

# City of San Diego

**CONTRACTOR'S NAME:** SRM Contracting & Paving dba Superior Ready Mix Concrete, L.P.  
**ADDRESS:** 7192 Mission Gorge Road, San Diego CA 92120  
**TELEPHONE NO.:** 619-265-0955 **FAX NO.:** \_\_\_\_\_  
**CITY CONTACT:** Antoinette Sanfilippo, Contract Specialist, Email: [ASanfilippo@sandiego.gov](mailto:ASanfilippo@sandiego.gov)  
**Phone No.:** (619) 533-3439  
C. Hudson / J. Borja / I. Garcia

## BIDDING DOCUMENTS



**FOR**

## ASPHALT RESURFACING GROUP 1702

BID NO.: \_\_\_\_\_ **K-20-1866-DBB-3**  
SAP NO. (WBS/IO/CC): \_\_\_\_\_ **B-17095**  
CLIENT DEPARTMENT: \_\_\_\_\_ **2116**  
COUNCIL DISTRICT: \_\_\_\_\_ **CITYWIDE**  
PROJECT TYPE: \_\_\_\_\_ **ID**

**THIS CONTRACT WILL BE SUBJECT TO THE FOLLOWING:**

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

**BID DUE DATE:**

**2:00 PM  
NOVEMBER 6, 2019**

**CITY OF SAN DIEGO'S ELECTRONIC BIDDING SITE, PLANETBIDS**

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

**ENGINEER OF WORK**

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

  
\_\_\_\_\_  
For City Engineer

9/23/19  
Date

Seal:



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## REQUIRED DOCUMENTS SCHEDULE DURING BIDDING AND AWARDING

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

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

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

| <b>ITEM</b> | <b>DOCUMENT TO BE SUBMITTED</b>                                   | <b>WHEN DUE</b>   | <b>FROM</b>            |
|-------------|---|---|------------------------|
| 1.          | Bid Bond (PDF)  | At Time of Bid  | ALL BIDDERS            |
| 2.          | Contractors Certification of Pending Actions                      | At Time of Bid  | ALL BIDDERS            |
| 3.          | Mandatory Disclosure of Business Interests                        | At Time of Bid  | ALL BIDDERS            |
| 4.          | Debarment and Suspension Certification                            | At Time of Bid  | ALL BIDDERS            |
| 5.          | Bid Bond (Original)   | Within 24 Hours of Bid opening  | 5 APPARENT LOW BIDDERS |
| 6.          | SLBE Good Faith Effort Documentation                              | Within 3 working days of bid opening  | ALL BIDDERS            |
| 7.          | Form AA60 – List of Work Made Available                           | Within 3 working days of bid opening with Good Faith Effort (GFE) documentation | ALL BIDDERS            |
| 8.          | Proof of Valid DBE-MBE-WBE-DVBE Certification Status e.g., Certs. | Within 3 working days of bid opening with Good Faith Effort (GFE) documentation | ALL BIDDERS            |
| 9.          | Contract Forms - Agreement  | Within 10 working days of receipt by bidder of contract forms                   | APPARENT LOW BIDDER    |
| 10.         | Contract Forms - Payment and Performance Bond                     | Within 10 working days of receipt by bidder of contract forms                   | APPARENT LOW BIDDER    |

| <b>ITEM</b> | <b>DOCUMENT TO BE SUBMITTED</b>                   | <b>WHEN DUE</b>   | <b>FROM</b>         |
|-------------|---|---|---------------------|
| 11.         | Certificates of Insurance and Endorsements        | Within 10 working days of receipt by bidder of contract forms | APPARENT LOW BIDDER |
| 12.         | Listing of "Other Than First Tier" Subcontractors | Within 10 working days of receipt by bidder of contract forms | APPARENT LOW BIDDER |

## NOTICE INVITING BIDS

1. **SUMMARY OF WORK:** This is the City of San Diego's (City) solicitation process to acquire Construction services for **Asphalt Resurfacing Group 1702**. 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 **\$10,140,000**.
4. **BID DUE DATE AND TIME ARE: NOVEMBER 6, 2019 at 2:00 PM**
5. **PREVAILING WAGE RATES APPLY TO THIS CONTRACT:** Refer to Attachment D.
6. **LICENSE REQUIREMENT:** To be eligible for award of this contract, Prime contractor must possess the following licensing classification: **A**
7. **SUBCONTRACTING PARTICIPATION PERCENTAGES:** Subcontracting participation percentages apply to this contract.
  - 7.1. The City has incorporated **mandatory** SLBE-ELBE subcontractor participation percentages to enhance competition and maximize subcontracting opportunities. For the purpose of achieving the mandatory subcontractor participation percentages, a recommended breakdown of the SLBE and ELBE subcontractor participation percentages based upon certified SLBE and ELBE firms has also been provided to achieve the mandatory subcontractor participation percentages:

|                                  |              |
|----------------------------------|--------------|
| 1. SLBE participation            | <b>7.4%</b>  |
| 2. ELBE participation            | <b>7.7%</b>  |
| 3. Total mandatory participation | <b>15.1%</b> |
  - 7.2. The Bid may be declared non-responsive if the Bidder fails to meet the following requirements:
    - 7.2.1. Include SLBE-ELBE certified subcontractors at the overall mandatory participation percentage identified in this document; **OR**
    - 7.2.2. Submit Good Faith Effort documentation, saved in searchable Portable Document Format (PDF) and stored on Compact Disc (CD) or Digital Video Disc (DVD), demonstrating the Bidder made a good faith effort to outreach to and include SLBE-ELBE Subcontractors required in this document within 3 Working Days of the Bid opening if the overall mandatory participation percentage is not met.

**8. AWARD PROCESS:**

- 8.1.** The Award of this contract is contingent upon the Contractor's compliance with all conditions of Award as stated within these documents and within the Notice of Intent to Award.
- 8.2.** Upon acceptance of bids and determination of the apparent low bidder, the City will prepare the contract documents for execution within approximately 21 days of the date of the bid opening. The City will then award the contract upon receipt of properly signed Contract, bonds, and insurance documents.
- 8.3.** This contract will be deemed executed and effective only upon the signing of the Contract by the Mayor or his designee and approval as to form by the City Attorney's Office.
- 8.4.** The low Bid will be determined by the Base Bid.
- 8.5.** Once the low bid has been determined, the City may, at its sole discretion, award the contract for the Base Bid alone.

**9. SUBMISSION OF QUESTIONS:**

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

Public Works Contracts  
525 B Street, Suite 750 (7<sup>th</sup> Floor)  
San Diego, California, 92101  
Attention: Antoinette Sanfilippo

OR:

[asanfilippo@sandiego.gov](mailto:asanfilippo@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”) <a href="http://www.greenbookspecs.org/">http://www.greenbookspecs.org/</a>   | 2018    | PWPI010119-01   |
| City of San Diego Standard Specifications for Public Works Construction (“The WHITEBOOK”)*<br><a href="https://www.sandiego.gov/publicworks/edocref/greenbook">https://www.sandiego.gov/publicworks/edocref/greenbook</a> | 2018    | PWPI010119 -02  |
| City of San Diego Standard Drawings*<br><a href="https://www.sandiego.gov/publicworks/edocref/standarddraw">https://www.sandiego.gov/publicworks/edocref/standarddraw</a>   | 2018    | PWPI010119 -03  |

| Title  | Edition | Document Number |
|--|---------|-----------------|
| Citywide Computer Aided Design and Drafting (CADD) Standards<br><a href="https://www.sandiego.gov/publicworks/edocref/drawings">https://www.sandiego.gov/publicworks/edocref/drawings</a>  | 2018    | PWPI010119 -04  |
| California Department of Transportation (CALTRANS) Standard Specifications –<br><a href="http://www.dot.ca.gov/des/oe/construction-contract-standards.html">http://www.dot.ca.gov/des/oe/construction-contract-standards.html</a>  | 2018    | PWPI030119-05   |
| CALTRANS Standard Plans<br><a href="http://www.dot.ca.gov/des/oe/construction-contract-standards.html">http://www.dot.ca.gov/des/oe/construction-contract-standards.html</a>   | 2018    | PWPI030119-06   |
| California Manual on Uniform Traffic Control Devices Revision 3 (CA MUTCD Rev 3) <a href="http://www.dot.ca.gov/trafficops/camutcd/">http://www.dot.ca.gov/trafficops/camutcd/</a>   | 2014    | PWPI030119-07   |
| <p><b>NOTE:</b>           *Available online under Engineering Documents and References at:<br/><a href="http://www.sandiego.gov/publicworks/edocref/index.shtml">http://www.sandiego.gov/publicworks/edocref/index.shtml</a></p> <p>                      *Electronic updates to the Standard Drawings may also be found in the link above</p> |         |                 |

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

Code, the Bidder shall provide the **NAME** and **ADDRESS** of each Subcontractor who will perform work, labor, render services or who specially fabricates and installs a portion [type] of the work or improvement, in an amount in excess of 0.5% of the Contractor's total Bid. The Bidder shall also state within the description, whether the subcontractor is a **CONSTRUCTOR, CONSULTANT** or **SUPPLIER**. The Bidder shall state the **DIR REGISTRATION NUMBER** for all subcontractors and shall further state within the description, the **PORTION** of the work which will be performed by each subcontractor under this Contract. The Contractor shall list only one Subcontractor for each portion of the Work. The **DOLLAR VALUE** of the total Bid to be performed shall be stated for all subcontractors listed. Failure to comply with this requirement may result in the Bid being rejected as **non-responsive** and ineligible for award. The Bidder's attention is directed to the Special Provisions - Section 3-2, "SELF-PERFORMANCE", which stipulates the percent of the Work to be performed with the Bidders' own forces. The Bidder shall list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors for which Bidders are seeking recognition towards achieving any mandatory, voluntary (or both) subcontracting participation goals.

Additionally, pursuant to California Senate Bill 96 and in accordance with the requirements of Labor Code sections 1771.1 and 1725.5, by submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the California Department of Industrial Relations (DIR). **The Bidder shall provide the name, address, license number, DIR registration number of any Subcontractor - regardless of tier** - who will perform work, labor, render services or specially fabricate and install a portion [type] of the work or improvement pursuant to the contract.

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

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

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

**14. AWARD:**

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

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

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

**15. SUBCONTRACT LIMITATIONS:** The Bidder's attention is directed to Standard Specifications for Public Works Construction, Section 3-2, "SELF-PERFORMANCE" in The GREENBOOK and as amended in the SSP which requires the Contractor to self-perform not less than the specified amount. Failure to comply with this requirement shall render the bid **non-responsive** and ineligible for award.

**16. AVAILABILITY OF PLANS AND SPECIFICATIONS:** Contract Documents may be obtained by visiting the City's website: <http://www.sandiego.gov/cip/>. Plans and Specifications for this contract are also available for review in the office of the City Clerk or Public Works Contracts.

**17. ONLY ONE BID PER CONTRACTOR SHALL BE ACCEPTED:** No person, firm, or corporation shall be allowed to make, file, or be interested in more than one (1) Bid for the same work unless alternate Bids are called for. A person, firm or corporation who has submitted a sub-proposal to a Bidder, or who has quoted prices on materials to a Bidder, is not hereby disqualified from submitting a sub-proposal or quoting prices to other Bidders or from submitting a Bid in its own behalf. Any Bidder who submits more than one bid will result in the rejection of all bids submitted.

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

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

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

- 19.2. This check or bond, and the monies represented thereby, will be held by the City as a guarantee that the Bidder, if awarded the contract, will in good faith enter into the contract and furnish the required final performance and payment bonds.
- 19.3. The Bidder agrees that in the event of the Bidder's failure to execute this contract and provide the required final bonds, the money represented by the cashier's or certified check will remain the property of the City; and the Surety agrees that it will pay to the City the damages, not exceeding the sum of 10% of the amount of the Bid, that the City may suffer as a result of such failure.
- 19.4. At the time of bid submission, bidders must upload and submit an electronic PDF copy of the aforementioned bid security. Whether in the form of a cashier's check, a properly certified check or an approved corporate surety bond payable to the City of San Diego, the bid security must be uploaded to the City's eBidding system. Within twenty-four (24) hours after the bid due date and time, the first five (5) apparent low bidders must provide the City with the original bid security.
- 19.5. Failure to submit the electronic version of the bid security at the time of bid submission AND failure to provide the original within twenty-four (24) hours shall cause the bid to be rejected and deemed **non-responsive**.

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

- 20.1. This contract may be awarded to the lowest responsible and reliable Bidder.
- 20.2. Bidders shall complete ALL eBid forms as required by this solicitation. Incomplete eBids will not be accepted.
- 20.3. The City reserves the right to reject any or all Bids, to waive any informality or technicality in Bids received, and to waive any requirements of these specifications as to bidding procedure.
- 20.4. Bidders will not be released on account of their errors of judgment. Bidders may be released only upon receipt by the City within 3 Working Days of the bid opening, written notice from the Bidder which shows proof of honest, credible, clerical error of a material nature, free from fraud or fraudulent intent; and of evidence that reasonable care was observed in the preparation of the Bid.
- 20.5. A bidder who is not selected for contract award may protest the award of a contract to another bidder by submitting a written protest in accordance with the San Diego Municipal Code.
- 20.6. The City of San Diego will not discriminate in the award of contracts with regard to race, religion creed, color, national origin, ancestry, physical handicap, marital status, sex or age.

**20.7.** Each Bid package properly signed as required by these specifications shall constitute a firm offer which may be accepted by the City within the time specified herein.

**20.8.** The City reserves the right to evaluate all Bids and determine the lowest Bidder on the basis of the base bid and any proposed alternates or options as detailed herein.

**21. BID RESULTS:**

**21.1.** The availability of the bids on the City's eBidding system shall constitute the public announcement of the apparent low bidder. In the event that the apparent low bidder is subsequently deemed non-responsive or non-responsible, a notation of such will be made on the eBidding system. The new ranking and apparent low bidder will be adjusted accordingly.

**21.2.** To obtain the bid results, view the results on the City's web site, or request the results by U.S. mail and provide a self-addressed, stamped envelope. If requesting by mail, be sure to reference the bid name and number. The bid tabulations will be mailed to you upon their completion. The results will not be given over the telephone.

**22. THE CONTRACT:**

**22.1.** The Bidder to whom award is made shall execute a written contract with the City of San Diego and furnish good and approved bonds and insurance certificates specified by the City within 14 days after receipt by Bidder of a form of contract for execution unless an extension of time is granted to the Bidder in writing.

**22.2.** If the Bidder takes longer than 14 days to fulfill these requirements, then the additional time taken shall be added to the Bid guarantee. The Contract shall be made in the form adopted by the City, which includes the provision that no claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.

**22.3.** If the Bidder to whom the award is made fails to enter into the contract as herein provided, the award may be annulled and the Bidder's Guarantee of Good Faith will be subject to forfeiture. An award may be made to the next lowest responsible and reliable Bidder who shall fulfill every stipulation embraced herein as if it were the party to whom the first award was made.

**22.4.** Pursuant to the San Diego City Charter section 94, the City may only award a public works contract to the lowest responsible and reliable Bidder. The City will require the Apparent Low Bidder to (i) submit information to determine the Bidder's responsibility and reliability, (ii) execute the Contract in form provided by the City, and (iii) furnish good and approved bonds and insurance certificates specified by the City within 14

Days, unless otherwise approved by the City, in writing after the Bidder receives notification from the City, designating the Bidder as the Apparent Low Bidder and formally requesting the above mentioned items.

- 22.5.** The award of the Contract is contingent upon the satisfactory completion of the above-mentioned items and becomes effective upon the signing of the Contract by the Mayor or designee and approval as to form by the City Attorney's Office. If the Apparent Low Bidder does not execute the Contract or submit required documents and information, the City may award the Contract to the next lowest responsible and reliable Bidder who shall fulfill every condition precedent to award. A corporation designated as the Apparent Low Bidder shall furnish evidence of its corporate existence and evidence that the officer signing the Contract and bond for the corporation is duly authorized to do so.
- 23. EXAMINATION OF PLANS, SPECIFICATIONS, AND SITE OF WORK:** The Bidder shall examine carefully the Project Site, the Plans and Specifications, other materials as described in the Special Provisions, Section 3-9, "TECHNICAL STUDIES AND SUBSURFACE DATA", and the proposal forms (e.g., Bidding Documents). The submission of a Bid shall be conclusive evidence that the Bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and scope of Work, the quantities of materials to be furnished, and as to the requirements of the Bidding Documents Proposal, Plans, and Specifications.
- 24. CITY STANDARD PROVISIONS:** This contract is subject to the following standard provisions. See The WHITEBOOK for details.
- 24.1.** The City of San Diego Resolution No. R-277952 adopted on May 20, 1991 for a Drug-Free Workplace.
- 24.2.** The City of San Diego Resolution No. R-282153 adopted on June 14, 1993 related to the Americans with Disabilities Act.
- 24.3.** The City of San Diego Municipal Code §22.3004 for Contractor Standards.
- 24.4.** The City of San Diego's Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.
- 24.5.** Sections 1777.5, 1777.6, and 1777.7 of the State of California Labor Code concerning the employment of apprentices by contractors and subcontractors performing public works contracts.
- 24.6.** The City's Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).
- 24.7.** The City's Information Security Policy (ISP) as defined in the City's Administrative Regulation 90.63.

**25. PRE-AWARD ACTIVITIES:**

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

**PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND**

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**FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:**

\_\_\_\_\_  
Superior Ready Mix Concrete, L.P. \_\_\_\_\_, a corporation, as principal, and  
\_\_\_\_\_  
Nationwide Mutual Insurance Company \_\_\_\_\_, a corporation authorized to do  
business in the State of California, as Surety, hereby obligate themselves, their successors and  
assigns, jointly and severally, to The City of San Diego a municipal corporation in the  
sum of \_\_\_\_\_ for the faithful performance of the annexed contract, and in the sum of  
Ten Million Eight Hundred Forty-Four Thousand Seven Hundred Fifteen Dollars and Zero  
Cents (\$10,844,715.00) annexed contract, and in the sum of Ten Million Eight Hundred  
Forty-Four Thousand Seven Hundred Fifteen Dollars and Zero Cents (\$10,844,715.00) 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.

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

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

Dated December 5, 2019

Approved as to Form

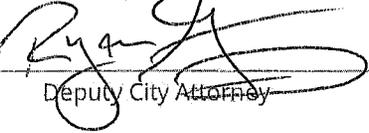
Superior Ready Mix Concrete, L.P.

Principal

By 

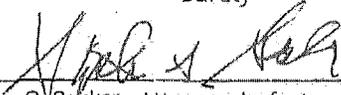
Arnold Veldkamp, Secretary  
Printed Name of Person Signing for Principal

Mara W. Elliott, City Attorney

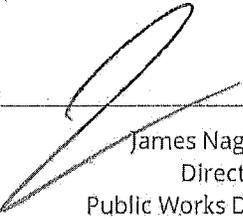
By   
Deputy City Attorney

Nationwide Mutual Insurance Company

Surety

By   
Stephen G. Sanker, Attorney-in-fact

Approved:

By   
James Nagelvoort  
Director  
Public Works Department

7777 Alvarado Rd, Suite 201

Local Address of Surety

La Mesa, CA 91942

Local Address (City, State) of Surety

800-822-3666

Local Telephone No. of Surety

Premium \$ 41,288.00

Bond No. Bd 764569

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.

### ACKNOWLEDGMENT

State of California  
County of San Diego

On December 5, 2019 before me, Josh Brandon Severson, Notary Public, personally appeared Stephen G. Sanker 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.



\_\_\_\_\_

Power of Attorney

KNOW ALL MEN BY THESE PRESENTS THAT:

Nationwide Mutual Insurance Company, an Ohio corporation

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

Josh Severson Stephen G. Sanker La Mesa, CA

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

Twenty Million and 00/100 \$20,000,000

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

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

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

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

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

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

IN WITNESS WHEREOF, the Company has caused this instrument to be sealed and duly attested by the signature of its officer the 27th day of February, 2019.

[Handwritten signature of Antonio C. Albanese]

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

ACKNOWLEDGMENT

STATE OF NEW YORK, COUNTY OF NEW YORK: ss

On this 27th day of February, 2019, before me came the above-named officer for the Company aforesaid, to me personally known to be the officer described in and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn, deposes and says, that he is the officer of the Company aforesaid, that the seal affixed hereto is the corporate seal of said Company, and the said corporate seal and his signature were duly affixed and subscribed to said instrument by the authority and direction of said Company.



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

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

CERTIFICATE

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

IN WITNESS WHEREOF, I have hereunto subscribed my name as Assistant Secretary, and affixed the corporate seal of said Company this 5th day of December, 2019.

[Handwritten signature of Laura B. Guy]

Assistant Secretary

## ACKNOWLEDGMENT

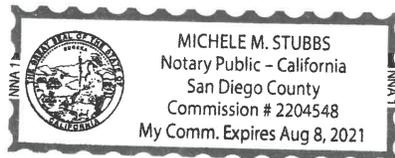
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California  
County of San Diego

On December 6, 2019 before me, Michele M. Stubbs, Notary Public, personally appeared Arnold Veldkamp, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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.



Michele M. Stubbs

## 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 installation of new pavement, excavation for pavement base repair, raising appurtenances and survey monuments to grade, night work, reconstructing survey monument boxes, sweeping, installation of curb ramps to meet ADA requirements, curb and gutter removal and replacement, sidewalk panel removal and placement, cross gutter and alley apron removal and replacement, residential and commercial driveway replacement, curb outlet – Type A replacement, relocation of pedestrian push buttons, installation of new pedestrian push buttons, installation of pedestrian barricades, tree trimming, root pruning, tree root relocation and pneumatic soil excavation, installation 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.
  
2. **LOCATION OF WORK:** The location of the Work is as follows:  
  
See **Appendix E, P**
  
3. **CONTRACT TIME:** The Contract Time for completion of the Work, including the Plant Establishment Period, shall be **210 Working Days**.

**ATTACHMENT B**

**RESERVED**

**ATTACHMENT C**  
**RESERVED**

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

## PREVAILING WAGE

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

- 1.3. Payroll Records.** Contractor and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection. Contractor shall require its subcontractors to also comply with section 1776. Contractor and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Contractor is responsible for ensuring its subcontractors submit certified payroll records to the City.
- 1.3.1.** Contractor and their subcontractors shall also furnish records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required by Labor Code section 1771.4.
- 1.4. Apprentices.** Contractor and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Contractor is held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.
- 1.5. Working Hours.** Contractor and their subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on contractors and subcontractors of \$25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections 1810 through 1815.
- 1.6. Required Provisions for Subcontracts.** Contractor shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.
- 1.7. Labor Code Section 1861 Certification.** Contractor in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Contractor certifies that "I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract."
- 1.8. Labor Compliance Program.** The City has its own Labor Compliance Program authorized in August 2011 by the DIR. The City will withhold contract payments when payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred. For questions or assistance, please contact the City of San Diego's Prevailing Wage Unit at 858-627-3200.

- 1.9. Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. A contractor or subcontractor shall not be qualified to bid on, be listed in a bid or proposal, subject to the requirements of section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.
- 1.9.1.** A Contractor's inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in response to a solicitation shall not be grounds for filing a bid protest or grounds for considering the bid non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to bid opening; (2) within twenty-four hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5; or (3) the subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.
- 1.9.2.** By submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Contractor shall provide proof of registration for themselves and all listed subcontractors to the City at the time of bid or proposal due date or upon request.
- 1.10. Stop Order.** For Contractor or its subcontractors engaging in the performance of any public work contract without having been registered in violation of Labor Code sections 1725.5 or 1771.1, the Labor Commissioner shall issue and serve a stop order prohibiting the use of the unregistered contractors or unregistered subcontractor(s) on ALL public works until the unregistered contractor or unregistered subcontractor(s) is registered. Failure to observe a stop order is a misdemeanor.
- 1.11. List of all Subcontractors.** The Contractor shall provide the list of subcontractors (regardless of tier), along with their DIR registration numbers, utilized on this Contract prior to any work being performed; and the Contractor shall provide a complete list of all subcontractors with each invoice. Additionally, Contractor shall provide the City with a complete list of all subcontractors (regardless of tier) utilized on this contract within ten working days of the completion of the contract, along with their DIR registration numbers. The City shall withhold final payment to Construction Management Professional until at least thirty (30) days after this information is provided to the City.
- 1.12. Exemptions for Small Projects.** There are limited exemptions for installation, alteration, demolition, or repair work done on projects of \$25,000 or less. The Contractor shall still comply with Labor Code sections 1720 et. seq. The only recognized exemptions are listed below:

- 1.12.1.** Registration. The Contractor will not be required to register with the DIR for small projects. (Labor Code section 1771.1).
- 1.12.2.** Certified Payroll Records. The records required in Labor Code section 1776 shall be required to be kept and submitted to the City of San Diego, but will not be required to be submitted online with the DIR directly. The Contractor will need to keep those records for at least three years following the completion of the Contract. (Labor Code section 1771.4).
- 1.12.3.** List of all Subcontractors. The Contractor shall not be required to hire only registered subcontractors and is exempt from submitting the list of all subcontractors that is required in section 1.11 above. (Labor code section 1773.3).

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

## SUPPLEMENTARY SPECIAL PROVISIONS

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

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

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

**1-2 TERMS AND DEFINITIONS.** To the "WHITEBOOK", item 54, "Normal Working Hours", ADD 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 **7:30 AM to 3:30 PM**.

To the "WHITEBOOK", ADD the following:

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

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

## **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.

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

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

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

2. The QCP shall be organized to address, at a minimum, the following items:
  - a) Quality Control Administrator
  - b) Surface preparation and paving schedule
  - c) Inspection and documentation requirements (Daily Quality Control Inspection Report)
  - d) Material quality control testing plan
  - e) Documentation of quality control activities

- f) Procedures for corrective action when quality control and/or acceptance criteria are not met
- g) If paving Work will be in areas prone to shade, provide curing time of product

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

viii. Documentation that the following have been verified to be in compliance:

- Proper storage of materials and equipment.
- Proper operation of all equipment.
- Adherence to plans and technical specifications.
- Review of quality control tests.
- Safety inspection.
- Mixing properties of products against the approved submittal limits.

**3-9 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 1702 Pavement Core Sample Results for Select Street. See **Appendix Q**, 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.

**ADD:**

**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:

| <b>Specified Item</b>  | <b>Minimum Warranty Period</b>      |
|--|-------------------------------------|
| 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 W Bernardo Dr at intersection with Technology Dr. See **Appendix F – Adjacent Project Maps** for the approximate location. Coordinate the work with the adjacent projects as listed below:
  - a) B-17156 - W Bernardo @ Technology Traffic Signal. RE: Fernando Lasaga: phone: 619-533-7406.  
  
All works at this location including Curb Ramp, Pedestrian Push Buttons, Traffic Detector Loops Loops, Bus Pad and Bus Pad Landing construction to be coordinated as directed by the Engineer.
3. Other adjacent City projects are scheduled for construction for the same time period in the vicinity of Santo Rd at intersection with Tierrasanta Blvd. See **Appendix F – Adjacent Project Maps** for the approximate location. Coordinate the work with the adjacent projects as listed below:
  - a) B18181 - AC Water and Sewer Group 1056 (W). PM: Elham Lofti, phone: 619-533-5212.
4. Other adjacent City projects are scheduled for construction for the same time period in the vicinity of Glenroy St from Brunswick Av to Forbes Av. See **Appendix F – Adjacent Project Maps** for the approximate location. Coordinate the work with the adjacent projects as listed below:
  - a) B17187 - Pipeline Rehab AT-1 (Linda Vista Area) PM: Neda Sharara, phone: 858-627-3215, CMs: Eddy Wibowo phone: 858-627-3263.
5. Other adjacent City projects are scheduled for construction for the same time period in the vicinity of Barnett Av at the intersection with Midway Dr. See **Appendix F – Adjacent Project Maps** for the approximate location. Coordinate the work with the adjacent projects as listed below:
  - a) S12015 - Pacific Beach Pipeline South (W) PM: Clemens Wassenberg tel: 858-495-7872; Roberto Vejar-Parra, phone: 619-533-5402; CM: Adam Vandervort (consultant), phone: 858-627-3200.
  - b) Permit 2258893 - Private (on behalf of DSD): Mobilitie small cells wireless poles installation project at Barnett Ave; Ryan Lee: Sr. NRE Specialist [ryan.lee@mobilitie.com](mailto:ryan.lee@mobilitie.com); 2955 Red Hill Ave, Suite 200 Costa Mesa, CA 92626; phone: 657 261 3814, mobile: 714-757 1005.

## 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", item 3, DELETE in its entirety and SUBSTITUTE with the following:

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

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

1. Virtual Project Manager shall be used on this Contract.
2. You shall post all communications addressed to the Engineer concerning construction including RFIs, submittals, daily logs including the Weekly Statement of Working Days (WSWD), Storm Water, and transmittals to the

Virtual Project Manager (VPM) website established for the Projects. This shall not supersede any Federal requirements.

3. Maintain a list of scheduled activities including planned and actual execution dates for all major construction activities and milestones defined in the approved Schedule.
4. Review and act on all communications addressed to you in the VPM project website.
5. A user's guide to the VPM system is available on the City's website and shall be provided to you at the Pre-construction Meeting. Refer to the VPM training videos and forms at the location below:  
<https://www.sandiego.gov/publicworks/edocref>
6. Submit the Sensitive Information Authorization Acknowledgement Form and VPM User Agreement located in the VPM user's guide at the Pre-construction Meeting.

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

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

## SECTION 6 – PROSECUTION AND PROGRESS OF THE WORK

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

- s) Submit an updated cash flow forecast with every pay request (for each Project ID or WBS number provided in the Contract) showing periodic and cumulative construction billing amounts for the duration of the Contract Time. If there has been any Extra Work since the last update, include only the approved amounts. 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/publicworks/edocref>

To the “WHITEBOOK”, ADD the following:

- 3. The construction Schedule Shall show a breakdown of Work into Phases. The phases shall be 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.
- 4. The **90 Calendar Day** Plant Establishment Period is included in the stipulated Contract Time and shall begin with the acceptance of installation of the vegetation plan in accordance with Section 801-6, “MAINTENANCE AND PLANT ESTABLISHMENT”.

**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.
    - a) Your protest will be considered a claim for time extension and shall be subject to 2-10.1, "Claims".

**ADD:**

**6-6.1.1 Environmental Document.**

- 1. The City of San Diego has prepared a **Notice of Exemption** for Asphalt Resurfacing Group 1702, 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, unless separate bid items have been provided.

**6-6.4 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.

## SECTION 7 – MEASUREMENT AND PAYMENT

**7-3.2 Partial and Final Payment.** To the “GREENBOOK”, paragraph (3), DELETE in its entirety and SUBSTITUTE with the following:

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

**7-3.5.1 GENERAL.** To the “GREENBOOK”, ADD the following:

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) “Tree Removal and Disposal (24-Inch Trunk Diameter and Greater)”
- i) “Traffic Detector Loop Replacement”
- j) “Pedestrian Barricade (Type A)”
- k) “Tree (15 Gallon)”
- l) “Speed Hump Remove & Replace”
- m) “Excavation for Base Repair”
- n) “Asphalt Concrete Base”
- o) “Pedestrian Push button Relocation”
- p) “New Pedestrian Push Button”
- q) “New Pedestrian Push Button Post”
- r) “Excavation for Base Repair (Unscheduled)”
- s) “Crushed Miscellaneous Base (Unscheduled)”
- t) “Raise Appurtenance to Grade (Water, Sewer)”

- u) "Adjust Survey Monument to Grade"
- v) "Reconstruct Survey Monument Box"

### 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) "Tree Removal and Disposal (24-Inch Trunk Diameter and Greater)"
  - i) "Traffic Detector Loop Replacement"
  - j) "Pedestrian Barricade (Type A)"
  - k) "Tree (15 Gallon)"
  - l) "Speed Hump Remove & Replace"
  - m) "Excavation for Base Repair"
  - n) "Asphalt Concrete Base"
  - o) "Pedestrian Push button Relocation"
  - p) "New Pedestrian Push Button"
  - q) "New Pedestrian Push Button Post"
  - r) "Excavation for Base Repair (Unscheduled)"
  - s) "Crushed Miscellaneous Base (Unscheduled)"
  - t) "Raise Appurtenance to Grade (Water, Sewer)"
  - u) "Adjust Survey Monument to Grade"
  - v) "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**

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

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

6. The unused portions of Field Orders Bid item shall revert to the City upon Acceptance.

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

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

### **SECTION 203 - BITUMINOUS MATERIALS**

**203-6.3.1 General.** To the "WHITEBOOK," Item 1, DELETE in its entirety and SUBSTITUTE with the following:

1. You shall submit for approval, mix designs for III-C2-PG 64-10 (½ inch) (12.5 mm) and III-B3-PG 64-10 (¾ inch) (19 mm) asphalt concrete. Asphalt concrete mix designs shall be submitted to the City Materials Testing Laboratory for approval.

**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.

**300-2.8 Measurement.** To the "GREENBOOK", ADD the following:

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.

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.

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:

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.

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.

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)".

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 will be included in the 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.

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. The Cold Milling and Overlay shall be SDG-106 Cold Milling & Asphalt Concrete Overlay – Type B (Full Width Cold Mill) or as specified by the Engineer.
9. 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.
10. 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.
11. 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.
12. 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.

13. 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.
14. 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".
15. 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.
16. 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".
17. Recycled base material shall conform to crushed miscellaneous base material in accordance with 200-2.4, "Crushed Miscellaneous Base".
18. 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.
19. Materials removed, regardless of removal method, shall be disposed of at a legal site.
20. 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" and "Crushed Miscellaneous Base." No Payment shall be made for areas of over excavation as determined by the Engineer.
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 its entirety and SUBSTITUTE with the following:

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

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

7. The resurfacing shall be in accordance to SDG-106 Cold Milling & Asphalt Concrete Overlay – Type B (Full Width Cold Mill) or as specified by the Engineer.

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

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 the installation of a concrete bus pad in accordance with Standard Drawing SDG-102 shall be made at the contract unit price for "Bus Stop Pad (9 Inch Thick) per square foot.

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 P, Approx. 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.

**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."

This bid item also includes payment for the removal of existing traffic striping, pavement markings, and pavement markers for streets requiring striping modifications as indicated below:

- a. Barnett Ave
  - b. Santo Rd
  - c. Via del Campo
  - d. West Bernardo Dr
2. The payment for installation of additional new striping as shown in the striping modifications shall be included in the lump sum Bid items indicated below for each street identified:
    - a. Painted Traffic Stripes and Painted Curb Markings (BARNETT AV)
    - b. Painted Traffic Stripes and Painted Curb Markings (SANTO RD)
    - c. Painted Traffic Stripes and Painted Curb Markings (VIA DEL CAMPO)
    - d. Painted Traffic Stripes and Painted Curb Markings (W. BERNARDO DR)
  3. 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." Any additional striping installation as required by

striping modifications shall be paid at the lump sum unit price for the street getting a striping modification.

### **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", Item 4 and Item 5 and Item 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 shall be by the Contract Bid Unit price for Small Tree Removal & Disposal (<24 inch trunk diameter)" or Large Tree Removal & Disposal (>=24 inch trunk diameter)" depending on the size of the tree trunk. Cutting, excavation, tree root removal and disposal, tree disposal, backfill, and placement of topsoil shall be included in the unit bid price.

### **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."

**ADD:**

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.

**404-1 GENERAL.** To The "WHITEBOOK", item 5, DELETE in its entirety and SUBSTITUTE with the following:

5. The Contractor shall cold mill the full width of 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 K, 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 Asphalt Concrete and Full Width.

Cold milled full width 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 Cold Milling & Asphalt Concrete Overlay – Type B (Full Width Cold Mill) or as specified by the Engineer.
8. 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.
9. 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.
10. 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.

2. 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 for "Cold Milling" per square foot.

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.

To the "WHITEBOOK" ADD the following:

5. 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**

**601-2.1.2 Engineered Traffic Control Plans (TCP).** To the "WHITEBOOK", ADD the following:

5. Engineered TCP (2 foot x 3 foot size) shall be required for the following areas:
  - a) BARNETT AV
  - b) LYTTON ST
  - c) PACIFIC HY ON AND OFF RAMPS AT BARNETT
  - d) BLACK MTN RD
  - e) PEGASUS AV
  - f) SANTO RD
  - g) SCRIPPS RANCH BL
  - h) WEST BERNARDO DR

**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, Item h, DELETE in its entirety and SUBSTITUTE 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”

**701-2 PAYMENT.** To the “WHITEBOOK”, Item 5 ADD the following:

- u) Payment for Pedestrian Push button Relocation will be paid at the contract unit price " 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 “New Pedestrian Push Button”.

This includes all material, labor, and work required to install existing 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 New Pedestrian Push Button Post will be paid at the contract unit price “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 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 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**      **PAYMENT.** To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

**MEASUREMENT.**

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.      Payment for Tree Planting related material and work including excavation, weed removal, preparation, backfilling, topsoil, maintenance, plant establishment, protection, and other specified in the Contract Document shall be included under "Tree (15 Gallon)" Bid Item for each tree planted.
7.      If an additional tree needs to be planted after the determination of the Engineer as specified in 801-4.1, payment for tree planting will be made at the Contract Bid Unit price for "Tree (15 Gallon)"

8. If an additional tree needs to be removed after the determination of the Engineer as specified in , payment for the removal of trees will be by Contract Bid Unit Price for "Tree Removal and Disposal" for each.
9. 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 Installed" Bid Item for each.
10. 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**.
-

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

**APPENDIX A**  
**NOTICE OF EXEMPTION**

## NOTICE OF EXEMPTION

(Check one or both)

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

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 NO.: N/A

PROJECT TITLE: Asphalt Resurfacing Group 1702

PROJECT LOCATION-SPECIFIC: For a list of specific locations, see Attachment A, "Location List". The project is located in all Council Districts (1 through 9) and in the following Community Planning Areas: Rancho Bernardo, Carmel Valley, Rancho Peñasquitos, Mira Mesa, Scripps Miramar Ranch, Clairemont Mesa, Tierrasanta, Serra Mesa, Navajo, Midway-Pacific Highway, Linda Vista, Greater North Park, College Area, Eastern Area, Peninsula, Ocean Beach, Otay Mesa-Nestor, and San Ysidro.

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 includes the placement of asphalt overlay, replacing traffic signal detection loops and stub outs, adjusting city manhole and gate valve covers, cold milling, pavement base repair, installation of curb ramps to meet ADA requirements, street and sidewalk sweeping, replacing traffic striping and markings/legends, possible night and weekend work, traffic control drawings and permits, storm drain inlet protection, installation of inlet markers, and sediment control. All work would occur within the public right-of-way (paved streets) or previously disturbed, non-sensitive areas only. No sensitive vegetation would be impacted or removed. Storm Water Best Management Practices (BMPs) for erosion control preventing discharge, as well as a 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: Joshua Lahmann, Senior Engineer; Transportation & Storm Water Department; 2781 Caminito Chollas, San Diego, CA 92105; (619) 527 - 7509

EXEMPT STATUS: (CHECK ONE)

- MINISTERIAL
- DECLARED EMERGENCY
- EMERGENCY PROJECT
- CATEGORICAL EXEMPTION: Section 15301 (Existing Facilities) and Section 15303 (New Construction or Conversion of Small Structures)
- STATUTORY 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 the 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

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



June 19, 2019

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

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

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

1. **PURPOSE**

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

2. **AUTHORITY**

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

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

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

2.4 California Code of Regulations, Titles 17 and 22

2.5 California State Penal Code, Section 498B.0

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

2.7 Water Department Director

**Reference**

2.8 State of California Guidance Manual for Cross Connection Programs

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

2.10 American Water Works Association Standards for Water Meters

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

3. **DEFINITIONS**

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

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

- 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.

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

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.

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

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.

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

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

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

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

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

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

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

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.

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

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.

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

- 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.)<br>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:<br><small>(PERSON IN ACCOUNTS PAYABLE)</small>  |        |                      | Phone: ( ) |
| Site Contact Name and Title:   |        |                      | Phone: ( ) |
| Responsible Party Name:  |        |                      | Title:     |
| Cal ID#  |        |                      | Phone: ( ) |
| Signature:   |        | Date:                |            |
| <small>Guarantees Payment of all Charges Resulting from the use of this Meter. Insures that employees of this Organization understand the proper use of Fire Hydrant Meter</small> |        |                      |            |

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

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

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

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

**Note:**

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

Date

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

Subject: Discontinuation of Fire Hydrant Meter Service

Dear Water Department Customer:

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

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

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

Sincerely,

Water Department

**APPENDIX C**

**MATERIALS TYPICALLY ACCEPTED BY CERTIFICATE OF COMPLIANCE**

## MATERIALS TYPICALLY ACCEPTED BY CERTIFICATE OF COMPLIANCE

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

**APPENDIX D**

**SAMPLE CITY INVOICE WITH CASH FLOW FORECAST**



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

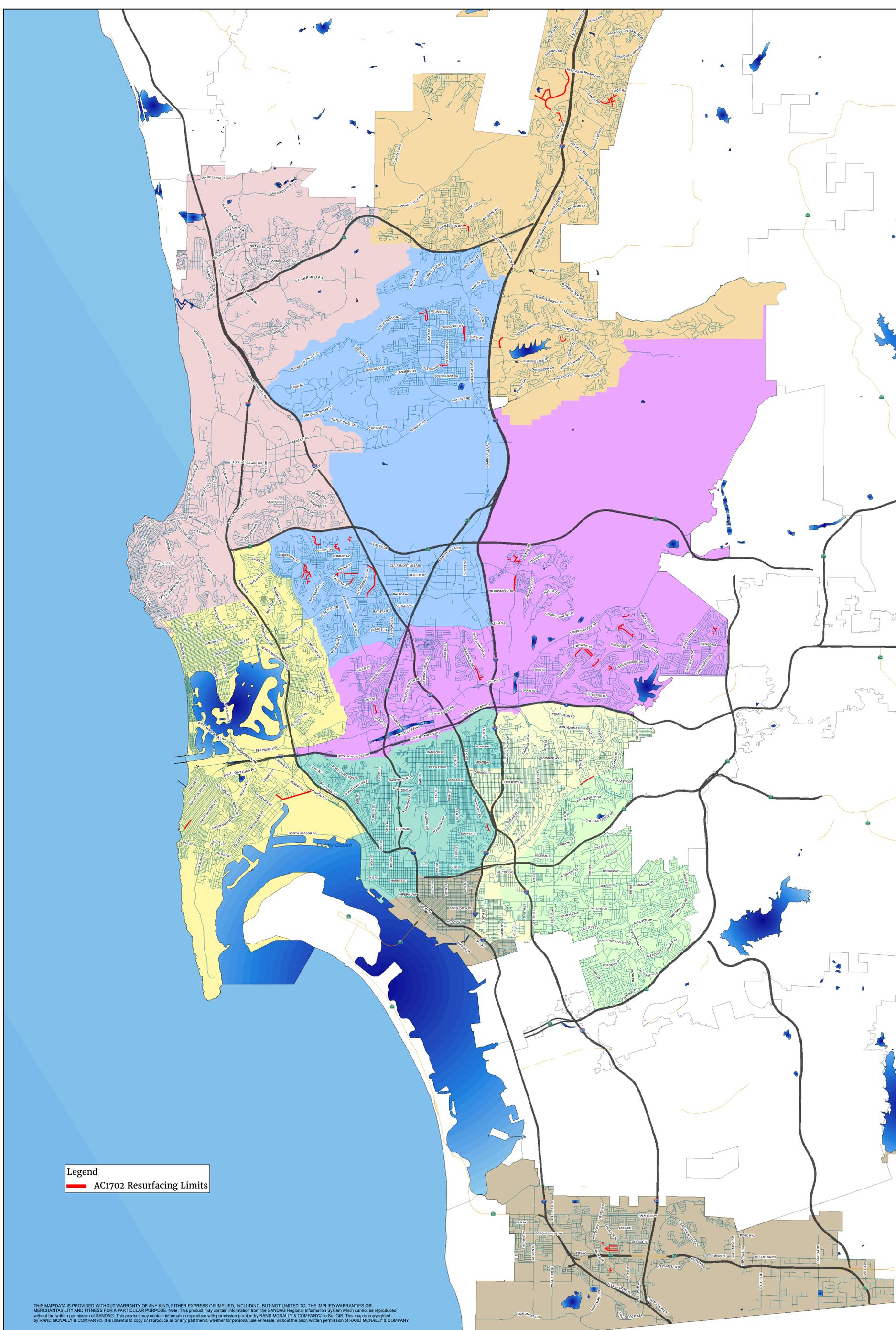
Construction Cash Flow Forecast  
 "Sewer and Water Group Job 965 (W)"

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

SAMPLE REFERENCE

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

**ASPHALT RESURFACING GROUP 1702**



**Legend**  
— AC1702 Resurfacing Limits

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SAP ID: B17095  
 COUNCIL DISTRICT: 2, 3, 5, 6, 7, 8, 9  
 COMMUNITY NAME: CLAIREMONT MESA, SERRA MESA, TIERRASANTA, NAVAJO, MIDWAY-PACIFIC HIGHWAY, LINDA VISTA, GREATER NORTH PARK, EASTERN AREA, PENINSULA, OCEAN BEACH, OTAY MESA-NESTOR, SAN YSIDRO

Date: August 15, 2019



NO SCALE

**APPENDIX F**  
**ADJACENT PROJECT MAPS**

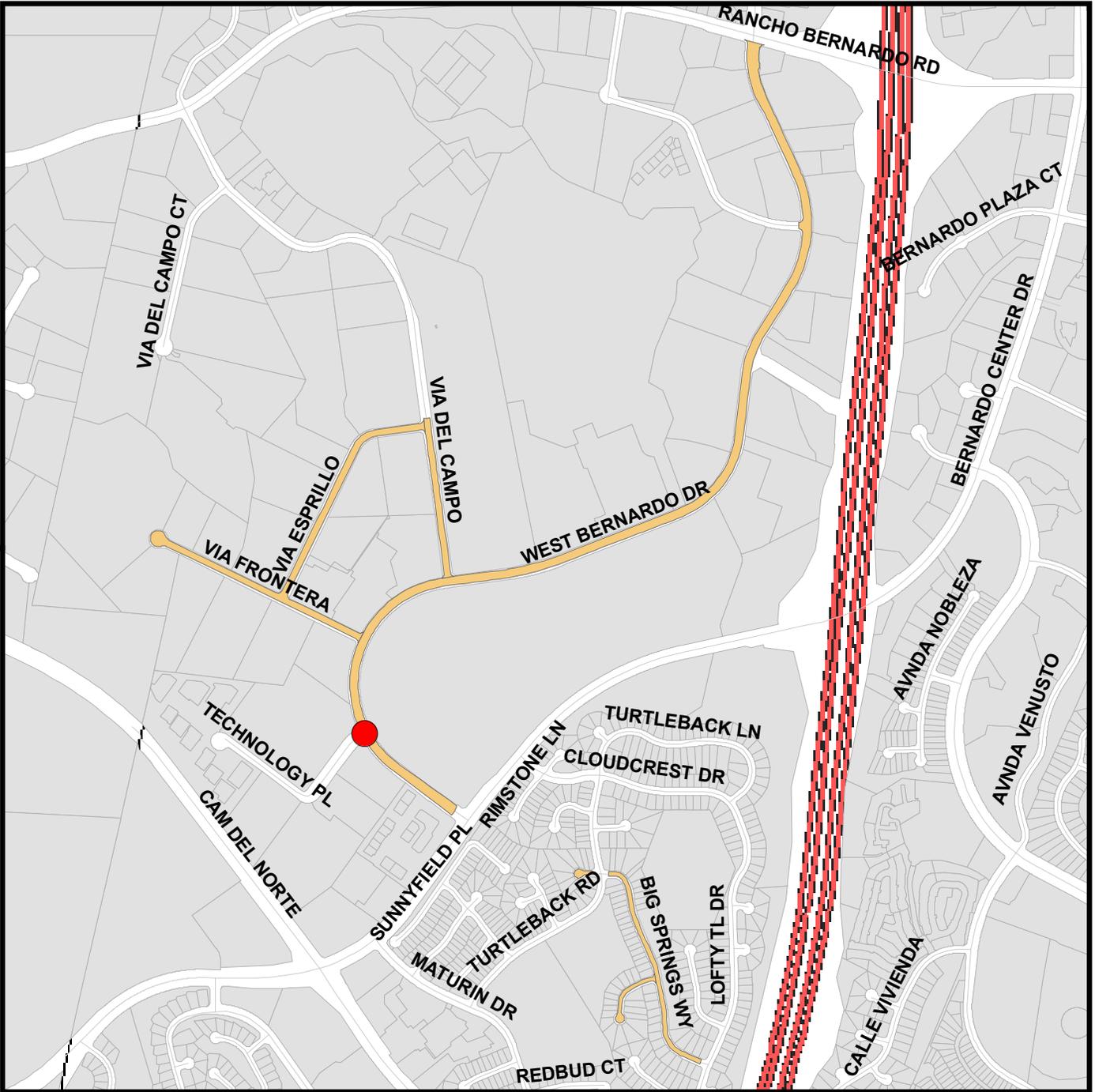
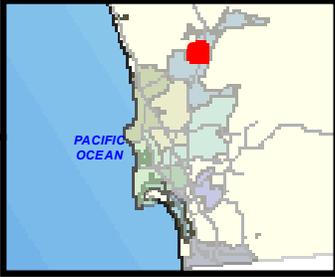
### Asphalt Resurfacing Group 1702

SENIOR ENGINEER  
Joshua Lahman  
619-527-7509

PROJECT MANAGER  
Chris Hudson  
619-527-8081

PROJECT ENGINEER  
Ottone Amore  
619-527-8091

CONSTRUCTION PROJECT  
INFORMATION LINE  
(619) 533-4207



-  B-17095 - Asphalt Resurfacing Group 1702
-  S-17156 - W Bernardo @ Technology Traffic Signal



NO SCALE

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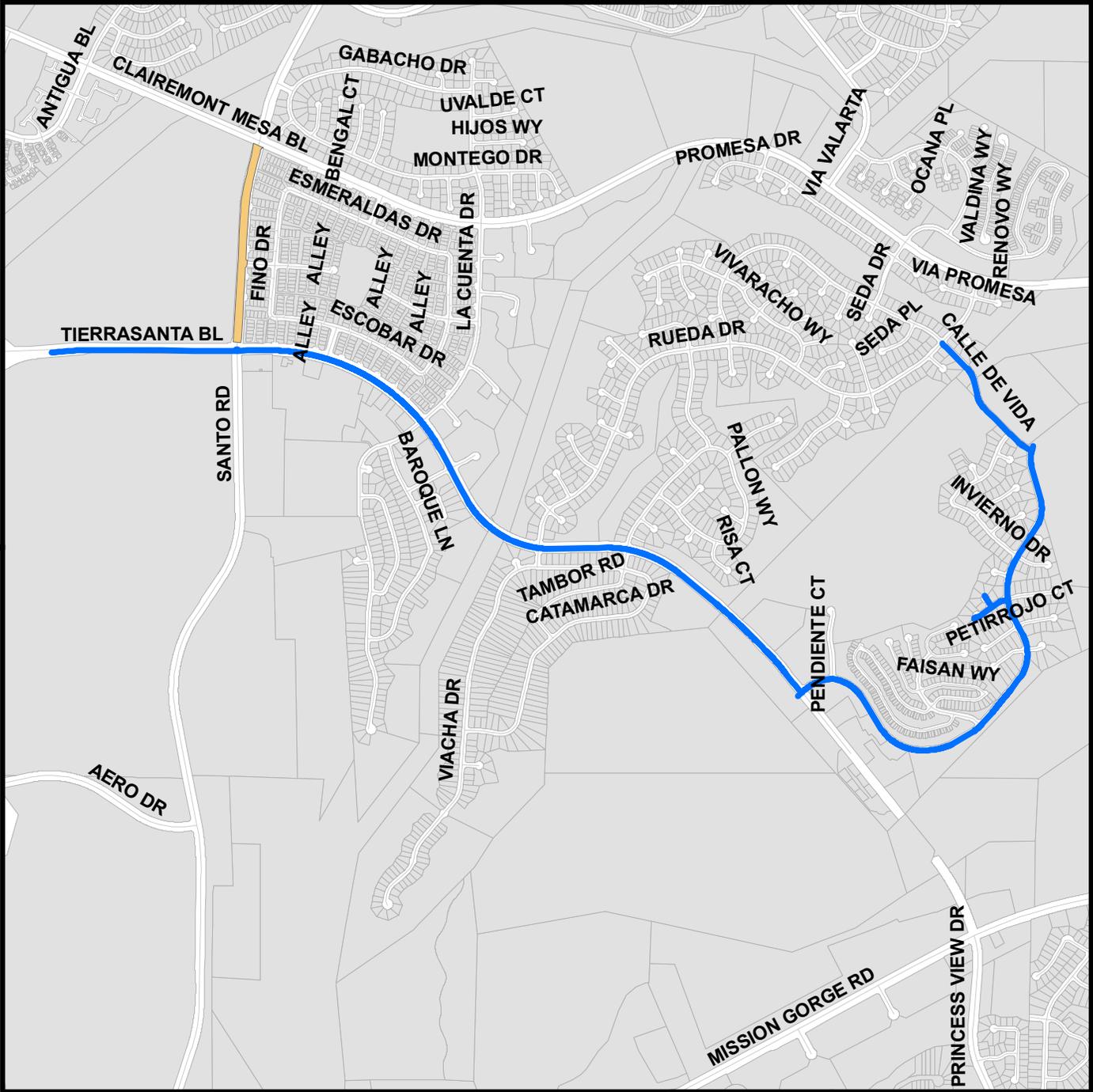
### Asphalt Resurfacing Group 1702

SENIOR ENGINEER  
Joshua Lahman  
619-527-7509

PROJECT MANAGER  
Chris Hudson  
619-527-8081

PROJECT ENGINEER  
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619-527-8091

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INFORMATION LINE  
(619) 533-4207



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-  B-17095 - Asphalt Resurfacing Group 1702
-  B-18181 - AC Water and Sewer Group 1056 (W)



### Asphalt Resurfacing Group 1702

SENIOR ENGINEER  
Joshua Lahman  
619-527-7509

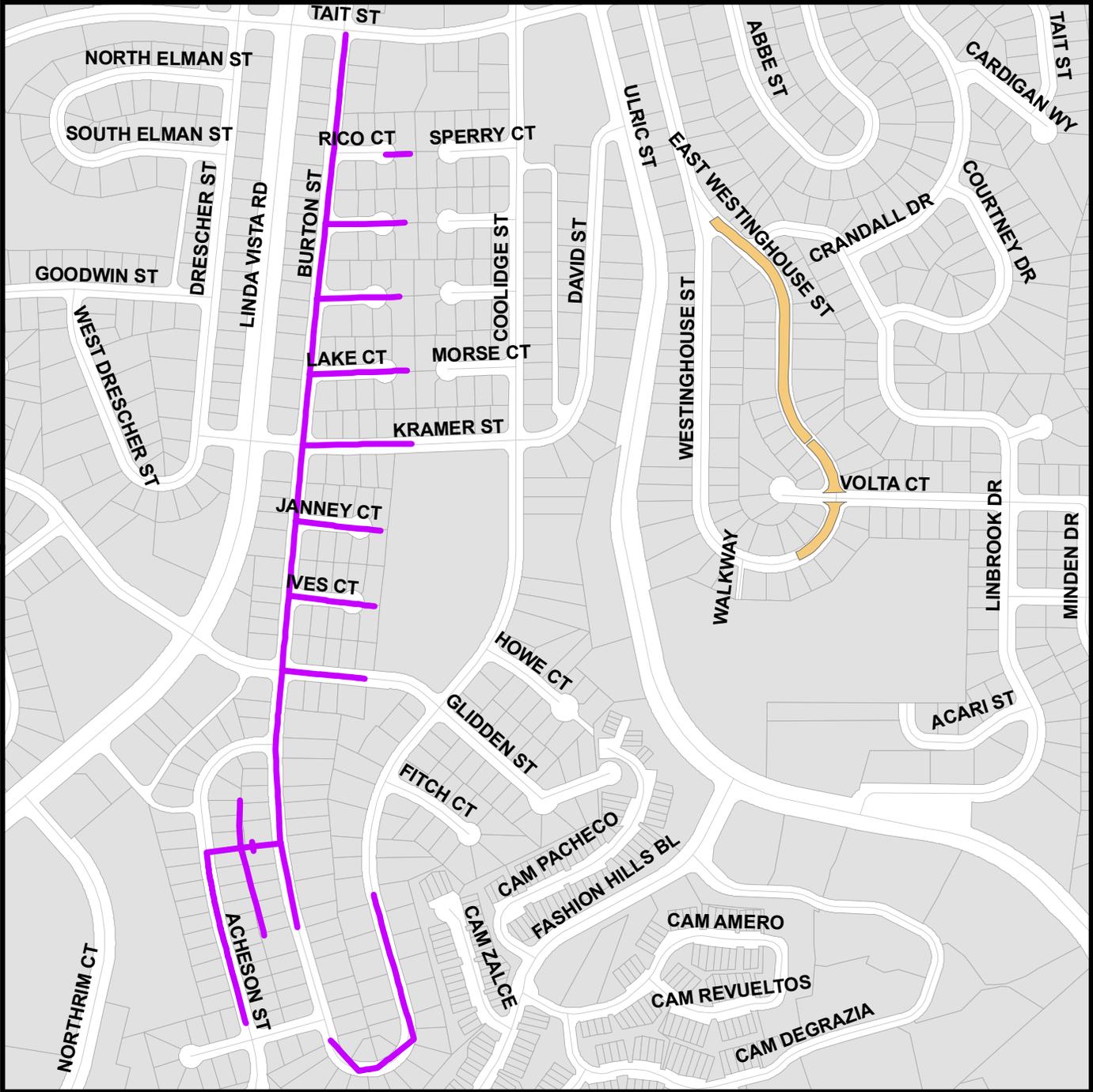
PROJECT MANAGER  
Chris Hudson  
619-527-8081

PROJECT ENGINEER  
Ottone Amore  
619-527-8091

CONSTRUCTION PROJECT  
INFORMATION LINE  
(619) 533-4207



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-  B-17095 - Asphalt Resurfacing Group 1702
-  B-17187 - Pipeline Rehabilitation AT-1



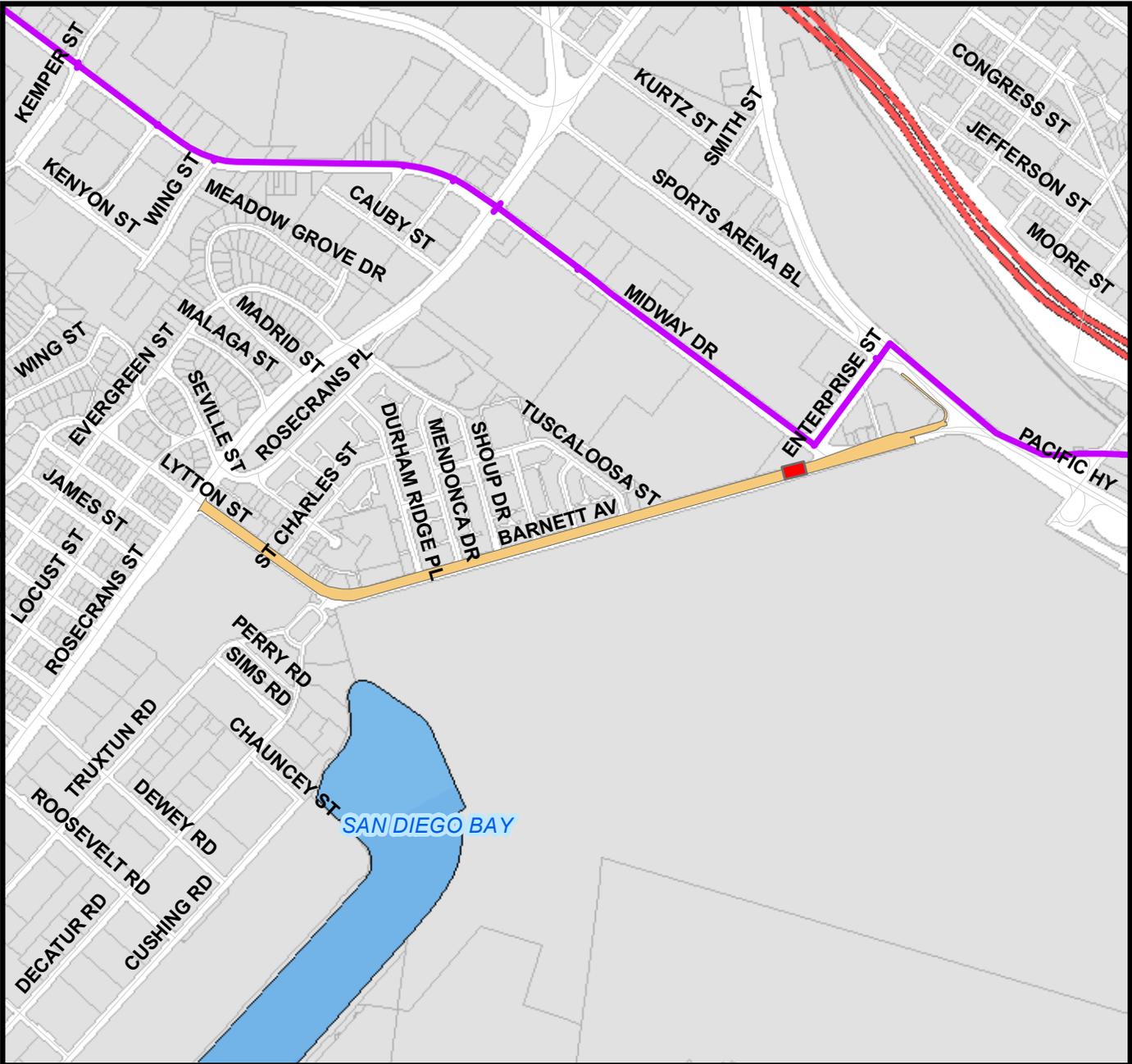
### Asphalt Resurfacing Group 1702

SENIOR ENGINEER  
Joshua Lahman  
619-527-7509

PROJECT MANAGER  
Chris Hudson  
619-527-8081

PROJECT ENGINEER  
Ottone Amore  
619-527-8091

CONSTRUCTION PROJECT  
INFORMATION LINE  
(619) 533-4207



-  B-17095 - Asphalt Resurfacing Group 1702
-  S-12015 - Pacific Beach Pipeline South (W)
-  Permit 2258893 - Mobilite small cells wireless poles installation project at Barnett AV



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**APPENDIX G**

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

**Appendix G**

City of San Diego  
Asphalt Concrete Overlay

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

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

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

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

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

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

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

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

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

Location and nature of defects:

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

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

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

Date's City Laboratory representative was present:

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

Verified the following:

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

Initials:

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

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

Quality Control Plan Administrator's Signature:

Date Signed:

\_\_\_\_\_

\_\_\_\_\_

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

# HAZARDOUS WASTE

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

GENERATOR NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_ 24 HR. PHONE ( ) \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

EPA ID NO. \_\_\_\_\_ MANIFEST DOCUMENT NO. \_\_\_\_\_

EPA WASTE NO. \_\_\_\_\_ CA WASTE NO. \_\_\_\_\_ ACCUMULATION START DATE \_\_\_\_\_ / \_\_\_\_ / \_\_\_\_

CONTENTS, COMPOSITION \_\_\_\_\_

PROPER DOT SHIPPING NAME \_\_\_\_\_

TECHNICAL NAME (S) \_\_\_\_\_

UN/NA NO. WITH PREFIX \_\_\_\_\_

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

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

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

## If you have an emergency, Call 911

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

### Questions for Incident Assessment:

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

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

\*Call 911 in an emergency\*

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

If in doubt, report the release.

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

# NON REPORTABLE RELEASE INCIDENT FORM

## 1. RELEASE AND RESPONSE DESCRIPTION

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

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

## 2. ADMINISTRATIVE INFORMATION

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

## 3. CHEMICAL INFORMATION

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

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

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

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

### **GENERAL INFORMATION:**

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

### **BASIC INSTRUCTIONS:**

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

### **SPECIFIC INSTRUCTIONS:**

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

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

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

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

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

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

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

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

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

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

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

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

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



CONSTRUCTION NOTICE

PROJECT TITLE

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

The work will consist of:

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

How your neighborhood may be impacted:

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

Hours and Days of Operation:

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

City of San Diego Contractor:

Company Name, XXX-XXX-XXXX



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

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Company Name, XXX-XXX-XXXX

**APPENDIX J**  
**ADVANCED METERING INFRASTRUCTURE**

## Protecting AMI Devices in Meter Boxes and on Street Lights

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

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

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

- A. Endpoints, see Photo 1:

**Photo 1**



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

**Photo 2**



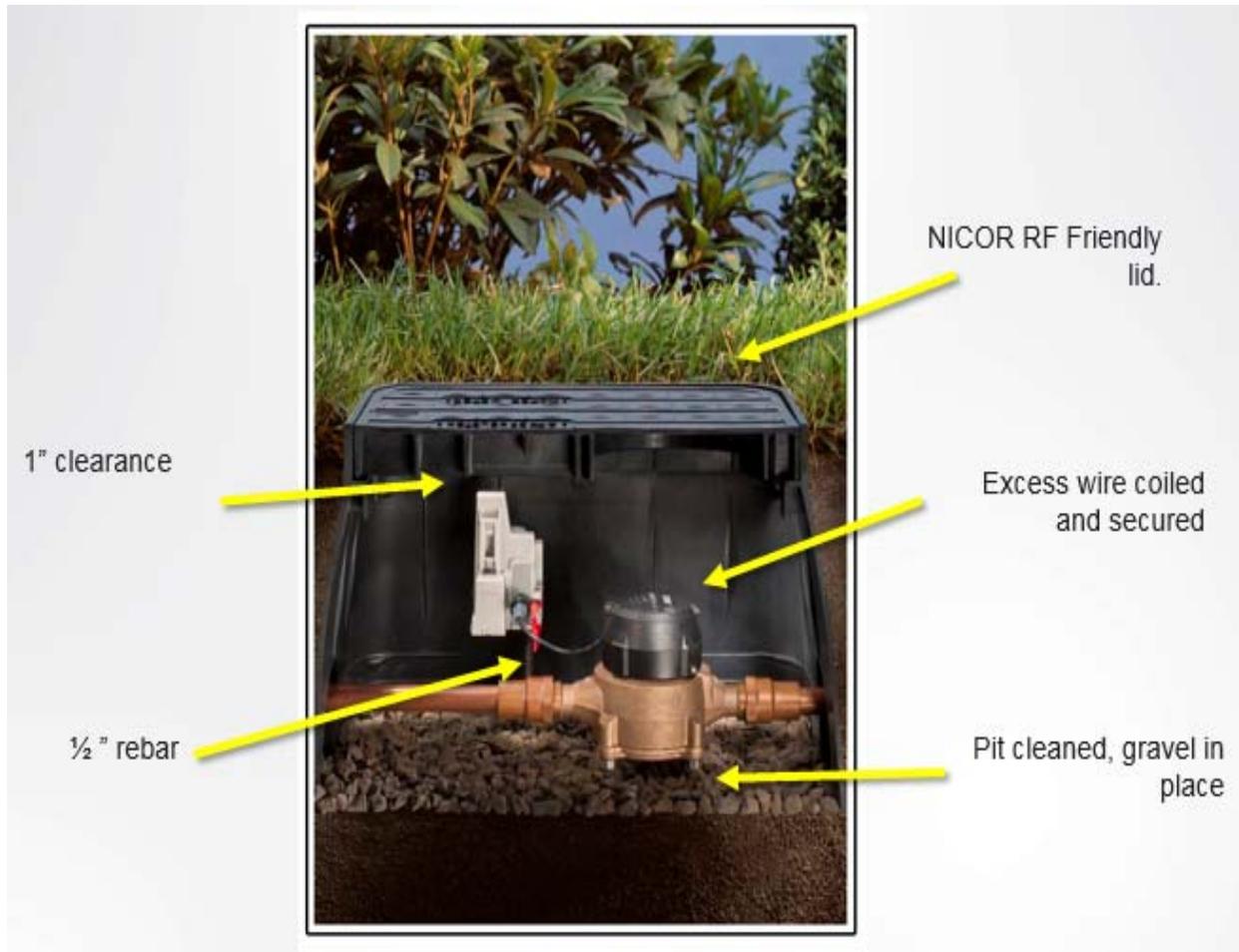
Network Devices, see Photo 3:

**Photo 3**



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

**Photo 4**



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

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

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

**Photo 5**

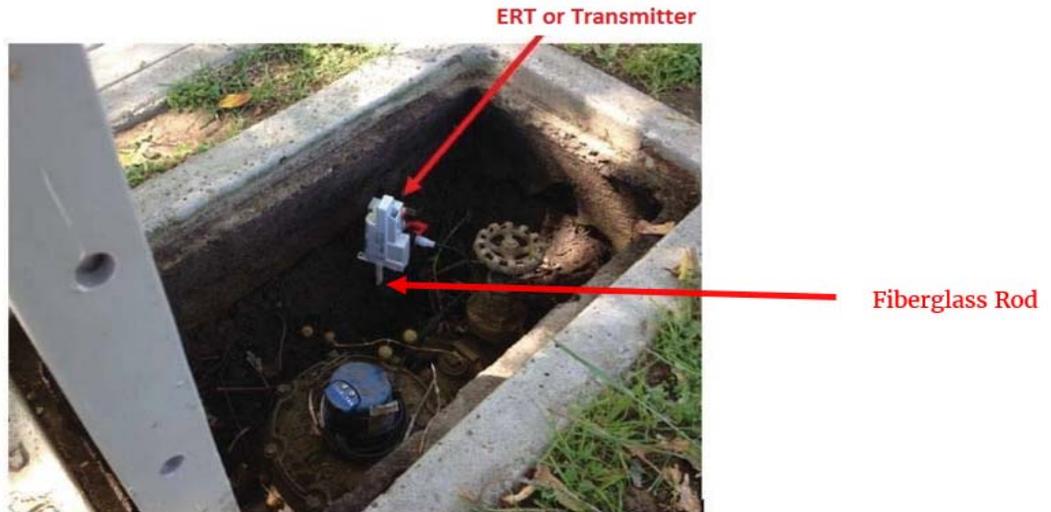


Photo 6 below is an example of disturbance that shall be avoided:

**Photo 6**



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

**Photo 7**



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

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

**Photo 8**



**Network Device**

**Photo 9**



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

## APPENDIX K

### ESTIMATED ASPHALT CONSTRUCTION QUANTITIES

| Item | Street Group | SAPID     | Item | Street Group | 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) | Surveyed Cold Mill Street Area (SF) | Asphalt Concrete - Inlay (Tons) | COLD MILL DEPTH (IN) | Speed Hump Remove & Replace (LF) | Excavation (CY) | Asphalt Concrete - Base (Tons) | Crushed Miscellaneous Base (tons) | Inlet Markers - WPCP (EA) | Inlet Protection - WPCP (EA) | Traffic Detector Loop Replacement (EA) | Traffic Detector Loop Replacement Location | TASK Comments   | Coordination  |   |
|------|--------------|-----------|------|--------------|------------------|--------------------|--------------------|------------------|-------------|-----------|------------|-------------------------|---------------------------|--------------------|-------------------|-------------------------------------|---------------------------------|----------------------|----------------------------------|-----------------|--------------------------------|-----------------------------------|---------------------------|------------------------------|--|--|---|---|---|
| A1   | 1            | SS-027743 | A1   | 1            | VIA ESPRILLO     | VIA FRONTERA       | VIA DEL CAMPO      | 5                | 1169-H3     |           | NO         | RANCHO BERNARDO         | Residential               | 1750.00            | 50.00             | 87500.0                             | 1575.00                         | 3                    |                                  | 2.73            | 2.84                           | 3.82                              |                           |                              |  | 9 SB @ W BERNARDI DR, 7 NB, 5 SB @SONY DR  | 3 IN INLAY  | Verify that Charter Communication work is completed (04/28/2019 anticipated end of work contact Raymond Harns 858-635-8266 to get confirmation) |   |
| A2   | 1            | SS-027697 | A2   | 1            | VIA DEL CAMPO    | WEST BERNARDO DR   | VIA ESPRILLO       | 5                | 1169-H3     |           | NO         | RANCHO BERNARDO         | Major                     | 1140.00            | 50.00             | 57000.0                             | 1026.00                         | 3                    |                                  | 15.94           | 16.57                          | 22.32                             | 3                         | 3                            | 21                                     |  | 3 IN INLAY - See item SM1   |   |   |
| A3   | 1            | SS-027756 | A3   | 1            | VIA FRONTERA     | Cul de Sac         | VIA ESPRILLO       | 5                | 1169-H4     |           | NO         | RANCHO BERNARDO         | Residential               | 1055.00            | 50.00             | 52750.0                             | 949.50                          | 3                    |                                  | 3.18            | 3.31                           | 4.45                              |                           |                              |  |  |   | Verify that Charter Communication work is completed (04/28/2019 anticipated end of work contact Raymond Harns 858-635-8266 to get confirmation) |   |
| A4   | 1            | SS-027757 | A4   | 1            | VIA FRONTERA     | VIA ESPRILLO       | WEST BERNARDO DR   | 5                | 1169-H4     |           | NO         | RANCHO BERNARDO         | Residential               | 640.00             | 48.00             | 30720.0                             | 552.96                          | 3                    |                                  | 22.06           | 22.93                          | 30.88                             | 1                         | 1                            | 10                                     | EB @ W BERNARDO DR                         | 3 IN INLAY  |   |   |
| A5   | 2            | SS-028450 | A5   | 2            | WEST BERNARDO DR | BERNARDO CENTER DR | TECHNOLOGY DR      | 5                | 1169-H4     |           | YES        | RANCHO BERNARDO         | Major                     | 1016.00            | 65.00             | 66040.0                             | 1188.72                         | 3                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 3 IN INLAY - Pave after Traffic signal B-17156 project complete works (6/30/2019). See Item SM2   | Coordinate work with Nazie Mansury and Fernando Lasaga. To be paved after Traffic signal B-17156 project complete works. Anticipated completion of Traffic signal project is 6/30/2019. Verify that PR001319 SDG&E work is completed (09/30/2019 anticipated end of work contact Natalia Marsman 858-636-6854 to get confirmation). |
| A6   | 2            | SS-028443 | A6   | 2            | WEST BERNARDO DR | VIA FRONTERA       | VIA DEL CAMPO      | 5                | 1169-H4     |           | YES        | RANCHO BERNARDO         | Major                     | 763.00             | 65.00             | 49595.0                             | 892.71                          | 3                    |                                  | 1.82            | 1.89                           | 2.55                              | 1                         | 1                            | 10                                     | SB @ VIA FRONTERA                          | 3 IN INLAY See item SM3   |   |   |
| A7   | 2            | SS-028444 | A7   | 2            | WEST BERNARDO DR | TECHNOLOGY DR      | VIA FRONTERA       | 5                | 1169-H4     |           | YES        | RANCHO BERNARDO         | Major                     | 695.00             | 65.00             | 45175.0                             | 813.15                          | 3                    |                                  | 0.91            | 0.95                           | 1.27                              |                           |                              |  |  | NB @ VIA FRONTERA   | 3 IN INLAY - Replace 30 If curb and gutter and 120 sf Sidewalk North of intersection with Technology Pl. See item SM3                           |   |
| A8   | 2            | SS-028442 | A8   | 2            | WEST BERNARDO DR | WEST BERNARDO CT   | RANCHO BERNARDO RD | 5                | 1169-J2     |           | YES        | RANCHO BERNARDO         | Major                     | 1405.00            | 65.00             | 91325.0                             | 1643.85                         | 3                    |                                  | 16.61           | 17.26                          | 23.25                             | 2                         | 2                            | 10                                     | NB @ W BERNARDO CT                         | 3 IN INLAY - See item SM3. Caltrans permit required   |   |   |
| A9   | 2            | SS-028449 | A9   | 2            | WEST BERNARDO DR | VIA DEL CAMPO      | WEST BERNARDO CT   | 5                | 1169-J3     |           | YES        | RANCHO BERNARDO         | Major                     | 4140.00            | 65.00             | 269100.0                            | 4843.80                         | 3                    |                                  | 32.73           | 34.02                          | 45.82                             | 1                         | 1                            | 10                                     | NB @ VIA DEL CAMPO                         | 3 IN INLAY - at 16725 see item T1. Replace 13 If curb and gutter and 60 sf sidewalk. See item SM3 |   |   |
| A10  | 3            | SS-004214 | A10  | 3            | BIG SPRINGS WY   | TURTLEBACK RD      | Cul de Sac         | 5                | 1169-J4     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 140.00             | 30.00             | 4200.0                              | 50.40                           | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |   |
| A11  | 3            | SS-004215 | A11  | 3            | BIG SPRINGS WY   | MEADOW FLOWER PL   | LOFTY TL DR        | 5                | 1169-J5     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 750.00             | 36.00             | 27000.0                             | 324.00                          | 2                    |                                  |                 | 5.82                           | 6.05                              | 8.15                      |                              |  |  |   | 2 IN INLAY  |   |
| A12  | 3            | SS-017928 | A12  | 3            | MEADOW FLOWER PL | BIG SPRINGS WY     | Cul de Sac         | 5                | 1169-J5     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 470.00             | 28.00             | 13160.0                             | 157.92                          | 2                    |                                  |                 | 206.36                         | 214.52                            | 288.91                    | 1                            | 1                                      |  |   | 2 IN INLAY  |   |
| A13  | 3            | SS-004216 | A13  | 3            | BIG SPRINGS WY   | MEADOW FLOWER PL   | TURTLEBACK RD      | 5                | 1169-J5     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 900.00             | 33.00             | 29700.0                             | 356.40                          | 2                    |                                  |                 | 30.91                          | 32.13                             | 43.27                     | 1                            | 1                                      |  |   | 2 IN INLAY  |   |
| A14  | 4            | SS-013745 | A14  | 4            | HORADO RD        | BERNARDO OAKS DR   | FELICE DR          | 5                | 1170-B4     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 245.00             | 34.00             | 8330.0                              | 99.96                           | 2                    |                                  |                 | 17.58                          | 18.27                             | 24.61                     |                              |  |  |   | 2 IN INLAY  |   |
| A15  | 4            | SS-013746 | A15  | 4            | HORADO RD        | RAMADA DR          | BERNARDO OAKS DR   | 5                | 1170-B4     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 785.00             | 34.00             | 26690.0                             | 320.28                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |   |
| A16  | 4            | SS-013742 | A16  | 4            | HORADO RD        | HISPANO DR         | RAMADA DR          | 5                | 1170-B4     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 227.00             | 35.00             | 7945.0                              | 95.34                           | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |   |
| A17  | 4            | SS-013739 | A17  | 4            | HORADO RD        | ROCA DR            | SAMBROSA PL        | 5                | 1170-C3     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 210.00             | 34.00             | 7140.0                              | 85.68                           | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |   |
| A18  | 4            | SS-013738 | A18  | 4            | HORADO RD        | SAMBROSA PL        | GABARDA RD         | 5                | 1170-C3     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 350.00             | 34.00             | 11900.0                             | 142.80                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |   |
| A19  | 4            | SS-023957 | A19  | 4            | SAMBROSA PL      | HORADO RD          | Cul de Sac         | 5                | 1170-C3     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 280.00             | 28.00             | 7840.0                              | 94.08                           | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |   |
| A20  | 4            | SS-013740 | A20  | 4            | HORADO RD        | SARAPE DR          | ROCA DR            | 5                | 1170-C3     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 226.00             | 34.00             | 7684.0                              | 92.21                           | 2                    |                                  |                 |                                |                                   |                           |                              | 1                                      | 1  |   | 2 IN INLAY  |   |
| A21  | 4            | SS-024354 | A21  | 4            | SARAPE DR        | SENDA RD           | PIPO RD            | 5                | 1170-C4     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 324.00             | 34.00             | 11016.0                             | 132.19                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |   |
| A22  | 4            | SS-024353 | A22  | 4            | SARAPE DR        | PIPO RD            | HORADO RD          | 5                | 1170-C4     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 625.00             | 34.00             | 21250.0                             | 255.00                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |   |
| A23  | 4            | SS-013741 | A23  | 4            | HORADO RD        | SARAPE DR          | HORADO CT          | 5                | 1170-C4     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 414.00             | 34.00             | 14076.0                             | 168.91                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |   |
| A24  | 4            | SS-013743 | A24  | 4            | HORADO RD        | SENDA PL           | HORADO CT          | 5                | 1170-C4     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 225.00             | 34.00             | 7650.0                              | 91.80                           | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |   |
| A25  | 4            | SS-021865 | A25  | 4            | PIPO RD          | SARAPE DR          | ROCA DR            | 5                | 1170-C4     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 505.00             | 30.00             | 15150.0                             | 181.80                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |   |
| A26  | 4            | SS-024771 | A26  | 4            | SENDA PL         | HORADO RD          | Cul de Sac         | 5                | 1170-C4     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 150.00             | 30.00             | 4500.0                              | 54.00                           | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |   |
| A27  | 4            | SS-013737 | A27  | 4            | HORADO CT        | HORADO RD          | Cul de Sac         | 5                | 1170-C4     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 296.00             | 28.00             | 8288.0                              | 99.46                           | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |   |
| A28  | 4            | SS-013744 | A28  | 4            | HORADO RD        | FELICE DR          | SENDA PL           | 5                | 1170-C4     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 230.00             | 36.00             | 8280.0                              | 99.36                           | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |   |
| A29  | 4            | SS-024355 | A29  | 4            | SARAPE DR        | MANILLA RD         | SENDA RD           | 5                | 1170-C4     | Tuesday   | NO         | RANCHO BERNARDO         | Residential               | 280.00             | 34.00             | 9520.0                              | 114.24                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |   |
| A30  | 6            | SS-023956 | A30  | 6            | SAMANTHA CT      | Cul de Sac         | SAMANTHA AV        | 5                | 1189-D4     | Tuesday   | NO         | RANCHO PENASQUITOS      | Residential               | 380.00             | 28.00             | 10640.0                             | 127.68                          | 2                    |                                  |                 | 4.15                           | 4.32                              | 5.81                      |                              |  |  |   | 2 IN INLAY  |   |
| A31  | 6            | SS-023955 | A31  | 6            | SAMANTHA CT      | SAMANTHA AV        | Cul de Sac         | 5                | 1189-D4     | Tuesday   | NO         | RANCHO PENASQUITOS      | Residential               | 150.00             | 28.00             | 4200.0                              | 50.40                           | 2                    |                                  |                 | 0.61                           | 0.63                              | 0.85                      |                              |  |  |   | 2 IN INLAY  |   |
| A32  | 7            | SS-004337 | A32  | 7            | BLACK MTN RD     | FALL RIVER WY      | CARMEL MTN RD      | 5                | 1189-D4     | Tuesday   | YES        | RANCHO PENASQUITOS      | Prime                     | 675.00             | 78.00             | 52650.0                             | 947.70                          | 3                    |                                  |                 | 9.09                           | 9.45                              | 12.73                     |                              | 1                                      |  |   | 3 IN INLAY. At 13450 Sawtooth St at SE corner intersection Black Mountain Rd and Fall River Wy see item T28. See item SM4                       |   |
| A33  | 8            | SS-025962 | A33  | 8            | SURCO DR         | SANTA ARMINTA AV   | TORRELL WY         | 6                | 1209-B1     | Tuesday   | NO         | MIRA MESA               | Residential               | 307.00             | 36.00             | 11052.0                             | 132.62                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY - See item SM5. Pave after SDG&E anticipated end 07/01/2019  | Contact: Louis B. Davis at 858-636-6931 to verify that SDG&E work is completed (07/01/2019 anticipated end of work )  |
| A34  | 8            | SS-025961 | A34  | 8            | SURCO DR         | ZAPATA AV          | CALLE PINO         | 6                | 1209-B1     | Tuesday   | NO         | MIRA MESA               | Residential               | 855.00             | 34.00             | 29070.0                             | 348.84                          | 2                    |                                  |                 | 4.85                           | 5.04                              | 6.79                      |                              |  |  |   | 2 IN INLAY Pave after SDG&E anticipated end 07/01/2019  | Contact: Louis B. Davis at 858-636-6931 to verify that SDG&E work is completed (07/01/2019 anticipated end of work )  |
| A35  | 8            | SS-025960 | A35  | 8            | SURCO DR         | CALLE PINO         | SANTA ARMINTA AV   | 6                | 1209-B1     | Tuesday   | NO         | MIRA MESA               | Residential               | 256.00             | 34.00             | 8704.0                              | 104.45                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY. See item SM5 Pave after SDG&E anticipated end 07/01/2019  | Contact: Louis B. Davis at 858-636-6931 to verify that SDG&E work is completed (07/01/2019 anticipated end of work )  |
| A36  | 8            | SS-026787 | A36  | 8            | TREBOL ST        | ZAPATA AV          | CALLE PINO         | 6                | 1209-B2     | Tuesday   | NO         | MIRA MESA               | Residential               | 776.00             | 32.00             | 24832.0                             | 297.98                          | 2                    |                                  |                 | 16.67                          | 17.33                             | 23.33                     |                              |  |  |   | 2 IN INLAY Pave after SDG&E anticipated end 07/01/2019  | Contact: Louis B. Davis at 858-636-6931 to verify that SDG&E work is completed (07/01/2019 anticipated end of work )  |
| A37  | 9            | SS-005519 | A37  | 9            | CALLE DEL HUMO   | DEDO PL            | SANTA ARMINTA AV   | 6                | 1209-B1     | Tuesday   | NO         | MIRA MESA               | Residential               | 445.00             | 32.00             | 14240.0                             | 170.88                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |   |
| A38  | 9            | SS-005518 | A38  | 9            | CALLE DEL HUMO   | AVNDA DEL GATO     | DEDO PL            | 6                | 1209-B1     | Tuesday   | NO         | MIRA MESA               | Residential               | 206.00             | 32.00             | 6592.0                              | 79.10                           | 2                    |                                  |                 | 16.67                          | 17.33                             | 23.33                     |                              |  |  |   | 2 IN INLAY  |   |
| A39  | 9            | SS-008867 | A39  | 9            | DEDO PL          | Cul de Sac         | CALLE DEL HUMO     | 6                | 1209-B1     | Tuesday   | NO         | MIRA MESA               | Residential               | 134.00             | 45.00             | 6030.0                              | 72.36                           | 2                    |                                  |                 | 4.55                           | 4.73                              | 6.36                      |                              |  |  |   | 2 IN INLAY  |   |
| A40  | 10           | SS-011540 | A40  | 10           | FROBISHER ST     | REAGAN RD          | FROBISHER CR       | 6                | 1209-C4     | Tuesday   | NO         | MIRA MESA               | Residential               | 132.00             | 32.00             | 4224.0                              | 50.69                           | 2                    |                                  |                 | 16.73                          | 17.39                             | 23.42                     |                              |  |  |   | 2 IN INLAY  |   |
| A41  | 10           | SS-011541 | A41  | 10           | FROBISHER ST     | FROBISHER CR       | WESTONHILL DR      | 6                | 1209-C4     | Tuesday   | NO         | MIRA MESA               | Residential               | 677.00             | 32.00             | 21664.0                             | 259.97                          | 2                    |                                  |                 | 82.85                          | 86.12                             | 115.99                    |                              |  |  |   | 2 IN INLAY  |   |
| A42  | 10           | SS-011539 | A42  | 10           | FROBISHER CR     | FROBISHER ST       | Cul de Sac         | 6                | 1209-C4     | Tuesday   | NO         | MIRA MESA               | Residential               | 142.00             | 45.00             | 6390.0                              | 76.68                           | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |   |
| A43  | 11           | SS-021551 | A43  | 11           | PEGASUS AV       | DELPHINUS WY       | PENTICTON WY       | 6                | 1209-D2     | Tuesday   | NO         | MIRA MESA               | Residential               | 260.00             | 38.00             | 9880.0                              | 118.56                          | 2                    |                                  |                 | 3.88                           | 4.03                              | 5.43                      |                              |  |  |   | 2 IN INLAY  |   |
| A44  | 11           | SS-021550 | A44  | 11           | PEGASUS AV       | CAPRICORN WY       | PENTICTON WY       | 6                | 1209-D2     | Tuesday   | NO         | MIRA MESA               | Residential               | 1056.00            | 38.00             | 40128.0                             | 481.54                          | 2                    |                                  |                 | 83.58                          | 86.88                             | 117.01                    |                              |  |  |   | 2 IN INLAY  |   |
| A45  | 11           | SS-008196 | A45  | 11           | CRATER DR        | PENTICTON WY       | CAPRICORN WY       |                  |             |           |            |                         |                           |                    |                   |                                     |                                 |                      |                                  |                 |                                |                                   |                           |                              |  |  |   |   |   |

| Item | Street Group | SAPID     | Item | Street Group | 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) | Surveyed Cold Mill Street Area (SF) | Asphalt Concrete - Inlay (Tons) | COLD MILL DEPTH (IN) | Speed Hump Remove & Replace (LF) | Excavation (CY) | Asphalt Concrete - Base (Tons) | Crushed Miscellaneous Base (tons) | Inlet Markers - WPCP (EA) | Inlet Protection - WPCP (EA) | Traffic Detector Loop Replacement (EA) | Traffic Detector Loop Replacement Location | TASK Comments | Coordination   |   |  |
|------|--------------|-----------|------|--------------|----------------|----------------|-----------------------|------------------|-------------|-----------|------------|-------------------------|---------------------------|--------------------|-------------------|-------------------------------------|---------------------------------|----------------------|----------------------------------|-----------------|--------------------------------|-----------------------------------|---------------------------|------------------------------|--|--|---------------|--|---|--|
| A70  | 17           | SS-012804 | A70  | 17           | GUINCHO RD     | HERMANOS RD    | LA DUENA WY           | 7                | 1229-H7     | Friday    | NO         | TIERRASANTA             | Residential               | 423.00             | 34.00             | 14382.0                             | 172.58                          | 2                    |                                  |                 |                                |                                   | 1                         | 1                            |  |  | 2 IN INLAY.   |  |   |  |
| A71  | 17           | SS-012803 | A71  | 17           | GUINCHO RD     | LA DUENA WY    | GUINCHO PL            | 7                | 1229-H7     | Friday    | NO         | TIERRASANTA             | Residential               | 182.00             | 32.00             | 5824.0                              | 69.89                           | 2                    |                                  | 0.18            | 0.19                           | 0.25                              |                           | 1                            | 1                                      |  |               | 2 IN INLAY.  |   |  |
| A72  | 17           | SS-026701 | A72  | 17           | TORTUGA RD     | HERMANOS CT    | ANTIGUA BL            | 7                | 1229-H7     | Friday    | NO         | TIERRASANTA             | Residential               | 264.00             | 32.00             | 8448.0                              | 101.38                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |               |  | 2 IN INLAY.   |  |
| A73  | 17           | SS-026700 | A73  | 17           | TORTUGA RD     | HERMANOS CT    | AVNDA SANCHEZ         | 7                | 1229-H7     | Friday    | NO         | TIERRASANTA             | Residential               | 265.00             | 32.00             | 8480.0                              | 101.76                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |               |  | 2 IN INLAY.   |  |
| A74  | 17           | SS-013377 | A74  | 17           | HERMANOS RD    | GUINCHO RD     | EL CABO CT            | 7                | 1229-H7     | Friday    | NO         | TIERRASANTA             | Residential               | 351.00             | 33.00             | 11583.0                             | 139.00                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |               |  | 2 IN INLAY.   |  |
| A75  | 17           | SS-013376 | A75  | 17           | HERMANOS CT    | HERMANOS RD    | Cul de Sac            | 7                | 1229-H7     | Friday    | NO         | TIERRASANTA             | Residential               | 226.00             | 30.00             | 6780.0                              | 81.36                           | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |               |  | 2 IN INLAY.   |  |
| A76  | 17           | SS-013378 | A76  | 17           | HERMANOS RD    | HERMANOS CT    | EL CABO CT            | 7                | 1229-H7     | Friday    | NO         | TIERRASANTA             | Residential               | 230.00             | 33.00             | 7590.0                              | 91.08                           | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |               |  | 2 IN INLAY.   |  |
| A77  | 18           | SS-015299 | A77  | 18           | KLEEFELD AV    | SAMOSSET AV    | WILLAMETTE AV         | 6                | 1248-E1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 250.00             | 38.00             | 9500.0                              | 114.00                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |               |  | 2 IN INLAY - At 4658 see item T8. Replace 13 lf curb and gutter and 200 sf sidewalk                     |  |
| A78  | 18           | SS-015303 | A78  | 18           | KLEEFELD AV    | BANNOCK AV     | CLAIREMONT MESA (FTG) | 6                | 1248-E1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 283.00             | 40.00             | 11320.0                             | 135.84                          | 2                    |                                  | 31.85           | 33.11                          | 44.59                             |                           |                              |  |  |               |  | 2 IN INLAY  |  |
| A79  | 18           | SS-015298 | A79  | 18           | KLEEFELD AV    | BANNOCK AV     | SUSQUEHANNA PL        | 6                | 1248-E1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 204.00             | 38.00             | 7752.0                              | 93.02                           | 2                    |                                  | 12.48           | 12.98                          | 17.48                             |                           | 2                            | 2                                      |  |               | 2 IN INLAY   |   |  |
| A80  | 18           | SS-015297 | A80  | 18           | KLEEFELD AV    | BANNOCK AV     | SUSQUEHANNA PL        | 6                | 1248-E1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 689.00             | 38.00             | 26182.0                             | 314.18                          | 2                    |                                  | 3.94            | 4.10                           | 5.52                              |                           |                              |  |  |               |  | 2 IN INLAY  |  |
| A81  | 18           | SS-026238 | A81  | 18           | TECUMSEH WY    | SAGINAW AV     | KLEEFELD AV           | 6                | 1248-E1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 875.00             | 28.00             | 24500.0                             | 294.00                          | 2                    |                                  | 3.79            | 3.94                           | 5.30                              |                           |                              |  |  |               | 2 IN INLAY - At 4320 and 4336 see item T9. At 4320 replace 16 lf curb and gutter and 60 sf brick tiled hardscape.  |   |  |
| A82  | 18           | SS-025976 | A82  | 18           | SUSQUEHANNA PL | BANNOCK AV     | KLEEFELD AV           | 6                | 1248-E1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 315.00             | 30.00             | 9450.0                              | 113.40                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |               |  | 2 IN INLAY  |  |
| A83  | 18           | SS-003540 | A83  | 18           | BANNOCK AV     | SUSQUEHANNA PL | KLEEFELD AV           | 6                | 1248-E1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 783.00             | 28.00             | 21924.0                             | 263.09                          | 2                    |                                  | 75.39           | 78.37                          | 105.55                            |                           |                              |  |  |               |  | 2 IN INLAY. At 4173 see item T10  |  |
| A84  | 18           | SS-028795 | A84  | 18           | WILLAMETTE AV  | ROLFE RD       | KLEEFELD AV           | 6                | 1248-E1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 1215.00            | 36.00             | 43740.0                             | 524.88                          | 2                    |                                  | 11.52           | 11.97                          | 16.12                             |                           | 2                            | 2                                      |  |               | 2 IN INLAY - at 4104 and 4111 see item T11. Replace 60 lf curb and gutter  |   |  |
| A85  | 18           | SS-018218 | A85  | 18           | MIAMI WY       | CINDY ST       | MIAMI CT              | 6                | 1248-E2     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 425.00             | 28.00             | 11900.0                             | 142.80                          | 2                    |                                  | 0.48            | 0.50                           | 0.68                              |                           |                              |  |  |               | 2 IN INLAY - At 4519 and 4545 see item T12. Replace 42 lf Curb and gutter and 320 sf sidewalk  |   |  |
| A86  | 18           | SS-018216 | A86  | 18           | MIAMI CT       | MIAMI WY       | Cul de Sac            | 6                | 1248-E2     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 275.00             | 35.00             | 9625.0                              | 115.50                          | 2                    |                                  | 1.21            | 1.26                           | 1.70                              |                           |                              |  |  |               | 2 IN INLAY   |   |  |
| A87  | 18           | SS-015300 | A87  | 18           | KLEEFELD AV    | TECUMSEH WY    | SAMOSSET AV           | 6                | 1248-F1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 255.00             | 33.00             | 8415.0                              | 100.98                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |               |  | 2 IN INLAY  |  |
| A88  | 18           | SS-015301 | A88  | 18           | KLEEFELD AV    | TECUMSEH WY    | VALLEJO AV            | 6                | 1248-F1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 260.00             | 34.00             | 8840.0                              | 106.08                          | 2                    |                                  | 8.91            | 9.26                           | 12.47                             |                           |                              |  |  |               | 2 IN INLAY   |   |  |
| A89  | 18           | SS-015302 | A89  | 18           | KLEEFELD AV    | Cul de Sac     | VALLEJO AV            | 6                | 1248-F1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 175.00             | 35.00             | 6125.0                              | 73.50                           | 2                    |                                  |                 |                                |                                   |                           | 1                            | 1                                      |  |               | 2 IN INLAY   |   |  |
| A90  | 18           | SS-023958 | A90  | 18           | SAMOSSET AV    | KLEEFELD AV    | Cul de Sac            | 6                | 1248-F1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 202.00             | 31.00             | 6262.0                              | 75.14                           | 2                    |                                  |                 |                                |                                   |                           | 1                            | 1                                      |  |               | 2 IN INLAY   |   |  |
| A91  | 19           | SS-017047 | A91  | 19           | LYRIC LN       | BELLVALE AV    | LIMERICK AV           | 6                | 1248-H2     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 236.00             | 40.00             | 9440.0                              | 113.28                          | 2                    |                                  | 5.82            | 6.05                           | 8.15                              |                           |                              |  |  |               | 2 IN INLAY. X-GUTTER @ LIMERICK AV. SPANDREL @ BELLVALE AV. At 4601 see item T5  |   |  |
| A92  | 19           | SS-017048 | A92  | 19           | LYRIC LN       | BOWDEN AV      | BELLVALE AV           | 6                | 1248-H2     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 293.00             | 40.00             | 11720.0                             | 140.64                          | 2                    |                                  | 5.33            | 5.54                           | 7.47                              |                           |                              |  |  |               | 2 IN INLAY. At 4573 see item T6. XGUTTER at CHATEAU. 15 LF CURB&GUTTER and 60 sf sidewalk at 4509. 36 LF C&G and 84 sf sidewalk at 4503, 14 C and G A/F 4503 |   |  |
| A93  | 19           | SS-017050 | A93  | 19           | LYRIC LN       | CHATEAU DR     | CANOSA AV             | 6                | 1248-H2     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 238.00             | 40.00             | 9520.0                              | 114.24                          | 2                    |                                  | 2.42            | 2.52                           | 3.39                              |                           |                              |  |  |               | 2 IN INLAY. XGUTTER at CHATEAU. 14 LF CURB and GUTTER at 4509 TREE. 14 LF C and G at 4503, 14 C and G A/F 4503 -At 4503 and 4509 see item T7                 |   |  |
| A94  | 19           | SS-017049 | A94  | 19           | LYRIC LN       | CANOSA AV      | BOWDEN AV             | 6                | 1248-H2     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 320.00             | 40.00             | 12800.0                             | 153.60                          | 2                    |                                  | 3.24            | 3.37                           | 4.54                              |                           |                              |  |  |               | 2 IN INLAY. SPANDREL @ CANOSA  |   |  |
| A95  | 19           | SS-026814 | A95  | 19           | TRIANA ST      | SOUTHAMPTON ST | CHESHIRE ST           | 6                | 1248-G1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 248.00             | 36.00             | 8928.0                              | 107.14                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |               |  | 2 IN INLAY  |  |
| A96  | 19           | SS-026813 | A96  | 19           | TRIANA ST      | ALMAYO AV      | SOUTHAMPTON ST        | 6                | 1248-G1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 364.00             | 33.00             | 12012.0                             | 144.14                          | 2                    |                                  | 2.18            | 2.27                           | 3.05                              |                           |                              |  |  |               | 2 IN INLAY - at N side 4685 see item T15. Replace 21 lf curb and gutter  |   |  |
| A97  | 19           | SS-026816 | A97  | 19           | TRIANA ST      | DERRICK DR     | ALLENHURST PL         | 6                | 1248-G1     | Wednesday | NO         | CLAIREMONT MESA         | Prime                     | 253.00             | 37.00             | 9361.0                              | 168.50                          | 3                    |                                  | 47.55           | 49.42                          | 66.56                             |                           |                              |  |  |               | 3 IN INLAY - Notify the school prior to start work and coordinate  |   |  |
| A98  | 19           | SS-002171 | A98  | 19           | ALMAYO CT      | Cul de Sac     | ALMAYO AV             | 6                | 1248-G1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 349.00             | 28.00             | 9772.0                              | 117.26                          | 2                    |                                  | 5.45            | 5.67                           | 7.64                              |                           | 1                            | 1                                      |  |               | 2 IN INLAY - At 4926 and 4934 see item T13. Replace 54 lf curb and gutter  |   |  |
| A99  | 19           | SS-026815 | A99  | 19           | TRIANA ST      | CHESHIRE ST    | DERRICK DR            | 6                | 1248-G1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 238.00             | 38.00             | 9044.0                              | 162.79                          | 3                    |                                  | 0.48            | 0.50                           | 0.68                              |                           |                              |  |  |               | 3 IN INLAY   |   |  |
| A100 | 19           | SS-026818 | A100 | 19           | TRIANA ST      | SEAFORD PL     | ANDALUSIA AV          | 6                | 1248-H1     | Wednesday | NO         | CLAIREMONT MESA         | Prime                     | 234.00             | 40.00             | 9360.0                              | 168.48                          | 3                    |                                  |                 |                                |                                   |                           |                              |  |  |               | 3 IN INLAY See item SM6. Notify the school prior to start work and coordinate  |   |  |
| A101 | 19           | SS-026819 | A101 | 19           | TRIANA ST      | ANDALUSIA AV   | LIMERICK AV           | 6                | 1248-H1     | Wednesday | NO         | CLAIREMONT MESA         | Prime                     | 250.00             | 39.00             | 9750.0                              | 175.50                          | 3                    |                                  |                 |                                |                                   |                           |                              |  |  |               | 3 IN INLAY. See item SM6. Notify the school prior to start work and coordinate   |   |  |
| A102 | 19           | SS-026817 | A102 | 19           | TRIANA ST      | ALLENHURST PL  | SEAFORD PL            | 6                | 1248-H1     | Wednesday | NO         | CLAIREMONT MESA         | Prime                     | 245.00             | 39.00             | 9555.0                              | 171.99                          | 3                    |                                  | 13.27           | 13.80                          | 18.58                             |                           |                              |  |  |               | 3 IN INLAY. Notify the school prior to start work and coordinate   |   |  |
| A103 | 19           | SS-026820 | A103 | 19           | TRIANA ST      | LIMERICK AV    | DOLIVA DR             | 6                | 1248-H1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 935.00             | 39.00             | 36465.0                             | 437.58                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |               | 2 IN INLAY. At 5350 see item T14. See item SM7   |   |  |
| A104 | 19           | SS-002169 | A104 | 19           | ALMAYO AV      | ALMAYO CT      | TRIANA ST             | 6                | 1248-G1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 183.00             | 40.00             | 7320.0                              | 87.84                           | 2                    |                                  | 8.36            | 8.69                           | 11.71                             |                           |                              |  |  |               | 2 IN INLAY - at E side 4958 see item T16. Replace 21 lf curb and gutter  |   |  |
| A105 | 19           | SS-002170 | A105 | 19           | ALMAYO AV      | Cul de Sac     | ALMAYO CT             | 6                | 1248-G2     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 280.00             | 28.00             | 7840.0                              | 94.08                           | 2                    |                                  | 0.76            | 0.79                           | 1.06                              |                           |                              |  |  |               | 2 IN INLAY   |   |  |
| A106 | 20           | SS-006123 | A106 | 20           | CANNINGTON DR  | LIEBEL CT      | KESLING ST            | 6                | 1248-J1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 1276.00            | 38.00             | 48488.0                             | 581.86                          | 2                    |                                  | 5.58            | 5.80                           | 7.81                              |                           | 1                            | 1                                      |  |               | 2 IN INLAY. Pave intersection with Mt Abernathy Av and Warhawk Dr. See item SM8  | Contact Torger Torgersen (NAVY NAVFAC) to coordinate conflict with Miramar pipeline relocation project. |  |
| A107 | 20           | SS-006133 | A107 | 20           | CANNINGTON DR  | HANNON CT      | LIEBEL CT             | 6                | 1248-J1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 895.00             | 38.00             | 34010.0                             | 408.12                          | 2                    |                                  | 0.48            | 0.50                           | 0.68                              |                           | 1                            | 1                                      |  |               | 2 IN INLAY - at 4775 see item T17. Replace 60 lf curb and gutter and 80 sf sidewalk  | Contact Torger Torgersen (NAVY NAVFAC) to coordinate conflict with Miramar pipeline relocation project. |  |
| A108 | 20           | SS-006124 | A108 | 20           | CANNINGTON DR  | PRINTWOOD WY   | HANNON CT             | 6                | 1248-J1     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 232.00             | 38.00             | 8816.0                              | 105.79                          | 2                    |                                  |                 |                                |                                   |                           | 2                            | 2                                      |  |               | 2 IN INLAY See item SM9  | Contact Torger Torgersen (NAVY NAVFAC) to coordinate conflict with Miramar pipeline relocation project. |  |
| A109 | 20           | SS-006125 | A109 | 20           | CANNINGTON DR  | CLEEVE WY      | PRINTWOOD WY          | 6                | 1248-J2     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 230.00             | 38.00             | 8740.0                              | 104.88                          | 2                    |                                  | 6.67            | 6.93                           | 9.33                              |                           |                              |  |  |               | 2 IN INLAY. Notify the school prior to start work and coordinate. See item T18. See items SM9 and SM10   | Contact City arborist Christine Stoltz before root pruning  |  |
| A110 | 20           | SS-006126 | A110 | 20           | CANNINGTON DR  | CHEAMES WY     | CLEEVE WY             | 6                | 1248-J2     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 248.00             | 38.00             | 9424.0                              | 113.09                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |               | 2 IN INLAY. Notify the school prior to start work and coordinate. See item SM10 and SM11   |   |  |
| A111 | 20           | SS-006127 | A111 | 20           | CANNINGTON DR  | ARUNDEL PL     | CHEAMES WY            | 6                | 1248-J2     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 250.00             | 38.00             | 9500.0                              | 114.00                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |               | 2 IN INLAY. Notify the school prior to start work and coordinate. See items SM11 and SM12  |   |  |
| A112 | 20           | SS-006128 | A112 | 20           | CANNINGTON DR  | FOYLE WY       | ARUNDEL PL            | 6                | 1248-J2     | Wednesday | NO         | CLAIREMONT MESA         | Residential               | 335.00             | 38.00             | 12730.0                             | 152.76                          | 2                    |                                  | 2.42            | 2.52                           | 3.39                              |                           | 1                            | 1                                      |  |               | 2 IN INLAY. Notify the school prior to start work and coordinate. See items SM12 and SM13  |   |  |
| A113 | 20           | SS-006129 | A113 | 20           | CANNINGTON DR  | CHANDLER DR    | FOYLE WY              | 6                | 12          |           |            |                         |                           |                    |                   |                                     |                                 |                      |                                  |                 |                                |                                   |                           |                              |  |  |               |  |   |  |

| Item | Street Group | SAPID     | Item | Street Group | 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) | Surveyed Cold Mill Street Area (SF) | Asphalt Concrete - Inlay (Tons) | COLD MILL DEPTH (IN) | Speed Hump Remove & Replace (LF) | Excavation (CY) | Asphalt Concrete - Base (Tons) | Crushed Miscellaneous Base (tons) | Inlet Markers - WPCP (EA) | Inlet Protection - WPCP (EA) | Traffic Detector Loop Replacement (EA) | Traffic Detector Loop Replacement Location   | TASK Comments   | Coordination  |  |
|------|--------------|-----------|------|--------------|----------------------|------------------------|-----------------------|------------------|-------------|-----------|------------|-------------------------|---------------------------|--------------------|-------------------|-------------------------------------|---------------------------------|----------------------|----------------------------------|-----------------|--------------------------------|-----------------------------------|---------------------------|------------------------------|--|--|---|---|--|
| A130 | 23           | SS-012251 | A130 | 23           | GLENROY ST           | HILLSBORO ST           | COTTAGE AV            | 7                | 1250-B5     | Friday    | NO         | NAVAJO                  | Residential               | 214.00             | 34.00             | 7276.0                              | 87.31                           | 2                    |                                  | 4.91            | 5.10                           | 6.87                              |                           |                              |  |  | 2 IN INLAY  | Pave after B17187 Pipeline Rehab AT-1 activities are ended (Anticipated end 2019 October 28). Contact PM Neda Sharara or CMs Eddy Wibowo and Alireza Heidari  |  |
| A131 | 23           | SS-012252 | A131 | 23           | GLENROY ST           | BRUNSWICK AV           | HILLSBORO ST          | 7                | 1250-B5     | Friday    | NO         | NAVAJO                  | Residential               | 410.00             | 34.00             | 13940.0                             | 167.28                          | 2                    |                                  | 6.39            | 6.65                           | 8.95                              |                           |                              |  |  | 2 IN INLAY  | Pave after B17187 Pipeline Rehab AT-1 activities are ended (Anticipated end 2019 October 28). Contact PM Neda Sharara or CMs Eddy Wibowo and Alireza Heidari  |  |
| A132 | 23           | SS-011761 | A132 | 23           | GALA AV              | HAMILL AV              | BIRCHWOOD ST          | 7                | 1250-B5     | Friday    | NO         | NAVAJO                  | Residential               | 228.00             | 34.00             | 7752.0                              | 93.02                           | 2                    |                                  | 2.67            | 2.77                           | 3.73                              |                           |                              |  |  | 2 IN INLAY  |   |  |
| A133 | 23           | SS-012951 | A133 | 23           | HAMILL AV            | GALA AV                | ELDRIDGE ST           | 7                | 1250-C5     | Friday    | NO         | NAVAJO                  | Residential               | 1400.00            | 34.00             | 47600.0                             | 571.20                          | 2                    |                                  | 13.64           | 14.18                          | 19.09                             | 2                         | 2                            |  |  | 2 IN INLAY  |   |  |
| A134 | 23           | SS-013768 | A134 | 23           | HORNER ST            | GALEWOOD ST            | Cul de Sac            | 7                | 1250-C5     | Friday    | NO         | NAVAJO                  | Residential               | 590.00             | 34.00             | 20060.0                             | 240.72                          | 2                    |                                  | 1.58            | 1.64                           | 2.21                              | 1                         | 1                            |  |  | 2 IN INLAY  |   |  |
| A135 | 23           | SS-011762 | A135 | 23           | GALA AV              | BIRCHWOOD ST           | ELDRIDGE ST           | 7                | 1250-C5     | Friday    | NO         | NAVAJO                  | Residential               | 1021.00            | 34.00             | 34714.0                             | 416.57                          | 2                    |                                  | 3.82            | 3.97                           | 5.35                              |                           |                              |  |  | 2 IN INLAY - At 5536 and 5564 see item T20 . Replace 15 lf curb and gutter and 124 sf sidewalk. Replace 40 lf curb and gutter |   |  |
| A136 | 23           | SS-013769 | A136 | 23           | HORNER ST            | BRUNSWICK AV           | GALEWOOD ST           | 7                | 1250-C6     | Friday    | NO         | NAVAJO                  | Residential               | 720.00             | 34.00             | 24480.0                             | 293.76                          | 2                    |                                  | 6.06            | 6.30                           | 8.48                              |                           |                              |  |  | 2 IN INLAY  |   |  |
| A137 | 23           | SS-005075 | A137 | 23           | BRUNSWICK AV         | GALEWOOD ST            | HORNER ST             | 7                | 1250-C6     | Friday    | NO         | NAVAJO                  | Residential               | 220.00             | 34.00             | 7480.0                              | 89.76                           | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |  |
| A138 | 24           | SS-005085 | A138 | 24           | BRYNWOOD WY          | PASATIEMPO AV          | BRYNWOOD CT           | 7                | 1250-D6     | Friday    | NO         | NAVAJO                  | Residential               | 190.00             | 34.00             | 6460.0                              | 77.52                           | 2                    |                                  | 3.03            | 3.15                           | 4.24                              |                           |                              |  |  | 2 IN INLAY LIMITES at 6533/6534   |   |  |
| A139 | 24           | SS-005083 | A139 | 24           | BRYNWOOD CT          | Cul de Sac             | BRYNWOOD WY           | 7                | 1250-D6     | Friday    | NO         | NAVAJO                  | Residential               | 490.00             | 29.00             | 14210.0                             | 170.52                          | 2                    |                                  | 10.91           | 11.34                          | 15.27                             |                           |                              |  |  | 2 IN INLAY  |   |  |
| A140 | 24           | SS-005084 | A140 | 24           | BRYNWOOD WY          | DEL PASO AV            | BRYNWOOD CT           | 7                | 1250-D6     | Friday    | NO         | NAVAJO                  | Residential               | 448.00             | 35.00             | 15680.0                             | 188.16                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |  |
| A141 | 25           | SS-007196 | A141 | 25           | CIBOLA CT            | Cul de Sac             | CIBOLA RD             | 7                | 1250-D3     | Friday    | NO         | NAVAJO                  | Residential               | 145.00             | 28.00             | 4060.0                              | 48.72                           | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |  |
| A142 | 25           | SS-007197 | A142 | 25           | CIBOLA RD            | CIBOLA CT              | HEMINGWAY AV          | 7                | 1250-D3     | Friday    | NO         | NAVAJO                  | Residential               | 312.00             | 34.00             | 10608.0                             | 127.30                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |  |
| A143 | 25           | SS-007198 | A143 | 25           | CIBOLA RD            | FORRESTAL RD           | CIBOLA CT             | 7                | 1250-D3     | Friday    | NO         | NAVAJO                  | Residential               | 575.00             | 34.00             | 19550.0                             | 234.60                          | 2                    |                                  |                 |                                |                                   |                           | 2                            | 2                                      |  |   | 2 IN INLAY  |  |
| A144 | 25           | SS-007199 | A144 | 25           | CIBOLA RD            | LAURELRIDGE RD         | FORRESTAL RD          | 7                | 1250-D4     | Friday    | NO         | NAVAJO                  | Residential               | 250.00             | 34.00             | 8500.0                              | 102.00                          | 2                    |                                  |                 |                                |                                   |                           | 2                            | 2                                      |  |   | 2 IN INLAY  |  |
| A145 | 25           | SS-011318 | A145 | 25           | FORRESTAL CT         | FORRESTAL RD           | Cul de Sac            | 7                | 1250-E4     | Friday    | NO         | NAVAJO                  | Residential               | 212.00             | 28.00             | 5936.0                              | 71.23                           | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |  |
| A146 | 25           | SS-011319 | A146 | 25           | FORRESTAL RD         | OFRIA CT               | CIBOLA RD             | 7                | 1250-D4     | Friday    | NO         | NAVAJO                  | Residential               | 464.00             | 34.00             | 15776.0                             | 189.31                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |  |
| A147 | 25           | SS-011320 | A147 | 25           | FORRESTAL RD         | OFRIA AV               | OFRIA CT              | 7                | 1250-E4     | Friday    | NO         | NAVAJO                  | Residential               | 807.00             | 34.00             | 27438.0                             | 329.26                          | 2                    |                                  |                 |                                |                                   |                           | 1                            | 1                                      |  |   | 2 IN INLAY  |  |
| A148 | 25           | SS-011321 | A148 | 25           | FORRESTAL RD         | OFRIA CT               | OFRIA AV              | 7                | 1250-E4     | Friday    | NO         | NAVAJO                  | Residential               | 852.00             | 34.00             | 28968.0                             | 347.62                          | 2                    |                                  | 0.73            | 0.76                           | 1.02                              | 1                         | 1                            |  |  | 2 IN INLAY  |   |  |
| A149 | 25           | SS-011322 | A149 | 25           | FORRESTAL RD         | PARK RIDGE BL          | FORRESTAL CT          | 7                | 1250-E4     | Friday    | NO         | NAVAJO                  | Residential               | 208.00             | 34.00             | 7072.0                              | 84.86                           | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |  |
| A150 | 26           | SS-028911 | A150 | 26           | WINDING CREEK DR     | ROYAL GORGE DR         | HIGH MEADOW CT        | 7                | 1250-E3     | Friday    | NO         | NAVAJO                  | Residential               | 156.00             | 34.00             | 5304.0                              | 63.65                           | 2                    |                                  | 5.21            | 5.42                           | 7.30                              | 1                         | 1                            |  |  | 2 IN INLAY - Don't pave intersection at Shady Sands Rd  |   |  |
| A151 | 26           | SS-028912 | A151 | 26           | WINDING CREEK DR     | BELL BLUFF AV          | HIGH MEADOW CT        | 7                | 1250-E3     | Friday    | NO         | NAVAJO                  | Residential               | 345.00             | 34.00             | 11730.0                             | 140.76                          | 2                    |                                  | 5.00            | 5.20                           | 7.00                              |                           |                              |  |  | 2 IN INLAY  |   |  |
| A152 | 26           | SS-028913 | A152 | 26           | WINDING CREEK DR     | BELL BLUFF AV          | JACKSON DR            | 7                | 1250-D3     | Friday    | NO         | NAVAJO                  | Residential               | 497.00             | 50.00             | 24850.0                             | 298.20                          | 2                    |                                  | 6.97            | 7.25                           | 9.76                              | 1                         | 1                            |  |  | 2 IN INLAY - See item SM15  |   |  |
| A153 | 27           | SS-017709 | A153 | 27           | MARYFORD DR          | BOBHRD DR              | Cul de Sac            | 7                | 1250-J3     | Friday    | NO         | NAVAJO                  | Residential               | 214.00             | 32.00             | 6848.0                              | 82.18                           | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |  |
| A154 | 27           | SS-004492 | A154 | 27           | MARYFORD DR          | HIGHWOOD DR            | MARYFORD DR           | 7                | 1250-J3     | Friday    | NO         | NAVAJO                  | Residential               | 294.00             | 38.00             | 11172.0                             | 134.06                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |  |
| A155 | 27           | SS-007400 | A155 | 27           | CLIMAX CT            | Cul de Sac             | HUDSON DR             | 7                | 1250-J4     | Friday    | NO         | NAVAJO                  | Residential               | 165.00             | 45.00             | 7425.0                              | 89.10                           | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |  |
| A156 | 27           | SS-004493 | A156 | 27           | BOBHRD DR            | MAURY DR               | MARYFORD DR           | 7                | 1250-J4     | Friday    | NO         | NAVAJO                  | Residential               | 225.00             | 32.00             | 7200.0                              | 86.40                           | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |  |
| A157 | 28           | SS-017055 | A157 | 28           | LYTTON ST            | ST CHARLES ST          | ROSECRANS ST          | 2                | 1268-D6     | Monday    | ?          | MIDWAY-PACIFIC HIGHWAY  | Collector                 | 668.00             | 68.00             | 45424.0                             | 817.63                          | 3                    |                                  |                 |                                |                                   |                           | 1                            | 4                                      | 17   | NWB at Rosecrans St   | 3 IN INLAY - See item SM16  |  |
| A158 | 28           | SS-017056 | A158 | 28           | LYTTON ST            | BARNETT AV             | SELLERS PZ            | 2                | 1268-D6     | Monday    | YES        | MIDWAY-PACIFIC HIGHWAY  | Collector                 | 380.00             | 68.00             | 25840.0                             | 465.12                          | 3                    |                                  | 5.76            | 5.99                           | 8.06                              | 1                         | 1                            | 6                                      | 4 EB @ TRUXTUN RD 2 at Liberty Station entry | 3 IN INLAY - See item SM16  |   |  |
| A159 | 28           | SS-003593 | A159 | 28           | BARNETT AV           | LYTTON ST              | TRUXTUN RD (Mendonca) | 2                | 1268-E6     | Monday    | YES        | MIDWAY-PACIFIC HIGHWAY  | Major                     | 913.00             | 74.00             | 67562.0                             | 1216.12                         | 3                    |                                  | 0.48            | 0.50                           | 0.68                              | 1                         | 3                            | 10                                     | WB @ TRUXTUN RD.                             | 3 IN INLAY - See item SM16  |   |  |
| A160 | 28           | SS-003592 | A160 | 28           | BARNETT AV           | PELELIU WY             | TUSCALOOSA ST         | 2                | 1268-E6     | Monday    | YES        | MIDWAY-PACIFIC HIGHWAY  | Major                     | 600.00             | 63.00             | 37800.0                             | 680.40                          | 3                    |                                  | 5.52            | 5.73                           | 7.72                              | 1                         | 1                            | 13                                     | EB @ TUSCALOOSA.                             | 3 IN INLAY - See item SM16  |   |  |
| A161 | 28           | SS-003589 | A161 | 28           | BARNETT AV           | PELELIU WY             | MENDONCA DR           | 2                | 1268-E6     | Monday    | YES        | MIDWAY-PACIFIC HIGHWAY  | Major                     | 539.00             | 58.00             | 31262.0                             | 562.72                          | 3                    |                                  | 6.85            | 7.12                           | 9.59                              |                           |                              |  |  | 3 IN INLAY - See item SM16  |   |  |
| A162 | 28           | SS-020949 | A162 | 28           | PACIFIC HY SB OFF RA | PACIFIC HY             | BARNETT AV            | 2                | 1268-F6     | Monday    | YES        | MIDWAY-PACIFIC HIGHWAY  | Collector                 | 530.00             | 12.00             | 6360.0                              | 114.48                          | 3                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 3 IN INLAY  |  |
| A163 | 28           | SS-020937 | A163 | 28           | PACIFIC HY NB OFF RA | PACIFIC HY             | BARNETT AV            | 2                | 1268-F6     | Monday    | YES        | MIDWAY-PACIFIC HIGHWAY  | Major                     | 300.00             | 25.00             | 7500.0                              | 135.00                          | 3                    |                                  |                 |                                |                                   |                           |                              |  | 7  | 7 @ CATALINA  | 3 IN INLAY  |  |
| A164 | 28           | SS-003587 | A164 | 28           | BARNETT AV           | PACIFIC HY SB ON RA    | PACIFIC HY NB OFF RA  | 2                | 1268-F6     | Monday    | YES        | MIDWAY-PACIFIC HIGHWAY  | Major                     | 145.00             | 45.00             | 6525.0                              | 117.45                          | 3                    |                                  |                 |                                |                                   |                           | 1                            | 1                                      |  |   | 3 IN INLAY - Pave only westbound lanes  |  |
| A165 | 28           | SS-003591 | A165 | 28           | BARNETT AV           | HENDERSON AV           | MIDWAY DR             | 2                | 1268-F6     | Wednesday | YES        | MIDWAY-PACIFIC HIGHWAY  | Major                     | 1435.00            | 73.00             | 104755.0                            | 1885.59                         | 3                    |                                  | 4.12            | 4.28                           | 5.77                              | 4                         | 4                            | 21                                     | 15 WB @ HENDERSON AV; 6 EB @ MIDWAY DR       | 3 IN INLAY - See item SM16  | Resurface after 5 12015 have completed at intersection with Midway Dr (contact Roberto Vejar-Parra or Jing Debeliso) and Pave after 7/25/2019 per coordination with R. Lee (714) 757-1005 (Mobilitie small cells wireless poles installation project) |  |
| A166 | 28           | SS-003588 | A166 | 28           | BARNETT AV           | MIDWAY DR              | JESSOP LN             | 2                | 1268-F6     | Monday    | YES        | MIDWAY-PACIFIC HIGHWAY  | Major                     | 404.00             | 99.00             | 39996.0                             | 719.93                          | 3                    |                                  |                 |                                |                                   |                           |                              |  | 9  | WB @ MIDWAY DR.   | 3 IN INLAY - See item SM16  | Resurface after 5 12015 have completed at intersection with Midway Dr (contact Roberto Vejar-Parra or Jing Debeliso) |
| A167 | 28           | SS-003590 | A167 | 28           | BARNETT AV           | JESSOP LN              | PACIFIC HY SB ON RA   | 2                | 1268-F6     | Monday    | YES        | MIDWAY-PACIFIC HIGHWAY  | Major                     | 413.00             | 80.00             | 33040.0                             | 594.72                          | 3                    |                                  | 13.33           | 13.86                          | 18.67                             | 2                         | 2                            |  |  | 3 IN INLAY - See item SM16  |   |  |
| A168 | 29           | SS-009791 | A168 | 29           | EAST WESTINGHOUSE ST | VOLTA CT               | LINBROOK DR           | 7                | 1268-J1     | Wednesday | NO         | LINDA VISTA             | Residential               | 887.00             | 30.00             | 26610.0                             | 319.32                          | 2                    |                                  | 94.58           | 98.31                          | 132.41                            | 1                         | 1                            |  |  | 2 IN INLAY - Mid block cross gutter at 1782   |   |  |
| A169 | 29           | SS-009790 | A169 | 29           | EAST WESTINGHOUSE ST | WESTINGHOUSE ST        | LINBROOK DR           | 7                | 1268-J1     | Wednesday | NO         | LINDA VISTA             | Residential               | 145.00             | 30.00             | 4350.0                              | 52.20                           | 2                    |                                  | 3.15            | 3.28                           | 4.41                              |                           |                              |  |  | 2 IN INLAY  |   |  |
| A170 | 29           | SS-009792 | A170 | 29           | EAST WESTINGHOUSE ST | WESTINGHOUSE ST        | VOLTA CT              | 7                | 1268-J2     | Wednesday | NO         | LINDA VISTA             | Residential               | 278.00             | 30.00             | 8340.0                              | 100.08                          | 2                    |                                  |                 |                                |                                   |                           |                              |  |  |   | 2 IN INLAY  |  |
| A173 | 31           | SS-027423 | A173 | 31           | VANCOUVER AV         | MAPLE ST               | Cul de Sac            | 3                | 1269-G7     | Thursday  | NO         | GREATER NORTH PARK      | Local                     | 208.00             | 28.00             | 5824.0                              | 69.89                           | 2                    |                                  | 0.73            | 0.76                           | 1.02                              | 1                         | 1                            |  |  | 2 IN INLAY  |   |  |
| A174 | 31           | SS-027424 | A174 | 31           | VANCOUVER AV         | KALMIA ST              | MAPLE ST              | 3                | 1269-G7     | Thursday  | NO         | GREATER NORTH PARK      | Local                     | 597.00             | 27.00             | 16119.0                             | 193.43                          | 2                    |                                  | 31.82           | 33.08                          | 44.55                             |                           |                              |  |  | 2 IN INLAY - Remove and replace cross gutter at Maple St.   |   |  |
| A175 | 31           | SS-027425 | A175 | 31           | VANCOUVER AV         | 2377/2373 Vancouver AV | KALMIA ST             | 3                | 1289-G1     | Thursday  | NO         | GREATER NORTH PARK      | Local                     | 118.00             | 27.00             | 3186.0                              | 38.23                           | 2                    |                                  |                 |                                |                                   |                           |                              |  |  | 2 IN INLAY - Limits of resurfacing are from Kalmia St to st. numb. 2377. Remove and replace cross gutter at Kalmia St.        |   |  |
| A178 | 33           | SS-031611 | A178 | 33           | UNIVERSITY (FTG) AV  | 58TH ST                | 60TH ST               | 9                | 1270-C5     |           | YES        | EASTERN AREA            | Residential               | 2145.00            | 18.00             | 38610.0                             | 463.32                          | 2                    |                                  | 44.55           | 46.31                          | 62.36                             |                           |                              |  |  | 2 IN INLAY - CROSS GUTTER at 58TH ST.   |   |  |

**APPENDIX L**  
**ESTIMATED CONCRETE CONSTRUCTION QUANTITIES**

| Item | Area | Street Name      | Cross Street 1          | Traffic signal location | PCC Curb Ramp NE (Type) | PCC Curb Ramp NW (Type) | PCC Curb Ramp SE (Type) | PCC Curb Ramp SW (Type) | Relocate Pedestrian Push Button (EA) | New Pedestrian Push Button (EA) | New Pedestrian Push Button Post (EA) | Curb Ramp Count | Pedestrian Barricade (EA) | PCC Cross Gutter (SF) | PCC Spandrel (SF) | PCC Bus Pad (SF) | PCC Residential Driveway (SF) | Historical Contractor Date Stamps and Historical Impressions (EA) | Remove and Replace Curb and Gutter (LF) | Remove and Replace Existing Sidewalk (SF) | Meter Boxes (EA) | TASK COMMENT   |
|------|------|------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------------------|---------------------------------|--------------------------------------|-----------------|---------------------------|-----------------------|-------------------|------------------|-------------------------------|---|---|---|------------------|--|
| C1   | 1    | VIA FRONTERA     | Cul de Sac              | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C2   | 1    | VIA ESPRILLO     | VIA FRONTERA            | NO                      | A                       |                         | C1                      |                         |                                      |                                 |                                      | 2               |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C3   | 1    | VIA FRONTERA     | WEST BERNARDO DR        | YES                     |                         | A                       |                         | C2                      | 3                                    | 1                               | 2                                    | 2               |                           |                       |                   |                  |                               |   |   |   |                  | Push buttons to be located by contractor per MUTCD/ADA   |
| C4   | 1    | VIA DEL CAMPO    | VIA ESPRILLO            | NO                      |                         | C2                      | C1                      |                         |                                      |                                 |                                      | 2               |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C5   | 1    | VIA DEL CAMPO    | WEST BERNARDO DR        | YES                     | C2                      | C2                      |                         | C1                      | 2                                    | 2                               | 3                                    | 3               | 1                         |                       |                   |                  |                               |   |   |   |                  | Push buttons to be located by contractor per MUTCD/ADA. Replace existing Pedestrian Barricades if Disturbed  |
| C6   | 2    | WEST BERNARDO DR | BERNARDO CENTER DR      | YES                     |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C7   | 2    | WEST BERNARDO DR | TECHNOLOGY DR           | NO                      |                         | C2                      |                         | A                       |                                      |                                 |                                      | 2               | 1                         |                       |                   | 2400             |                               |   | 30                                      | 195                                       |                  | To be paved after Traffic signal B-17156 project complete works. Anticipated completion of Traffic signal project is 6/30/2019 . At intersection with Technology Pl 2 Bus pads and 5'x15' ADA boarding pad. See design for the curb ramps. Replace 30 lf curb and gutter and 120 sf Sidewalk North of intersection with Technology Pl (remove from scope if work performed by other) |
| C8   | 2    | WEST BERNARDO DR | GEORGE COOKE EXPRESS DR | YES                     |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C9   | 2    | WEST BERNARDO DR | WEST BERNARDO CT        | YES                     |                         | C2                      |                         |                         |                                      |                                 |                                      | 1               | 1                         |                       |                   |                  |                               |   | 13                                      | 60  |                  | At NW 2 Street light pull boxes to be re-graded.<br>At 16725 See tree work T1<br>Replace 13 lf curb and gutter and 60 sf sidewalk.<br>Replace 1 pedestrian barricade after curb ramp construction  |
| C10  | 2    | WEST BERNARDO DR | RANCHO BERNARDO RD      | YES                     |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C11  | 3    | BIG SPRINGS WY   | Cul de Sac              | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C12  | 3    | BIG SPRINGS WY   | TURTLEBACK RD           | NO                      | C2                      | C2                      | C2                      | C2                      |                                      |                                 |                                      | 4               |                           | 2170                  | 1182              |                  |                               |   |   |   |                  |  |
| C13  | 3    | BIG SPRINGS WY   | MEADOW FLOWER PL        | NO                      | B                       | C2                      | B                       | C2                      |                                      |                                 |                                      | 4               |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C14  | 3    | BIG SPRINGS WY   | LOFTY TL DR             | NO                      |                         | C2                      | B                       | C2                      |                                      |                                 |                                      | 3               |                           | 1300                  | 500               |                  |                               |   |   |   |                  |  |
| C15  | 4    | HORADO RD        | HISPANO DR              | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C16  | 4    | HORADO RD        | RAMADA DR               | NO                      | C1                      | C1                      |                         | C1                      |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C17  | 4    | HORADO RD        | BERNARDO OAKS DR        | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           | 680                   | 880               |                  |                               |   |   |   |                  | Sprandels shall to be doweled into ex curb ramps   |
| C18  | 4    | HORADO RD        | FELICE DR               | NO                      | C1                      | C1                      | C1                      | C1                      |                                      |                                 |                                      | 4               |                           | 680                   | 880               |                  |                               |   |   |   |                  |  |
| C19  | 4    | HORADO RD        | SENDA PL                | NO                      | C1                      | C1                      | C1                      | C1                      |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C20  | 4    | HORADO RD        | HORADO CT               | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           | 280                   |                   |                  |                               |   |   |   |                  | SW and NW spandrels shall to be doweled into ex curb ramp  |
| C21  | 4    | HORADO RD        | SARAPE DR               | NO                      |                         | C1                      | C1                      | C1                      |                                      |                                 |                                      | 3               |                           | 340                   | 600               |                  |                               |   |   |   |                  |  |
| C22  | 4    | HORADO RD        | ROCA DR                 | NO                      | C1                      | C1                      | C1                      | C1                      |                                      |                                 |                                      | 4               |                           | 680                   | 1122              |                  |                               |   |   |   |                  |  |
| C23  | 4    | HORADO RD        | SAMBROSO PL             | NO                      | C1                      | C1                      | C1                      | C1                      |                                      |                                 |                                      | 3               |                           | 270                   | 500               |                  |                               |   |   |   |                  |  |
| C24  | 4    | HORADO RD        | GABARDA RD              | NO                      | C1                      | C1                      |                         | C1                      |                                      |                                 |                                      | 3               |                           | 310                   | 520               |                  |                               |   |   |   |                  |  |
| C25  | 4    | SARAPE DR        | PIPO RD                 | NO                      | C1                      |                         | C1                      | C1                      |                                      |                                 |                                      | 3               |                           | 270                   | 510               |                  |                               |   |   |   |                  |  |
| C26  | 4    | SARAPE DR        | SENDA RD                | NO                      | C1                      | C1                      | C1                      | C1                      |                                      |                                 |                                      | 4               |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C27  | 4    | SARAPE DR        | MANTILLA RD             | NO                      | C1                      | C1                      | C1                      | C1                      |                                      |                                 |                                      | 4               |                           | 320                   | 560               |                  |                               |   |   |   |                  |  |
| C28  | 4    | PIPO RD          | ROCA DR                 | NO                      |                         | C1                      | C1                      | C1                      |                                      |                                 |                                      | 3               |                           | 280                   | 580               |                  |                               |   |   |   |                  |  |
| C29  | 4    | SENDA PL         | Cul de Sac              | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C30  | 4    | HORADO CT        | Cul de Sac              | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C31  | 4    | SAMBROSO PL      | Cul de Sac              | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C32  | 6    | SAMANTHA CT      | Cul de Sac              | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C33  | 6    | SAMANTHA CT      | SAMANTHA AV             | NO                      | A/C2                    | A                       | C1                      | C1                      |                                      |                                 |                                      | 4               |                           | 455                   | 545               |                  |                               | 2   |   |   |                  |  |
| C34  | 6    | SAMANTHA CT      | Cul de Sac              | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C35  | 7    | BLACK MTN RD     | FALL RIVER WY           | NO                      | A                       | C1                      | A                       | C1                      |                                      |                                 |                                      | 4               |                           | 370                   | 560               |                  |                               |   | 10                                      | 50  |                  | Replace NW curb ramp with sidewalk. Keep the stop sign at the existing location. Relocate limit lines, and "STOP" pavement legends considering that the limit lines need to be located at least 24 inches behind the curb ramp wings. Provide five feet of red curb past all wings of the new curb ramps.  |
| C36  | 7    | BLACK MTN RD     | CARMEL MOUNTAIN RD      | YES                     |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C37  | 8    | SURCO DR         | TORRELL WY              | NO                      | B                       |                         | A                       | A                       |                                      |                                 |                                      | 3               |                           | 330                   | 560               |                  |                               |   |   |   |                  |  |
| C38  | 8    | SURCO DR         | SANTA ARMINTA AV        | NO                      | C1                      | A                       | C2                      | A                       |                                      |                                 |                                      | 4               |                           | 320                   | 610               |                  |                               |   |   |   |                  | Don't relocate the street name signs at SE PCR. Install a new pole and relocate the stop sign before the proposed curb ramp. Relocate the stop signs, limit lines, and "STOP" pavement legends considering that the limit lines need to be located at least 24 inches behind the curb ramp wings. Provide five feet of red curb past all wings of the new curb ramps.                |
| C39  | 8    | SURCO DR         | CALLE PINO              | NO                      | C1                      | C1                      |                         | C1                      |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               |   |   |   | 1                | At NE water meter box cover to be re-graded  |
| C40  | 8    | SURCO DR         | ZAPATA AV               | NO                      | C1                      | C1                      | B                       | C1                      |                                      |                                 |                                      | 4               |                           | 340                   | 360               |                  |                               |   |   |   | 1                | At SE water meter box cover to be re-graded  |
| C41  | 8    | TREBOL ST        | ZAPATA AV               | NO                      | C1                      | C1                      | C1                      | C1                      |                                      |                                 |                                      | 3               |                           | 330                   | 460               |                  |                               |   |   |   |                  |  |
| C42  | 8    | TREBOL ST        | CALLE PINO              | NO                      | B                       |                         | C1                      | C1                      |                                      |                                 |                                      | 3               |                           | 340                   | 475               |                  |                               |   |   |   |                  |  |
| C43  | 9    | DEDO PL          | Cul de Sac              | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C44  | 9    | CALLE DEL HUMO   | SANTA ARMINTA AV        | NO                      |                         | C1                      | C1                      |                         |                                      |                                 |                                      | 2               |                           |                       | 520               |                  |                               |   |   |   | 1                | At SE water meter box cover to be re-graded  |
| C45  | 9    | CALLE DEL HUMO   | DEDO PL                 | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           | 260                   | 600               |                  |                               |   |   |   |                  | SW and SE spandrels shall be doweled into ex curb ramp   |

| Item | Area | Street Name      | Cross Street 1                        | Traffic signal location | PCC Curb Ramp NE (Type) | PCC Curb Ramp NW (Type) | PCC Curb Ramp SE (Type) | PCC Curb Ramp SW (Type) | Relocate Pedestrian Push Button (EA) | New Pedestrian Push Button (EA) | New Pedestrian Push Button Post (EA) | Curb Ramp Count | Pedestrian Barricade (EA) | PCC Cross Gutter (SF) | PCC Spandrel (SF) | PCC Bus Pad (SF) | PCC Residential Driveway (SF) | Historical Contractor Date Stamps and Historical Impressions (EA) | Remove and Replace Curb and Gutter (LF) | Remove and Replace Existing Sidewalk (SF) | Meter Boxes (EA) | TASK COMMENT  |
|------|------|------------------|---------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------------------|---------------------------------|--------------------------------------|-----------------|---------------------------|-----------------------|-------------------|------------------|-------------------------------|---|---|---|------------------|---|
| C46  | 9    | CALLE DEL HUMO   | AVNDA DEL GATO                        | NO                      |                         |                         | C1                      | C1                      |                                      |                                 |                                      | 2               |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C47  | 10   | FROBISHER ST     | REAGAN RD ("MARAUDER DR")             | NO                      | C2                      | B                       | C2                      | B                       |                                      |                                 |                                      | 4               |                           | 330                   | 485               |                  |                               |   |   |   |                  | At SW corner meters to be relocated   |
| C48  | 10   | FROBISHER ST     | FROBISHER CR                          | NO                      | C1                      |                         | C1                      | C1                      |                                      |                                 |                                      | 3               |                           | 270                   | 510               |                  |                               | 1   |   |   |                  |   |
| C49  | 10   | FROBISHER ST     | WESTONHILL DR                         | NO                      |                         | C1                      | C1                      | C1                      |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C50  | 10   | FROBISHER ST     | Cul de Sac                            | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C51  | 11   | PEGASUS AV       | CAPRICORN WY                          | NO                      | C2                      | A                       | A                       | C2                      |                                      |                                 |                                      | 4               |                           | 760                   | 1000              |                  |                               |   |   |   |                  |   |
| C52  | 11   | PEGASUS AV       | PENTICTON WY                          | NO                      |                         | C1                      |                         | C1                      |                                      |                                 |                                      | 2               |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C53  | 11   | PEGASUS AV       | DELPHINUS WY                          | NO                      |                         |                         | B                       |                         |                                      |                                 |                                      | 1               |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C54  | 11   | PEGASUS AV       | LIBRA DR                              | NO                      |                         | C1                      | C1                      | C1                      |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C55  | 11   | PEGASUS AV       | GEMINI AV                             | NO                      | C2                      | C2                      |                         |                         |                                      |                                 |                                      | 2               |                           | 520                   | 500               |                  |                               | 2   |   |   |                  |   |
| C56  | 11   | CRATER DR        | CAPRICORN WY                          | NO                      | B                       |                         | A                       | A                       |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C57  | 11   | CRATER DR        | PENTICTON WY                          | NO                      | C1                      | C1                      | C1                      |                         |                                      |                                 |                                      | 3               |                           |                       | 230               |                  |                               |   |   |   |                  |   |
| C58  | 11   | CANIS LN         | LIBRA DR                              | NO                      | C2                      | C2                      |                         | C1                      |                                      |                                 |                                      | 3               |                           | 330                   | 500               |                  |                               |   |   |   |                  |   |
| C59  | 11   | CANIS LN         | BOOTES ST                             | NO                      |                         | C1                      | C1                      | C1                      |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C60  | 12   | SCRIPPS RANCH BL | AFFINITY CT                           | NO                      | A/C2                    | A/C2                    |                         |                         |                                      |                                 |                                      | 2               | 2                         | 1350                  | 500               |                  |                               |   |   |   |                  |   |
| C61  | 12   | SCRIPPS RANCH BL | ERMA RD                               | YES                     | C2                      | C2                      | C2                      |                         |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C62  | 12   | SCRIPPS RANCH BL | MIRA MESA BL                          | YES                     | B                       | A/C2                    |                         |                         | 2                                    | 1                               | 2                                    | 2               | 0                         |                       |                   |                  |                               |   |   |   |                  | Push buttons to be located by contractor per MUTCD/ADA. At NW 2 Caltrans count station covers to be re-graded   |
| C63  | 13   | CARILLON CT      | STEUER WY                             | NO                      |                         | A/C2                    | B                       | A/C2                    |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C64  | 13   | CARILLON CT      | Cul de Sac                            | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C65  | 14   | JAMESTOWN RD     | CONSTITUTION RD                       | NO                      |                         | C2                      | B                       | C2                      |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               |   | 45                                      | 40  |                  | At 5111 see item T2 . Replace PCC concrete panel 5x8 ft from parkway. Replace 45 ft of Curb and Gutter at 5111  |
| C66  | 14   | JAMESTOWN RD     | REBEL RD                              | NO                      |                         | B                       | C2                      | C2                      |                                      |                                 |                                      | 3               |                           | 330                   | 520               |                  |                               |   |   |   |                  |   |
| C67  | 14   | JAMESTOWN RD     | MILLWOOD RD                           | NO                      |                         | B                       | C2                      | A                       |                                      |                                 |                                      | 3               |                           | 330                   | 450               |                  |                               |   |   |   |                  |   |
| C68  | 14   | JAMESTOWN RD     | JAMESTOWN CT                          | NO                      | B                       | A                       |                         | C1                      |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C69  | 14   | JAMESTOWN RD     | JAMESTOWN WY                          | NO                      | B                       |                         |                         | C2                      |                                      |                                 |                                      | 2               |                           | 280                   | 350               |                  |                               |   |   |   |                  |   |
| C70  | 14   | JAMESTOWN RD     | Cul de Sac                            | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C71  | 14   | JAMESTOWN CT     | Cul de Sac                            | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C72  | 14   | JAMESTOWN WY     | Cul de Sac                            | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  | at 4521 see item T3   |
| C73  | 15   | CORK PL          | DIANE AV                              | NO                      | A                       |                         | A                       | B                       |                                      |                                 |                                      | 3               |                           |                       |                   |                  | 72                            |   | 93                                      | 180                                       |                  | In front at 4833 (north side) see item T23 and replace 81 lf curb and gutter and 124 sf sidewalk.   |
| C74  | 15   | CORK PL          | ARLENE CT                             | NO                      | A                       | A                       | A                       | A                       |                                      |                                 |                                      | 4               |                           | 620                   | 1120              |                  |                               |   |   |   |                  |   |
| C75  | 15   | CORK PL          | Cul de Sac                            | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C76  | 15   | DAWNE ST         | LEHRER DR                             | NO                      |                         | A                       |                         |                         |                                      |                                 |                                      | 1               |                           | 330                   | 650               |                  |                               |   |   |   |                  |   |
| C77  | 15   | DAWNE ST         | ARLENE ST                             | NO                      |                         | A                       | A                       | A                       |                                      |                                 |                                      | 3               |                           |                       |                   |                  | 100                           |   |   | 264                                       |                  |   |
| C78  | 15   | DAWNE ST         | end of the street at 5158             | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C79  | 15   | ARLENE ST        | ARLENE CT                             | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C80  | 15   | ARLENE CT        | Cul de Sac                            | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C81  | 16   | REGINA AV        | end of the street at 5636 (West side) | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   | 30                                      | 430                                       |                  | at 5628 see item T25. Replace 188 + 242 sf sidewalk and 30 lf curb and gutter.  |
| C82  | 16   | REGINA AV        | LIMERICK AV                           | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C83  | 16   | LIMERICK CT      | LIMERICK AV                           | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C84  | 16   | LIMERICK CT      | Cul de Sac                            | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C85  | 17   | AMARO CT         | Cul de Sac                            | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C86  | 17   | AMARO CT         | AMARO DR                              | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C87  | 17   | LA DUENA WY      | GUINCHO RD                            | NO                      |                         | C1                      |                         | C1                      |                                      |                                 |                                      | 2               |                           | 330                   | 545               |                  |                               |   |   |   |                  |   |
| C88  | 17   | LA DUENA WY      | AMARO DR                              | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C89  | 17   | GUINCHO RD       | ANTIGUA BL                            | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C90  | 17   | GUINCHO RD       | GUINCHO PL                            | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C91  | 17   | TORTUGA RD       | ANTIGUA BL                            | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C92  | 17   | TORTUGA RD       | HERMANOS CT                           | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           | 620                   |                   |                  |                               |   |   |   |                  |   |
| C93  | 17   | TORTUGA RD       | AVENIDA SANCHEZ                       | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C94  | 17   | HERMANOS RD      | GUINCHO RD                            | NO                      | C1                      | C2                      | C1                      |                         |                                      |                                 |                                      | 3               |                           | 330                   | 530               |                  |                               |   |   |   |                  |   |
| C95  | 17   | HERMANOS RD      | EL CABO CT                            | NO                      | C1                      | C1                      |                         | C1                      |                                      |                                 |                                      | 3               |                           | 270                   | 555               |                  |                               |   |   |   |                  |   |
| C96  | 17   | HERMANOS CT      | Cul de Sac                            | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C97  | 18   | KLEEFELD AV      | CLAIREMONT MESA BL (FRNTG.)           | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C98  | 18   | KLEEFELD AV      | ALLEY                                 | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C99  | 18   | KLEEFELD AV      | BANNOCK AV                            | NO                      | C2                      | C2                      | C2                      | A                       |                                      |                                 |                                      | 4               |                           | 400                   | 590               |                  |                               |   |   |   |                  | Cross gutter and spandrels at Bannock to be redone per SDG 157  |
| C100 | 18   | KLEEFELD AV      | SUSQUEHANNA PL                        | NO                      |                         |                         | B                       |                         |                                      |                                 |                                      | 1               |                           | 310                   | 290               |                  |                               |   | 20                                      | 160                                       |                  | Cross gutter and spandrels at Susquehanna to be done per SDG 157. New spandrels shall be doweled into the existing curb ramps                               |
| C101 | 18   | KLEEFELD AV      | WILLAMETTE AV                         | NO                      | B                       | A                       |                         | A                       |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               |   | 13                                      | 200                                       |                  | At 4658 see item T8. Replace 13 lf curb and gutter and 200 sf sidewalk  |
| C102 | 18   | KLEEFELD AV      | SAMOSSET AV                           | NO                      | C2                      | C2                      | A                       | C2                      |                                      |                                 |                                      | 4               |                           | 580                   | 1250              |                  |                               |   |   |   |                  | At 4404 Samoset Av notify the owner prior to start work: saw cut hand prints and place it on the homeowners lawn if feasible . Replace cross gutter in kind |
| C103 | 18   | KLEEFELD AV      | TECUMSEH WY                           | NO                      | C2                      | C2                      | C2                      | C2                      |                                      |                                 |                                      | 4               |                           |                       |                   |                  |                               |   |   |   |                  |   |

| Item | Area | Street Name    | Cross Street 1  | Traffic signal location | PCC Curb Ramp NE (Type) | PCC Curb Ramp NW (Type) | PCC Curb Ramp SE (Type) | PCC Curb Ramp SW (Type) | Relocate Pedestrian Push Button (EA) | New Pedestrian Push Button (EA) | New Pedestrian Push Button Post (EA) | Curb Ramp Count | Pedestrian Barricade (EA) | PCC Cross Gutter (SF) | PCC Spandrel (SF) | PCC Bus Pad (SF) | PCC Residential Driveway (SF) | Historical Contractor Date Stamps and Historical Impressions (EA) | Remove and Replace Curb and Gutter (LF) | Remove and Replace Existing Sidewalk (SF) | Meter Boxes (EA) | TASK COMMENT  |
|------|------|----------------|-----------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------------------|---------------------------------|--------------------------------------|-----------------|---------------------------|-----------------------|-------------------|------------------|-------------------------------|---|---|---|------------------|---|
| C104 | 18   | KLEEFELD AV    | VALLEJO AV      | NO                      | B                       | C2                      |                         | C2                      |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               |   |   |   | 1                | At NE water meter box cover to be re-graded   |
| C105 | 18   | KLEEFELD AV    | Cul de Sac      | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C106 | 18   | SAMOSEY AV     | Cul de Sac      | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C107 | 18   | SAMOSEY AV     | SAGINAW AV      | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C108 | 18   | TECUMSEH WY    | SAGINAW AV      | NO                      | A                       | A                       | C1                      |                         |                                      |                                 |                                      | 3               |                           |                       |                   |                  | 126                           |   | 37                                      | 268                                       |                  | At 4320 and 4336 see item T9. At 4320 replace 16 lf curb and gutter and 60 sf brick tiled hardscape.  |
| C109 | 18   | SUSQUEHANNA PL | BANNOCK AV      | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   | 10                                      | 80  |                  |   |
| C110 | 18   | WILLAMETTE AV  | ROLFE RD        | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   | 60                                      |   |                  | at 4104 and 4111 see item T11. Replace 60 lf curb and gutter  |
| C111 | 18   | MIAMI WY       | CINDY ST        | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   | 42                                      | 320                                       |                  | At 4519 and 4545 see item T12. Replace 42 lf Curb and gutter and 320 sf sidewalk  |
| C112 | 18   | MIAMI CT       | MIAMI WY        | NO                      |                         |                         | A                       |                         |                                      |                                 |                                      | 1               |                           | 300                   | 140               |                  |                               |   |   |   |                  |   |
| C113 | 18   | MIAMI CT       | Cul de Sac      | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C114 | 19   | ALMAYO CT      | Cul de Sac      | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   | 54                                      |   |                  | At 4926 and 4934 see item T13. Replace 54 lf curb and gutter  |
| C115 | 19   | ALMAYO CT      | ALMAYO AV       | NO                      |                         |                         | C2                      |                         |                                      |                                 |                                      | 1               |                           |                       |                   |                  |                               |   | 21                                      |   |                  | at E side 4958 Almayo Ct see item T16. Replace 21 lf curb and gutter  |
| C116 | 19   | TRIANA ST      | ALMAYO AV       | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   | 21                                      |   |                  | at N side 4685 Almayo Av see item T15. Replace 21 lf curb and gutter.   |
| C117 | 19   | TRIANA ST      | SOUTHAMPTON ST  | NO                      |                         | C2                      |                         |                         |                                      |                                 |                                      | 1               |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C118 | 19   | TRIANA ST      | CHESHIRE ST     | NO                      |                         |                         | C2                      |                         |                                      |                                 |                                      | 1               |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C119 | 19   | TRIANA ST      | DERRICK DR      | NO                      | C2                      | C2                      |                         |                         |                                      |                                 |                                      | 2               |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C120 | 19   | TRIANA ST      | ALLENHURST PL   | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           | 450                   |                   |                  |                               |   |   |   |                  |   |
| C121 | 19   | TRIANA ST      | SEAFORD PL      | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |   |
| C122 | 19   | TRIANA ST      | ANDALUSIA AV    | NO                      | A                       | A                       |                         | C1                      |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               |   |   |   |                  | For the SW corner relocate the school patrol yellow limit line 55' back (to West side). Relocate the stop signs, limit lines, and "STOP" pavement legends considering that the limit lines need to be located at least 24 inches behind the curb ramp wings. Provide five feet of red curb past all wings of the new curb ramps.  |
| C123 | 19   | TRIANA ST      | LIMERICK AV     | NO                      | A                       | A                       | A                       | A                       |                                      |                                 |                                      | 4               |                           | 380                   | 490               |                  |                               |   |   |   |                  |   |
| C124 | 19   | TRIANA ST      | DOLVA DR        | NO                      | B                       | A                       | B                       | A                       |                                      |                                 |                                      | 4               |                           | 380                   | 500               |                  |                               |   |   |   |                  | Relocate the stop signs, limit lines, and "STOP" pavement legends considering that the limit lines need to be located at least 24 inches behind the curb ramp wings. Provide five feet of red curb past all wings of the new curb ramps   |
| C125 | 19   | LYRIC LN       | CHATEAU DR      | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           | 370                   |                   |                  |                               |   | 65                                      | 144                                       |                  | At 4573 1 Brisbane box tree root pruning/barrier installation and 15% crown reduction. RB depth 24 IN and length to match the repair removed. XGUTTER at CHATEAU. 15 LF CURB&GUTTER and 60 sf sidewalk at 4509 . 36 LF C&G and 84 sf sidewalk at 4503, 14 C and G A/F 4503  |
| C126 | 19   | LYRIC LN       | CANOSA AV       | NO                      |                         | C2                      | C2                      | C2                      |                                      |                                 |                                      | 3               |                           | 1080                  | 475               |                  |                               |   |   |   |                  | SPANDREL @ CANOSA   |
| C127 | 19   | LYRIC LN       | BOWDEN AV       | NO                      | C2                      | C2                      | A/C2                    | A/C2                    |                                      |                                 |                                      | 4               |                           | 680                   | 1060              |                  |                               |   |   |   |                  | At 4573 see item T6. X-GUTTER at BOWDEN AV  |
| C128 | 19   | LYRIC LN       | BELLVALE AV     | NO                      | A/C2                    | C2                      | A/C2                    | A/C2                    |                                      |                                 |                                      | 4               |                           | 330                   | 545               |                  |                               |   |   |   |                  | At 4601 see item T5   |
| C129 | 19   | LYRIC LN       | LIMERICK AV     | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           | 370                   | 460               |                  |                               |   |   |   |                  | Spandrels shall be doweled into the ex curb ramp  |
| C130 | 20   | CANNINGTON DR  | MT ABERNATHY AV | NO                      | A                       | A                       | A                       | A                       |                                      |                                 |                                      | 4               |                           |                       |                   |                  |                               |   | 15                                      | 150                                       |                  | Replace the old curb ramp on NE side with sidewalk. Remove existing "STOP" sign and "All-Way" plaque from the streetlight pole and install on a new pole in the sidewalk behind the new curb ramp. Relocate the limit line at least 4 feet away from the closest crosswalk bar per SDM-116 and "STOP" pavement legend before the curb ramp as well. The limit line has to be located at least 24 inches behind the curb ramp wing. Provide five feet of red curb past all wings of the new. |
| C131 | 20   | CANNINGTON DR  | LIEBEL CT       | NO                      |                         | C2                      |                         | C2                      |                                      |                                 |                                      | 2               |                           | 1700                  | 540               |                  |                               |   |   |   |                  |   |
| C132 | 20   | CANNINGTON DR  | HANNON CT       | NO                      | C2                      | C1                      | C2                      | A/C2                    |                                      |                                 |                                      | 4               |                           | 540                   | 950               |                  |                               |   | 60                                      | 80  |                  | at 4775 see item T17 . Replace 60 lf curb and gutter and 80 sf sidewalk   |
| C133 | 20   | CANNINGTON DR  | PRINTWOOD WY    | NO                      | C1                      | C1                      |                         |                         |                                      |                                 |                                      | 2               |                           |                       |                   |                  |                               |   | 80                                      | 680                                       |                  | Install yellow continental crosswalk for the North and South legs. Relocate the stop signs, limit lines, and "STOP" pavement legends considering that the limit lines need to be located at least 24 inches behind the curb ramp wings. Provide five feet of red curb past all wings of the new curb ramps. The limit lines for the stop signs shall be at least 4 feet away from the closest crosswalk bar per SDM-116.  |
| C134 | 20   | CANNINGTON DR  | CLEEVE WY       | NO                      | A                       | B                       | A                       | B                       |                                      |                                 |                                      | 4               |                           |                       |                   |                  |                               |   |   |   |                  | Between Printwood Wy and Cleeve Wy remove and replace 680 sf sidewalk and 150 lf curb and gutter. See item T18 Relocate the stop signs, limit lines, and "STOP" pavement legends considering that the limit lines need to be located at least 24 inches behind the curb ramp wings. Provide five feet of red curb past all wings of the new curb ramps. See tree work   |
| C135 | 20   | CANNINGTON DR  | CHEAMES WY      | NO                      | A/C2                    | B                       | A/C2                    | B                       |                                      |                                 |                                      | 4               |                           | 280                   | 510               |                  |                               |   |   |   |                  | Remove existing crosswalks on the north and south legs. Install school crosswalk on the East leg. Relocate stop sign, limit line, and "STOP" pavement legend considering that the limit line has to be located at least 24 inches behind the curb ramp wing. Provide five feet of red curb past all wings of the new curb ramps.  |

| Item | Area | Street Name   | Cross Street 1                 | Traffic signal location | PCC Curb Ramp NE (Type) | PCC Curb Ramp NW (Type) | PCC Curb Ramp SE (Type) | PCC Curb Ramp SW (Type) | Relocate Pedestrian Push Button (EA) | New Pedestrian Push Button (EA) | New Pedestrian Push Button Post (EA) | Curb Ramp Count | Pedestrian Barricade (EA) | PCC Cross Gutter (SF) | PCC Spandrel (SF) | PCC Bus Pad (SF) | PCC Residential Driveway (SF) | Historical Contractor Date Stamps and Historical Impressions (EA) | Remove and Replace Curb and Gutter (LF) | Remove and Replace Existing Sidewalk (SF) | Meter Boxes (EA) | TASK COMMENT   |
|------|------|---------------|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------------------|---------------------------------|--------------------------------------|-----------------|---------------------------|-----------------------|-------------------|------------------|-------------------------------|---|---|---|------------------|--|
| C136 | 20   | CANNINGTON DR | ARUNDEL PL                     | NO                      | C2                      | B                       | C2                      | B                       |                                      |                                 |                                      | 4               |                           | 340                   | 510               |                  |                               | 2   |   |   |                  | Relocate stop sign, limit line, and "STOP" pavement legend considering that the limit line has to be located at least 24 inches behind the curb ramp wing. Provide five feet of red curb past all wings of the new curb ramps.   |
| C137 | 20   | CANNINGTON DR | FOYLE WY                       | NO                      | C2                      | B                       | C2                      | B                       |                                      |                                 |                                      | 4               |                           | 280                   | 420               |                  |                               | 1   |   |   |                  | Relocate the existing stop sign on a new pole in front of the SDG&E pole. Relocate stop sign, limit line, and "STOP" pavement legend considering that the limit line has to be located at least 24 inches behind the curb ramp wing. Provide five feet of red curb past all wings of the new curb ramps. |
| C138 | 20   | CANNINGTON DR | CHANDLER DR                    | NO                      | A                       |                         | A                       |                         |                                      |                                 |                                      | 2               |                           |                       |                   |                  |                               | 2   |   |   |                  |  |
| C139 | 20   | CANNINGTON DR | CASTLETON DR                   | NO                      | C2                      | C2                      | C2                      |                         |                                      |                                 |                                      | 3               |                           | 330                   | 500               |                  |                               | 2   |   |   |                  |  |
| C140 | 20   | CANNINGTON DR | CHARING ST                     | NO                      | A                       | A                       | A                       | A                       |                                      |                                 |                                      | 4               |                           | 340                   | 440               |                  |                               |   |   |   |                  |  |
| C141 | 20   | CANNINGTON DR | ALLEY                          | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C142 | 20   | CANNINGTON DR | BEADNELL WY                    | NO                      | C1                      | C1                      | C1                      | C1                      |                                      |                                 |                                      | 4               |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C143 | 20   | CANNINGTON DR | BALBOA AV                      | YES                     |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C144 | 21   | HARCOURT DR   | BANTAM AV                      | NO                      |                         |                         | A/C2                    | C2                      |                                      |                                 |                                      | 2               |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C145 | 21   | HARCOURT DR   | RONDA AV                       | NO                      | A                       | A                       | A                       | A                       |                                      |                                 |                                      | 4               |                           | 520                   | 400               |                  |                               | 3   |   |   |                  |  |
| C146 | 21   | HARCOURT DR   | LARRABEE AV                    | NO                      |                         | B                       | A/C2                    | B                       |                                      |                                 |                                      | 3               |                           | 340                   | 550               |                  |                               |   |   |   |                  |  |
| C147 | 21   | HARCOURT DR   | YOLANDA                        | NO                      | A                       | B                       | C2                      | C2                      |                                      |                                 |                                      | 4               |                           | 340                   | 470               |                  |                               |   |   |   |                  |  |
| C148 | 21   | HARCOURT DR   | PODELL AV                      | NO                      | C1                      |                         | C1                      | C1                      |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C149 | 21   | HARCOURT DR   | GOODWICK CT                    | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C150 | 21   | GOODWICK CT   | Cul de Sac                     | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C151 | 22   | SANTO RD      | CLAREMONT MESA BL              | YES                     |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C152 | 22   | SANTO RD      | DRIVEWAY                       | NO                      |                         | C2                      |                         | C2                      |                                      |                                 |                                      | 2               |                           | 330                   | 260               |                  |                               |   |   |   |                  |  |
| C153 | 22   | SANTO RD      | PORTO CT                       | YES                     | A                       | C2                      | A                       | A                       |                                      |                                 |                                      | 4               |                           | 650                   | 320               |                  |                               |   |   |   |                  | Utility pull boxes on all four corners to be re-graded. Notify the school prior to start work and coordinate   |
| C154 | 22   | SANTO RD      | SCHOOL DRIVEWAY                |                         |                         | A                       |                         | A                       |                                      |                                 |                                      | 2               |                           | 350                   | 250               |                  |                               |   |   |   |                  |  |
| C155 | 22   | SANTO RD      | TIERRASANTA BL                 | YES                     |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  | Notify the school prior to start work and coordinate   |
| C156 | 22   | SANTO RD      | AERO DR                        |                         |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C157 | 22   | SANTO RD      | GURNARD ST                     |                         |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C158 | 22   | SANTO RD      | CORPORAL DR                    |                         |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C159 | 22   | SANTO RD      | SCULPIN ST                     |                         |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C160 | 22   | SANTO RD      | PATRIOT ST                     |                         |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C161 | 22   | SANTO RD      | end of the street (South side) |                         |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C162 | 23   | GLENROY ST    | FORBES AV                      | NO                      | C2                      | C2                      | A                       | A                       |                                      |                                 |                                      | 4               |                           | 330                   | 500               |                  |                               | 3   | 30                                      |   | 1                | At NE water meter cover to be re-graded. At 7146 remove and replace 15 LF curb and gutter. At 7126 see item T19. Replace 15 lf curb and gutter   |
| C163 | 23   | GLENROY ST    | ELGIN AV                       | NO                      | C2                      |                         | A                       | A                       |                                      |                                 |                                      | 3               |                           | 330                   | 490               |                  |                               | 2   |   |   |                  |  |
| C164 | 23   | GLENROY ST    | DUNDEE AV                      | NO                      | C2                      | C2                      | A                       | A                       |                                      |                                 |                                      | 4               |                           | 340                   | 450               |                  |                               | 4   |   |   | 1                | At NW water meter cover to be re-graded  |
| C165 | 23   | GLENROY ST    | COTTAGE AV                     | NO                      | B                       | B                       |                         |                         |                                      |                                 |                                      | 2               |                           |                       |                   |                  |                               |   |   |   | 1                | At NW water meter cover to be re-graded  |
| C166 | 23   | GLENROY ST    | HILLSBORO ST                   | NO                      | C2                      | A                       | B                       |                         |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               | 4   |   |   |                  |  |
| C167 | 23   | GLENROY ST    | BRUNSWICK AV                   | NO                      | C2                      |                         | C2                      | C2                      |                                      |                                 |                                      | 2               |                           | 340                   | 460               |                  |                               |   |   |   |                  | Spandrels shall be doweled into ex curb ramps  |
| C168 | 23   | GALA AV       | HAMILL AV                      | NO                      | A                       |                         | A                       |                         |                                      |                                 |                                      | 2               |                           | 340                   | 440               |                  |                               | 3   |   |   |                  |  |
| C169 | 23   | GALA AV       | BIRCHWOOD ST                   | NO                      |                         | C2                      | C2                      | C2                      |                                      |                                 |                                      | 3               |                           | 380                   | 500               |                  |                               | 4   |   |   |                  |  |
| C170 | 23   | GALA AV       | ELDRIDGE ST                    | NO                      | C2                      | C2                      |                         | C2                      |                                      |                                 |                                      | 3               |                           | 320                   | 250               |                  |                               | 2   | 55                                      | 124                                       |                  | At 5536 and 5564 see item T20. Replace 15 lf curb and gutter and 124 sf sidewalk. Replace 40 lf curb and gutter  |
| C171 | 23   | GALEWOOD ST   | HORNER ST                      | NO                      | C2                      | C2                      |                         | C2                      |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               | 4   |   |   | 1                | At SW water meter cover to be re-graded  |
| C172 | 23   | HORNER ST     | BRUNSWICK AV                   | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C173 | 23   | BRUNSWICK AV  | GALEWOOD ST                    | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C174 | 24   | BRYNWOOD WY   | PASATIEMPO AV                  | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C175 | 24   | BRYNWOOD WY   | BRYNWOOD CT                    | NO                      |                         | C1                      |                         | C1                      |                                      |                                 |                                      | 2               |                           | 280                   | 600               |                  |                               |   |   |   |                  |  |
| C176 | 24   | BRYNWOOD WY   | DEL PASO AV                    | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C177 | 24   | BRYNWOOD CT   | Cul de Sac                     | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C178 | 25   | CIBOLA CT     | Cul de Sac                     | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C179 | 25   | CIBOLA RD     | HEMINGWAY AVE                  | NO                      | C1                      | C1                      |                         | C1                      |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C180 | 25   | CIBOLA RD     | CIBOLA CT                      | NO                      | C1                      |                         | C1                      | C1                      |                                      |                                 |                                      | 3               |                           | 270                   | 550               |                  |                               |   |   |   |                  |  |
| C181 | 25   | CIBOLA RD     | FORRESTAL RD                   | NO                      | C1                      | C1                      | C1                      |                         |                                      |                                 |                                      | 3               |                           | 340                   | 510               |                  |                               |   |   |   | 1                | At NW water meter cover to be re-graded  |
| C182 | 25   | CIBOLA RD     | LAURELRIDGE RD                 | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C183 | 25   | FORRESTAL RD  | OFRIA CT                       | NO                      | C1                      | C1                      |                         | C1                      |                                      |                                 |                                      | 3               |                           | 260                   | 520               |                  |                               | 1   |   |   |                  |  |
| C184 | 25   | FORRESTAL RD  | OFRIA AV                       | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           | 330                   |                   |                  |                               |   |   |   |                  |  |
| C185 | 25   | FORRESTAL RD  | FORRESTAL CT                   | NO                      | C1                      | C1                      | C1                      |                         |                                      |                                 |                                      | 3               |                           | 280                   | 450               |                  |                               |   |   |   |                  |  |
| C186 | 25   | FORRESTAL RD  | PARKRIDGE BL                   | NO                      |                         |                         | C1                      |                         |                                      |                                 |                                      | 1               |                           | 340                   | 260               |                  |                               |   |   |   |                  |  |
| C187 | 25   | FORRESTAL CT  | Cul de Sac                     | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |

| Item | Area | Street Name          | Cross Street 1              | Traffic signal location | PCC Curb Ramp NE (Type) | PCC Curb Ramp NW (Type) | PCC Curb Ramp SE (Type) | PCC Curb Ramp SW (Type) | Relocate Pedestrian Push Button (EA) | New Pedestrian Push Button (EA) | New Pedestrian Push Button Post (EA) | Curb Ramp Count | Pedestrian Barricade (EA) | PCC Cross Gutter (SF) | PCC Spandrel (SF) | PCC Bus Pad (SF) | PCC Residential Driveway (SF) | Historical Contractor Date Stamps and Historical Impressions (EA) | Remove and Replace Curb and Gutter (LF) | Remove and Replace Existing Sidewalk (SF) | Meter Boxes (EA) | TASK COMMENT   |
|------|------|----------------------|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------------------|---------------------------------|--------------------------------------|-----------------|---------------------------|-----------------------|-------------------|------------------|-------------------------------|---|---|---|------------------|--|
| C188 | 26   | WINDING CREEK DR     | JACKSON DR                  | NO                      |                         | C1                      |                         |                         |                                      |                                 |                                      | 1               |                           |                       |                   |                  |                               |   |   |   |                  | Relocate the stop sign, limit line, and "STOP" pavement legend considering that the limit lines need to be located at least 24 inches behind the curb ramp wings |
| C189 | 26   | WINDING CREEK DR     | BELL BLUFF AV               | NO                      |                         |                         |                         | C2                      |                                      |                                 |                                      | 1               |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C190 | 26   | WINDING CREEK DR     | HIGH MEADOW CT              | NO                      | C2                      |                         | C2                      |                         |                                      |                                 |                                      | 2               |                           | 270                   | 480               |                  |                               |   |   |   |                  |  |
| C191 | 26   | WINDING CREEK DR     | SHADY SANDS RD              | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C192 | 27   | MARYFORD DR          | Cul de Sac                  | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C193 | 27   | BOBHIRD DR           | HIGHWOOD DR                 | NO                      | C2                      | C2                      | C2                      | C2                      |                                      |                                 |                                      | 4               |                           | 380                   | 500               |                  |                               |   |   |   |                  |  |
| C194 | 27   | BOBHIRD DR           | MARYFORD DR                 | NO                      | A                       | A                       | B                       | B                       |                                      |                                 |                                      | 3               |                           | 280                   | 500               |                  |                               |   |   |   |                  |  |
| C195 | 27   | BOBHIRD DR           | MAURY DR                    | NO                      | A                       | A/C2                    | A                       | A/C2                    |                                      |                                 |                                      | 4               |                           | 680                   | 980               |                  |                               |   |   |   |                  |  |
| C196 | 27   | CLIMAX CT            | Cul de Sac                  | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C197 | 27   | CLIMAX CT            | HUDSON DR                   | NO                      | B                       | C1                      |                         | C1                      |                                      |                                 |                                      | 3               |                           | 280                   | 720               |                  |                               |   |   |   | 1                | Relocate water meter box at NE corner  |
| C198 | 28   | LYTTON ST            | SAINT CHARLES AV            | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C199 | 28   | BARNETT AV           | LYTTON ST                   | YES                     |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C200 | 28   | BARNETT AV           | TRUXTON RD                  | YES                     |                         |                         | A                       | A                       |                                      |                                 |                                      | 2               |                           |                       | 480               |                  |                               |   |   |   |                  | Panels in the proximity of the two curb ramp to be poured monolithically with the panels/spandrels. Loops shall to be cut on top of the concrete panel           |
| C201 | 28   | BARNETT AV           | ALLEY                       | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   | 20                                      |   |                  |  |
| C202 | 28   | BARNETT AV           | LITTLE DR                   | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C203 | 28   | BARNETT AV           | MENDONCA DR                 | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C204 | 28   | BARNETT AV           | PELELIU WY                  | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C205 | 28   | BARNETT AV           | HENDERSON AV                | YES                     |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C206 | 28   | BARNETT AV           | WHEELIE UNIVERSITY          | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C207 | 28   | BARNETT AV           | MIDWAY DRIVE (SMALL ISLAND) | YES                     |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C208 | 28   | BARNETT AV           | MIDWAY DRIVE (ISLAND)       | YES                     |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C209 | 28   | BARNETT AV           | MIDWAY DR                   | YES                     |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C210 | 28   | BARNETT AV           | JESSOP LN                   | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C211 | 28   | BARNETT AV           | CLOSED ENTRANCE TO BASE     | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C212 | 28   | BARNETT AV           | PACIFIC HY SB ON RA         | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C213 | 28   | BARNETT AV           | PACIFIC HY NB OFF RA        | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C214 | 28   | PACIFIC HY SB OFF RA | PACIFIC HY                  | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C215 | 28   | PACIFIC HY NB OFF RA | PACIFIC HY                  | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C216 | 29   | EAST WESTINGHOUSE ST | WESTINGHOUSE ST (N)         | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C217 | 29   | EAST WESTINGHOUSE ST | LINBROOK DR                 | NO                      | C1                      |                         | C1                      |                         |                                      |                                 |                                      | 2               |                           | 300                   | 360               |                  |                               |   |   |   |                  |  |
| C218 | 29   | EAST WESTINGHOUSE ST | VOLTA CT                    | NO                      | C1                      | C1                      | C1                      | C1                      |                                      |                                 |                                      | 4               |                           | 300                   |                   |                  |                               |   |   |   |                  | Mid block cross gutter at 1782. 20' transition to match cross slope  |
| C219 | 29   | EAST WESTINGHOUSE ST | WESTINGHOUSE ST (S)         | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C220 | 31   | VANCOUVER AV         | 2377/2373 Vancouver AV      | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C221 | 31   | VANCOUVER AV         | MAPLE ST                    | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C222 | 31   | VANCOUVER AV         | KALMIA ST                   | NO                      | C1                      | C1                      |                         | C1                      |                                      |                                 |                                      | 3               |                           | 450                   |                   |                  |                               |   | 200                                     |   |                  | Remove and replace cross gutter at Kalmia St   |
| C223 | 32   | COLLIER AV           | AUSTIN DR                   | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C224 | 32   | COLLIER AV           | ATLANTA DR                  | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C225 | 32   | COLLIER AV           | 54TH ST                     | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C226 | 33   | UNIVERSITY (FTG) AV  | 58TH ST                     | NO                      |                         | C1                      |                         | C1                      |                                      |                                 |                                      | 2               |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C227 | 33   | UNIVERSITY (FTG) AV  | 60TH ST                     | NO                      | C1                      | C1                      |                         |                         |                                      |                                 |                                      | 2               |                           |                       |                   |                  |                               |   | 20                                      |   |                  |  |
| C228 | 34   | FROUDE ST            | ALHAMBRA ST                 | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C229 | 34   | FROUDE ST            | ALLEY                       | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C230 | 34   | FROUDE ST            | OSPREY ST                   | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C231 | 34   | FROUDE ST            | ALLEY                       | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C232 | 34   | FROUDE ST            | GRANGER ST                  | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   | 20                                      | 160                                       |                  |  |
| C233 | 34   | FROUDE ST            | ALLEY                       | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C234 | 34   | FROUDE ST            | TIVOLI ST                   | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C235 | 34   | FROUDE ST            | ALLEY                       | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C236 | 34   | FROUDE ST            | ADAIR ST                    | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C237 | 34   | FROUDE ST            | ALLEY                       | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C238 | 34   | FROUDE ST            | POINT LOMA AV               | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C239 | 35   | AGOSTO ST            | Cul de Sac                  | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C240 | 35   | AGOSTO ST            | MARZO ST                    | NO                      |                         |                         | C1                      | C1                      |                                      |                                 |                                      | 2               |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C241 | 35   | AGOSTO ST            | DEL SUR BL                  | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C242 | 35   | MARZO ST             | DEL SUR BL                  | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C243 | 35   | MARZO ST             | PIEDRA ST                   | NO                      |                         | C1                      | C1                      | C1                      |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               |   |   |   |                  |  |
| C244 | 35   | DEL SOL LN           | ROSA LINDA ST               | NO                      | C1                      | C1                      | C1                      | C1                      |                                      |                                 |                                      | 4               |                           | 320                   | 520               |                  |                               |   |   |   |                  |  |
| C245 | 35   | DEL SOL LN           | DEL SOL BL                  | NO                      | C1                      | C1                      | A                       |                         |                                      |                                 |                                      | 3               |                           |                       |                   |                  |                               |   |   |   | 1                | Install STOP pavement marking legend for northbound Del Sol Ln at 8 feet back from the STOP bar. At SE traffic lights box cover to be re-graded                  |
| C246 | 35   | ARRUZA ST            | PIEDRA ST                   | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |  |

| Item | Area | Street Name     | Cross Street 1  | Traffic signal location | PCC Curb Ramp NE (Type) | PCC Curb Ramp NW (Type) | PCC Curb Ramp SE (Type) | PCC Curb Ramp SW (Type) | Relocate Pedestrian Push Button (EA) | New Pedestrian Push Button (EA) | New Pedestrian Push Button Post (EA) | Curb Ramp Count | Pedestrian Barricade (EA) | PCC Cross Gutter (SF) | PCC Spandrel (SF) | PCC Bus Pad (SF) | PCC Residential Driveway (SF) | Historical Contractor Date Stamps and Historical Impressions (EA) | Remove and Replace Curb and Gutter (LF) | Remove and Replace Existing Sidewalk (SF) | Meter Boxes (EA) | TASK COMMENT |  |
|------|------|-----------------|-----------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------------------|---------------------------------|--------------------------------------|-----------------|---------------------------|-----------------------|-------------------|------------------|-------------------------------|---|---|---|------------------|--------------|--|
| C247 | 35   | CTE LAS TONADAS | VIA LAS TONADAS | NO                      | C2                      |                         | C2                      | C1                      |                                      |                                 |                                      | 3               |                           | 280                   | 480               |                  |                               | 4   |   |   |                  |              |  |
| C248 | 35   | VIA LAS TONADAS | VISTA LN        | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           | 330                   | 620               |                  |                               |   |   |   |                  |              | Cross gutter to be done. Spandrels need to be done and shall to be doweled into existing ramps |
| C249 | 35   | VIA LAS TONADAS | Cul de Sac      | NO                      |                         |                         |                         |                         |                                      |                                 |                                      |                 |                           |                       |                   |                  |                               |   |   |   |                  |              |  |
| C250 | 35   | VIA LAS TONADAS | VISTA (SB) LN   | NO                      |                         |                         |                         | C1                      |                                      |                                 |                                      | 1               |                           |                       |                   |                  |                               |   |   |   |                  |              |  |

89 104 91 96 7 4 7 380 5 37645 44509 2400 298 46 1064 3705 11

**APPENDIX M**  
**TREE ESTIMATED QUANTITIES**

| Item | Segment ID | TREE FLOC                      | Street Name      | Cross Street 1  | Cross Street 2   | Address                     | Tree Root pruning/tree trimming & Barrier Installed | Small Tree Removal & Disposal (<24" Trunk Diameter) | Large Tree Removal & Disposal (>=24" trunk diameter) | New Tree Planting (EA) | Tree Scope of work  |
|------|------------|--------------------------------|------------------|-----------------|------------------|-----------------------------|---|---|--|------------------------|---|
| T1   | SS-028449  | TR-RW-0131170                  | WEST BERNARDO DR | VIA DEL CAMPO   | WEST BERNARDO CT | 16678 W Bernardo Dr         | 1   |   |  | 0                      | at 16725 W Bernardo Dr for 1 Pine tree root pruning/barrier installation and 15% crown reduction. RB depth 24 IN and length to match the repair.            |
| T2   | SS-014503  | TR-RW-0062974                  | JAMESTOWN RD     | CONSTITUTION RD | REBEL RD         | 5111 Jamestown Rd           |   | 1   |  | 1                      | At 5111 remove Ash tree and new plant Raywood Ash tree (15 Gal)   |
| T3   | SS-014505  | TR-RW-0062993                  | JAMESTOWN WY     | BEGIN           | JAMESTOWN RD     | 4521 Jameston Wy            |   | 1   |  | 1                      | At 4521 remove Ash tree and new plant Raywood Ash tree (15 Gal)   |
| T4   | SS-002739  |                                | ARLENE ST        | ARLENE CT       | DAWNE ST         | house at 4851 Cork Pl       | 1   |   |  | 0                      | 4851 Cork pl on Arlene St side for 1 Pine tree root pruning/barrier installation and crown reduction for street clearance. RB depth 18 IN and length 50 IN. |
| T5   | SS-017047  | TR-RW-0066111                  | LYRIC LN         | BELLVALE AV     | LIMERICK AV      | 4601 Lyric Ln               |   | 1   |  | 1                      | At 4601 remove Brisbane Box tree and new plant New Zealand X-Mass tree (15 Gal)   |
| T6   | SS-017048  | TR-RW-0066110                  | LYRIC LN         | BOWDEN AV       | BELLVALE AV      | 4573 Lyric Ln               | 1   |   |  | 0                      | At 4573 Brisbane box tree root pruning/barrier installation and 15% crown reduction. RB depth 24 IN and length to match the repair                          |
| T7   | SS-017050  | TR-RW-0066109<br>TR-RW-0066108 | LYRIC LN         | CHATEAU DR      | CANOSA AV        | 4503 and 4509 Lyric Ln      | 2   |   |  | 0                      | At 4503 and 4509 2 Brisbane Box trees root pruning/barrier installation and 15% crown reduction. RB depth 24 IN and length to match the repair              |
| T8   | SS-015299  | TR-RW-0061101                  | KLEEFELD AV      | SAMOSSET AV     | WILLAMETTE AV    | house at 4275 Willamette Av |   | 2   |  | 2                      | At 4658 remove 2 Brisbane Box trees and new plant 2 New Zealand X-Mass trees (15 Gal)   |
| T9   | SS-026238  | TR-RW-0061034<br>TR-RW-0061036 | TECUMSEH WY      | SAGINAW AV      | KLEEFELD AV      | 4320 and 4336 Tecumseh Wy   | 2   |   |  | 0                      | At 4320 and 4336 2 Jacaranda trees root pruning/barrier installation and 15% crown reduction. RB depth 24 IN and length to match the repair                 |
| T10  | SS-003540  |                                | BANNOCK AV       | SUSQUEHANNA PL  | KLEEFELD AV      | 4173 Bannock Ave            | 1   | 1   |  | 0                      | At 4173 Bannock AV root prune pepper tree and install root barrier 15 IN length and 24 IN depth. Remove 10 ft tall King Palm adjacent pepper tree           |
| T11  | SS-028795  | TR-RW-0060907<br>TR-RW-0060933 | WILLAMETTE AV    | ROLFE RD        | KLEEFELD AV      | 4104 and 4111 Willamette Av |   |   | 2  | 2                      | at 4104 and 4111 remove 2 Ash trees and new plant 2 Raywood Ash (15 Gal)  |
| T12  | SS-018218  | TR-RW-0061097<br>TR-RW-0061095 | MIAMI WY         | CINDY ST        | MIAMI CT         | 4545 and 4519 Miami Wy      |   | 2   |  | 2                      | At 4519 and 4545 remove 2 Acaranda trees and new plant 2 Gold Medallion trees (15 Gal)  |
| T13  | SS-002171  | TR-RW-0065245<br>TR-RW-0065246 | ALMAYO CT        | BEGIN           | ALMAYO AV        | 4926 and 4934 Almayo Ct     |   | 2   |  | 2                      | Remove 2 Bottle Brush trees at 4926 and 4934 and new plant 2 New Zealand X-Mass trees   |
| T14  | SS-026820  |                                | TRIANA ST        | LIMERICK AV     | DOLIVA DR        | 5350 Triana St              | 1   | 1   |  | 1                      | At 5350 root prune Ficus tree and install root barrier 25 IN length and 18 IN depth. At same address remove 20 IN Ficus in City ROW                         |
| T15  | SS-026813  | TR-RW-0065254                  | TRIANA ST        | ALMAYO AV       | SOUTHAMPTON ST   | N side 4685 Almayo Av       |   |   | 1  | 1                      | at N side 4685 Almayo Av remove 1 Brazilian Pepper tree and new plant New Zealand X-Mass tree (15 Gal)  |
| T16  | SS-002169  | TR-RW-0065244                  | ALMAYO AV        | ALMAYO CT       | TRIANA ST        | E side 4958 Almayo Ct       |   | 1   |  | 1                      | at E side 4958 Almayo Ct remove 1 Bottle Brush tree and new plant New Zealand X-Mass tree (15 Gal)  |
| T17  | SS-006133  | TR-RW-0062148                  | CANNINGTON DR    | HANNON CT       | LIEBEL CT        |                             | 2   |   |  | 0                      | at 4775 for 2 Carobe trees root pruning and barrier installation and 15% crown reduction. RB depth 24 IN and length to match the repair                     |

| Item | Segment ID | TREE FLOC  | Street Name          | Cross Street 1 | Cross Street 2 | Address  | Tree Root pruning/tree trimming & Barrier Installed | Small Tree Removal & Disposal (<24" Trunk Diameter) | Large Tree Removal & Disposal (>=24" trunk diameter) | New Tree Planting (EA) | Tree Scope of work   |
|------|------------|--|----------------------|----------------|----------------|--|---|---|--|------------------------|--|
| T18  | SS-006125  |  | CANNINGTON DR        | CLEEVE WY      | PRINTWOOD WY   | Previously removed because in construction with Sidewalk Replacement Group 1603 but 20190402 added again to AC 1702 . See MD's email for arborist recommendation | 2   | 3   |  | 3                      | At 6351 remove 3 of 5 trees (South: the Sweet Gum Liquidambar in front of 6418 Cleeve Wy) and root prune 2 sides and barrier installation and 15% crown reduction for 2 of 5 trees (North: the Malaleuca in front of 6351 Printwood Wy) per City arborist Christine Stontz recommendation. Contact Christine Stontz to be present during the root pruning of the two trees that need to be kept. |
| T19  | SS-012248  | TR-RW-0026106  | GLENROY ST           | ELGIN AV       | FORBES AV      |  | 1   |   |  | 0                      | At 7126 Brisbane Box tree root pruning and barrier installation and 15% crown reduction. RB depth 24 IN and length to match the repair   |
| T20  | SS-011762  | TR-RW-0026137  | GALA AV              | BIRCHWOOD ST   | ELDRIDGE ST    |  | 1   |   | 1  | 1                      | Remove 1 Sweet Gum Liquidambar tree at 5536 and new plant 1 Honk Kong Orchid (15 Gal). At 5564 for 1 Honk Kong Orchid tree root pruning and barrier installation and 15% crown reduction. RB depth 24 IN and length to match the repair  |
| T21  | SS-011634  | TR-RW-0208654  | FROUDE ST            | OSPREY ST      | GRANGER ST     |  | 1   |   |  | 0                      | At 4603 Granger St on Froude St side root prune Pine tree and install root barrier 20 IN length and 18 IN depth  |
| T22  | SS-027756  | TR-RW-0118121  | VIA FRONTERA         | BEGIN          | VIA ESPRILLO   | 10966 Via Frontera   | 1   |   |  | 0                      | Pine tree at 10966 root pruning/barrier installation and 15% crown reduction. RB depth 24 IN and length to match the repair  |
| T23  | SS-007958  | TR-RW-0062794<br>TR-RW-0062793<br>TR-RW-0062792<br>TR-RW-0062772 | CORK PL              | DIANE AVE      | ARLENE CT      | 4833 Cork Pl   |   | 4   |  | 4                      | At 4833 remove 4 Sweet Gum Liquidambar trees and new plant 4 Brisbane box trees (15 Gal) - 3 if driveway NOT INCLUDED  |
| T24  | SS-008801  | TR-RW-0062785  | DAWNE ST             | ARLENE ST      | END            | 5141 Dawne st  |   |   | 1  | 1                      | at 5141 Dawne St remove 1 Pine tree and new plant 1 Brisbane Box tree (15 Gal)   |
| T25  | SS-022992  | TR-RW-0061617  | REGINA AV            | BEGIN          | LIMERICK AV    | 5628/5629 Regina Av  |   |   | 2  | 2                      | at 5628 remove 2 Pepper Trees and new plant 2 Gold Medallion (15 Gal)  |
| T26  | SS-031611  |  | UNIVERSITY (FTG) AV  | 60TH ST        | 58TH St        | 5990 University Av (FTG)   |   |   | 1  | 1                      | At 5990 University AV frontage - 40 ft SW from intersection with 60TH ST remove 26 IN Carob tree and new plant Flamegold tree (15 Gal). Contact City Arborist Brian Widener before to remove tree in order to notify Parks Authority the removal and new plant   |
| T27  | SS-009791  | TR-RW-0075679  | EAST WESTINGHOUSE ST | VOLTA CT       | LINBROOK DR    | in front of 1857 E Westinghouse St   | 1   |   |  | 0                      | 50 ft South from 1868 Westinghouse St root prune a Stone Pine and install root barrier 20 IN length and 18 IN depth  |
| T28  | SS-004337  |  | BLACK MTN RD         | FALL RIVER WY  | CARMEL MTN RD  | in front of 1857 E Westinghouse St   | 1   |   |  | 0                      | At 13450 Sawtooth St at SE corner intersection Black Mountain Rd and Fall River Wy root prune private tree and install RB 18 IN depth and length to match repair   |

Quantity Total

19

19

8

26

**APPENDIX N**  
**STRIPING MODIFICATIONS**

| Item | Segment ID                                       | Street Name      | Cross Street / Limits                         | TASK COMMENT  |
|------|--|------------------|---|---|
| SM1  | SS-027697  | VIA DEL CAMPO    | VIA ESPRILLO                                  | See striping modification plan  |
| SM2  | SS-028450  | WEST BERNARDO DR | TECHNOLOGY DR                                 | See striping modification plan and traffic signal plan  |
| SM3  | SS-028444<br>SS-028443<br>SS-028449<br>SS-028442 | WEST BERNARDO DR | from Rancho Bernardo Rd to Bernardo Center Dr | See striping modification plan  |
| SM4  | SS-004337  | BLACK MTN RD     | FALL RIVER WY                                 | Keep the stop sign at the existing location. Relocate limit lines, and "STOP" pavement legends considering that the limit lines need to be located at least 24 inches behind the curb ramp wings. Provide five feet of red curb past all wings of the new curb ramps.   |
| SM5  | SS-025962<br>SS-025960                           | SURCO DR         | SANTA ARMINTA AV                              | Don't relocate the street name signs at SE PCR. Install a new pole and relocate the stop sign before the proposed curb ramp. Relocate the stop signs, limit lines, and "STOP" pavement legends considering that the limit lines need to be located at least 24 inches behind the curb ramp wings. Provide five feet of red curb past all wings of the new curb ramps.   |
| SM6  | SS-026318<br>SS-026319                           | TRIANA ST        | ANDALUSIA AV                                  | For the SW corner relocate the school patrol yellow limit line 55' back (to West side). Relocate the stop signs, limit lines, and "STOP" pavement legends considering that the limit lines need to be located at least 24 inches behind the curb ramp wings. Provide five feet of red curb past all wings of the new curb ramps.  |
| SM7  | SS-026820  | TRIANA ST        | DOLVA DR                                      | Relocate the stop signs, limit lines, and "STOP" pavement legends considering that the limit lines need to be located at least 24 inches behind the curb ramp wings. Provide five feet of red curb past all wings of the new curb ramps   |
| SM8  | SS-006123  | CANNINGTON DR    | MT ABERNATHY AV                               | Replace the old curb ramp on NE side with sidewalk. Remove existing "STOP" sign and "All-Way" plaque from the streetlight pole and install on a new pole in the sidewalk behind the new curb ramp. Relocate the limit line at least 4 feet away from the closest crosswalk bar per SDM-116 and "STOP" pavement legend before the curb ramp as well. The limit line has to be located at least 24 inches behind the curb ramp wing. Provide five feet of red curb past all wings of the new. |
| SM9  | SS-006124<br>SS-006125                           | CANNINGTON DR    | PRINTWOOD WY                                  | Install yellow continental crosswalk for the North and South legs. Relocate the stop signs, limit lines, and "STOP" pavement legends considering that the limit lines need to be located at least 24 inches behind the curb ramp wings. Provide five feet of red curb past all wings of the new curb ramps. The limit lines for the stop signs shall be at least 4 feet away from the closest crosswalk bar per SDM-116.  |
| SM10 | SS-006125<br>SS-006126                           | CANNINGTON DR    | CLEEVE WY                                     | Between Printwood Wy and Cleeve Wy remove and replace 680 sf sidewalk and 150 lf curb and gutter. See item T18 Relocate the stop signs, limit lines, and "STOP" pavement legends considering that the limit lines need to be located at least 24 inches behind the curb ramp wings. Provide five feet of red curb past all wings of the new curb ramps. See tree work   |

| Item | Segment ID   | Street Name              | Cross Street / Limits                     | TASK COMMENT   |
|------|--|--------------------------|---|--|
| SM11 | SS-006126<br>SS-006127   | CANNINGTON DR            | CHEAMES WY                                | Remove existing crosswalks on the north and south legs. Install school crosswalk on the East leg. Relocate stop sign, limit line, and "STOP" pavement legend considering that the limit line has to be located at least 24 inches behind the curb ramp wing. Provide five feet of red curb past all wings of the new curb ramps. |
| SM12 | SS-006127<br>SS-006128   | CANNINGTON DR            | ARUNDEL PL                                | Relocate stop sign, limit line, and "STOP" pavement legend considering that the limit line has to be located at least 24 inches behind the curb ramp wing. Provide five feet of red curb past all wings of the new curb ramps.   |
| SM13 | SS-006128<br>SS-006129   | CANNINGTON DR            | FOYLE WY                                  | Relocate the existing stop sign on a new pole in front of the SDG&E pole. Relocate stop sign, limit line, and "STOP" pavement legend considering that the limit line has to be located at least 24 inches behind the curb ramp wing. Provide five feet of red curb past all wings of the new curb ramps.                         |
| SM14 | SS-024315<br>SS-024316   | SANTO RD                 | from CLAREMONT MESA BL to TIERRASANTA BL  | See striping modification plan   |
| SM15 | SS-028913  | WINDING CREEK DR         | JACKSON DR                                | Relocate the stop sign, limit line, and "STOP" pavement legend considering that the limit lines need to be located at least 24 inches behind the curb ramp wings   |
| SM16 | SS-017055<br>SS-017056<br>SS-003593<br>SS-003589<br>SS-003592<br>SS-003591<br>SS-003588<br>SS-003590 | LYTTON ST AND BARNETT AV | from ROSECRAN ST TO PACIFIC HIGHWAY RAMPS | See striping modification plan   |
| SM17 | SS-009035  | DEL SOL LN               | DEL SOL BL                                | Install STOP pavement marking legend for northbound Del Sol Ln at 8 feet back from the STOP bar.   |

# SANTO RD STRIPING IMPROVEMENT

## LEGEND

- CALTRANS STANDARD PLAN A20A - A20D DETAIL NUMBER
- PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A
- PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A
- BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A AND A24C.
- SHARED LANE MARKING PER CALTRANS STANDARD PLAN A24C
- PROPOSED STRIPING/PAVEMENT MARKINGS
- EXISTING STRIPING/PAVEMENT MARKINGS

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

### STRIPING AND SIGNING GENERAL NOTES

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND RIGHT OF WAY PRIOR TO CONSTRUCTION.
- ALL WORK SHALL CONFORM TO THE MOST RECENT ADOPTED EDITION OF THE FOLLOWING MANUALS:

| DOCUMENT NO.  | EDITION     | DESCRIPTION   |
|---------------|-------------|---|
| PWPI070116-01 | 2018        | STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "GREENBOOK")                   |
| PWPI070116-02 | 2018        | CITY OF SAN DIEGO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "WHITEBOOK") |
| PWPI092816-05 | 2018        | CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS                |
| PWPI092816-06 | 2018        | CALTRANS STANDARDS PLANS  |
| PWPI092816-07 | 2014 REV. 3 | CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD)                           |

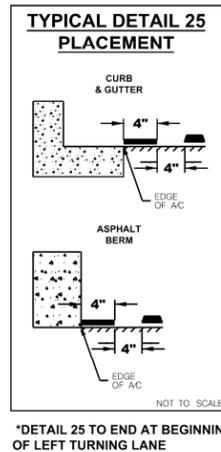
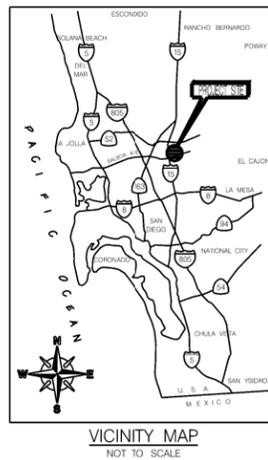
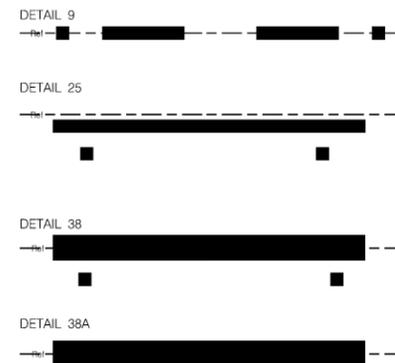
- ALL SIGNING AND STRIPING IS SUBJECT TO THE APPROVAL OF THE CITY ENGINEER PRIOR TO INSTALLATION AND/OR REMOVAL.
- THE CONTRACTOR SHALL REMOVE ALL CONFLICTING STRIPING, PAVEMENT MARKINGS AND LEGENDS. ANY DEBRIS SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
- ALL RAISED MEDIAN NOSES SHALL BE PAINTED AS DIRECTED.
- STRIPED CROSSWALKS SHALL HAVE INSIDE DIMENSIONS OF 10 FEET UNLESS INDICATED OTHERWISE.
- PEDESTRIAN CROSSWALKS, LIMIT LINES, PAVEMENT ARROWS, AND PAVEMENT LEGENDS SHALL BE INSTALLED UTILIZING THERMOPLASTIC MARKING MATERIAL UNLESS OTHERWISE NOTED.
- A MINIMUM OF 2" BLACK PAINT BORDER SHALL BE APPLIED TO ALL TRAFFIC STRIPING, MARKINGS, AND LEGENDS ON CONCRETE PAVEMENT.
- THE CONTRACTOR SHALL NOTIFY THE CITY TRAFFIC ENGINEER AT (858) 495-4741 A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO AND UPON COMPLETION OF STRIPING AND SIGNING.
- ORTHOGRAPHIC PHOTOS SHOWN IN THE BACKGROUND ARE FOR REFERENCE ONLY AND MAY NOT REFLECT EXISTING CONDITIONS.

### CONSTRUCTION NOTES

- INSTALL CONTINENTAL CROSSWALK PER CITY OF SAN DIEGO STANDARD PLAN SDM-116. ALL OF THE STRIPING AND MARKINGS SHOULD BE A MINIMUM OF 4' FROM CONTINENTAL CROSSWALK. ONLY STRIPE CONTINENTAL CROSSWALKS WITHIN RESURFACING LIMITS. RESIDENT ENGINEER TO APPROVE CROSSWALK STRIPING PATTERN IN FIELD PRIOR TO INSTALLATION.
- INSTALL PAVEMENT MARKING LIMIT LINE PER CALTRANS STANDARD PLAN A24E, AS SHOWN PER PLAN.
- INSTALL PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A, CENTERED IN TRAVEL LANE.
- INSTALL PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A, CENTERED IN TRAVEL LANE.
- INSTALL BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A, AND A24C, AT 300' INTERVALS TYPICAL OR AS SHOWN PER PLAN.
- INSTALL TYPE Q BICYCLE DETECTOR LOOP, AND DETECTOR LEAD-IN CABLE (DLC) FOR EVERY NEW BICYCLE LOOP DETECTOR TO THE CONTROLLER CABINET, PER CALTRANS STANDARD PLAN ES-5B. AT 44' IN ADVANCE OF LIMIT LINE. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
- INSTALL THERMOPLASTIC SHARED LANE MARKINGS PER CALTRANS STANDARD PLAN A24C, CENTERED 6' FROM THE LEFT TRAVEL LANE AT 140' INTERVALS OR AS SHOWN PER PLAN.

### STRIPING DETAILS

LANE WIDTH DIMENSIONS ARE DEFINED AS CENTER OF STRIPE TO FACE OF CURB/MEDIAN (WHERE PRESENT) OR CENTER OF STRIPE TO CENTER OF STRIPE UNLESS OTHERWISE NOTED. THE REFERENCE LINE OF THE SPECIFIC STRIPING DETAILS ARE SHOWN BELOW (NOT TO SCALE):



### SHEET INDEX

| SHEET NO. | DISCIPLINE CODE | TITLE         | LIMITS                                   |
|-----------|-----------------|---------------|--|
| -         | G-1             | COVER SHEET   |  |
| 1         | T-1             | TRAFFIC PLANS | TIERRASANTA BLVD TO CLAIREMONT MESA BLVD |
| 2         | T-2             | TRAFFIC PLANS | PORTO CT TO CLAIREMONT MESA BLVD         |

### DISCIPLINE CODE

- G GENERAL
- T TRAFFIC CONTROL

### STREET CLASSIFICATION

STREET NAME: SANTO ROAD  
STREET CLASSIFICATION: COLLECTOR

G-1

STRIPING AND SIGNAGE PLAN FOR:

## SANTO RD

BETWEEN CLAIREMONT MESA BLVD AND TIERRASANTA BLVD

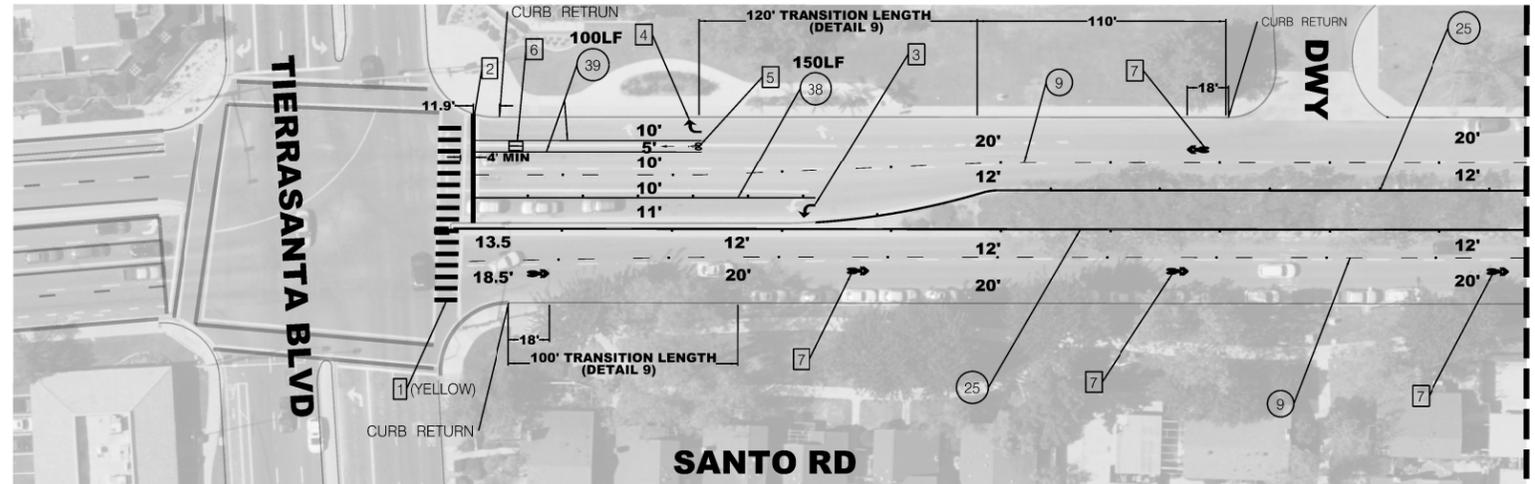
|  |                |   |
|--|----------------|---|
| CITY OF SAN DIEGO, CALIFORNIA<br>TRANSPORTATION AND STORM WATER DEPT.<br>SHEET 1 OF 3 SHEETS |                | WATER WBS: N/A<br>SEWER WBS: N/A                |
| APPROVED:  | DATE: 02/20/19 | SUBMITTED BY: DONALD PORNAN<br>PROJECT MANAGER  |
| FOR CITY ENGINEER  |                | CHECKED BY: CHRISTIAN SALAZ<br>PROJECT ENGINEER |
| DESCRIPTION: ORIGINAL  | BY: CS         | APPROVED: DATE: FILMED: N/A                     |
| CONTRACTOR: _____ DATE STARTED: _____  |                | COORDINATE: N/A                                 |
| INSPECTOR: _____ DATE COMPLETED: _____   |                | COORDINATE: N/A                                 |



## Transportation & Storm Water



CONSTRUCTION NOTES (THIS SHEET)

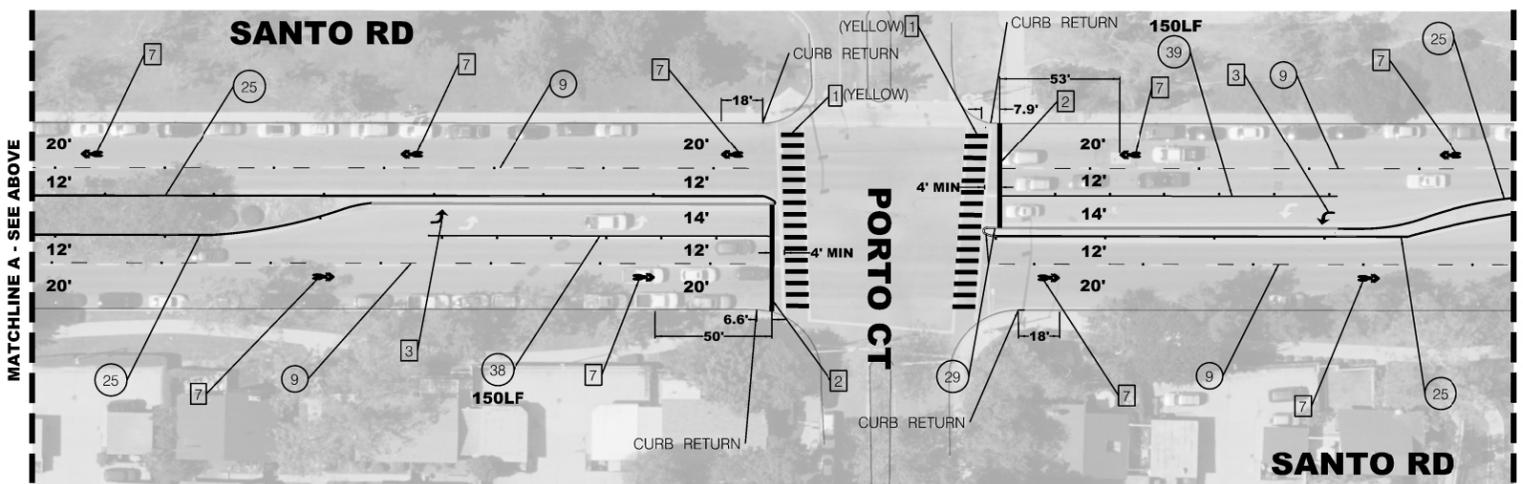


MATCHLINE A - SEE BELOW

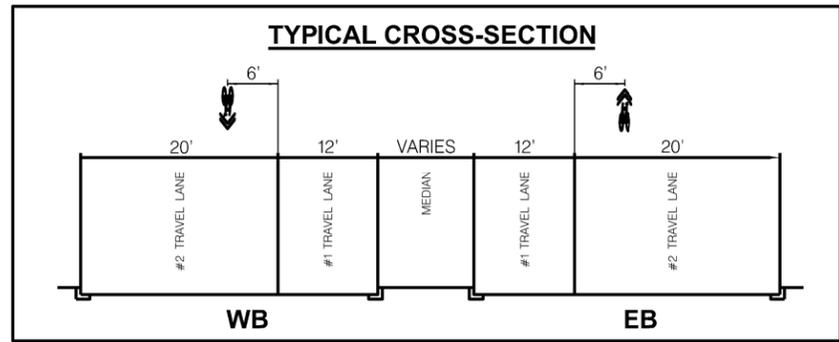
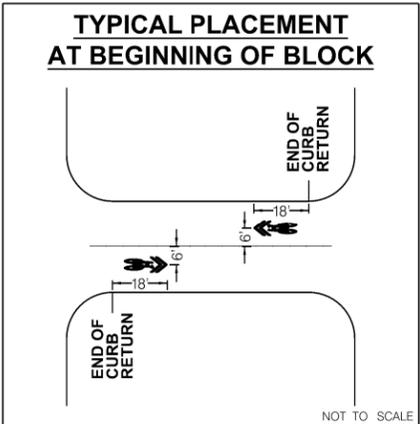
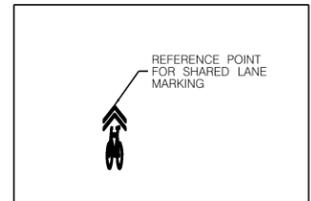
**LEGEND**

- (XXX) CALTRANS STANDARD PLAN A20A - A20D DETAIL NUMBER
- PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A
- PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A
- BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A AND A24C.
- SHARED LANE MARKING PER CALTRANS STANDARD PLAN A24C
- PROPOSED STRIPING/PAVEMENT MARKINGS
- EXISTING STRIPING/PAVEMENT MARKINGS

- 1 INSTALL CONTINENTAL CROSSWALK PER CITY OF SAN DIEGO STANDARD PLAN SDM-116. ALL OF THE STRIPING AND MARKINGS SHOULD BE A MINIMUM OF 4' FROM CONTINENTAL CROSSWALK. ONLY STRIPE CONTINENTAL CROSSWALKS WITHIN RESURFACING LIMITS. RESIDENT ENGINEER TO APPROVE CROSSWALK STRIPING PATTERN IN FIELD PRIOR TO INSTALLATION.
- 2 INSTALL PAVEMENT MARKING LIMIT LINE PER CALTRANS STANDARD PLAN A24E, AS SHOWN PER PLAN.
- 3 INSTALL PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A, CENTERED IN TRAVEL LANE.
- 4 INSTALL PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A, CENTERED IN TRAVEL LANE.
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- 7 INSTALL THERMOPLASTIC SHARED LANE MARKINGS PER CALTRANS STANDARD PLAN A24C, CENTERED 6' FROM THE LEFT TRAVEL LANE AT 140' INTERVALS OR AS SHOWN PER PLAN.



MATCHLINE B - SEE SHEET 3



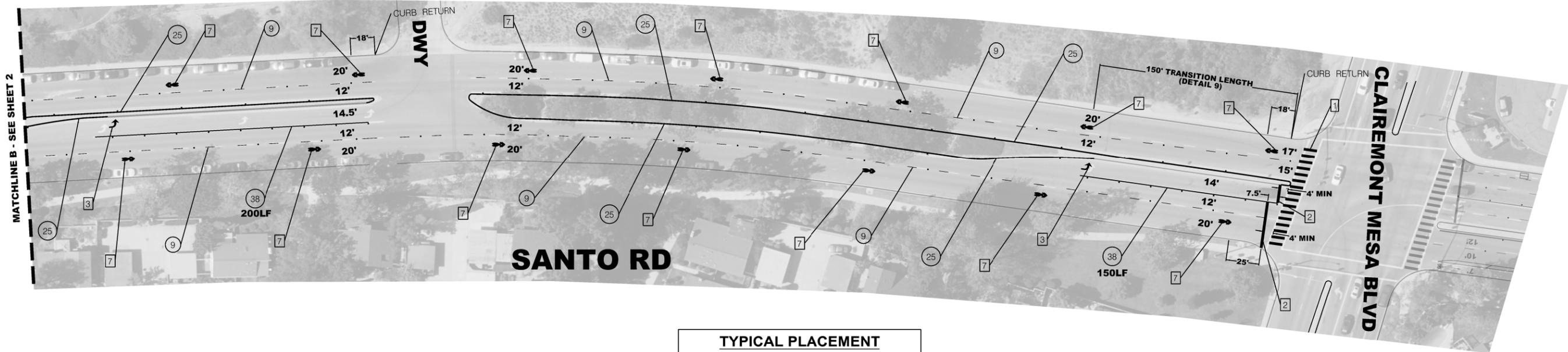
T-1

|  |                     |  |                      |
|--|---------------------|--|----------------------|
| STRIPING AND SIGNAGE PLAN FOR:   |                     |  |                      |
| <b>SANTO RD</b>  |                     |  |                      |
| TIERRASANTA BLVD TO CLAIREMONT MESA BLVD   |                     |  |                      |
| CITY OF SAN DIEGO, CALIFORNIA<br>TRANSPORTATION AND STORM WATER DEPT.<br>SHEET 2 OF 3 SHEETS |                     | WATER WBS <b>N/A</b>                                   | SEWER WBS <b>N/A</b> |
| APPROVED BY: <i>Christian Salaz</i>  | DATE: 6/20/19       | DRAWN BY: <b>DONALD PORNAN</b><br>PROJECT MANAGER      |                      |
| FOR CITY ENGINEER  |                     | CHECKED BY: <b>CHRISTIAN SALAZ</b><br>PROJECT ENGINEER |                      |
| DESCRIPTION: ORIGINAL  | BY: CS              | APPROVED: [ ]  | DATE: [ ]            |
|  |                     | FILED: [ ]   |                      |
|  |                     |  |                      |
|  |                     |  |                      |
|  |                     |  |                      |
| CONTRACTOR: [ ]  | DATE STARTED: [ ]   | INSPECTOR: [ ]   |                      |
|  | DATE COMPLETED: [ ] |  |                      |



Transportation & Storm Water



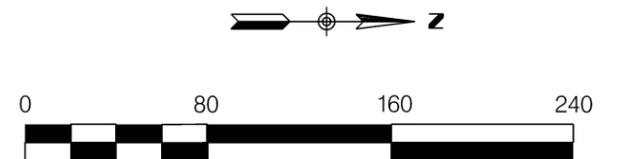
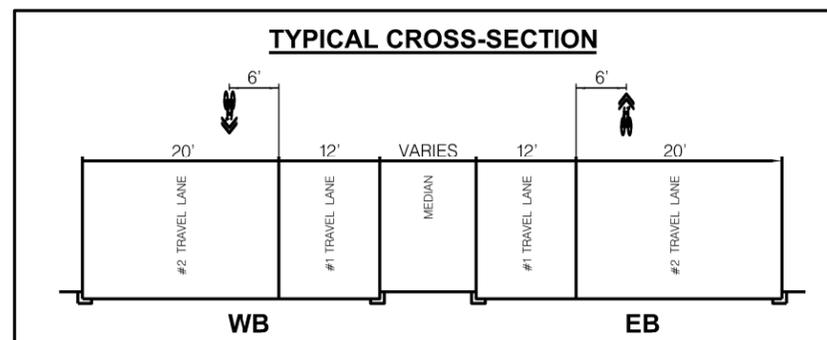
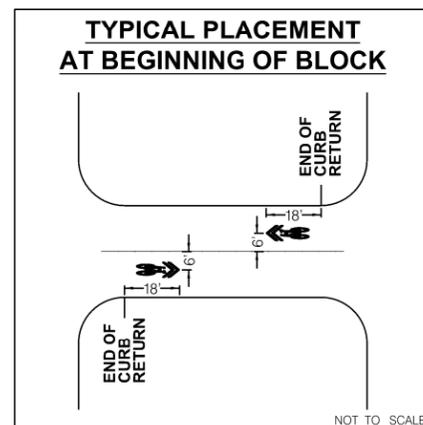


CONSTRUCTION NOTES (THIS SHEET)

- 1 INSTALL CONTINENTAL CROSSWALK PER CITY OF SAN DIEGO STANDARD PLAN SDM-116. ALL OF THE STRIPING AND MARKINGS SHOULD BE A MINIMUM OF 4' FROM CONTINENTAL CROSSWALK. ONLY STRIPE CONTINENTAL CROSSWALKS WITHIN RESURFACING LIMITS. RESIDENT ENGINEER TO APPROVE CROSSWALK STRIPING PATTERN IN FIELD PRIOR TO INSTALLATION.
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- 7 INSTALL THERMOPLASTIC SHARED LANE MARKINGS PER CALTRANS STANDARD PLAN A24C, CENTERED 6' FROM THE LEFT TRAVEL LANE AT 140' INTERVALS OR AS SHOWN PER PLAN.

**LEGEND**

- CALTRANS STANDARD PLAN A20A - A20D DETAIL NUMBER
- PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A
- PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A
- SHARED LANE MARKING PER CALTRANS STANDARD PLAN A24C
- PROPOSED STRIPING/PAVEMENT MARKINGS
- EXISTING STRIPING/PAVEMENT MARKINGS



T-2

|                                  |      |  |                 |
|----------------------------------|------|--|-----------------|
| STRIPING AND SIGNAGE PLAN FOR:   |      | SANTO RD   |                 |
| CLAIREMONT MESA BLVD TO PORTO CT |      | CITY OF SAN DIEGO, CALIFORNIA<br>TRANSPORTATION AND STORM WATER DEPT.<br>SHEET 3 OF 3 SHEETS |                 |
| APPROVED FOR CITY ENGINEER       | DATE | WATER WBS  | N/A             |
| FOR CITY ENGINEER                | DATE | SEWER WBS  | N/A             |
| DESCRIPTION                      | BY   | APPROVED   | DATE            |
| ORIGINAL                         | CS   |  | 02/2019         |
| CONTRACTOR                       |      | DATE STARTED   |                 |
| INSPECTOR                        |      | DATE COMPLETED   |                 |
| SUBMITTED BY                     |      | PROJECT MANAGER  | DONALD FORNAN   |
| CHECKED BY                       |      | PROJECT ENGINEER   | CHRISTIAN SALAZ |
|                                  |      | COORDINATE   | N/A             |
|                                  |      | COORDINATE   | N/A             |
|                                  |      | COORDINATE   | N/A             |



Transportation & Storm Water



# VIA DEL CAMPO STRIPING IMPROVEMENT

## SHEET INDEX

| SHEET NO. | DISCIPLINE CODE | TITLE         | LIMITS                                    |
|-----------|-----------------|---------------|---|
| -         | G-1             | COVER SHEET   |   |
| 1         | T-1             | TRAFFIC PLANS | BETWEEN VIA ESPRILLO AND WEST BERNARDO DR |

### WORK TO BE DONE

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



VICINITY MAP  
NOT TO SCALE

### LEGEND

- CALTRANS STANDARD PLAN A20A - A20D DETAIL NUMBER
- PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A
- PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A
- BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A AND A24C.
- SHARED LANE MARKING PER CALTRANS STANDARD PLAN A24C
- PROPOSED STRIPING/PAVEMENT MARKINGS
- EXISTING STRIPING/PAVEMENT MARKINGS

### STRIPING AND SIGNING GENERAL NOTES

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND RIGHT OF WAY PRIOR TO CONSTRUCTION.
- ALL WORK SHALL CONFORM TO THE MOST RECENT ADOPTED EDITION OF THE FOLLOWING MANUALS:

| DOCUMENT NO.  | EDITION     | DESCRIPTION   |
|---------------|-------------|---|
| PWPI070116-01 | 2018        | STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "GREENBOOK")                   |
| PWPI070116-02 | 2018        | CITY OF SAN DIEGO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "WHITEBOOK") |
| PWPI092816-05 | 2018        | CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS                |
| PWPI092816-06 | 2018        | CALTRANS STANDARDS PLANS  |
| PWPI092816-07 | 2014 REV. 3 | CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD)                           |

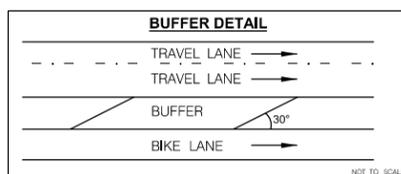
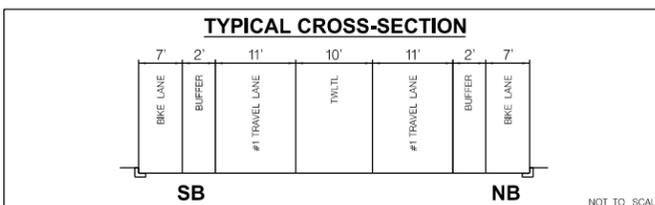
- ALL SIGNING AND STRIPING IS SUBJECT TO THE APPROVAL OF THE CITY ENGINEER PRIOR TO INSTALLATION AND/OR REMOVAL.
- THE CONTRACTOR SHALL REMOVE ALL CONFLICTING STRIPING, PAVEMENT MARKINGS AND LEGENDS. ANY DEBRIS SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
- ALL RAISED MEDIAN NOSES SHALL BE PAINTED AS DIRECTED.
- STRIPED CROSSWALKS SHALL HAVE INSIDE DIMENSIONS OF 10 FEET UNLESS INDICATED OTHERWISE.
- PEDESTRIAN CROSSWALKS, LIMIT LINES, PAVEMENT ARROWS, AND PAVEMENT LEGENDS SHALL BE INSTALLED UTILIZING THERMOPLASTIC MARKING MATERIAL UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL NOTIFY THE CITY TRAFFIC ENGINEER AT (858) 495-4741 A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO AND UPON COMPLETION OF STRIPING AND SIGNING.
- A MINIMUM OF 2" BLACK PAINT BORDER SHALL BE APPLIED TO ALL TRAFFIC STRIPING, MARKING, AND LEGENDS ON CONCRETE PAVEMENT.
- ORTHOGRAPHIC PHOTOS SHOWN IN THE BACK GROUND ARE FOR REFERENCE ONLY AND MAY NOT REFLECT EXISTING CONDITIONS.

### CONSTRUCTION NOTES

- INSTALL BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A, AND A24C, AT 300' INTERVALS TYPICAL OR AS INDICATED IN PLAN.
- INSTALL 6" WHITE DIAGONAL CROSS HATCHING THERMOPLASTIC 125 MIL. STRIPE, ANGLED AT 30 DEGREES AND AT 40' INTERVALS. SEE BUFFER DETAIL.
- INSTALL CONTINENTAL CROSSWALK PER CITY OF SAN DIEGO STANDARD PLAN SDM-116. ALL OF THE STRIPING AND MARKINGS SHOULD BE A MINIMUM OF 4' FROM CONTINENTAL CROSSWALK. ONLY STRIPE CONTINENTAL CROSSWALKS WITHIN RESURFACING LIMITS. RESIDENT ENGINEER TO APPROVE CROSSWALK STRIPING PATTERN IN FIELD PRIOR TO INSTALLATION.
- INSTALL 12" SOLID WHITE THERMOPLASTIC LINE.
- INSTALL SHARED LANE MARKINGS PER CALTRANS STANDARD PLAN A24C, CENTERED IN TRAVEL LANE, AS SHOWN ON THE PLAN.
- INSTALL GREEN PAINT (ENNIS FLINT PRODUCT CODE 183, PRODUCT COLOR 34108 OR APPROVED EQUAL), 2 COATS, AND RETROREFLECTIVE BEADS FOR EACH COAT. GREEN PAINT SHOULD NOT BE PLACED IN GUTTER PANS WHERE PRESENT.
- INSTALL PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A
- INSTALL PAVEMENT MARKING WORD "STOP" PER CALTRANS STANDARD PLAN A24D, AS SHOWN PER PLAN.
- INSTALL TYPE Q BICYCLE DETECTOR LOOP, AND DETECTOR LEAD-IN CABLE (DLC) FOR EVERY NEW BICYCLE LOOP DETECTOR TO THE CONTROLLER CABINET, PER CALTRANS STANDARD PLAN ES-5B. AT 44' IN ADVANCE OF LIMIT LINE OR AS INDICATED IN PLAN. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
- INSTALL PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A

### STRIPING DETAILS

LANE WIDTH DIMENSIONS ARE DEFINED AS CENTER OF STRIPE TO FACE OF CURB/MEDIAN (WHERE PRESENT) OR CENTER OF STRIPE TO CENTER OF STRIPE UNLESS OTHERWISE NOTED. THE REFERENCE LINE OF THE SPECIFIC STRIPING DETAILS ARE SHOWN BELOW (NOT TO SCALE):



### DISCIPLINE CODE

- G GENERAL
- T TRAFFIC CONTROL

### STREET CLASSIFICATION

STREET NAME: VIA DEL CAMPO  
STREET CLASSIFICATION: MAJOR

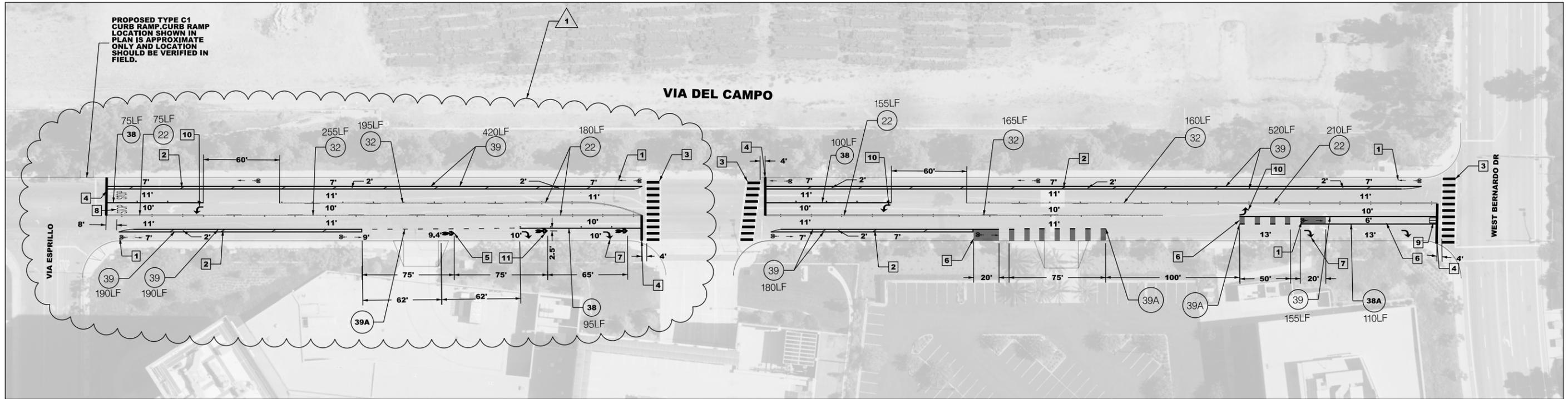
G-1

|  |               |  |   |
|--|---------------|--|---|
| STRIPING AND SIGNAGE PLAN FOR:   |               |  |   |
| <b>VIA DEL CAMPO</b>   |               |  |   |
| BETWEEN WEST BERNARDO DR AND VIA ESPRILLO  |               |  |   |
| CITY OF SAN DIEGO, CALIFORNIA<br>TRANSPORTATION AND STORM WATER DEPT.<br>SHEET 1 OF 2 SHEETS |               | WATER WBS: N/A                                 | SEWER WBS: N/A                            |
| APPROVED BY: <i>[Signature]</i><br>FOR CITY ENGINEER   | DATE: 7/17/19 | SUBMITTED BY: DONALD FORMAN<br>PROJECT MANAGER |   |
| DESCRIPTION: ORIGINAL  | BY: AJ        | APPROVED: 4/26/2019                            | CHECKED BY: ALI JASIM<br>PROJECT ENGINEER |
| REVISION: A  | BY: AJ        | DATE: 7/15/2019                                | CCS27 COORDINATE: N/A                     |
| CONTRACTOR: _____  |               | DATE STARTED: _____                            | CCS83 COORDINATE: N/A                     |
| INSPECTOR: _____   |               | DATE COMPLETED: _____                          |   |



Transportation & Storm Water





PROPOSED TYPE C1 CURB RAMP. CURB RAMP LOCATION SHOWN IN PLAN IS APPROXIMATE ONLY AND LOCATION SHOULD BE VERIFIED IN FIELD.

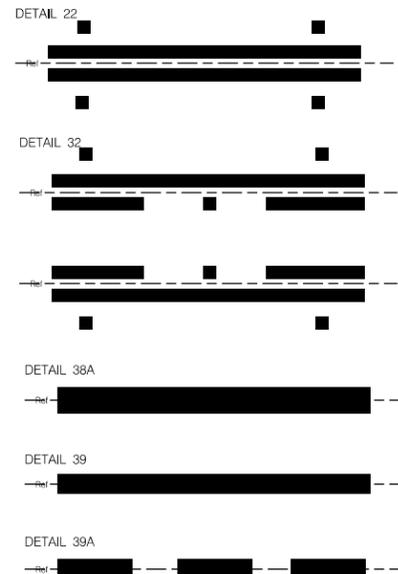
VIA DEL CAMPO

**LEGEND**

- ⊗ CALTRANS STANDARD PLAN A20A - A20D DETAIL NUMBER
- ↩ PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A
- ↪ PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A
- ↑ BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A AND A24C.
- 🚲 SHARED LANE MARKING PER CALTRANS STANDARD PLAN A24C
- ▬ PROPOSED STRIPING/PAVEMENT MARKINGS
- ▬ EXISTING STRIPING/PAVEMENT MARKINGS

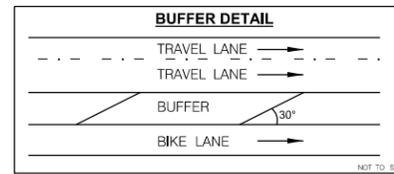
STRIPING DETAILS

LANE WIDTH DIMENSIONS ARE DEFINED AS CENTER OF STRIPE TO FACE OF CURB/MEDIAN (WHERE PRESENT) OR CENTER OF STRIPE TO CENTER OF STRIPE UNLESS OTHERWISE NOTED. THE REFERENCE LINE OF THE SPECIFIC STRIPING DETAILS ARE SHOWN BELOW (NOT TO SCALE):



CONSTRUCTION NOTES (THIS SHEET)

- 1 INSTALL BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A, AND A24C, AT 300' INTERVALS TYPICAL OR AS INDICATED IN PLAN.
- 2 INSTALL 6" WHITE DIAGONAL CROSS HATCHING THERMOPLASTIC 125 MIL. STRIPE, ANGLED AT 30 DEGREES AND AT 40' INTERVALS. SEE BUFFER DETAIL.
- 3 INSTALL CONTINENTAL CROSSWALK PER CITY OF SAN DIEGO STANDARD PLAN SDM-116. ALL OF THE STRIPING AND MARKINGS SHOULD BE A MINIMUM OF 4' FROM CONTINENTAL CROSSWALK. ONLY STRIPE CONTINENTAL CROSSWALKS WITHIN RESURFACING LIMITS. RESIDENT ENGINEER TO APPROVE CROSSWALK STRIPING PATTERN IN FIELD PRIOR TO INSTALLATION.
- 4 INSTALL 12" SOLID WHITE THERMOPLASTIC LINE.
- 5 INSTALL SHARED LANE MARKINGS PER CALTRANS STANDARD PLAN A24C, CENTERED IN TRAVEL LANE, AS SHOWN ON THE PLAN.
- 6 INSTALL GREEN PAINT (ENNIS FLINT PRODUCT CODE 183, PRODUCT COLOR 34108 OR APPROVED EQUAL), 2 COATS, AND RETROREFLECTIVE BEADS FOR EACH COAT. GREEN PAINT SHOULD NOT BE PLACED IN GUTTER PANS WHERE PRESENT.
- 7 INSTALL PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A
- 8 INSTALL PAVEMENT MARKING WORD "STOP" PER CALTRANS STANDARD PLAN A24D, AS SHOWN PER PLAN.
- 9 INSTALL TYPE Q BICYCLE DETECTOR LOOP, AND DETECTOR LEAD-IN CABLE (DLC) FOR EVERY NEW BICYCLE LOOP DETECTOR TO THE CONTROLLER CABINET, PER CALTRANS STANDARD PLAN ES-5B. AT 44' IN ADVANCE OF LIMIT LINE OR AS INDICATED IN PLAN. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
- 10 INSTALL PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A



STRIPING AND SIGNAGE PLAN FOR:

**VIA DEL CAMPO**  
BETWEEN WEST BERNARDO DR  
AND VIA ESPRILLO

|  |               |   |                       |
|--|---------------|---|-----------------------|
| CITY OF SAN DIEGO, CALIFORNIA<br>TRANSPORTATION AND STORM WATER DEPT.<br>SHEET 2 OF 2 SHEETS |               | WATER WBS: N/A                                  | SEWER WBS: N/A        |
| APPROVED: <i>[Signature]</i><br>FOR CITY ENGINEER  | DATE: 7/17/19 | SUBMITTED BY: DONALD PORNANI<br>PROJECT MANAGER |                       |
| DESCRIPTION  | BY            | APPROVED  | DATE                  |
| ORIGINAL   | AJ            |   | 4/26/2019             |
| REVISION A   | AJ            |   | 7/11/2019             |
| CONTRACTOR: _____  |               | DATE STARTED: _____                             | DATE COMPLETED: _____ |
| INSPECTOR: _____   |               | CHECKED BY: ALL JASIM<br>PROJECT ENGINEER       |                       |
|  |               | N/A   |                       |



Transportation & Storm Water



# W. BERNARDO DRIVE STRIPING IMPROVEMENT

## SHEET INDEX

| SHEET NO. | DISCIPLINE CODE | TITLE         | LIMITS  |
|-----------|-----------------|---------------|---|
| 1         | G-1             | COVER SHEET   |   |
| 2         | T-1             | TRAFFIC PLANS | BERNARDO CENTER DRIVE TO TECHNOLOGY DRIVE       |
| 3         | T-2             | TRAFFIC PLANS | TECHNOLOGY DRIVE TO VIA DEL CAMPO               |
| 4         | T-3             | TRAFFIC PLANS | VIA DEL CAMPO TO GEORGE COOKE EXPRESS DRIVE     |
| 5         | T-4             | TRAFFIC PLANS | GEORGE COOKE EXPRESS DRIVE TO W BERNARDO CENTER |
| 6         | T-5             | TRAFFIC PLANS | W BERNARDO CENTER TO RANCHO BERNARDO ROAD       |

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

### STRIPING AND SIGNING GENERAL NOTES

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND RIGHT OF WAY PRIOR TO CONSTRUCTION.
- ALL WORK SHALL CONFORM TO THE MOST RECENT ADOPTED EDITION OF THE FOLLOWING MANUALS:
 

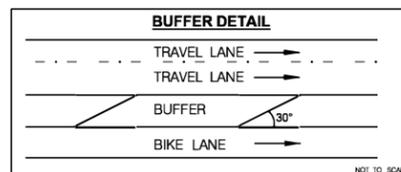
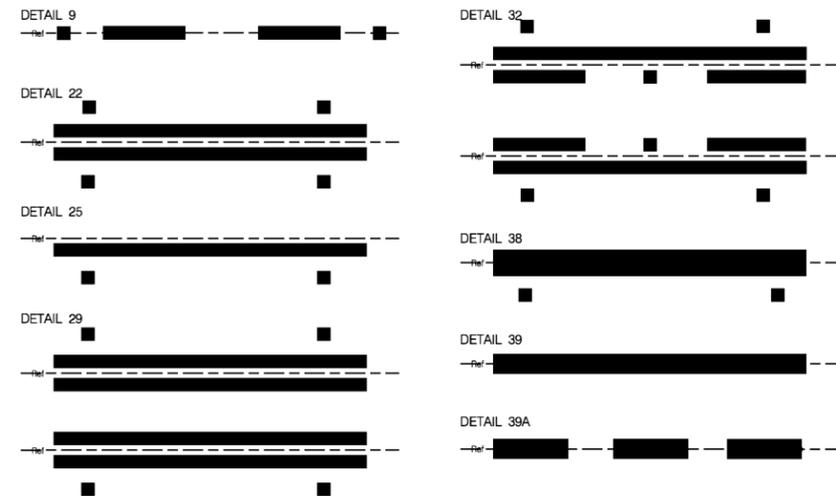
| DOCUMENT NO.  | EDITION     | DESCRIPTION   |
|---------------|-------------|---|
| PWPI070116-01 | 2018        | STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "GREENBOOK")                   |
| PWPI070116-02 | 2018        | CITY OF SAN DIEGO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "WHITEBOOK") |
| PWPI092816-05 | 2018        | CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS                |
| PWPI092816-06 | 2018        | CALTRANS STANDARDS PLANS  |
| PWPI092816-07 | 2014 REV. 3 | CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD)                           |
- ALL SIGNING AND STRIPING IS SUBJECT TO THE APPROVAL OF THE CITY ENGINEER PRIOR TO INSTALLATION AND/OR REMOVAL.
- THE CONTRACTOR SHALL REMOVE ALL CONFLICTING STRIPING, PAVEMENT MARKINGS AND LEGENDS. ANY DEBRIS SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
- SIGN POSTS SHALL BE INSTALLED WITH SQUARE PERFORATED STEEL TUBING WITH A BREAKAWAY BASE PER CITY OF SAN DIEGO STANDARD DRAWING M-45.
- ALL RAISED MEDIAN NOSES SHALL BE PAINTED AS DIRECTED.
- ALL SIGNS SHOWN ON THE STRIPING AND SIGNING PLANS SHALL BE NEW SIGNS PROVIDED AND INSTALLED BY THE CONTRACTOR OR CITY OF SAN DIEGO STREET DIVISION AS INDICATED ON PLANS, EXCEPT FOR THE EXISTING SIGNS, SPECIFICALLY INDICATED TO BE RELOCATED OR TO REMAIN. ALL SIGNS NOT INDICATED ON PLANS SHALL REMAIN IN PLACE.
- STRIPED CROSSWALKS SHALL HAVE INSIDE DIMENSIONS OF 10 FEET UNLESS INDICATED OTHERWISE.
- ALL LIMIT LINES, CROSSWALK LINES, PAVEMENT LEGENDS AND ARROWS SHALL BE THERMOPLASTIC.
- THE CONTRACTOR SHALL NOTIFY THE CITY TRAFFIC ENGINEER AT (858) 495-4741 A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO AND UPON COMPLETION OF STRIPING AND SIGNING.

### LEGEND

- CALTRANS STANDARD PLAN A20A - A20D DETAIL NUMBER
- PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A
- PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A
- BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A AND A24C.
- PROPOSED STRIPING/PAVEMENT MARKINGS

### STRIPING DETAILS

LANE WIDTH DIMENSIONS ARE DEFINED AS CENTER OF STRIPE TO FACE OF CURB/MEDIAN (WHERE PRESENT) OR CENTER OF STRIPE TO CENTER OF STRIPE UNLESS OTHERWISE NOTED. THE REFERENCE LINE OF THE SPECIFIC STRIPING DETAILS ARE SHOWN BELOW (NOT TO SCALE):



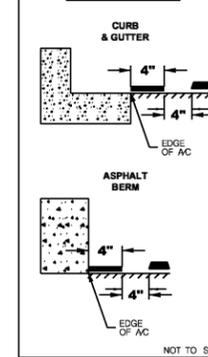
### DISCIPLINE CODE

- G GENERAL
- T TRAFFIC CONTROL

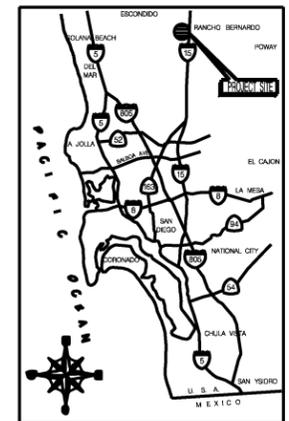
### STREET CLASSIFICATION

STREET NAME: W. BERNARDO DRIVE  
 STREET CLASSIFICATION: 4-LANE MAJOR

### TYPICAL DETAIL 25 PLACEMENT



\*DETAIL 25 TO END AT BEGINNING OF LEFT TURNING LANE



G-1

### CONSTRUCTION NOTES (THIS SHEET)

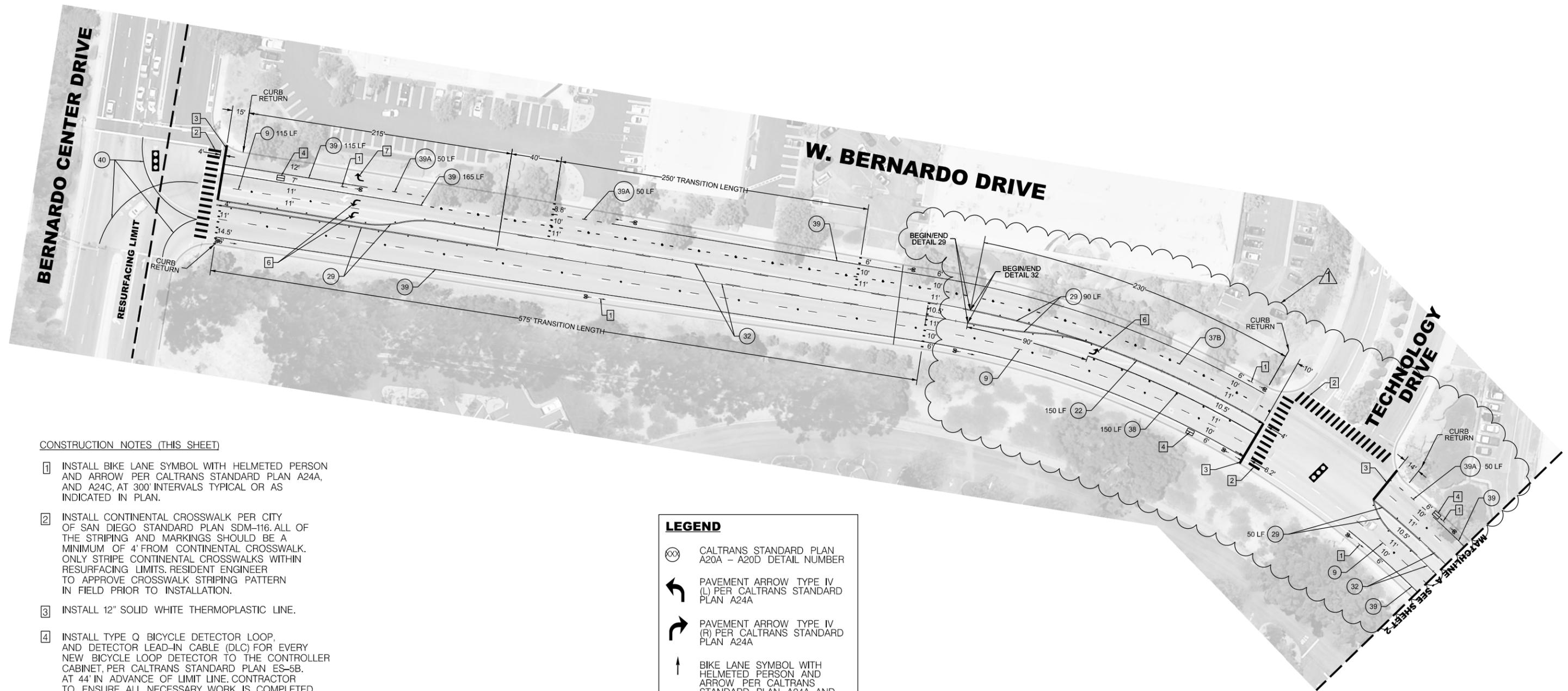
- INSTALL BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A, AND A24C, AT 300' INTERVALS TYPICAL OR AS INDICATED IN PLAN.
- INSTALL 6" WHITE DIAGONAL CROSS HATCHING THERMOPLASTIC 125 MIL. STRIPE, ANGLED AT 30 DEGREES AND AT 40' INTERVALS. SEE BUFFER DETAIL.
- INSTALL CONTINENTAL CROSSWALK PER CITY OF SAN DIEGO STANDARD PLAN SDM-116. ALL OF THE STRIPING AND MARKINGS SHOULD BE A MINIMUM OF 4' FROM CONTINENTAL CROSSWALK. ONLY STRIPE CONTINENTAL CROSSWALKS WITHIN RESURFACING LIMITS. RESIDENT ENGINEER TO APPROVE CROSSWALK STRIPING PATTERN IN FIELD PRIOR TO INSTALLATION.
- INSTALL 12" SOLID WHITE THERMOPLASTIC LINE.
- INSTALL TYPE Q BICYCLE DETECTOR LOOP, AND DETECTOR LEAD-IN CABLE (DLC) FOR EVERY NEW BICYCLE LOOP DETECTOR TO THE CONTROLLER CABINET, PER CALTRANS STANDARD PLAN ES-5B. AT 44' IN ADVANCE OF LIMIT LINE. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
- INSTALL 2 COATS OF ENNIS FLINT #985206 GREEN PAINT AND RETROREFLECTIVE BEADS FOR EACH COAT. GREEN PAINT SHOULD NOT BE PLACED IN GUTTER PANS WHERE PRESENT.
- INSTALL PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A, CENTERED IN TRAVEL LANE.
- INSTALL PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A, CENTERED IN TRAVEL LANE.

|   |     |  |          |
|---|-----|--|----------|
| STRIPING AND SIGNAGE PLAN FOR:                    |     | WATER WBS: N/A   |          |
| W. BERNARDO DRIVE                                 |     | SEWER WBS: N/A   |          |
| BETWEEN BERNARDO CENTER DR AND RANCHO BERNARDO RD |     | SUBMITTED BY: DONALD PORNAN, PROJECT MANAGER           |          |
| CITY OF SAN DIEGO, CALIFORNIA                     |     | CHECKED BY: VICTOR HERNANDEZ SANCHEZ, PROJECT ENGINEER |          |
| TRANSPORTATION AND STORM WATER DEPT.              |     | DATE: 7/30/19  |          |
| SHEET 1 OF 6 SHEETS                               |     | FOR CITY ENGINEER: [Signature]                         |          |
| DESCRIPTION                                       | BY  | APPROVE D  | DATE     |
| ORIGINAL  | WHS |  | 04/15/19 |
| REVISION  | WHS |  | 07/30/19 |
| CONTRACTOR: _____                                 |     | DATE STARTED: _____                                    |          |
| INSPECTOR: _____                                  |     | DATE COMPLETED: _____                                  |          |
| N/A   |     | N/A  |          |
| N/A   |     | N/A  |          |



Transportation & Storm Water





**CONSTRUCTION NOTES (THIS SHEET)**

- 1 INSTALL BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A, AND A24C, AT 300' INTERVALS TYPICAL OR AS INDICATED IN PLAN.
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- 3 INSTALL 12" SOLID WHITE THERMOPLASTIC LINE.
- 4 INSTALL TYPE Q BICYCLE DETECTOR LOOP, AND DETECTOR LEAD-IN CABLE (DLC) FOR EVERY NEW BICYCLE LOOP DETECTOR TO THE CONTROLLER CABINET, PER CALTRANS STANDARD PLAN ES-5B, AT 44' IN ADVANCE OF LIMIT LINE. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
- 6 INSTALL PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A, CENTERED IN TRAVEL LANE.
- 7 INSTALL PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A, CENTERED IN TRAVEL LANE.

**LEGEND**

- ⊗ CALTRANS STANDARD PLAN A20A - A20D DETAIL NUMBER
- ↶ PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A
- ↷ PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A
- ↑ BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A AND A24C.
- 🚲 BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A AND A24C.
- ▬ PROPOSED STRIPING/PAVEMENT MARKINGS



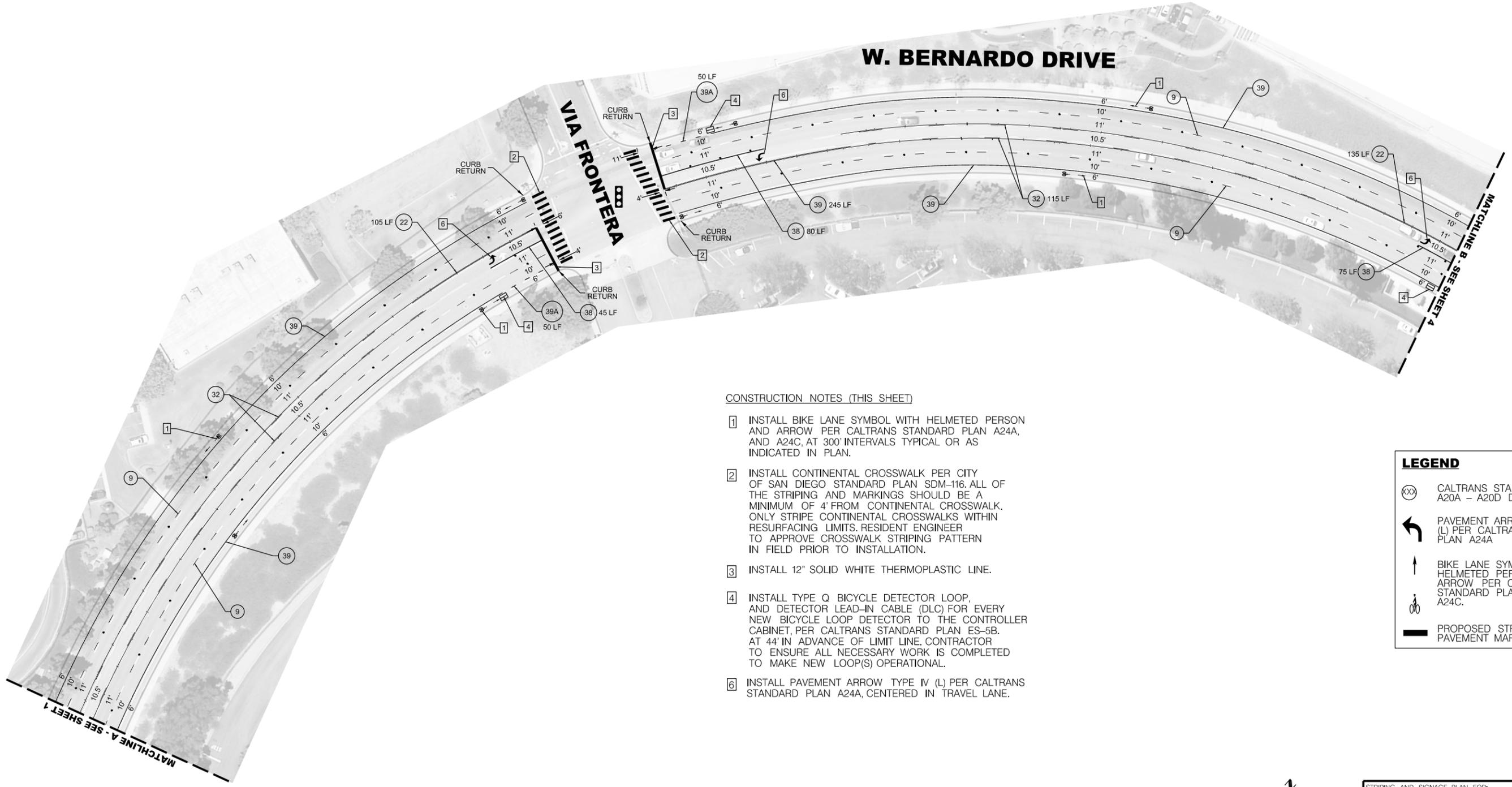
T-1

|  |                |  |          |
|--|----------------|--|----------|
| STRIPING AND SIGNAGE PLAN FOR:   |                |  |          |
| <b>W. BERNARDO DRIVE</b>   |                |  |          |
| BETWEEN BERNARDO CENTER DR<br>AND RANCHO BERNARDO RD   |                |  |          |
| CITY OF SAN DIEGO, CALIFORNIA<br>TRANSPORTATION AND STORM WATER DEPT.<br>SHEET 2 OF 6 SHEETS |                | WATER<br>WBS                                   | N/A      |
|  |                | SEWER<br>WBS                                   | N/A      |
| APPROVED BY: <i>[Signature]</i><br>FOR CITY ENGINEER   | DATE: 7/13/19  | SUBMITTED BY: DONALD DORNAN<br>PROJECT MANAGER |          |
| DESCRIPTION  | BY             | APPROVED                                       | DATE     |
| ORIGINAL   | WHS            |  | 04/15/19 |
| REVISION   | WHS            |  | 07/30/19 |
|  |                |  |          |
|  |                |  |          |
|  |                |  |          |
| CONTRACTOR   | DATE STARTED   |  |          |
| INSPECTOR  | DATE COMPLETED |  |          |
|  |                | CCS27 COORDINATE                               | N/A      |
|  |                | CCS83 COORDINATE                               | N/A      |



**Transportation & Storm Water**



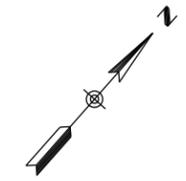


**CONSTRUCTION NOTES (THIS SHEET)**

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- 2 INSTALL CONTINENTAL CROSSWALK PER CITY OF SAN DIEGO STANDARD PLAN SDM-116. ALL OF THE STRIPING AND MARKINGS SHOULD BE A MINIMUM OF 4' FROM CONTINENTAL CROSSWALK. ONLY STRIPE CONTINENTAL CROSSWALKS WITHIN RESURFACING LIMITS. RESIDENT ENGINEER TO APPROVE CROSSWALK STRIPING PATTERN IN FIELD PRIOR TO INSTALLATION.
- 3 INSTALL 12" SOLID WHITE THERMOPLASTIC LINE.
- 4 INSTALL TYPE Q BICYCLE DETECTOR LOOP, AND DETECTOR LEAD-IN CABLE (DLC) FOR EVERY NEW BICYCLE LOOP DETECTOR TO THE CONTROLLER CABINET, PER CALTRANS STANDARD PLAN ES-5B. AT 44' IN ADVANCE OF LIMIT LINE. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
- 6 INSTALL PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A, CENTERED IN TRAVEL LANE.

**LEGEND**

- CALTRANS STANDARD PLAN A20A - A20D DETAIL NUMBER
- PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A
- BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A AND A24C.
- PROPOSED STRIPING/PAVEMENT MARKINGS



T-2

STRIPING AND SIGNAGE PLAN FOR:

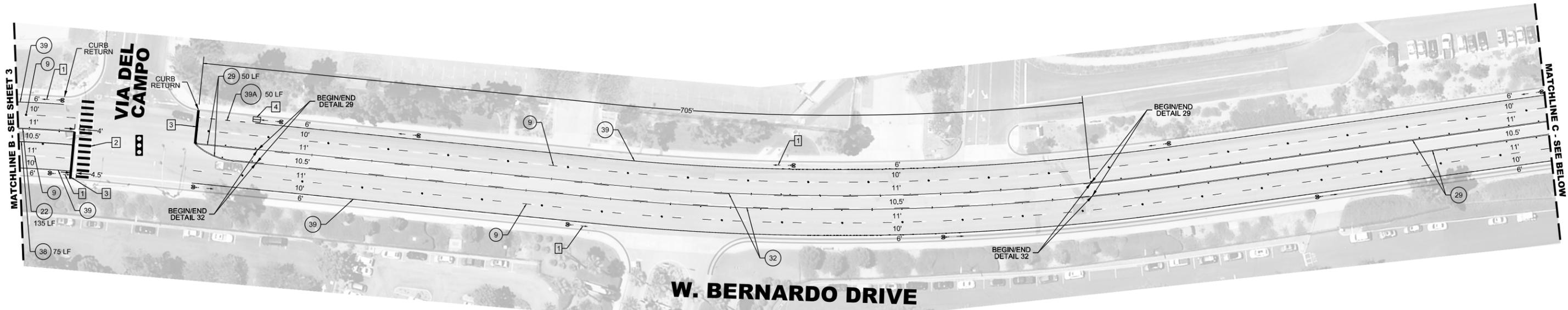
**W. BERNARDO DRIVE**  
BETWEEN BERNARDO CENTER DR  
AND RANCHO BERNARDO RD

|  |                |  |
|--|----------------|--|
| CITY OF SAN DIEGO, CALIFORNIA<br>TRANSPORTATION AND STORM WATER DEPT.<br>SHEET 3 OF 6 SHEETS |                | WATER WBS: N/A   |
|  |                | SEWER WBS: N/A   |
| APPROVED:  | DATE: 7/26/19  | SUBMITTED BY: DONALD DORMAN<br>PROJECT MANAGER           |
| FOR: CITY ENGINEER   |                | CHECKED BY: VICTOR HERNANDEZ SANCHEZ<br>PROJECT ENGINEER |
| DESCRIPTION  | BY             | APPROVED   |
| ORIGINAL   | VHS            | 04/15/19   |
| REVISION   | VHS            | 07/30/19   |
|  |                |  |
|  |                |  |
|  |                |  |
| CONTRACTOR   | DATE STARTED   |  |
| INSPECTOR  | DATE COMPLETED |  |



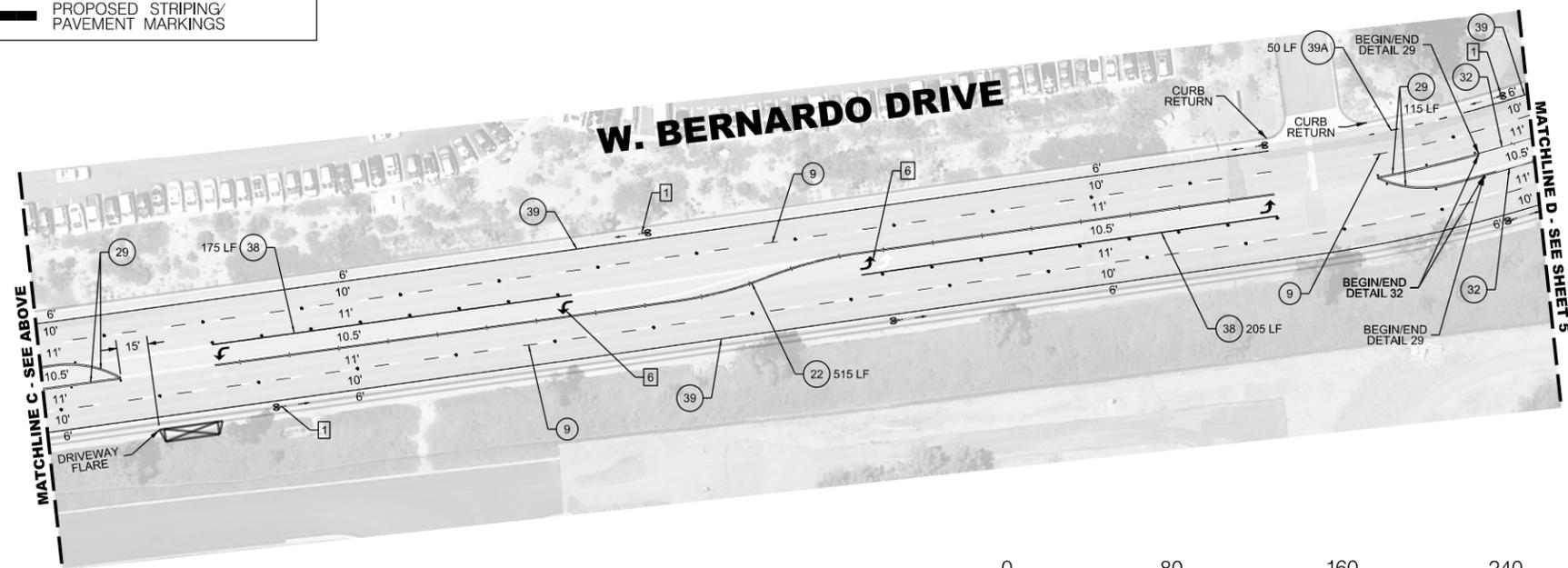
**Transportation & Storm Water**





- LEGEND**
- CALTRANS STANDARD PLAN A20A - A20D DETAIL NUMBER
  - PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A
  - BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A AND A24C.
  - PROPOSED STRIPING/PAVEMENT MARKINGS

- CONSTRUCTION NOTES (THIS SHEET)**
- 1 INSTALL BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A, AND A24C, AT 300' INTERVALS TYPICAL OR AS INDICATED IN PLAN.
  - 2 INSTALL CONTINENTAL CROSSWALK PER CITY OF SAN DIEGO STANDARD PLAN SDM-116. ALL OF THE STRIPING AND MARKINGS SHOULD BE A MINIMUM OF 4' FROM CONTINENTAL CROSSWALK. ONLY STRIPE CONTINENTAL CROSSWALKS WITHIN RESURFACING LIMITS. RESIDENT ENGINEER TO APPROVE CROSSWALK STRIPING PATTERN IN FIELD PRIOR TO INSTALLATION.
  - 3 INSTALL 12" SOLID WHITE THERMOPLASTIC LINE.
  - 4 INSTALL TYPE Q BICYCLE DETECTOR LOOP, AND DETECTOR LEAD-IN CABLE (DLC) FOR EVERY NEW BICYCLE LOOP DETECTOR TO THE CONTROLLER CABINET, PER CALTRANS STANDARD PLAN ES-5B. AT 44' IN ADVANCE OF LIMIT LINE, CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
  - 6 INSTALL PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A, CENTERED IN TRAVEL LANE.



T-3

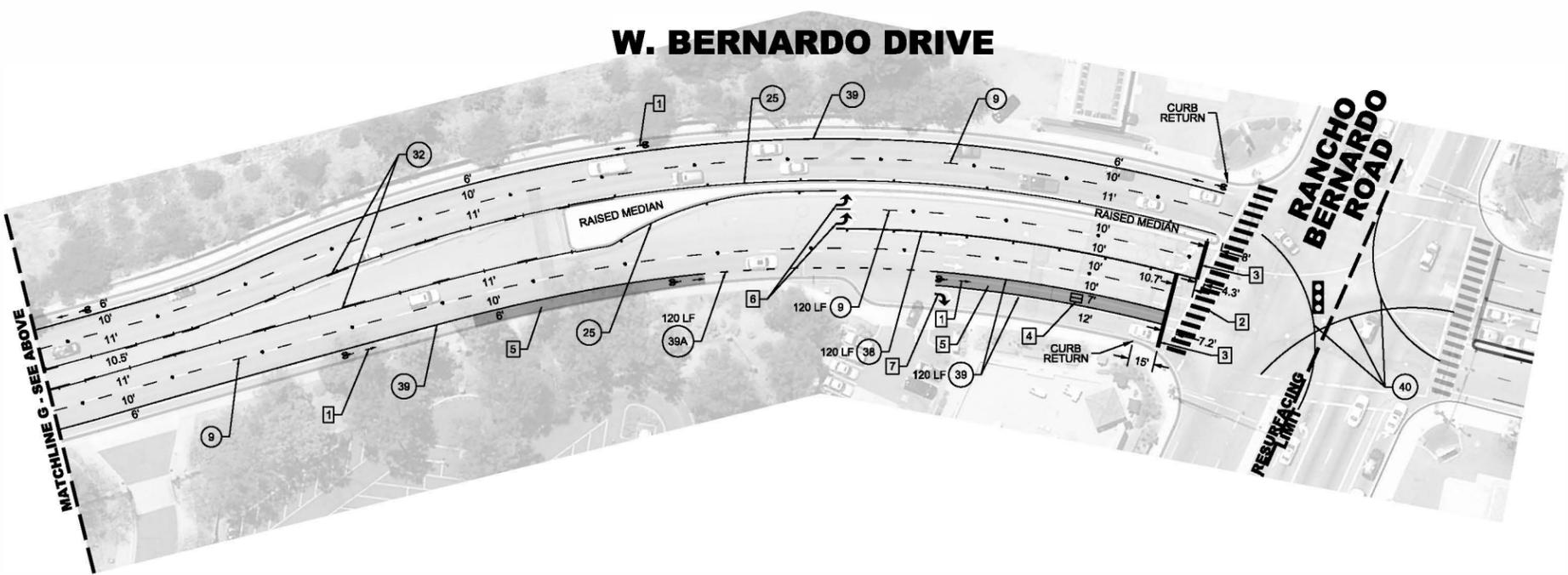
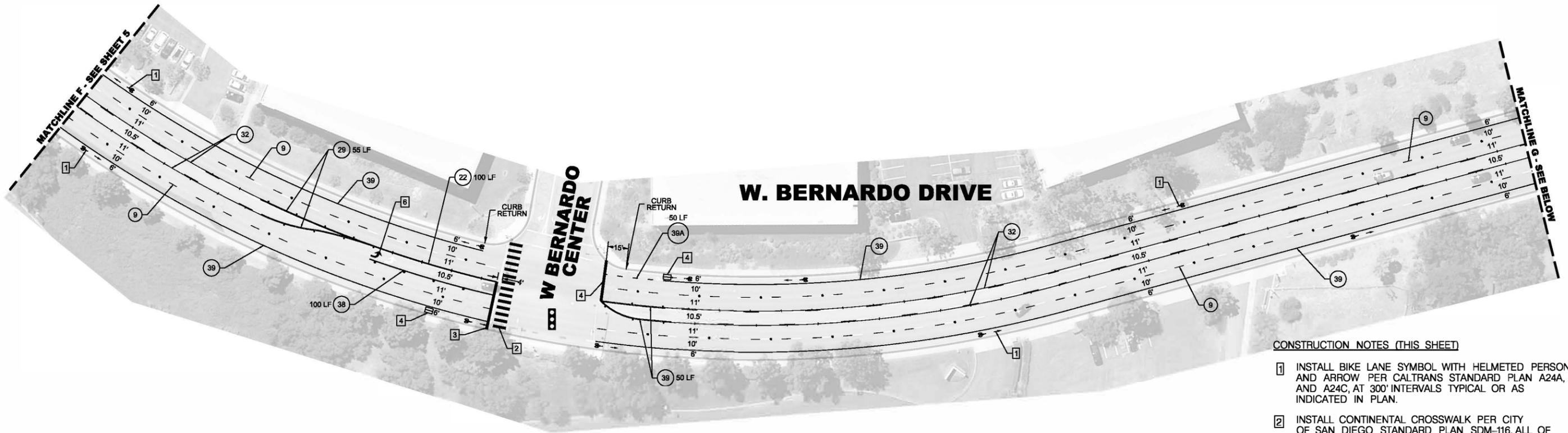


# Transportation & Storm Water



|  |                  |   |          |
|--|------------------|---|----------|
| STRIPING AND SIGNAGE PLAN FOR:   |                  |   |          |
| <b>W. BERNARDO DRIVE</b>   |                  |   |          |
| BETWEEN BERNARDO CENTER DR<br>AND RANCHO BERNARDO RD   |                  |   |          |
| CITY OF SAN DIEGO, CALIFORNIA<br>TRANSPORTATION AND STORM WATER DEPT.<br>SHEET 4 OF 6 SHEETS |                  | WATER<br>WBS                                      | N/A      |
|  |                  | SEWER<br>WBS                                      | N/A      |
| APPROVED BY:<br><i>[Signature]</i><br>FOR CITY ENGINEER                                      | DATE:<br>7/30/19 | SUBMITTED BY:<br>DONALD DORNAN<br>PROJECT MANAGER |          |
| DESCRIPTION  | BY               | APPROVED  | DATE     |
| ORIGINAL   | VHS              |   | 04/15/19 |
| REVISION   | Δ                |   | 07/30/19 |
|  |                  |   |          |
|  |                  |   |          |
| CONTRACTOR   | DATE STARTED     |   |          |
| INSPECTOR  | DATE COMPLETED   |   |          |
|  |                  | CCS27 COORDINATE                                  | N/A      |
|  |                  | CCS83 COORDINATE                                  | N/A      |



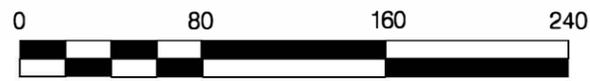


**CONSTRUCTION NOTES (THIS SHEET)**

- 1 INSTALL BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A, AND A24C, AT 300' INTERVALS TYPICAL OR AS INDICATED IN PLAN.
- 2 INSTALL CONTINENTAL CROSSWALK PER CITY OF SAN DIEGO STANDARD PLAN SDM-116. ALL OF THE STRIPING AND MARKINGS SHOULD BE A MINIMUM OF 4' FROM CONTINENTAL CROSSWALK. ONLY STRIPE CONTINENTAL CROSSWALKS WITHIN RESURFACING LIMITS. RESIDENT ENGINEER TO APPROVE CROSSWALK STRIPING PATTERN IN FIELD PRIOR TO INSTALLATION.
- 3 INSTALL 12" SOLID WHITE THERMOPLASTIC LINE.
- 4 INSTALL TYPE Q BICYCLE DETECTOR LOOP, AND DETECTOR LEAD-IN CABLE (DLC) FOR EVERY NEW BICYCLE LOOP DETECTOR TO THE CONTROLLER CABINET, PER CALTRANS STANDARD PLAN ES-5B. AT 44' IN ADVANCE OF LIMIT LINE, CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
- 5 INSTALL 2 COATS OF ENNIS FLINT #985206 GREEN PAINT AND RETROREFLECTIVE BEADS FOR EACH COAT, GREEN PAINT SHOULD NOT BE PLACED IN GUTTER PANS WHERE PRESENT.
- 6 INSTALL PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A, CENTERED IN TRAVEL LANE.
- 7 INSTALL PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A, CENTERED IN TRAVEL LANE.

**LEGEND**

- CALTRANS STANDARD PLAN A20A - A20D DETAIL NUMBER
- PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A
- PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A
- BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A AND A24C.
- PROPOSED STRIPING/PAVEMENT MARKINGS



T-5

|  |     |  |          |       |
|--|-----|--|----------|-------|
| STRIPING AND SIGNAGE PLAN FOR:   |     | WATER WBS  |          | N/A   |
| <b>W. BERNARDO DRIVE</b>   |     | SEWER WBS  |          | N/A   |
| BETWEEN BERNARDO CENTER DR AND RANCHO BERNARDO RD  |     | WBS  |          | N/A   |
| CITY OF SAN DIEGO, CALIFORNIA<br>TRANSPORTATION AND STORM WATER DEPT.<br>SHEET 6 OF 6 SHEETS |     | APPROVED BY: <i>[Signature]</i><br>DATE: 7/30/19         |          |       |
| FOR CITY ENGINEER  |     | SUBMITTED BY: JONAS D. HERNANDEZ<br>PROJECT MANAGER      |          |       |
| DESCRIPTION  | BY  | APPROVED   | DATE     | FILED |
| ORIGINAL   | VHS |  | 04/15/19 |       |
| REVISION   | Δ   |  | 07/30/19 |       |
| CONTRACTOR   |     | DATE STARTED   |          |       |
| INSPECTOR  |     | DATE COMPLETED   |          |       |
|  |     | CHECKED BY: VICTOR HERNANDEZ SANCHEZ<br>PROJECT ENGINEER |          |       |
|  |     | N/A  |          |       |
|  |     | CCS27 COORDINATE   |          |       |
|  |     | N/A  |          |       |
|  |     | CCS83 COORDINATE   |          |       |



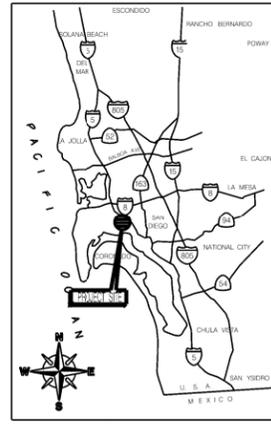
Transportation & Storm Water



# BARNETT AVENUE STRIPING IMPROVEMENT

## LEGEND

- XXX CALTRANS STANDARD PLAN A20A - A20D DETAIL NUMBER
- PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A
- PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A
- PAVEMENT ARROW TYPE VI (R) PER CALTRANS STANDARD PLAN A24A
- BIKE LANE SYMBOL WITH PERSON AND ARROW PER CALTRANS STANDARD PLAN A24C.
- PROPOSED STRIPING/PAVEMENT MARKINGS
- EXISTING STRIPING/PAVEMENT MARKINGS



VICINITY MAP  
NOT TO SCALE

## SHEET INDEX

| SHEET NO. | DISCIPLINE CODE | TITLE         | LIMITS                             |
|-----------|-----------------|---------------|------------------------------------|
| 1         | T-1             | COVER SHEET   |                                    |
| 2         | T-2             | TRAFFIC PLANS | LYTTON STREET AND MENDONCA DRIVE   |
| 3         | T-3             | TRAFFIC PLANS | PELELIU WAY AND TUSCALOOSA STREET  |
| 4         | T-4             | TRAFFIC PLANS | TUSCALOOSA STREET AND MIDWAY DRIVE |
| 5         | T-5             | TRAFFIC PLANS | MIDWAY DRIVE AND PACIFIC HIGHWAY   |

## DISCIPLINE CODE

T TRAFFIC CONTROL

## STREET CLASSIFICATION

STREET NAME: BARNETT AVENUE  
STREET CLASSIFICATION: PRIME ARTERIAL

## WORK TO BE DONE

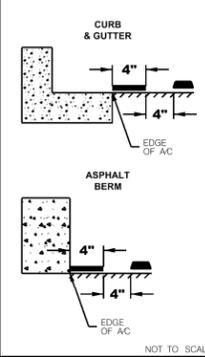
THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS AND THE STANDARD SPECIFICATIONS AND THE STANDARD DRAWINGS OF THE CITY OF SAN DIEGO.

## STRIPING AND SIGNING GENERAL NOTES

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND RIGHT OF WAY PRIOR TO CONSTRUCTION.
- ALL WORK SHALL CONFORM TO THE MOST RECENT ADOPTED EDITION OF THE FOLLOWING MANUALS:
 

| DOCUMENT NO.  | EDITION     | DESCRIPTION   |
|---------------|-------------|---|
| PWPI070116-01 | 2018        | STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "GREENBOOK")                   |
| PWPI070116-02 | 2018        | CITY OF SAN DIEGO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "WHITEBOOK") |
| PWPI092816-05 | 2018        | CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS                |
| PWPI092816-06 | 2018        | CALTRANS STANDARDS PLANS  |
| PWPI092816-07 | 2014 REV. 3 | CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD)                           |
- ALL SIGNING AND STRIPING IS SUBJECT TO THE APPROVAL OF THE CITY ENGINEER PRIOR TO INSTALLATION AND/OR REMOVAL.
- THE CONTRACTOR SHALL REMOVE ALL CONFLICTING STRIPING, PAVEMENT MARKINGS AND LEGENDS BY HYDROBLASTING. ANY DEBRIS SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
- SIGN POSTS SHALL BE INSTALLED WITH SQUARE PERFORATED STEEL TUBING WITH A BREAKAWAY BASE PER CITY OF SAN DIEGO STANDARD DRAWING M-45.
- ALL MEDIAN NOSES SHALL BE PAINTED AS DIRECTED.
- ALL SIGNS SHOWN ON THE STRIPING PLANS SHALL BE NEW SIGNS PROVIDED BY THE CONTRACTOR OR CITY OF SAN DIEGO STREET DIVISION, AS INDICATED ON THE PLANS, EXCEPT FOR THE EXISTING SIGNS, SPECIFICALLY INDICATED TO BE RELOCATED OR TO REMAIN.
- CONTINENTAL CROSSWALK MARKINGS SHALL HAVE INSIDE DIMENSIONS OF 10 FEET UNLESS INDICATED OTHERWISE.
- PEDESTRIAN CROSSWALKS, LIMIT LINES, PAVEMENT ARROWS, PAVEMENT LEGENDS, DIAGONAL MARKINGS, AND CHEVRON MARKINGS SHALL BE INSTALLED UTILIZING 125 MIL THICKNESS THERMOPLASTIC MARKING MATERIAL.
- THE CONTRACTOR SHALL NOTIFY THE CITY TRAFFIC ENGINEER AT (858) 495-4742 A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO AND UPON COMPLETION OF STRIPING AND SIGNING.
- ORTHOGRAPHIC PHOTOS SHOWN IN THE BACKGROUND ARE FOR REFERENCE ONLY AND MAY NOT REFLECT EXISTING CONDITIONS.
- STATIONING PROVIDED FOR STRIPING LAYOUT ONLY AND IS NOT SURVEY BASED STATIONING.
- A MINIMUM OF 2 INCH BLACK PAINT BORDER SHALL BE APPLIED TO ALL TRAFFIC STRIPING, MARKINGS, AND LEGENDS ON CONCRETE PAVEMENT.

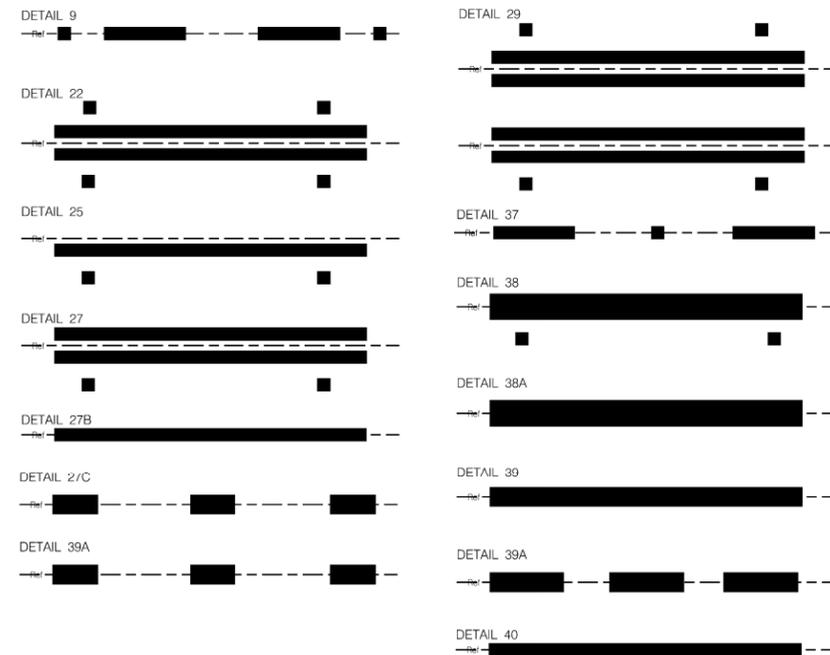
## TYPICAL DETAIL 25 PLACEMENT



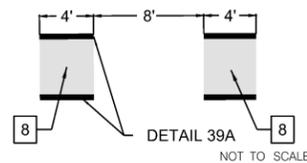
\*DETAIL 25 TO END AT BEGINNING OF LEFT TURNING LANE  
NOT TO SCALE

## STRIPING DETAILS

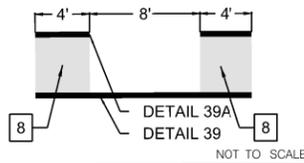
LANE WIDTH DIMENSIONS ARE DEFINED AS CENTER OF STRIPE TO FACE OF CURB/MEDIAN (WHERE PRESENT) OR CENTER OF STRIPE TO CENTER OF STRIPE UNLESS OTHERWISE NOTED. THE REFERENCE LINE OF THE SPECIFIC STRIPING DETAILS ARE SHOWN BELOW (NOT TO SCALE):



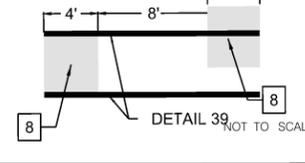
## DETAIL "B" GREEN DASHED PATTERN LAYOUT



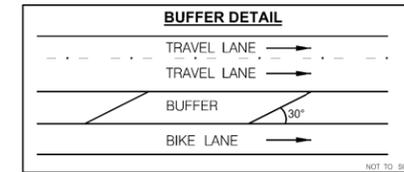
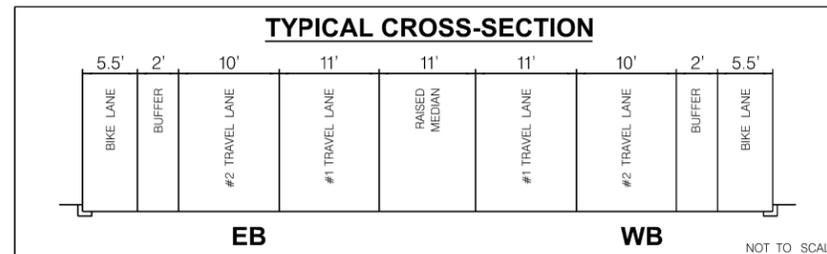
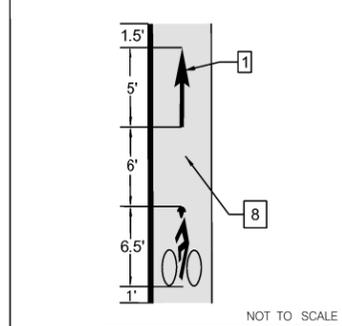
## DETAIL "C" GREEN DASHED PATTERN LAYOUT



## DETAIL "D" GREEN PATTERN LAYOUT

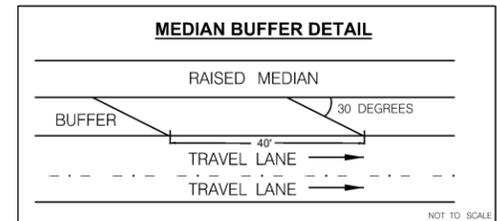


## DETAIL "A" GREEN CONFLICT BIKE LANE SYMBOL LAYOUT



## CONSTRUCTION NOTES (THIS SHEET)

- INSTALL BIKE LANE ARROW AND BIKE SYMBOL WITH PERSON, PER CALTRANS STANDARD PLAN A24A, AT 300' INTERVALS OR AS SHOWN PER PLAN. BIKE LANE ARROW OR BIKE LANE SYMBOL WITH PERSON SHOULD NOT BE PLACED IN GUTTER PAN, WHERE PRESENT.
- INSTALL 6" WHITE DIAGONAL MARKINGS ANGLED AT 30 DEGREES AND AT 40' INTERVALS. SEE BUFFER DETAIL.
- INSTALL CONTINENTAL CROSSWALK MARKINGS PER CITY OF SAN DIEGO STANDARD PLAN SDM-116. ALL TRAFFIC LINES AND MARKINGS SHOULD BE A MINIMUM OF 4' FROM CONTINENTAL CROSSWALK MARKINGS. RESIDENT ENGINEER TO APPROVE CROSSWALK MARKING LAYOUT IN FIELD PRIOR TO INSTALLATION. ONLY STRIPE CONTINENTAL CROSSWALKS WITHIN RESURFACING LIMITS.
- INSTALL PAVEMENT MARKING LIMIT LINE (STOP LINE) PER CALTRANS STANDARD PLAN A24E.
- INSTALL TYPE Q BICYCLE DETECTOR LOOP, AND DETECTOR LEAD-IN CABLE (DLC) FOR EVERY NEW BICYCLE LOOP DETECTOR TO THE CONTROLLER CABINET, PER CALTRANS STANDARD PLAN ES-5B, AT 44' IN ADVANCE OF LIMIT LINE. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
- INSTALL 6" WHITE DIAGONAL MARKINGS ANGLED AT 30 DEGREES AND AT 20' INTERVALS. SEE BUFFER DETAIL.
- INSTALL GREEN PAINT (ENNIS FLINT PRODUCT CODE 183, PRODUCT COLOR 34108 OR APPROVED EQUAL), 2 COATS, AND RETROREFLECTIVE BEADS FOR EACH COAT. GREEN PAINT SHOULD NOT BE PLACED IN GUTTER PAN WHERE PRESENT. SEE 'DETAIL A' GREEN BIKE LANE SYMBOL LAYOUT OR 'DETAIL B' GREEN DASHED PATTERN LAYOUT WITH DETAIL 39A ON BOTH SIDES, OR 'DETAIL C' GREEN PATTERN LAYOUT WITH DETAIL 39A ON BOTH SIDES, OR 'DETAIL D' GREEN DASHED PATTERN LAYOUT WITH DETAIL 39A ON ONE SIDE, OR 'DETAIL E' GREEN DASHED PATTERN LAYOUT WITH DETAIL 39A ON ONE SIDE.
- INSTALL 8" YELLOW DIAGONAL MARKINGS ANGLED AT 30 DEGREES AND AT 40' INTERVALS. SEE MEDIAN BUFFER DETAIL.
- INSTALL 8" WHITE CHEVRON MARKINGS AT 35' INTERVALS.
- INSTALL PAVEMENT MARKING ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24D IN CENTER OF TRAVEL LANE.
- INSTALL PAVEMENT MARKING ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24D IN CENTER OF TRAVEL LANE.
- INSTALL PAVEMENT MARKING ARROW TYPE VI (R) PER CALTRANS STANDARD PLAN A24D IN CENTER OF TRAVEL LANE.



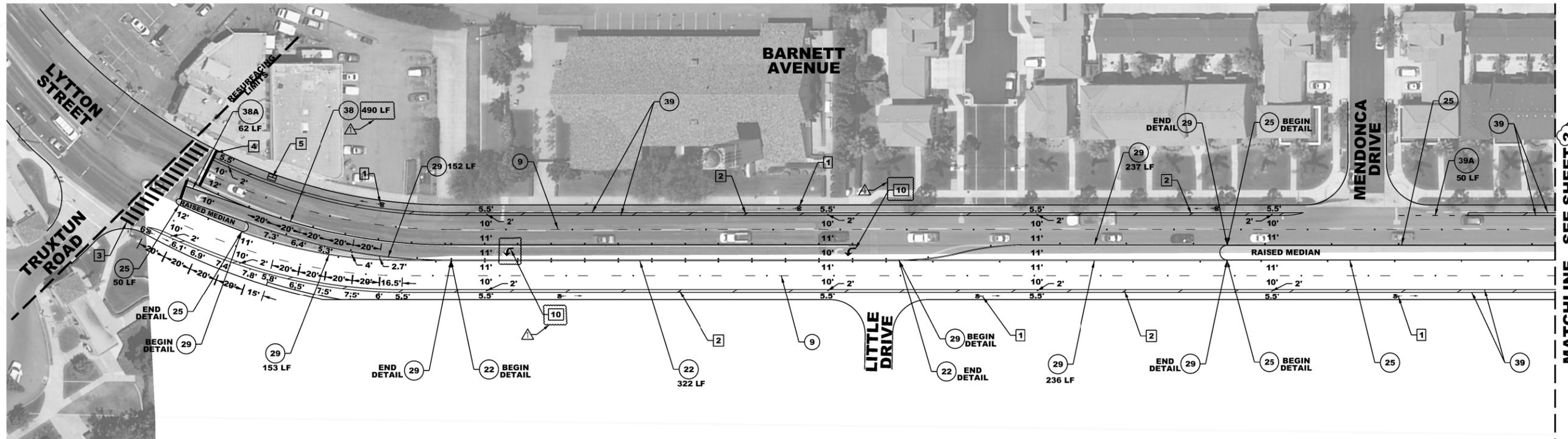
T-1



## Transportation & Storm Water



| STRIPING AND SIGNAGE PLAN FOR:                              |  |  |  |  | CITY OF SAN DIEGO, CALIFORNIA          |                     | WATER WBS              |
|---|--|--|--|--|--|---------------------|------------------------|
| BARNETT AVENUE<br>BETWEEN LYTTON STREET AND PACIFIC HIGHWAY |  |  |  |  | TRANSPORTATION AND STORM WATER DEPT.   |                     | SEWER WBS              |
|   |  |  |  |  | SHEET 1 OF 5 SHEETS                    |                     | N/A                    |
| FOR CITY ENGINEER: <i>[Signature]</i> DATE: 8/6/19          |  |  |  |  | SUBMITTED BY: DONALD FORNAN            |                     | PROJECT MANAGER        |
| DESCRIPTION: ORIGINAL                                       |  |  |  |  | BY: RJP                                | APPROVED: 7/27/2018 | FILED: CELESTE ESTRADA |
| REVISION: A   |  |  |  |  | BY: CE                                 | APPROVED: 8/8/2018  | PROJECT ENGINEER       |
|   |  |  |  |  |  |                     | N/A                    |
|   |  |  |  |  |  |                     | CCS27 COORDINATE       |
|   |  |  |  |  |  |                     | N/A                    |
|   |  |  |  |  |  |                     | CCS83 COORDINATE       |
| CONTRACTOR: _____ DATE STARTED: _____                       |  |  |  |  | INSPECTOR: _____ DATE COMPLETED: _____ |                     |                        |



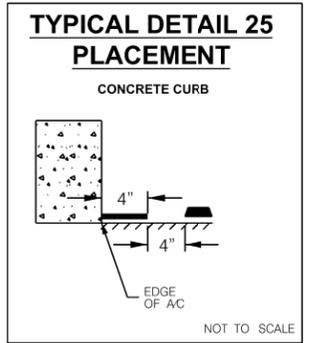
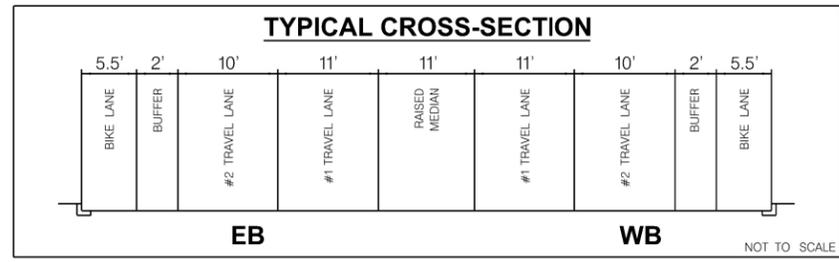
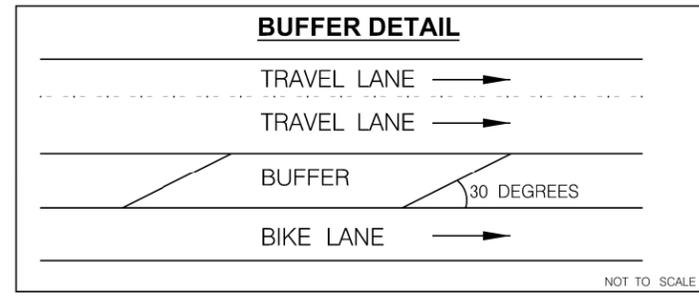
MATCHLINE - SEE SHEET 3

**LEGEND**

- xxx CALTRANS STANDARD PLAN A20A - A20D DETAIL NUMBER
- PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A
- BIKE LANE SYMBOL WITH PERSON AND ARROW PER CALTRANS STANDARD PLAN A24C.
- PROPOSED STRIPING/PAVEMENT MARKINGS

**CONSTRUCTION NOTES (THIS SHEET)**

- 1 INSTALL BIKE LANE ARROW AND BIKE SYMBOL WITH PERSON, PER CALTRANS STANDARD PLAN A24A, AT 300' INTERVALS OR AS SHOWN PER PLAN. BIKE LANE ARROW OR BIKE LANE SYMBOL WITH PERSON SHOULD NOT BE PLACED IN GUTTER PAN, WHERE PRESENT.
- 2 INSTALL 6" WHITE DIAGONAL MARKINGS ANGLED AT 30 DEGREES AND AT 40' INTERVALS. SEE BUFFER DETAIL.
- 3 INSTALL CONTINENTAL CROSSWALK MARKINGS PER CITY OF SAN DIEGO STANDARD PLAN SDM-116. ALL TRAFFIC LINES AND MARKINGS SHOULD BE A MINIMUM OF 4" FROM CONTINENTAL CROSSWALK MARKINGS. RESIDENT ENGINEER TO APPROVE CROSSWALK MARKING LAYOUT IN FIELD PRIOR TO INSTALLATION. ONLY STRIPE CONTINENTAL CROSSWALKS WITHIN RESURFACING LIMITS.
- 4 INSTALL PAVEMENT MARKING LIMIT LINE (STOP LINE) PER CALTRANS STANDARD PLAN A24E.
- 5 INSTALL TYPE Q BICYCLE DETECTOR LOOP, AND DETECTOR LEAD-IN CABLE (DLC) FOR EVERY NEW BICYCLE LOOP DETECTOR TO THE CONTROLLER CABINET, PER CALTRANS STANDARD PLAN ES-5B, AT 44' IN ADVANCE OF LIMIT LINE. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
- 10 INSTALL PAVEMENT MARKING ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24D IN CENTER OF TRAVEL LANE.

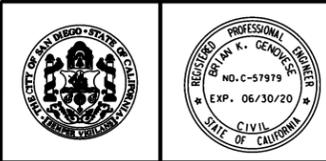


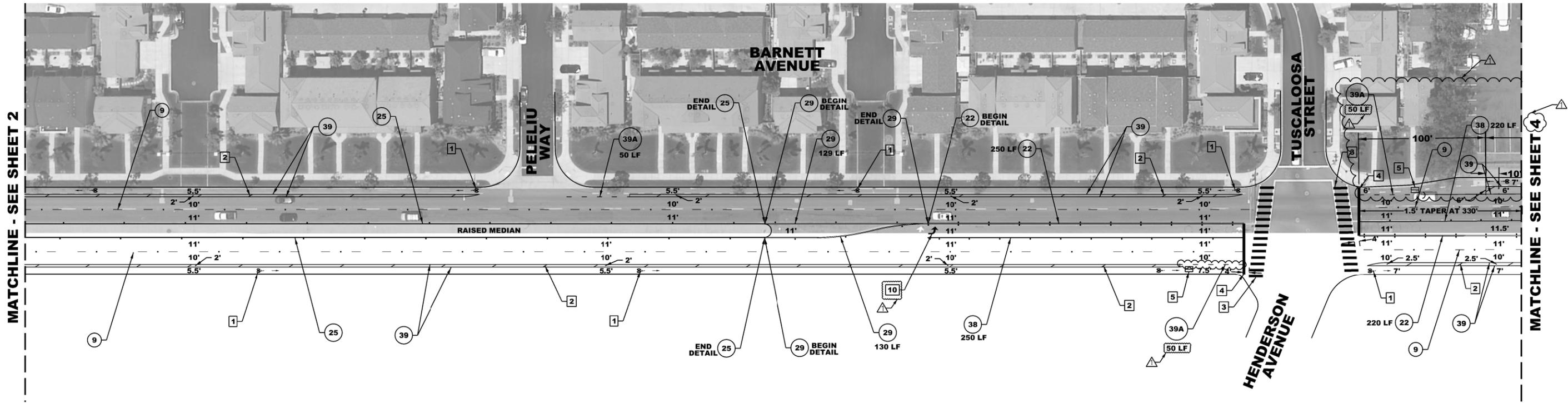
STRIPING AND SIGNAGE PLAN FOR:

## BARNETT AVENUE

BETWEEN LYTTON STREET AND MENDONCA DRIVE

|  |  |   |                       |
|--|--|---|-----------------------|
| CITY OF SAN DIEGO, CALIFORNIA<br>TRANSPORTATION AND STORM WATER DEPT.<br>(SHEET 2 OF 5 SHEETS) |  | WATER WBS: <b>N/A</b>   | SEWER WBS: <b>N/A</b> |
| APPROVED:<br>FOR CITY ENGINEER DATE: 8/8/19  |  | SUBMITTED BY: DONALD FORBAN, PROJECT MANAGER  |                       |
| DESCRIPTION: ORIGINAL<br>BY: RJP DATE: 7/27/2016<br>REVISION: CE DATE: 8/8/2019                |  | CHECKED BY: CELESTE ESTRADA, PROJECT ENGINEER<br>N/A<br>CCS27 COORDINATE<br>N/A<br>CCS83 COORDINATE |                       |
| CONTRACTOR: _____ DATE STARTED: _____  |  | INSPECTOR: _____ DATE COMPLETED: _____  |                       |



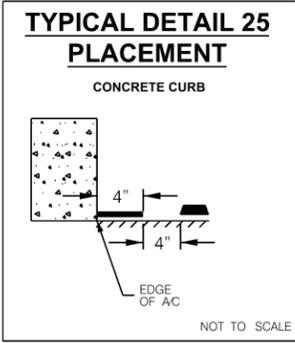
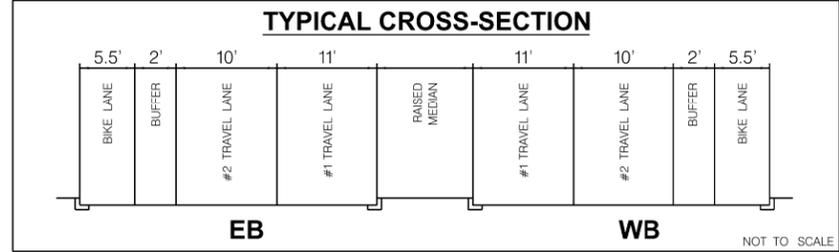
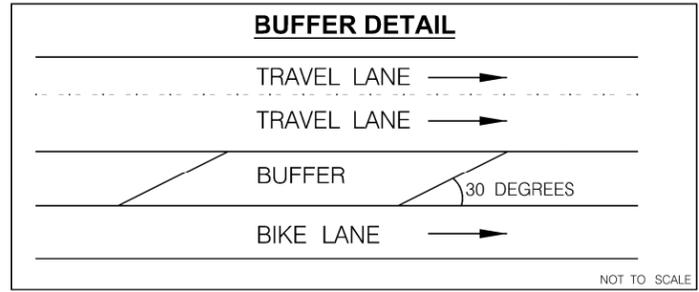


**LEGEND**

- xxx CALTRANS STANDARD PLAN A20A - A20D DETAIL NUMBER
- PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A
- BIKE LANE SYMBOL WITH PERSON AND ARROW PER CALTRANS STANDARD PLAN A24C.
- PROPOSED STRIPING/PAVEMENT MARKINGS

**CONSTRUCTION NOTES (THIS SHEET)**

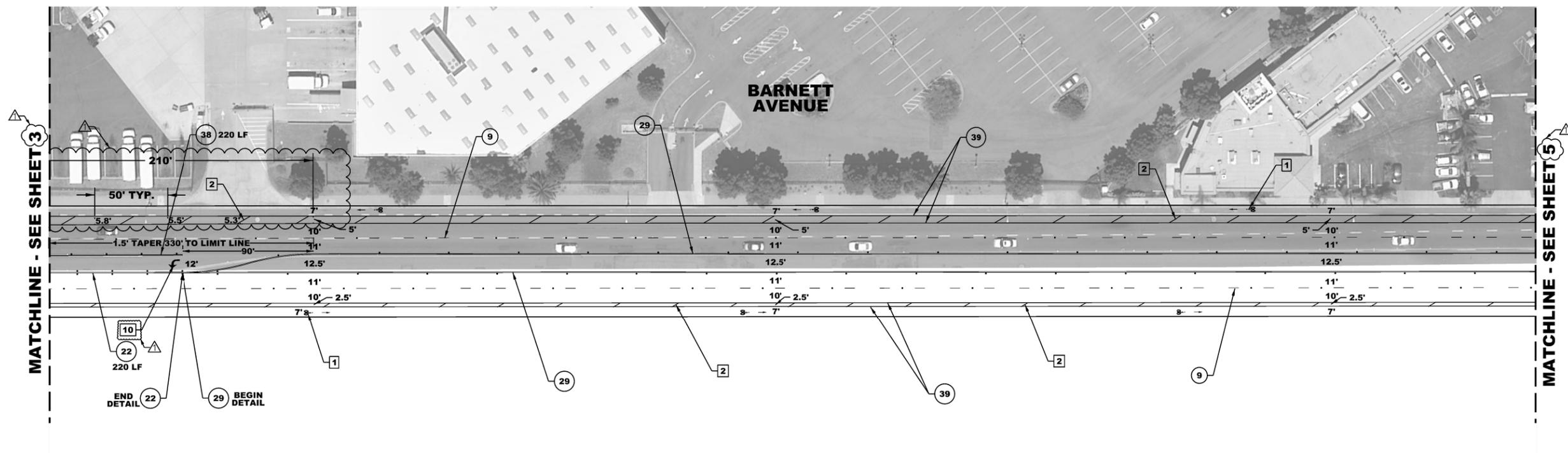
- 1 INSTALL BIKE LANE ARROW AND BIKE SYMBOL WITH PERSON, PER CALTRANS STANDARD PLAN A24A, AT 300' INTERVALS OR AS SHOWN PER PLAN. BIKE LANE ARROW OR BIKE LANE SYMBOL WITH PERSON SHOULD NOT BE PLACED IN GUTTER PAN, WHERE PRESENT.
- 2 INSTALL 6" WHITE DIAGONAL MARKINGS ANGLED AT 30 DEGREES AND AT 40' INTERVALS. SEE BUFFER DETAIL.
- 3 INSTALL CONTINENTAL CROSSWALK MARKINGS PER CITY OF SAN DIEGO STANDARD PLAN SDM-116. ALL TRAFFIC LINES AND MARKINGS SHOULD BE A MINIMUM OF 4' FROM CONTINENTAL CROSSWALK MARKINGS. RESIDENT ENGINEER TO APPROVE CROSSWALK MARKING LAYOUT IN FIELD PRIOR TO INSTALLATION. ONLY STRIPE CONTINENTAL CROSSWALKS WITHIN RESURFACING LIMITS.
- 4 INSTALL PAVEMENT MARKING LIMIT LINE (STOP LINE) PER CALTRANS STANDARD PLAN A24E.
- 5 INSTALL TYPE Q BICYCLE DETECTOR LOOP, AND DETECTOR LEAD-IN CABLE (DLC) FOR EVERY NEW BICYCLE LOOP DETECTOR TO THE CONTROLLER CABINET, PER CALTRANS STANDARD PLAN ES-5B, AT 44' IN ADVANCE OF LIMIT LINE. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
- 10 INSTALL PAVEMENT MARKING ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24D IN CENTER OF TRAVEL LANE.



T-3

|  |     |          |           |                  |                 |
|--|-----|----------|-----------|------------------|-----------------|
| STRIPING AND SIGNAGE PLAN FOR:   |     |          |           | WATER WBS        | N/A             |
| <b>BARNETT AVENUE</b><br>BETWEEN PELELIU WAY<br>AND TUSCALOOSA STREET                          |     |          |           | SEWER WBS        | N/A             |
|  |     |          |           | WBS              | N/A             |
| CITY OF SAN DIEGO, CALIFORNIA<br>TRANSPORTATION AND STORM WATER DEPT.<br>(SHEET 3 OF 5 SHEETS) |     |          |           | APPROVED BY:     | DATE: 8/2/19    |
| FOR CITY ENGINEER  |     |          |           | PROJECT MANAGER  | DONALD PORMAN   |
| DESCRIPTION  |     |          |           | PROJECT ENGINEER | CELESTE ESTRADA |
| ORIGINAL   | RJP | APPROVED | 7/27/2018 | COORDINATOR      | N/A             |
| REVISION   | CE  | APPROVED | 8/20/19   | COORDINATOR      | N/A             |
| CONTRACTOR   |     |          |           | COORDINATOR      | N/A             |
| INSPECTOR  |     |          |           | COORDINATOR      | N/A             |
| DATE STARTED   |     |          |           | DATE COMPLETED   |                 |



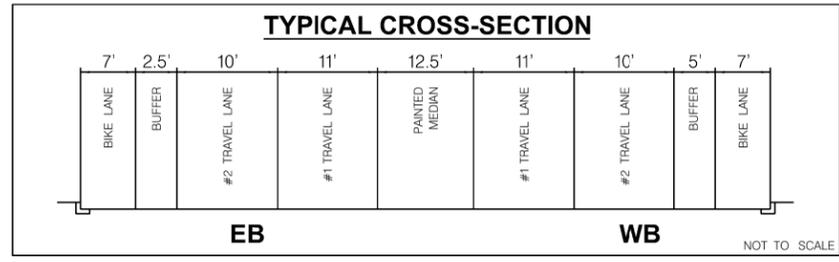
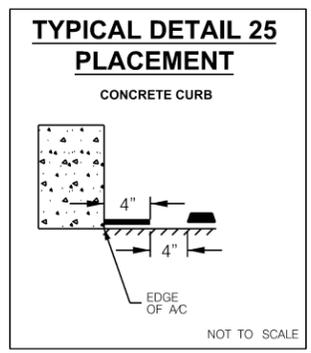
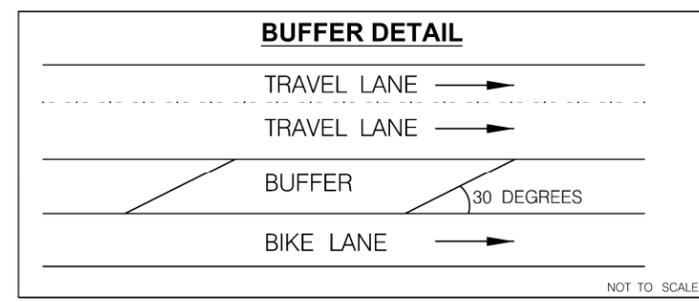


**LEGEND**

- xxx CALTRANS STANDARD PLAN A20A - A20D DETAIL NUMBER
- PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A
- BIKE LANE SYMBOL WITH PERSON AND ARROW PER CALTRANS STANDARD PLAN A24C.
- PROPOSED STRIPING/PAVEMENT MARKINGS

**CONSTRUCTION NOTES (THIS SHEET)**

- 1 INSTALL BIKE LANE ARROW AND BIKE SYMBOL WITH PERSON, PER CALTRANS STANDARD PLAN A24A, AT 300' INTERVALS OR AS SHOWN PER PLAN. BIKE LANE ARROW OR BIKE LANE SYMBOL WITH PERSON SHOULD NOT BE PLACED IN GUTTER PAN, WHERE PRESENT.
- 2 INSTALL 6" WHITE DIAGONAL MARKINGS ANGLED AT 30 DEGREES AND AT 40' INTERVALS. SEE BUFFER DETAIL.
- 3 INSTALL CONTINENTAL CROSSWALK MARKINGS PER CITY OF SAN DIEGO STANDARD PLAN SDM-116. ALL TRAFFIC LINES AND MARKINGS SHOULD BE A MINIMUM OF 4' FROM CONTINENTAL CROSSWALK MARKINGS. RESIDENT ENGINEER TO APPROVE CROSSWALK MARKING LAYOUT IN FIELD PRIOR TO INSTALLATION. ONLY STRIPE CONTINENTAL CROSSWALKS WITHIN RESURFACING LIMITS.
- 10 INSTALL PAVEMENT MARKING ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24D IN CENTER OF TRAVEL LANE.



STRIPING AND SIGNAGE PLAN FOR:

## BARNETT AVENUE

BETWEEN TUSCALOOSA STREET AND MIDWAY DRIVE

CITY OF SAN DIEGO, CALIFORNIA  
TRANSPORTATION AND STORM WATER DEPT.  
(SHEET 4 OF 5 SHEETS)

FOR CITY ENGINEER: *[Signature]* DATE: 8/5/19

| DESCRIPTION | BY  | APPROVED | DATE      | FILED |
|-------------|-----|----------|-----------|-------|
| ORIGINAL    | RJP |          | 7/27/2018 |       |
| REVISION    | CE  |          | 8/5/2019  |       |

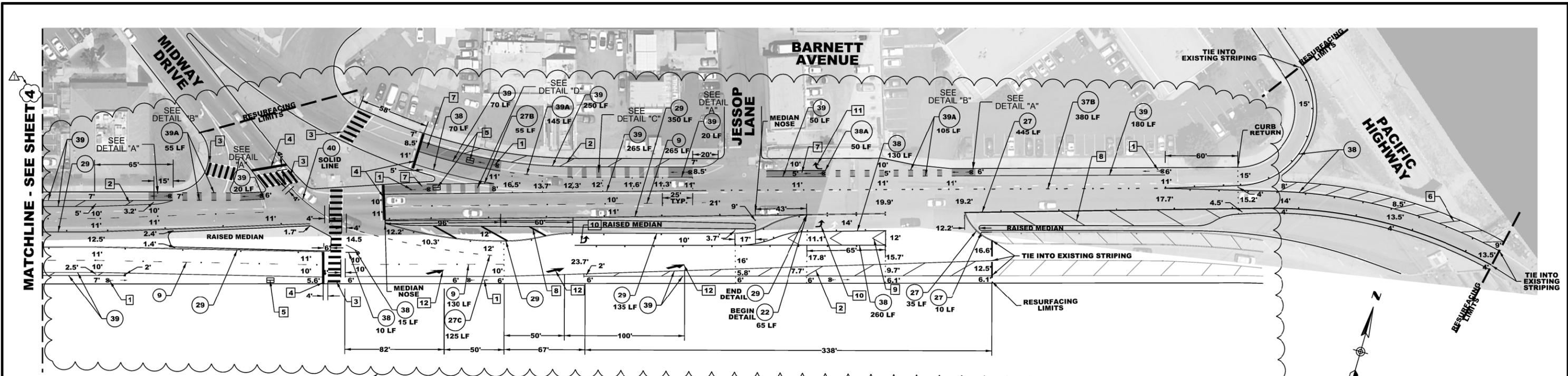
CONTRACTOR: \_\_\_\_\_ DATE STARTED: \_\_\_\_\_  
INSPECTOR: \_\_\_\_\_ DATE COMPLETED: \_\_\_\_\_

WATER WBS: N/A  
SEWER WBS: N/A

SUBMITTED BY: DONALD PORNAN, PROJECT MANAGER  
CHECKED BY: CELESTE ESTRADA, PROJECT ENGINEER

N/A  
N/A  
N/A

T-4



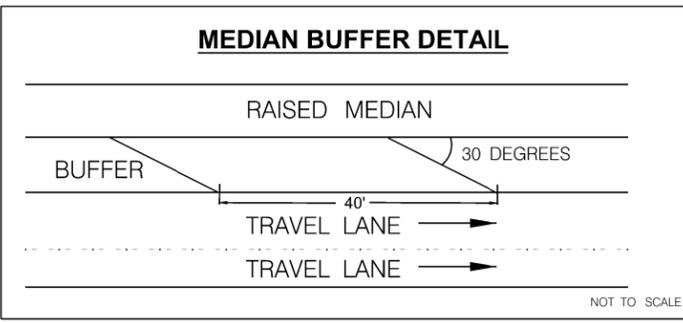
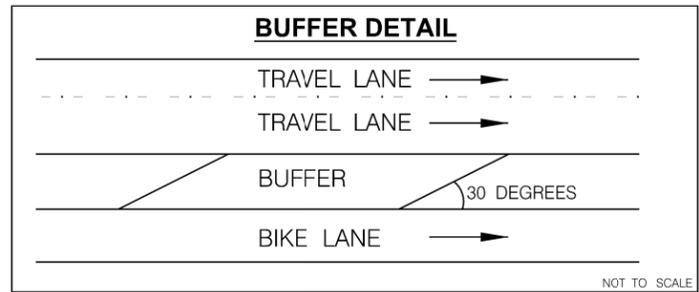
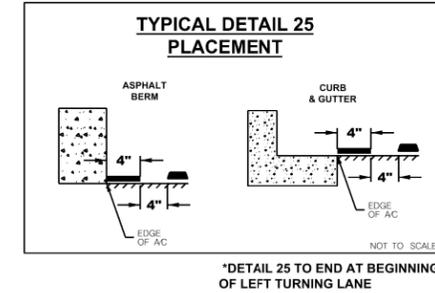
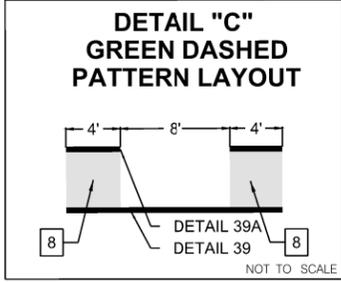
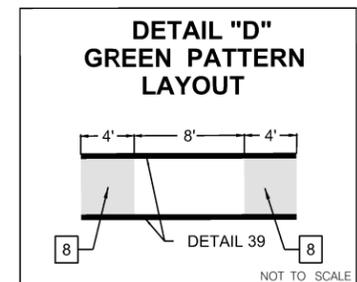
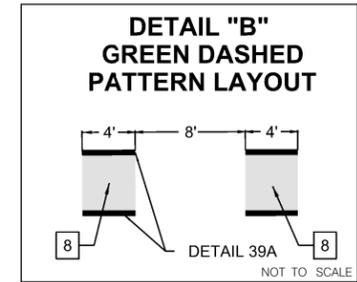
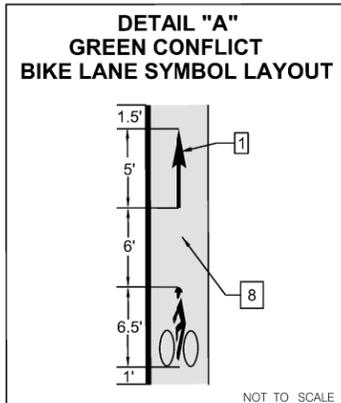
MATCHLINE - SEE SHEET 4



**LEGEND**

- xxx CALTRANS STANDARD PLAN A2CA - A20D DETAIL NUMBER
- PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A
- PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A
- PAVEMENT ARROW TYPE VI (R) PER CALTRANS STANDARD PLAN A24A
- BIKE LANE SYMBOL WITH PERSON AND ARROW PER CALTRANS STANDARD PLAN A24C.
- PROPOSED STRIPING/PAVEMENT MARKINGS
- EXISTING STRIPING/PAVEMENT MARKINGS

- CONSTRUCTION NOTES (THIS SHEET)**
- 1 INSTALL BIKE LANE ARROW AND BIKE SYMBOL WITH PERSON, PER CALTRANS STANDARD PLAN A24A, AT 300' INTERVALS OR AS SHOWN PER PLAN. BIKE LANE ARROW OR BIKE LANE SYMBOL WITH PERSON SHOULD NOT BE PLACED IN GUTTER PAN, WHERE PRESENT.
  - 2 INSTALL 6" WHITE DIAGONAL MARKINGS ANGLED AT 30 DEGREES AND AT 40' INTERVALS. SEE BUFFER DETAIL.
  - 3 INSTALL CONTINENTAL CROSSWALK MARKINGS PER CITY OF SAN DIEGO STANDARD PLAN SDM-116. ALL TRAFFIC LINES AND MARKINGS SHOULD BE A MINIMUM OF 4' FROM CONTINENTAL CROSSWALK MARKINGS. RESIDENT ENGINEER TO APPROVE CROSSWALK MARKING LAYOUT IN FIELD PRIOR TO INSTALLATION. ONLY STRIPE CONTINENTAL CROSSWALKS WITHIN RESURFACING LIMITS.
  - 4 INSTALL PAVEMENT MARKING LIMIT LINE (STOP LINE) PER CALTRANS STANDARD PLAN A24E.
  - 5 INSTALL TYPE Q BICYCLE DETECTOR LOOP, AND DETECTOR LEAD-IN CABLE (DLC) FOR EVERY NEW BICYCLE LOOP DETECTOR TO THE CONTROLLER CABINET, PER CALTRANS STANDARD PLAN ES-5B, AT 44' IN ADVANCE OF LIMIT LINE. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
  - 6 INSTALL 6" WHITE DIAGONAL MARKINGS ANGLED AT 30 DEGREES AND AT 20' INTERVALS. SEE BUFFER DETAIL.
  - 7 INSTALL GREEN PAINT (ENNIS FLINT PRODUCT CODE 183, PRODUCT COLOR 34108 OR APPROVED EQUAL), 2 COATS, AND RETROREFLECTIVE BEADS FOR EACH COAT. GREEN PAINT SHOULD NOT BE PLACED IN GUTTER PAN WHERE PRESENT. SEE 'DETAIL A' GREEN BIKE LANE SYMBOL LAYOUT, OR 'DETAIL B' GREEN DASHED PATTERN LAYOUT WITH DETAIL 39A ON BOTH SIDES, OR 'DETAIL C' GREEN PATTERN LAYOUT WITH DETAIL 39A ON BOTH SIDE, OR 'DETAIL D' GREEN DASHED PATTERN LAYOUT WITH DETAIL 39A ON ONE SIDE, OR 'DETAIL E' GREEN DASHED PATTERN LAYOUT WITH DETAIL 39A ON ONE SIDE.
  - 8 INSTALL 8" YELLOW DIAGONAL MARKINGS ANGLED AT 30 DEGREES AND AT 40' INTERVALS. SEE MEDIAN BUFFER DETAIL.
  - 9 INSTALL 8" WHITE CHEVRON MARKINGS AT 35' INTERVALS.
  - 10 INSTALL PAVEMENT MARKING ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24D IN CENTER OF TRAVEL LANE.
  - 11 INSTALL PAVEMENT MARKING ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24D IN CENTER OF TRAVEL LANE.
  - 12 INSTALL PAVEMENT MARKING ARROW TYPE VI (R) PER CALTRANS STANDARD PLAN A24D IN CENTER OF TRAVEL LANE.



T-5

STRIPING AND SIGNAGE PLAN FOR:

## BARNETT AVENUE

BETWEEN MIDWAY DRIVE AND PACIFIC COAST HIGHWAY

|  |                |   |                       |
|--|----------------|---|-----------------------|
| CITY OF SAN DIEGO, CALIFORNIA<br>TRANSPORTATION AND STORM WATER DEPT.<br>(SHEET 5 OF 5 SHEETS) |                | WATER WBS: <b>N/A</b>                           | SEWER WBS: <b>N/A</b> |
| APPROVED:<br>FOR CITY ENGINEER DATE: 8/6/19  |                | SUBMITTED BY: DONALD PORNIAN<br>PROJECT MANAGER |                       |
| DESCRIPTION  | BY             | APPROVED  | DATE                  |
| ORIGINAL   | RJP            |   | 7/27/2016             |
| REVISION   | CE             |   | 8/6/2019              |
|  |                | PROJECT ENGINEER: CELESTE ESTRADA               |                       |
|  |                | PROJECT ENGINEER: <b>N/A</b>                    |                       |
|  |                | CCS27 COORDINATE: <b>N/A</b>                    |                       |
|  |                | CCS83 COORDINATE: <b>N/A</b>                    |                       |
| CONTRACTOR   | DATE STARTED   |   |                       |
| INSPECTOR  | DATE COMPLETED |   |                       |



**APPENDIX O**  
**STREET MAINTENANCE SWEEP SCHEDULE**

| ASPHALT ITEM | AREA | Segment ID | Street Name      | Cross Street 1     | Cross Street 2     | Council District | Thomas Bros Map Page | Sweep Schedule                            |
|--------------|------|------------|------------------|--------------------|--------------------|------------------|----------------------|---|
| A1           | 1    | SS-027743  | VIA ESPRILLO     | VIA FRONTERA       | VIA DEL CAMPO      | 5                | 1169-H3              | Not Posted. Both Sides Mon                |
| A2           | 1    | SS-027697  | VIA DEL CAMPO    | WEST BERNARDO DR   | VIA ESPRILLO       | 5                | 1169-H3              | Not Posted. Both Sides Mon                |
| A3           | 1    | SS-027756  | VIA FRONTERA     | BEGIN              | VIA ESPRILLO       | 5                | 1169-H4              | Not Posted. Both Sides Mon                |
| A4           | 1    | SS-027757  | VIA FRONTERA     | VIA ESPRILLO       | WEST BERNARDO DR   | 5                | 1169-H4              | Not Posted. Both Sides Mon                |
| A5           | 2    | SS-028450  | WEST BERNARDO DR | BERNARDO CENTER DR | TECHNOLOGY DR      | 5                | 1169-H4              | Not Posted. Both Sides Mon                |
| A6           | 2    | SS-028443  | WEST BERNARDO DR | VIA FRONTERA       | VIA DEL CAMPO      | 5                | 1169-H4              | Not Posted. Both Sides Mon                |
| A7           | 2    | SS-028444  | WEST BERNARDO DR | TECHNOLOGY DR      | VIA FRONTERA       | 5                | 1169-H4              | Not Posted. Both Sides Mon                |
| A8           | 2    | SS-028442  | WEST BERNARDO DR | WEST BERNARDO CT   | RANCHO BERNARDO RD | 5                | 1169-J2              | Not Posted. Both Sides Mon                |
| A9           | 2    | SS-028449  | WEST BERNARDO DR | VIA DEL CAMPO      | WEST BERNARDO CT   | 5                | 1169-J3              | Not Posted. Both Sides Mon                |
| A10          | 3    | SS-004214  | BIG SPRINGS WY   | TURTLEBACK RD      | END                | 5                | 1169-J4              | Not Posted. Both Sides Even Month 3rd Fri |
| A11          | 3    | SS-004215  | BIG SPRINGS WY   | LOFTY TL DR        | MEADOW FLOWER PL   | 5                | 1169-J5              | Not Posted. Both Sides Even Month 3rd Fri |
| A12          | 3    | SS-017928  | MEADOW FLOWER PL | BIG SPRINGS WY     | END                | 5                | 1169-J5              | Not Posted. Both Sides Even Month 3rd Fri |
| A13          | 3    | SS-004216  | BIG SPRINGS WY   | MEADOW FLOWER PL   | TURTLEBACK RD      | 5                | 1169-J5              | Not Posted. Both Sides Even Month 3rd Fri |
| A14          | 4    | SS-013745  | HORADO RD        | BERNARDO OAKS DR   | FELICE DR          | 5                | 1170-B4              | Not Posted. Both Sides Odd Month 1st Fri  |
| A15          | 4    | SS-013746  | HORADO RD        | RAMADA DR          | BERNARDO OAKS DR   | 5                | 1170-B4              | Not Posted. Both Sides Odd Month 1st Fri  |
| A16          | 4    | SS-013742  | HORADO RD        | HISPANO DR         | RAMADA DR          | 5                | 1170-B4              | Not Posted. Both Sides Odd Month 1st Fri  |
| A17          | 4    | SS-013739  | HORADO RD        | ROCA DR            | SAMBROSA PL        | 5                | 1170-C3              | Not Posted. Both Sides Odd Month 1st Fri  |
| A18          | 4    | SS-013738  | HORADO RD        | SAMBROSA PL        | GABARDA RD         | 5                | 1170-C3              | Not Posted. Both Sides Odd Month 1st Fri  |
| A19          | 4    | SS-023957  | SAMBROSA PL      | HORADO RD          | END                | 5                | 1170-C3              | Not Posted. Both Sides Odd Month 1st Fri  |
| A20          | 4    | SS-013740  | HORADO RD        | SARAPE DR          | ROCA DR            | 5                | 1170-C3              | Not Posted. Both Sides Odd Month 1st Fri  |
| A21          | 4    | SS-024354  | SARAPE DR        | SENDA RD           | PIPO RD            | 5                | 1170-C4              | Not Posted. Both Sides Odd Month 1st Fri  |
| A22          | 4    | SS-024353  | SARAPE DR        | PIPO RD            | HORADO RD          | 5                | 1170-C4              | Not Posted. Both Sides Odd Month 1st Fri  |
| A23          | 4    | SS-013741  | HORADO RD        | HORADO CT          | SARAPE DR          | 5                | 1170-C4              | Not Posted. Both Sides Odd Month 1st Fri  |
| A24          | 4    | SS-013743  | HORADO RD        | SENDA PL           | HORADO CT          | 5                | 1170-C4              | Not Posted. Both Sides Odd Month 1st Fri  |
| A25          | 4    | SS-021865  | PIPO RD          | SARAPE DR          | ROCA DR            | 5                | 1170-C4              | Not Posted. Both Sides Odd Month 1st Fri  |
| A26          | 4    | SS-024771  | SENDA PL         | HORADO RD          | END                | 5                | 1170-C4              | Not Posted. Both Sides Odd Month 1st Fri  |
| A27          | 4    | SS-013737  | HORADO CT        | HORADO RD          | END                | 5                | 1170-C4              | Not Posted. Both Sides Odd Month 1st Fri  |
| A28          | 4    | SS-013744  | HORADO RD        | FELICE DR          | SENDA PL           | 5                | 1170-C4              | Not Posted. Both Sides Odd Month 1st Fri  |
| A29          | 4    | SS-024355  | SARAPE DR        | MANTILLA RD        | SENDA RD           | 5                | 1170-C4              | Not Posted. Both Sides Odd Month 1st Fri  |
| A30          | 6    | SS-023956  | SAMANTHA CT      | BEGIN              | SAMANTHA AV        | 5                | 1189-D4              | Not Posted. Both Sides Even Month 4th Fri |
| A32          | 7    | SS-004337  | BLACK MTN RD     | FALL RIVER WY      | CARMEL MTN RD      | 5                | 1189-D4              | Not Posted. Both Sides Tue                |
| A31          | 6    | SS-023955  | SAMANTHA CT      | SAMANTHA AV        | END                | 5                | 1189-D4              | Not Posted. Both Sides Even Month 4th Fri |
| A33          | 8    | SS-025962  | SURCO DR         | SANTA ARMINTA AV   | TORRELL WY         | 6                | 1209-B1              | Not Posted. Both Sides Even Month 1st Fri |
| A37          | 9    | SS-005519  | CALLE DEL HUMO   | DEDO PL            | SANTA ARMINTA AV   | 6                | 1209-B1              | Not Posted. Both Sides Even Month 1st Fri |
| A34          | 8    | SS-025961  | SURCO DR         | ZAPATA AV          | CALLE PINO         | 6                | 1209-B1              | Not Posted. Both Sides Even Month 1st Fri |
| A38          | 9    | SS-005518  | CALLE DEL HUMO   | AVNDA DEL GATO     | DEDO PL            | 6                | 1209-B1              | Not Posted. Both Sides Even Month 1st Fri |
| A39          | 9    | SS-008867  | DEDO PL          | BEGIN              | CALLE DEL HUMO     | 6                | 1209-B1              | Not Posted. Both Sides Even Month 1st Fri |
| A35          | 8    | SS-025960  | SURCO DR         | CALLE PINO         | SANTA ARMINTA AV   | 6                | 1209-B1              | Not Posted. Both Sides Even Month 1st Fri |
| A38          | 9    | SS-005518  | CALLE DEL HUMO   | AVNDA DEL GATO     | DEDO PL            | 6                | 1209-B1              | Not Posted. Both Sides Even Month 1st Fri |
| A36          | 8    | SS-026787  | TREBOL ST        | ZAPATA AV          | CALLE PINO         | 6                | 1209-B2              | Not Posted. Both Sides Even Month 1st Fri |
| A40          | 10   | SS-011540  | FROBISHER ST     | REAGAN RD          | FROBISHER CR       | 6                | 1209-C4              | Not Posted. Both Sides Even Month 4th Fri |
| A41          | 10   | SS-011541  | FROBISHER ST     | FROBISHER CR       | WESTONHILL DR      | 6                | 1209-C4              | Not Posted. Both Sides Even Month 4th Fri |
| A42          | 10   | SS-011539  | FROBISHER CR     | FROBISHER ST       | END                | 6                | 1209-C4              | Not Posted. Both Sides Even Month 4th Fri |
| A43          | 11   | SS-021551  | PEGASUS AV       | DELPHINUS WY       | PENTICTON WY       | 6                | 1209-D2              | Not Posted. Both Sides Even Month 1st Fri |
| A44          | 11   | SS-021550  | PEGASUS AV       | PENTICTON WY       | CAPRICORN WY       | 6                | 1209-D2              | Not Posted. Both Sides Even Month 1st Fri |
| A45          | 11   | SS-008196  | CRATER DR        | PENTICTON WY       | CAPRICORN WY       | 6                | 1209-D2              | Not Posted. Both Sides Even Month 1st Fri |

| ASPHALT ITEM | AREA | Segment ID | Street Name      | Cross Street 1  | Cross Street 2        | Council District | Thomas Bros Map Page | Sweep Schedule                            |
|--------------|------|------------|------------------|-----------------|-----------------------|------------------|----------------------|---|
| A46          | 11   | SS-021552  | PEGASUS AV       | LIBRA DR        | DELPHINUS WY          | 6                | 1209-D2              | Not Posted. Both Sides Even Month 1st Fri |
| A48          | 11   | SS-021553  | PEGASUS AV       | GEMINI AV       | LIBRA DR              | 6                | 1209-D3              | Not Posted. Both Sides Even Month 1st Fri |
| A49          | 12   | SS-024552  | SCRIPPS RANCH BL | ERMA RD         | AFFINITY CT           | 5                | 1209-F3              | Not Posted. Both Sides Thu                |
| A50          | 12   | SS-024553  | SCRIPPS RANCH BL | MIRA MESA BL    | ERMA RD               | 5                | 1209-F3              | Not Posted. Both Sides Thu                |
| A51          | 13   | SS-006296  | CARILLON CT      | STEUER WY       | END                   | 5                | 1209-J2              | Not Posted. Both Sides Odd Month 2nd Thu  |
| A52          | 13   | SS-006297  | CARILLON CT      | BEGIN           | STEUER WY             | 5                | 1210-A2              | Not Posted. Both Sides Odd Month 2nd Thu  |
| A53          | 14   | SS-014504  | JAMESTOWN RD     | JAMESTOWN WY    | END                   | 6                | 1228-F6              | Not Posted. Both Sides Even Month 3rd Thu |
| A54          | 14   | SS-014503  | JAMESTOWN RD     | CONSTITUTION RD | REBEL RD              | 6                | 1228-F7              | Not Posted. Both Sides Even Month 3rd Thu |
| A55          | 14   | SS-014500  | JAMESTOWN RD     | JAMESTOWN CT    | JAMESTOWN WY          | 6                | 1228-F7              | Not Posted. Both Sides Even Month 3rd Thu |
| A56          | 14   | SS-014502  | JAMESTOWN RD     | REBEL RD        | MILLWOOD RD           | 6                | 1228-F7              | Not Posted. Both Sides Even Month 3rd Thu |
| A57          | 14   | SS-014501  | JAMESTOWN RD     | MILLWOOD RD     | JAMESTOWN CT          | 6                | 1228-F7              | Not Posted. Both Sides Even Month 3rd Thu |
| A58          | 14   | SS-014505  | JAMESTOWN WY     | BEGIN           | JAMESTOWN RD          | 6                | 1228-F7              | Not Posted. Both Sides Even Month 3rd Thu |
| A59          | 15   | SS-007959  | CORK PL          | ARLENE CT       | END                   | 6                | 1228-G7              | Not Posted. Both Sides Even Month 3rd Thu |
| A61          | 15   | SS-008802  | DAWNE ST         | LEHRER DR       | ARLENE ST             | 6                | 1228-G7              | Not Posted. Both Sides Even Month 3rd Thu |
| A60          | 15   | SS-007958  | CORK PL          | DIANE AV        | ARLENE CT             | 6                | 1228-G7              | Not Posted. Both Sides Even Month 3rd Thu |
| A62          | 15   | SS-008801  | DAWNE ST         | ARLENE ST       | END                   | 6                | 1228-G7              | Not Posted. Both Sides Even Month 3rd Thu |
| A63          | 15   | SS-002736  | ARLENE CT        | ARLENE ST       | END                   | 6                | 1228-G7              | Not Posted. Both Sides Even Month 3rd Thu |
| A64          | 15   | SS-002739  | ARLENE ST        | ARLENE CT       | DAWNE ST              | 6                | 1228-G7              | Not Posted. Both Sides Even Month 3rd Thu |
| A65          | 16   | SS-022992  | REGINA AV        | BEGIN           | LIMERICK AV           | 6                | 1228-H6              | Not Posted. Both Sides Even Month 3rd Thu |
| A66          | 16   | SS-016426  | LIMERICK CT      | LIMERICK AV     | END                   | 6                | 1228-H7              | Not Posted. Both Sides Even Month 3rd Thu |
| A67          | 17   | SS-002334  | AMARO CT         | BEGIN           | AMARO DR              | 7                | 1229-G7              | Not Posted. Both Sides Even Month 1st Thu |
| A68          | 17   | SS-012805  | GUINCHO RD       | ANTIGUA BL      | HERMANOS RD           | 7                | 1229-G7              | Not Posted. Both Sides Even Month 1st Thu |
| A69          | 17   | SS-015480  | LA DUENA WY      | AMARO DR        | GUINCHO RD            | 7                | 1229-G7              | Not Posted. Both Sides Even Month 1st Thu |
| A70          | 17   | SS-012804  | GUINCHO RD       | HERMANOS RD     | LA DUENA WY           | 7                | 1229-H7              | Not Posted. Both Sides Even Month 1st Thu |
| A71          | 17   | SS-012803  | GUINCHO RD       | LA DUENA WY     | GUINCHO PL            | 7                | 1229-H7              | Not Posted. Both Sides Even Month 1st Thu |
| A72          | 17   | SS-026701  | TORTUGA RD       | ANTIGUA BL      | HERMANOS CT           | 7                | 1229-H7              | Not Posted. Both Sides Even Month 1st Thu |
| A73          | 17   | SS-026700  | TORTUGA RD       | HERMANOS CT     | AVNDA SANCHEZ         | 7                | 1229-H7              | Not Posted. Both Sides Even Month 1st Thu |
| A74          | 17   | SS-013377  | HERMANOS RD      | GUINCHO RD      | EL CABO CT            | 7                | 1229-H7              | Not Posted. Both Sides Even Month 1st Thu |
| A75          | 17   | SS-013376  | HERMANOS CT      | HERMANOS RD     | END                   | 7                | 1229-H7              | Not Posted. Both Sides Even Month 1st Thu |
| A76          | 17   | SS-013378  | HERMANOS RD      | EL CABO CT      | HERMANOS CT           | 7                | 1229-H7              | Not Posted. Both Sides Even Month 1st Thu |
| A77          | 18   | SS-015299  | KLEEFELD AV      | SAMOSET AV      | WILLAMETTE AV         | 6                | 1248-E1              | Not Posted. Both Sides Even Month 3rd Tue |
| A78          | 18   | SS-015303  | KLEEFELD AV      | BANNOCK AV      | CLAIREMONT MESA (FTG) | 6                | 1248-E1              | Not Posted. Both Sides Even Month 3rd Tue |
| A79          | 18   | SS-015298  | KLEEFELD AV      | WILLAMETTE AV   | SUSQUEHANNA PL        | 6                | 1248-E1              | Not Posted. Both Sides Even Month 3rd Tue |
| A80          | 18   | SS-015297  | KLEEFELD AV      | SUSQUEHANNA PL  | BANNOCK AV            | 6                | 1248-E1              | Not Posted. Both Sides Even Month 3rd Tue |
| A81          | 18   | SS-026238  | TECUMSEH WY      | SAGINAW AV      | KLEEFELD AV           | 6                | 1248-E1              | Not Posted. Both Sides Even Month 3rd Tue |
| A82          | 18   | SS-025976  | SUSQUEHANNA PL   | BANNOCK AV      | KLEEFELD AV           | 6                | 1248-E1              | Not Posted. Both Sides Even Month 3rd Tue |
| A83          | 18   | SS-003540  | BANNOCK AV       | SUSQUEHANNA PL  | KLEEFELD AV           | 6                | 1248-E1              | Not Posted. Both Sides Even Month 3rd Tue |
| A84          | 18   | SS-028795  | WILLAMETTE AV    | ROLFE RD        | KLEEFELD AV           | 6                | 1248-E1              | Not Posted. Both Sides Even Month 3rd Tue |
| A85          | 18   | SS-018218  | MIAMI WY         | CINDY ST        | MIAMI CT              | 6                | 1248-E2              | Not Posted. Both Sides Even Month 3rd Tue |
| A86          | 18   | SS-018216  | MIAMI CT         | MIAMI WY        | END                   | 6                | 1248-E2              | Not Posted. Both Sides Even Month 3rd Tue |
| A87          | 18   | SS-015300  | KLEEFELD AV      | TECUMSEH WY     | SAMOSET AV            | 6                | 1248-F1              | Not Posted. Both Sides Even Month 3rd Tue |
| A88          | 18   | SS-015301  | KLEEFELD AV      | VALLEJO AV      | TECUMSEH WY           | 6                | 1248-F1              | Not Posted. Both Sides Even Month 3rd Tue |
| A89          | 18   | SS-015302  | KLEEFELD AV      | BEGIN           | VALLEJO AV            | 6                | 1248-F1              | Not Posted. Both Sides Even Month 3rd Tue |
| A90          | 18   | SS-023958  | SAMOSET AV       | KLEEFELD AV     | END                   | 6                | 1248-F1              | Not Posted. Both Sides Even Month 3rd Tue |
| A104         | 19   | SS-002169  | ALMAYO AV        | ALMAYO CT       | TRIANA ST             | 6                | 1248-G1              | Not Posted. Both Sides Even Month 4th Thu |
| A105         | 19   | SS-002170  | ALMAYO AV        | BEGIN           | ALMAYO CT             | 6                | 1248-G1              | Not Posted. Both Sides Even Month 4th Thu |

| ASPHALT ITEM | AREA | Segment ID | Street Name   | Cross Street 1 | Cross Street 2     | Council District | Thomas Bros Map Page | Sweep Schedule                            |
|--------------|------|------------|---------------|----------------|--------------------|------------------|----------------------|---|
| A95          | 19   | SS-026814  | TRIANA ST     | SOUTHAMPTON ST | CHESHIRE ST        | 6                | 1248-G1              | Not Posted. Both Sides Even Month 4th Thu |
| A96          | 19   | SS-026813  | TRIANA ST     | ALMAYO AV      | SOUTHAMPTON ST     | 6                | 1248-G1              | Not Posted. Both Sides Even Month 4th Thu |
| A97          | 19   | SS-026816  | TRIANA ST     | DERRICK DR     | ALLENHURST PL      | 6                | 1248-G1              | Not Posted. Both Sides Even Month 4th Thu |
| A98          | 19   | SS-002171  | ALMAYO CT     | BEGIN          | ALMAYO AV          | 6                | 1248-G1              | Not Posted. Both Sides Even Month 4th Thu |
| A99          | 19   | SS-026815  | TRIANA ST     | CHESHIRE ST    | DERRICK DR         | 6                | 1248-G1              | Not Posted. Both Sides Even Month 4th Thu |
| A100         | 19   | SS-026818  | TRIANA ST     | SEAFORD PL     | ANDALUSIA AV       | 6                | 1248-H1              | Not Posted. Both Sides Even Month 4th Thu |
| A101         | 19   | SS-026819  | TRIANA ST     | ANDALUSIA AV   | LIMERICK AV        | 6                | 1248-H1              | Not Posted. Both Sides Even Month 4th Thu |
| A102         | 19   | SS-026817  | TRIANA ST     | ALLENHURST PL  | SEAFORD PL         | 6                | 1248-H1              | Not Posted. Both Sides Even Month 4th Thu |
| A103         | 19   | SS-026820  | TRIANA ST     | LIMERICK AV    | DOLIVA DR          | 6                | 1248-H1              | Not Posted. Both Sides Even Month 3rd Thu |
| A91          | 19   | SS-017047  | LYRIC LN      | BELLVALE AV    | LIMERICK AV        | 6                | 1248-H2              | Not Posted. Both Sides Even Month 3rd Thu |
| A92          | 19   | SS-017048  | LYRIC LN      | BOWDEN AV      | BELLVALE AV        | 6                | 1248-H2              | Not Posted. Both Sides Even Month 3rd Thu |
| A93          | 19   | SS-017050  | LYRIC LN      | CHATEAU DR     | CANOSA AV          | 6                | 1248-H2              | Not Posted. Both Sides Even Month 3rd Thu |
| A94          | 19   | SS-017049  | LYRIC LN      | CANOSA AV      | BOWDEN AV          | 6                | 1248-H2              | Not Posted. Both Sides Even Month 3rd Thu |
| A108         | 20   | SS-006124  | CANNINGTON DR | PRINTWOOD WY   | HANNON CT          | 6                | 1248-J1              | Not Posted. Both Sides Even Month 3rd Thu |
| A107         | 20   | SS-006133  | CANNINGTON DR | HANNON CT      | LIEBEL CT          | 6                | 1248-J1              | Not Posted. Both Sides Even Month 3rd Thu |
| A106         | 20   | SS-006123  | CANNINGTON DR | LIEBEL CT      | KESLING ST         | 6                | 1248-J1              | Not Posted. Both Sides Even Month 3rd Thu |
| A117         | 20   | SS-006132  | CANNINGTON DR | BALBOA AV      | BEADNELL WY        | 6                | 1248-J2              | Not Posted. Both Sides Even Month 3rd Thu |
| A116         | 20   | SS-006134  | CANNINGTON DR | BEADNELL WY    | CHARING ST         | 6                | 1248-J2              | Not Posted. Both Sides Even Month 3rd Thu |
| A115         | 20   | SS-006131  | CANNINGTON DR | CHARING ST     | CASTLETON DR       | 6                | 1248-J2              | Not Posted. Both Sides Even Month 3rd Thu |
| A114         | 20   | SS-006130  | CANNINGTON DR | CASTLETON DR   | CHANDLER DR        | 6                | 1248-J2              | Not Posted. Both Sides Even Month 3rd Thu |
| A109         | 20   | SS-006125  | CANNINGTON DR | CLEEVE WY      | PRINTWOOD WY       | 6                | 1248-J2              | Not Posted. Both Sides Even Month 3rd Thu |
| A111         | 20   | SS-006127  | CANNINGTON DR | ARUNDEL PL     | CHEAMES WY         | 6                | 1248-J2              | Not Posted. Both Sides Even Month 3rd Thu |
| A110         | 20   | SS-006126  | CANNINGTON DR | CHEAMES WY     | CLEEVE WY          | 6                | 1248-J2              | Not Posted. Both Sides Even Month 3rd Thu |
| A113         | 20   | SS-006129  | CANNINGTON DR | CHANDLER DR    | FOYLE WY           | 6                | 1248-J2              | Not Posted. Both Sides Even Month 3rd Thu |
| A112         | 20   | SS-006128  | CANNINGTON DR | FOYLE WY       | ARUNDEL PL         | 6                | 1248-J2              | Not Posted. Both Sides Even Month 3rd Thu |
| A118         | 21   | SS-022041  | PODELL AV     | HARCOURT DR    | END                | 7                | 1249-F6              | Not Posted. Both Sides Even Month 1st Tue |
| A119         | 21   | SS-013065  | HARCOURT DR   | LARRABEE AV    | RONDA AV           | 7                | 1249-F6              | Not Posted. Both Sides Even Month 1st Tue |
| A120         | 21   | SS-013061  | HARCOURT DR   | RONDA AV       | BANTAM AV          | 7                | 1249-F6              | Not Posted. Both Sides Even Month 1st Tue |
| A121         | 21   | SS-013063  | HARCOURT DR   | PODELL AV      | YOLANDA AV         | 7                | 1249-F6              | Not Posted. Both Sides Even Month 1st Tue |
| A122         | 21   | SS-012411  | GOODWICK CT   | HARCOURT DR    | END                | 7                | 1249-F7              | Not Posted. Both Sides Even Month 1st Tue |
| A123         | 21   | SS-013064  | HARCOURT DR   | GOODWICK CT    | PODELL AV          | 7                | 1249-F7              | Not Posted. Both Sides Even Month 1st Tue |
| A124         | 22   | SS-024319  | SANTO RD      | BEGIN          | AERO DR            | 7                | 1249-G4              | Not Posted. Both Sides Every Mon          |
| A125         | 22   | SS-024315  | SANTO RD      | PORTO CT       | CLAIREMONT MESA BL | 7                | 1249-H1              | Not Posted. Both Sides Every Mon          |
| A126         | 22   | SS-024316  | SANTO RD      | TIERRASANTA BL | PORTO CT           | 7                | 1249-H2              | Not Posted. Both Sides Every Mon          |
| A127         | 23   | SS-012248  | GLENROY ST    | ELGIN AV       | FORBES AV          | 7                | 1250-B5              | Not Posted. Both Sides Even Month 1st Tue |
| A128         | 23   | SS-012250  | GLENROY ST    | COTTAGE AV     | DUNDEE AV          | 7                | 1250-B5              | Not Posted. Both Sides Even Month 1st Tue |
| A129         | 23   | SS-012249  | GLENROY ST    | DUNDEE AV      | ELGIN AV           | 7                | 1250-B5              | Not Posted. Both Sides Even Month 1st Tue |
| A130         | 23   | SS-012251  | GLENROY ST    | HILLSBORO ST   | COTTAGE AV         | 7                | 1250-B5              | Not Posted. Both Sides Even Month 1st Tue |
| A131         | 23   | SS-012252  | GLENROY ST    | BRUNSWICK AV   | HILLSBORO ST       | 7                | 1250-B5              | Not Posted. Both Sides Even Month 1st Tue |
| A132         | 23   | SS-011761  | GALA AV       | HAMILL AV      | BIRCHWOOD ST       | 7                | 1250-B5              | Not Posted. Both Sides Even Month 1st Tue |
| A133         | 23   | SS-012951  | HAMILL AV     | GALA AV        | ELDRIDGE ST        | 7                | 1250-C5              | Not Posted. Both Sides Even Month 1st Tue |
| A134         | 23   | SS-013768  | HORNER ST     | GALEWOOD ST    | END                | 7                | 1250-C5              | Not Posted. Both Sides Even Month 1st Tue |
| A135         | 23   | SS-011762  | GALA AV       | BIRCHWOOD ST   | ELDRIDGE ST        | 7                | 1250-C5              | Not Posted. Both Sides Even Month 1st Tue |
| A136         | 23   | SS-013769  | HORNER ST     | BRUNSWICK AV   | GALEWOOD ST        | 7                | 1250-C6              | Not Posted. Both Sides Even Month 1st Tue |
| A137         | 23   | SS-005075  | BRUNSWICK AV  | GALEWOOD ST    | HORNER ST          | 7                | 1250-C6              | Not Posted. Both Sides Even Month 1st Tue |
| A141         | 25   | SS-007196  | CIBOLA CT     | BEGIN          | CIBOLA RD          | 7                | 1250-D3              | Not Posted. Both Sides Even Month 3rd Tue |

| ASPHALT ITEM | AREA | Segment ID | Street Name          | Cross Street 1      | Cross Street 2       | Council District | Thomas Bros Map Page | Sweep Schedule  |
|--------------|------|------------|----------------------|---------------------|----------------------|------------------|----------------------|---|
| A143         | 25   | SS-007198  | CIBOLA RD            | FORRESTAL RD        | CIBOLA CT            | 7                | 1250-D3              | Not Posted. Both Sides Even Month 3rd Tue               |
| A142         | 25   | SS-007197  | CIBOLA RD            | CIBOLA CT           | HEMINGWAY AV         | 7                | 1250-D3              | Not Posted. Both Sides Even Month 3rd Tue               |
| A152         | 26   | SS-028913  | WINDING CREEK DR     | JACKSON DR          | BELL BLUFF AV        | 7                | 1250-D3              | Not Posted. Both Sides Even Month 3rd Tue               |
| A144         | 25   | SS-007199  | CIBOLA RD            | LAURELRIDGE RD      | FORRESTAL RD         | 7                | 1250-D4              | Not Posted. Both Sides Even Month 3rd Tue               |
| A146         | 25   | SS-011319  | FORRESTAL RD         | OFRIA CT            | CIBOLA RD            | 7                | 1250-D4              | Not Posted. Both Sides Even Month 3rd Tue               |
| A138         | 24   | SS-005085  | BRYNWOOD WY          | PASATIEMPO AV       | BRYNWOOD CT          | 7                | 1250-D6              | Not Posted. Both Sides Even Month 3rd Tue               |
| A139         | 24   | SS-005083  | BRYNWOOD CT          | BEGIN               | BRYNWOOD WY          | 7                | 1250-D6              | Not Posted. Both Sides Even Month 3rd Tue               |
| A140         | 24   | SS-005084  | BRYNWOOD WY          | BRYNWOOD CT         | DEL PASO AV          | 7                | 1250-D6              | Not Posted. Both Sides Even Month 3rd Tue               |
| A150         | 26   | SS-028911  | WINDING CREEK DR     | HIGH MEADOW CT      | ROYAL GORGE DR       | 7                | 1250-E3              | Not Posted. Both Sides Even Month 3rd Tue               |
| A151         | 26   | SS-028912  | WINDING CREEK DR     | BELL BLUFF AV       | HIGH MEADOW CT       | 7                | 1250-E3              | Not Posted. Both Sides Even Month 3rd Tue               |
| A148         | 25   | SS-011321  | FORRESTAL RD         | FORRESTAL CT        | OFRIA AV             | 7                | 1250-E4              | Not Posted. Both Sides Even Month 3rd Tue               |
| A149         | 25   | SS-011322  | FORRESTAL RD         | PARK RIDGE BL       | FORRESTAL CT         | 7                | 1250-E4              | Not Posted. Both Sides Even Month 3rd Tue               |
| A145         | 25   | SS-011318  | FORRESTAL CT         | FORRESTAL RD        | END                  | 7                | 1250-E4              | Not Posted. Both Sides Even Month 3rd Tue               |
| A147         | 25   | SS-011320  | FORRESTAL RD         | OFRIA AV            | OFRIA CT             | 7                | 1250-E4              | Not Posted. Both Sides Even Month 3rd Tue               |
| A153         | 27   | SS-017709  | MARYFORD DR          | BOBHIRD DR          | END                  | 7                | 1250-J3              | Not Posted. Both Sides Even Month 3rd Wed               |
| A154         | 27   | SS-004492  | BOBHIRD DR           | MARYFORD DR         | HIGHWOOD DR          | 7                | 1250-J3              | Not Posted. Both Sides Even Month 3rd Wed               |
| A155         | 27   | SS-007400  | CLIMAX CT            | BEGIN               | HUDSON DR            | 7                | 1250-J4              | Not Posted. Both Sides Even Month 3rd Wed               |
| A156         | 27   | SS-004493  | BOBHIRD DR           | MAURY DR            | MARYFORD DR          | 7                | 1250-J4              | Not Posted. Both Sides Even Month 3rd Wed               |
| A157         | 28   | SS-017055  | LYTTON ST            | ST CHARLES ST       | ROSECRANS ST         | 2                | 1268-D6              |   |
| A158         | 28   | SS-017056  | LYTTON ST            | BARNETT AV          | SELLERS PZ           | 2                | 1268-D6              |   |
| A159         | 28   | SS-003593  | BARNETT AV           | LYTTON ST           | TRUXTUN RD           | 2                | 1268-E6              | Not Posted. Both Sides Mon                              |
| A160         | 28   | SS-003592  | BARNETT AV           | PELELIU WY          | TUSCALOOSA ST        | 2                | 1268-E6              | Not Posted. Both Sides Mon                              |
| A161         | 28   | SS-003589  | BARNETT AV           | MENDONCA DR         | PELELIU WY           | 2                | 1268-E6              | Not Posted. Both Sides Mon                              |
| A162         | 28   | SS-020949  | PACIFIC HY SB OFF RA | PACIFIC HY          | BARNETT AV           | 2                | 1268-F6              | Not Posted. Both Sides Mon                              |
| A163         | 28   | SS-020937  | PACIFIC HY NB OFF RA | PACIFIC HY          | BARNETT AV           | 2                | 1268-F6              | Not Posted. Both Sides Mon                              |
| A164         | 28   | SS-003587  | BARNETT AV           | PACIFIC HY SB ON RA | PACIFIC HY NB OFF RA | 2                | 1268-F6              | Not Posted. Both Sides Mon                              |
| A165         | 28   | SS-003591  | BARNETT AV           | HENDERSON AV        | MIDWAY DR            | 2                | 1268-F6              | Not Posted. Both Sides Mon                              |
| A166         | 28   | SS-003588  | BARNETT AV           | MIDWAY DR           | JESSOP LN            | 2                | 1268-F6              | Not Posted. Both Sides Mon                              |
| A167         | 28   | SS-003590  | BARNETT AV           | JESSOP LN           | PACIFIC HY SB ON RA  | 2                | 1268-F6              | Not Posted. Both Sides Mon                              |
| A168         | 29   | SS-009791  | EAST WESTINGHOUSE ST | VOLTA CT            | LINBROOK DR          | 7                | 1268-J1              | Not Posted. Both Sides Even Month 4th Thu               |
| A169         | 29   | SS-009790  | EAST WESTINGHOUSE ST | WESTINGHOUSE ST     | LINBROOK DR          | 7                | 1268-J1              | Not Posted. Both Sides Even Month 4th Thu               |
| A170         | 29   | SS-009792  | EAST WESTINGHOUSE ST | WESTINGHOUSE ST     | VOLTA CT             | 7                | 1268-J2              | Not Posted. Both Sides Even Month 4th Thu               |
| A171         | 30   | SS-020674  | OREGON ST            | LINCOLN AV          | POLK AV              | 3                | 1269-D5              | Posted (7am - 10am). WS 2nd & 4th Mon. ES 2nd & 4th Tue |
| A172         | 30   | SS-020675  | OREGON ST            | UNIVERSITY AV       | LINCOLN AV           | 3                | 1269-D5              | Posted (7am - 10am). WS 2nd & 4th Mon. ES 2nd & 4th Tue |
| A173         | 31   | SS-027423  | VANCOUVER AV         | MAPLE ST            | END                  | 3                | 1269-G7              | Not Posted. Both Sides 2nd Tue                          |
| A174         | 31   | SS-027424  | VANCOUVER AV         | KALMIA ST           | MAPLE ST             | 3                | 1269-G7              | Not Posted. Both Sides 2nd Tue                          |
| A176         | 32   | SS-007616  | COLLIER AV           | ATLANTA DR          | 54TH ST              | 9                | 1270-B3              | Not Posted. Both Sides 3rd Mon                          |
| A177         | 32   | SS-007618  | COLLIER AV           | AUSTIN DR           | ATLANTA DR           | 9                | 1270-B3              | Not Posted. Both Sides 3rd Mon                          |
| A178         | 33   | SS-031611  | UNIVERSITY (FTG) AV  | 58TH ST             | 60TH ST              | 9                | 1270-C5              |   |
| A179         | 34   | SS-011635  | FROUDE ST            | ALHAMBRA ST         | OSPREY ST            | 2                | 1287-H1              | Not Posted. Both Sides Even Month 4th Wed               |
| A180         | 34   | SS-011634  | FROUDE ST            | OSPREY ST           | GRANGER ST           | 2                | 1287-H1              | Not Posted. Both Sides Even Month 4th Wed               |
| A181         | 34   | SS-011633  | FROUDE ST            | GRANGER ST          | TIVOLI ST            | 2                | 1287-J1              | Not Posted. Both Sides Even Month 4th Wed               |
| A182         | 34   | SS-011631  | FROUDE ST            | ADAIR ST            | POINT LOMA AV        | 2                | 1287-J1              | Not Posted. Both Sides Even Month 4th Wed               |
| A183         | 34   | SS-011632  | FROUDE ST            | TIVOLI ST           | ADAIR ST             | 2                | 1287-J1              | Not Posted. Both Sides Even Month 4th Wed               |
| A175         | 31   | SS-027425  | VANCOUVER AV         | BEGIN               | KALMIA ST            | 3                | 1289-G1              | Not Posted. Both Sides 2nd Tue                          |
| A186         | 35   | SS-009036  | DEL SOL LN           | ROSA LINDA ST       | ARRUZA ST            | 8                | 1350-E1              | Not Posted. Both Sides Odd Month 3rd Fri                |

| ASPHALT ITEM | AREA | Segment ID | Street Name     | Cross Street 1  | Cross Street 2  | Council District | Thomas Bros Map Page | Sweep Schedule                           |
|--------------|------|------------|-----------------|-----------------|-----------------|------------------|----------------------|--|
| A184         | 35   | SS-009035  | DEL SOL LN      | DEL SOL BL      | ROSA LINDA ST   | 8                | 1350-E1              | Not Posted. Both Sides Odd Month 3rd Fri |
| A185         | 35   | SS-001882  | AGOSTO ST       | BEGIN           | MARZO ST        | 8                | 1350-E1              | Not Posted. Both Sides Odd Month 3rd Fri |
| A187         | 35   | SS-001881  | AGOSTO ST       | MARZO ST        | DEL SUR BL      | 8                | 1350-E1              | Not Posted. Both Sides Odd Month 3rd Fri |
| A188         | 35   | SS-002827  | ARRUZA ST       | DEL SUR BL      | PIEDRA ST       | 8                | 1350-E1              | Not Posted. Both Sides Odd Month 3rd Fri |
| A189         | 35   | SS-017732  | MARZO ST        | AGOSTO ST       | DEL SUR BL      | 8                | 1350-E2              | Not Posted. Both Sides Odd Month 3rd Fri |
| A190         | 35   | SS-017731  | MARZO ST        | DEL SUR BL      | PIEDRA ST       | 8                | 1350-E2              | Not Posted. Both Sides Odd Month 3rd Fri |
| A191         | 35   | SS-008363  | CTE LAS TONADAS | VIA LAS TONADAS | END             | 8                | 1350-E3              | Not Posted. Both Sides Odd Month 3rd Fri |
| A192         | 35   | SS-027787  | VIA LAS TONADAS | CTE LAS TONADAS | VISTA (SB) LN   | 8                | 1350-E3              | Not Posted. Both Sides Odd Month 3rd Fri |
| A193         | 35   | SS-027786  | VIA LAS TONADAS | BEGIN           | CTE LAS TONADAS | 8                | 1350-E3              | Not Posted. Both Sides Odd Month 3rd Fri |

**APPENDIX P**  
**APPROX. PAVING LIMITS MAP BOOK**

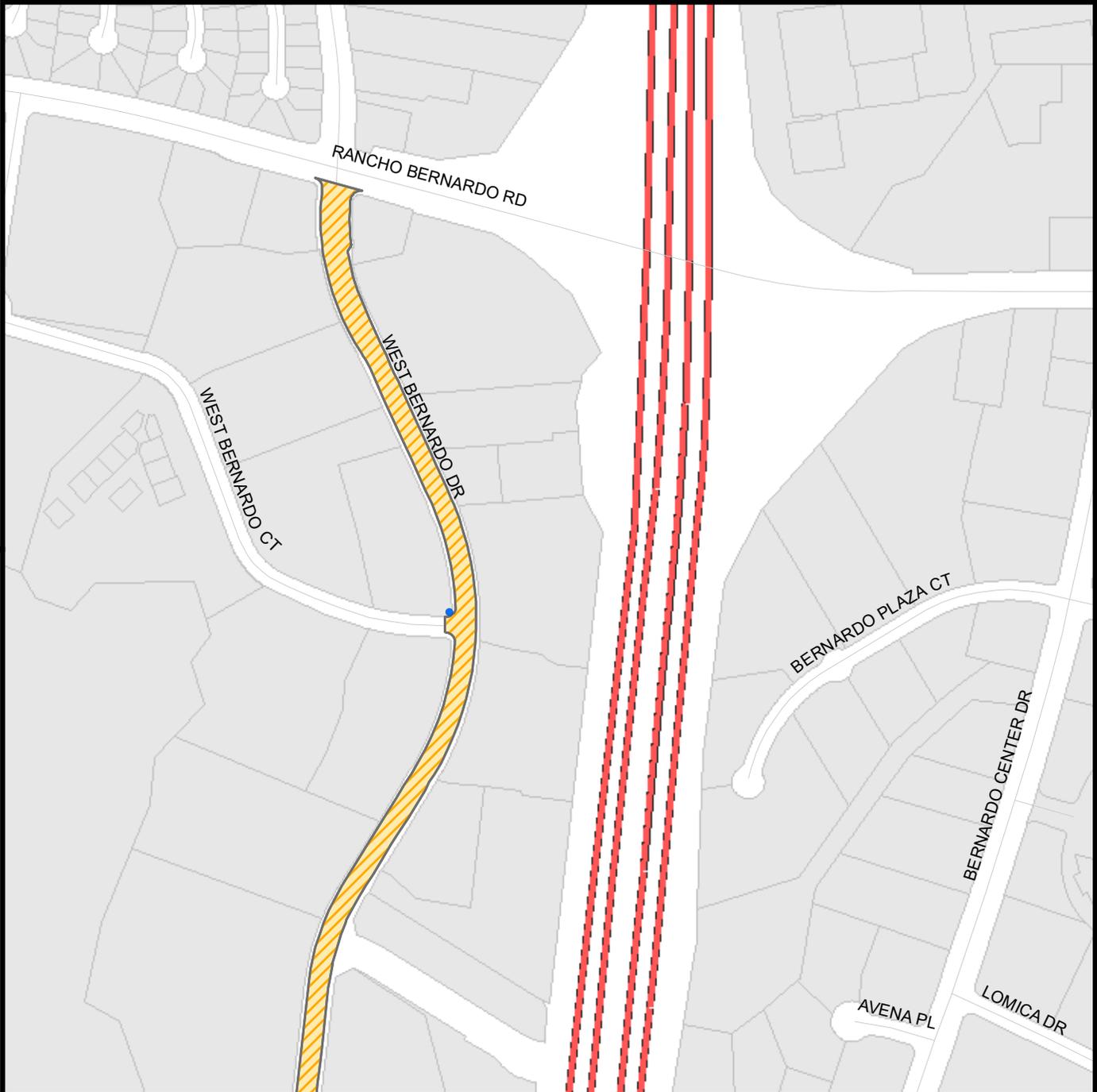
**Asphalt Resurfacing Group 1702**

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Approx. AC Pavement Limits



Approx. Curb Ramp Locations



Approx. PCC Pavement Limits



NO SCALE



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**Asphalt Resurfacing Group 1702**

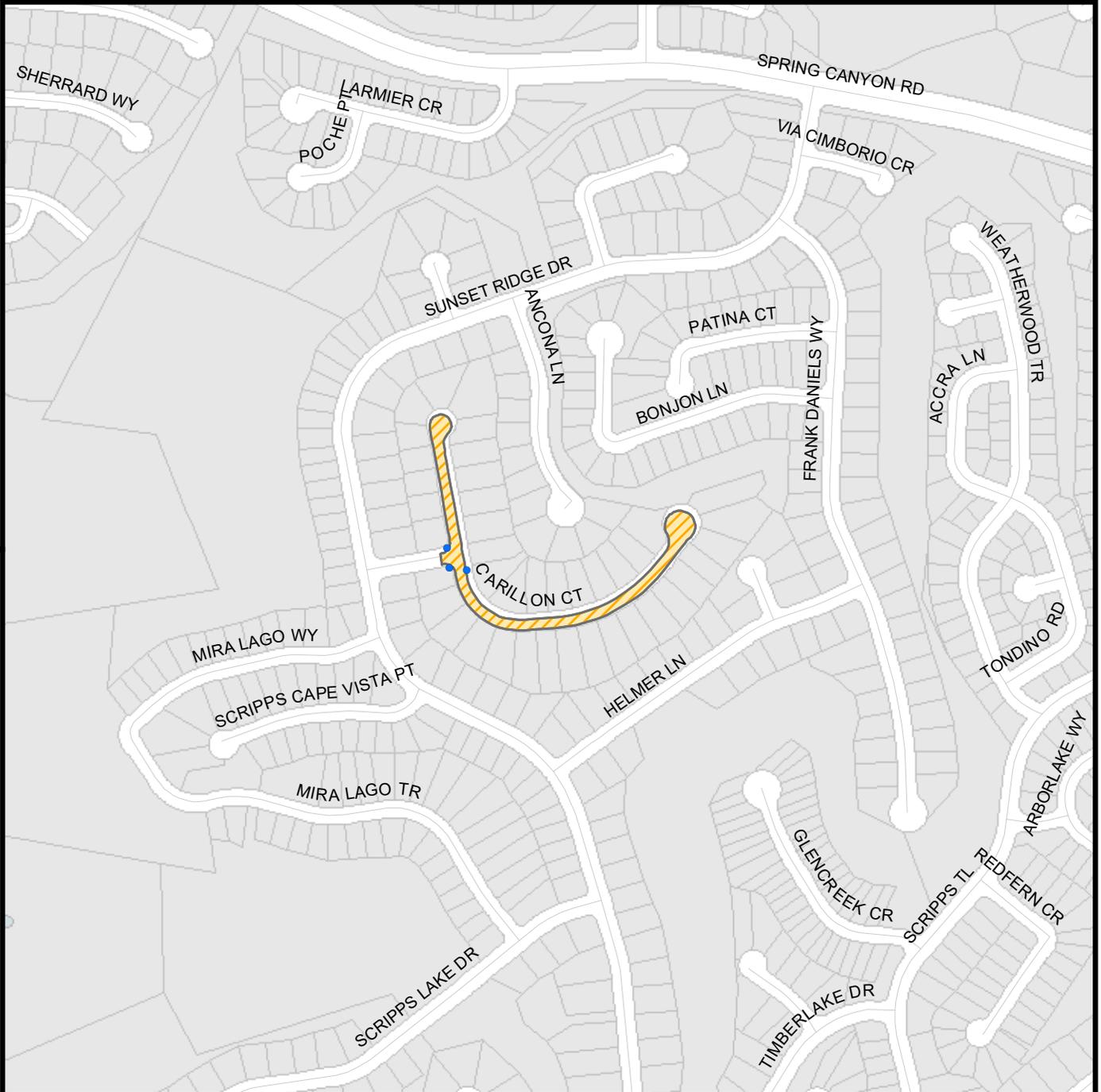
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Date: August 15, 2019

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Approx. AC Pavement Limits



Approx. Curb Ramp Locations



Approx. PCC Pavement Limits



NO SCALE



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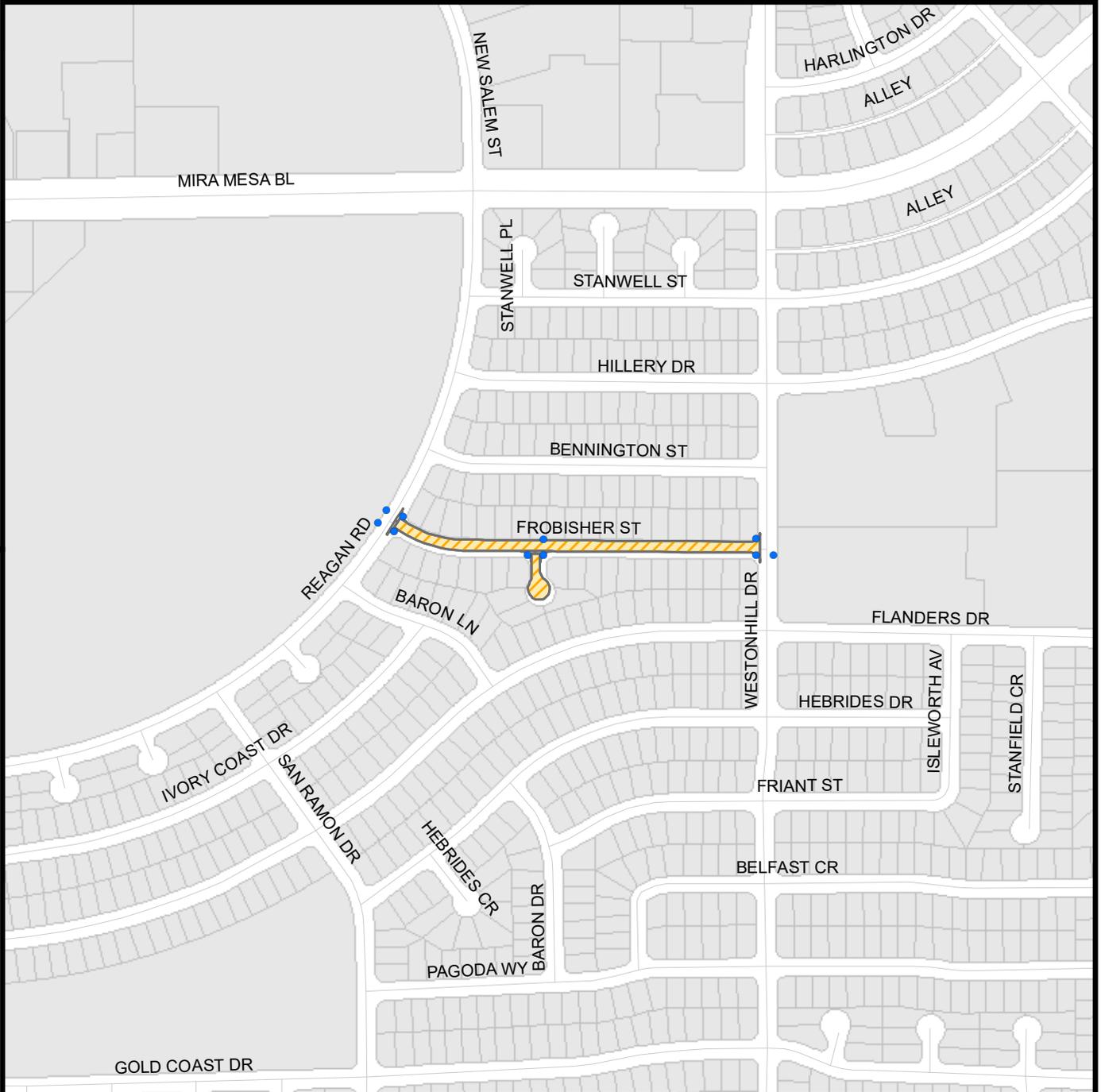
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- Approx. AC Pavement Limits
- Approx. Curb Ramp Locations
- Approx. PCC Pavement Limits

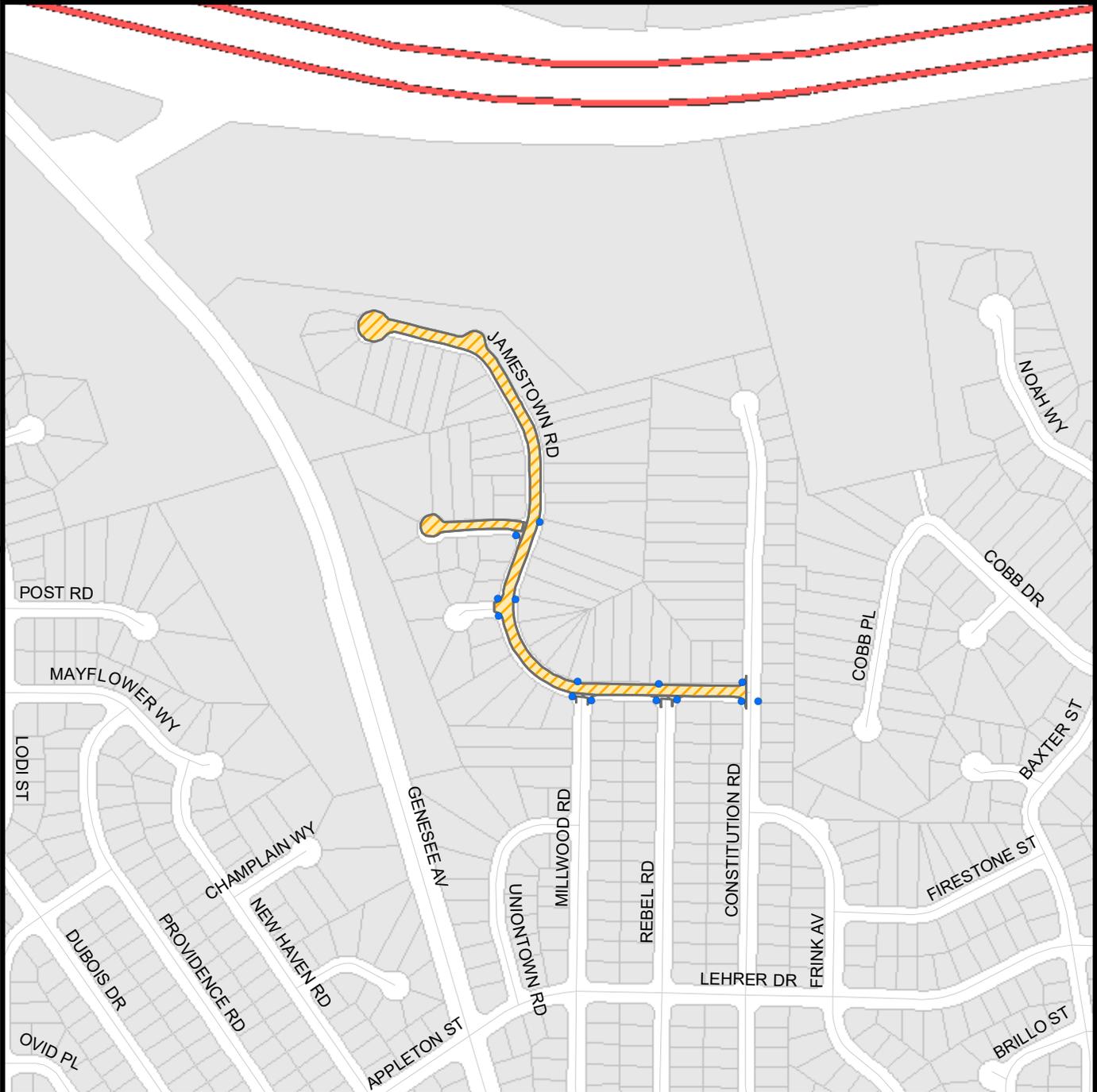


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- Approx. AC Pavement Limits
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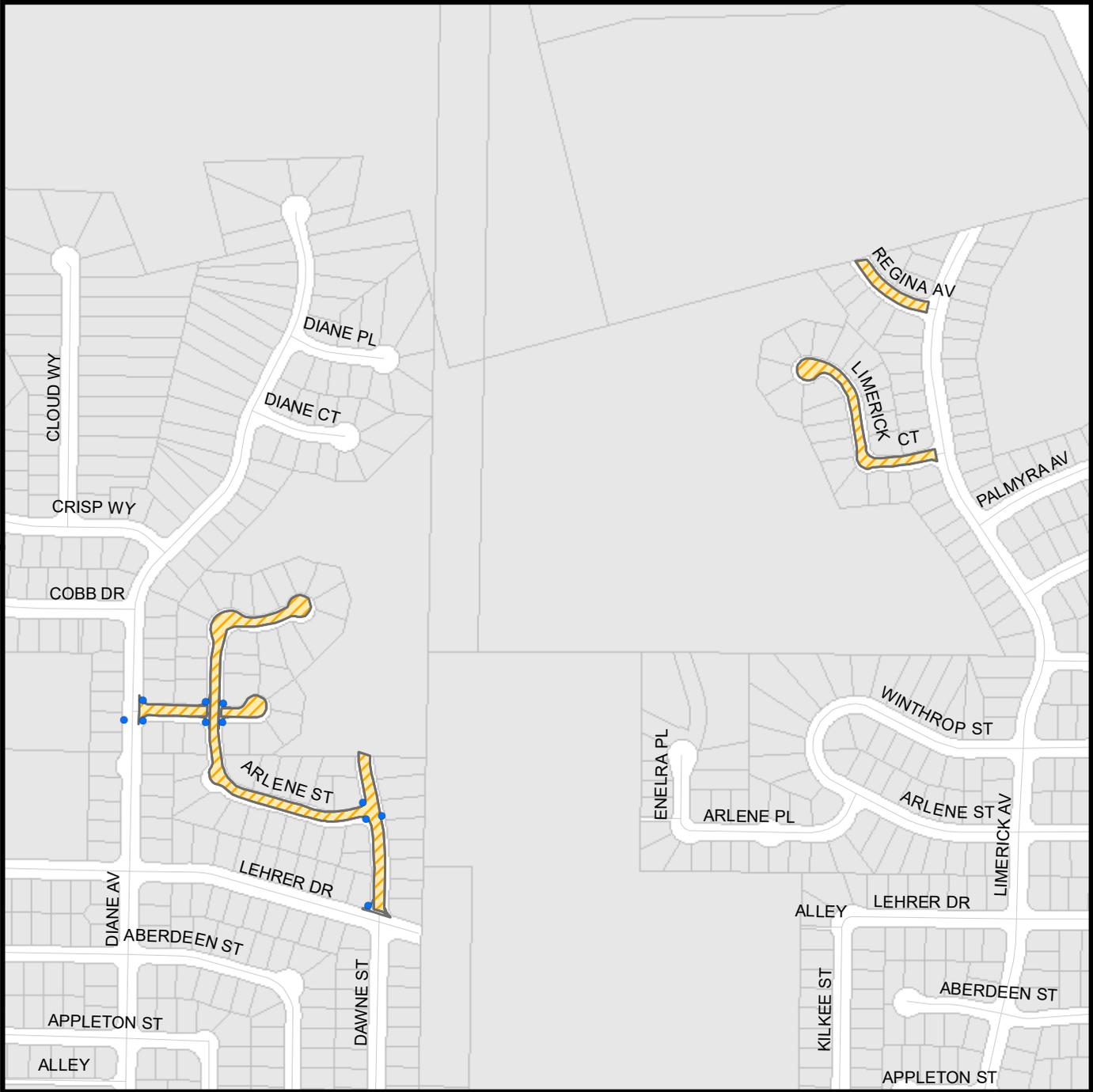


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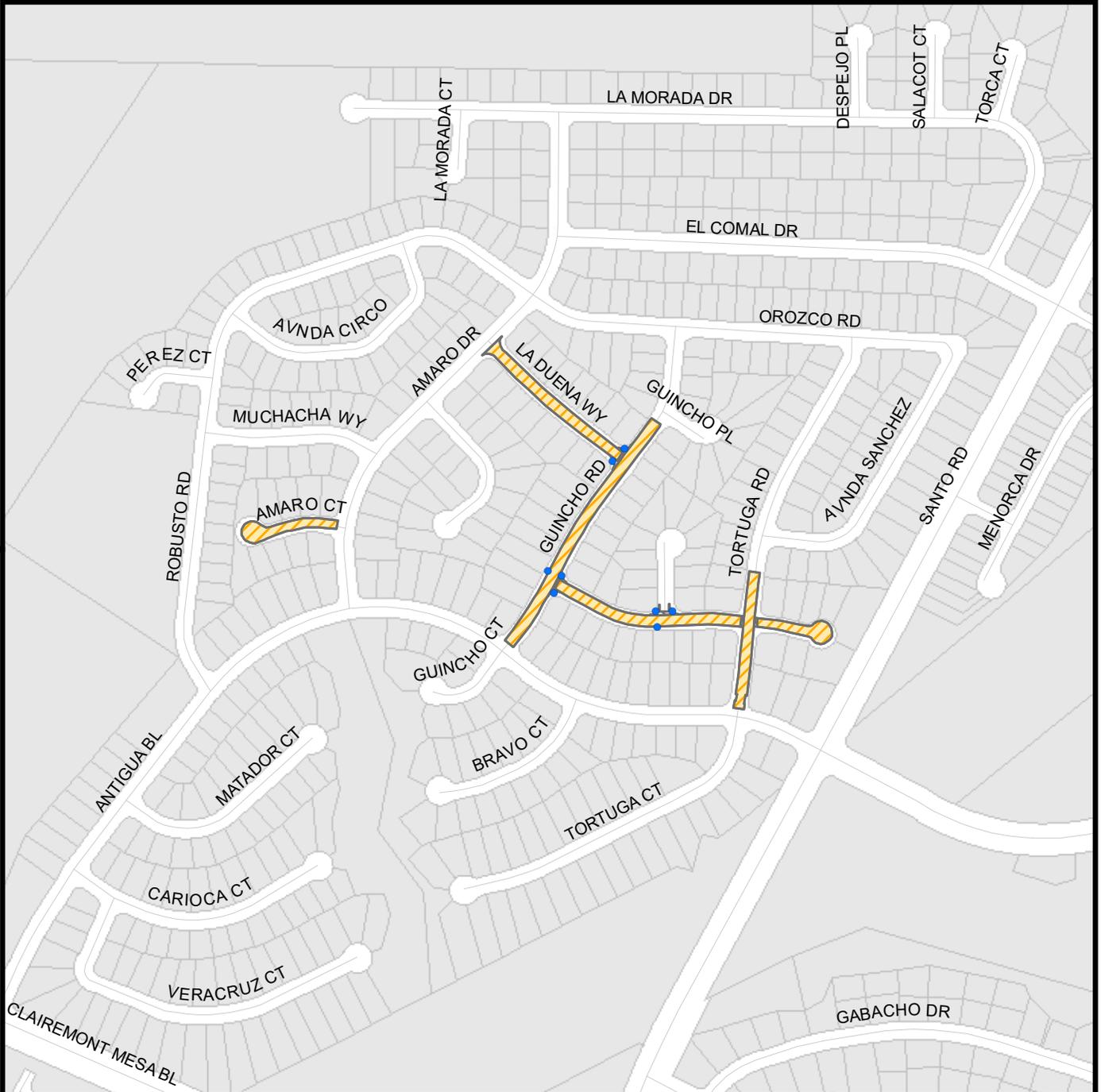
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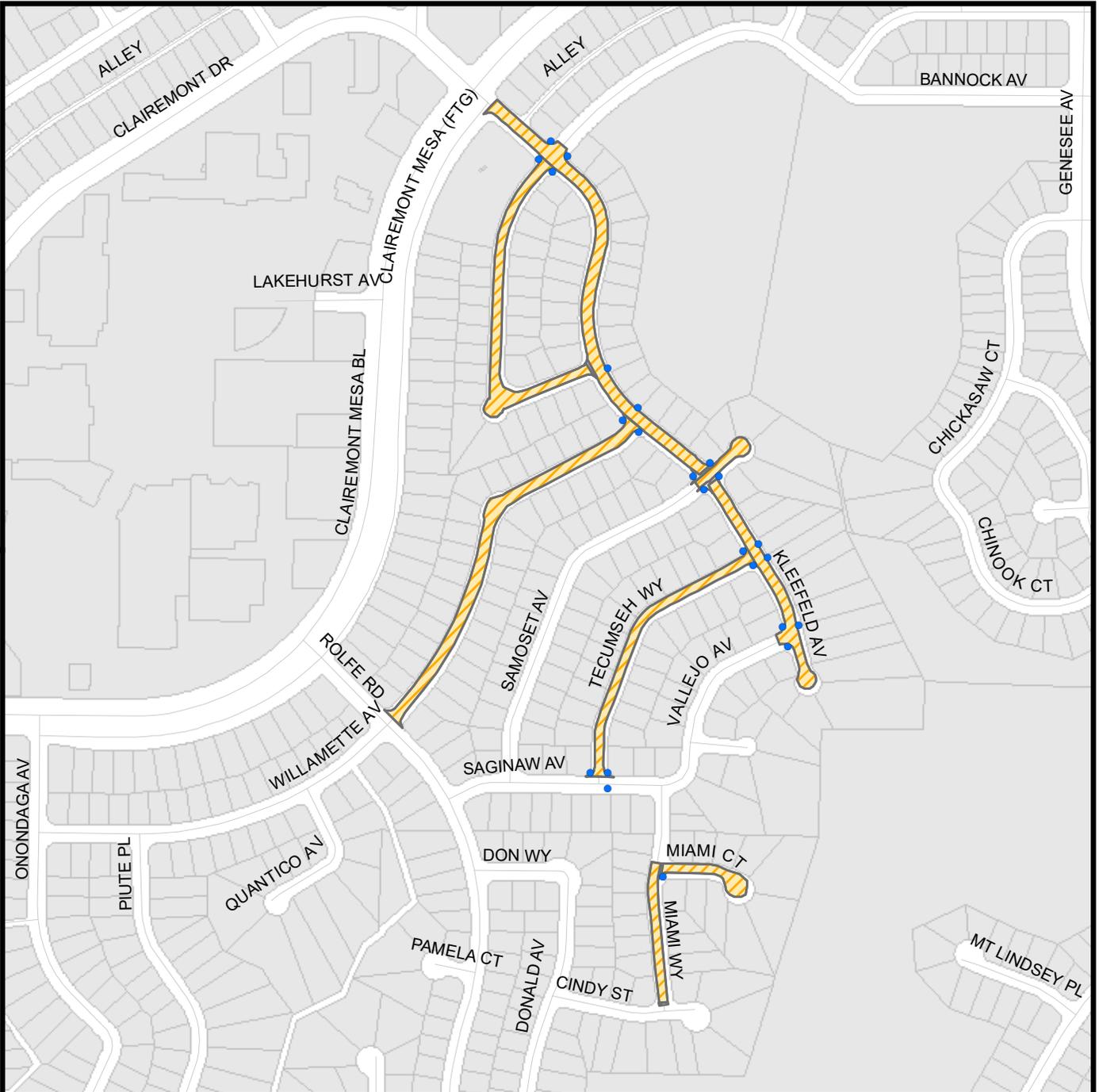
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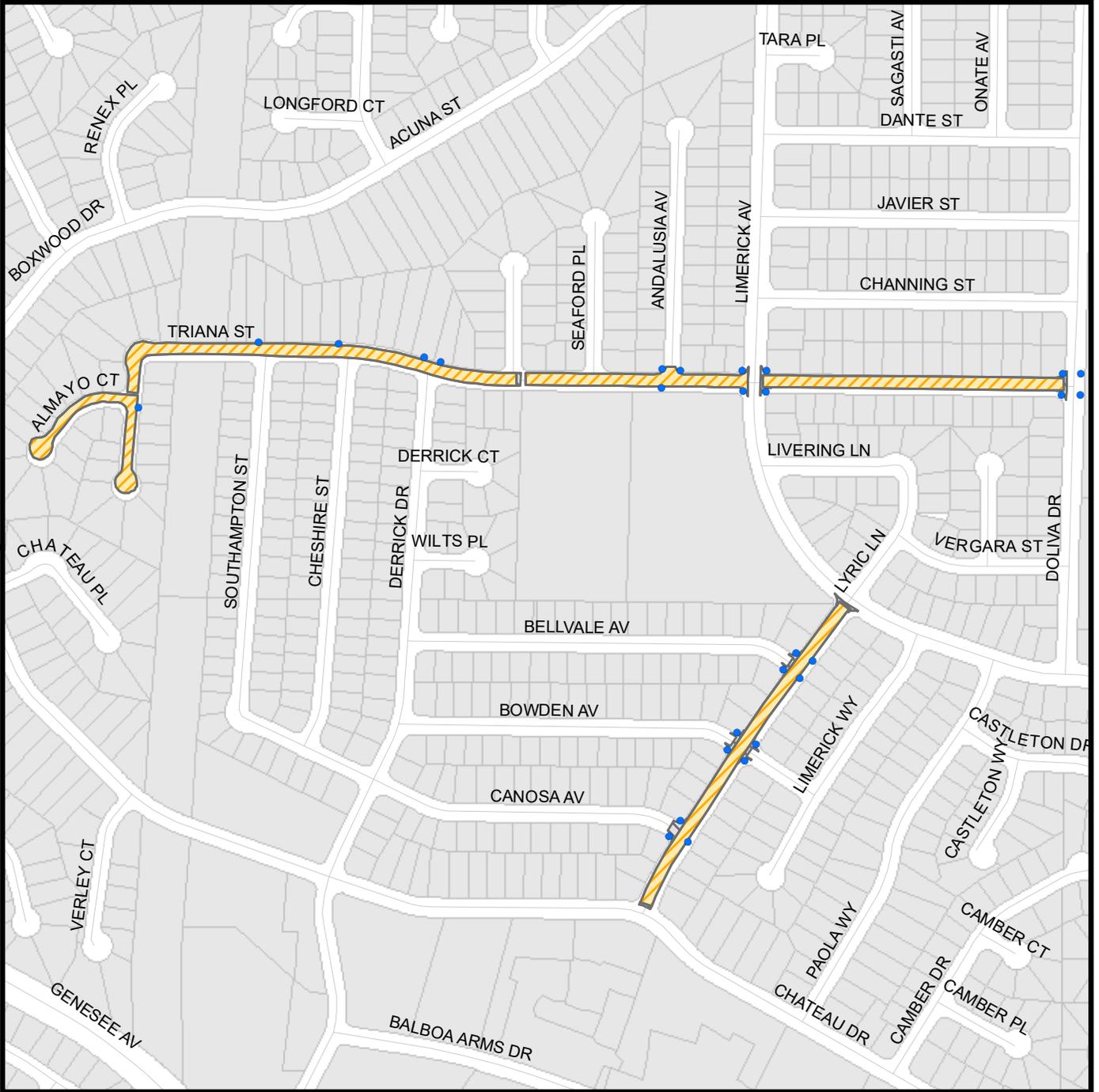
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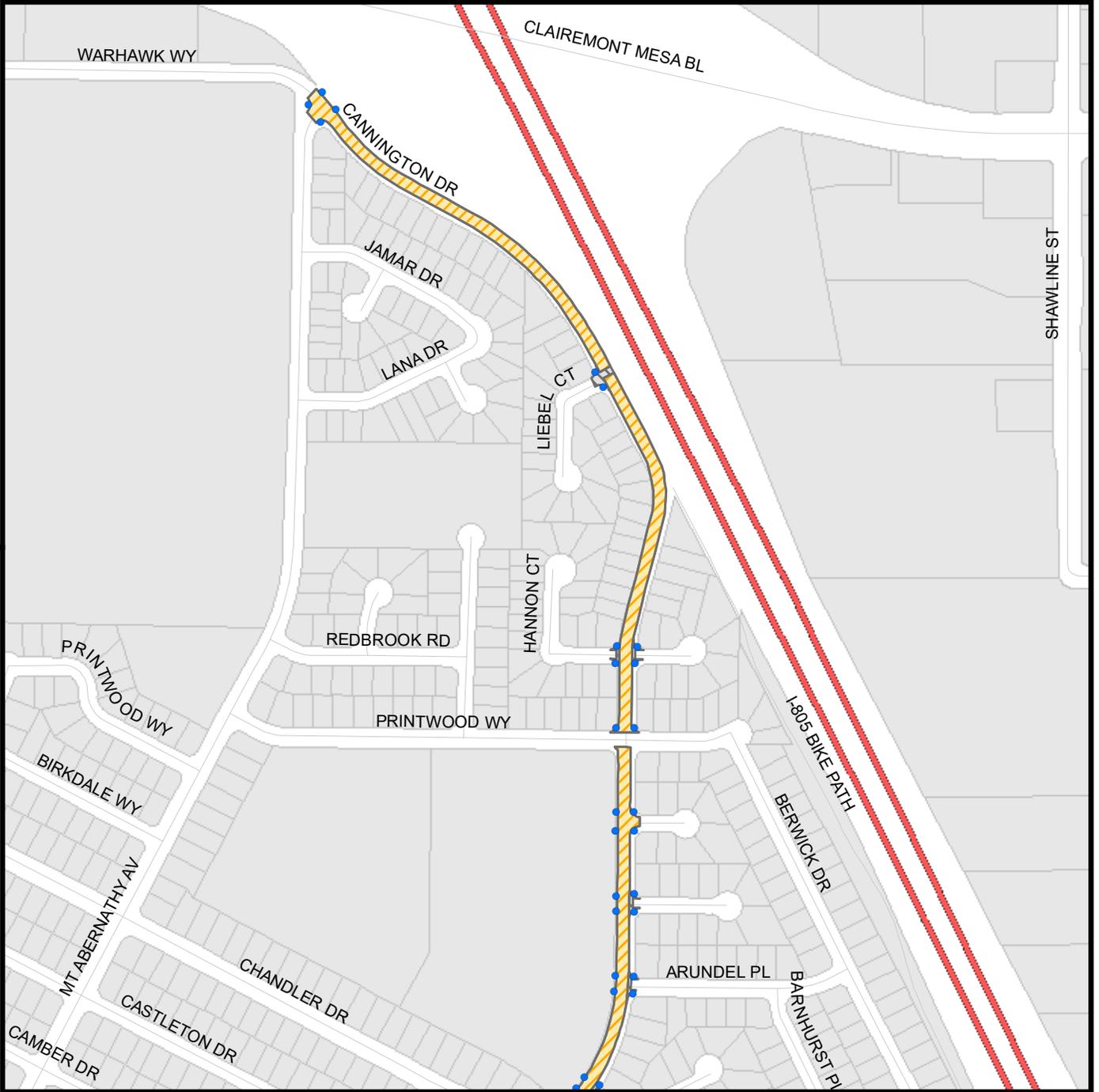


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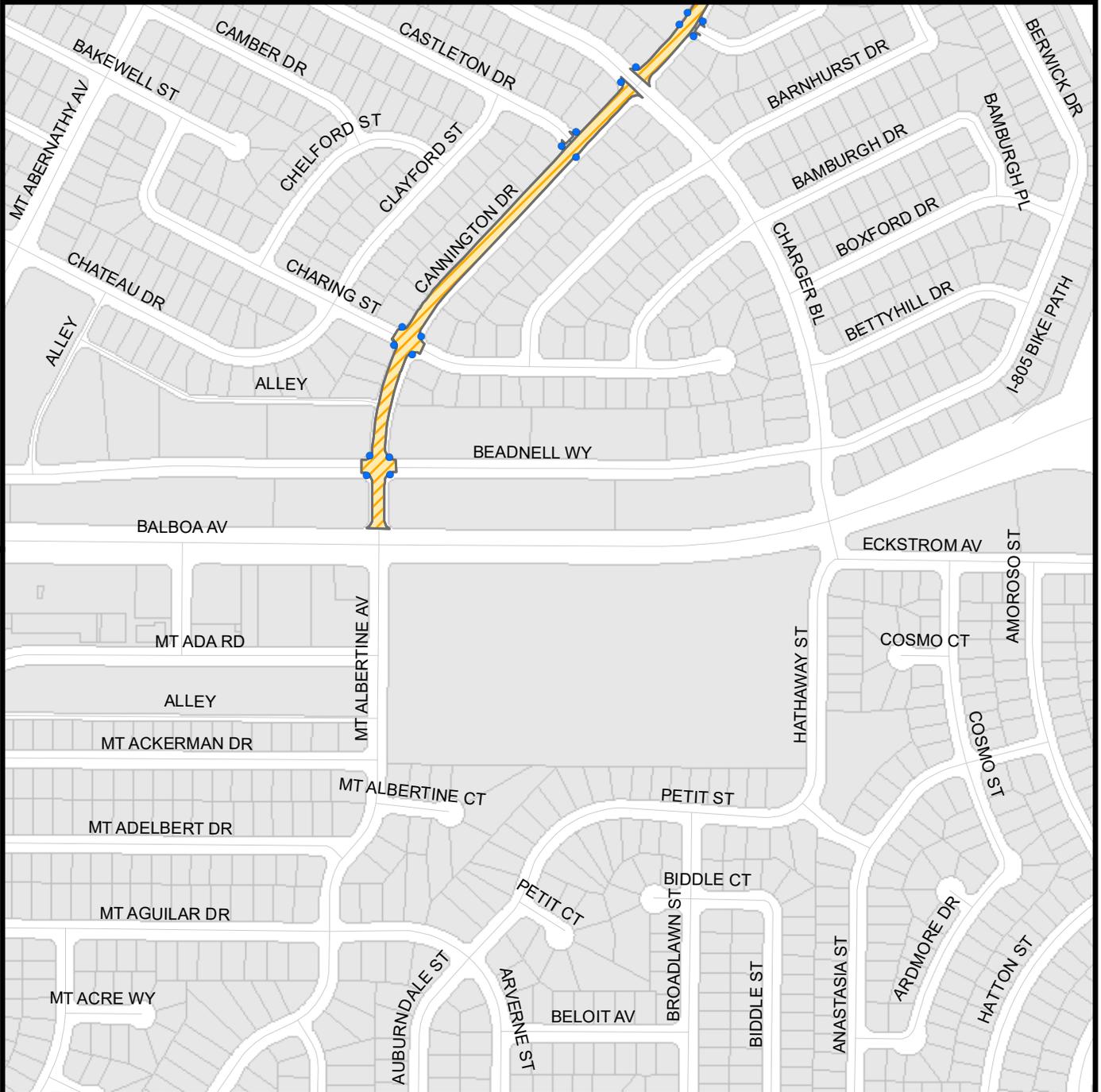
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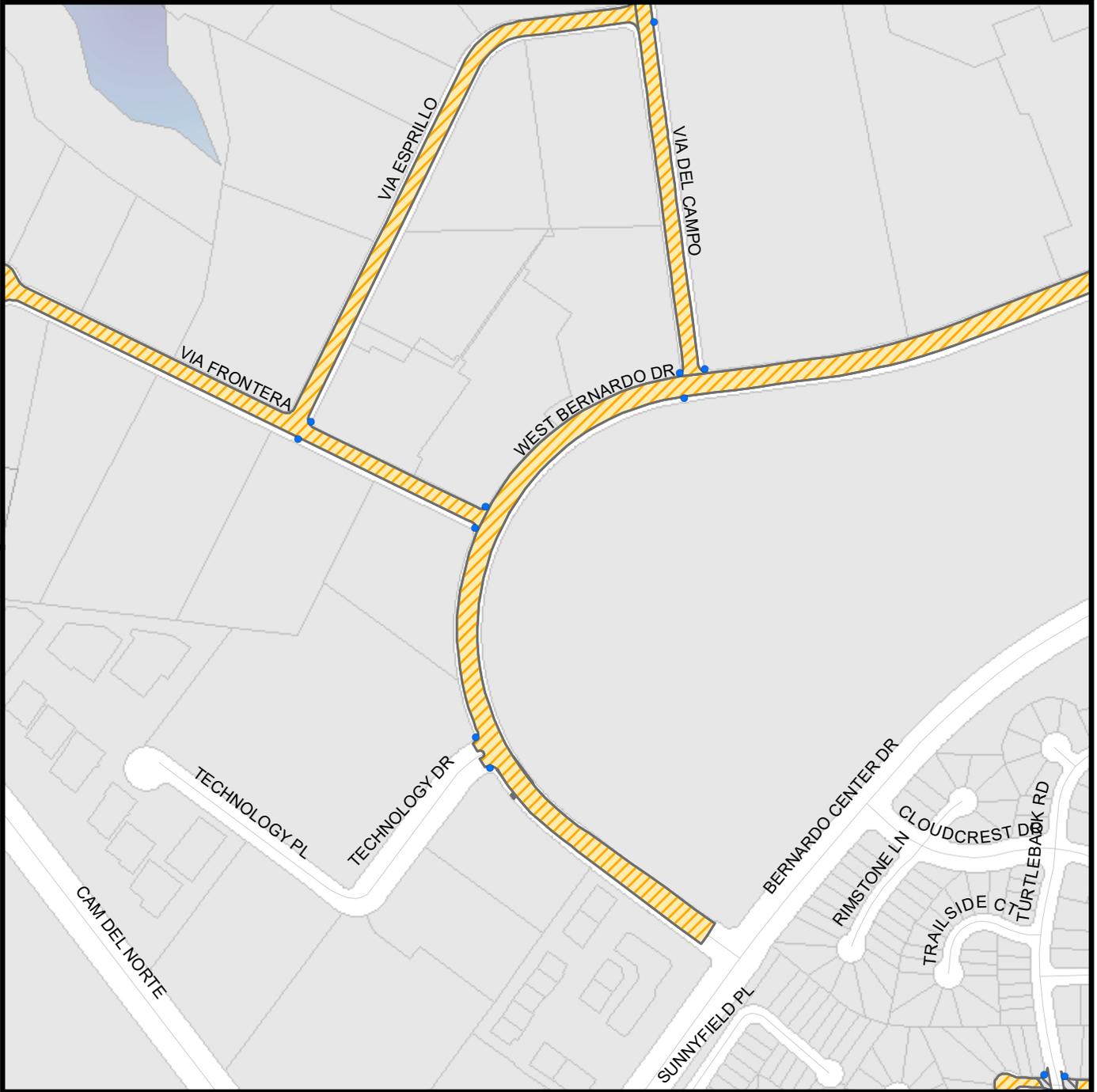


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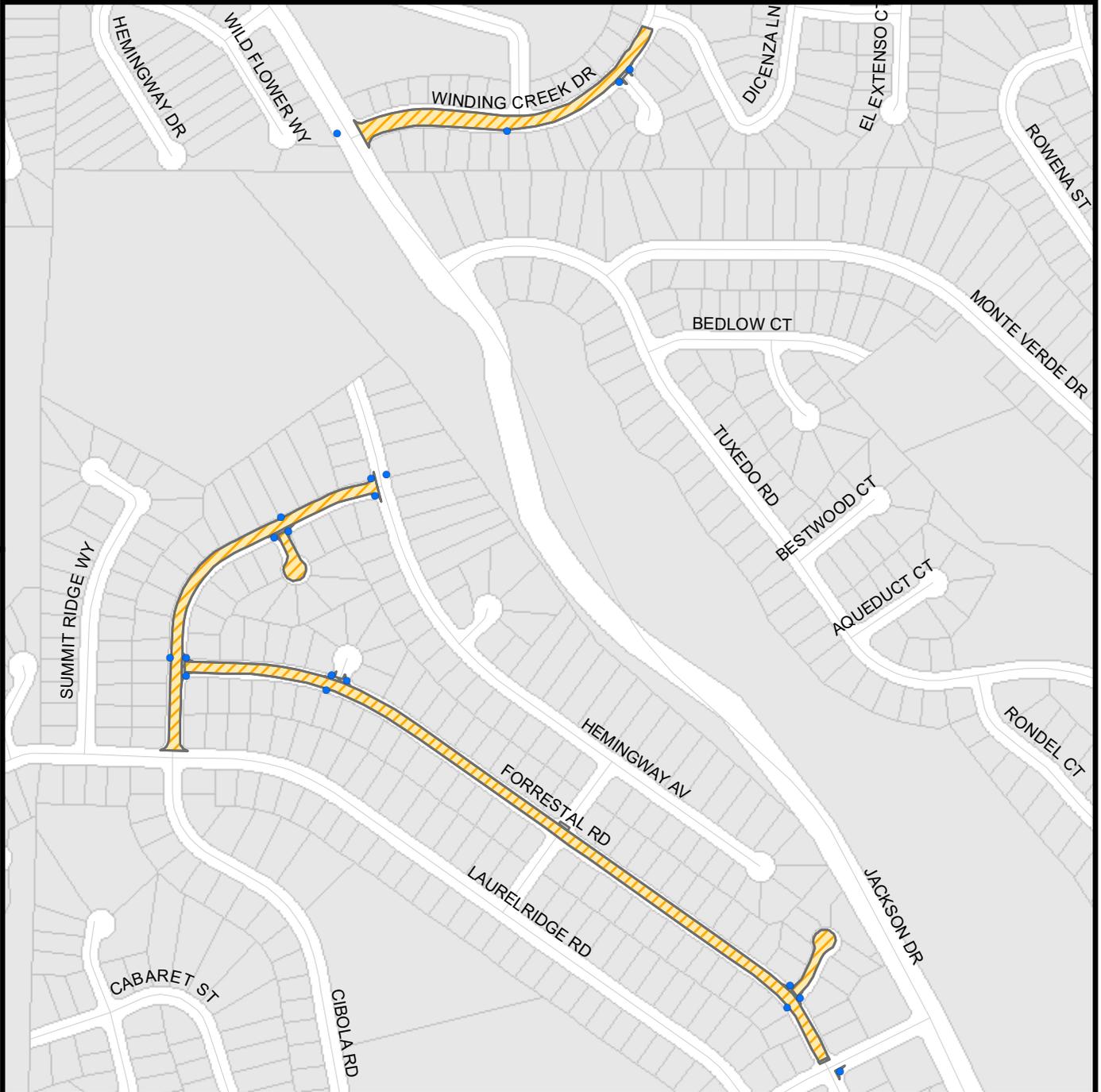


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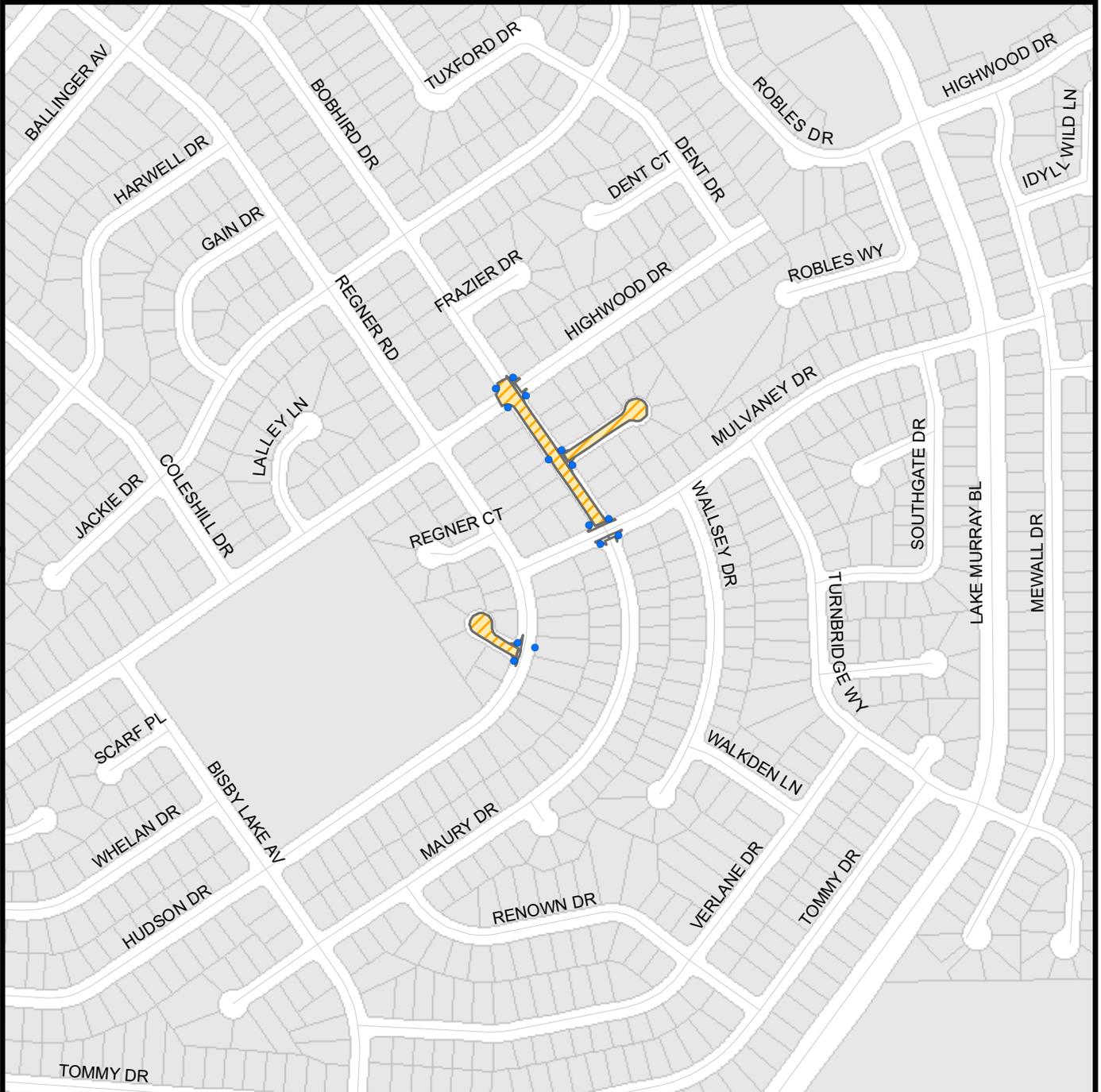


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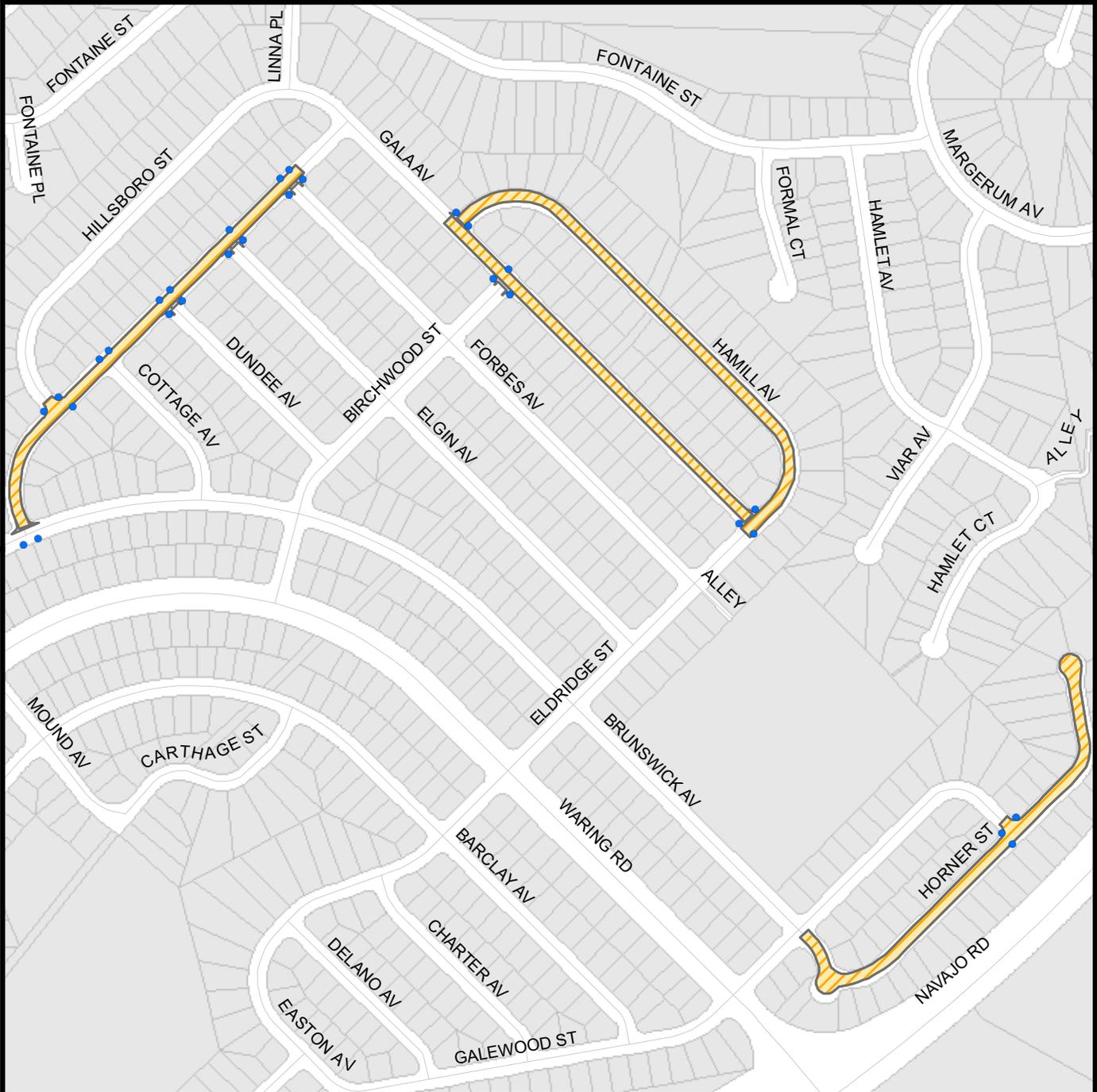
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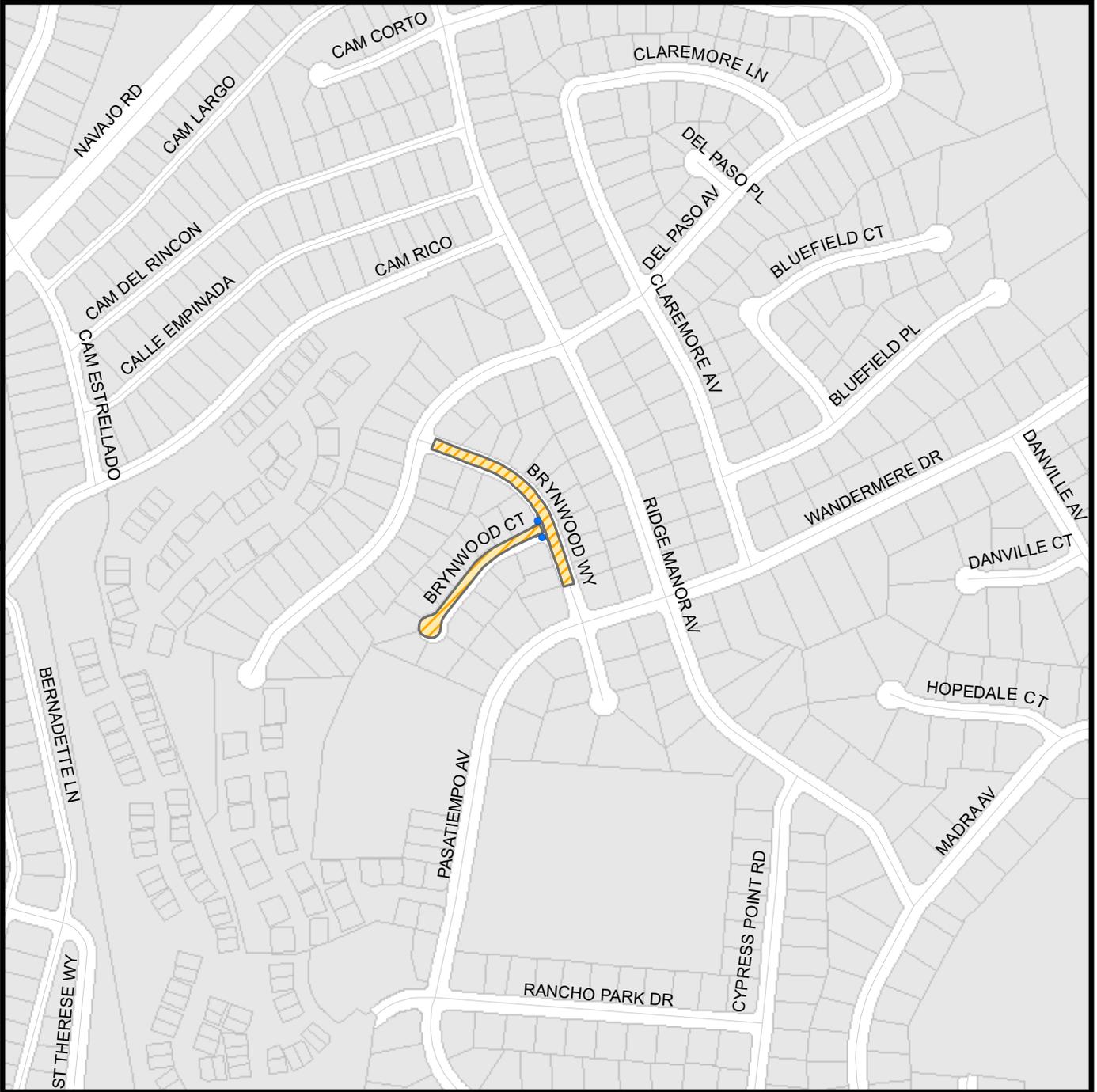
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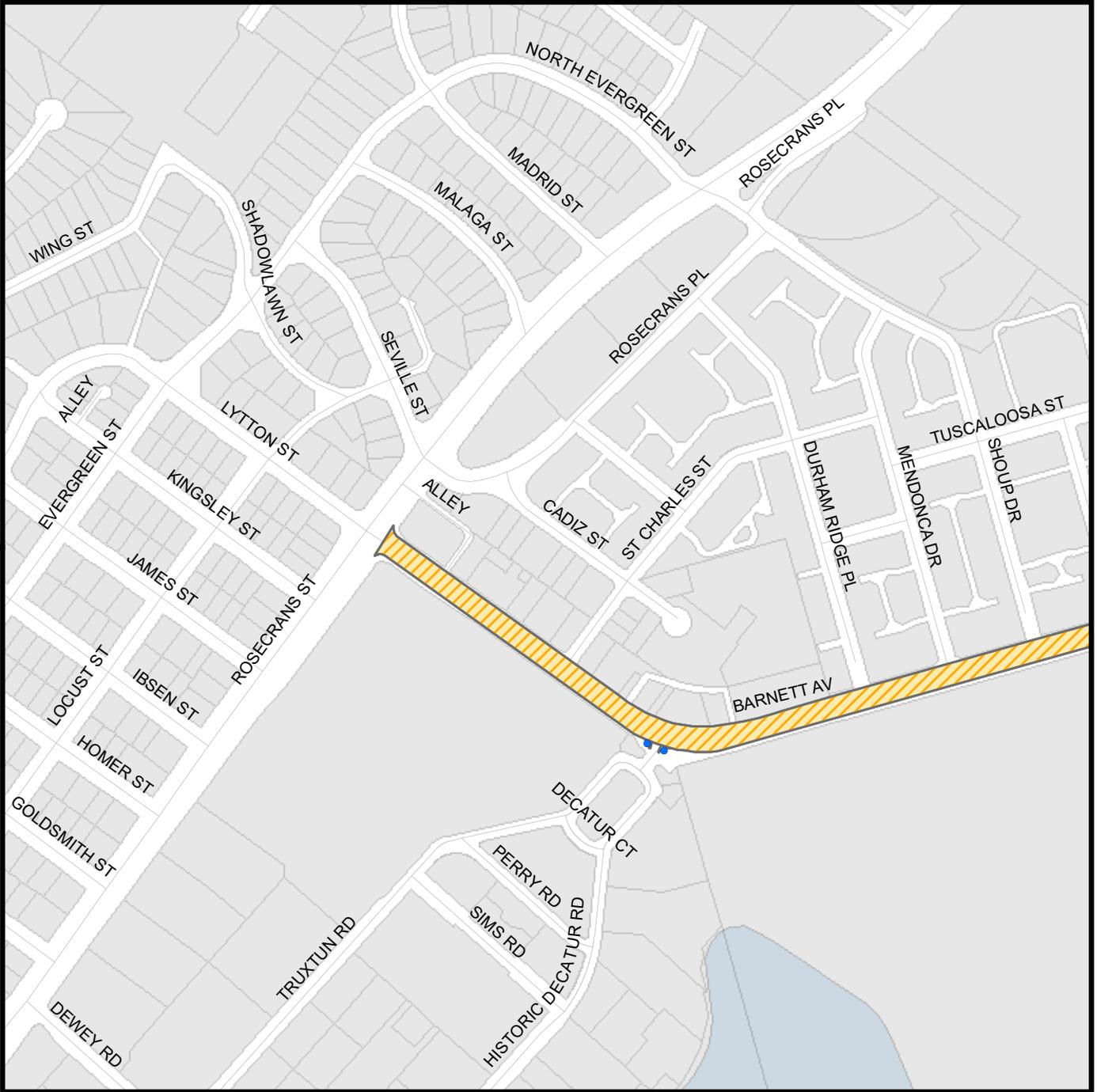
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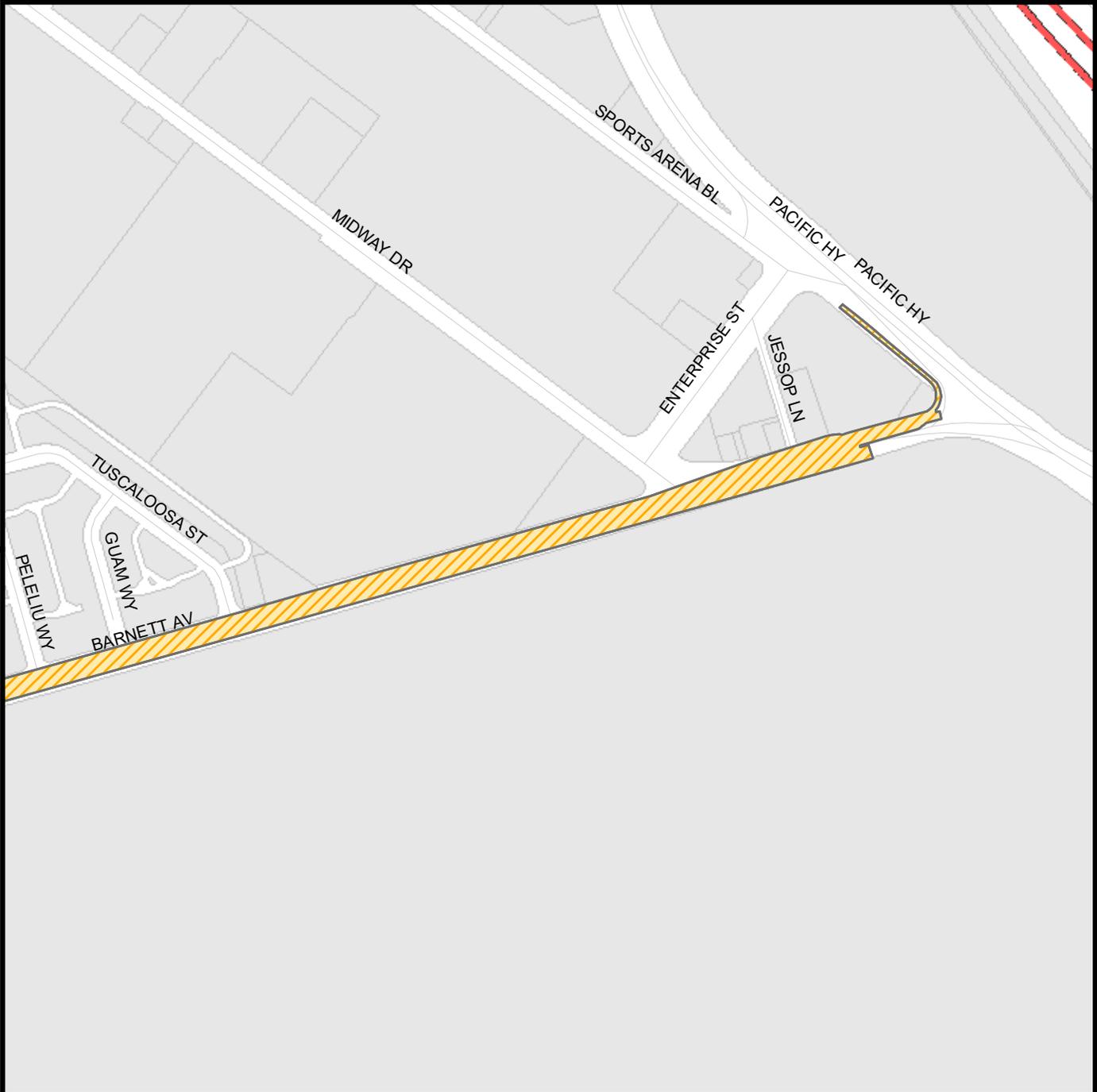
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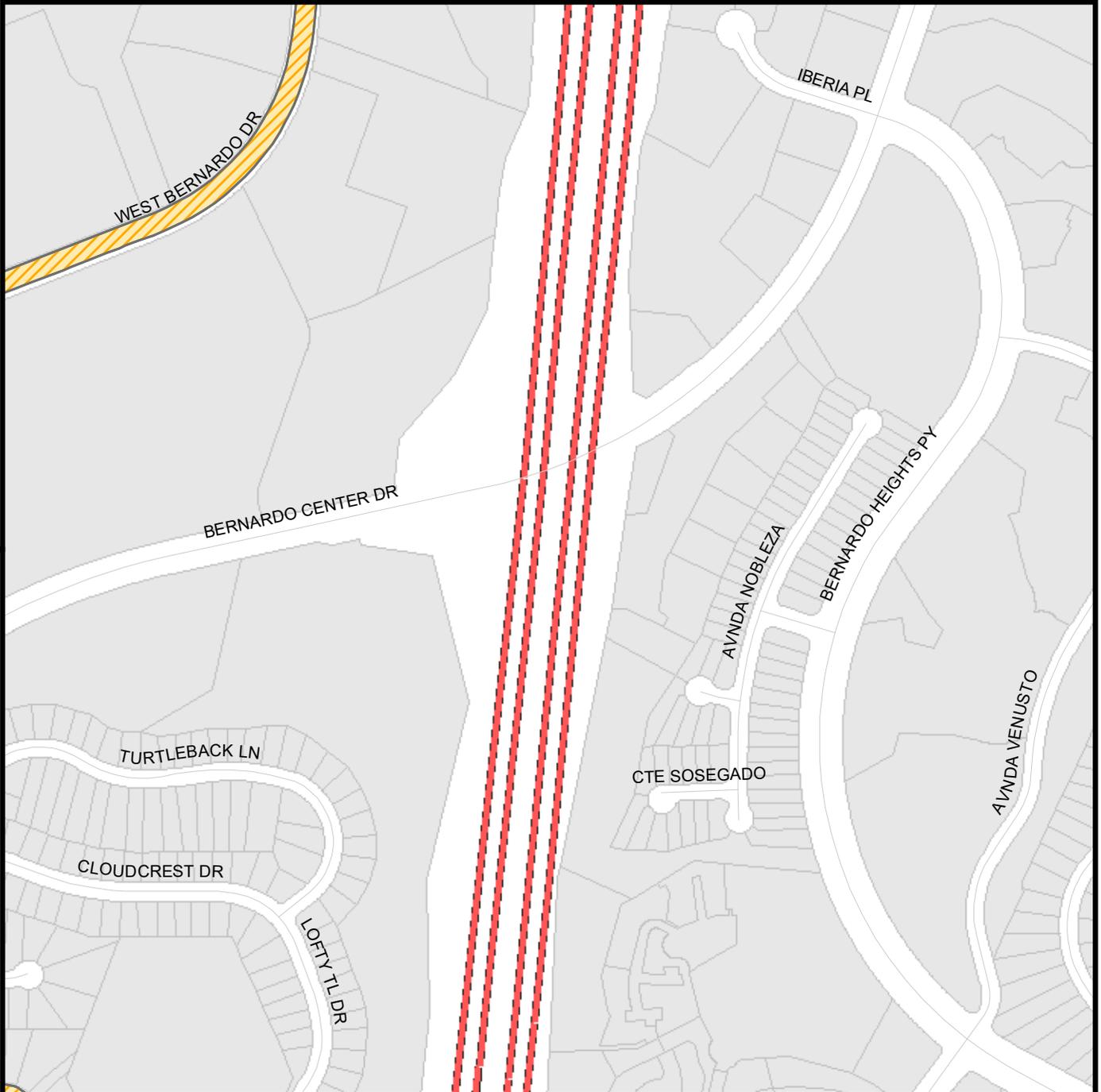
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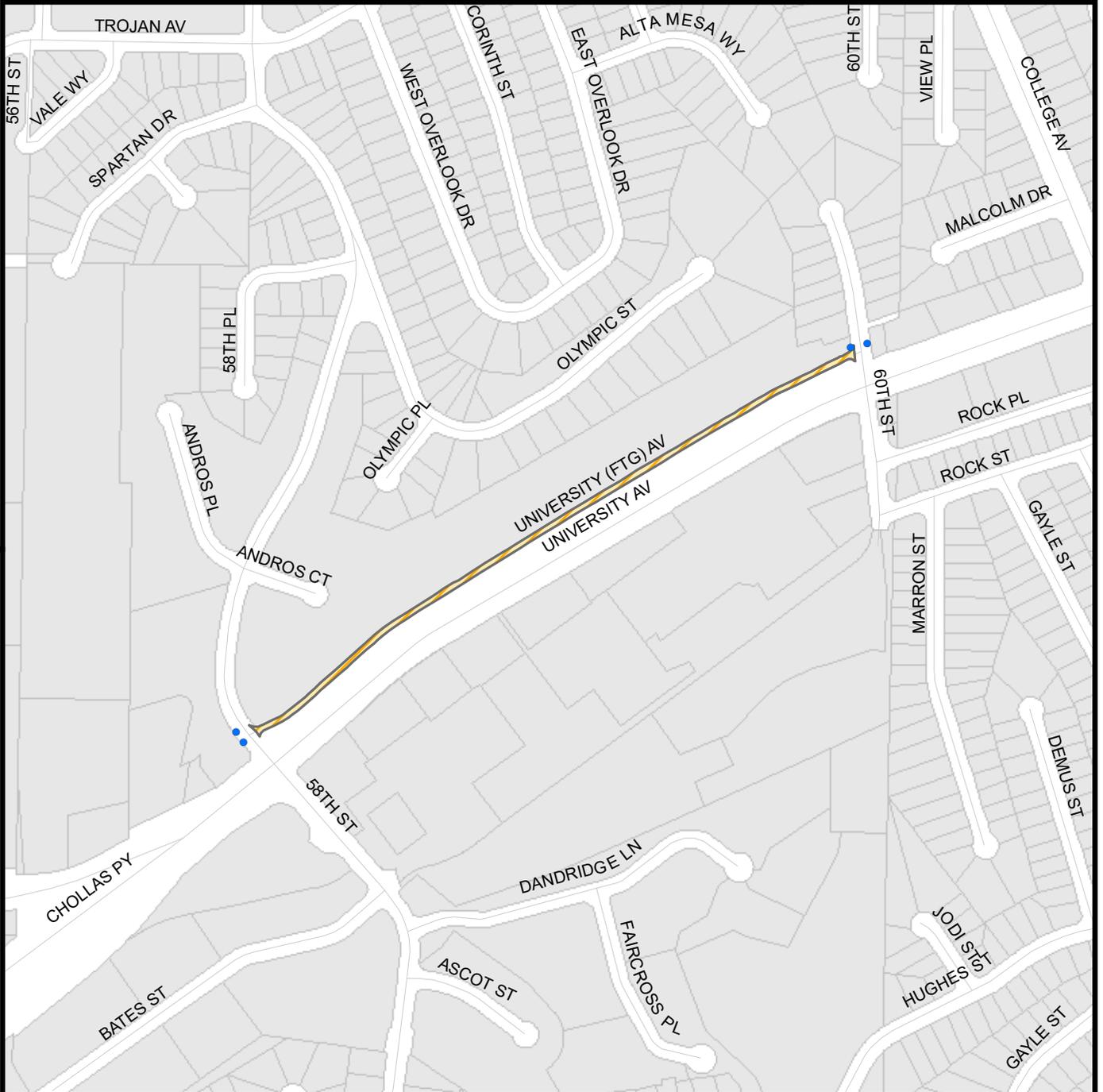
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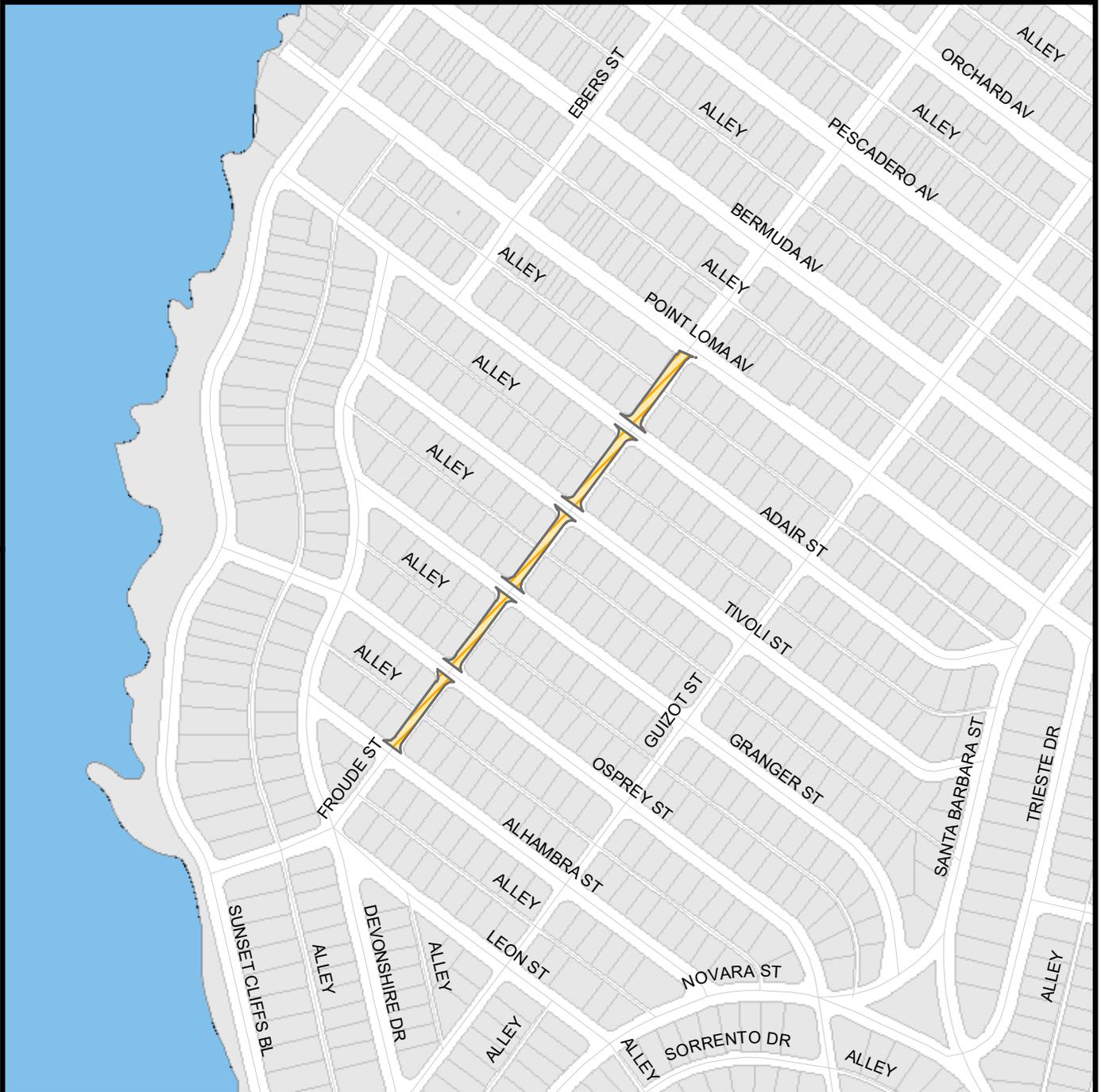
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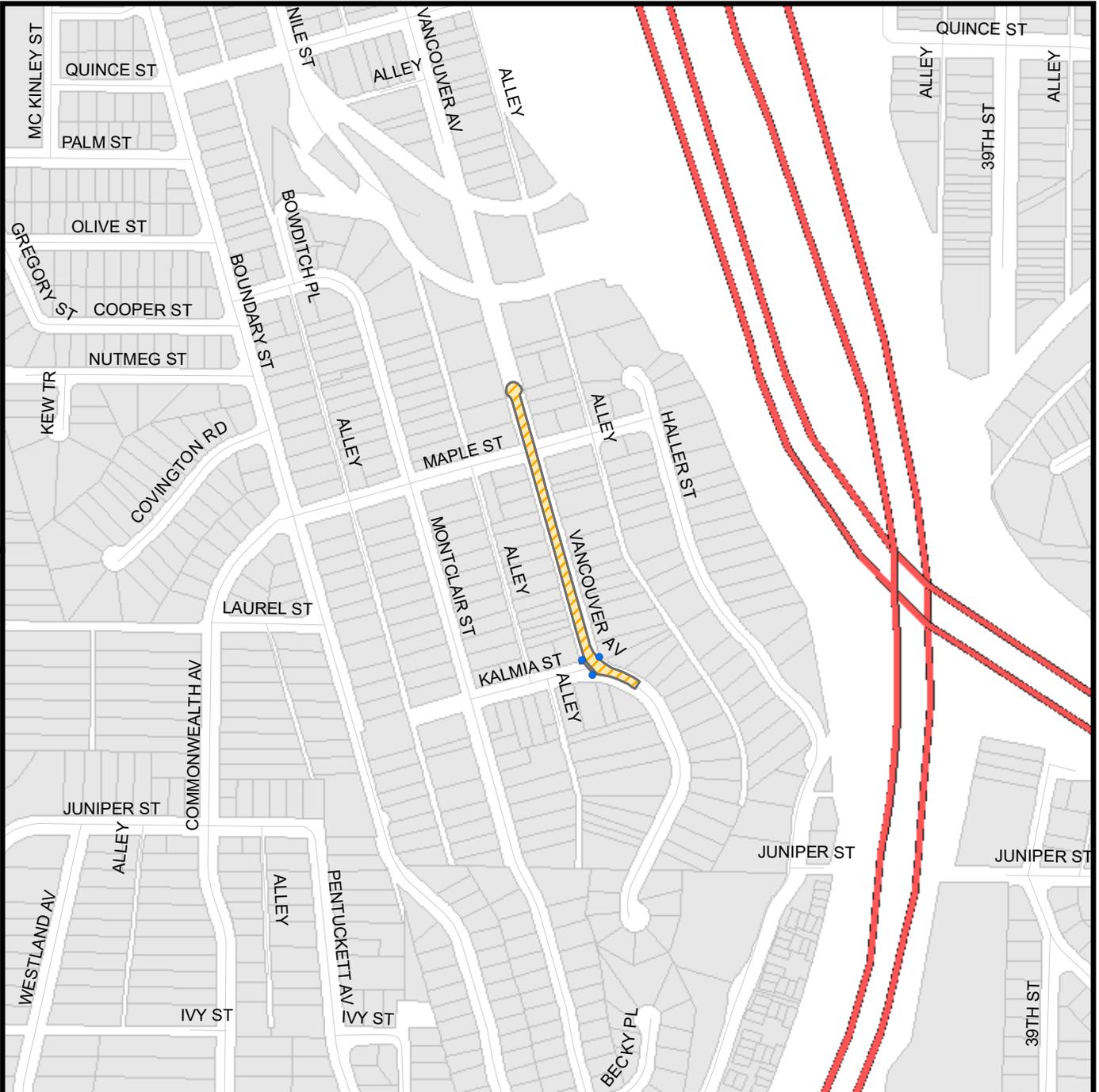
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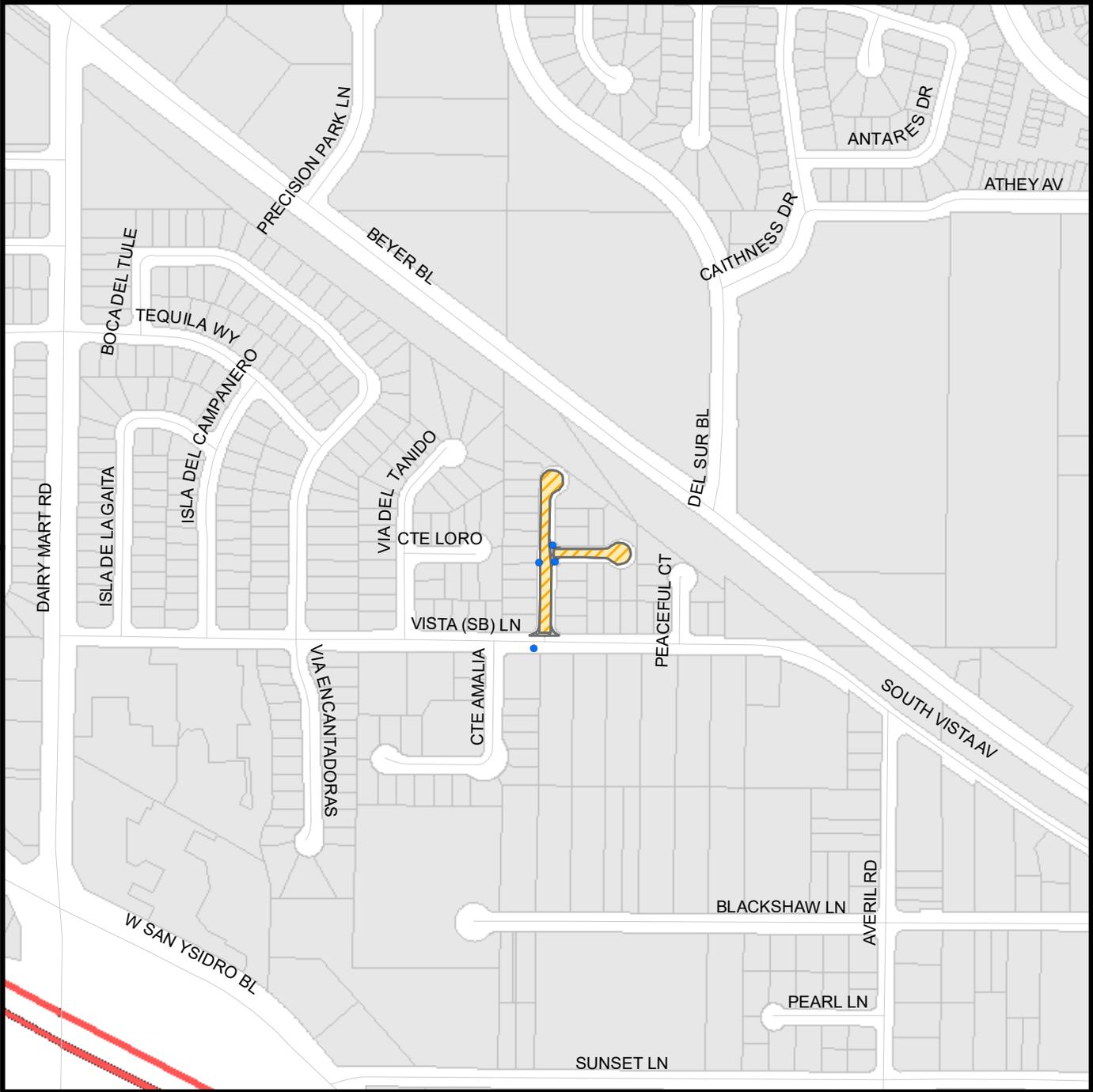
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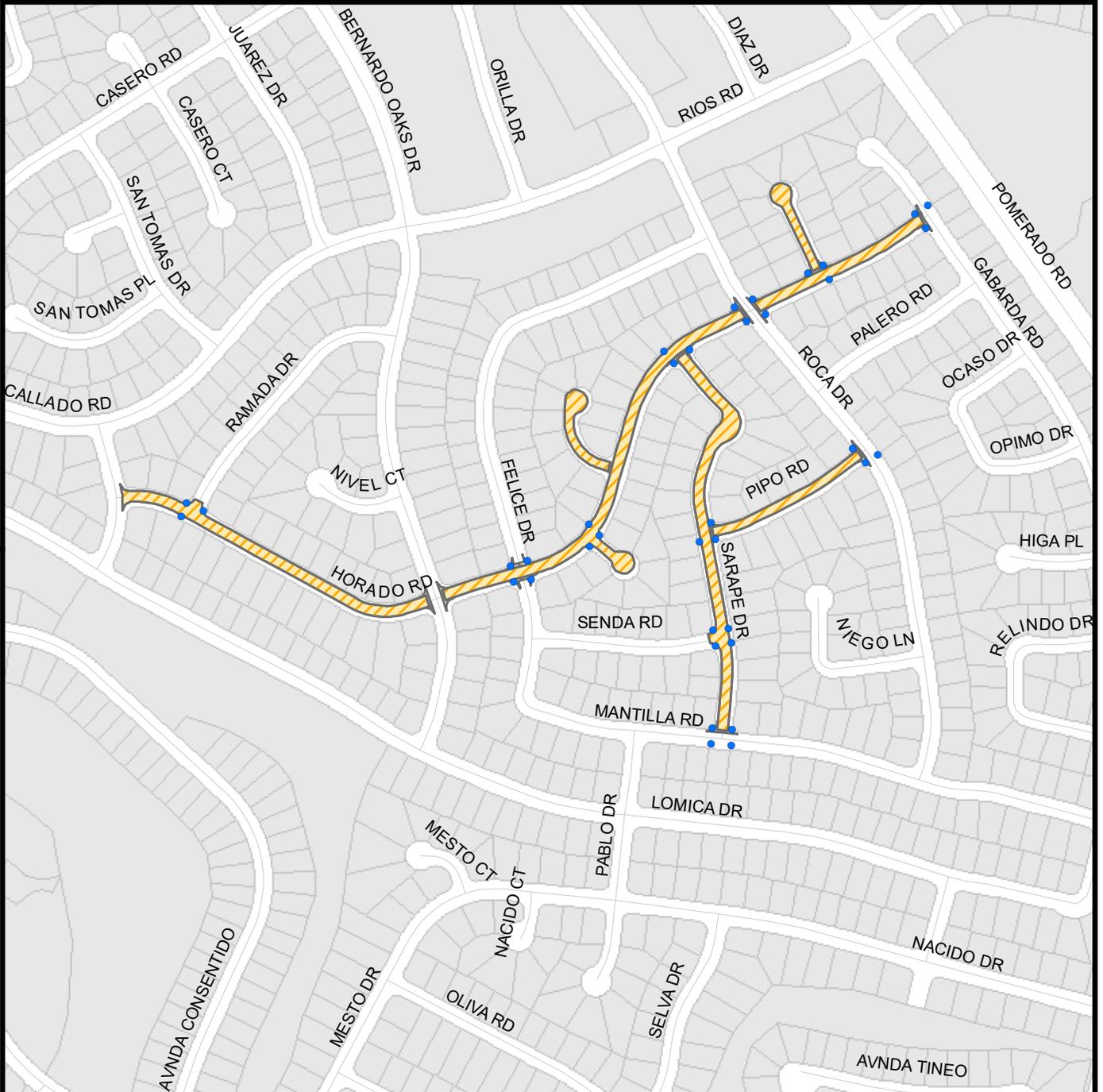
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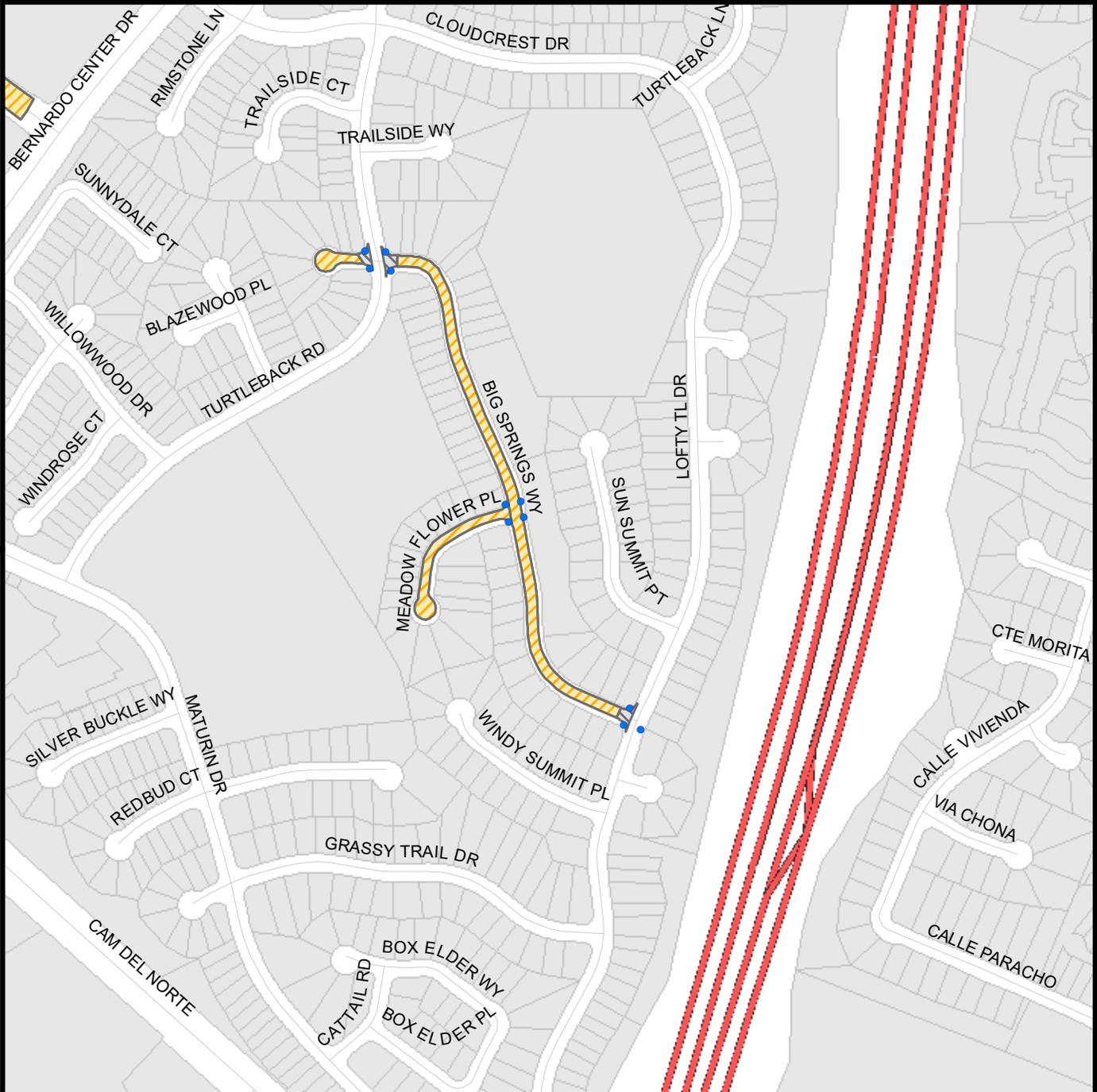
**Asphalt Resurfacing Group 1702**

SENIOR ENGINEER  
Joshua Lahman  
619-527-7509

PROJECT MANAGER  
Chris Hudson  
619-527-8081

PROJECT ENGINEER  
Ottone Amore  
619-527-8091

CONSTRUCTION PROJECT  
INFORMATION LINE  
(619) 533-4207



- Approx. AC Pavement Limits
- Approx. Curb Ramp Locations
- Approx. PCC Pavement Limits



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**Asphalt Resurfacing Group 1702**

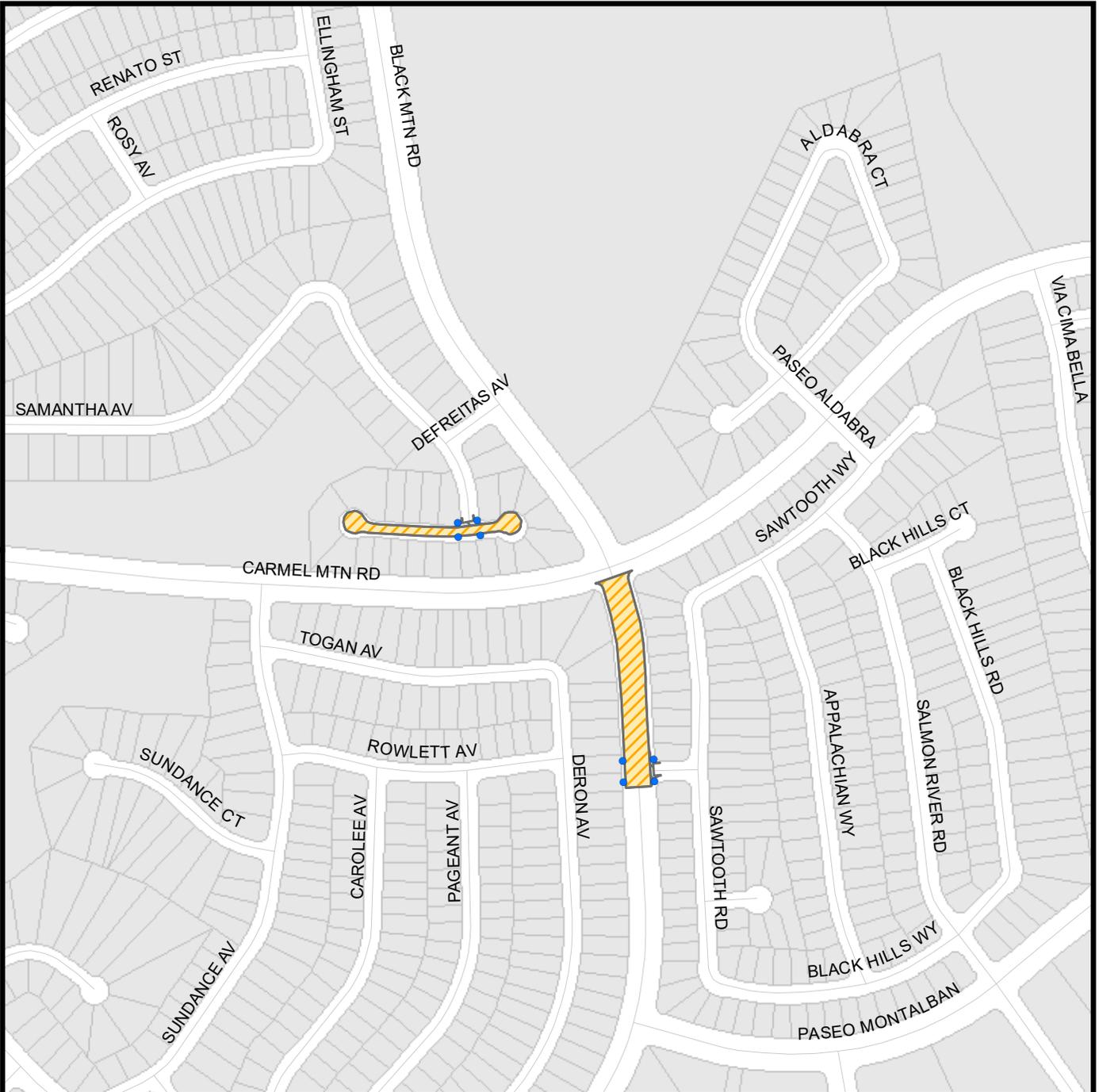
Date: August 15, 2019

SENIOR ENGINEER  
Joshua Lahman  
619-527-7509

PROJECT MANAGER  
Chris Hudson  
619-527-8081

PROJECT ENGINEER  
Ottone Amore  
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Approx. AC Pavement Limits



Approx. Curb Ramp Locations



Approx. PCC Pavement Limits



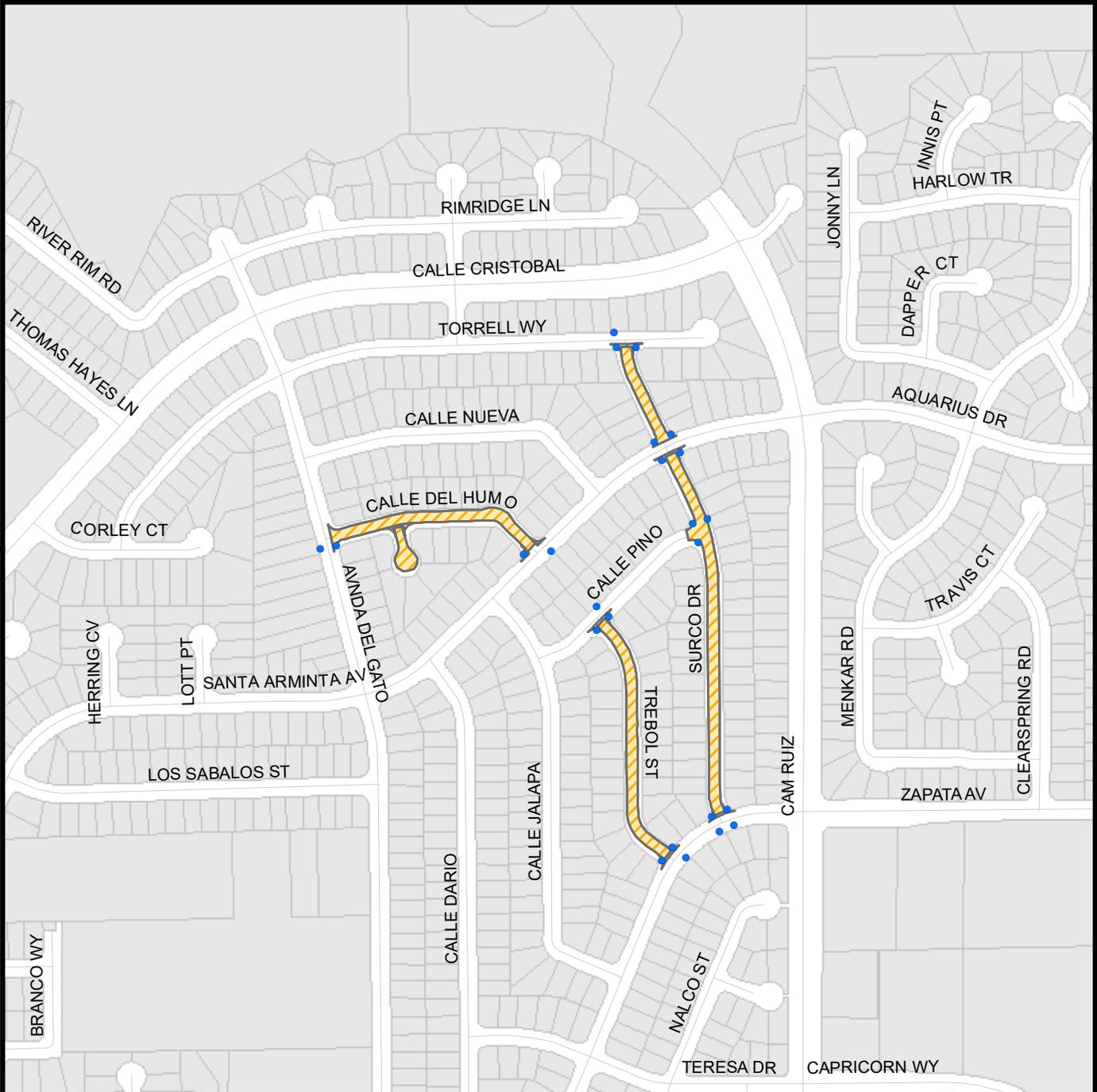
NO SCALE



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**Asphalt Resurfacing Group 1702**

|  |   |  |  |
|--|---|--|--|
| SENIOR ENGINEER<br>Joshua Lahman<br>619-527-7509 | PROJECT MANAGER<br>Chris Hudson<br>619-527-8081 | PROJECT ENGINEER<br>Ottone Amore<br>619-527-8091 | CONSTRUCTION PROJECT<br>INFORMATION LINE<br>(619) 533-4207 |
|--|---|--|--|



- Approx. AC Pavement Limits
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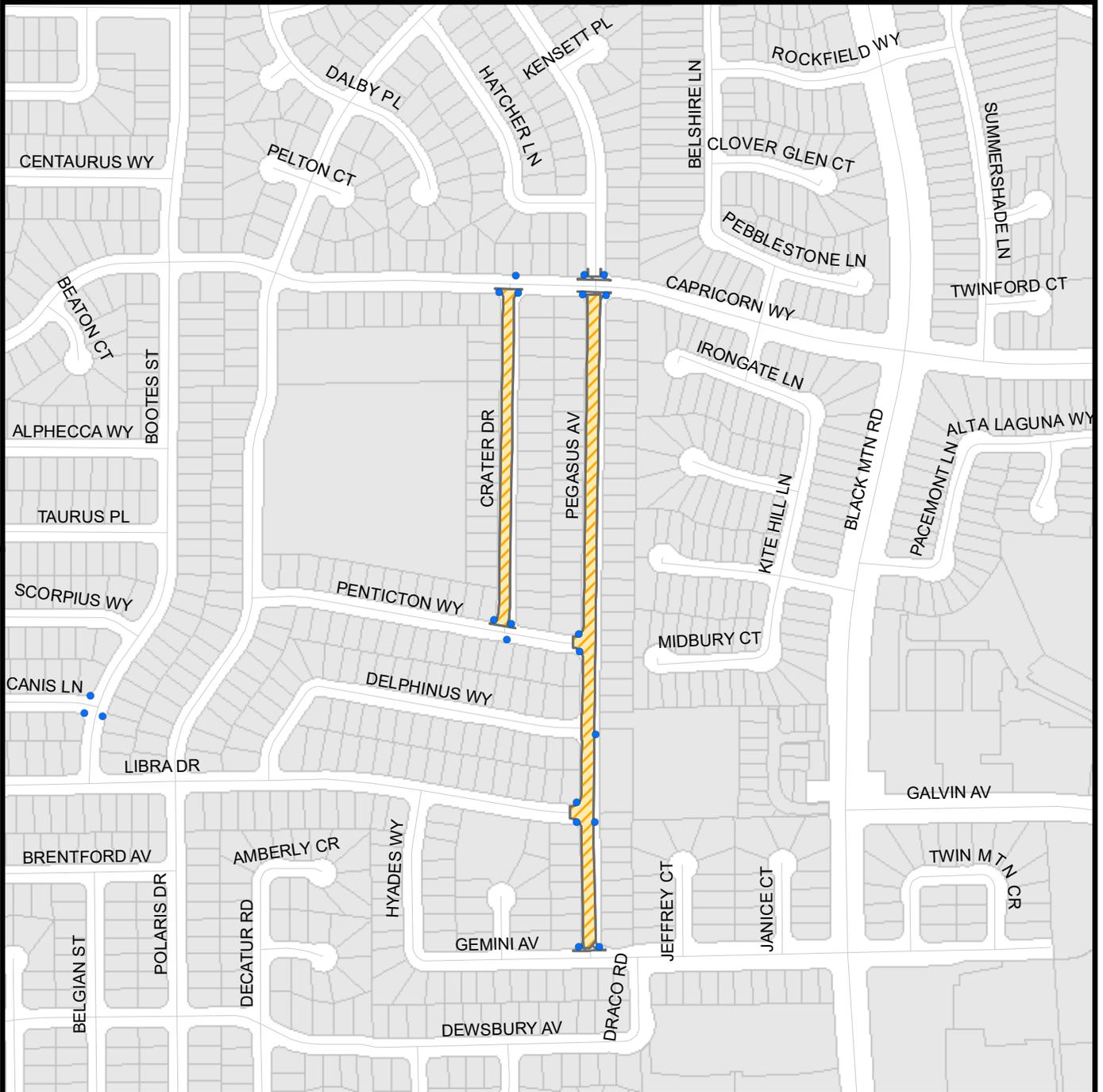
**Asphalt Resurfacing Group 1702**

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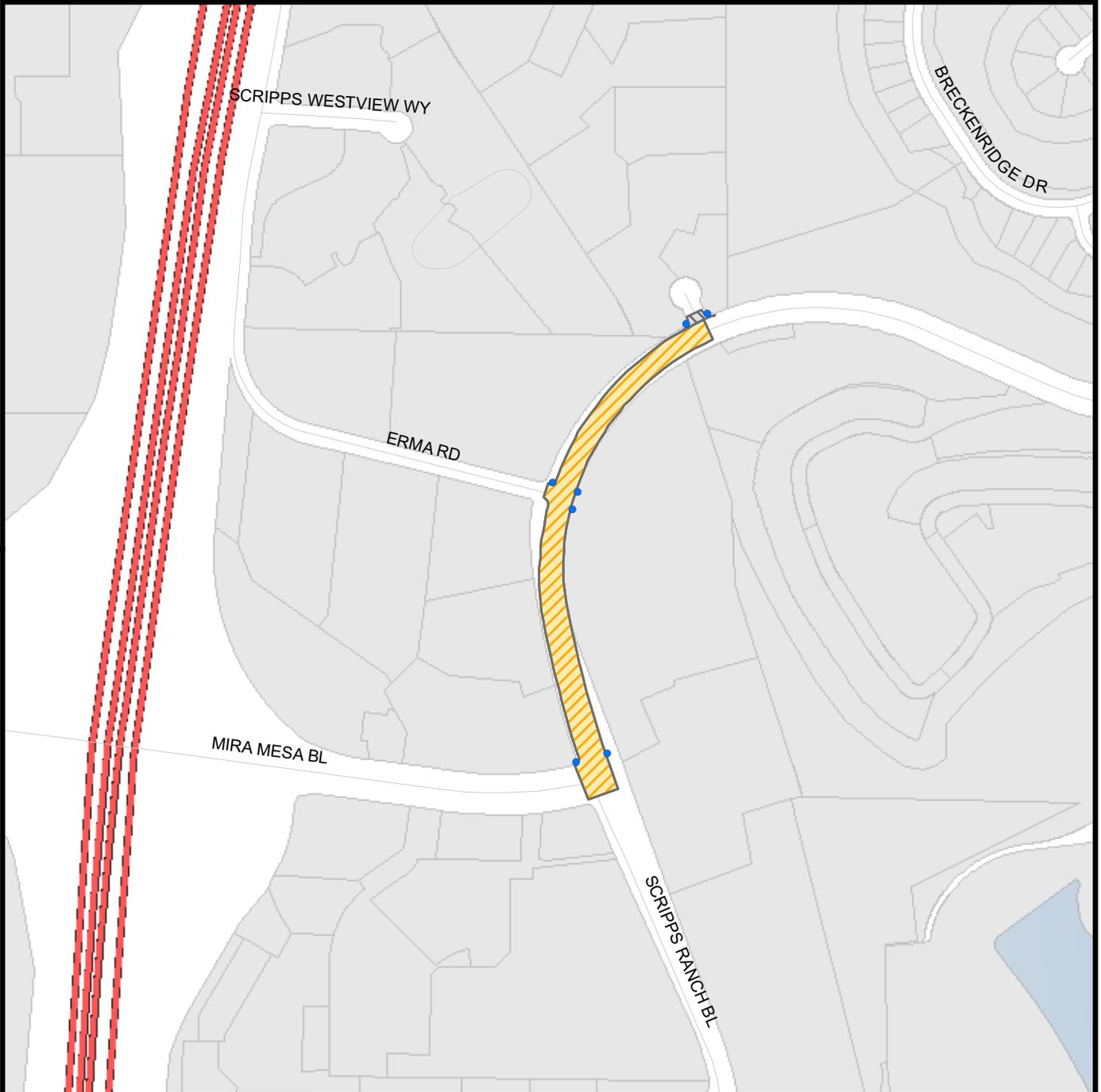


NO SCALE

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**Asphalt Resurfacing Group 1702**

|  |   |  |  |
|--|---|--|--|
| SENIOR ENGINEER<br>Joshua Lahman<br>619-527-7509 | PROJECT MANAGER<br>Chris Hudson<br>619-527-8081 | PROJECT ENGINEER<br>Ottone Amore<br>619-527-8091 | CONSTRUCTION PROJECT<br>INFORMATION LINE<br>(619) 533-4207 |
|--|---|--|--|



|   |   |
|---|---|
|  Approx. AC Pavement Limits  |  Approx. Curb Ramp Locations |
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## APPENDIX Q

### PAVEMENT CORE SAMPLE RESULTS FOR SELECT STREETS

CITY OF SAN DIEGO

MEMORANDUM

Date: March 15, 2019

To: Christopher Hudson, Associate Engineer – Civil, Street Division

From: Victor Cardenas, Assistant Engineer, Field Division, Materials Testing Laboratory

**Subject: Request for Pavement Coring – Asphalt Replacement Group 1702, W.O. No. B-17095**

Per your memo requesting coring of the above referenced project dated February 19, 2019. Cores were obtained from the location on the provided maps. The results are as follows:

| <u>Sample #</u> | <u>Location of sample collected</u>   | <u>Pavement Thickness</u>   |
|-----------------|---|---|
| #1              | Point 47<br>15928 Big Springs Way<br>8' south of north curb                   | 1 3/4" of AC<br>Class II Base<br>No pavement fabric located         |
| #2              | Point 48<br>11366 Meadow Flower Pl.<br>10' south of north curb                | 2" of AC<br>Class II Base<br>No pavement fabric located             |
| #3              | Point 49<br>11341 Meadow Flower Pl.<br>6' west of east curb                   | 2" of AC<br>Class II Base<br>No pavement fabric located             |
| #4              | Point 50<br>11329 Meadow Flower Pl.<br>5' west of east curb                   | 2" of AC<br>Approx. 5" Class II Base<br>No pavement fabric located  |
| #5              | Point 1<br>11421 Avenida Del Gato on Calle Del Humo<br>9' north of south curb | 3 1/4" of AC<br>Approx. 5 1/2" of CTB<br>No pavement fabric located |
| #6              | Point 2<br>11411 Dedo Pl.<br>14' north of south curb                          | 4" of AC<br>Class II Base<br>No pavement fabric located             |

|     |   |   |
|-----|---|---|
| #7  | Point 3<br>8210 Calle Del Humo<br>13' south of north curb                 | 3 3/4" of AC<br>Class II Base<br>No pavement fabric located               |
| #8  | Point 4<br>8233 Calle Del Humo<br>15' south of north curb                 | 4" of AC<br>Class II Base<br>No pavement fabric located                   |
| #9  | Point 10<br>11407 Zapata Dr.<br>9' west of east curb                      | 3" of AC<br>Class II Base<br>No pavement fabric located                   |
| #10 | Point 11<br>8307 Santa Arminta Ave. on Surco Dr.<br>12' west of east curb | 3" of AC<br>Class II Base<br>No pavement fabric located                   |
| #11 | Point 12<br>8369 Torrell Way<br>13' east of west curb                     | 3 1/2" of AC<br>Class II Base<br>No pavement fabric located               |
| #12 | Point 5<br>11368 Trebol St.<br>14' east of west curb                      | 2 3/4" of AC<br>Approx. 4" of Class II Base<br>No pavement fabric located |
| #13 | Point 6<br>11323 Trebol St.<br>14' east of west curb                      | 2" of AC<br>Class II Base<br>No pavement fabric located                   |
| #14 | Point 7<br>11304 Trebol St.<br>10' east of west curb                      | 2" of AC<br>Class II Base<br>No pavement fabric located                   |
| #15 | Point 8<br>11276 Zapata Ave.<br>11' east of west curb                     | 1 1/2" of AC<br>Approx. 7 1/2" of CTB<br>No pavement fabric located       |

|     |   |   |
|-----|---|---|
| #16 | Point 9<br>11364 Surco Dr.<br>8' east of west curb                | 3 1/2" of AC<br>Class II Base<br>No pavement fabric located               |
| #17 | Point 51<br>11191 Crater Dr.<br>14' east of west curb             | 3" of AC<br>Class II Base<br>No pavement fabric located                   |
| #18 | Point 52<br>11118 Crater Dr.<br>13' east of west curb             | 3" of AC<br>Class II Base<br>No pavement fabric located                   |
| #19 | Point 53<br>11083 Crater Dr.<br>10' west of east curb             | 6" of AC<br>Class II Base<br>No pavement fabric located                   |
| #20 | Point 54<br>11195 Pegasus Dr.<br>10 west of east curb             | 2 3/4" of AC<br>Class II Base<br>No pavement fabric located               |
| #21 | Point 55<br>11118 Pegasus Dr.<br>13' east of west curb            | 3" of AC<br>Class II Base<br>No pavement fabric located                   |
| #22 | Point 56<br>11059 Pegasus Dr.<br>14' west of east curb            | 3" of AC<br>Class II Base<br>No pavement fabric located                   |
| #23 | Point 57<br>9120 Libra Dr. on Pegasus Ave<br>6' east of west curb | 7 1/2" of AC<br>Class II Base<br>No pavement liner located                |
| #24 | Point 18<br>8605 Frobisher<br>6' north of south curb              | 1 1/2" of AC<br>Approx. 5" of Class II Base<br>No pavement fabric located |

|     |  |  |
|-----|--|--|
| #25 | Point 19<br>8647 Frobisher St.<br>7' north of south curb     | 2 1/2" of AC<br>Approx. 6" of Class II Base<br>No pavement fabric located  |
| #26 | Point 20<br>10505 Frobisher Cr.<br>6' north of south curb    | 2 1/2" of AC<br>Class II Base<br>No pavement fabric located                |
| #27 | Point 21<br>8707 Frobisher St.<br>11' north of south curb    | 2 1/4" of AC<br>Class II Base<br>No pavement fabric located                |
| #28 | Point 22<br>Frobisher St.<br>10' north of south curb         | 2 1/2" of AC<br>Approx. 5 1/2" of Class Base<br>No pavement fabric located |
| #29 | Point 23<br>5448 Jamestown Rd.<br>20' east of west curb      | 2 1/2" of AC<br>Class II Base<br>No pavement fabric located                |
| #30 | Point 24<br>5348 Jamestown Rd.<br>11' west of east curb      | 2" of AC<br>Class II Base<br>No pavement fabric located                    |
| #31 | Point 25<br>5317 Jamestown Rd.<br>10' west of east curb      | 3" of AC<br>Class II Base<br>No pavement fabric located                    |
| #32 | Point 26<br>4521 Jamestown Way<br>7' north of south curb     | 3" of AC<br>Approx. 4" of Class II Base<br>No pavement fabric located      |
| #33 | Point 27<br>5250 Jamestown Ct.<br>6' north of south curb     | 3 3/4" of AC<br>Class II Base<br>No pavement fabric located                |
| #34 | Point 28<br>5202 Jamestown Rd.<br>10' north of south curb    | 2 3/4" of AC<br>Class II<br>No pavement fabric located                     |
| #35 | Point 29<br>5210 Constitution Rd.<br>12' south of north curb | 3 3/4" of AC<br>Class II<br>No pavement fabric located                     |

|     |  |   |
|-----|--|---|
| #36 | Point 30<br>Clairemont Mesa and Kleefeld Ave.<br>15' north of south curb | 2 3/4" of AC<br>Approx. 6" of Class II Base<br>No pavement fabric located                           |
| #37 | Point 31<br>Bannock Ave. and Kleefeld Ave.<br>Intersection               | 4" of AC<br>Class II Base<br>No pavement fabric located   |
| #38 | Point 32<br>4765 Kleefeld Ave.<br>12' east of west curb                  | 4" of AC<br>Reddish silty sand<br>No pavement fabric located<br>Probed and was compact              |
| #39 | Point 33<br>Bannock Ave. and Susquehanna Pl.<br>8' north of south curb   | 5 3/4" of AC<br>Reddish silty sand<br>No pavement fabric located                                    |
| #40 | Point 34<br>4274 Kleefeld Ave.<br>12' east of west curb                  | 2" of AC<br>5" of PCC<br>Reddish silty sand<br>No pavement fabric located<br>Probed and was compact |
| #41 | Point 35<br>4404 Samoset Ave<br>8' east of west curb                     | 2 3/4" of AC<br>Reddish silty sand<br>No pavement fabric located                                    |
| #42 | Point 36<br>4396 Tecumseh Way on Kleefeld Ave<br>7' south of north curb  | 2" of AC<br>Reddish silty sand<br>No pavement fabric located  |
| #43 | Point 37<br>4225 Willamette Ave<br>14' north of south curb               | 4" of AC<br>Reddish silty sand<br>No pavement fabric located  |
| #44 | Point 38<br>4103 Willamette Ave<br>8' west of east curb                  | 3" of AC<br>Reddish silty sand<br>No pavement fabric located  |
| #45 | Point 58<br>5054 Triana St.<br>13' south of north curb                   | 3 3/4" of AC<br>Class II Base<br>No pavement fabric located   |

|     |   |   |
|-----|---|---|
| #46 | Point 59<br>4685 Derrick Dr.<br>10' north of south curb         | 4" of AC<br>Approx. 4 1/2" of Class II Base<br>No pavement fabric located       |
| #47 | Point 60<br>5135 Triana St.<br>15' north of south curb          | 3 1/4" of AC<br>Approx. 5" of Class II Base<br>No pavement fabric located       |
| #48 | Point 61<br>5136 Triana St.<br>7' north of south curb           | 3 1/4" of AC<br>Approx. 5" of Class II Base<br>No pavement fabric located       |
| #49 | Point 62<br>4702 Triana St.<br>8' north of south curb           | 3" of AC<br>Class II Base<br>No pavement fabric located                         |
| #50 | Point 63<br>5194 Triana St.<br>7' north of south curb           | 3 1/2" of AC<br>Reddish silty sand<br>No pavement fabric located                |
| #51 | Point 17<br>East Westinghouse St.<br>10' west of east curb      | 3/4" of AC<br>7 3/4" of PCC<br>Reddish silty sand<br>No pavement fabric located |
| #52 | Point 16<br>1773 East Westinghouse St.<br>11' west of east curb | 7" of AC<br>Approx. 4" of Class II Base<br>No pavement fabric located           |
| #53 | Point 15<br>1804 East Westinghouse St.<br>13' east of west curb | 9 1/4" of AC<br>Approx. 4" of Class II Base<br>No pavement fabric located       |
| #54 | Point 14<br>1857 East Westinghouse St.<br>7' west of east curb  | 1" of AC<br>4 1/2" of PCC<br>Class II Base<br>No pavement fabric located        |
| #55 | Point 13<br>1905 East Westinghouse St.<br>6' west of east curb  | 1 3/4" of AC<br>Class II Base<br>No pavement fabric located                     |
| #56 | Point 39<br>3605 Arruza St.<br>7' north of south curb           | 3 1/4" of AC<br>Class II Base<br>No pavement fabric located                     |

|     |  |  |
|-----|--|--|
| #57 | Point 40<br>3651 Arruza St.<br>15' north of south curb | 3 3/4" of AC<br>Approx. 5 1/2" Class II Base<br>No pavement fabric located |
| #58 | Point 41<br>3717 Arruza St.<br>14' north of south curb | 3" of AC<br>Class II Base<br>No pavement fabric located                    |
| #59 | Point 43<br>3604 Marzo St.<br>12' south of north curb  | 4" of AC<br>Class II Base<br>No pavement fabric located                    |
| #60 | Point 44<br>3685 Marzo St.<br>8' south of north curb   | 5" of AC<br>Class II Base<br>No pavement fabric located                    |
| #61 | Point 42<br>3778 Marzo St.<br>14' north of south curb  | 5" of AC<br>Class II Base<br>No pavement fabric located                    |
| #62 | Point 46<br>3794 Marzo St.<br>11' south of north curb  | 5 1/4" of AC<br>Class II Base<br>No pavement fabric located                |
| #63 | Point 45<br>3745 Marzo St.<br>8' south of north curb   | 6" of AC<br>Class II Base<br>No pavement fabric located                    |

Should you have any further questions, or if we can be of further assistance please call 858-627-3256.

Victor Cardenas



cc: Randy Encinas

**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, Superior Ready Mix Concrete, L.P. herein called "Contractor" for construction of **Asphalt Resurfacing Group 1702**; Bid No. **K-20-1866-DBB-3**; in the amount of Ten Million Eight Hundred Forty-Four Thousand Seven Hundred Fifteen Dollars and Zero Cents (\$10,844,715.00) , which is comprised of the base bid alone.

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

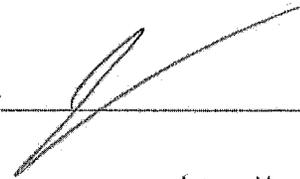
1. The following are incorporated into this contract as though fully set forth herein:
  - (a) The attached Faithful Performance and Payment Bonds.
  - (b) The attached Proposal included in the Bid documents by the Contractor.
  - (c) Reference Standards listed in the Instruction to Bidders and the Supplementary Special Provisions (SSP).
  - (d) That certain documents entitled **Asphalt Resurfacing Group 1702**, on file in the office of the City Clerk Department as Document No. **B-17095**, 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 1702**, Bid Number **K-20-1866-DBB-3**, San Diego, California.
3. For such performances, the City shall pay to Contractor the amounts set forth at the times and in the manner and with such additions or deductions as are provided for in this contract, and the Contractor shall accept such payment in full satisfaction of all claims incident to such performances.
4. No claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.
5. This contract is effective as of the date that the Mayor or designee signs the agreement.

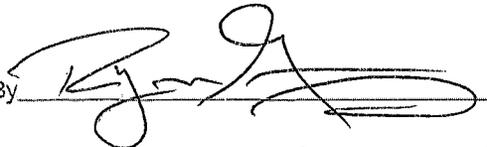
CONTRACT AGREEMENT (continued)

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

THE CITY OF SAN DIEGO

APPROVED AS TO FORM

By   
Print Name: James Nagelvoort  
Director  
Public Works Department

Mara W. Elliott, City Attorney  
By   
Print Name: RYAN P. GERBITT  
Deputy City Attorney

Date: 2/14/2020

Date: 2/20/2020

CONTRACTOR

By   
Print Name: Arnold Veldkamp

Title: Secretary

Date: December 6, 2019

City of San Diego License No.: B1982.002304

State Contractor's License No.: 626277

DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION NUMBER: 1000003711

## 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 1702**

(Project Title )

as particularly described in said contract and identified as Bid No. **K-20-1866-DBB-3**; SAP No. (WBS/IO/CC) **B-17095**; 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 SDVOSB <sup>ⓐ</sup> | WHERE CERTIFIED <sup>ⓑ</sup> | CHECK IF JOINT VENTURE PARTNERSHIP |
|--|-------------------------|------------------------------|--------------|-----------------------------|--|------------------------------|------------------------------------|
| Name: _____<br>Address: _____<br>City: _____<br>State: _____<br>Zip: _____<br>Phone: _____<br>Email: _____ |                         |                              |              |                             |  |                              |                                    |
| Name: _____<br>Address: _____<br>City: _____<br>State: _____<br>Zip: _____<br>Phone: _____<br>Email: _____ |                         |                              |              |                             |  |                              |                                    |

<sup>ⓐ</sup> 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 |  |         |

<sup>ⓑ</sup> As appropriate, Bidder shall indicate if Subcontractor is certified by:

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

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

**NAMED EQUIPMENT/MATERIAL SUPPLIER LIST**

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

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

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

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

## **ELECTRONICALLY SUBMITTED FORMS**

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

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

- A. BID BOND – See Instructions to Bidders, Bidders Guarantee of Good Faith (Bid Security) for further instructions**
- B. CONTRACTOR’S CERTIFICATION OF PENDING ACTIONS**
- C. MANDATORY DISCLOSURE OF BUSINESS INTERESTS FORM**
- D. DEBARMENT AND SUSPENSION CERTIFICATION**

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

**BID BOND**

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

KNOW ALL MEN BY THESE PRESENTS,

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

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

Asphalt Resurfacing Group 1702

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 14th day of October, 2019

Superior Ready Mix Concrete, L.P. dba  
SRM Contracting & Paving (SEAL)  
(Principal)

Nationwide Mutual Insurance Company (SEAL)  
(Surety)

By:   
(Signature)  
**Arnold Veldkamp, Secretary**

By:   
(Signature) Stephen G. Sanker, Attorney-in-Fact

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

See Attached for Notary Acknowledgment



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

### ACKNOWLEDGMENT

State of California  
County of San Diego

On October 14, 2019 before me, Josh Brandon Severson, Notary Public, personally appeared Stephen G. Sanker 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.

A handwritten signature in black ink, appearing to be 'JBS', written over a solid horizontal line.

Power of Attorney

KNOW ALL MEN BY THESE PRESENTS THAT:

Nationwide Mutual Insurance Company, an Ohio corporation

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

Josh Severson Jill DeRobertis Stephen G. Sanker La Mesa, CA

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

Ten Million and 00/100 \$10,000,000

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

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

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

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

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

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

IN WITNESS WHEREOF, the Company has caused this instrument to be sealed and duly attested by the signature of its officer the 27th day of February, 2019.

[Handwritten signature of Antonio C. Albanese]

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

ACKNOWLEDGMENT

STATE OF NEW YORK, COUNTY OF NEW YORK: ss
On this 27th day of February, 2019, before me came the above-named officer for the Company aforesaid, to me personally known to be the officer described in and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn, deposes and says, that he is the officer of the Company aforesaid, that the seal affixed hereto is the corporate seal of said Company, and the said corporate seal and his signature were duly affixed and subscribed to said instrument by the authority and direction of said Company.



Suzanne C. Delio
Notary Public, State of New York
No. 02DE612649
Qualified in Westchester County
Commission Expires September 16, 2021

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

CERTIFICATE

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

IN WITNESS WHEREOF, I have hereunto subscribed my name as Assistant Secretary, and affixed the corporate seal of said Company this 14th day of October, 2019.

[Handwritten signature of Laura B. Guy]
Assistant Secretary

# ALL-PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

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

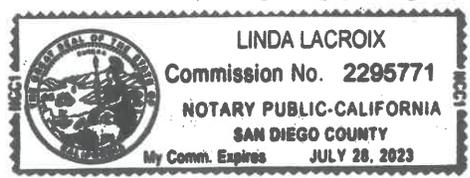
State of California )  
 County of San Diego )

On 10/30/19 before me, Linda LaCroix Notary Public,  
(Here insert name and title of the officer)  
 personally appeared  
Arnold Veldkamp

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.

Linda LaCroix  
 Signature of Notary Public



(Seal)

### ADDITIONAL OPTIONAL INFORMATION

#### DESCRIPTION OF THE ATTACHED DOCUMENT

\_\_\_\_\_  
(Title or description of attached document)

\_\_\_\_\_  
(Title or description of attached document continued)

Number of Pages \_\_\_\_\_ Document Date \_\_\_\_\_

### INSTRUCTIONS

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

**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 |
|---------------|----------|----------------------|------------------|--------|----------------------------------|
|               |          |                      |                  |        |                                  |
|               |          |                      |                  |        |                                  |
|               |          |                      |                  |        |                                  |
|               |          |                      |                  |        |                                  |
|               |          |                      |                  |        |                                  |
|               |          |                      |                  |        |                                  |

Contractor Name: SRM Contracting and Paving

Certified By Arnold Veldkamp Title Secretary  
Name

 Date 10/30/19  
Signature

**USE ADDITIONAL FORMS AS NECESSARY**

# ALL-PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

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State of California )

County of San Diego )

On 10/30/19 before me, \_\_\_\_\_,  
(Here insert name and title of the officer)

*Linda LaCroix Notary Public*

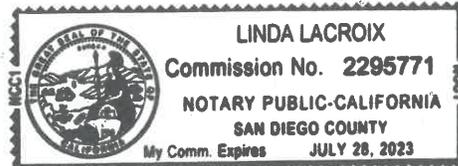
personally appeared

Arnold Veldkamp

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.

*Linda LaCroix*  
Signature of Notary Public



(Seal)

## ADDITIONAL OPTIONAL INFORMATION

### DESCRIPTION OF THE ATTACHED DOCUMENT

\_\_\_\_\_  
(Title or description of attached document)

\_\_\_\_\_  
(Title or description of attached document continued)

Number of Pages \_\_\_\_\_ Document Date \_\_\_\_\_

## INSTRUCTIONS

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- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e.)he/she/they, is /are ) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
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- Securely attach this document to the signed document with a staple.

## Mandatory Disclosure of Business Interests Form

### BIDDER/PROPOSER INFORMATION

|  |                     |                     |     |
|--|---------------------|---------------------|-----|
| <u>Superior Ready Mix Concrete, LP, dba SRM Contracting and Paving</u> |                     |                     |     |
| Legal Name   | DBA                 |                     |     |
| <u>7192 Mission Gorge Road, San Diego, CA</u>                          | <u>92120</u>        |                     |     |
| Street Address   | City                | State               | Zip |
| <u>Arnold Veldkamp, Secretary</u>                                      | <u>760-745-0556</u> | <u>760-740-9554</u> |     |
| Contact Person, Title  | Phone               | Fax                 |     |

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

\* The precise nature of the interest includes:

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

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

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

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

*\*see attachment*

**\* 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.

|                                   |           |                 |
|-----------------------------------|-----------|-----------------|
| <u>Arnold Veldkamp, Secretary</u> |           | <u>10/30/19</u> |
| 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.**

# ALL-PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

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State of California )

County of San Diego )

On 10/30/19 before me, Linda LaCroix Notary Public,  
(Here insert name and title of the officer)

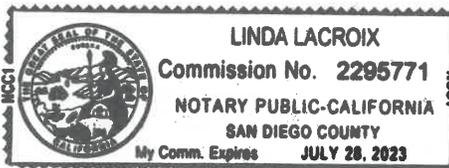
personally appeared

Arnold Veldkamp

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.

Linda LaCroix  
Signature of Notary Public



(Seal)

## ADDITIONAL OPTIONAL INFORMATION

### DESCRIPTION OF THE ATTACHED DOCUMENT

\_\_\_\_\_  
(Title or description of attached document)

\_\_\_\_\_  
(Title or description of attached document continued)

Number of Pages \_\_\_\_\_ Document Date \_\_\_\_\_

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- Securely attach this document to the signed document with a staple.

SUPERIOR READY MIX CONCRETE, L. P.  
DBA ~ SRM CONTRACTING & PAVING  
A California Limited Partnership  
1508 W. Mission Road  
Escondido, CA 92029

**General Partner:**

J. BROUWER INVESTMENTS, INC., A California Corporation  
Jacob Brouwer, President  
Garret Brouwer, Vice President  
Arnold Veldkamp, Secretary  
Brent Cooper, V. P.  
Address: 1508 W. Mission Road, Escondido, CA 92029

**Limited Partner:**

JBCHC LIMITED PARTNERSHIP, A California Limited Partnership  
Jacob Brouwer, General Partner  
Address: 1508 W. Mission Road, Escondido, CA 92029

**Attachment to Mandatory Disclosure of Business Interests Form  
Superior Ready Mix Concrete L.P. dba SRM Contracting & Paving**

The following persons own a 14.29% interest in Superior Ready Mix Concrete L.P.:

Jacob Brouwer, 121 Freesia Glen, Escondido, CA 92026

Joanne Cooper, 10590 Coyote Hill Glen, Escondido, CA 92026

Theresa Veldkamp, 10510 Coyote Hill Glen, Escondido, CA 92026

Garret Brouwer, 1643 Rincon Avenue, Escondido, CA 92026

Doreen Broek, 1738 Rincon Avenue, Escondido, CA 92026

Richard Brouwer, 28751 Rolling Rock Road, Escondido, CA 92026

Chris Brouwer, 1590 N. Ash Street, Escondido, CA 92027

In addition, the following persons are employed by Superior Ready Mix and may be pursuing the proposed 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 such activity:

Clinton LaRue, 5700 Baltimore Drive Unit 119, La Mesa, CA 91942

Jim Warner, 10708 Valor Place, Santee, CA 92071

**DEBARMENT AND SUSPENSION CERTIFICATION**

| <b>EFFECT OF DEBARMENT OR SUSPENSION</b>  |
|---|
| 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): <i>Bidders and contractors</i> who have been <i>debarred or suspended</i> are excluded from submitting bids, submitting responses to requests for proposal or qualifications, receiving <i>contract awards</i> , executing <i>contracts</i> , participating as a <i>subcontractor</i> , <i>employee, agent or representative of another person</i> 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: *\*see attachment*

| <b>NAME</b>                         | <b>TITLE</b>           |
|-------------------------------------|------------------------|
| <i>J. Brouwer Investments, Inc.</i> | <i>General Partner</i> |
| <i>JBCHC Limited Partnership</i>    | <i>Limited Partner</i> |
|                                     |                        |
|                                     |                        |

**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.

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: *Superior Ready Mix Concrete, LP, dba SRM Contracting and Paving*

Certified By *Arnold Veldkamp* Title *Secretary*

*Arnold Veldkamp*  
Name \_\_\_\_\_ Date *10/30/19*

Signature

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

# ALL-PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

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

State of California )

County of San Diego )

On 10/30/19 before me, Linda LaCroix Notary Public,  
(Here insert name and title of the officer)

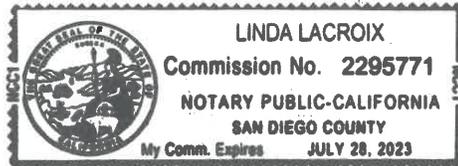
personally appeared

Arnold Veld Kamp

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.

Linda LaCroix  
Signature of Notary Public



(Seal)

## ADDITIONAL OPTIONAL INFORMATION

### DESCRIPTION OF THE ATTACHED DOCUMENT

\_\_\_\_\_  
(Title or description of attached document)

\_\_\_\_\_  
(Title or description of attached document continued)

Number of Pages \_\_\_\_\_ Document Date \_\_\_\_\_

## INSTRUCTIONS

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- Securely attach this document to the signed document with a staple.

SUPERIOR READY MIX CONCRETE, L. P.  
DBA ~ SRM CONTRACTING & PAVING  
A California Limited Partnership  
1508 W. Mission Road  
Escondido, CA 92029

**General Partner:**

J. BROUWER INVESTMENTS, INC., A California Corporation  
Jacob Brouwer, President  
Garret Brouwer, Vice President  
Arnold Veldkamp, Secretary  
Brent Cooper, V. P.  
Address: 1508 W. Mission Road, Escondido, CA 92029

**Limited Partner:**

JBCHC LIMITED PARTNERSHIP, A California Limited Partnership  
Jacob Brouwer, General Partner  
Address: 1508 W. Mission Road, Escondido, CA 92029

Names of the Principal individual owner(s)

**FOR SUBCONTRACTORS/SUPPLIERS/MANUFACTURERS**

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                                  |
|-------------------|--|
| Stephen Concannon | President - Pavement Recycling Systems |
| Nathan Beyler     | Officer - Pavement Recycling Systems   |
|                   |  |
|                   |  |

SUBCONTRACTOR       SUPPLIER       MANUFACTURER

| NAME                   | TITLE                                 |
|------------------------|---------------------------------------|
| Gregory Vasilieff      | President - Western Gardens Landscape |
| Marie-Claude Vasilieff | Officer - Western Gardens Landscape   |
| Robert Vasilieff       | Officer - Western Gardens Landscape   |
| Peter Vasilieff        | Officer - Western Gardens Landscape   |

SUBCONTRACTOR       SUPPLIER       MANUFACTURER

| NAME             | TITLE                       |
|------------------|-----------------------------|
| Larry Coalson    | President - LC Tree Service |
| Lynnette Coalson | Officer - LC Tree Service   |
|                  |                             |
|                  |                             |

SUBCONTRACTOR       SUPPLIER       MANUFACTURER

| NAME         | TITLE                        |
|--------------|------------------------------|
| Michael High | President - HMS Construction |
| Mark High    | Officer - HMS Construction   |
| Sharon High  | Officer - HMS Construction   |
| Ian High     | Officer - HMS Construction   |

Contractor Name: SRM Contracting and Paving

Certified By Arnold Veldkamp Title Secretary

Name  
  
 Signature

Date 10/30/19

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

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County of San Diego )

On 10/30/19 before me, Linda LaCroix Notary Public,  
(Here insert name and title of the officer)

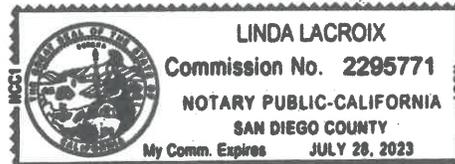
personally appeared

Arnold Veldkamp

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.

Linda LaCroix  
Signature of Notary Public



(Seal)

## ADDITIONAL OPTIONAL INFORMATION

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Names of the Principal individual owner(s)

**FOR SUBCONTRACTORS/SUPPLIERS/MANUFACTURERS**

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

SUBCONTRACTOR       SUPPLIER       MANUFACTURER

| NAME              | TITLE                                 |
|-------------------|---------------------------------------|
| Dave Brilhante    | President - Statewide Stripes         |
| Tanni's Brilhante | President Officer - Statewide Stripes |
|                   | AV                                    |
|                   |                                       |
|                   |                                       |

SUBCONTRACTOR       SUPPLIER       MANUFACTURER

| NAME            | TITLE                    |
|-----------------|--------------------------|
| Rodolfo Sanchez | President - YBS Concrete |
|                 |                          |
|                 |                          |
|                 |                          |

SUBCONTRACTOR       SUPPLIER       MANUFACTURER

| NAME | TITLE |
|------|-------|
|      |       |
|      |       |
|      |       |
|      |       |

SUBCONTRACTOR       SUPPLIER       MANUFACTURER

| NAME | TITLE |
|------|-------|
|      |       |
|      |       |
|      |       |
|      |       |

Contractor Name: SRM Contracting and Paving

Certified By Arnold Veldkamp Title Secretary

Name  Date 10/30/19  
Signature

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

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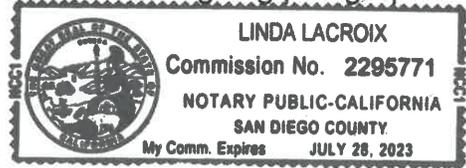
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Arnold Valdkamp

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Linda LaCroix  
Signature of Notary Public



(Seal)

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# City of San Diego

CITY CONTACT: Antoinette Sanfilippo, Contract Specialist, Email: [ASanfilippo@sandiego.gov](mailto:ASanfilippo@sandiego.gov)  
Phone No. (619) 533-3439

## ADDENDUM A



**FOR**

## ASPHALT RESURFACING GROUP 1702

|                      |                        |
|----------------------|------------------------|
| BID NO.:             | <u>K-20-1866-DBB-3</u> |
| SAP NO. (WBS/IO/CC): | <u>B-17095</u>         |
| CLIENT DEPARTMENT:   | <u>2116</u>            |
| COUNCIL DISTRICT:    | <u>CITYWIDE</u>        |
| PROJECT TYPE:        | <u>ID</u>              |

---

### **BID DUE DATE:**

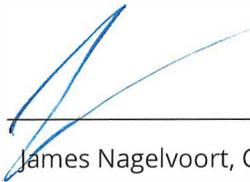
**2:00 PM**  
**NOVEMBER 6, 2019**

**CITY OF SAN DIEGO'S ELECTRONIC BIDDING SITE, PLANETBIDS**

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

**ENGINEER OF WORK**

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

  
James Nagelvoort, City Engineer

10/15/19 Seal:  
Date



**A. CHANGES TO CONTRACT DOCUMENTS**

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

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

**B. ADDITIONAL CHANGES**

1. To the Contract Documents, Engineer of Work, page 2, **DELETE** its entirety and **SUBSTITUTE** with page 2 of this Addendum.

James Nagelvoort, Director  
Public Works Department

Dated: *October 18, 2019*  
San Diego, California

JN/JB/ig

# City of San Diego

CITY CONTACT: Antoinette Sanfilippo, Contract Specialist, Email: [ASanfilippo@sandiego.gov](mailto:ASanfilippo@sandiego.gov)  
Phone No. (619) 533-3439

## ADDENDUM B



**FOR**

## ASPHALT RESURFACING GROUP 1702

|                      |                        |
|----------------------|------------------------|
| BID NO.:             | <u>K-20-1866-DBB-3</u> |
| SAP NO. (WBS/IO/CC): | <u>B-17095</u>         |
| CLIENT DEPARTMENT:   | <u>2116</u>            |
| COUNCIL DISTRICT:    | <u>CITYWIDE</u>        |
| PROJECT TYPE:        | <u>ID</u>              |

---

### **BID DUE DATE:**

**2:00 PM  
NOVEMBER 6, 2019**

**CITY OF SAN DIEGO'S ELECTRONIC BIDDING SITE, PLANETBIDS**

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

**A. CHANGES TO CONTRACT DOCUMENTS**

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

**B. ADDENDUM**

1. To Addendum A, Item A, Changes To The Contract Documents, Second Paragraph, page 3 of 3, **DELETE** in its entirety.

James Nagelvoort, Director  
Public Works Department

Dated: *October 22, 2019*  
San Diego, California

JN/JB/ig

# City of San Diego

CITY CONTACT: Antoinette Sanfilippo, Contract Specialist, Email: [ASanfilippo@sandiego.gov](mailto:ASanfilippo@sandiego.gov)  
Phone No. (619) 533-3439

## ADDENDUM C



**FOR**

## ASPHALT RESURFACING GROUP 1702

|                      |                        |
|----------------------|------------------------|
| BID NO.:             | <u>K-20-1866-DBB-3</u> |
| SAP NO. (WBS/IO/CC): | <u>B-17095</u>         |
| CLIENT DEPARTMENT:   | <u>2116</u>            |
| COUNCIL DISTRICT:    | <u>CITYWIDE</u>        |
| PROJECT TYPE:        | <u>ID</u>              |

---

### **BID DUE DATE:**

**2:00 PM  
NOVEMBER 6, 2019**

**CITY OF SAN DIEGO'S ELECTRONIC BIDDING SITE, PLANETBIDS**

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

## **A. CHANGES TO CONTRACT DOCUMENTS**

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

## **B. BIDDER'S QUESTIONS**

**Q1.** Please clarify that per sec 3-12.1 that once the street has been completed, the Contractor will not be required to return to comply with a, b, & c?

**A1.** 3-12.1 applies for the duration of the contract.

**Q2.** Once the asphalt is removed and if we encounter unyielding sub grade, does that material still need to be excavated and base put in its place?

**A2.** Subgrade preparation shall be in accordance with section 301.

**Q3.** Can the contractor place deep lift asphalt in lieu of installing crushed miscellaneous base at the same cost to the City?

**A3.** Subgrade preparation shall be in accordance with section 301. Asphalt Concrete Base shall be used only when directed by Engineer.

**Q4.** Bid Item 4. Excavation for Base Repair – What is the depth of excavation? What are the minimum dimensions for each individual repair location? Have the excavations been marked on the street as “DO”?

Is Bid Item 7. Asphalt Concrete Base the only material to be used for Base Repair, if so how thick is the asphalt concrete? Is Bid Item 8. Crushed Miscellaneous Base also to be used for Base Repair, if so how thick is the Crushed Miscellaneous Base?

**A4.** See section 301.

**Q5.** There is a Bid Item for 5. Excavation for Base Repair (Unscheduled) and Bid Item 9. Crushed Miscellaneous Base (Unscheduled). Where is the Bid Item for Asphalt Concrete Base (Unscheduled)?

**A5.** See updated language for the supplemental provision in this Addendum C.

- Q6.** Bid Item 6. Asphalt Pavement Repair – The 35,000 SF quantity is not shown on APPENDIX K – ESTIMATED ASPHALT CONSTRUCTION QUANTITIES on anywhere else. Can the City provide the streets and preliminary quantities for this bid item? Are these locations marked on the street? What is the thickness of these repairs?
- A6.** Definition for Asphalt Pavement Repair is found in Section 301.
- Q7.** SUPPLEMENTARY SPECIAL PROVISIONS Item 3-12.1 Page 34 – General Item 3.c. “As directed by the Engineer”. Can the City be more specific with regards to this section? The way it is written, it is a blank check for the City. If the City wants “Additional Sweeping”, not specified... the City should compensate Contractors for each day of additional sweeping. Can the City add a line item for “Additional Sweeping by the Day?”
- A7.** See 1001-4.2. Street Sweeping is included in WPCP Implementation.
- Q8.** APPENDIX K – ESTIMATED ASPHALT CONSTRUCTION QUANTITIES – Night work is listed for several streets on pages 121 & 123. What the nighttime working hours? What is the required procedure to perform night work?
- A8.** Night work hours will be specified in the traffic control permit.

### **C. SUPPLEMENTARY SPECIAL PROVISIONS**

1. To Section 301, Subgrade Preparation, Treated Materials, and Placement of Base Materials, Sub-section 301-1.7, Payment, Item 5, page 58, **DELETE** in its entirety and **SUBSTITUTE** with the following:
  - 301-1.7 Payment.** To the Supplementary Special Provisions, Item 5, DELETE in its entirety and SUBSTITUTE with the following:
    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.

James Nagelvoort, Director  
Public Works Department

Dated: *October 25, 2019*  
San Diego, California

JN/JB/ig

**Bid Results**

**Bidder Details**

**Vendor Name** Superior Ready Mix Concrete, L.P.  
**Address** 7192 Mission Gorge Road  
 San Diego, CA 92120  
 United States  
**Respondee** Clinton LaRue  
**Respondee Title** Estimator  
**Phone** 619-265-0955 Ext. 1503  
**Email** clarue@srmcp.com  
**Vendor Type** PQUAL,CADIR,Local  
**License #** 626277  
**CADIR** 1000003711

**Bid Detail**

**Bid Format** Electronic  
**Submitted** November 6, 2019 1:43:32 PM (Pacific)  
**Delivery Method**  
**Bid Responsive**  
**Bid Status** Submitted  
**Confirmation #** 194639  
**Ranking** 0

**Respondee Comment**

**Buyer Comment**

**Attachments**

| File Title                           | File Name                                | File Type                                       |
|--------------------------------------|--|---|
| Certification of Pending Action-SRM  | Certification of Pending Action-SRM.pdf  | Contractors Certification of Pending Actions    |
| Disclosure of Business Interests-SRM | Disclosure of Business Interests-SRM.pdf | Mandatory Disclosure of Business Interests Form |
| Debarment & Suspension Cert-SRM      | Debarment & Suspension Cert-SRM.pdf      | Debarment and Suspension Certification          |
| Bid Bond-SRM                         | Bid Bond-SRM.pdf                         | Bid Bond  |

**Line Items**

| Type            | Item Code                       | UOM | Qty  | Unit Price   | Line Total   | Comment |
|-----------------|---------------------------------|-----|------|--------------|--------------|---------|
| <b>Main Bid</b> |                                 |     |      |              |              |         |
| 1               | Bonds (Payment and Performance) |     |      |              |              |         |
|                 | 524126                          | LS  | 1    | \$45,000.00  | \$45,000.00  |         |
| 2               | Field Orders (EOC Type II)      |     |      |              |              |         |
|                 |                                 | AL  | 1    | \$400,000.00 | \$400,000.00 |         |
| 3               | Oil Price Index (EOC Type I)    |     |      |              |              |         |
|                 | 237310                          | AL  | 1    | \$300,000.00 | \$300,000.00 |         |
| 4               | Excavation for Base Repair      |     |      |              |              |         |
|                 | 237310                          | CY  | 1620 | \$89.00      | \$144,180.00 |         |

**Bid Results**

| Type | Item Code   | UOM | Qty   | Unit Price  | Line Total     | Comment |
|------|---|-----|-------|-------------|----------------|---------|
| 5    | Excavation for Base Repair (Unscheduled)                      |     |       |             |                |         |
|      | 237310  | CY  | 1550  | \$118.00    | \$182,900.00   |         |
| 6    | Asphalt Pavement Repair                                       |     |       |             |                |         |
|      | 237310  | SF  | 35000 | \$2.50      | \$87,500.00    |         |
| 7    | Asphalt Concrete Base   |     |       |             |                |         |
|      | 237310  | TON | 1700  | \$132.00    | \$224,400.00   |         |
| 8    | Crushed Miscellaneous Base                                    |     |       |             |                |         |
|      | 237310  | TON | 2300  | \$66.00     | \$151,800.00   |         |
| 9    | Crushed Miscellaneous Base (Unscheduled)                      |     |       |             |                |         |
|      | 237310  | TON | 2150  | \$77.00     | \$165,550.00   |         |
| 10   | Asphalt Concrete  |     |       |             |                |         |
|      | 237310  | TON | 54000 | \$77.50     | \$4,185,000.00 |         |
| 11   | Bus Stop Pad (9 Inch Thick)                                   |     |       |             |                |         |
|      | 237310  | SF  | 2400  | \$21.70     | \$52,080.00    |         |
| 12   | Historical and Contractor Date Stamps and Impressions         |     |       |             |                |         |
|      | 237310  | EA  | 50    | \$163.00    | \$8,150.00     |         |
| 13   | Remove and Replace Existing Sidewalk (SF)                     |     |       |             |                |         |
|      | 237310  | SF  | 4000  | \$10.60     | \$42,400.00    |         |
| 14   | Remove and Replace Curb and Gutter (LF)                       |     |       |             |                |         |
|      | 237310  | LF  | 1100  | \$38.00     | \$41,800.00    |         |
| 15   | Cross Gutter  |     |       |             |                |         |
|      | 237310  | SF  | 83000 | \$17.40     | \$1,444,200.00 |         |
| 16   | Residential Concrete Driveway                                 |     |       |             |                |         |
|      | 237310  | SF  | 300   | \$22.50     | \$6,750.00     |         |
| 17   | Curb Ramp   |     |       |             |                |         |
|      | 237310  | EA  | 390   | \$3,635.00  | \$1,417,650.00 |         |
| 18   | Pull Box  |     |       |             |                |         |
|      | 237310  | EA  | 15    | \$1,150.00  | \$17,250.00    |         |
| 19   | Removal and Replacement of Existing Paint Striping            |     |       |             |                |         |
|      | 237310  | LS  | 1     | \$38,742.00 | \$38,742.00    |         |
| 20   | Painted Traffic Stripes and Painted Curb Markings (BARNET AV) |     |       |             |                |         |
|      | 237310  | LS  | 1     | \$20,473.00 | \$20,473.00    |         |

**Bid Results**

| Type | Item Code  | UOM | Qty     | Unit Price  | Line Total     | Comment |
|------|--|-----|---------|-------------|----------------|---------|
| 21   | Painted Traffic Stripes and Painted Curb Markings (SANTO RD)       |     |         |             |                |         |
|      | 237310   | LS  | 1       | \$9,177.00  | \$9,177.00     |         |
| 22   | Painted Traffic Stripes and Painted Curb Markings (VIA DEL CAMPO)  |     |         |             |                |         |
|      | 237310   | LS  | 1       | \$5,460.00  | \$5,460.00     |         |
| 23   | Painted Traffic Stripes and Painted Curb Markings (W. BERNARDO DR) |     |         |             |                |         |
|      | 237310   | LS  | 1       | \$25,701.00 | \$25,701.00    |         |
| 24   | Video Recording of Existing Conditions                             |     |         |             |                |         |
|      | 238990   | LS  | 1       | \$13,020.00 | \$13,020.00    |         |
| 25   | Tree Removal and Disposal (Less Than 24-Inch Trunk Diameter)       |     |         |             |                |         |
|      | 238910   | EA  | 20      | \$1,383.00  | \$27,660.00    |         |
| 26   | Tree Removal and Disposal (24-Inch Trunk Diameter and Greater)     |     |         |             |                |         |
|      | 238910   | EA  | 10      | \$3,147.00  | \$31,470.00    |         |
| 27   | Raise Appurtenance to Grade (Water, Sewer)                         |     |         |             |                |         |
|      | 237310   | EA  | 550     | \$58.00     | \$31,900.00    |         |
| 28   | Adjust Survey Monument to Grade                                    |     |         |             |                |         |
|      | 237310   | EA  | 20      | \$1,021.00  | \$20,420.00    |         |
| 29   | Reconstruct Survey Monument Box                                    |     |         |             |                |         |
|      | 237310   | EA  | 10      | \$1,316.00  | \$13,160.00    |         |
| 30   | Traffic Detector Loop Replacement                                  |     |         |             |                |         |
|      | 237310   | EA  | 250     | \$441.00    | \$110,250.00   |         |
| 31   | Cold Milling   |     |         |             |                |         |
|      | 237310   | SF  | 3670000 | \$0.34      | \$1,247,800.00 |         |
| 32   | Speed Hump Remove & Replace  |     |         |             |                |         |
|      | 237310   | LF  | 120     | \$163.00    | \$19,560.00    |         |
| 33   | Traffic Control and Working Drawings                               |     |         |             |                |         |
|      | 541330   | LS  | 1       | \$61,688.00 | \$61,688.00    |         |
| 34   | Traffic Control and Engineered Traffic Control Plans               |     |         |             |                |         |
|      | 541330   | LS  | 1       | \$32,830.00 | \$32,830.00    |         |
| 35   | Pedestrian Barricade (Type A)                                      |     |         |             |                |         |
|      | 237310   | EA  | 5       | \$543.00    | \$2,715.00     |         |
| 36   | Pedestrian Push button relocation                                  |     |         |             |                |         |
|      | 238210   | EA  | 10      | \$228.00    | \$2,280.00     |         |

**Bid Results**

| Type            | Item Code                                      | UOM | Qty | Unit Price  | Line Total             | Comment |
|-----------------|--|-----|-----|-------------|------------------------|---------|
| 37              | New Pedestrian Push Button                     |     |     |             |                        |         |
|                 | 238210   | EA  | 5   | \$369.00    | \$1,845.00             |         |
| 38              | New Pedestrian Push Button Post                |     |     |             |                        |         |
|                 | 238210   | EA  | 10  | \$1,497.00  | \$14,970.00            |         |
| 39              | Tree Root Pruning, Barrier and Crown Reduction |     |     |             |                        |         |
|                 | 561730   | EA  | 20  | \$6,250.00  | \$125,000.00           |         |
| 40              | Tree (15 Gallon)                               |     |     |             |                        |         |
|                 | 561730   | EA  | 26  | \$1,788.00  | \$46,488.00            |         |
| 41              | WPCP Development                               |     |     |             |                        |         |
|                 | 541330   | LS  | 1   | \$760.00    | \$760.00               |         |
| 42              | WPCP Implementation                            |     |     |             |                        |         |
|                 | 237310   | LS  | 1   | \$24,736.00 | \$24,736.00            |         |
| <b>Subtotal</b> |  |     |     |             | <b>\$10,844,715.00</b> |         |
| <b>Total</b>    |  |     |     |             | <b>\$10,844,715.00</b> |         |

**Subcontractors**

| Name & Address   | Description                                      | License Num | CADIR      | Amount         | Type                 |
|--|--|-------------|------------|----------------|----------------------|
| <b>Pavement Recycling Systems, Inc.</b><br>10240 San Sevaine Way<br>Jurupa Valley, CA 91752<br>United States | Cold Milling (Constructor)                       | 569352      | 1000003363 | \$983,560.00   | PQUAL                |
| <b>HMS Construction, Inc</b><br>2885 Scott Street<br>Vista, CA 92081<br>United States                        | Traffic Loops & Push Buttons (Constructor)       | 765590      | 1000000923 | \$135,000.00   |                      |
| <b>Western Gardens Landscaping, Inc.</b><br>4616 Pannonia Rd.<br>Carlsbad, CA 92008<br>United States         | Root Pruning & Tree Planting (SLBE, Constructor) | 662550      | 1000004289 | \$149,000.00   | CADIR,ELBE           |
| <b>Statewide Stripes, Inc</b><br>PO Box 600710<br>San Diego, CA 92160-0710<br>United States                  | Striping & Pavement Markings (Constructor)       | 788286      | 1000001334 | \$98,454.00    |                      |
| <b>YBS CONCRETE INC.</b><br>PO BOX 1197<br>CHULA VISTA, CA 91911<br>United States                            | PCC Flatwork (SLBE, Constructor)                 | 885270      | 1000005182 | \$2,773,725.00 | LAT,MALE,SLBE,CA DIR |
| <b>LC Tree Service</b><br>4455 Murphy Canyon Road,<br>Suite 100<br>San Diego, CA 92123<br>United States      | Tree Removal (ELBE, Constructor)                 | 979396      | 1000059286 | \$49,250.00    | CAU,MALE,ELBE,CA DIR |

## Line Totals (Unit Price \* Quantity)

| Item Num | Section  | Item Code | Description  | Reference  | Unit of Measure | Quantity | Superior Ready Mix Concrete, L.P. - Unit Price | Superior Ready Mix Concrete, L.P. - Line Total |
|----------|----------|-----------|--|------------|-----------------|----------|--|--|
| 1        | Main Bid | 524126    | Bonds (Payment and Performance)                                    | 1-7.2.1    | LS              | 1        | \$45,000.00                                    | \$45,000.00                                    |
| 2        | Main Bid |           | Field Orders (EOC Type II)   | 7-3.9      | AL              | 1        | \$400,000.00                                   | \$400,000.00                                   |
| 3        | Main Bid | 237310    | Oil Price Index (EOC Type I)                                       | 7-3.11     | AL              | 1        | \$300,000.00                                   | \$300,000.00                                   |
| 4        | Main Bid | 237310    | Excavation for Base Repair   | 300-4.9    | CY              | 1620     | \$89.00  | \$144,180.00                                   |
| 5        | Main Bid | 237310    | Excavation for Base Repair (Unscheduled)                           | 300-4.9    | CY              | 1550     | \$118.00                                       | \$182,900.00                                   |
| 6        | Main Bid | 237310    | Asphalt Pavement Repair  | 301-1.7    | SF              | 35000    | \$2.50   | \$87,500.00                                    |
| 7        | Main Bid | 237310    | Asphalt Concrete Base  | 301-1.7    | TON             | 1700     | \$132.00                                       | \$224,400.00                                   |
| 8        | Main Bid | 237310    | Crushed Miscellaneous Base   | 301-2.4    | TON             | 2300     | \$66.00  | \$151,800.00                                   |
| 9        | Main Bid | 237310    | Crushed Miscellaneous Base (Unscheduled)                           | 301-2.4    | TON             | 2150     | \$77.00  | \$165,550.00                                   |
| 10       | Main Bid | 237310    | Asphalt Concrete   | 302-5.9    | TON             | 54000    | \$77.50  | \$4,185,000.00                                 |
| 11       | Main Bid | 237310    | Bus Stop Pad (9 Inch Thick)  | 302-6.8    | SF              | 2400     | \$21.70  | \$52,080.00                                    |
| 12       | Main Bid | 237310    | Historical and Contractor Date Stamps and Impressions              | 303-5.9    | EA              | 50       | \$163.00                                       | \$8,150.00                                     |
| 13       | Main Bid | 237310    | Remove and Replace Existing Sidewalk (SF)                          | 303-5.9    | SF              | 4000     | \$10.60  | \$42,400.00                                    |
| 14       | Main Bid | 237310    | Remove and Replace Curb and Gutter (LF)                            | 303-5.9    | LF              | 1100     | \$38.00  | \$41,800.00                                    |
| 15       | Main Bid | 237310    | Cross Gutter   | 303-5.9    | SF              | 83000    | \$17.40  | \$1,444,200.00                                 |
| 16       | Main Bid | 237310    | Residential Concrete Driveway                                      | 303-5.9    | SF              | 300      | \$22.50  | \$6,750.00                                     |
| 17       | Main Bid | 237310    | Curb Ramp  | 303-5.10.2 | EA              | 390      | \$3,635.00                                     | \$1,417,650.00                                 |
| 18       | Main Bid | 237310    | Pull Box   | 701-2      | EA              | 15       | \$1,150.00                                     | \$17,250.00                                    |
| 19       | Main Bid | 237310    | Removal and Replacement of Existing Paint Striping                 | 314-4.3.7  | LS              | 1        | \$38,742.00                                    | \$38,742.00                                    |
| 20       | Main Bid | 237310    | Painted Traffic Stripes and Painted Curb Markings (BARNET AV)      | 314-4.3.7  | LS              | 1        | \$20,473.00                                    | \$20,473.00                                    |
| 21       | Main Bid | 237310    | Painted Traffic Stripes and Painted Curb Markings (SANTO RD)       | 314-4.3.7  | LS              | 1        | \$9,177.00                                     | \$9,177.00                                     |
| 22       | Main Bid | 237310    | Painted Traffic Stripes and Painted Curb Markings (VIA DEL CAMPO)  | 314-4.3.7  | LS              | 1        | \$5,460.00                                     | \$5,460.00                                     |
| 23       | Main Bid | 237310    | Painted Traffic Stripes and Painted Curb Markings (W. BERNARDO DR) | 314-4.3.7  | LS              | 1        | \$25,701.00                                    | \$25,701.00                                    |
| 24       | Main Bid | 238990    | Video Recording of Existing Conditions                             | 400-1.1.1  | LS              | 1        | \$13,020.00                                    | \$13,020.00                                    |
| 25       | Main Bid | 238910    | Tree Removal and Disposal (Less Than 24-Inch Trunk Diameter)       | 401-7      | EA              | 20       | \$1,383.00                                     | \$27,660.00                                    |
| 26       | Main Bid | 238910    | Tree Removal and Disposal (24-Inch Trunk Diameter and Greater)     | 401-7      | EA              | 10       | \$3,147.00                                     | \$31,470.00                                    |
| 27       | Main Bid | 237310    | Raise Appurtenance to Grade (Water, Sewer)                         | 403-5      | EA              | 550      | \$58.00  | \$31,900.00                                    |
| 28       | Main Bid | 237310    | Adjust Survey Monument to Grade                                    | 403-5      | EA              | 20       | \$1,021.00                                     | \$20,420.00                                    |
| 29       | Main Bid | 237310    | Reconstruct Survey Monument Box                                    | 403-5      | EA              | 10       | \$1,316.00                                     | \$13,160.00                                    |
| 30       | Main Bid | 237310    | Traffic Detector Loop Replacement                                  | 404-12     | EA              | 250      | \$441.00                                       | \$110,250.00                                   |
| 31       | Main Bid | 237310    | Cold Milling   | 404-12     | SF              | 3670000  | \$0.34   | \$1,247,800.00                                 |
| 32       | Main Bid | 237310    | Speed Hump Remove & Replace  | 404-12     | LF              | 120      | \$163.00                                       | \$19,560.00                                    |
| 33       | Main Bid | 541330    | Traffic Control and Working Drawings                               | 601-7      | LS              | 1        | \$61,688.00                                    | \$61,688.00                                    |
| 34       | Main Bid | 541330    | Traffic Control and Engineered Traffic Control Plans               | 601-7      | LS              | 1        | \$32,830.00                                    | \$32,830.00                                    |
| 35       | Main Bid | 237310    | Pedestrian Barricade (Type A)                                      | 701-2      | EA              | 5        | \$543.00                                       | \$2,715.00                                     |
| 36       | Main Bid | 238210    | Pedestrian Push button relocation                                  | 701-2      | EA              | 10       | \$228.00                                       | \$2,280.00                                     |
| 37       | Main Bid | 238210    | New Pedestrian Push Button   | 701-2      | EA              | 5        | \$369.00                                       | \$1,845.00                                     |
| 38       | Main Bid | 238210    | New Pedestrian Push Button Post                                    | 701-2      | EA              | 10       | \$1,497.00                                     | \$14,970.00                                    |
| 39       | Main Bid | 561730    | Tree Root Pruning, Barrier and Crown Reduction                     | 801-9.2    | EA              | 20       | \$6,250.00                                     | \$125,000.00                                   |
| 40       | Main Bid | 561730    | Tree (15 Gallon)   | 801-9      | EA              | 26       | \$1,788.00                                     | \$46,488.00                                    |
| 41       | Main Bid | 541330    | WPCP Development   | 1001-4.2   | LS              | 1        | \$760.00                                       | \$760.00                                       |
| 42       | Main Bid | 237310    | WPCP Implementation  | 1001-4.2   | LS              | 1        | \$24,736.00                                    | \$24,736.00                                    |
|          |          |           |  |            |                 |          | Subtotal                                       | \$10,844,715.00                                |
|          |          |           |  |            |                 |          | Total  | \$10,844,715.00                                |