

City of San Diego

CONTRACTOR'S NAME: Martin Marietta San Diego Aggregates LLC dba ATP General Engineering Contractors

ADDRESS: 4211 Ponderosa Ave., Ste C, San Diego, CA 92123

TELEPHONE NO.: 858-944-6740

FAX NO.: _____

CITY CONTACT: Brittany Friedenreich, Senior Contract Specialist, Email: BFriedenreic@sandiego.gov

Phone No. (619) 533-3104

C. Chan / M. Jirjis Nakasha / N. Alkuree

PROPOSAL DOCUMENTS



FOR AC OVERLAY GROUP 2402

RFP NO.:	<u>K-24-2305-DB1-3</u>
SAP NO. (WBS/IO/CC):	<u>B-24012</u>
CLIENT DEPARTMENT:	<u>2116</u>
COUNCIL DISTRICT:	<u>1, 5</u>
PROJECT TYPE:	<u>ID</u>

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

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

THIS CONTRACT MAY BE SUBJECT TO THE FOLLOWING:

- PHASED-FUNDING

PROPOSALS DUE:

2:00 PM


AUGUST 7, 2024

CITY OF SAN DIEGO'S ELECTRONIC BIDDING SITE, PLANETBIDS

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

DEPUTY CITY ENGINEER

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



1) For City Engineer

06/20/2024

Date

Seal:





2) For City Engineer

06/20/24

Date

Seal:



TABLE OF CONTENTS

SECTION	PAGE
REQUEST FOR PROPOSAL	
1. INTRODUCTION AND PROJECT OVERVIEW.....	5
2. SUMMARY OF WORK	5
3. COMPETITION.....	6
4. PROPOSAL DUE DATE AND TIME.....	6
5. ESTIMATED PROJECT COST	6
6. LICENSE REQUIREMENT	6
7. CONTRACT PERIOD.....	6
8. PREVAILING WAGE RATES	6
9. PHASED FUNDING	6
10. PRE-PROPOSAL MEETING	6
11. SUBCONTRACTING PARTICIPATION PERCENTAGES.....	7
12. SELECTION AND AWARD SCHEDULE	8
INSTRUCTIONS TO PROPOSERS AND GENERAL CONDITIONS	
1. Prequalification of Contractors and California State License	9
2. Electronic Format Receipt and Opening of Proposals	10
3. Electronic Submissions Carry Full Force And Effect	11
4. Proposals are Public Records.....	11
5. Equal Opportunity Contracting Program.....	12
6. Pre-Proposal Activities	13
7. Examination of Plans, Specifications, and Site Of Work.....	14
8. Changes to The Scope of Work	14
9. Design Submittals	15
10. Bonds and Insurance	15
11. Submittal Requirements	15
12. Selection Criteria and Scoring.....	17
13. Subcontractor Information.....	17
14. Award	18
15. Additional Policies, Procedures, Terms and Conditions.....	19
CERTIFICATIONS AND FORMS.....	22

TABLE OF CONTENTS

SECTION	PAGE
ATTACHMENTS	
A.	PROJECT DESCRIPTION, SCOPE OF WORK, TECHNICAL SPECIFICATIONS, AND BRIDGING DOCUMENTS..... 35
B.	PHASED FUNDING PROVISIONS..... 76
C.	EQUAL OPPORTUNITY CONTRACTING PROGRAM 80
D.	PREVAILING WAGE 91
E.	SUPPLEMENTARY SPECIAL PROVISIONS 105
	TECHNICALS..... 160
	Appendix A – Notice of Exemption 165
	Appendix B - Fire Hydrant Meter Program..... 168
	Appendix C - Materials Typically Accepted by Certificate of Compliance 182
	Appendix D - Sample City Invoice 184
	Appendix E - Resurfacing Limits Map Books 186
	Appendix F - Adjacent Projects Maps 199
	Appendix G - Contractor’s Daily Quality Control Inspection Report 208
	Appendix H - Sample of Public Notice 211
	Appendix I- Advanced Metering Infrastructure (AMI) Device Protection 213
	Appendix J - Estimated Asphalt Construction Quantities 220
	Appendix K – Contractor’s Notes 222
	Appendix L – Concrete Scope Sheet..... 229
	Appendix M – Arborist Table 250
	Appendix N – Coring Report..... 252
	Appendix O – Coastal Development Permit Exemption 260
F.	IN-USE OFF-ROAD DIESEL FUELED FLEET REGULATION (OFF-ROAD REGULATION) COMPLIANCE (CARB) 263
G.	EVALUATION AND SELECTION CRITERIA..... 267
H.	PRICE FORMS..... 272
I.	DESIGN-BUILD AGREEMENT 281
PERFORMANCE BOND AND LABOR AND MATERIAL MEN’S BOND 284	
ELECTRONICALLY SUBMITTED FORMS 286	

REQUEST FOR PROPOSAL

1. INTRODUCTION AND PROJECT OVERVIEW

1.1. SOLICITATION

- 1.1.1 This is the City of San Diego's (City) solicitation process to acquire Design-Build services for the **AC Overlay Group 2402** Design-Build project.
- 1.1.2 This RFP describes the Project, the required Scope of Work and Services, the Design-Builder selection process, the minimum information that shall be included in the Proposal for this Project and the terms and conditions governing the Work. Failure to submit all requested information in accordance with the requirements of this Request for Proposal (RFP) may be cause for disqualification.
- 1.1.3 Each Proposal, properly executed as required by this RFP, shall constitute a firm offer which may be accepted by the City within the time specified in the Proposal.
- 1.1.4 This RFP will not commit the City to award a contract, to defray any costs incurred in the preparation of a Proposal pursuant to this RFP, or to procure or contract for the Work.
- 1.1.5 Selection announcements, contract awards, and all data provided by the City shall be protected by the Design-Builder from public disclosure. The Design-Builders desiring to release information to the public, shall receive prior written approval from the City.
- 1.1.6 The Design-Builder, by submitting a response to this RFP, agrees to provide the required services for the terms and conditions noted in this RFP and its exhibits if awarded by the City. The agreement and other terms and conditions are included in the Design-Build Contract and The GREENBOOK, The WHITEBOOK, and the Supplementary Special Provisions (SSP).
- 1.1.7 Any architectural firms, engineering firms, specialty consultants, or individuals retained by the City to assist in drafting the RFPs or the Project's preliminary design may not be eligible to participate in the competition with any Design-Build Entity. It is the responsibility of the Design-Build entity to obtain the required legal advice necessary to resolve such matters.

- 2. **SUMMARY OF WORK:** This is the City's solicitation process to acquire Design-Build services for a Design-Build project to resurface approximately 11.48 miles of existing roadway with asphalt concrete pavement, curb ramps installation, subgrade repairs, replacement of cross gutters, installation of pedestrian barricades, installation or relocation of pedestrian push buttons, remove and replace sidewalk and curb/gutters, raising appurtenances and survey monuments to grade, remove/replace striping, bike lane striping, street sweeping, and replacing/installing vehicle detector loops and stubs. The scope also includes assessment,

design, the construction of 24 curb corners and construction of 61 standard curb ramps, engineered traffic control and procurement of Caltrans Encroachment Permit. Project is located within Community Planning area: Carmel Valley, La Jolla, Via De La Valle, Rancho Penasquitos. Council District: 1 and 5. For additional information refer to Attachment A.

3. **FULL AND OPEN COMPETITION:** This contract is open to full competition and may be bid on by Contractors who are on the City's current Prequalified Contractors' List. For information regarding the Contractors Prequalified list visit the City's web site: <http://www.sandiego.gov>.
4. **PROPOSAL DUE DATE AND TIME ARE: August 7, 2024 at 2:00 PM**
5. **ESTIMATED PROJECT COST:** The City's estimated cost for this project is **\$14,610,000.00**.
6. **LICENSE REQUIREMENT:** To be eligible for award of this contract, Prime contractor must possess the following licensing classification: **A**
7. **CONTRACT PERIOD:** The Project shall be completed within **226 Working Days** from the Notice to Proceed (NTP).
8. **PREVAILING WAGE RATES APPLY TO THIS CONTRACT:** Refer to Attachment D.
9. **PHASED FUNDING:** This contract may be subject to phased funding, for Conditions, see Attachment B.
10. **PRE-PROPOSAL MEETING:**

10.1. ONLINE PRE-PROPOSAL MEETING:

Prospective Bidders are **Encouraged** to attend the Pre-Proposal Meeting.

The Pre-Proposal Meeting will be held on **Wednesday, July 10, 2024**, at **11:00 AM** (PDT) at:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 275 436 782 897

Passcode: GFY4RK

Dial in by phone

[+1 945-468-5511,,993639128#](#) United States, Dallas

[Find a local number](#)

Phone conference ID: 993 639 128#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Please Note: You will need to join the meeting with a computer, tablet or smartphone with the **Microsoft Teams** in order to sign in via the Chat feature as attendance at the meeting will be evidenced by the Chat sign-in. The Chat feature will also be used for attendees to ask any questions.

The purpose of the meeting is to discuss the scope of the Project, submittal requirements, and any Equal Opportunity Contracting Program requirements and reporting procedures.

Upon entering the meeting, all attendees must use the chat feature to sign in with the following information: Name of firm, Attendee's name, Phone number and Email address.

11. SUBCONTRACTING PARTICIPATION PERCENTAGES: Subcontracting participation percentages apply to this contract.

11.1. The City has incorporated mandatory SLBE-ELBE subcontractor participation percentages to enhance competition and maximize subcontracting opportunities. For the purpose of achieving the mandatory subcontractor participation percentages, a recommended breakdown of the SLBE and ELBE subcontractor participation percentages based upon certified SLBE and ELBE firms has also been provided to achieve the mandatory subcontractor participation percentages:

- 1. SLBE participation **7.8%**
- 2. ELBE participation **7.3%**
- 3. Total mandatory participation **15.1%**

11.2. The current list of Certified SLBE/ELBE Firms to be used for outreach for this project is posted to the Documents tab on Planetbids.

11.3. The Proposal will be declared **non-responsive** if the Proposer fails to meet the following mandatory requirements:

11.3.1. Proposer's inclusion of SLBE-ELBE certified subcontractors at the overall mandatory participation percentage identified in this document.
OR

11.3.2. Submit Good Faith Effort (GFE) documentation, saved in searchable Portable Document Format (PDF), demonstrating the Bidder made a good faith effort to conduct outreach to and include SLBE-ELBE Subcontractors as required in this solicitation by 5 PM 3 Working Days after the Bid opening if the overall mandatory participation percentage is not met.

All submittals in searchable PDF shall be submitted electronically within the prescribed time identified in the contract documents via PlanetBids by invitation to the point of contact named in the bid provided by the Contract Specialist to all bidders.

12. SELECTION AND AWARD SCHEDULE:

12.1. The City anticipates that the process for selecting a Design-Builder and awarding the contract will be according to the following tentative schedule. Dates are subject to change:

- 12.2.** Pre-Proposal Meeting **July 10, 2024**
- 12.3.** Proposal Due Date **August 7, 2024**
- 12.4.** Selection and Notification **September, 2024**
- 12.5.** Limited Notice to Proceed **December, 2024**

INSTRUCTIONS TO PROPOSERS AND GENERAL CONDITIONS

1. PREQUALIFICATION OF CONTRACTORS AND CALIFORNIA STATE LICENSE:

- 1.1. Contractors submitting a Proposal 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 PROPOSALS: Proposals will be received in electronic format (eBids) EXCLUSIVELY** at the City of San Diego's electronic bidding (eBidding) site, at: <https://www.sandiego.gov/cip/bidopps/> and are due by the date, and time shown on the cover of this solicitation.
- 2.1. **PROPOSERS MUST BE PRE-REGISTERED** with the City's bidding system and possess a system-assigned Digital ID in order to submit an electronic proposal.
- 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. Upon entry of their proposal, the system will ensure that all required fields are entered. **The system will not accept a proposal 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. **PROPOSALS REMAIN SEALED UNTIL DUE DATE AND TIME.** eBids and eProposals 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. Proposals submitted prior to the Due Date and Time are not available for review by anyone other than the submitter, who will have until the Due Date and Time to change, rescind or retrieve its proposal should they desire to do so.
- 2.5. **PROPOSALS MUST BE SUBMITTED BY DUE DATE AND TIME.** Once the deadline is reached, no further submissions are accepted into the system. Once the Due Date and Time has passed, 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, Equal Opportunity Contracting Program (EOCP) compliance and other issues.
- 2.6. **TECHNICAL PROPOSAL AND PRICE PROPOSAL ARE TO BE SEPARATE.** The proposer is to submit two separate proposal PDFs by the due date and time.
- 2.6.1. The Technical proposal, which should contain the items detailed below and in Attachment G. There is to be **NO PRICING** information within this proposal. If a Technical proposal contains pricing information, the submission may be deemed non-responsive and ineligible for further consideration, and
- 2.6.2. The Price proposal, which should detail the cost structure and include any forms as required herein.

2.7. RECAPITULATION OF THE WORK. Proposals shall not contain any recapitulation of the Work. Conditional proposals may be rejected as being **non-responsive**. Alternative proposals will not be considered unless called for.

2.8. PROPOSALS MAY BE WITHDRAWN by the Proposer prior to, but not after, the time set as Due Date and Time.

2.8.1. Important Note: Submission of the electronic proposal 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 proposer's submission to upload and be received by the City's eBidding system. It is the proposer's sole responsibility to ensure their proposals are received on time by the City's eBidding system. The City of San Diego is not responsible for proposals that do not arrive by the required date and time.

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

3. ELECTRONIC SUBMISSIONS CARRY FULL FORCE AND EFFECT

3.1. The proposer, by submitting its electronic proposal, 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 proposal, the proposer certifies that the proposer 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 proposal, the proposer 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 Proposer, by submitting their electronic proposal, 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 proposal are true and correct.

3.4. Each properly signed Proposal shall constitute a firm offer that may be accepted by the City within the time frame specified herein.

3.5. The Proposer 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.

4. PROPOSALS ARE PUBLIC RECORDS: Upon receipt by the City, proposals 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 proposal's 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. EQUAL OPPORTUNITY CONTRACTING

5.1. As set forth in this RFP, the City is dedicated to the principles of equal opportunity in the workplace and in subcontracting. It is the City's expectation that firms doing business with the City have, and are able to demonstrate, the same level of commitment.

5.2. The Design-Builders are encouraged to take positive steps to diversify and expand their subcontractor solicitation base and to offer contracting opportunities to all eligible certified Subcontractors in accordance with the City's EOCP requirements included in the Contract Documents.

5.3. Design-Builder's Work Force

5.3.1. The Design-Builders shall submit with its Proposal a Work Force Report (EOC Form BB05) and prior to award of contract, the successful Design-Builder shall submit to the City's EOCP office an updated Work Force Report or an Equal Employment Opportunity (EEO) Plan.

5.3.2. If under representations are noted in the Work Force Report when compared to County Labor Force Availability data, the Design-Builder shall submit an Equal Opportunity Plan. Any Equal Employment Opportunity Plan submitted shall include the elements as outlined in the EOCP Requirements (see Attachment C, Equal Opportunity Contracting Program).

5.3.3. 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>

5.4. Nondiscrimination Ordinance (Municipal Code §§ 22.2701-22.2708)

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

- 5.4.2. This language shall be in contracts between the Design-Builder and any Subcontractors and Suppliers.
- 5.4.3. As part of its Proposal, the Design-Builder shall provide to the City a list of all instances within the last 10 years where a complaint was filed or pending against Design-Builder in a legal or administrative proceeding alleging that Design-Builder discriminated against its employees, the Subcontractors, or Suppliers, and a description of the status or resolution of that complaint, including any remedial action taken. If there have not been any complaints filed or pending against Design-Builder, a written statement from the Design-Builder to confirm shall be included in the Proposal.

5.5. Contractor Registration and Electronic Reporting System

- 5.5.1. Prior to the award of the Contract, the Design-Builder, Subcontractors, and Suppliers must register with the City's web-based vendor registration and bid management system, BidsOnline, hosted by PlanetBids System. For additional information go to:

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

- 5.5.2. 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.

- 5.5.3. Following the award of the Contract, the Design-Builder will be required to use the City's web-based contract compliance application for EOCP reporting purposes e.g., Weekly Certified Payroll, Monthly Employment Utilization, and Monthly Payments. Online tutorials are available at:

<https://stage.prismcompliance.com/etc/vendortutorials.htm>

5.5.3.1. The City may retain progress payments if:

5.5.3.2. The non-registered Design-Builder, Subcontractors or Suppliers fail to register.

5.5.3.3. EOCP reporting is delinquent or inadequate.

5.5.3.4. Underpayment has occurred.

6. PRE-PROPOSAL ACTIVITIES

6.1. Submission of Questions

- 6.1.1. The Director (or designee) of the Purchasing & Contracting Department is the officer responsible for opening, examining, and evaluating the competitive Proposals submitted to the City for the acquisition, construction, and

completion of any public improvement except when otherwise set forth in these documents. All questions related to this solicitation shall be submitted to:

Brittany Friedenreich at BFriedenreic@sandiego.gov

- 6.1.2.** Questions received less than 14 Days prior to the Proposal due date may not be considered.
- 6.1.3.** 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.
- 6.1.4.** Only questions answered by formal written addenda shall be binding. Oral and other interpretations or clarifications shall be without legal effect. It is the Design-Builder's responsibility to be informed of any Addenda that have been issued and to adjust its Proposal accordingly.

6.2. Revisions to the RFP

The City, at its option, 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.

Any changes to the Contract Documents through addendum are made effective as though originally issued with the Proposal. The Design-Builders shall acknowledge the receipt of Addenda at the time of Proposal submission.

7. EXAMINATION OF PLANS, SPECIFICATIONS, AND SITE OF WORK

- 7.1.** 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 Purchasing & Contracting Department, Public Works Division.
- 7.2.** The Design-Builders shall carefully examine the Project Site, the Plans and Specifications, and other materials as described in or referenced by this RFP. The submission of a Proposal shall be conclusive evidence that the Design-Builder 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, local conditions, and as to the requirements of the Contract Documents.

- 8. CHANGES TO THE SCOPE OF WORK:** Once a proposal has been accepted by the City and the award has been made, the Design-Builder shall immediately notify the City in writing of any proposed or anticipated change in the scope, contract amount, or contract time; and shall obtain the City's written consent to the change(s) prior to affecting them. In no event shall the City's consent be construed to relieve the Design-Builder from its duty to render all work and services in accordance with applicable laws and accepted industry standards

9. **DESIGN SUBMITTALS:** The City's review of the Design-Builder's Design Submittals shall not relieve the Design-Builder from its responsibilities under the Contract, or be deemed to be an acceptance or waiver by City of any deviation from, or of the Design-Builder's failure to comply with, any provision or requirement of the Contract Documents, unless such deviation or failure has been identified as such in writing in the document submitted for acceptance by the Design-Builder and accepted by City. Where approval or acceptance by City is required, it is understood to be general approval only, and does not relieve the Design-Builder of responsibility for complying with all applicable laws and good professional practices as the Design-Builder shall be the Engineer of Record.
10. **BONDS AND INSURANCE:** Prior to the award of the Contract (or Task Order), the Design-Builders shall submit evidence of separate bonds and insurance as specified in Section 5-4, "INSURANCE," of the City's standard specifications for public works construction unless specified otherwise in the Contract Documents.
11. **SUBMITTAL REQUIREMENTS: PROPOSALS MUST BE RECEIVED NO LATER THAN THE DUE DATE AND TIME.** Proposals may be withdrawn by the Design-Builder only up to the proposal due date and time.

IMPORTANT NOTE: Submission of the electronic proposals 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 that their bids / proposals are received on time by the City's eBidding system. The City of San Diego is not responsible for bids / proposals that do not arrive by the required date and time.

11.1. TECHNICAL PROPOSAL REQUIREMENTS: Technical Proposals submitted in response to this RFP shall be in the following order and shall include:

- Legal name of company.
- Legal form of entity (partnership, corporation, joint venture, or other). If joint venture, identify the members of the joint venture, and provide all information required under this section for each member.
- Year of establishment of entity.
- If company is subsidiary of a parent company, identify the parent company.
- Address of main office.
- Address of San Diego satellite office if applicable.
- Contact information for firm, including name, title, email address and telephone number.
- Number of employees in San Diego County.
- Applicable License(s):
- City of San Diego Business License Number, including expiration date.

- State Contractor's License Number including expiration date, and all classifications. Professional Engineering/Architect License Number, including expiration date.
- Failure to provide all required information may result in the Proposal being considered non-responsive and ineligible for further consideration.

11.1.1. The Technical Proposal shall be concise, well organized, and demonstrate the Design-Builder's qualifications and experience applicable to the Project. The Technical Proposal shall be limited to 50 one-sided pages (8 1/2" x 11"), exclusive of resumes, graphics, forms, pictures, photographs, dividers, front and back cover, etc., that address the Technical Proposal contents; and of Equal Opportunity Contracting documentation. Font Type shall be Times New Roman in a minimum 12 Point font size, with a minimum 1" margin for text pages. A cover letter may be submitted but shall not contain any information that is a required element of the Technical Proposal. Any Technical Proposal that does not comply with these formatting standards may not be considered.

11.1.2. The Technical Proposals submitted in response to this RFP shall be in accordance with the requirements listed in ATTACHMENT G. The contents of the Technical Proposal shall be organized consistent with the format in Attachment G.

11.1.3. Design elements which deviate from the Scope of Work, City's design guidelines, or material substitutions which differ from the Approved Material List shall be highlighted in accordance with Attachment G.

11.1.4. Failure to comply with this section may render the Design-Builder's submittal non-responsive and ineligible for further consideration.

11.2. PRICE PROPOSAL REQUIREMENTS

11.2.1. A clearly marked, signed PDF of the Price Proposal is to be submitted in a separate PDF. This **is not** to be included with the Technical proposal. Refer to Attachment H of this RFP for any Price Proposal forms required to be used.

11.2.2. The Price Proposal shall be signed by an individual or individuals authorized to execute legal documents on behalf of the Design-Builder.

11.2.3. The lowest proposed price is not the determining factor for award of this contract. See Attachment G for the criteria by which the proposals will be evaluated.

11.2.4. In the event of any discrepancies, written numbers will govern over numerical. Also, the sum of all lump sum line items, unit price line items, allowance line items and any other priced items will govern over the "Total Design-Build Proposal" line item.

11.2.5. The required EOCP information such as Subcontractor and Supplier listings shall be submitted as part of the Price Proposal.

12. SELECTION CRITERIA AND SCORING

- 12.1. An evaluation Panel comprised of representatives from the City will be established for this Project. The Panel may also include other interested parties such as additional participating agencies, representative from the community and other appropriate agencies such as the State Water Resource Control Board.
- 12.2. Proposals will be ranked according to the selection criteria set forth in Attachment G.
- 12.3. The Panel will review all proposals received. Interviews or presentations will be conducted as needed in accordance with Attachment G.
- 12.4. Based upon this technical review, the Panel will rank the Design-Builders' proposals in accordance with the selection criteria set forth in Attachment G of this RFP.
- 12.5. Once the Technical Proposals have been ranked by the Panel, the Design-Builders' price proposals will be made available to the panel and forwarded to EOCP for review and scoring of subcontractor participation. The EOCP score will then be added to the Design-Builders' cumulative scores.

13. SUBCONTRACTOR INFORMATION:

- 13.1. **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 - General; 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.

- 13.2. 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.
- 13.3. LISTING OF SUBCONTRACTORS OR SUPPLIERS FOR ALTERNATES.** For subcontractors or suppliers to be used on alternate items, bidder shall use the provided **"Subcontractors For Alternates"** form and shall indicate for each alternate subcontract whether it is an additive or deductive alternate; the subcontractor's name, location, phone number, email address, CA license number, and DIR registration number; whether the subcontractor is a designer, constructor or supplier; the type of work the subcontractor will be performing; and the dollar value of the subcontract for that alternate item. Failure to comply with this requirement may result in the bid being rejected as **non-responsive** and ineligible for award.

14. AWARD

- 14.1.** After the Technical Proposals have been evaluated, scored and ranked; the Price proposals will be factored in according to the criteria set forth in Attachment G. A Design-Builder selection will then be made.
- 14.2.** The City will announce in writing to all the RFP participants the selected Design-Builder. The announcement will show the results of the evaluation. This notification to the Design-Builders shall constitute the public announcement of the selected Design-Builder. In the event that the selected Design-Builder is subsequently deemed non-responsive or non-responsible, a new public announcement will be provided to all proposers with the name of the newly designated selected Design-Builder.
- 14.3.** This RFP will not commit the City to award a contract, to defray any costs incurred in the preparation of a Proposal pursuant to this RFP, or to procure or contract for the Work.
- 14.4.** Selection announcements, contract awards, and all data provided by the City shall be protected by the Design-Builder from public disclosure. The Design-Builders desiring to release information to the public shall receive prior written approval from the City.

- 14.5. Design-Builders who submit a response to this RFP agree to provide the required services in accordance with the terms and conditions noted in this RFP and its attachments upon award by the City. The agreement and other terms and conditions are included in the Design-Build Contract, The GREENBOOK, The WHITEBOOK, and the Supplementary Special Provisions (SSP).
- 14.6. Any architectural firms, engineering firms, specialty consultants, or individuals retained by the City to assist in drafting the RFPs or the Project's preliminary design may not be eligible to participate in the competition with any Design-Build Entity without the prior written consent of City. Any architectural firms, engineering firms, specialty consultants, or individuals retained by the City to assist in drafting any Reference Documents, such as the Water Department's Master Plan and any other document that was not prepared specifically for this contract, are considered to be eligible to participate.
- 14.7. To obtain the price Proposal 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 Proposal name and number. The Proposal tabulations will be mailed to you upon their completion. The results will not be given over the telephone.

15. **ADDITIONAL POLICIES, PROCEDURES, TERMS AND CONDITIONS**

- 15.1. The Program's Selection Process is based on the policies, procedures and guidelines set forth in the City Municipal Code Chapter 2, Article 2, Division 33.
- 15.2. **Protests.** A Design-Builder may protest the award of the Contract to another Design-Builder in accordance with San Diego Municipal Code.
- 15.3. **Changes to Key Personnel and Substitution of Subcontractors.** The Design-Builder shall not change or substitute any individual that is identified in its proposal as "key personnel" without the written consent of the City. The Design-Builder shall not change or substitute any material, supplier, or subcontractor identified in its Proposal without written consent of the City. The City's consent will not be unreasonably withheld.
- 15.4. **Project Team.** The Design-Builder shall maintain all representations, team members, and proposed tasks and work elements as valid, except for the schedule which may be adjusted as mutually agreed upon by the City and the Design-Builder.
- 15.5. **Submittal of "Or Equal" Items.** See 4- 6, "Trade Names or Equals" in the SSP and as modified by the Scope of Work ATTACHMENT A.
- 15.6. **Subcontract Limitations.** The Design-Builder's attention is directed to Standard Specification for Public Works Construction, Section 3-2, "SELF-PERFORMANCE", which requires the Design-Builder to perform not less than the specified amount under this RFP. Failure to comply shall render the Proposal non-responsive.

- 15.7. San Diego Business Tax Certificate.** All Contractors, including 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, before the Contract can be executed.
- 15.8. City Standard Provisions.** The work resulting from this RFP is subject to the following standard provisions. See The WHITEBOOK for details.
- 15.8.1.** The City of San Diego Resolution No. R-277952 adopted on May 20, 1991 for a Drug-Free Workplace.
 - 15.8.2.** The City of San Diego Resolution No. R-282153 adopted on June 14, 1993 related to the Americans with Disabilities Act.
 - 15.8.3.** The City of San Diego Municipal Code §22.3004 for Pledge of Compliance.
 - 15.8.4.** The City of San Diego’s Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.
 - 15.8.5.** 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.
 - 15.8.6.** The City’s Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).
 - 15.8.7.** The City’s Information Security Policy (ISP) as defined in the City’s Administrative Regulation 90.63.
- 15.9. Prevailing Wage Rates Apply:** Refer to Attachment D.
- 15.10. Reference Standards:** Except as otherwise noted or specified, the Work shall be completed in accordance with the following standards:

Title	Edition	Document Number
Standard Specifications for Public Works Construction (“The GREENBOOK”) http://www.greenbookspecs.org/	2021	ECPI010122-01
City of San Diego Standard Specifications for Public Works Construction (“The WHITEBOOK”)* https://www.sandiego.gov/ecp/edocref/greenbook	2021	ECPI010122-02
City of San Diego Standard Drawings* https://www.sandiego.gov/ecp/edocref/standarddraw	2021	ECPI010122-03
Citywide Computer Aided Design and Drafting (CADD) Standards https://www.sandiego.gov/ecp/edocref/drawings	2018	PWPI010119-04

Title	Edition	Document Number
California Department of Transportation (CALTRANS) Standard Specifications https://dot.ca.gov/programs/design/july-2023-ccs-standard-plans-and-standard-specifications	2023	ECPD092023-05
CALTRANS Standard Plans https://dot.ca.gov/programs/design/july-2023-ccs-standard-plans-and-standard-specifications	2023	ECPD092023-06
California Manual on Uniform Traffic Control Devices Revision 8 (CA MUTCD Rev 8) https://dot.ca.gov/programs/safety-programs/camutcd	2014	ECPD032324-07
<p>NOTE: *Available online under Engineering Documents and References at: https://www.sandiego.gov/ecp/edocref/</p> <p>*Electronic updates to the Standard Drawings may also be found in the link above</p>		

CERTIFICATIONS AND FORMS

The Proposer, by submitting its electronic bid or proposal, 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 submission are true and correct.

**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.

CONTRACTOR CERTIFICATION

IN-USE OFF-ROAD DIESEL FUELED FLEET REGULATION (OFF-ROAD REGULATION) COMPLIANCE

I hereby certify that Contractor is familiar with the requirements 13 CCR 2449, 2449.1, and 2449.2, as well as Attachment F, In-Use Off-Road Diesel Fueled Fleet Regulation (Off-Road Regulation) Compliance (CARB), and that Contractor shall comply with these requirements.

I further certify that each of the Contractor's listed subcontractors is familiar with these requirements and shall also comply.

CONTRACTOR CERTIFICATION

PRODUCT ENDORSEMENT

I declare under penalty of perjury that I acknowledge and agree to comply with the provisions of City of San Diego Administrative Regulation 95.65, concerning product endorsement. Any advertisement identifying or referring to the City as the user of a product or service requires the prior written approval of the City.

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:

AC OVERLAY GROUP 2402

(Project Title)

as particularly described in said contract and identified as RFP No. **K-24-2305-DB1-3**; SAP No. (WBS) **B-24012**; and **WHEREAS**, the specification of said contract requires the Contractor to affirm that "all brush, trash, debris, and surplus materials resulting from this project have been disposed of in a legal manner"; and **WHEREAS**, said contract has been completed and all surplus materials disposed of:

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

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

Dated this _____ DAY OF _____, _____.

By: _____
Contractor

ATTEST:

State of _____ County of _____

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

Notary Public in and for said County and State

COMPANY LETTERHEAD
CERTIFICATE OF COMPLIANCE

Materials and Workmanship Compliance

For Contract or Task _____

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

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

Material Description:

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

Signed by: _____

Printed Name: _____

Title: _____

Company: _____

Date: _____

City of San Diego
Engineering & Capital Projects Department
CONSTRUCTION MANAGEMENT AND FIELD SERVICES

NOTICE OF MATERIALS TO BE USED

To: _____ Date: _____, 20____
Resident Engineer

You are hereby notified that the materials required for use under Contract No. _____
for construction of _____,
_____ in the City of San Diego, will be obtained from sources herein designated.

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

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

Distribution:

Supplier

Signature of Supplier

Address

ATTACHMENTS

ATTACHMENT A

**PROJECT DESCRIPTION, SCOPE OF WORK, TECHNICAL SPECIFICATIONS, AND
BRIDGING DOCUMENTS**

PROJECT DESCRIPTION, SCOPE OF WORK, TECHNICAL SPECIFICATIONS, AND BRIDGING DOCUMENTS

1. PROJECT DESCRIPTION:

This project includes the overlay of approximately 11.48 miles of existing roadway with asphalt concrete pavement, make subgrade repairs where needed, the assessment and replacement of curb ramps to meet Americans with Disabilities Act (ADA) compliant ramps, remove and replace cross gutters, remove and replace existing damaged sidewalk and curb/gutters. The scope of work includes but is not limited to:

- a) The assessment, design and construction of 24 curb corners. Location of these special design curb ramps are included in the Concrete Scope Sheets and indicated as Special Design ("S") as well as identified on the Resurfacing Limits Map Books provided in the Bridging Documents.
- b) Install and replace 61 standard curb ramps, remove and replace cross gutters, remove and replace sidewalk and curb/gutters, replacement of alley aprons, replacement of driveways, installation of pedestrian barricades, installation, replacement or relocation of pedestrian push buttons as provided in the bridging documents.
- c) Root pruning, crown reduction, installation of root barriers, tree removal, replacement of trees if within the curb ramp locations or transition areas as needed.
- d) Grinding, cold milling, hauling and disposal of the existing asphalt, installment of new pavement for approximately 11.48 miles, base repairs, raising appurtenances and survey monuments to grade, street sweeping, striping, replacing vehicle detector loops and stubs and storm drain inlet protection as provided in the bridging documents.
- e) Preparation of Engineered Traffic Control Plans for selected streets as indicated in the bridging documents.
- f) Procurement of Caltrans Encroachment Permit and preparation of any supporting plans and documents related to the permit application.

2. SCOPE OF WORK:

- 2.1** The Work and Services required of the Design-Builder include those during design and construction of the Project. The Design-Builder shall provide all management, supervision, labor, services, equipment, tools, supplies, temporary facilities, and any other item of every kind and description required for the complete design and construction of the Project.
- 2.2** The Design-Builder shall be responsible for performing and completing, and for causing all Sub-consultants/Subcontractors to perform and complete the design and construction of the Project as set forth in the Contract Documents.

- 2.3** The Design-Builder shall provide all Work and Services required by the Contract Documents, including those described as “if required,” “if directed,” “potential,” “optional,” “may,” or similar adjectives and phrases. This work falls under the appropriate proposal items.
- 2.4** The Design-Builder covenants that the Services shall meet the performance expectations of the City as described in this Scope. The Design-Builder shall be responsible for achieving Completion of the Project as set forth in the Project Schedule, as the same may be extended from time to time pursuant to the provisions of the Contract.
- 2.5** The submission of a Proposal shall be conclusive evidence that the Design-Builder 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, the local conditions under which the Work is to be performed, and as to the requirements of the Proposal Documents, Plans, and Specifications.
- 2.6** As the Engineer of Work, the Design-Builder shall refer to the City’s preliminary design information for the purpose of preparing a set of Plans and Specifications for the construction.
- 2.7** The Scope of Work and Services [Scope] shall also include but is not limited to the following:
- 2.7.1** Conducting investigations and as-built research needed for the completion of design work.
 - 2.7.2** Preparing and completing 30%,100%, and Final design drawings. The Design-Builder is solely responsible for the preparation and completion of design plans for construction.
 - 2.7.3** Monitoring for potential of any hazardous materials and coordination with local resource agencies.
 - 2.7.4** Relocation, installation or replacement of pedestrian push buttons and pedestrian barricades.
 - 2.7.5** Coordination with the City Arborist for tree evaluation and recommendations for root pruning, crown reduction, installation of root barriers, removal and possible replacement of trees if not indicated in the bridging documents for arborist recommendations.
 - 2.7.6** Retain an Arborist during design and construction for recommendations, evaluation and coordination with the City Arborist.
 - 2.7.7** Value engineering.
 - 2.7.8** Additional potholing, if applicable.

- 2.7.9** Performance and implementation of QA/QC.
- 2.7.10** Clearing and Grubbing as well as replacement of damaged irrigation cause by construction of curb ramps.
- 2.7.11** Traffic control, striping, storm water permitting and compliance.
- 2.7.12** Surface restoration for each phase of the project shall occur at the completion of construction for that phase and not at the end of construction of all phases;
- 2.7.13** Coordinating with the City Project and Construction Managers and other utility owners/contractors; Coordinate utility relocations with utility owners; and
- 2.7.14** Scheduling, community outreach and public relations, and preparation of as-built drawings and mylars.
- 2.8** The Design-Builder shall use CADD in compliance with the City's "Consultant Standards for Preparation of PS&E."
- 2.9** The Design-Builder shall use the Primavera Project Management and Scheduling Software or equal. The Design-Builder shall submit and maintain a task oriented computerized schedule for completing the Work over the life of the Project in accordance with Section 6-1, "CONSTRUCTION SCHEDULE AND COMMENCEMENT OF THE WORK."
- 2.10** As required by California Government Code section 830.6, prior to construction, the design (including changes) for the Project and/or any portion thereof shall be approved by the Engineer.
- 2.11** Permit to work on private property acquisition.
- 2.12** If required to remove trees, Design-Builder shall draft watering agreements and provide to the property owners for signature. If watering agreement is signed by the property owner, the Design-Builder shall be responsible for installing a tree per the recommendation species by the City Arborist. If the watering agreement is not signed, the Design-Builder will not install a tree.
- 2.13** Procurement of Caltrans Encroachment Permit and preparation of any supporting plans and documents related to the permit application.

3. CITY SERVICES:

- 3.1** The City will provide only the services listed in this section. All other services necessary for complete design and construction of the Project shall be provided by Design-Builder.
 - 3.1.1** Project Management and Administration. The City will respond to Design-Builder's written questions regarding Project definition and scope within 15 Working Days of receipt.

- 3.1.2 Submittal Review and Approval. The City will review each submittal within 21 Working Days of receipt.
- 3.1.3 Construction inspection, administration, and material testing
- 3.1.4 Plan checking fees.
- 3.1.5 One-time orientation on the use of the Engineering and Capital Projects Department's GIS and other databases that the City makes available to the Design- Builder.
- 3.1.6 Easement Acquisition & Vacation, including right-of-way drawings.
- 3.1.7 Permit fees.
- 3.1.8 Survey Monument Preservation and Perpetuation and curb ramp staking for special design curb ramps.
- 3.1.9 Coordination with the City Arborist for tree evaluation and recommendations for root pruning, crown reduction, installation of root barriers, removal and possible replacement of trees

4. CITY PROVIDED INFORMATION:

- 4.1 The City will provide the following information to Design- Builder. The City does not guarantee the accuracy of this information. The Design-Builder shall conduct further research as necessary to verify the information.
 - 4.1.1 Access to existing topographic maps, San Diego Geographical Information Source (SanGIS) Maps, and electronic files in the possession of the Utilities Project Delivery Division. The Design-Builder's expenses for copying will be reimbursed by City unless the copying was performed using City equipment and supplies.
 - 4.1.2 City's QA/QC checklists.
 - 4.1.3 Access to Engineering and Capital Improvements Projects Department's on-line as-built drawings and available design survey information where available.
 - 4.1.4 Traffic Control development process.
 - 4.1.5 Estimate Asphalt Construction Quantities and Resurfacing Limits Map Books. The City has marked out areas of base repairs and limits of paving in the field. Areas of base repairs have been identified in the field as "DO" and identified in the Resurfacing Limits Map books provided in the bridging documents.
 - 4.1.6 Concrete Quantity Scope sheet. The City has identified curb return corners and provided standard curb ramp types to be constructed. Curb return corners identified in the Concrete Scope sheet as Special Design ("S") are to be evaluated and designed by the Design-Builder.
 - 4.1.7 Topographic survey for the locations identified as Special Design "S".

- 4.1.8 Arborist Table. The City has identified locations for tree related impacts to be addressed during construction. Recommendations from the City Arborist have been provided.

5 REVIEW OF THE DESIGN-BUILDER'S DESIGN SUBMITTALS:

- 5.1 The Design-Builder shall allocate 21 Working Days for City to review and comment on each submittal and 2 weeks for the Design-Builder to respond and for final Working Days resolution of comments. To log and communicate the review comments, actions, and resolutions efficiently, the City intends to utilize a Microsoft Excel spreadsheet to manage the design submittal comments for 30%, 100%, and Final Designs. The Design-Builder shall review and respond to City's comments in the format provided by City.

6 COMMUNITY INPUT:

- 6.1 The Design-Builder shall identify major community issues (e.g. access to the public facilities and businesses located within or near the Project area) and shall obtain and address community input. The Design-Builder shall attend at least 2 community presentation meetings of 2-4 hours each (usually scheduled prior to start of construction) and during construction as required by the City. The Design-Builder shall also prepare and receive City approval of hand-outs and displays for the community presentations. The Design-Builder shall prepare and implement a community relations plan as discussed later in Community Relations and Public Outreach Program section of this Scope. The Design-Builder shall also receive the Engineer's approval for night and after-hours work.

7 PHOTO LOG AND VIDEOTAPE:

- 7.1 The Design-Builder shall comprehensively photograph and videotape the Project Site before, during, and after construction of the Project. Prior to Acceptance, the Design-Builder shall prepare and submit the following items to City:
 - 7.1.1 a still-photo log including the photographs taken; and
 - 7.1.2 two copies of the Project CD in a form acceptable to City.
- 7.2 The Design-Builder shall request City's prior written approval for the use of digital photography and submit the relevant specifications for digital submittal with the request.

8 COORDINATION:

- 8.1 The Design-Builder shall coordinate design and construction requirements with governmental entities and agencies, private utilities, and all other parties either involved in infrastructure improvements or otherwise affected by the design and construction requirements.

9 EXISTING INFORMATION:

9.1 The City and the Design-Builder recognize that previous studies, designs and reports such as information provided in the Bridging Documents have developed a preliminary definition of the Project. However, these previous efforts have not resulted in a comprehensive and final Project definition. The Design-Builder shall verify all information provided to it by the City pertaining to the Bridging Documents, conceptual plans, Project Site's description, rights-of-way, easements, surveys, existing utilities, soils, hazardous wastes and geotechnical reports, etc., and shall verify the data and recommendations prior to including them into the Project design. The Design Builder shall perform the engineering tasks necessary to further refine and optimize the Project, utilizing as much previous work as possible, ultimately leading to authorization-to-proceed for Construction with Final Design.

10 REQUESTS FOR CLARIFICATIONS OR INFORMATION:

10.1 The Design-Builder shall submit all RFI's to the Engineer in writing. Oral communications shall not be relied upon unless confirmed in writing. RFI's shall be in a format acceptable to the Engineer, and, at a minimum, shall contain: the Project name and WBS number; the request date; the desired response date; a unique numeric request identifier; a title; a reference to the pertinent part of the Bridging Documents, the Design-Build Special Provisions, or other specific part of the Contract Documents; CPM activity number affected; the written request; the Design-Builder's proposed solution, if appropriate; attachments, if any; and the name, telephone number, e-mail address, and title of the request initiator.

11 SUBSTITUTIONS:

11.1 Prior to receipt of the final design, the City will consider written substitution requests from the Design-Builder for substitution of products or manufacturers, and construction methods (if specified). After the City receives the final design, substitution requests will be considered only in the case of unavailability of a product or other conditions beyond control of the Design-Builder. Design-Builder shall use Material Substitution request form included as part of Bridging Documents.

11.2 The Design-Builder shall have the full burden of demonstrating that the proposed substitution is equal to the specified manufacturer, product, or construction method. By the act of submitting a substitution request, the Design-Builder warrants that:

11.2.1 The Design-Builder has investigated the proposed substitution and has determined that it is equal to or superior in all respects to the specified manufacturer, product, or construction method.

11.2.2 The Design-Builder will provide the same or better guarantees or warranties for the proposed substitution as for the specified manufacturer, product, or construction method.

11.2.3 The Design-Builder waives all claims for additional costs or extensions of time related to the proposed substitution that subsequently may become apparent.

11.3 The City will not accept a proposed substitution if any one of the following applies:

11.3.1 Acceptance will require changes in the design concept or a substantial revision of the Contract Documents.

11.3.2 Acceptance will delay completion of the Design-Builder's Work or Services or the work or services of other City contractors.

11.3.3 The Design-Builder does not specifically identify a substitution that appears on a Shop Drawing and/or does not submit a formal substitution request.

11.4 The City will determine in its sole discretion whether the proposed substitute is equal to the specified manufacturer, product, or construction method. If the City determines that a proposed substitute is not equal to that specified, the Design-Builder shall provide the specified manufacturer, product, or construction method at no additional cost to the City or delay to the Project.

11.5 The City will consider only one substitution request for each product.

11.6 The Design-Builder shall submit a separate approved Shop Drawing for any proposed substitution that is accepted by the City. The City's acceptance of a substitution does not relieve the Design-Builder from the requirements for submission of Shop Drawings.

12 DESIGN CRITERIA AND PROCEDURE FOR REVIEW OF DESIGN MATERIALS:

12.1 *General* – The design criteria presented herein shall apply to the design and new construction and replacement of curb ramps, sidewalk, curb/gutter, cross gutters, site preparation, and restoration as outlined in the Bridging Documents. The Project shall be designed and constructed to provide a minimum service life of 50 years. Construction of the Project shall cause minimum interruptions to the community and traffic. Changes to the information provided in the Bridging Documents e.g., curb return locations, curb ramps; and construction methods shall be made only if approved by the City. The City has provided Estimated Asphalt Construction Quantities and Resurfacing Limits Map Books with the recommended resurfacing recommendations and base repair quantities for each street segment. The City has also provided Concrete scope sheets with recommended curb ramp types for curb returns evaluated by the City. Those curb return corners indicated as Special Design ("S") shall be evaluated, designed and constructed by the Design Builder. Any preliminary survey needed to complete the design of these special design curb ramps shall be provided by the City.

12.2 *Design Responsibilities* – The Design-Builder shall provide all Services for the Project. The Services shall include preparing the 30%, 100% and Final Design plans for the Project [Final Design], including all necessary design and/or Construction Documents. The Services shall also include those required during construction, and Project

Completion. The Services shall be performed in accordance with all Applicable Laws and City policies.

12.2.1 The Design-Builder shall provide complete design for all elements of the Project (as applicable) such as: civil, environmental and specialty consulting areas. Design-Builder shall evaluate alternative construction approaches to ensure economical designs which optimize constructability yet meet all requirements of this Contract, including all applicable laws and applicable architectural concepts, and conceptual designs.

12.2.2 The Design-Builder shall incorporate the requirements of permitting agencies as may become apparent in the course of Project design. The Design-Builder shall apply for and secure all permits and provide all necessary reports, studies, and support required to obtain the permits. Permit and utility fees, if any, will be paid by the City. In addition, the Design-Builder shall research and comply with all Air Pollution Control District and noise abatement requirements, along with any hazardous materials management requirements of NFPA, Cal-OSHA and the City Fire Department. The Design-Builder shall develop a Water Pollution Control Plan (WPCP) and a hazardous materials management plan, if required. If required, the Design-Builder shall incorporate appropriate facilities into the design.

12.2.3 With prior authorization from the Engineer, the Design-Builder shall provide additional geotechnical investigations and potholing to the extent the Design-Builder determines that they are necessary for Final Design.

12.2.4 The City has provided Estimated Asphalt Construction Quantities and Resurfacing Limits Map Books with the recommended resurfacing recommendations and base repair quantities for each street segment. Base repair locations have been marked out and identified in the field as "DO."

12.2.5 The City has also provided Concrete scope sheets with recommended curb ramp types for curb returns evaluated by the City. These locations are approved for construction. The Design Builder is responsible to complete the design and evaluation for the curb ramps identified in the Concrete Scope sheet with as Special Design ("S").

13 SURVEYING:

13.1 Monument perpetuation will be performed by the City as well as construction staking for Special Design Curb Ramps.

13.2 Topographic Survey for the locations identified as Special Design "S".

14 AS-BUILT INFORMATION:

14.1 The Design-Builder shall obtain and review record drawings and as-built information from available public records, maintenance records, and Average Daily Traffic (ADT) counts, etc. if needed in addition to the information in the Bridging Documents.

15 ENVIRONMENTAL AND PERMIT SUPPORT:

15.1 This Scope is based on the Notice of Exemption for AC Overlay Group 2402, which is included in the Bridging Documents. The Design-Builder shall identify all permits required for the Project as well as all requirements for those permits. All permits shall be acquired by the Design-Builder and the costs thereof paid by City. At the 100% and Final Design completion levels, the Design-Builder shall submit to City a written list of permits required for the Project. The Design-Builder shall identify all permitting agencies and authorities having jurisdiction. The Design-Builder shall prepare permit applications and submit the applications to the Engineer for review. The Design-Builder shall provide technical services as required by the permitting agencies during permit acquisition. The Design-Builder shall incorporate mitigation provisions and DSD review requirements, including the certified CEQA document into the Construction Documents. The Design-Builder shall identify and estimate quantities of BMP's to comply with SWPPP requirements.

16 OWNER/GOVERNMENTAL APPROVALS:

16.1 The Design-Builder shall obtain all City and other jurisdictional agency approvals as required to implement the design and construction of the Project. The City received an environmental document for the Project. During the Final Design process, if the Design-Builder modifies the Project such that a revision of the environmental document is required, the Design-Builder shall be responsible for all work required for implementing a revision, including preparation of revised documentation and coordination with City staff. The Work shall not proceed on the Project until the environmental requirements are met to the satisfaction of the City. There shall be no additional time allowed in the contract for processing and approval of revised permit documents. The cost associated with implementing both the design and construction changes as a result of the Design-Builder modifications shall be the responsibility of the Design-Builder and will not be compensated by the City.

17. POTHOLING:

17.1 The Design-Builder shall have full responsibility for assessing, reviewing and verifying existing utility information and data. The Design-Builder shall excavate sufficient potholes to verify locations and elevations at utility crossings and existing piping to be removed or replaced in the Project. The Design-Builder shall immediately notify the City of any damage caused to the pipe during potholing activities.

17.2 The Design-Builder shall provide all services related to the excavation and backfilling of potholes. Pothole excavations shall be in compliance with CAL-OSHA and City safety requirements, and any excavations left open shall be covered with steel plates.

17.3 The Design-Builder shall restore and clean-up all work sites.

17.4 All utility excavations shall be tied to the horizontal and vertical control information provided by the City's survey for this Project. The Design-Builder shall provide the City with a summary which shall include:

17.4.1 Utility.

- 17.4.2** Conduit quantity, type, and size.
 - 17.4.3** Depth to top of conduit.
 - 17.4.4** Horizontal coordinates (NAD 83).
 - 17.4.5** Surface elevation (M.S.L).
 - 17.4.6** Top elevation of conduit.
- 17.5** At the completion of examining each pothole, the Design-Builder shall:
 - 17.5.1** Replace the pipe bedding which was removed. Tamp and compact to provide suitable support for the pipe.
 - 17.5.2** Backfill and cover the pipe with native soil.
 - 17.5.3** For those pothole excavations located in the roadway, trench resurfacing shall comply with SDG-123 and SDG-107, as needed
- 17.6** The Design-Builder shall provide construction staging, noise and dust control, and traffic control as required during excavation for potholing to minimize impacts on local neighborhoods.
- 17.7** The Design-Builder shall restore to their in-kind condition, as determined by City, all streets, curbs, gutters, sidewalks, private properties and other improvements damaged as a result of the Design-Builder's activities.
- 17.8** The Design-Builder shall submit potholing information to the Engineer for review.
- 17.9** The Design-Builder shall not perform any additional potholing unless authorized in writing by the City.

18 RESURFACING TREATMENT

- 18.1** The City has provided Resurfacing Limits Map Books and Estimated Asphalt Construction Quantity scope sheets in the bridging documents. The City has also marked out locations of base repairs and limits of paving in the field and on the map books. Any changes to the limits of paving or resurfacing treatment shall be reviewed and approved by the City.

19. REVIEW OF CONTRACT DOCUMENTS AND FIELD CONDITIONS:

- 19.1** The Design-Builder shall conduct field investigations, including potholing of underground facilities, take field measurements, and verify field conditions. The Design-Builder shall carefully compare such field conditions and other information known to the Design-Builder with the Contract Documents before commencing Work and/or Services. The Design-Builder is solely responsible for investigation and discovery of all field conditions notwithstanding any information provided by City in the Contract Documents or otherwise. City has made an effort to eliminate errors,

omissions, and inconsistencies in the Contract Documents. The Design-Builder, however, shall bring to City's attention for clarification any errors, omissions, or inconsistencies prior to submission of the Design-Builder's Proposal. Otherwise, the Design-Builder shall take responsibility for any costs or delays associated with such error, omission, or inconsistency.

20. LOCAL CONDITIONS:

20.1. The Design-Builder shall take steps reasonably necessary to ascertain the nature and location of the Work, and investigate and satisfy itself as to the general and local conditions that are applicable to the Work, including but not limited to:

20.1.1 Conditions bearing on transportation, disposal, handling, and storage of materials;

20.1.2 The availability of labor, materials, water, power, and roads;

20.1.3 Weather conditions;

20.1.4 Physical conditions at the Project Site;

20.1.5 The surface conditions of the ground; and

20.1.6 The character of equipment and facilities needed prior to and during the performance of the Work.

21. ACCESS TO THE WORK:

21.1 The Design-Builder shall provide the City and utility owners with access to the Project Site and provide coordination and time for work to be accomplished at all times.

22. SUPERVISION:

22.1 The Design-Builder shall supervise and direct the Work in accordance with accepted standards of professional skill and attention. The Design-Builder shall be solely responsible for and have control over design and construction means, methods, techniques, sequences, and procedures. The Design-Builder shall not be relieved of obligations to perform the Work in accordance with the Contract Documents by tests, inspections, acceptances, or approvals required or performed by persons other than The Design-Builder. The Design-Builder shall employ a competent superintendent and a necessary assistant who shall be present at the Project Site at all times that Work is being performed. The superintendent shall represent the Design-Builder, and communications given to the superintendent shall be as binding as if given to the Design-Builder.

23. AUTHORIZATION TO PROCEED:

23.1 Following each design review, the Design-Builder shall meet with the Engineer to:

23.1.1 Discuss the comments and responses, and to resolve all open issues and disagreements;

23.1.2 Confirm the next level of design development; and

23.1.3 Obtain written authorization to proceed with the next design level; and

23.1.4 Obtain written authorization to proceed with construction.

24. DESIGN CALCULATIONS:

24.1 The Design-Builder shall include design calculations, catalog cuts, computations, telephone and facsimile records, and other similar documents supporting all elements of the Design-Builder's design with the Design-Builder's final signed and stamped calculations. The Design-Builder shall provide catalog cuts and manufacturer's data included with the final Project calculations for each approved material listed in the specifications or identified on the drawings

25. PLAN CHECKS - AT MAJOR COMPLETION LEVELS, DESIGN:

25.1 The Design-Builder shall submit written estimates of plan checks required to complete the Project. In the written estimates, the Design-Builder shall:

25.1.1 Identify all authorities having jurisdiction, including but not limited to the City Planning Division, Development Services Department, the City Traffic Section of Construction Management and Field Services, and other utilities. City will prepare plan check applications and submit the applications to the authorities having jurisdiction. Payment for plan check applications shall be made by City.

25.1.2 Submit hard and electronic copies of written design submittal comments from City and other utilities or agencies, annotated to indicate the Design-Builder's responses, final disposition of comments, and incorporate into the Final Design documents.

26. SHOP DRAWINGS, MATERIAL SUBMITTALS AND SAMPLES.

26.1 The Design-Builder, as the Engineer of Record, shall review and approve Shop Drawings, Material Submittals and Samples prior to procurement.

26.2 The Design-Builder shall determine and verify all of the following prior to procurement:

26.2.1 Field measurements, quantities, dimensions, specified performance criteria, installation requirements, materials, catalog numbers, and similar information with respect thereto.

26.2.2 Products with respect to intended use, fabrication, shipping, handling, storage, assembly, and installation pertaining to the performance of the Work.

26.2.3 Information relative to the Design-Builder's sole responsibilities in respect of means, methods, techniques, sequences, and procedures of construction, and safety precautions and programs incident thereto.

- 26.3** Prior to approving Shop Drawings, Material Submittals or Samples, the Design-Builder shall review and coordinate each Shop Drawing, Material Submittals or Sample with other Shop Drawings, Material Submittals and Samples, and with the requirements of the Work and Contract Documents.
- 26.4** The Design-Builder shall carefully review Shop Drawings, Material Submittals and Samples and shall date, sign, and certify each submittal as being correct and in strict conformance with the Contract Documents. In the case of Shop Drawings, each sheet shall be so dated, signed, and certified. The Engineer will require 3 copies of approved submittals prior to procurement for QA/QC purposes and will not accept any submittals which have not been certified by the Design-Builder to be in compliance with the Contract requirements, and will return any non-certified submittals to the Design-Builder. Any delays caused by the Design-Builder's failure to so certify shall be the total responsibility of the Design-Builder.
- 26.5** With each submittal, the Design-Builder shall give the Engineer separate specific written notice of any variations between the Shop Drawing, Material Submittals or Sample submitted and the requirements of the Contract Documents. Additionally, the Design-Builder shall include a specific notation for City's acceptance of each such variation on each Shop Drawing, Material Submittals and Sample submitted.
- 26.6** City's acceptance of Shop Drawings, Material Submittals and Samples shall be for the sole purpose of determining whether the Shop Drawings, Material Submittals and Samples will, after installation or incorporation into the Work, conform to the Contract Documents and be compatible with the design concept of the completed Project as a functioning whole.
- 26.6.1** City's acceptance shall not extend to means, methods, techniques, sequences, or procedures of construction, except where a particular means, method, technique, sequence, or procedure of construction is specifically and expressly called for by the Contract Documents.
- 26.6.2** City's review and acceptance of a separate item as such shall not indicate approval of the assembly in which the item functions.
- 26.6.3** City's review of Shop Drawings shall not relieve Design-Builder of the entire responsibility for the correctness of details and dimensions. The Design-Builder shall assume all responsibility and risk for any misfits and/or malfunctions due to any errors in the Design-Builder's submittals. Design-Builder shall be responsible for the dimensions and the design of adequate connections and details.
- 26.7** City's acceptance of Shop Drawings, Material Submittals or Samples shall not relieve the Design-Builder from responsibility for variations from the requirements of the Contract Documents, unless:
- 26.7.1** The Design-Builder in writing called attention to each such variation at the time of submission of the Shop Drawing, Material Submittals or Sample; and

26.7.2 City has specifically accepted in writing, either on the Shop Drawing or accompanying the Sample or Material Submittal each such variation.

26.8 The Design-Builder shall be solely responsible for any costs arising from the Design-Builder's failure to submit and/or receive City's acceptance of a Shop Drawing, Material Submittal or Sample as required by the Contract Documents or the City-accepted schedule of Shop Drawings and Sample submissions.

26.9 Shop Drawing Submittal Procedures:

26.9.1 The Design-Builder shall submit 3 copies of each approved Shop Drawing to the Engineer for QA/QC purposes.

26.9.2 The Design-Builder shall use a separate transmittal form for each specific item or class of material or equipment for which a submittal is required. The Design-Builder may use a single transmittal form for multiple items only when the items taken together constitute a manufacturer's "package" or are so functionally related that expediency indicates review of the group or package as a whole. The Design-Builder shall collate a multiple-page submittal into sets, and each set shall be stapled or bound, as appropriate, prior to transmittal to the Engineer.

26.9.3 The Design-Builder shall use a Project-standard transmittal form accepted by the Engineer. The transmittal form shall identify the Design-Builder and include the date of the submittal, the information prescribed by the form, and a unique sequential number in a format approved by the Engineer. If applicable, the Design-Builder shall process transmittal forms to record actions regarding sample installations.

26.9.4 For each submittal and using a label and/or a rubber stamp, the Design-Builder shall include the following information in the same or a substantially similar form:

Submittal No.
Contract No.
Project Name:
Name of Design Builder:
Reviewed and Approved for Conformance with the Contract Documents: Printed Name: _____ By: _____ (Signature)
Reference Drawing Sheet No's:
Reference Spec Section No's:

26.9.5 The Engineer will return at least one copy of each submittal with City's written comments to the Design-Builder within 40 Working Days following receipt of the submittal by the Engineer. If the Design-Builder fails to provide a complete and acceptable first re-submittal, as determined by the Engineer, City may deduct from the Contract Price the costs of City review beyond the first re-submittal.

26.9.6 Corrections indicated on submittals shall be considered as changes necessary to meet the requirements of the Contract Documents and shall not be taken as the basis for changes to the Contract requirements. City shall not be liable for any costs associated with fabrication or manufacture of an item that occurs prior to City's acceptance of the associated shop drawing submittal.

26.9.7 The Design-Builder shall maintain an accurate submittal log. The log shall show the current status of submittals and the Design-Builder shall make the submittal log available for City's review upon request.

26.9.8 Submittal Format for Shop Drawings:

1. For Shop Drawings presented on sheets larger than 11 by 17 inches, the Design-Builder shall include on each drawing the drawing title, number, date, and revision numbers and dates.
2. For Shop Drawings presented on sheets 11 by 17 inches or less, the Design-Builder shall conform to the format and quantity requirements for product data and present the Shop Drawings as a part of the bound volume for the submittals required by this Section.
3. Except for diagrams and schematic drawings, Design- Builder shall prepare dimensioned drawings to scale. The Design-Builder shall identify materials and products for work shown.
4. The Design-Builder's Shop Drawings shall be not less than 8½ by 11 inches nor more than 30 by 42 inches.
5. The Design-Builder shall submit detailed drawings and descriptions of proposed deviations from details or component arrangement indicated on the Shop Drawings.
6. The Design-Builder shall provide finished drawings for City review indicating proposed installation of Work, and materials and equipment being furnished.
7. City will not accept Shop Drawings that are either:
 - i) Copies of plans; or
 - ii) Materials or equipment identified solely by catalog numbers.
8. To enable City's acceptance, the Design-Builder shall ensure that the data shown on Shop Drawings is complete with respect to dimensions, design criteria, material of construction, and other detail. Incomplete submittals will be rejected.

26.9.9 Submittal Format for Product Data:

1. The Design-Builder shall present product data submittals for each specification section as a complete, bound volume, including a table of contents that lists page and catalog item numbers for product data.
2. The Design-Builder shall clearly indicate each product that is being proposed for use by inserting a stamped arrow, cloud, or other prominent notation that identifies the pertinent specification section and paragraph numbers. City will reject product data submittals that are not clearly marked.
3. If product data satisfying submittal requirements does not exist, the Design-Builder shall create and submit to City the required product data, including a notation that the product data was created specifically for the Project.
4. The Design-Builder shall furnish to City catalog data that describes in detail the products being furnished and enables the Engineer to determine that the products submitted conform to the requirements of the Contract Documents.
5. If more than one style, size, capacity, etc. of a product appears on a sheet, the Design-Builder shall clearly indicate exactly which product type is being submitted for approval. City will reject any submittal that fails to conform with this requirement.
6. The Design-Builder shall ensure that the catalog data identifies the manufacturer of the product.

26.9.10 Submittal Format for Samples: The Design-Builder shall label or tag each sample, identifying the specification Section number, manufacturer's name and address, brand name, product identification number, and intended use in the Work.

27. DESIGN DEVELOPMENT:

- 27.1.** The Design-Builder shall design the Project in compliance with all applicable laws, City and other local, state, and federal standards, and applicable industry standards and codes, including but not limited to those specifically set forth in the Contract Documents, the Approved Materials List, City noise and air pollution emissions regulations, applicable hazardous material handling and disposal regulations, the City's policies, and all other Reference Specifications approved by City at the time of Award.
- 27.2.** The Design-Builder shall prepare and submit design packages for review and acceptance by City in accordance with City's guidelines and the Project Schedule. The Design-Builder's use of City's guidelines shall not reduce, change, mitigate, or absolve the Design-Builder's responsibility for the Project design in any way. The Design-Builder's acts of stamping and signing the drawings, specifications, calculations, or other final design documents shall mean that the Design-Builder understands, accepts, and approves all measures contained in or implied by City's guidelines.

- 27.3.** The Design-Builder shall use the Bridging Documents as the starting point for Project design. The Final Design shall be based on the concepts in these documents. The Design-Builder shall review the Bridging Documents and verify the data and recommendations (i.e., proposed locations and conceptual plans) prior to including them in the Project design. The Design-Builder shall perform the engineering tasks necessary to refine and optimize the Project, including but not limited to reevaluation and necessary modification of questionable/pending proposed locations contained in the Bridging Documents.
- 27.4.** The Design-Builder shall submit the Final Design documents to the Engineer. In addition to the deliverables specified in subsection 29.6 & 29.7, the Final Design documents shall also include but not be limited to:
- 27.4.1.** One complete set of full sized (24-inch x 36-inch) original mylar final drawing plots, each stamped and wet signed by qualified responsible engineers registered in the state of California. Applicable portions of the drawing title blocks shall also be signed by the Design-Builder.
 - 27.4.2.** Two complete electronic file sets of all final drawings on CD-Rewritable (RW) recordable disks in Bentley Connect ORD Version 10.12. or at no cost to the City to convert files from Bentley Connect ORD Version 10.12 to AutoCAD upon request.
 - 27.4.3.** One PDF of final specifications, stamped and signed by a qualified responsible engineer registered in the state of California.
 - 27.4.4.** Two complete electronic file sets of the final specifications in MS Word processing software format.
 - 27.4.5.** One complete set of engineering calculations and quantity take-offs. All elements of the Final Design presented shall be supported by calculations. All computer programs used in development of Project calculations shall be Windows compatible. Catalog cuts and manufacturer's data shall be provided for each approved material listed in the specifications or identified on the drawings, and shall be included with the final Project calculations.
 - 27.4.6.** A written list of required Shop Drawings (construction submittals) and Samples and an electronic file of the list on a recordable CD-RW in the latest version of MS Word processing software.
 - 27.4.7.** Other reports and documents as may be required by City.
- 27.5.** Procedures and time allowances for City's review of the design submittal, response by the Design-Builder to City's comments, and obtaining City's authorization to proceed to the next level of design shall be as stated in this Scope and the Project Schedule.

- 27.6.** In coordination with Traffic Section of Construction Management and Field Services, Caltrans, and MTS, the Design-Builder shall develop a traffic control plan and local access management plan that minimizes environmental and traffic impacts, including noise impacts, to residences, businesses, and institutions. The final traffic control plan must be approved by City's Traffic Section of Construction Management and Field Services. The Design-Builder shall maintain an appropriate level of access and site security at all Project facilities to avoid significant impacts to the public.
- 27.6.1.** The Design-Builder shall prepare a preliminary traffic control approach for City's review and approval prior to preparation of traffic control plans.
- 27.6.2.** The Design-Builder shall complete and update a Traffic Control Plan Information Sheet available from the City.
- 27.6.3.** The Design-Builder shall include Typical Cross Sections on traffic control plans identifying the construction work areas if required by Traffic Engineering.
- 27.6.4.** The Design-Builder shall address and include in the traffic control plans and specifications coordination of traffic control among adjacent Projects during construction.
- 27.6.5.** The Design-Builder shall obtain approval for traffic control plans.
- 27.7.** The Design-Builder shall provide designs for the relocation of public or private utilities which must be constructed or relocated as a result of the Project.
- 27.8.** The Design-Builder's design shall comply with the ADA and Title 24. Two curb ramps per curb return shall be evaluated at all intersections.
- 27.8.1** For curb returns with existing single curb ramps, if the designer finds it technically infeasible to install a curb ramp for each pedestrian crossing, any existing single curb ramps with 36" deep detectable warning tiles (DWT) at the apex may be maintained provided it is not damaged and complies with the most current adopted City Standards.
- 27.8.2** For curb returns with no existing curb ramps, if the designer finds it technically infeasible to install a curb ramp for each pedestrian crossing, install a single blended transition, or a single modified curb ramp design with an extra wide opening per current City standards. If the designer finds it technically infeasible to install a single blended transition or single modified curb ramp design with an extra wide opening, a single curb ramp per current City Standards may be installed at the apex of the curb return.
- 27.8.3** Where it is technically infeasible to meet any requirements from the City Standards, a Deviation From Standards Form shall be prepared.
- 27.9** The Design-Builder shall prepare and incorporate into the specifications, a Water Pollution Control Plan (WPCP) to be implemented during construction. The WPCP shall comply with the California Regional Water Quality Control Board Statewide General Construction Storm Water permit current requirements.

- 27.10** The Design-Builder shall evaluate and replace all damage cross gutters. If the cross gutter does not meet current standards (10 ft wide per SDG-157), the cross gutter shall be replaced. Spandrels shall be poured monolithic with the curb per standard drawing SDG-157. The Design-Builder shall evaluate all intersections and design and install any new cross gutters where applicable. The City has provided locations where cross gutters shall be replaced in the Resurfacing Limits Map Books provided in the Bridging Documents. The Design-Builder shall design and replace cross gutters not meeting current standards and/or design and install any new cross gutters where applicable if not indicated in the Resurfacing Limits Map Books and approved by the City.
- 27.11** In coordination with the City of San Diego Arborist, the Arborist Table has been included in the Bridging documents for tree related locations identified by the City. Any other tree related damage shall be evaluated and recommended for root pruning, crown reduction, installation of root barriers and tree removal and/or tree replacement shall be coordinated with the City of San Diego Arborist. Prior to the replacement of a tree, the Design-Builder shall obtain a watering agreement from the adjacent property owner and shall be responsible for the plant establishment period of 90 days. If trees are to be removed and replaced, an additional 90 days will be granted for the plant establishment period. During Construction and Design, the Design Builder shall retain an Arborist to provide recommendations and evaluations.
- 27.12** The Design-Builder shall prepare a construction quantity takeoff at 100% and Final submittals.
- 27.13** The Design-Builder shall revise plans and specifications to incorporate comments received from the City, City-wide plan check, and from the permitting agencies.

28. Storm Water Management Discharge Control.

- 28.1** The Design-Builder shall comply with Chapter 4, Article 3, Division 3 of the San Diego Municipal Code, Storm Water Management Discharge Control and the Municipal Storm Water Permit (MS4) Permit, California Regional Water Quality Control Board Order No. R9-2013-0001 (amended by R9-2015-0001 and R9-2015-0100), Storm Water Standards Manual, as amended from time to time, and any and all Best Management Practice (BMP) guidelines and pollution elimination requirements as may be established by the Enforcement Official. Design-Builder warrants and certifies that any and all plans, reports, and specifications prepared for the City in accordance with this agreement shall meet all requirements of the San Diego Municipal Code and Storm Water Standards Manual. Design-Builder understands that while the City will be reviewing Design-Builder's designs for storm water permit compliance prior to acceptance of Design-Builder's designs, Design-Builder understands and agrees that the City's Storm Water review process and its acceptance of Design-Builder's designs in no way limits the Design-Builder's obligations under this agreement to prepare designs that comply with all requirements of the San Diego Municipal Code and MS4 Permit.

- 28.2** The Design-Builder shall review the completed Storm Water Applicability Checklist (DS-560) to confirm the project's appropriate storm water requirements. For all applicable projects, and to the maximum extent practicable, the Design-Builder shall incorporate and include Source Control and Low Impact Development (LID) design features or Site Design BMPs on the construction plans. In addition, for Priority Development projects, the Design-Builder shall prepare a Storm Water Quality Management Plan in accordance with the requirements of the Storm Water Standards Manual and prepare a BMP plan showing all permanent BMPs, LID designs, hydromodification management plan facilities, and include sufficient details and cross sections for construction.
- 28.3** Design-Builder shall attend the Pre-construction meeting. The Engineer will coordinate with the Design-Builder on the inspection of the permanent BMP(s) during installation. Design-Builder shall inspect and confirm that the permanent BMP was installed in accordance with the details on the plans and that the permanent BMP functions to meet the requirements of the MS4 Permit. Upon notification by the Engineer, the Design-Builder shall sign and stamp the Permanent BMP Self Certification on the plans or the Permanent BMP Self Certification Form (DS-563) prior to final acceptance by the City.
- 28.4** For projects requiring soil-disturbance work such as geotechnical borings, street coring and potholing as component of the design, the Design-Builder shall complete a Minor Water Pollution Control Plan (DS-570), if applicable.

29. DESIGN SUBMITTALS:

- 29.1** General: The Design-Builder shall ensure that all design submittals conform to the requirements described in this Section. City will reject any submittal that fails to meet the requirements described in this Scope and elsewhere in the Contract. City shall not grant a schedule adjustment for the Design-Builder's failure to meet these requirements. In each submittal the Design-Builder shall identify any variances from the Contract Documents. City may reject any design submittal for the Design-Builder's failure to identify variances, regardless of the timing of the discovery of the failure. The Design-Builder shall respond in writing to all City comments on each design submittal within 10 Working Days of the date of transmittal of the comments. The Design-Builder shall submit a completed QA/QC checklist at each design submittal. Curb ramps identified by the Design-Builder after 30 percent review by the City as meeting City of San Diego Standard drawings and do not require design details (horizontal and vertical plans) or schematic details and approved by the City may only require one review prior to approval for issuance for construction. The plan preparation described in this section is applicable to those curb returns identified in the Concrete Scope Sheet in the Bridging Documents as Special Design ("S"). The City has provided Resurfacing Limits Map Books, have marked out locations of base repairs and have identified standard ramp types for some curb return locations and provided the information in the Bridging Documents and is not applicable to this section.

29.2 30 percent design Submittal - The 30 percent design submittal shall include but not be limited to:

29.2.1 Designs for construction of new facilities and for refurbishment and demolition of existing facilities.

29.2.2 Incorporation of the information contained in the Bridging Documents

29.2.3 Drawings that shall include at a minimum:

1. Title sheet with general notes, vicinity map, key map and legend.
2. Preliminary list of construction drawings on cover sheet.
3. Curb Ramp Table with the proposed curb ramp(s) at each curb return location. Each Curb Ramp to be numbered.
4. Locations of proposed cross gutter removal, replacement, or installation of new cross gutters.
5. Preliminary site plan including construction staging areas (if applicable)
6. Other drawings or details, as applicable to show information from pre-design maps.
7. List of special conditions, if any.
8. Drawings shall show all existing and proposed ramps labeled numerically.
9. Traffic control concept plans (traffic control approach) if applicable.
10. Specification table of contents prepared in The GREENBOOK format.

29.2.4 Compliance with the City's 30% QA/QC checklist.

29.3 100 percent design Submittal - The 100 percent design submittal shall include but not be limited to:

29.3.1 Designs for construction of new facilities, and refurbishment and demolition of existing facilities.

29.3.2 Updated and incorporated information and comments from the 30 percent design submittal.

29.3.3 Completed and reviewed curb ramp table and designed curb ramps (horizontal and vertical) and/or schematic detailed curb ramps.

- 29.3.4 Location of proposed cross gutter removal, replacement or installation of new cross gutters
- 29.3.5 Location of construction staging areas (if applicable).
- 29.3.6 A written list of permits required for the Project, identifying all permitting agencies and authorities having jurisdiction.
- 29.3.7 Compliance with the City's 100% QA/QC checklist.
- 29.4 Drawings that shall include at minimum:
 - 29.4.1 Plan and profile sheets for all designed curb ramps
 - 29.4.2 Identification of both special and standard details or schematic drawings.
 - 29.4.3 A complete list of construction drawings on cover sheet.
 - 29.4.4 Completed Curb Ramp table, designed curb ramps (horizontal and vertical), and schematic details.
 - 29.4.5 Location of proposed cross gutter removal, replacement or installation of new cross gutters including a detail design or schematic drawing of new cross gutters.
 - 29.4.6 A complete site plan including construction lay down areas, site grading, and erosion control, if applicable.
 - 29.4.7 Other drawings such as traffic control plans as applicable.
 - 29.4.8 Erosion control plan, storm water pollution prevention BMP's, landscaping plan, and habitat restoration, success criteria, long term maintenance, and conformance to the Multiple Habitat Planning Area land use adjacency guidelines as applicable.
 - 29.4.9 List of special conditions, if any.
 - 29.4.10 Compliance with The City's QA/QC checklist.
 - 29.4.11 Quantity take-off per plan sheet.
 - 29.4.12 A complete draft of specifications in The GREENBOOK format including:
 - 1. Table of contents.
 - 2. The Design-Build Special Provisions.
- 29.5 **Final Design Submittal** - The Design-Builder shall submit a pre-Final Design to the Engineer, which shall include but not be limited to:
 - 29.5.1 Updated and incorporated information and comments from the 100 percent design Submittal.

- 29.5.2** Comments from permitting agencies, including a log of comments and responses.
- 29.5.3.** A current written list of permits including environmental permits required for the Project, identifying all permitting agencies and authorities having jurisdiction, and status and copies of permit approvals.
- 29.5.4** City will review the Pre-Final Design and return comments to the Design-Builder. The Design-Builder shall, within 20 Working Days of receipt of City's comments, submit a Final (100%) Design to the Engineer, which shall include but not be limited to:
1. Updated and incorporated comments from the Pre-Final Design Submittal.
 2. Final drawings and calculations must be stamped and signed by a professional engineer. Also, the City requires the original wet-signed mylars be held in City files as legal records of the Project. Deviation from Standards must be completed, stamped and signed by a professional engineer and submitted to the City.
- 29.5.5** Final design drawings for construction of new facilities, and refurbishment and demolition of existing facilities-

29.6 Design Submittal Deliverables:

- 29.6.1.** The Design City Engineer in the form of 7 sets of full sized (24-inch x 36-inch) drawing prints and a PDF of the final drawings, specifications, and cost estimate.
1. Drawing format shall conform to the City of San Diego CADD Standards and City provided "T" files. The standard scales are 1"=40' for plans and 1"=4' for profiles.
 2. Drawings shall show all existing topographic and utility information and the horizontal alignment of proposed improvements.
- 29.6.2** The Design-Builder shall deliver the pre-Final Design to the Engineer in the form of 7 sets of full sized (24-inch x 36-inch) drawing prints and a PDF of the plans, specifications, and estimate.
- 29.6.3** The Design-Builder shall submit all drawings in accordance with the City's CADD Standards. The Design-Builder shall attend a coordination/orientation meeting with City's E&CP CADD specialist to review and discuss City's CADD standards. The Engineer will arrange for the meeting upon The Design-Builder's request. The Design-Builder shall also submit the Electronic Open-Roads Designer file. The Design-Builder shall number proposed alignment points on plan views using the automated process through Open-Roads Designer Software. The Design- Builder shall also generate the Horizontal Alignment Coordinate Index report through Open-Roads Designer and place it on the last sheet of the drawings.

29.6.4 The Design-Builder shall submit the Final Design documents to the Engineer, which shall include but not be limited to:

1. One complete set of full sized (24-inch x 36-inch) original mylar final drawing plots, each stamped and wet signed by The Design-Builder's qualified responsible engineers registered in the state of California. Applicable portions of the drawing title blocks shall also be signed by The Design-Builder.
2. Two complete electronic file sets of the final specifications, including all charts, graphs, tables, data sheets, and similar inserts required for a complete and approved copy suitable for printing.
3. Two complete electronic file sets of the final drawings.
4. Two complete electronic files of the final construction quantity takeoffs and cost estimate.
5. One complete set of engineering calculations, including hydraulic, mechanical, electrical, and structural calculations, each wet stamped and signed by the Design-Builder's qualified responsible engineers registered in the state of California. The Design-Builder shall support all elements of the design presented by calculations the Design-Builder shall use only Windows compatible computer programs for Project calculations.
6. Other documents as required elsewhere in this Scope or required by the Engineer.
7. The Design-Builder shall use the latest QA/QC checklists, CADD Standards and Survey Deliverables as a minimum guide for preparation of the design drawings. The Design-Builder shall use MS Word format for all word processing.
8. All Deviation from Standards forms completed, signed and stamped by a Professional Engineer.
9. All signed Permissions To Do Work on Private Property
10. All approved permits required for the Project from all permitting agencies and authorities having jurisdiction.

29.7 The Design-Builder shall use MS Excel for all spreadsheets.

30. COMMUNITY RELATIONS AND PUBLIC OUTREACH PROGRAM:

30.1. The Design-Builder shall provide the necessary public information and outreach program for the Project. This program shall have an Exclusive Public Information Officer (PIO) who will serve as the community liaison. Refer to The WHITEBOOK,

section 5-10. The PIO shall work closely with the Communication Department's PIO section in the implementation of the public information and outreach program standards.

- 30.2.** The Design-Builder shall identify, within 10 Working Days of NTP, a specific professional designated to be a full-time public information liaison for the design build team, who shall work cooperatively with, and provide assistance to, the City's team. The Design-Builder shall be available to respond to questions from the community as needed for the duration of the Project, and shall participate in related public meetings. The Design-Builder shall prepare and provide presentation materials to explain the Project at community meetings and presentations.
- 30.3.** The Design-Builder shall prepare a complete Community Relations Plan. The Community Relations Plan shall be developed in coordination with the City and presented to the City for review within 30 Working Days of Notice to Proceed. If modifications are required, the City will notify and advise the Design-Builder.
- 30.4.** The Key stakeholders are identified as (but not limited to) the public and the La Jolla Community Planning Group, University Community Planning Group, Via De La Valle Community Planning Group, Carmel Valley Community Planning Group, Rancho Penasquitos Community Planning Group and Carmel Mountain Rancho Community Planning Group. The Design-Builder shall coordinate all activity and Right of Entry permits with the proper property owner representatives and/or residents.
- 30.5.** The Community Relations Plan shall include the following scope and services but not limited to:
 - 30.5.1** A method for conveying Project information to the public. Provide residents with update Project information and background information about the Project. Information shall be updated weekly, bi-weekly, monthly, or quarterly.
 - 30.5.2** A method for construction notification in advance of the start of work.
 - 30.5.3** Attendance and presentation of Project update before and during construction of Projects at community and stakeholder Meetings. Prepare presentation materials in coordination with the City.
 - 30.5.4** Acquire necessary permits to perform work on private property.
 - 30.5.5** Develop written list of follow-up information requested from the community.
 - 30.5.6** Respond to telephone calls and e-mails. Standard telephone service and e-mail responses. Record calls and e-mails on electronic tracking form.
 - 30.5.7** E-mail record of call information to The Design-Builder/Project Team. E-mail updates to stakeholders, Community Groups, City Council and other interested parties.

- 30.5.8** Coordinate with City's PIO to maintain online Project webpage and newsletters on a weekly basis.
- 30.5.9** Write, edit, update and/or produce brochures, pamphlets and news releases.
- 30.5.10** Attend progress meeting and provide status of community relations activities.
- 30.5.11** The plan shall also include a listing of businesses, schools, and major facilities along the alignment which are expected to be impacted by the construction, and proposed mitigation measures to lessen construction impacts.
- 30.5.12** The plan shall specifically identify the lines of communication within the Design-Builder Team, between the Design-Builder Team and the City and between the Design Builder's public information liaison and the City. The Design-Builder shall be responsible for ensuring that the information to be provided to the public is consistent, updated and accurate.

31. QUALITY ASSURANCE AND CONTROL:

- 31.1** The Design-Builder shall be completely and solely responsible for Project quality assurance and quality control. The minimum acceptable quality assurance and quality control plan is described in the Quality Assurance/Quality Control Plan Guidelines, attached hereto and incorporated herein as Attachment A, section 34 – Quality Assurance / Quality Control Guidelines.
 - 31.1.1** Design QA/QC - The Design-Builder shall be completely and solely responsible for Project quality assurance and quality control [QA/QC] during design.
 - 31.1.2** Checklists - As part of the QA/QC Plan, The Design-Builder shall use the City-provided checklists and attach the checklists to the plans and specifications.
 - 31.1.3** Final Design - The Design-Builder shall submit QA/QC records for the final specifications and drawings to verify coordination within the engineering discipline, between engineering disciplines, between the final specifications and drawings, and to verify consistency with existing City Projects.
 - 31.1.4** Construction QA/QC - The Design-Builder shall be completely and solely responsible for Project QA/QC during construction.

32. QUALITY ASSURANCE / QUALITY CONTROL GUIDELINES:

32.1 General

- 32.1.1** The Design-Builder shall be completely and solely responsible for Project quality assurance and quality control, both during design and during construction. This Attachment outlines the minimum requirements for an acceptable quality assurance and quality control plan [QA/QC Plan]. The cost for the Design-Builder's QA/QC Plan and its implementation shall be included in the Design-Builder's Proposal.

- 32.1.2** The Design-Builder shall assign a QA/QC supervisor to ensure that all Work is performed in accordance with the Contract Documents, plans, specifications, manufacturers' instructions, Applicable Laws, and to acceptable industry standards.
- 32.1.3** The Engineer will monitor the Design-Builder's Work and Services and provide independent reviews as set forth in the Contract Documents. If City's review or inspection uncovers Work or Services that do not conform to the Contract Documents or Applicable laws, City may reject that Work and/or Services and The Design-Builder shall replace or correct any deficiency at no additional cost to City.
- 32.1.4** The concept of quality has evolved from conformance with specifications to meeting Owner requirements. The Design-Builder quality assurance and control has advanced from checking deliverables to multiple reviews, evaluations, inspections, and tests, concurrent with the Public Works Department reviews, oversight inspections, witnessing of tests, and similar quality assurance activities. Ultimately, the Design-Builder shall provide a facility that meets the requirements described in the Contract Documents.
- 32.1.5** The Design-Builder shall respond to any QA/QC review comments by ensuring that the Design-Builder's staff considers the comments and notes the actions to be taken. The Design-Builder shall submit copies of the responses to the Engineer to indicate that the QA/QC review is complete and that the reviewers concur with the response.
- 32.1.6** If The Design-Builder detects any impending deviations from the Scope, Project Schedule, or Project budget, the Design-Builder shall take appropriate action to correct such deviations or to obtain written approval from the Engineer if deviations cannot be avoided.
- 32.1.7** The Design-Builder shall implement its QA/QC Plan that was submitted to City with The Design-Builder's RFP together with any revisions required by City, all of which are incorporated herein by this reference as though fully set forth herein.

32.2. QA/QC During Design

- 32.2.1.** This Section describes the mandatory QA/QC Plan philosophies and procedures that the Design-Builder shall follow during design of the Project.
- 32.2.2.** The Design-Builder is the engineer of record. City's review of Design- Builder's approved submittals is for the sole purpose of determining whether the submittals conform to the requirements of the Contract and to the Bridging Documents.
- 32.2.3.** The Design-Builder shall include in its Proposal all costs necessary to meet this requirement.

32.2.4. The following quality objectives apply to the Project design:

1. The Design-Builder shall design the Project facilities to meet the scope and objectives set forth in the Bridging Documents, which describe the Project facilities in moderate detail (layout, functions, etc.), thereby establishing the design requirements. The Design-Builder shall design the Project facilities to conform to these requirements except as modified by changes approved by City during design.
2. The Design-Builder shall design the Project facilities to conform to the requirements of the Contract Documents.
3. The Design-Builder shall prepare the Construction Documents to the standards of best engineering practice for clarity, uniformity, accuracy, and completeness.
4. The Design-Builder shall emphasize quality in the design and construction of the Project.

32.3. QA/QC Plan:

32.3.1 Responsibilities: The Design-Builder shall ensure that all members of the Design-Builder's Project team (i.e., preparer, reviewer, checker, and approver) understand their responsibility for quality design.

34.3.2 Design QA/QC Plan: The Design-Builder shall ensure that the design component of its QA/QC Plan includes a specific comprehensive approach to Project QA/QC Plan activities and requires documentation of the actual QA/QC Plan effort and related activities.

32.3.3 Design Review: The Design-Builder shall address all plan check comments received from the City and implement its QA/QC plan prior to re-submittals to the City for review. The Design-Builder shall submit documentation of the QA/QC efforts and related activities as discussed in item 32.3.8 Review and Comment Form, below.

32.3.4 Implementation: The Design-Builder shall be solely responsible for quality reviews and approval of its design work, and shall ensure that all design work is thoroughly checked, reviewed, and approved by qualified, experienced, knowledgeable personnel who were not involved in the original design work. The Design-Builder shall provide the following types of QA/QC design reviews:

32.3.5 Calculations:

1. The Design-Builder shall ensure that calculation sheets are signed and dated by the personnel preparing, checking, reviewing, and approving the calculations. The Design-Builder shall index all original calculation sheets in file folders maintained in a single location so that all original calculations for the entire Project can be readily found. At the time the

Final Design is accepted by City, The Design-Builder shall submit to the Engineer a legible copy of all calculations, organized in an easy to use indexed loose-leaf binder or in clearly identified file folders.

2. The Design-Builder shall clearly identify any revisions to the calculations. The Design-Builder shall ensure that all revised calculations are checked, signed, and cross-referenced to the original calculations.

32.3.6 The Design-Builder's Interdisciplinary Progress Reviews: The Design-Builder shall ensure that interdisciplinary progress reviews are held at the 30%, 100%, Final Design phases and as specified in this RFP, and that the reviews include all completed calculations, drawings, and specifications. The level of detail expected for each discipline at each completion level is defined in this RFP. The Design-Builder shall ensure that all comments receive an agreed upon response and are recorded on The Design-Builder's Review and Comment Form (described in section 32.3.8 below). Design problems may arise from inconsistencies between disciplines. The Design-Builder shall assign one or more qualified engineers to perform detailed interdisciplinary reviews to ensure consistency between disciplines, and between drawings and the specifications.

32.3.7 The Design-Builder's Final Review: The Design-Builder shall conduct the final QA/QC review after all 100% review comments have been incorporated and before printing of the Final Design submittal begins. The Design-Builder's final QA/QC review shall confirm that all previous review comments have been incorporated.

32.3.8 Review and Comment Form: The Design-Builder shall establish and maintain Review and Comment Forms which shall contain the following information:

1. The name of the Project;
2. City's contract number;
3. The type of review being conducted;
4. The name/title of the document being reviewed;
5. Identification of the page, paragraph, or drawing being reviewed;
6. The reviewer's comments;
7. The designer's response to the reviewer's comments;
8. The agreed upon resolution with respect to the comments and response;
9. The reviewer's signature and date of review;
10. The designer's signature and date of response; and
11. The signature of the Design-Builder's Project manager and date of review.

32.3.9 The Design-Builder shall ensure that each reviewer’s comments are constructive and professional in tone, and that the forms are complete and appropriately filed.

32.4 QA/QC During Construction

32.4.1 The Design-Builder shall ensure that all Work meets the quality required by the Contract Documents and shall perform the QA/QC efforts necessary to ensure those requirements are met. City’s inspection of any Work will not relieve the Design-Builder of the primary responsibility for quality assurance and quality control.

32.4.2 The Design-Builder shall take the following measures to ensure that the Work is completed in accordance with the Contract Documents:

1. Certification by the designer that the submittals, materials, equipment, and Work all conform to the accepted design.
2. Certification by the vendors and suppliers that the products supplied conform to the Contract Documents, where applicable.
3. Photos and videos of the Work certified by the designer.
4. Any other measure designed to ensure that the Work is completed in accordance with the Contract Documents.

32.4.3 Specific QA/QC requirements for the Work are set forth throughout the Contract Documents. The requirements of this Section are primarily related to performance of the Work beyond the furnishing of manufactured products the Design-Builder agrees that the term “Quality Control” as used herein includes inspection, sampling and testing, and associated requirements.

32.4.4 Factory Inspections and Tests:

1. The Design-Builder agrees that all products, materials, and equipment, shall be subject to inspections, tests, and witness tests by City at the place of manufacture or fabrication.
2. The Design-Builder agrees that City may, at its option, enter into separate contracts with consultants or others to conduct inspections, tests, and witness tests on behalf of City.
3. The Design-Builder agrees that the presence of City, its employees, agents, and/or representatives at inspections, tests, and/or witness tests shall not relieve the Design-Builder of the sole responsibility for providing products, materials, and equipment that comply with all requirements of the Contract Documents. The Design-Builder agrees that compliance is the responsibility of the Design-Builder and shall not be avoided by any act or omission on the part of City or its employees, agents, and/or representatives.
4. The Design-Builder shall provide City with 10 Working Days advance notice of any testing at the place of manufacture or fabrication. At City’s

option, City, its employees, agents, and/or representatives may conduct inspections and tests at the manufacturing place any time without advance notice to the Design-Builder.

32.4.5 Sampling and Testing:

1. Unless specifically provided otherwise in the Contract Documents, the Design-Builder shall conduct all sampling and testing in accordance with the methods prescribed in the current standards of the ASTM, as applicable to the class and nature of the material, product, or equipment being considered. However, City may accept any other generally-accepted system of sampling and testing that will ensure that the quality of the material, product, or equipment complies with the requirements of the Contract Documents. The Design-Builder shall obtain a Change Order from the Engineer prior to using any other generally-accepted system of sampling and testing.
2. Any waiver by City of any specific testing or other QA/QC Plan measures shall not be binding on City except when formalized by a fully executed Change Order, regardless of whether the waiver is accompanied by a guarantee of substantial performance as a relief from the specified testing or other QA/QC requirements as originally specified, and of whether the guarantee is accompanied by a performance bond to assure execution of any necessary corrective or remedial work.
3. The City may inspect and make independent investigations and tests of the Work. The Design-Builder agrees that if any portion of the Work fails to meet any of the requirements of the Contract Documents, City may require the Design-Builder to remove, correct, or reconstruct the Work in accordance with the Contract Documents.

32.4.6 Inspection and Testing Laboratory Service:

1. The City may require that Work located in the City right-of-way be tested by the City's testing laboratory. The Design-Builder shall coordinate with the Engineer to cause such tests to be performed.
2. Inspections, testing, and other services that are to be performed by the City, whether specified in the Contract Documents or required by the Engineer, will be performed by City's testing laboratory. The cost of these services will be paid for by City.
3. City's testing laboratory will submit reports in duplicate to the Engineer. The reports will document observations, results of tests, and compliance or non-compliance with the Contract Documents.
4. The Design-Builder shall cooperate with the Engineer and City's Testing Laboratory by furnishing samples of materials, concrete design mix, equipment, tools, and storage, and by providing other assistance as requested by City.

5. The Design-Builder shall notify the Engineer 48 hours prior to commencement of Work requiring inspection and laboratory testing services.
6. The Engineer will direct that any retesting required because of non-conformance to the Contract Documents be performed by the laboratory that performed the original test. Design- Builder shall bear all costs from any such retesting at no additional cost to City.
7. The Design-Builder shall be responsible for all tests required by the specifications or referenced codes and standards, unless specifically noted otherwise in the Contract Documents.

32.4.7 Special Inspection:

1. The Design-Builder shall provide all special inspections required by the California Building Code as currently adopted by City, including all inspections performed off the Project Site. The Design-Builder shall pay the cost of such inspections, and shall include the cost in DB's Proposal.

32.4.8 Installation:

1. Inspection: The Design-Builder shall inspect materials and/or equipment upon their arrival at the Project Site and immediately prior to installation. The Design-Builder shall reject damaged and defective materials and/or equipment. The Design-Builder's inspection shall include:
 - i) A review of the Contract requirements;
 - ii) Verification that all materials and/or equipment have been tested, submitted, and approved;
 - iii) Examination of the Work area to ascertain that all preliminary Work has been completed;
 - iv) A physical examination of materials and/or equipment to ensure that they conform to the Design-Builder approved and City-accepted Shop Drawings or other submittal data;
 - v) Instruction as necessary to ensure that Design-Builder's workers understand the requirements of the Contract as they pertain to the materials and/or equipment;
 - vi) An examination of the quality of workmanship; and
 - vii) A review of control testing for compliance with the Contract requirements.

2. Measurements: The Design-Builder shall verify measurements and dimensions of the Work as an integral step of starting each installation. The Design-Builder shall be solely responsible for proper fit up and connection of components.
3. Special Procedures: The Design-Builder shall provide methods and facilities to ensure conformance with requirements for special process specifications such as nondestructive testing of materials. The Design-Builder shall maintain certifications for personnel, procedures, and equipment as necessary to meet the requirements of the Contract Documents and all Applicable laws.
4. Manufacturer's Instructions: The Design-Builder shall comply with applicable manufacturer's instructions and recommendations for installation, if those instructions and recommendations are more explicit and/or more stringent than the requirements of the Contract Documents.
5. Storage and care: If not immediately installed, the Design-Builder shall store and care for all materials and/or equipment delivered to the Project Site according to the manufacturer's recommendations.

32.4.9 Manufacturer's Field Installation Services and Reports:

1. When required by the specifications, the Design-Builder shall cause material or product suppliers or manufacturers to provide qualified personnel to:
 - a) Observe and evaluate:
 - (i) Project Site conditions;
 - (ii) Conditions of surfaces and installation;
 - (iii) Quality of workmanship;
 - (iv) Start-up of equipment; and
 - (v) Testing, adjusting, and balancing of equipment.
 - b) Provide instructions when necessary.
2. The Design-Builder shall report in writing to the Engineer any observations and Project Site decisions or instructions given to the Design-Builder by a material or product supplier or manufacturer's personnel that are supplemental or contrary to the written instructions of the material or product supplier or manufacturer.
3. Within 10 Working Days of each field visit, The Design-Builder shall submit in duplicate to the Engineer for review and acceptance final reports from a material or product supplier or manufacturer's personnel. If the duration of the field visit is greater than 1 week, the

Design-Builder shall submit weekly reports. Each final report shall certify that equipment or system has been satisfactorily installed and is functioning correctly.

32.4.10 Sample City QA/QC Checklists:

1. Sample City Checklists are available for review and use from the Engineer.

33. NOISE ABATEMENT AND CONTROL:

- 33.1** The Design-Builder shall comply with San Diego Municipal Code, Noise Abatement and Control (Sections 59.5.0401, Sound Level Limits, and 59.5.0404, Construction Noise), and the County of San Diego Code of Regulatory Ordinances, Noise Abatement and Control. In the event of conflict, the most stringent requirement shall apply.
- 33.2** Noise levels generated by construction activity shall not exceed an average of 75 decibels at the residential property line between the hours of 8:30 a.m. to 3:30 p.m. each Working Day. The Design-Builder shall obtain a Noise Permit to conduct work activities taking place before 7:00 AM or after 7:00 PM, each Working Day, or any time on days other than Working Days.
- 33.3** If the Design-Builder desires to conduct Work activities during times when a Noise Permit is required, the Design-Builder shall obtain prior written authorization from the Engineer not less than 48 hours in advance, and shall apply for, obtain, and pay for the Noise Permit at no additional cost to City.

34. PROJECT MEETINGS:

- 34.1** Progress Meetings – Design Phase - The Design-Builder shall schedule and hold regular progress meetings at least monthly and at other times as requested by the Engineer. Prior to a progress meeting, the Design-Builder shall submit its progress meeting format to the Engineer for review and acceptance. The Design-Builder shall also submit to the Engineer for review and acceptance:
- i) A meeting agenda prior to each meeting; and
 - ii) Minutes of each meeting prior to the next meeting.

The Design-Builder shall ensure that its key personnel attend the progress meetings.

- 34.2** Progress Meetings – Construction Phase - The Design-Builder shall schedule and hold regular weekly progress meetings and at other times as requested by the Engineer. The Design-Builder shall report in writing to the Engineer the previous week's progress and the plans for the upcoming three weeks. Twenty-four hours prior to each progress meeting, Design- Builder shall provide to the Engineer a two-week window (look-ahead) schedule showing activities from the accepted Project Schedule that are to take place during this period, activities started but not yet completed, and activities which have begun out of sequence. Prior to a progress meeting, the Design-Builder shall

submit its progress meeting format to the Engineer for review and acceptance. The Design-Builder shall also submit to the Engineer for review and acceptance:

- i) A meeting agenda prior to each meeting; and
- ii) Minutes of each meeting prior to the next meeting.

The Design-Builder shall ensure that its key personnel attend the progress meetings. In addition, the Design-Builder may, at its discretion, request attendance by representatives of its suppliers, vendors, manufacturers, and other subcontractors.

- 34.3** Public Meetings - During the course of the Project, a minimum of 2 of the Design-Builder's key personnel and the Engineer shall attend community meetings as part of the Design-Builder's community outreach program. Typically, these meetings are scheduled for two to four hours on weekday evenings. At a minimum, 1 meeting will be scheduled at 60 percent design review and the other just prior to construction. The Engineer may direct the Design-Builder to attend other meetings at no additional cost.
- 34.4** Other Meetings - From time to time during the Project, the Engineer may direct the Design-Builder to attend other meetings. These may include but are not limited to meetings with environmental or regulatory agencies, utility companies, and other City divisions or departments. These meetings shall be done at no additional cost.
- 34.5** The Design-Builder shall prepare and submit typical meeting minutes of all meetings including a list of attendees, contact information, proceedings, and all pertinent information.

35. RED-LINES:

- 35.1** The Design-Builder shall be responsible for Red-lines as described in Whitebook Section 3-7.3 Red-Lines and Record Documents.
- 35.2** Prior to final completion, The Design-Builder shall prepare and submit one complete set of full sized (24-inch x 36-inch) original mylar final As-Built Drawing CADD plots in accordance with the City's CADD Guideline. Each CADD mylar drawing sheet shall be stamped and signed by qualified responsible engineers registered in the State of California, and shall be stamped and wet signed by the architect/engineer of record, as required by law. Other applicable portions of the drawing title blocks shall also be signed by the Design-Builder. Drawing mylar shall be 3 mils minimum thickness.
- 35.3** Prior to Final Completion, the Design-Builder shall also submit:
 - 35.3.1** One complete full-sized set of the final As-Built's.
 - 35.3.2** Two complete electronic file sets of the final As-Built's on CDs (typical) prepared in the Connect Edition of Bentley Open Roads Designer (ORD) Version 10.12 CADD software in accordance with City's CADD Guideline or at the City's direction to convert to AutoCAD.

36. RECORD KEEPING:

- 36.1** The Design-Builder shall maintain in a safe place at the Project Site a copy of construction documents (including field test records, correspondence, daily reports, and written interpretations and clarifications), Shop Drawings, Product Data, and Samples in good order. Field Documents, Shop Drawings, Product Data, Samples, and similar submittals are not part of the Contract Documents. The purpose of these documents is to demonstrate construction conformance to the Contract Documents, and the City shall have the right to inspect, audit, review, and copy these documents at any reasonable time.
- 36.2** The Design-Builder shall not have the authority to approve a Sample or other submittal that is not in strict conformance with the Contract Documents or the accepted final design, unless City has accepted the substitute. No Work requiring a submittal or sample submission shall commence until the submission has been approved by the Design-Builder. A copy of each approved submittal and each approved sample shall be kept in order by the Design-Builder at the Project Site.
- 36.3** The Design-Builder shall list and schedule submittals to be made and upon approval of each submittal transmit to City, within 5 Working Days, 2 copies of same. Failure to deliver the copies of approved submittals may result in withholding of progress payments.
- 36.4** The Design-Builder shall not be relieved of responsibility for any deviations from the requirements of the Contract Documents by City's acceptance of Shop Drawings, Product Data, Samples, or similar submittals unless the Design-Builder has specifically informed City of such deviation at the time of the submittal and City has accepted the specific deviation in writing. The Design-Builder shall not be relieved of responsibility for errors or omissions in Shop Drawings, Product Data, Samples or similar submittals by City's acceptance thereof. At the time of each submission, the Design-Builder shall, in writing, specifically identify deviations that the submittals or Samples may have from the requirements of the Contract Documents.

37. REQUIRED TEST/MATERIAL CERTIFICATES:

- 37.1** The Design-Builder shall ensure that all tests are performed in accordance with the methods prescribed in the most current applicable national standard as may be required by law and as prescribed in the Contract Documents. Materials or Work in place that fails to pass acceptability tests shall be retested, at the direction of City and at the Design-Builder's sole expense. The Design-Builder shall submit all test certificates to City in a timely manner.

38. TRAFFIC CONTROL:

- 38.1** The City will require the Design-Builder to develop a Traffic Control Plan which minimizes environmental impacts, including noise, to residences, businesses, and institutions. The City will also require the final Traffic Control Plan to incorporate input from the community as well as from City staff.

39. REFERENCE STANDARDS:

39.1 Except as otherwise noted or specified, the Work shall be completed in accordance with reference standards listed in **INSTRUCTIONS TO PROPOSERS AND GENERAL CONDITIONS** of this RFP.

40. DESIGN GUIDELINES:

40.1 Americans with Disabilities Act (ADA) | Americans with Disabilities Act Accessibility Guidelines (ADAAG)

40.2 American Water Works Association (AWWA)

40.3 California Building Code as adopted by the City of San Diego*

40.4 California Code of Regulations, Title 24

40.5 City of San Diego Approved Materials List (AML)

40.6 City of San Diego Computer Aided Design and Drafting (CADD),
<https://www.sandiego.gov/ecp/edocref/drawings>

40.7 City of San Diego Landscape Technical Manual

40.8 City of San Diego's Manual of Preparation of Land Development and Public Improvement plans

<https://www.sandiego.gov/planning/programs/landdevcode/landdevmanual>

40.9 City of San Diego Standard Drawings

https://www.sandiego.gov/sites/default/files/standard_drawings_2021_edition.pdf

40.10 City of San Diego Street Design Manual,

https://www.sandiego.gov/sites/default/files/street_design_manual_march_2017-final.pdf

40.11 City of San Diego Technical Guidelines for Geotechnical Reports,

<https://www.sandiego.gov/sites/default/files/legacy/development-services/pdf/industry/geoguidelines.pdf>

40.12 City of San Diego, 2021 WHITEBOOK

https://www.sandiego.gov/sites/default/files/the_whitebook_2021_edition.pdf

40.13 County of San Diego Code of Regulations

40.14 Greenbook: Standard Specifications for Public Works Construction

40.15 National Electric Code (NEC) as adopted by the City of San Diego*

40.16 State of California Health and Safety Code

40.17 Uniform Fire Code (UFC) as adopted by the City of San Diego*

40.18 Uniform Mechanical Code (UMC) as adopted by the City of San Diego*

40.19 Uniform Plumbing Code (UPC) as adopted by the City of San Diego*

- 40.20** Construction Planning & Scheduling Manual by AGC of America
- 40.21** The National Environmental Policy Act (NEPA) and other development standards contained in the San Diego Municipal Code (SDMC) and other State and Federal regulatory documents
- 40.22** City of San Diego Municipal Code;
<https://www.sandiego.gov/city-clerk/officialdocs/municipal-code>
- 40.23** State Historic Preservation Act

*Any and all codes, regulations, and permits (including amendments) issued by City's Planning and Development Services Department.

41. BRIDGING DOCUMENTS:

41.1 The following is a list of the Bridging Documents for this project available at:
https://drive.google.com/drive/folders/1SHgFCLHgRBIXYphcCsC3NwrXmXZp8VU6?usp=drive_link

1. AC 2402 Resurfacing Limits Map Books
2. Estimated Asphalt Construction Quantities Spreadsheet
3. Concrete Scope Sheet Spreadsheet
4. Adjacent Projects Maps
5. Arborist Table
6. Notice of Exemption
7. Traffic Control Plans Approach Memo
8. Implementation of CBC Curb Ramp Requirements – 9/23/2022
9. Curb Ramp Design Memo and Guidelines – 9/10/2020
10. Coring Report

42. SUPPLEMENTAL REQUIREMENTS:

All submitted hardcopy drawings and documents shall also be provided to the City in PDF format with electronically searchable text (not scanned images) to include drawings, specifications, details, reports, RFI's, Invoices, and all other documents of every type. Excel files of documents shall be provided when requested by the City.

- 42.1** The Design-Builder shall do all work as needed to accomplish the scope of work generally in accordance with the findings and recommendations in the attached Resurfacing Limits Map Books (see bridging documents).
- 42.2** New sidewalks are not included except to replace portions triggered by ADA compliance requirements or as indicated in the Estimated Asphalt Construction Quantities Spreadsheet. See bridging documents.

- 42.3** This RFP does not provide as-built drawings and other information collected during preliminary planning for this project. The Design/Builder shall be responsible for researching and obtaining all as-built drawings and any other information from the City and/or other agencies which will be necessary to complete the scope of work.
- 42.4** The Design-Builder shall resolve design and construction problems by a typical professional process including but not limited to research, field investigation, developing alternates, calculations, cost-effective analysis, making decisions/recommendations and obtaining City concurrence as needed. This process shall be diligently followed before the Design-Builder seeks direction from the City.
- 42.5** The Design-Builder shall follow the City standard practice for design and construction when not specifically addressed in the RFP scope of work, reference documents, and design guides.
- 42.6** The Design/Builder shall submit a brief monthly progress report in a format acceptable to the City, with map illustrating where curb ramps were installed and Type of Ramps installed, (see bridging documents example Sample Progress Map) for the entire duration of the project.
- 42.7** The City shall not be responsible for any assumptions the Design-Builder based their price proposal on, and the Design-Builder shall not be entitled to any additional payment for any such assumptions on which their price was based.
- 42.8** The price proposal shall include all work and materials and any references in this RFP to unit price, lump sum price, bid price or similar language shall not entitle the Design-Builder to any additional payment.
- 42.9** The price proposal shall include all work and materials, and any references to or requirements for restricted work hours and/or night work shall not entitle the Design-Builder to any additional payment.
- 42.10** The Design-builder shall submit a Schedule of Values (SOV) with substantiating data that must include estimated quantities, unit costs, and extensions for each construction item in the SOV.
- 42.11** The RFP's maps and descriptions of proposed improvements such as curb ramp locations are conceptual only and deviations from this in the final design by the Design-Builder shall not entitle the Design-Builder to any additional payment.
- 42.12** The Design-Builder shall not deviate from the scope of work as defined in the bridging documents without considering the environmental impacts as defined in the environmental document.
- 42.13** Traffic Signal Loop and Appurtenance: The Design-Builder is responsible to replace all traffic loops at every signalized intersection damaged by Construction or as required to meet current standards of loop placement. Design-Builder shall show the traffic signal loops that need to be replaced on the plans and shall coordinate with the City prior to working on removing and replacing the Traffic Signal Loop and appurtenance.

42.14 For conflicts with outside utilities (including SDGE) identified during design or construction, notify the Engineer once the conflict has been identified to discuss the conflict locations. When feasible, the Design-Builder shall design around the identified conflict. The Design-Builder shall notify the City if the conflict cannot be designed around or relocation of the utility conflict is required, and Design-Builder shall incorporate all required notes on plans and shall schedule their work accordingly to allow time to coordinate the conflicts with the outside utility company and for the outside utility company to relocate the conflict.

As part of various design phase efforts, the Design Builder shall oversee conflict coordination with the various utility companies and maintain a log of the utility companies' review comments.

43. The Work shall be performed in accordance with:

43.1 The Request for Proposal, Attachment A, Project Description, Scope of Work, and Bridging Documents, Bike Lanes Plans numbered **001399-01-D** through **001399-16-D**, **0101384-01-D** through **0101384-42-D**, **0101426-01-D** through **0101426-09-D**, **0101443-01-D** through **0101443-11-D**, **0101369-01-D** through **0101369-06-D**, and **0101446-01-D** through **0101446-14-D**, inclusive.

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

See **Appendix E - Resurfacing Limits Map Books.**

ATTACHMENT B

PHASED FUNDING PROVISIONS

PHASED FUNDING PROVISIONS

1. PRE-AWARD

- 1.1.** Within 10 Working Days of the Notice of Intent to Award, the Contractor must contact the Project Manager to discuss fund availability for each phase and shall also submit the following:

Within 10 Working Days after the Bid Opening date, the Apparent Low Bidder must contact the Project Manager to discuss fund availability for each phase and shall also submit the following:

- 1.1.1.** Construction Cost Loaded Schedule in accordance with 6-1, "CONSTRUCTION SCHEDULE AND COMMENCEMENT OF THE WORK" and 7-3, "PAYMENT."

- 1.2.** Your failure to perform any of the following may result cancelling your award of the Contract:

1.2.1. Meeting with the City's Project Manager to discuss the Phased Funding Schedule.

1.2.2. Agreeing to a Phased Funding Schedule within thirty Working Days after meeting with the City's Project Manager.

2. POST-AWARD

- 2.1.** Do not start any construction activities for the next phase until the NTP has been issued by the Engineer. The City will issue separate Notice to Proceed (NTP) documents for each phase.

- 2.2.** If requested, the Engineer may issue the NTP for the next phase before the end of the current approved phase.

PHASED FUNDING SCHEDULE AGREEMENT

The particulars left blank below, such as the total number of phases and the amounts assigned to each phase, will be completed with funding specific information from the Pre-Award Schedule and Construction Cost Loaded Schedule submitted to and approved by the City.

RFP NUMBER: K-24-2305-DB1-3

CONTRACT OR TASK TITLE: AC Overlay Group 2402

CONTRACTOR: Martin Marietta San Diego Aggregates LLC dba ATP General Engineering Contractors

Funding Phase	Phase Description	Phase Start	Phase Finish	Not-to-Exceed Amount
1	Work includes resurfacing existing roadway with asphalt concrete pavement, curb ramp installation, subgrade repairs, replacement of cross gutters, installation of pedestrian barricades, installation or relocation of pedestrian push buttons, raising appurtenances and survey monuments to grade, remove and replace striping, bike lane striping, removing and replacing of traffic loops. The scope also includes the assessment, design and construction of 24 curb returns.	NTP	NOC	\$13,748,929.85
2				
3				
Contract Total				\$ 13,748,929.85

Notes:

- 1) WHITEBOOK section 7-3.10, "Phased Funding Compensation" applies.
- 2) The total of all funding phases shall be equal to the TOTAL BID PRICE as shown on BID SCHEDULE 1 - PRICES.
- 3) This PHASED FUNDING SCHEDULE AGREEMENT will be incorporated into the CONTRACT and shall only be revised by written modifications to the CONTRACT.

CITY OF SAN DIEGO

PRINT NAME: Jose Lopez

Construction Senior Engineer

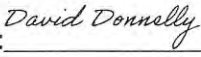
Signature: 

Date: 8/28/2024

CONTRACTOR Martin Marietta San Diego Aggregates LLC
dba ATP General Engineering Contractors

PRINT NAME: David A. Donnelly

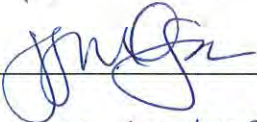
Title: Vice President

Signature: 

Date: Aug 28, 2024

PRINT NAME: Janice Jaro

Design Senior Engineer

Signature: 

Date: 08/28/2024

ATTACHMENT C
EQUAL OPPORTUNITY CONTRACTING PROGRAM

EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP)

SECTION A - GENERAL REQUIREMENTS

A. INTRODUCTION.

1. This document sets forth the following specifications:
 - a) The City's general EOCP requirements for all Construction Contracts.
 - b) Special Provisions for Contracts subject to SLBE and ELBE requirements only.
2. Additional requirements may apply for state or federally funded projects.
3. These requirements shall be included as Contract provisions for all Subcontracts.
4. The City specified forms, instructions, and guides are available for download from the EOCP's web site at: <http://www.sandiego.gov/eoc/forms/index.shtml>

B. GENERAL.

1. The City of San Diego promotes equal employment and subcontracting opportunities.
2. The City is committed to ensuring that taxpayer dollars spent on public Contracts are not paid to businesses that practice discrimination in employment or subcontracting.
3. The City encourages all companies seeking to do business with the City to share this commitment.

C. DEFINITIONS.

1. For the purpose of these requirements: Terms "Bid" and "Proposal", "Bidder" and "Proposer", "Subcontractor" and "Subconsultant", "Contractor" and "Consultant", "Contractor" and "Prime Contractor", "Consultant" and "Professional Service Provider", "Suppliers" and "Vendors", "Suppliers" and "Dealers", and "Suppliers" and "Manufacturers" may have been used interchangeably.
2. The following definitions apply:
 - a) **Emerging Business Enterprise (EBE)** - A for-profit business that is independently owned and operated; that is not a subsidiary or franchise of another business and whose gross annual receipts do not exceed the amount set by the City Manager and that meets all other criteria set forth in regulations implementing Municipal Code Chapter 2, Article 2, Division 36. The City Manager shall review the threshold amount for EBEs on an annual basis and adjust as necessary to reflect changes in the marketplace.

- b) **Emerging Local Business Enterprise (ELBE)** - A Local Business Enterprise that is also an Emerging Business Enterprise.
- c) **Minority Business Enterprise (MBE)** - A certified business that is at least fifty-one percent (51%) owned by one or more minority individuals, or, in the case of a publicly owned business at least fifty-one percent (51%) of the stock is owned by one or more minority individuals; and (2) whose daily business operations are managed and directed by one or more minorities owners. Minorities include the groups with the following ethnic origins: African, Asian Pacific, Asian Subcontinent, Hispanic, Native Alaskan, Native American, and Native Hawaiian.
- d) **Women Business Enterprise (WBE)** - A certified business that is at least fifty-one percent (51%) owned by a woman or women, or, in the case of a publicly owned business at least fifty-one percent (51%) of the stock is owned by one or more women; and (2) whose daily business operations are managed and directed by one or more women owners.
- e) **Disadvantaged Business Enterprise (DBE)** - a certified business that is at least fifty-one percent (51%) owned by socially and economically disadvantaged individuals, or, in the case of a publicly owned business at least fifty-one percent (51%) of the stock is owned by one or more socially and economically disadvantaged individuals; and (2) whose daily business operations are managed and directed by one or more socially and economically disadvantaged owners.
- f) **Disabled Veteran Business Enterprise (DVBE)** - A certified business that is at least fifty-one percent (51%) owned by one or more disabled veterans; and (2) business operations must be managed and controlled by one or more disabled veterans. Disabled Veteran is a veteran of the U.S. military, naval, or air service; the veteran must have a service-connected disability of at least 10% or more; and the veteran must reside in California.
- g) **Other Business Enterprise (OBE)** - Any business which does not otherwise qualify as a Minority, Woman, Disadvantaged, or Disabled Veteran Business Enterprise.
- h) **Small Business Enterprise (SBE)** - A for-profit business that is independently owned and operated; that is not a subsidiary or franchise of another business and whose gross annual receipts do not exceed the amount set by the City Manager and that meets all other criteria set forth in regulations implementing Municipal Code Chapter 2, Article 2, Division 36. The City Manager shall review the threshold amount for SBEs on an annual basis and adjust as necessary to reflect changes in the marketplace. A business certified as a Micro Business (MB) or a Disabled Veteran Business Enterprise (DVBE) by the State of

California and that has provided proof of such certification to the City Manager shall be deemed to be an SBE.

- i) **Small Local Business Enterprise (SLBE)** - A Local Business Enterprise that is also a Small Business Enterprise.

D. CITY'S EQUAL OPPORTUNITY COMMITMENT.

1. Nondiscrimination in Contracting Ordinance.

- a) You, your Subcontractors, and Suppliers shall comply with the requirements of the City's Nondiscrimination in Contracting Ordinance, San Diego Municipal Code §§22.3501 through 22.3517.

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

You shall include the foregoing clause in all Contracts between you and your Subcontractors and Suppliers.

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

E. EQUAL EMPLOYMENT OPPORTUNITY OUTREACH PROGRAM.

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

You shall not discriminate against any employee or applicant for employment on any basis prohibited by law. You shall provide equal opportunity in all employment practices. You shall ensure that your Subcontractors comply with this program. Nothing in this section shall be interpreted to hold you liable for any discriminatory practices of your Subcontractors.

You shall include the foregoing clause in all Contracts between you and your Subcontractors and Suppliers.

2. If the Contract is competitively solicited, the selected Bidder shall submit a Work Force Report (Form BB05) within 10 Working Days after receipt by the Bidder to the City for approval as specified in the Notice of Intent to Award letter.
3. The selected Bidder shall submit an Equal Employment Opportunity Plan if a Work Force Report is submitted and if the City determines that there are under-representations when compared to County Labor Force Availability data.
4. If the selected Bidder submits an Equal Employment Opportunity Plan, it shall include the following assurances:
 - a) You shall maintain a working environment free of discrimination, harassment, intimidation, and coercion at all Sites and in all facilities at which your employees are assigned to Work.
 - b) You shall review your EEO Policy annually with all on-Site supervisors involved in employment decisions.
 - c) You shall disseminate and review your EEO Policy with all employees at least once a year, post the policy statement and EEO posters on all company bulletin boards and job sites, and document every dissemination, review, and posting with a written record to identify the time, place, employees present, subject matter, and disposition of meetings.
 - d) You shall review, at least annually, all supervisors' adherence to and performance under the EEO Policy and maintain written documentation of these reviews.
 - e) You shall discuss your EEO Policy Statement with Subcontractors with whom you anticipate doing business, including the EEO Policy Statement in your Subcontracts, and provide such documentation to the City upon request.

- f) You shall document and maintain a record of all Bid solicitations and outreach efforts to and from Subcontractors, contractor associations, and other business associations.
- g) You shall disseminate your EEO Policy externally through various media, including the media of people of color and women, in advertisements to recruit. Maintain files documenting these efforts and provide copies of these advertisements to the City upon request.
- h) You shall disseminate your EEO Policy to union and community organizations.
- i) You shall provide immediate written notification to the City when any union referral process has impeded your efforts to maintain your EEO Policy.
- j) You shall maintain a current list of recruitment sources, including those outreaching to people of color and women, and provide written notification of employment opportunities to these recruitment sources with a record of the organizations' responses.
- k) You shall maintain a current file of names, addresses and phone numbers of each walk-in applicant, including people of color and women, and referrals from unions, recruitment sources, or community organizations with a description of the employment action taken.
- l) You shall encourage all present employees, including people of color and women employees, to recruit others.
- m) You shall maintain all employment selection process information with records of all tests and other selection criteria.
- n) You shall develop and maintain documentation for on-the-job training opportunities, participate in training programs, or both for all of your employees, including people of color and women, and establish apprenticeship, trainee, and upgrade programs relevant to your employment needs.
- o) You shall conduct, at least annually, an inventory and evaluation of all employees for promotional opportunities and encourage all employees to seek and prepare appropriately for such opportunities.
- p) You shall ensure that the company's working environment and activities are non-segregated except for providing separate or single-user toilets and necessary changing facilities to assure privacy between the sexes.

F. SUBCONTRACTING.

1. The City encourages all eligible business enterprises to participate in City contracts as a Contractor, Subcontractor, and joint venture partner with you, your Subcontractors, or your Suppliers. You are encouraged to take positive steps to diversify and expand your Subcontractor solicitation base and to offer subcontracting opportunities to all eligible business firms including SLBEs, ELBEs, MBEs, WBEs, DBEs, DVBES, and OBEs.
2. For Subcontractor participation level requirements, see the Contract Documents where applicable.
3. For the purposes of achieving the mandatory Subcontractor participation percentages, City percentage calculations will not account for the following:
 - a) "Field Orders" and "City Contingency" Bid items.
 - b) Alternate Bid items.
 - c) Allowance Bid items designated as "EOC Type II".
4. Allowance Bid items designated as "EOC Type I" will be considered as part of the Base Bid and will be included in the percentage calculation.
5. Each joint venture partner shall be responsible for a clearly defined Scope of Work. In addition, an agreement shall be submitted and signed by all parties identifying the extent to which each joint venture partner shares in ownership, control, management, risk, and profits of the joint venture.

G. LISTS OF SUBCONTRACTORS AND SUPPLIERS.

1. You shall comply with the Subletting and Subcontracting Fair Practices Act, Public Contract Code §§4100 through 4113, inclusive.
2. You shall list all Subcontractors who will receive more than 0.5% of the total Bid amount or \$10,000, whichever is greater on the form provided in the Contract Documents (Subcontractors list).
3. The Subcontractors list shall include the Subcontractor's name, telephone number including area code, physical address, Scope of Work, the dollar amount of the proposed Subcontract, the California contractor license number, the Public Works contractor registration number issued pursuant to Section 1725.5 of the Labor Code, and the Subcontractor's certification status with the name of the certifying agency.
4. The listed Subcontractor shall be appropriately licensed pursuant to Contractor License Laws.
5. For Design-Build Contracts, refer to the RFQ and RFP for each Project or Task Order.

H. SUBCONTRACTOR AND SUPPLIER SUBSTITUTIONS.

1. Listed Subcontractors and Suppliers shall not be substituted without the Express authorization of the City or its duly authorized agent.
2. Request for Subcontractor or Supplier substitution shall be made in writing to Purchasing & Contracting Department, Public Works Division, Attention Contract Specialist, 1200 3rd Ave., Suite 200, MS 56P;, San Diego, CA 92101 with a copy to the Engineer.
3. The request shall include a thorough explanation of the reason(s) for the substitution, including dollar amounts and a letter from each substituted Subcontractor or Supplier stating that they (the Subcontractors or Suppliers) release all interest in working on the Project and written confirmation from the new Subcontractor or Supplier stating that they agree to work on the Project along with the dollar value of the Work to be performed.
4. Written approval of the substitution request shall be received by you or from the City or its authorized officer prior to any unlisted Subcontractor or Supplier performing Work on the Project.
5. Substitution of Subcontractors and Suppliers without authorization shall subject you to those penalties set forth in Public Contract Code §4110.
6. Requests for Supplier substitution shall be made in writing at least 10 Days prior to the provision of materials, supplies, or services by the proposed Supplier and shall include proof of written notice to the originally listed Supplier of the proposed substitution.
7. A Contractor whose Bid is accepted shall not:
 - a) Substitute a person as Subcontractor or Supplier in place of the Subcontractor or Supplier listed in the original bid, except that the City, or it's duly authorized officer, may consent to the substitution of another person as a Subcontractor or Supplier in any of the following situations:
 - i. When the Subcontractor or Supplier listed in the Bid, after having a reasonable opportunity to do so, fails or refuses to execute a written Contract for the scope of work specified in the subcontractor's bid and at the price specified in the subcontractor's bid, when that written contract, based upon the general terms, conditions, plans, and specifications for the project involved or the terms of the subcontractor's written bid, is presented to the subcontractor by the prime contractor.
 - ii. When the listed Subcontractor or Supplier becomes insolvent or the subject of an order for relief in bankruptcy.

- iii. When the listed Subcontractor or Supplier fails or refuses to perform his or her subcontract.
 - iv. When the listed Subcontractor fails or refuses to meet bond requirements as set forth in Public Contract Code §4108.
 - v. When you demonstrate to the City or it's duly authorized officer, subject to the provisions set forth in Public Contract Code §4107.5, that the name of the Subcontractor was listed as the result of an inadvertent clerical error.
 - vi. When the listed Subcontractor is not licensed pursuant to Contractor License Law.
 - vii. When the City, or it's duly authorized officer, determines that the Work performed by the listed Subcontractor or that the materials or supplies provided by the listed Supplier are substantially unsatisfactory and not in substantial accordance with the Plans and specifications or that the Subcontractor or Supplier is substantially delaying or disrupting the progress of the Work.
 - viii. When the listed Subcontractor is ineligible to work on a public works project pursuant to §§1777.1 or 1777.7 of the Labor Code.
 - ix. When the City or its duly authorized agent determines that the listed Subcontractor is not a responsible contractor.
- b) Permit a Contract to be voluntarily assigned or transferred or allow it to be performed by anyone other than the original Subcontractor, Supplier listed in the original Bid without the consent of the City, or it's duly authorized officer.
 - c) Other than in the performance of "Change Orders" causing changes or deviations from the Contract, sublet or subcontract any portion of the Work, or contract for materials or supplies in excess of 0.5% of your total bid or \$10,000, whichever is greater, as to which his or her original Bid did not designate a Subcontractor or Supplier.
8. Following receipt of notice from you of the proposed substitution of a Subcontractor or Supplier, the listed Subcontractor or Supplier who has been so notified shall have 5 Working Days within which to submit written objections to the substitution to the Contract Specialist with a copy to the Engineer. Failure to file these written objections shall constitute the listed Subcontractor or Supplier's consent to the substitution. If written objections are filed, the City shall give notice in writing of at least 5 Working Days to the listed Subcontractor or Supplier of a hearing by the City on your request for substitution.

I. PROMPT PAYMENT.

1. You or your Subcontractors shall pay to any subcontractor, not later than 7 Calendar Days of receipt of each progress payment, unless otherwise agreed to in writing, the respective amounts allowed you on account of the Work performed by the Subcontractors, to the extent of each Subcontractor's interest therein. In cases of Subcontractor performance deficiencies, you shall make written notice of any withholding to the Subcontractor with a copy to the Contracts Specialist. Upon correction of the deficiency, you shall pay the Subcontractor the amount previously withheld within 14 Calendar Days after payment by the City.
2. Any violation of California Business and Professions Code, §7108.5 concerning prompt payment to Subcontractors shall subject the violating Contractor or Subcontractor to the penalties, sanctions, and other remedies of that section. This requirement shall not be construed to limit or impair any contractual, administrative, or judicial remedies otherwise available to you or your Subcontractor in the event of a dispute involving late payment or nonpayment by the Prime Contractor, deficient subcontract performance, or noncompliance by a Subcontractor.

J. PROMPT PAYMENT OF FUNDS WITHHELD TO SUBCONTRACTORS.

1. The City will hold retention from you and will make prompt and regular incremental acceptances of portions, as determined by the Engineer, of the Work and pay retention to you based on these acceptances.
2. You or your Subcontractors shall return all monies withheld in retention from a Subcontractor within 30 Calendar Days after receiving payment for Work satisfactorily completed and accepted including incremental acceptances of portions of the Work by the City.
3. Federal law (49CFR26.29) requires that any delay or postponement of payment over 30 Calendar Days may take place only for good cause and with the City's prior written approval. Any violation of this provision by you or your Subcontractor shall subject you or your Subcontractor to the penalties, sanctions, and other remedies specified in §7108.5 of the Business and Professions Code.
4. These requirements shall not be construed to limit or impair any contractual, administrative, or judicial remedies otherwise available to you or your Subcontractor in the event of a dispute involving late payment or nonpayment by you, deficient subcontract performance, or noncompliance by a Subcontractor.

K. CERTIFICATION.

1. The City accepts certifications of DBE, DVBE, MBE, SMBE, SWBE, or WBE by any of the following certifying agencies:
 - a) Current certification by the State of California Department of Transportation (CALTRANS) as DBE, SMBE, or SWBE.

- b) Current MBE, WBE, or DVBE certification from the California Public Utilities Commission.
- c) DVBE certification is received from the State of California's Department of General Services, Office of Small and Minority Business.
- d) Current certification by the City of Los Angeles as DBE, WBE, or MBE.
- e) Subcontractors' valid proof of certification status (copies of MBE, WBE, DBE, or DVBE certifications) shall be submitted as required.

L. CONTRACT RECORDS AND REPORTS.

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

EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP)

SECTION B - SLBE-ELBE SUBCONTRACTING REQUIREMENTS

THESE SPECIAL PROVISIONS SUPPLEMENT THE POLICIES AND REQUIREMENTS ESTABLISHED BY THE CITY OF SAN DIEGO EQUAL OPPORTUNITY CONTRACTING PROGRAM SPECIFIED IN THE CITY'S GENERAL EOCP REQUIREMENTS.

A. GENERAL.

1. It is the City's policy to encourage greater availability, capacity development, and contract participation by SLBE and ELBE firms in City contracts. This policy is, in part, intended to further the City's compelling interest to stimulate economic development through the support and empowerment of the local community, ensure that it is neither an active nor passive participant in marketplace discrimination, and promote equal opportunity for all segments of the contracting community.
2. The City is committed to maximizing subcontracting opportunities for all qualified and available firms.
3. This policy applies to City-funded construction contracts. Bidders shall be fully informed of this policy as set forth in these specifications. Mandatory or voluntary subcontracting percentages, Bid Discounts, and restricted competitions are specified in the Contract Documents.
4. You shall make subcontracting opportunities available to a broad base of qualified Subcontractors and shall achieve the minimum SLBE-ELBE Subcontractor participation identified for your project.
5. Failure to subcontract the specified minimum (mandatory) percentages of the Bid to qualified available SLBE-ELBE Subcontractors will cause a Bid to be rejected as non-responsive unless the Bidder has demonstrated compliance with the affirmative steps as specified in the City's document titled "Small Local Business (SLBE) Program, INSTRUCTIONS FOR BIDDERS COMPLETING THE GOOD FAITH EFFORT SUBMITTAL" and has submitted documentation showing that all required positive efforts were made prior to the Bid submittal due date. The required Good Faith Effort (GFE) documentation shall be submitted to the Contract Specialist. The instructions for completing the good faith effort submittal can be found on the City's website:
<https://www.sandiego.gov/sites/default/files/legacy/eoc/pdf/slbegfeinst.pdf>
6. The current list of certified SLBE-ELBE firms and information for completing the GFE submittal can be found on the City's EOC Department website:
<http://www.sandiego.gov/eoc/programs/slbe>
7. These requirements may be waived, at the City's sole discretion, on projects deemed inappropriate for subcontracting participation.

B.

DEFINITIONS.

1. The following definitions shall be used in conjunction with these specifications:

- a) **Bid Discount** – Additional inducements or enhancements in the bidding process that are designed to increase the chances for the selection of SLBE firms in competition with other firms.
- b) **Commercially Useful Function** – An SLBE-ELBE performs a commercially useful function when it is responsible for the execution of the Work and is carrying out its responsibilities by actually performing, managing, and supervising the Work involved. To perform a commercially useful function, the SLBE-ELBE shall also be responsible, with respect to materials and supplies used on the Contract, for negotiating price, determining quantity and quality, ordering the material, and installing (where applicable) and paying for the material itself.

To determine whether an SLBE-ELBE is performing a commercially useful function, an evaluation will be performed of the amount of Work subcontracted, normal industry practices, whether the amount the SLBE-ELBE firm is to be paid under the contract is commensurate with the Work it is actually performing and the SLBE-ELBE credit claimed for its performance of the Work, and other relevant factors. Specifically, an SLBE-ELBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of meaningful and useful SLBE-ELBE participation, when in similar transactions in which SLBE-ELBE firms do not participate, there is no such role performed.

- c) **Good Faith Efforts (GFE)** – Documentation of the Bidder’s intent to comply with SLBE Program goals and procedures included in the City’s SLBE Program, Instructions for Completing Good Faith Effort Submittal available from the City’s EOCP website or the Contract Specialist.
- d) **Independently Owned, Managed, and Operated** – Ownership of a SLBE-ELBE firm shall be direct, independent, and by individuals only. Business firms that are owned by other businesses or by the principals or owners of other businesses that cannot themselves qualify under the SLBE-ELBE eligibility requirements shall not be eligible to participate in the Program. Moreover, the day-to-day management of the SLBE-ELBE firm shall be direct and independent of the influence of any other businesses that cannot themselves qualify under the SLBE-ELBE eligibility requirements.
- e) **Joint Venture** – An association of two or more persons or business entities that is formed for the single purpose of carrying out a single defined business enterprise for which purpose they combine their capital, efforts, skills, knowledge, or property. Joint ventures shall be established by written agreement to qualify for this program.

- f) **Local Business Enterprise (“LBE”)** – A firm having a Principal Place of Business and a Significant Employment Presence in San Diego County, California that has been in operation for 12 consecutive months and a valid business tax certificate. This definition is subsumed within the definition of Small Local Business Enterprise.
- g) **Minor Construction Program** – A program developed for bidding exclusively among SLBE-ELBE Construction firms.
- h) **Principal Place of Business** – A location wherein a firm maintains a physical office and through which it obtains no less than 50% of its overall customers or sales dollars.
- i) **Protégé** – A firm that has been approved and is an active participant in the City’s Mentor-Protégé Program and that has signed the required program participation agreement and has been assigned a mentor.
- j) **Significant Employee Presence** – No less than 25% of a firm’s total number of employees are domiciled in San Diego County.

C. SUBCONTRACTOR PARTICIPATION.

1. For the purpose of satisfying subcontracting participation requirements, only 1st tier SLBE–ELBE Subcontractors will be recognized as participants in the Contract according to the following criteria:
 - a) For credit to be allowed toward a respective participation level, all listed SLBE-ELBE firms shall have been certified by the Bid due date.
 - b) The Subcontractor shall perform a commercially useful function for credit to be allowed toward subcontractor participation levels. The Subcontractor shall be required by you to be responsible for the execution of a distinct element of the Work and shall carry out its responsibility by actually performing and supervising its own workforce.
 - c) If the Bidder is seeking the recognition of materials, supplies, or both towards achieving any mandatory subcontracting participation level, the Bidder shall indicate on Form AA40 – Named Equipment/Material Supplier List with the Bid the following:
 - i. If the materials or supplies are obtained from a SLBE-ELBE manufacturer, the Bidder will receive 100% of the cost of the materials or supplies toward SLBE participation. For the purposes of counting SLBE-ELBE participation, a manufacturer is a firm that operates or maintains a factory or establishment that produces, on the premises, the materials, supplies, articles, or equipment required under the Contract and of the general character described by the specifications.
 - ii. If the materials or supplies are obtained from a SLBE-ELBE supplier, the Bidder will receive 60% of the cost of the

materials or supplies toward SLBE participation. For the purposes of counting SLBE-ELBE participation a Supplier is a firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described by the specifications and required under the Contract are bought, kept in stock, and regularly sold or leased to the public in the usual course of business. To be a supplier, the firm shall be an established, regular business that engages, as its principal business and under its own name, in the purchase and sale or lease of the products in question. A person may be a supplier in such bulk items as petroleum products, steel, cement, gravel, stone, or asphalt without owning, operating, or maintaining a place of business if the person both owns and operates distribution equipment for the products. Any supplementing of the suppliers' own distribution equipment shall be by a long-term lease agreement and shall not be on an ad hoc or contract-by-contract basis.

iii. If the materials or supplies are obtained from a SLBE-ELBE, which is neither a manufacturer nor a supplier, the entire amount of fees or commissions charged for assistance in the procurement of the materials and supplies, fees or transportation charges for the delivery of materials or supplies required on a job site will be counted toward SLBE-ELBE participation, provided the fees are reasonable and not excessive as compared with fees customarily allowed for similar services. No portion of the cost of the materials and supplies themselves will be counted toward SLBE-ELBE participation.

d) If the Bidder is seeking the recognition of SLBE-ELBE Trucking towards achieving any mandatory subcontracting participation level, the Bidder shall indicate it on Form AA35 – List of Subcontractors with the Bid. The following factors will be evaluated in determining the credit to be allowed toward the respective participation level:

i. The SLBE-ELBE shall be responsible for the management and supervision of the entire trucking operation for which it is getting credit on a particular Contract and there shall not be a contrived arrangement for the purpose of counting SLBE-ELBE participation.

ii. The SLBE-ELBE shall itself own and operate at least 1 fully licensed, insured, and operational truck used on the Contract.

- iii. The SLBE-ELBE receives credit for the total value of the transportation services it provides on the Contract using trucks it owns, insures, and operates using drivers it employs.
- iv. The SLBE-ELBE may lease trucks from another SLBE-ELBE firm including an owner-operator who is certified as a SLBE-ELBE. The SLBE-ELBE who leases trucks from another SLBE-ELBE receives credit for the total value of the transportation services the lessee SLBE-ELBE provides on the contract.
- v. The SLBE-ELBE may also lease trucks from a non-SLBE-ELBE firm, including an owner-operator. The SLBE-ELBE who leases trucks from a non-SLBE-ELBE is entitled to credit for the total value of transportation services provided by non-SLBE-ELBE lessees not to exceed the value of transportation services provided by SLBE-ELBE owned trucks on the contract. Additional participation by non-SLBE-ELBE lessees receive credit only for the fee or commission it receives as a result of the lease arrangement.
- vi. A lease shall indicate that the SLBE-ELBE has exclusive use of and control over the truck. This does not preclude the leased truck from working for others during the term of the lease with the consent of the SLBE-ELBE so long as the lease gives the SLBE-ELBE absolute priority for use of the leased truck.

D. SLBE-ELBE SUBCONTRACTOR PARTICIPATION PERCENTAGES.

1. Contracts valued at \$1,500,000 and above will be considered Major Public Works Contracts and will include a mandatory Subcontractor participation requirement for SLBE-ELBE firms.
 - a) The Bidder shall achieve the mandatory Subcontractor participation requirement or demonstrate GFE.
 - b) The Bidders shall indicate the participation on Forms AA35 - List of Subcontractors and AA40 - Named Equipment/Material Supplier List as applicable regardless of the dollar value.
 - c) An SLBE-ELBE Bidder may count its own participation toward achieving the mandatory goal as long as the SLBE-ELBE Bidder performs 51% of the Contract Price.
2. Contracts Valued over \$1,000,000 and under \$1,500,000 will also be considered Major Public Works Contracts and will include the mandatory subcontractor participation requirements described above and the following:
 - a) 5% bid discount for SLBE-ELBE firms.
 - b) Non-certified Contractor will receive 5% bid discount if they achieve the specified mandatory Subcontracting participations.
 - c) Bid discounts shall not apply if the award will result in a total contract cost of \$50,000 in excess of the apparent lowest Bid.

- d) In the event of a tie bid between a SLBE-ELBE Bidder and a non-SLBE-ELBE Bidder, the SLBE-ELBE Bidder will be awarded the Contract.
 - e) In the event of a tie bid between a discounted Bid and a non-discounted Bid, the discounted Bid will be awarded the Contract.
- 3. Contracts valued over \$500,000 up to \$1,000,000 will be considered Minor Public Works Contracts and will be awarded through a competitive Bid process open only to City certified SLBE-ELBE firms. If there are no bidders or no responsible bidders, the Contract will be made available to all Bidders and will be subject to requirements listed in items 1 and 2 for Major Public Works Contracts above.
 - 4. Contracts valued at \$500,000 and below will also be considered Minor Public Works Contracts and will be awarded through a competitive bid process open only to City certified ELBEs unless there are less than 2 firms available at which it will be awarded through a competitive process open only to the City certified SLBE-ELBE firms. If there are no bidders or no responsible bidders, the Contract will be made available to all Bidders and subject to requirements listed in items 1 and 2 for Major Public Works Contracts above.

E. JOINT VENTURES.

- 1. The City may allow for Joint Venture bid discounts on some Contracts. Contracts that allow for Joint Venture bid discounts will be designated in Bid documents. A firm that is bidding or competing for City Contracts may partner with a certified SLBE or ELBE to compete for Contracts as a Joint Venture.
- 2. A Joint Venture shall be between two entities with the same discipline or license as required by the City. Joint ventures will receive bid discounts depending on the SLBE or ELBE percentage of participation. To be eligible for a discount, a Joint Venture Agreement shall be approved by the City at the time of Bid submittal. The maximum allowable discount shall be 5%. The parties shall agree to enter in the relationship for the life of the projects.
- 3. Joint Venture shall submit a Joint Venture Management Plan, a Joint Venture Agreement, or both at least 2 weeks prior to the Bid due date. Copies of the Joint Venture applications are available upon request to the Contract Specialist. Each agreement or management plan shall include the following:
 - a) Detailed explanation of the financial contribution for each partner.
 - b) List of personnel and equipment used by each partner.
 - c) Detailed breakdown of the responsibilities of each partner.
 - d) Explanation of how the profits and losses will be distributed.
 - e) Description of the bonding capacity of each partner.
 - f) Management or incentive fees available for any one of the partners (if any).

4. Each Joint Venture partner shall perform a Commercially Useful Function. An SLBE or ELBE that relies on the resources and personnel of a non-SLBE or ELBE firm will not be deemed to perform a Commercially Useful Function.
5. Each Joint Venture partner shall possess licenses appropriate for the discipline for which a proposal is being submitted. If a Joint Venture is bidding on a single trade project, at the time of bid submittal, each Joint Venture partner shall possess the requisite specialty license for that trade bid.
6. The SLBE or ELBE partner shall clearly define the portion of the Work to be performed. This Work shall be of the similar type of Work the SLBE or ELBE partner performs in the normal course of its business. The Joint Venture Participation Form shall specify the Bid items to be performed by each individual Joint Venture partner. Lump sum Joint Venture participation shall not be acceptable.
7. Responsibilities of the SLBE or ELBE Joint Venture Partner:
 - a) The SLBE or ELBE partner shall share in the control, management responsibilities, risks and profits of the Joint Venture in proportion with the level of participation in the project.
 - b) The SLBE or ELBE partner shall perform Work that is commensurate with its experience.
 - c) The SLBE or ELBE partner shall use its own employees and equipment to perform its portion of the Work.
 - d) The Joint Venture as a whole shall perform Bid items that equal or exceed 50% of the Contract Price, excluding the cost of manufactured items, in order to be eligible for a Joint Venture discount.

F. MAINTAINING PARTICIPATION LEVELS.

1. Credit and preference points are earned based on the level of participation proposed prior to the award of the Contract. Once the Project begins you shall achieve and maintain the SLBE-ELBE participation levels for which credit and preference points were earned. You shall maintain the SLBE-ELBE percentages indicated at the Award of Contract and throughout the Contract Time.
2. If the City modifies the original Scope of Work, you shall make reasonable efforts to maintain the SLBE-ELBE participation for which creditor preference points were earned. If participation levels will be reduced, approval shall be received from the City prior to making changes.
3. You shall notify and obtain written approval from the City in advance of any reduction in subcontract scope, termination, or substitution for a designated SLBE-ELBE Subcontractor. Failure to do so shall constitute a material breach of the Contract.
4. If you fail to maintain the SLBE-ELBE participation listed at the time the Contract is awarded and have not received prior approval from the City, the City may declare you in default and will be considered grounds for debarment under Chapter 2, Article 2, Division 8, of the San Diego Municipal Code.

G. SUBCONTRACTING EFFORTS REVIEW AND EVALUATION.

1. Documentation of your subcontracting efforts will be reviewed by EOCP to verify that you made subcontracting opportunities available to a broad base of qualified Subcontractors, negotiated in good faith with interested Subcontractors, and did not reject any bid for unlawful discriminatory reasons. The EOCP review is based on the federal “Six Good Faith Efforts” model.
2. The GFEs are required methods to ensure that all ELBE and SLBE firms have had the opportunity to compete for the City’s Public Works procurements. The Six Good Faith Efforts, also known as affirmative steps, attract and utilize ELBE and SLBE firms:
 - a) Ensure ELBE firms are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities.
 - b) Make information of forthcoming opportunities available to SLBE-ELBE firms and arrange time for Contracts and establish delivery schedules, where requirements permit, in a way that encourages and facilitates participation by SLBE-ELBE firms in the competitive process. This includes posting solicitations for Bids or proposals to SLBE-ELBE firms for a minimum of 10 Working Days before the Bid or Proposal due date.
 - c) Consider in the contracting process whether firms competing for large Contracts could subcontract with SLBE-ELBE firms.
 - d) Encourage contracting with a consortium of ELBE-SLBE firms when a Contract is too large for one of these firms to handle individually.
 - e) Use the services and assistance of the City’s EOC Office and the SLBE-ELBE Directory.
 - f) If you award subcontracts, require your Subcontractors to take the steps listed above.

H. GOOD FAITH EFFORT DOCUMENTATION.

1. If the specified SLBE-ELBE Subcontractor participation percentages are not met, you shall submit information necessary to establish that adequate GFEs were taken to meet the Contract Subcontractor participation percentages. See the City’s document titled “Small Local Business (SLBE) Program, INSTRUCTIONS FOR BIDDERS COMPLETING THE GOOD FAITH EFFORT SUBMITTAL.” The instructions for completing the good faith effort submittal can be found on the City’s website:

<https://www.sandiego.gov/sites/default/files/legacy/eoc/pdf/slbegfeinst.pdf>

I. SUBCONTRACTOR SUBSTITUTION.

1. Evidence of fraud or discrimination in the substitution of Subcontractors will result in sanctions including assessment of penalty fines, termination of Contract, or debarment. This section does not replace applicable California Public Contract Code.

J. FALSIFICATION OF SUB-AGREEMENT AND FRAUD.

1. Falsification or misrepresentation of a sub-agreement as to company name, Contract amount or actual Work performed by Subcontractors, or any falsification or fraud on the part your submission of documentation and forms pursuant to this program, will result in sanctions against you including assessment of penalty fines, termination of the Contract, or debarment. Instances of falsification or fraud which are indicative of an attempt by you to avoid subcontracting with certain categories of Subcontractors on the basis of race, gender, gender expression, gender identity, religion, national origin, ethnicity, sexual orientation, age, or disability shall be referred to the Equal Opportunity Contracting Program's Investigative Unit for possible violations of Article 2, Division 35 of the City Administrative Code, §§22.3501 et seq. (Nondiscrimination in Contracting).

K. RESOURCES.

1. The current list of certified SLBE-ELBE firms and information for completing the GFE submittal can be found on the City's EOC Department website:
<http://www.sandiego.gov/eoc/programs/slbe>
-

ATTACHMENT D
PREVAILING WAGE

ATTACHMENT D

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 **2021 Edition** of the Standard Specifications for Public Works Construction (The "GREENBOOK").
2. The **2021 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.
 - b) General Provisions (B) for Design-Build and Multiple Award Construction Contracts.

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

1-2 **TERMS AND DEFINITIONS.** To the "WHITEBOOK":

To Item 47, "Holiday", ADD the following:

Holiday	Observed On
Juneteenth	June 19

To Item 55, "Normal Working Hours", DELETE in its entirety and SUBSTITUTE with the following:

Normal Working Hours: Normal Working Hours shall be **8:30 AM to 3:30 PM, Monday through Friday**, inclusive. Saturdays, Sundays, Engineered Traffic Control Plans for selected streets, and City Holidays are excluded. Unless otherwise specified on the Traffic Control Permits.

SECTION 2 - SCOPE OF THE WORK

2-2.2 **Caltrans Encroachment Permit.** To the "WHITEBOOK", item 1, DELETE in its entirety and SUBSTITUTE with the following:

1. You shall apply and obtain the Caltrans Encroachment Permit.
 - a) You shall pay for and secure the permit prior to construction.
 - b) You shall arrange and pay for inspection as required by Caltrans.
 - c) You shall prepare any plans and backup documents necessary as required by Caltrans.

2-2.3 **Payment.** To the "WHITEBOOK", item 2, DELETE in its entirety and SUBSTITUTE with the following:

2. The payment for applying and obtaining the Caltrans Encroachment Permit and preparation of any required plans, documents and addressing Caltrans comments shall be included in the Allowance Bid item for "**Caltrans Encroachment Permit Submittal (EOC Type I)**".

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 project consists of several street segments throughout the City of San Diego as shown in **Appendix E - Resurfacing Limits Map Books**. The Engineer may substitute specific street segments for asphalt overlay or slurry seal due to roadway conditions, utility or construction conflicts or urgent community needs. The Engineer will provide notice of the change in writing. The Engineer may substitute street segments with other street segments within the same geographical areas as shown in **Appendix J - Estimated Asphalt Construction Quantities**, with no additional mobilization costs. The Engineer will adjust the locations provided in the Contract Documents as needed.
2. The Engineer may identify locations to be done ahead of the Contractor's schedule with a 30-day written notification so that curb ramps could be done ahead of the paving at no cost to the City.
3. The Bid quantities in the Appendices are estimates based on a street assessment survey. The Bid quantities are for estimating purposes only and will likely vary due to continued deterioration of the streets, such as streets quantified as having no cubic yards of Excavation for digout repair, may in fact need a digout repair (see 301-1.6).
4. The Engineer may identify the paving work to be completed ahead of the curb ramps in certain locations earlier than the time shown on the Schedule with a 30-day written notification. See Section 301-1.7 (9) for compensation.

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.

3-7.5.1 **Payment.** To the "WHITEBOOK", Item 1, DELETE in its entirety and SUBSTITUTE the following:

1. The payment for As-Built Drawings shall be included in the Contract Price. Files may be requested by the City to be converted to AutoCAD at no additional cost to the City.

3-7.6.1 Use of Computer Aided Drafting and Design. To the "WHITEBOOK", Item 1, DELETE in its entirety and SUBSTITUTE the following:

1. Use of Bentley Connect ORD 10.12 version for the preparation of Plans and As-Built drawings in accordance with the City's CADD Standards or at no cost to the City to convert files from Bentley Connect ORD Version 10.12 to AutoCAD file format upon request.

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.
8. The QCP shall include a sample Daily Quality Control Inspection report. See example in **Appendix G – Contractor's Daily Quality Control Inspection Report.**
9. Additions and Alterations to the Contractor's Quality Control Plan may be requested at the discretion of the Engineer. The request for Additions and Alterations to the Contractor's Quality Control Plan will be made to the Contractor in writing by the Engineer. Submission of Additions and Alterations to The Contractor's Quality Control Plan shall be submitted within 5 working days from the date the request for Additions and Alterations is made by the Engineer.
10. Additions and Alterations to the Contractor's Quality Control Plan shall be subject to approval by the Engineer.
11. The Contractor shall ensure that all Items of Work, regardless of their inclusion in or omission from the Contractors Quality Control Plan, conform to the Contract Documents.

3-8.7.7 Payment. To the "WHITEBOOK", Item 1, DELETE in its entirety and SUBSTITUTE with the following:

1. The payment for preparation, submittal, implementation, testing and maintenance of the Quality Control Plan in accordance with the Contract Documents shall be included in the Contract Price.

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) Pavement Coring Report dated December 19, 2023 & April 20, 2024
6. For the above listed report, refer to **Appendix N – Coring Report.**

3-10 SURVEYING. To the “GREENBOOK” and “WHITEBOOK”, DELETE in its entirety and SUBSTITUTE with the following:

3-10 SURVEYING (DESIGN-BUILD).

3-10.1 General.

1. All Survey Services deliverables shall be submitted per the City’s CADD Standards and pertinent Public Works Department Engineering Deliverable specifications.
<https://www.sandiego.gov/ecp/edocref/drawings>
2. All Survey Services and deliverables which reveal non-compliance with the requirements of the Construction Documents and standards shall be corrected as deemed necessary by the City at the Design-Builder’s expense.
3. Where Survey Services are provided by the City, all construction survey stakes, control points, and other survey related marks shall be preserved for the duration of the Project. If any construction survey stakes, control points, or other survey related marks are lost or disturbed and need to be replaced, such replacement shall be performed at the Design-Builder’s expense.
4. The City’s Land Survey Section (LSS) shall be notified a minimum of 2 Working Days (large projects may require more) before any ground is to be disturbed within the City of San Diego (concrete, asphalt, or dirt). The LSS may need to inspect the site and provide monumentation information.

3-10.2 Monument Perpetuation.

1. Monument Perpetuation, including mark-outs, will be performed by the CityEngineering & Capital Projects Department Construction Engineering Support Division (CESD) , Land Survey Section (LSS), unless otherwise noted. You are responsible for requesting the coordination of these services.
2. If at any time a monument will be destroyed or covered, such monument shall be perpetuated in accordance with state law. Inform the LSS, via project Resident Engineer, if any monument will be destroyed or covered during any construction activity.

3-10.3 Line and Grade.

1. The Work shall conform to the lines, elevations, and grades shown on the Plans. Three consecutive points set on the same slope shall be used together so that any variation from a straight grade can be detected. Any such variation shall be reported to the City’s PM. In the absence of such report, the Surveyor shall be responsible for any error in the grade of the Work.
2. Grades for underground conduits will be set at the surface of the ground. The Design-Builder shall transfer them to the bottom of the trench.

3-10.4 Topographic and Monument Survey – Preliminary Design.

1. Topographic field survey shall include all existing ground surface topography, fencing, hardscape, utilities, roadway surface, and curb returns within the

delineated mapping limit. Monument survey shall include the sufficient collection of existing record survey monuments to perform right-of-way (ROW) analysis along within subject mapping limits.

2. Unless otherwise specified, the Land Surveyor shall adhere to Section 3 of the Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys (Effective February 23, 2016).

<https://www.nspss.com/page/ALTANSPPStandards>

3. Horizontal Control shall be based on the CCS83 Zone 6, 1991.35 epoch, U.S. Survey Feet per Record of Survey Map No. 14492 (ROS 14492). It is required to tie into a first order monument per ROS 14492 unless a first order monument no longer exists within a three mile radius. Horizontal control measurements shall be collected in conformance with the local standard of practice.
4. Vertical Control shall be based on NGVD29 per benchmarks in the City of San Diego Bench Book. Non 1970 adjusted and 1970 adjusted benchmarks listed with an asterisk (*) in the City Benchmark book are not to be used together for Vertical Control – common adjustment sets are to be used.
5. All topographic field survey data shall be collected using conventional survey methods utilizing total station instrumentation.
6. Deliverables.
 - a) Horizontal and Vertical Control.
 - i. Completed Calibration sheet as provided indicating the monuments used to establish the Basis of Bearings and Vertical Benchmark held to control this survey.
 - b) Field Data.
 - i. Data collected as points and break lines to define a proper DTM if requested outside of aerial mapping.
 - ii. Includes utilities collected on surface as required.
 - iii. Includes Horizontal control points from ROS 14492 used to define the Basis of Bearings and Vertical control Benchmark(s) to establish elevation.
 - iv. Includes record monument points.
 - v. Data collector project files.
 - vi. Raw (unedited) data file.
 - vii. Project file.
 - viii. Point comma delimited text file formatted.

- c) Topography.
 - i. Create and deliver a complete ASCII coordinate list (.txt/.doc etc.) of all field collected survey points.
 - The contours produced from the surface digital terrain model (dtm) shall meet or exceed ASPRS 90 standards where 68% (1σ) of the contours tested fall within $1/3$ contour interval. Any point tested that is more than 3σ out shall be regarded as a blunder. These standards closely parallel the familiar National Map Accuracy Standards.

- d) Records Research.
 - i. All public or private records acquired to determine the City's ROW in the project area delivered in digital or hardcopy format with any markups and City Records as acquired.
 - City records may include but are not limited to GIS scope plots, sewer and water sheets, loose leaf survey notes, Tie Point sheets, dedication or vacation drawings, easement drawings, benchmark list, and etc.
 - After initial search of City records by the Surveyor, they may request City assistance to search for hard to find records.

- e) Survey Monument Measurements.
 - i. All found monuments located within, or near, the survey limits shall be searched and measured. Sufficient additional monuments to control all boundaries extending from the survey limits shall be tied (i.e. block corners, Points of Curve etc.) to the next available survey monument past the survey limits.
 - All Monuments found shall be described with details as to what was found along with identifying number.

3-10.5 Monument Search, Field Boundary Survey and Boundary Analysis – Right-of-Way (ROW) Mapping.

1. The monument survey, for each designated site, shall be of sufficient coverage and quality for a Right-of-Way boundary analysis performed and provided in conformance with City CADD standards.
2. Surveyor shall deliver to the City all requested survey information and CADD data, as specified below, upon completion of the Monument Survey and Boundary Analysis.

3. Unless otherwise specified, the Land Surveyor shall adhere to Section 3 of the Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys (Effective February 23, 2016).

<https://www.nspss.com/page/ALTANSPPStandards>

4. Field monument survey to be performed and provided in conformance with City CADD standards.

5. Field Measurements shall be collected in conformance the local standard of practice.

6. Horizontal Control shall be based on the CCS83 Zone 6, 1991.35 epoch, U.S. Survey Feet units, per City of San Diego Record of Survey Map No. 14492 (ROS 14492). All Project survey control shall be based upon field-tied measurements to a Horizontal First Order monument as shown on ROS 14492. Where existing First Order monument cannot be recovered or located within a 3-mile radial distance from the project site a Horizontal Second-Order Monument may be used as Project survey basis. The Project vertical control datum shall be based on NGVD29 per benchmarks identified in the City of San Diego Vertical Control Bench Book (Bench Book). All Project benchmarks shall be selected from a common Bench Book source group:

- a) Benchmarks with elevations updated per U.S.C.G.S adjustment of 1970, identified with an asterisk (*).
- b) Benchmarks not adjusted per the 1970 adjusted values (non-asterisked identifiers).

7. Deliverables.

- a) Horizontal and Vertical Control.
 - i. Completed Calibration sheet indicating the monuments used to establish the Basis of Bearings and Vertical Benchmark held to control this survey.
- b) Field Data.
 - i. Complete, Correct CADD file in conformance with City CADD Standards and industry standards.
 - Includes Horizontal control points from ROS 14492 used to define the Basis of Bearings and Vertical control Benchmark(s) to establish elevation.
 - Includes Monument points covering the area of work.

- ii. Data collector project files.
 - Raw (unedited) data file.
 - Project file.
 - Point comma delimited text file.
- c) Records Research.
 - i. If requested, all public or private records acquired to determine the City's ROW in the project area delivered in digital or hardcopy format with any markups and City Records as acquired.
 - ii. City records may include but are not limited to GIS scope plots, sewer and water sheets, loose leaf survey notes, Tie Point sheets, dedication or vacation drawings, easement drawings, benchmark list, and etc.
- d) Boundary Ties
 - i. All monuments within the survey limits shall be searched and tied if found. Sufficient additional monuments to control all boundaries extending from the survey limits shall be tied (i.e. Block Corners, Points of Curve etc.) to the next available survey monument past the survey limits.
 - All Monuments found shall be described details as to what was found along with identifying number.

3-10.6 Field Monument Survey and Topographic Utility Survey.

1. The right-of-way monumentation survey data shall be provided to the City.
2. Surveyor shall perform a right-of-way monument survey and existing utility survey (locating feature centers). Surveyor shall also collect ground surface topography over any aerial obscured areas.
3. Unless otherwise specified, the Land Surveyor shall adhere to Section 3 of the Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys (Effective February 23, 2016).
<https://www.nsp.us.com/page/ALTANSPSStandards>
4. Field Measurements shall be collected in conformance with the local standard of practice.
5. Project Horizontal and Vertical Control.
 - a) The Horizontal and Vertical Control for this project shall be based on the same datum, basis of bearing, calibration and benchmark as used for the Aerial Survey.

- b) Horizontal Control Shall be based on the CCS83 Zone 6, 1991.35 epoch, U.S. Survey Feet per ROS 14492. It is required to tie into a first order monument per ROS 14492 unless a first order monument no longer exists within a three mile radius.
- c) Vertical Control shall be based on NGVD29 per benchmarks in the City of San Diego Bench Book. Non 1970 adjusted and 1970 adjusted benchmarks listed with an asterisk (*) in the City Benchmark book are not to be used together for Vertical Control – common adjustment sets are to be used.
- d) If adjacent City projects have been found and are included in the research packages, measurements to a minimum of 3 common control or ROW points shall be made for evaluation and consistency between projects. These projects can be used for establishing common horizontal or vertical control, joining or adding to existing data, and/or as an inventory of survey monuments for search purposes.

6. Deliverables.

- a) Horizontal and Vertical Control.
 - i. Completed Calibration sheet indicating the monuments used to establish the Basis of Bearings and Vertical Benchmark held to control this survey. The horizontal and vertical control shall be set by the Surveyor that's issued the first Notice to Proceed.
- b) Field Data.
 - i. Data collected as points and break lines to define a proper DTM beyond the identified mapping limits if requested.
 - ii. Include utilities collected on surface as required.
 - iii. Include horizontal control points from ROS 14492 to define the Basis of Bearings and Vertical control Benchmark(s) to establish elevation.
 - iv. Include Monument points covering the area of work.
 - v. Data collector project files.
 - Raw (unedited) data file.
 - Project file.
 - Point data text file in "comma delimited format".
 - vi. CADD File.
 - A digital design file displaying all field work, existing right-of-way monuments, and utility feature data per City CADD standards. The design file shall be complete, correct, and free of duplicate elements.

- The following data shall be included in the electronic mapping file: Name of Design/Engineering Firm and/or Surveyor doing the project, Company Logo (if available), Name of project, Work order number, Date & Scale.
 - Include right-of-way monument elements.
 - Use appropriate levels and attributes for all elements to meet City of San Diego CADD Standards.
- c) Topography
- i. Create and deliver a complete ASCII coordinate list (.txt/.doc etc.) as a result of the geometry report of the final .ALG file.
 - ii. Use appropriate levels and attributes for all elements to meet City of San Diego CADD Standards.
- d) Records Research.
- i. If requested, all public or private records acquired to assist with right-of-way monument collection.
 - ii. City records may include but are not limited to GIS scope plots, sewer and water sheets, loose leaf survey notes, Tie Point sheets, dedication or vacation drawings, easement drawings, benchmark list, and etc.
 - iii. After initial search of City records by the Surveyor, they may request City assistance to search for hard to find records.
- e) Right-of-Way Monument Survey Locations
- i. All monuments within the survey limits shall be searched and located if found. Sufficient additional monuments to control all boundaries extending from the survey limits shall be located to facilitate LSS ROW Mapping (i.e. block corners, points of curve, and etc.).
 - All found survey monuments shall describe the character and identifying reference marks.
 - City survey notes and City drawings can be provided, as applicable.
- f) The appropriate City of San Diego cell library (V8 City existing.cel), font resource file (V8 City font.rsc), color table (V8 City color.tbl), line style (V8 City Line style.rsc), level scheme, and seed file parameters are to be used for placement of all elements in the design files, with strict

adherence to "Working Units" and seed file "Global Origin". Base map level schemes are attached. A CD containing the most current version of the above seed files, cell libraries and font resource files will be provided, if needed, upon request.

3-10.7 Construction Survey/Staking.

1. Construction staking surveying shall be performed with the standards customarily adhered to by an experienced and competent land surveying firm using the degree of care and skill ordinarily exercised by reputable professionals practicing in the same field of service in the State of California. Where approval by the City is required, it is understood to be general approval only and shall not relieve the Design Firm of their responsibility to comply with all applicable laws, codes, and good consulting practices.
2. Field Measurements shall comply with the local standards of practice. All construction staking with a gradient of less than 1.5% shall be performed by a total station survey instrument. Gradients less than 0.2% shall require a level run prior to construction, and all said services shall be performed by the Surveyor.
3. The following are minimum requirement guidelines for various types of staking:
 - a) Limits of work 50-foot maximum interval.
 - b) Limits of Demolition 50-foot maximum interval.
 - c) Rough grade stakes 50-foot maximum interval.
 - d) Finish grade stakes 50-foot maximum interval.
 - e) Slope staking at 50-foot maximum interval.
 - f) Contour staking @ 50-foot maximum interval.
 - g) Curb stakes with offset to face of curb, and grade to top of curb with 50-foot maximum interval.
 - h) Storm drain at 50-foot maximum interval where grade exceeds 1%.
 - i) Sewer lines at 50-foot maximum interval where grade exceeds 1%.
 - j) Water lines at 50-foot' maximum interval offset to near curb face (no grades – minimum cover).
 - k) Dry utilities at 50-foot maximum interval where grade exceeds 1%.
 - l) Construction staking involving horizontal and vertical curves shall be staked at 25-foot maximum intervals, and further densification for deltas on applicable curb returns and pipe joints.
 - m) Storm Drain inlet stakes shall be on face of curb produced, and on string line grade.

- n) Walls staked at footing breaks, with station interval of 25-foot maximum intervals.
- o) Buildings – offsets to outside face of wall.
- p) Bridge abutments and bents on opposing sides.

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

- 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.

ADD:

3-13.1.3 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 Walkthrough 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 when all 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.

3-13.2 Acceptance. To the "WHITEBOOK", ADD the following:

6. The project will not be accepted in phases.

3-13.3 Warranty. To the "WHITEBOOK", DELETE Item 1 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.

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 Carmel Valley and Carmel Mountain Ranch. See **Appendix F - Adjacent Projects Maps** for the approximate location. Coordinate the Work with the adjacent projects as listed below
 - a) Slurry Seal Group 2424, Project Manager is Kevin Yacoub, phone no. 619-527-8034
 - b) Slurry Seal Group 2324, Project Manager is Kevin Yacoub, phone no. 619-527-8034
 - c) AC Overlay Group 2306, Project Manager is Jose Lopez, phone no. 619-533-7461

- d) AC Overlay Group 2403, Project Manager is Janice Jaro, phone no. 619-533-3851
- e) Asphalt Resurfacing Group 1901, Project Manager is Aveen Saleh, phone no. 619-533-4641
- f) AC Overlay Group 2303, Project Manager is Aveen Saleh, phone no. 619-533-3851
- g) La Jolla Improv 2 (S), Project Manager is Roberto Vejar-Parra, phone no. 619-533-5402

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 issuance of the Notice of Intent to Award** and on the City’s Product Submittal Form available at:

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

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 and defense duties set forth in the Contract.

5-4.1 Policies and Procedures.

- 1. You shall procure the insurance described below, at your 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 as required by this Contract and at all times thereafter when you are correcting, removing, or replacing Work in accordance with this Contract. Your duties under the Contract, including your indemnity obligations, are not limited to the insurance coverage required by this Contract.

4. If you maintain broader coverage or higher limits than the minimums shown below, City requires and shall be entitled to the broader coverage or the higher limits maintained by you. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to City.
5. Your payment for insurance shall be included in the Contract Price you bid. You are not entitled to any additional payment from the City to cover your insurance, unless the City specifically agrees to payment in writing. Do not begin any Work under this Contract or allow any Subcontractors to begin work, until you have provided, and the City has approved, all required insurance.
6. Policies of insurance shall provide that the City is entitled to 30 days advance written notice of cancellation or non-renewal of the policy or 10 days advance written notice for cancellation due to non-payment of premium. Maintenance of specified insurance coverage is a material element of the Contract. Your failure to maintain or renew coverage and 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 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	\$10,000,000
Products/Completed Operations Aggregate Limit	\$10,000,000
Personal Injury Limit	\$5,000,000
Each Occurrence	\$5,000,000

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.

5-4.2.3 Workers' Compensation Insurance and Employers Liability Insurance.

1. In accordance with the provisions of California Labor Code section 3700, 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 this requirement.
2. Statutory Limits shall be provided for Workers' Compensation Insurance as required by the state of California, and Employer's Liability Insurance with limits of no less than \$1,000,000 per accident for bodily injury or disease.
3. By signing and returning the Contract, you certify that you are aware of the provisions of California's Workers' Compensation laws, including Labor Code section 3700, which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance, and that you will comply with these provisions before commencing the Work..

5-4.2.4 Contractors Pollution Liability Insurance.

1. You shall procure and maintain at your expense or require your Subcontractor, as described below, to procure and maintain Contractors Pollution Liability Insurance applicable to the Work being performed, with a limit no less than \$2,000,000 per claim or occurrence and \$4,000,000 aggregate per policy period of one year.
2. All costs of defense shall be outside the limits of the policy.
3. You shall obtain written approval from the City for any insurance provided by your Subcontractor instead of you.
4. For approval of a substitution of your Subcontractor's insurance, you shall certify that all activities for which the Contractors Pollution Liability Insurance will provide coverage will be performed exclusively by the Subcontractor providing the insurance. The deductible shall not exceed \$25,000 per claim unless the City has provided prior, written approval.

5. Occurrence based policies shall be procured before the Work commences. Claims Made policies shall be procured before the Work commences, shall be maintained for the Contract Time, and shall include a 12-month extended Claims Discovery Period applicable to this contract or the existing policy or policies that shall continue to be maintained for 12 months after the completion of the Work without advancing the retroactive date.

5-4.2.5 Contractors Hazardous Transporters Pollution Liability Insurance.

1. You shall procure and maintain at your expense or require your Subcontractor, as described below, to procure and maintain Contractors Hazardous Transporters Pollution Liability Insurance, including contractual liability coverage to cover liability arising out of transportation of hazardous or toxic, materials, substances, or any other pollutants by you or any Subcontractor in an amount no less than \$2,000,000 limit per occurrence and \$4,000,000 aggregate per policy period of one year.
2. All costs of defense shall be outside the limits of the policy.
3. You shall obtain written approval from the City from any insurance provided by a Subcontractor instead of you..
4. To obtain City approval of a Subcontractor's insurance coverage in lieu of the Contractor's insurance, the Contractor shall certify that all activities under the Contractor's Hazardous Transporters Pollution Liability Insurance will be performed exclusively by the Subcontractor providing the insurance. The deductible shall not exceed \$25,000 per claim without prior approval of the City.
5. Occurrence based policies shall be procured before the Work commences. Claims Made policies shall be procured before the Work commences, shall be maintained for the duration of this contract, and shall include a 12-month extended Claims Discovery Period applicable to this Contract or the existing policy or policies that shall continue to be maintained for 12 months after the completion of the Work under this Contract without advancing the retroactive date.

5-4.2.8 Architects and Engineers Professional Insurance (Errors and Omissions Insurance).

1. For Contracts with required engineering services, including Design-Build and preparation of engineered Traffic Control Plans (TCP) by you, you shall keep or require all of your employees and Subcontractors, who provide professional engineering services under Contract, to provide to the City proof of Professional Liability coverage with a limit of no less than **\$3,000,000** per claim and **\$3,000,000** aggregate per policy period of one year.
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 three years after completion of the Project or termination of the 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 here.

5-4.3 Rating Requirements. Except for the State Compensation Insurance Fund, all insurance required by this Contract 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 of California, 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 of California 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 in this Contract.

5-4.4 Evidence of Insurance. You shall furnish the City with original Certificates of Insurance, including all required amendatory endorsements (or copies of the applicable policy language effecting coverage required by this clause), prior to your commencement of Work under this Contract. In addition, The City reserves the right to require complete, certified copies of all required insurance policies, including endorsements, required by these specifications, at any time.

5-4.5 Policy Endorsements.

5-4.5.1 Commercial General Liability Insurance.

5-4.5.1.1 Additional Insured. To the fullest extent permitted by law and consistent with the limiting provisions set forth at California Civil Code section 2782, California Insurance Code section 11580.04, and any applicable successor statutes limiting indemnification of public agencies that bind the City, the policy or policies shall be endorsed to include as an Additional Insured the City and its respective elected officials, officers, employees, agents, and representatives, with respect to liability arising out of:

- i. Ongoing operations performed by you or on your behalf,
- ii. your products,

- iii. your work, e.g., your completed operations performed by you or on your behalf, or
- iv. 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 Workers' Compensation Insurance and Employers Liability Insurance.

5-4.5.2.1 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.

5-4.5.3 Contractors Pollution Liability Insurance Endorsements.

5-4.5.3.1 Additional Insured. To the fullest extent permitted by law and consistent with the limiting provisions set forth at California Civil Code section 2782, California Insurance Code section 11580.04, and any applicable successor statutes limiting indemnification of public agencies that bind the City, the policy or policies shall be endorsed to include as an Additional Insured the City and its respective elected officials, officers, employees, agents, and representatives, with respect to liability arising out of:

- a. Ongoing operations performed by you or on your behalf,
- b. your products,
- c. your work, e.g., your completed operations performed by you or on your behalf, or
- d. premises owned, leased, controlled, or used by you.

5-4.5.3.2 Primary and Non-Contributory Coverage. The policy or policies shall be endorsed to provide that the insurance afforded by the Contractors Pollution Liability Insurance policy or policies is primary to any insurance or self-insurance of the City and its

elected officials, officers, employees, agents and representatives with respect to operations including the completed operations of the Named Insured. Any insurance maintained by the City and its elected officials, officers, employees, agents and representatives shall be in excess of your insurance and shall not contribute to it.

5-4.5.3.3 Severability of Interest. For Contractors Pollution Liability Insurance, the policy or policies shall provide that your insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability and shall provide cross-liability coverage.

5-4.5.4 Contractors Hazardous Transporters Pollution Liability Insurance Endorsements.

5-4.5.4.1 Additional Insured. To the fullest extent permitted by law and consistent with the limiting provisions set forth at California Civil Code section 2782, California Insurance Code section 11580.04, and any applicable successor statutes limiting indemnification of public agencies that bind the City, the policy or policies shall be endorsed to include as an Additional Insured the City and its respective elected officials, officers, employees, agents, and representatives, with respect to liability arising out of:

- a. Ongoing operations performed by you or on your behalf,
- b. your products,
- c. your work, e.g., your completed operations performed by you or on your behalf, or
- d. premises owned, leased, controlled, or used by you.

5-4.5.4.2 Primary and Non-Contributory Coverage. The policy or policies shall be endorsed to provide that the insurance afforded by the Contractors Pollution Liability Insurance policy or policies is primary to any insurance or self-insurance of the City and its elected officials, officers, employees, agents and representatives with respect to operations including the completed operations of the Named Insured. Any insurance maintained by the City and its elected officials, officers, employees, agents and representatives shall be in excess of your insurance and shall not contribute to it.

5-4.5.4.3 Severability of Interest. For Contractors Hazardous Transporters Pollution Liability Insurance, the policy or policies shall provide that your insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability, and shall provide cross-liability coverage.

5-4.6 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. The City may require you to purchase coverage with a lower retention or provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or City.

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, in writing, 30 days prior to any material change to the policies of insurance provided under this Contract. This written notice is in addition to the requirements of paragraph 6 of Section 5-4.1.

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

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

5-10.2.1 Public Notice by Contractor.

1. Post Project Identification Signs in accordance with 3-11.2, "Project Identification Signs".
2. No less than 5 and no more than 10 Working Days in advance of Project construction activities and utility service interruptions, you shall notify all critical facilities, businesses, institutions, property owners, residents, or any other impacted stakeholders within a minimum 300-foot (90 m) radius of the Project i.e., work area and any other affected areas as shown on the "Notification of Planned Water Shutdown" when you perform the Work.
3. The notification process must be repeated for delays and long pauses in construction activities. Verbal and written notifications, such as door hangers, shall be sent to critical facilities (including but not limited to police stations, fire stations, hospitals, and schools). A copy of written notifications sent to any critical facility shall also be sent to the Engineer.
4. You shall keep records of the people contacted, along with the dates of notification, and shall provide the record e.g., time-stamped pictures of the notices, to the Engineer upon request. You shall identify all other critical facilities that need to be notified.
5. Verbal and written notifications shall also include specific impacts from the construction of the City facilities, e.g., fire hydrants, air vacuum and blow-off devices, pedestrian ramps, and sidewalks, e.g., the loss of parking, access, and impact to private property, e.g., landscaping.
6. 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 and all critical facilities such as police stations, fire stations, hospitals, and schools.
7. Where Work is to be performed at least 5 and at most 10 Working Days before starting construction, survey activities, or impacting the community as approved by the Engineer.

8. Within 5 Working Days of the completion or pausing of your construction activities where Work was performed, you shall distribute public notices in the form of door hangers, which outline the anticipated dates of Asphalt Resurfacing, Slurry Seal, Sidewalk, or Curb Ramp Work. Upon resuming construction activities, you shall redistribute door hangers described in section a) above.
9. "No Parking" signs shall be placed 72 hours before the scheduled construction activities and must include the name and phone number of the Contractor. The Contractor shall document the placement of the signs with time-stamped pictures.
10. Leave the door hanger notices on or at the front door of each dwelling and apartment unit and at each commercial building tenant abutting each street block segment.
11. Where the front doors of apartment units are inaccessible or occupants are unavailable, distribute the door hanger notices to the apartment manager or security officer and leave your contact information, such as business cards.
12. Provide time-stamped pictures of the notices to the Engineer,
13. Door Hanger Material: You shall use Blanks/USA brand, Item Number DHJ5B6WH, 1¼ inch (31.8 mm) Holes (removed), 2-up Jumbo Door Hanger in Bristol White, or approved equal.
14. Door hangers shall include the funding source if project is funded in part by State Gas Tax Revenue (SB1).
15. Mailed Notice Material: You shall use Cougar by Domtar, Item Number 2834, or approved equal.
16. For all Work on private property, contact each owner and occupant individually a minimum of 15 Working Days before the Work. If the Work has been delayed, re-notify owners and occupants of the new Work schedule, as directed by the Engineer.
17. A sample of public notices will be included in the Contract.

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

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

5-10.3.2 Weekly Updates Recipients.

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

Janice Jaro, Senior Engineer, jjaro@sandiego.gov

Solomon Kumbi / Carlos Novoa, Project Engineers, skumbi@sandiego.gov / cnovoa@sandiego.gov

SECTION 6 – PROSECUTION AND PROGRESS OF THE WORK

6-1.1 Construction Schedule. To the “WHITEBOOK”, Item 1, subitem h), DELETE in its entirety and SUBSTITUTE with the following:

- h) Your Schedule shall include a minimum of 52 Working Days between Substantial Completion and Acceptance. 7 Working Days are reserved for the Engineer to schedule and conduct a Walk-through inspection and 15 Working Days are reserved for the generation of the Punchlist. You shall work diligently to complete all Punchlist items within 30 days after the Engineer provides the punchlist.

To the “WHITEBOOK”, ADD the following:

3. The Schedule shall clearly identify the Substantial Completion as a critical milestone activity.
4. Contracts with Paving Activities:
 - a. The Schedule shall show a breakdown of Work into Phases. The phases shall include work within geographically common areas designated as Project Areas. The schedule shall show the division of the Work into Project Areas and show paving activities by phase in each Project Area.
 - b. For linear projects, project areas and paving phases shall not exceed one mile.
 - c. The Engineer may identify the Work in certain locations to be scheduled earlier than the time shown in the Schedule with a 30calendar day written notification to ensure curb ramps are completed ahead of the paving at no cost to the City.
 - d. The Schedule shall include and identify for each Project Area the Substantial Completion date.

- e. You shall work diligently to complete Punchlist items within 30 Working Days after the Engineer provides the Punchlist. No additional Working Days shall be added to the Contract Time for the completion of the intermediate project area inspection.
 - f. For paving only contracts, paving shall commence no later than 30 days after the Notice to Proceed.
 - g. Using a City approved format and on a weekly basis, provide a 3-week look-ahead paving schedule that identifies street segments to be resurfaced. The information to be provided includes but may not be limited to:
 - Project Title
 - Street Name
 - Street ID #
 - From Intersection
 - To Intersection
 - Length
 - Completion Date
 - Council District #
 - h. The Engineer may identify the paving work to be completed ahead of the concrete flatwork in certain locations earlier than the time shown on the Schedule with a 30-day written notification. See Section 301-1.7(9), for compensation.
5. Refer to the Sample City Invoice materials **Appendix D – Sample City Invoice** and use the format shown.

6-1.1.2 Contracts More Than \$500,000 In Value. To the “WHITEBOOK”, item 4, subitem d), DELETE in its entirety and SUBSTITUTE with the following:

- d) Construction activities including submittal review, operation checks, plant establishment period, final Walk-through, Punchlist generation, and completion of Punchlist items.

6-1.2 Commencement of the Work. To the “WHITEBOOK”, ADD the following:

- 7. Work along Fay Avenue and Carmel Mountain Road must be completed first.

6-1.3.1 Payment. To the "WHITEBOOK", ADD the following:

8. The payment for any work outside normal working hours, including weekend work and night work, shall be included in the Contract Price

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

4. Do not Work in the areas where there is currently a moratorium issued by the City. The areas subject to moratorium are listed below:
 - a) Summer Beach Moratorium from May 27 to September 2 (inclusive).
 - b) Holiday Moratorium near shopping areas Thanksgiving to New Year (inclusive).
 - c) Construction must only take place between September 16th to January 31st on North Torrey Pines Rd between La Jolla Shores Rd and La Jolla Village Dr to avoid impacts during the breeding season of avian species.

ADD:

6-6.1.1 Environmental Document.

1. The City of San Diego has prepared a **Notice of Exemption** for **AC Overlay Group 2402**, Project No. **B-24012.02.06**, 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.

6-9 LIQUIDATED DAMAGES. To the "WHITEBOOK", item 2, DELETE in its entirety and SUBSTITUTE with the following:

2. The execution of the Contract shall constitute agreement between you and the City that the liquidated damage amount described in the table below is the value of the damage caused by your failure to complete the Work within the allotted time. Such sum shall not be construed as a penalty and may be deducted from your payments if such delay occurs.

Contract Value	Liquidated Damages Daily Amount
Less than \$200,001	\$1,000
\$200,001 to \$500,000	\$1,500
\$500,001 to \$1,000,000	\$2,000
\$1,000,001 to \$2,000,000	\$2,500

Contract Value	Liquidated Damages Daily Amount
\$2,000,001 to \$5,000,000	\$3,000
\$5,000,001 to \$10,000,000	\$5,500
\$10,000,001 to \$20,000,000	\$6,500
Greater Than \$20,000,000	\$7,000

SECTION 7 – MEASUREMENT AND PAYMENT

7-3.1

General. To the “WHITEBOOK”, ADD the following:

3. The Lump Sum Bid item for “**Construction (Curb Ramp Special Design) ”** shall include the construction of all curb ramps identified as Special design and shall include but is not limited to ramp runs, transition areas up (up to 15 ft), landings, DWT, demolition and disposal, forming, relocating or adjusting items conflict to grade, protecting and preserving existing survey monuments and improvements, slot trench resurfacing, excavate and export of any unsuitable materials encountered during excavation, base repair materials, curb paint, colored concrete and all labor, materials needed for the construction specified in **Appendix J - Concrete Scope Sheet** identified as Special Design (“S”), and as detailed in Attachment A & Contract Documents .
4. The Lump Sum Bid item for “**Engineering and Design Services (Curb Ramp Special Design)”** shall include and is not limited to the evaluation, design, preparation of plans, reviews, and any required survey needed to complete the design of the special design ramps as specified in **Appendix J - Concrete Scope Sheet** identified as Special Design (“S”), and as detailed in Attachment A & Contract Documents.

7-3.2.1

Application for Progress Payment. To the “WHITEBOOK”, ADD the following:

6. The City shall not pay progress or partial payments until you submit to the Engineer the calculations for the Oil Price Index Fluctuations in accordance with Section 7-3.11. It is solely your responsibility to prepare and submit this calculation on a monthly basis.

7-3.5.1

General. To the “WHITEBOOK”, DELETE in its entirety and SUBSTITUTE with the following:

1. Unit Bid prices shall not be subject to adjustment regardless of quantity used for the following Bid items:
 - a) **“Asphalt Pavement Repair”**
 - b) **“Crushed Miscellaneous Base”**
 - c) **“Traffic Signal Loop and Appurtenance Replacement (Type E and type E Modified)”**

- d) **“Traffic Signal Loop and Appurtenance (Type Q)”**
- e) **“Excavation for Base Repair”**
- f) **“Asphalt Concrete Base”**
- g) **“Asphalt concrete with Aramid Fiber (2.1 Oz Aramid Fiber per Ton Asphalt Concrete) - 2 Inch”**
- h) **“Class 2 Aggregate Base”**
- i) **“Asphalt concrete with Aramid Fiber (2.1 Oz Aramid Fiber per Ton Asphalt Concrete) - 3 Inch”**
- j) **“Asphalt concrete Overlay”**
- k) **“New Pedestrian Push Button”**
- l) **“New Pedestrian Push Button Post”**
- m) **“Excavation for Base Repair (Unscheduled)”**
- n) **“Crushed Miscellaneous Base (Unscheduled)”**
- o) **“Unclassified Excavate and Export”**
- p) **“Reconstruct Survey Monument Box”**
- q) **“Inlet Markers”**
- r) **“Asphalt Restoration (Concrete Flatwork)”**

2. Upon discovery and prior to the Work, you shall notify the Resident Engineer if there is a change in Bid item quantity that increases the total Contract Price by 5% or \$100,000 or more, whichever is less.

7-3.8

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

1. Should any Bid Items, except Bid Items listed in item 2 of this section, be eliminated in its entirety, payment will be made to the Contractor for its actual costs incurred in connection with the eliminated item prior to notification in writing from the Engineer so stating its elimination.
2. If eliminated in their entirety, no payment will be made for actual costs incurred in connection with the following eliminated items:
 - a) **“Asphalt Pavement Repair”**
 - b) **“Crushed Miscellaneous Base”**
 - c) **“Traffic Signal Loop and Appurtenance Replacement (Type E)”**
 - d) **“Traffic Signal Loop and Appurtenance (Type Q)”**
 - e) **“Excavation for Base Repair”**
 - f) **“Unclassified Excavate and Export”**
 - g) **“Asphalt Concrete Base”**
 - h) **“Class II Base”**

- i) **“Asphalt concrete with Aramid Fiber (2.1 Oz Aramid Fiber per Ton Asphalt Concrete) - 2 Inch”**
 - j) **“Asphalt concrete with Aramid Fiber (2.1 Oz Aramid Fiber per Ton Asphalt Concrete) - 3 Inch”**
 - k) **“Asphalt concrete (2 Inch)”**
 - l) **“New Pedestrian Push Button”**
 - m) **“New Pedestrian Push Button Post”**
 - n) **“Excavation for Base Repair (Unscheduled)”**
 - o) **“Crushed Miscellaneous Base (Unscheduled)”**
 - p) **“Adjust Existing Manhole Frame and Cover to Grade”**
 - q) **“Adjust Existing Gate Valve Frame and Cover to Grade”**
 - r) **“Adjust Existing Sewer Clean Out Frame and Cover to Grade”**
 - s) **“Adjust Existing Survey Monument to Grade”**
 - t) **“Reconstruct Existing Survey Monument Box”**
 - u) **“Inlet Markers”**
 - v) **“Asphalt Restoration (Concrete Flatwork)”**
3. If material conforming to the Contract Documents 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.
4. Actual costs, as used herein, shall be computed on the basis of Extra Work.

7-3.9

FIELD ORDERS. To the “WHITEBOOK”, DELETE in its entirety and SUBSTITUTE with the following:

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

**TABLE 7-3.9
FIELD ORDER LIMITS**

Contract Price	Maximum Each Field Order Work Amount
Less than \$1,000,001	\$10,000
\$1,000,001 to \$5,000,000	\$20,000
\$5,000,001 to \$10,000,000	\$25,000

Contract Price	Maximum Each Field Order Work Amount
\$10,000,001 to \$30,000,000	\$40,000
Greater than \$30,000,000	\$70,000

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

203-6.1 General. To the "WHITEBOOK" and "GREENBOOK", DELETE in its entirety and SUBSTITUTE with the following:

203-6.1 General. Asphalt concrete shall be the product of mixing mineral aggregate and reclaimed asphalt pavement (RAP) with asphalt binder at a central mixing plant.

When specified in the Special Provisions, asphalt concrete may be produced using a warm mix asphalt (WMA) technology.

Unless otherwise specified in the Special Provisions or shown on the Plans, asphalt concrete mixtures shall conform to 203-6.4.

If the asphalt concrete mixture contains more than 15% RAP, refer to Caltrans Standard Specifications Section 39, "Asphalt Concrete" for "Materials" and "Construction" requirements only unless specified otherwise in these (1) Supplementary Special Provisions, (2) The WHITEBOOK, and (3) The GREENBOOK in that order of precedence. Replace all references to actions by the "Department" with actions by the "City."

203-6.2.1 Asphalt Binder. To the "GREENBOOK", ADD the following:

Unless otherwise specified, for mixtures containing 15 percent or less RAP, the performance grade of the virgin asphalt binder shall be the grade specified in the Special Provisions with the upper and lower temperature classification of Performance Grade (PG) 64-10.

For mixtures containing greater than 15 percent and not exceeding 25 percent RAP, the performance grade of the virgin binder shall be the grade specified in the Special Provisions with the upper and lower temperature classification of PG 58-16.

For mixtures containing greater than 25 percent RAP, the performance grade of the asphalt binder shall be determined based on viscosity and blending charts developed in accordance with AASHTO M323.

203-6.2.2 Rock Products for Asphalt Concrete Mixtures. To the "GREENBOOK", ADD the following:

Aggregates must be clean and free from deleterious substances. The aggregates for a leveling course must comply with the gradation specifications for Type A HMA in Caltrans Standard Specification Section 39-2.02B.

203-6.2.3 Rock Products for Type III Asphalt Concrete Mixtures. To the "GREENBOOK", ADD the following:

Aggregate gradation must be determined before the addition of asphalt binder and must include supplemental fine aggregates. Test for aggregate gradation under AASHTO T 27. Do not wash the coarse aggregate. Wash the fine aggregate only. Use a mechanical sieve shaker. Aggregate shaking time must not exceed 10 minutes for each coarse and fine aggregate portion. Choose a TV within the TV limits shown in the tables titled "Aggregate Gradations." Gradations are based on nominal maximum aggregate size.

203-6.2.5.1 General. To the "GREENBOOK", ADD the following:

RAP shall be defined as asphalt concrete pavement that has been processed to a maximum of 1 inch (25 mm) in size and is free of contaminants. RAP may be substituted for part of the virgin aggregate in a quantity up to the lowest level allowed in the Caltrans Standard Specifications by dry weight of the combined aggregates.

Unless otherwise specified, RAP may be substituted for part of the virgin aggregate at or above the level allowed in the Caltrans Standard Specifications; currently, 25 percent by dry weight of the combined aggregates.

203-6.2.5.2 RAP Stockpiles. To the "GREENBOOK", ADD the following:

Fractionated RAP stockpiles shall be isolated from other materials. Fractionated RAP shall be stored in conical or longitudinal stockpiles. Fractionated RAP shall not be agglomerated or be allowed to congeal.

203-6.2.5.3 Fractionation. To the "GREENBOOK". DELETE in its entirety and SUBSTITUTE with the following:

203-6.2.5.3 Fractionation. Fractionation is the processing of RAP into 2 or more sizes. For RAP substitution of 15 percent or less, fractionation is not required. For RAP substitution greater than 15 percent, RAP shall be fractionated into 2 sizes conforming to the requirements shown in Table 203-6.2.5.3. The RAP stockpile fractionation gradation shall conform to the requirements shown in Table 203-6.2.5.3.

Table 203-6.2.5.3

Size	Test Method	Requirement
Coarse (% passing the 1-inch sieve)	California Test 202 ^a	100
Fine (% passing the 3/8-inch sieve)	California Test 202 ^a	98-100

^a Maximum mechanical shaking time is 10 minutes.

If RAP is from multiple sources, the RAP shall be thoroughly and completely blended before fractionating.

The coarse fractionated stockpile, the fine fractionated stockpile, or a combination of the coarse and fine fractionated stockpile may be used.

203-6.2.5.4 Testing. To the "GREENBOOK", ADD the following:

The mix design RAP stockpile shall be sampled and tested in accordance with California Test 384. The average shall be reported on the mix design submittal. When the mix design RAP stockpile is augmented, RAP used to augment the stockpile shall be sampled at a minimum frequency of 1 sample per 500 tons in accordance with California Test 384 before augmenting. Each sample shall be tested to determine the uncorrected binder content in accordance with AASHTO T 308. The same ignition oven shall determine the uncorrected asphalt binder content reported on the mix design submittal.

The augmented RAP sample, when tested under AASHTO T 209, shall be within ± 0.06 of the average maximum specific gravity reported on the mix design submittal.

For startup of a project:

1. Less than 5,000 tons of a QC test from another City approved submittal from the same plant within the last 90 days may be submitted for review.
2. For greater than 5,000 tons the following QC test must be completed and submitted to the Engineer:

Quality Characteristic	Test Method
Asphalt binder content	AASHTO T 308, Method A
HMA moisture content	AASHTO T 329
Combined Aggregate Gradation	California Test 384
Combined Aggregate Sand equivalent	California Test 217 or ASTM D2419
Combined Aggregate Moisture content	AASHTO T 255
Air voids content	AASHTO T 269
Voids in mineral aggregate	MS-2 Asphalt mixture volumetrics
Dust proportion	MS-2 Asphalt mixture volumetrics
Hveem Stability	MS-2 and OBC CT 367
Hamburg wheel track	AASHTO T 324 (modified)
Gyrations Compaction	AASHTO T 312

During production, RAP QC testing shall be sampled twice daily and the following additional tests shall be performed with the minimum frequency:

Quality Characteristic	Test Method	Minimum Frequency
Asphalt binder content	AASHTO T 308, Method A	1 per day with a minimum of 500 tons

Quality Characteristic	Test Method	Minimum Frequency
Aggregate Gradation – combined with RAP	California Test 384	1 per day with a minimum of 100 tons
Aggregate Sand equivalency	California Test 217 or ASTM D2419	1 per day with a minimum of 100 tons
Aggregate Moisture content	AASHTO T 255	1 per day with a minimum of 100 tons
Hveem Stability	MS-2 and OBC CT 367	1 per day with a minimum of 100 tons
Hamburg wheel track	AASHTO T 324 (modified)	1 per 5,000 tons or 1 per project, whichever is greater
Nuclear gauge density	California Test 375	1 per 50 tons

203-6.2.5.5 Quality. To the "GREENBOOK", ADD the following:

For RAP content higher than 15% in HMA, refer to Sections 39-2.01, "General"; 39-2.02, "Type A Hot Mix Asphalt," and 39-2.03, "Rubberized Hot Mix Asphalt--Gap Graded," of the Caltrans Standard Specifications in effect at the time of Bid for the quality assurance requirements. Under this process, the contractor performs quality control testing, and the City performs acceptance testing and inspection. The acceptance decision is based on the City's test results only.

RAP shall conform to the requirements shown in Table 203-6.2.5.5:

Table 203-6.2.5.5

Quality Characteristic	Test method	Requirement
Uncorrected Binder Content (% within the average value reported) ^a	AASHTO T 308	±2.00
Specific gravity (within the average value reported)	AASHTO T 209	±0.06
Combined Aggregates Sand Equivalent (min)	California Test 217 or ASTM	50

^a Average uncorrected binder content of 3 ignition oven tests performed.

^a Average maximum specific gravity reported on the JMF.

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

203-6.3.1 General.

1. The Contractor shall submit in accordance with 3-8.4 a JMF that summarizes each asphalt concrete mix design for each class and grade of asphalt concrete

required to construct the Work. Supporting information for the warm mix asphalt (WMA) technology and/or recycling agent, if included in a mixture, shall also be submitted e.g., C2 PG 58-16 (½ inch) (12.5 mm) and B3 PG 58-16 (¾ inch) (19 mm) asphalt concrete.

2. Asphalt concrete for JMF and Mix Designs shall be Type III and shall not exceed the allowable RAP level.
3. The JMF shall identify the source and the individual grading of each material used to produce the mix design (including the percentage and individual gradation of any manufactured or natural sands), the combined gradation, the optimum binder content (OBC), void content, reclaimed asphalt pavement (RAP) percentage, RAP gradation, RAP binder content, stability value, plant identification, mix number, WMA technology, and the source and performance grade of the paving asphalt. Upon request, the mix design test data represented by the JMF shall be immediately made available to the Engineer.
4. When greater than 25 percent RAP is to be included in a mixture, a mix design shall be submitted on Caltrans Forms CEM-3511 and CEM-3512 or another format as approved by the Engineer. The submittal shall include supporting information showing the viscosity of the individual binders (both the virgin paving asphalt grade and that of the binder recovered from the RAP); and the amount of recycling agent, if any, and the blended final viscosity in accordance with AASHTO M323.
5. For all mixtures, the asphalt binder content shall be defined as the total bituminous material present in the mix consisting of the blend of virgin paving asphalt, residual paving asphalt from RAP, and recycling agent.
6. Refer to Caltrans Standard Specifications, 39-2.01A(3)(b), "Job Mix Formula" for additional requirements for modifications, renewal, authorization, and quality control plan.
7. A new mix design shall be prepared and a new JMF submitted if:
 - a) the combined aggregate gradation is not within ± 3 percentage points of the gradation shown on the referenced mix design on any sieve,
 - b) the source of any aggregate is changed,
 - c) the performance grade of paving asphalt is changed,
 - d) the average binder content in a new fractionated RAP stockpile varies by more than ± 2.00 percent from the average RAP binder content reported on the JMF,
 - e) the average maximum specific gravity in a new fractionated RAP stockpile varies by more than ± 0.060 from the average maximum specific gravity value reported on the JMF.

8. AASHTO T 324 (Modified) is AASHTO T 324 (Standard Method of Test for Hamburg Wheel-Track Testing of Compacted Asphalt Mixtures) with the following parameters:
 - a) Target air voids must equal 7.0 ± 1.0 percent.
 - b) Specimen height must be 60 ± 1 mm.
 - c) Number of test specimens must be 4 to run 2 tests.
 - d) Do not average the 2 test results.
 - e) Test specimen must be a 150 mm gyratory compacted specimen.
 - f) Test temperature must be set at:
 1. 113 ± 2 degrees F for PG 58 for use of 25% RAP
 2. 22 ± 2 degrees F for PG 64 for use of 15% RAP
 3. Measurements for impression must be taken at every 100 passes along the total length of the sample.
 - g) Inflection point is the number of wheel passes at the intersection of the creep slope and the stripping slope at maximum rut depth.
 - h) Testing shut off must be set at 25,000 passes.
 - i) Submersion time for samples must not exceed 4 hours.
9. Take samples under California Test 125.

ADD:

203-6.3.3

Asphalt Binder Replacement. Asphalt binder replacement shall be defined as the asphalt binder from RAP expressed as a percent of the total asphalt binder in the mixture. The asphalt binder replacement shall be calculated as a percentage of the approved JMF target asphalt binder content. The maximum asphalt binder replacement for mixtures containing RAP shall be 25 percent of the optimum binder content (OBC) for surface courses and 40 percent for leveling and base courses.

For Type A HMA with a binder replacement percent less than or equal to 25 percent of your specified OBC, you may request that the performance-graded asphalt binder grade with upper and lower temperature classifications be reduced by 6 degrees C from the specified grade.

Once the City has approved a mix design, the asphalt binder content shall be within 0.5% of the identified target binder contents for each mix design submitted.

Each approved asphalt plant and location shall perform an annual verification process with the City.

ADD:

203-6.4.5 Miscellaneous Areas and Dikes. For miscellaneous areas and dikes:

1. Choose the aggregate gradation from:
 - a) 1/2-inch Type A HMA aggregate gradation.
 - b) Dike mix aggregate gradation.
2. Choose asphalt binder Grade PG 58-16 or 64-10.
3. Minimum asphalt binder content must be:
 - a) 5.70 percent for 1/2-inch Type A HMA aggregate gradation.
 - b) 6.00 percent for dike mix aggregate gradation.

If you request and the Engineer authorizes, you may reduce the minimum asphalt binder content. Aggregate gradation for dike mix must be within the TV limits for the specified sieve size as shown below:

Sieve size	Target value limit	Allowable tolerance
1/2"	100	--
3/8"	---	95 - 100
No. 4	73-77	TV ± 10
No. 8	58-63	TV ± 10
No. 30	29-34	TV ± 10
No. 200		0 - 14

For HMA used in miscellaneous areas and dikes, sections 203-6.3.1 do not apply.

203-6.7 Production. To the "GREENBOOK" ADD the following:

1. Before production, the HMA plant must have a current qualification under the City's Material Plant Quality Program for each mix design.

203-6.7.1 General. To the "GREENBOOK", ADD the following:

During production, the hot- or cold-feed proportion controls for virgin aggregate and RAP may be adjusted. For RAP substitution of 15 percent or less, RAP must be within ± 5 of the RAP percentage shown in the approved JMF fo1m without exceeding 15 percent. For RAP substitution of greater than 15 percent, RAP must be within ± 5 of the RAP percentage shown in the approved JMF form without exceeding 25 percent.

Do not start HMA production before verification and authorization of JMF. The HMA plant must have a current qualification under the City's Material Plant Quality Program. Weighing and metering devices used to produce HMA modified with additives must comply with the City's MPQP. If a loss-in-weight meter is used for dry

HMA additive, the meter must have an automatic and integral material delivery control system for the refill cycle.

Calibrate the loss-in-weight meter by:

1. Including at least 1 complete system refill cycle during each calibration test run
2. Operating the device in a normal run mode for 10 minutes immediately before starting the calibration process
3. Isolating the scale system within the loss-in-weight feeder from surrounding vibration
4. Checking the scale system within the loss-in-weight feeder for accuracy before and after the calibration process and daily during mix production
5. Using a minimum 15 minute or minimum 250 lb. test run size for a dry ingredient delivery rate of less than 1 ton per hour.
6. Complying with the limits of City's Conveyor Scale Testing

Proportion aggregate by hot or cold-feed control. The aggregate temperature must not be more than 375 degrees F when mixed with the asphalt binder. Asphalt binder temperature must be from 275 to 375 degrees F when mixed with aggregate. Mix HMA ingredients into a homogeneous mixture of coated aggregates.

HMA must be produced at the temperatures shown in the following table:

HMA compaction	Temperature (°F)
HMA	
Density based Method	s; 325 305-325

If you stop production for longer than 30 days, a production start-up evaluation is required.

SECTION 207 – GRAVITY PIPE

207-17.2.1 Identification Marks. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

207-17.2.1 Identification Marks. Polywrap shall not be used as pipe color identification for plastic pipe. All pipe, fittings, and couplings shall be clearly marked at intervals not to exceed 5 feet as follows:

- a. Color: Green (for wastewater applications).
- b. Nominal pipe diameter.
- c. PVC cell classification.

- d. Company, plant, shift, ASTM, SDR, and date designation.
- e. Service designation or legend.
- f. For fittings and couplings, the SDR designation is not required.

SECTION 300 – EARTHWORK

300-2.8 **Measurements.** 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.

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

- 1. The payment for unclassified excavation shall be included under the lump sum Bid items or for the Contract Unit Prices except where a bid item is provided.
- 2. The payment for excavating and stockpiling shall be included under the lump sum Bid items or for the Contract Unit Prices. Removing such selected material from the stockpile and placing it in its final position shall be included under the lump sum Bid items or for the Contract Unit Prices. The Contractor may stockpile material; however, no separate payment will be made for excavating material from an optional stockpile and placing it in its final position.
- 3. 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 any asphalt concrete or application of slurry, you shall complete all necessary preparation and repair Work and shall obtain approval by the Resident 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:
 - a. Offset distance of the appurtenance from the curb face
 - b. The limits of the appurtenance or corners of the vault/box
6. The quantities shown in the appendices are based on a street assessment survey and may vary. The Engineer will designate the limits to be removed and prepared and these designated areas shall be considered to take precedence over the areas shown in an Appendix to the Contract Documents.
7. You shall repair areas of distressed asphalt concrete pavement by milling or removing damaged areas of pavement to a minimum depth of 2 inches (50.8 mm) for residential streets and a minimum depth of 3 inches (76.2 mm) for all others except where specified otherwise in the Special Provisions and Contract Documents or as directed by the Engineer to expose firm and unyielding pavement as specified.
8. If, in order to achieve the minimum specified depth, the base material or native subgrade is exposed, you shall notify the Engineer the material shall be compacted to 95% relative compaction.
9. Compaction tests shall be made to ensure compliance with the specifications.
10. The QCP shall establish location and timing of compaction testing and shall be subject to approval by the Engineer. You shall reimburse the City for the cost of retesting failing compaction tests conducted as part of the City of San Diego Quality Assurance testing.
11. 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.

12. 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.
13. Areas of damaged asphalt requiring base repair work including excavation, placement of asphalt concrete, asphalt concrete base, and Crushed Miscellaneous Base, have been identified in the appendices as "DO", Dig Out, also called Base Repairs.
14. The areas and quantities shown 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.
15. 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".
16. 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.
17. 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".
18. Recycled base material shall conform to crushed miscellaneous base material in accordance with 200-2.4, "Crushed Miscellaneous Base".
19. 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.
20. Materials removed, regardless of removal method, shall be disposed of at a legal site.
21. 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 the areas shown in the appendices 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. Please refer to **Appendix J – Estimated Asphalt Construction Quantities**.
- 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 “Crushed Miscellaneous Base” unless otherwise directed by the Engineer. These areas have been identified in the appendices 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”. “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 25% RAP in content.
- i. A Base repair identified prior to initiation of the preparatory work shall be considered scheduled.

- j. A base repair is considered unscheduled when it is not identified in the appendices as “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. 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 Prices for which preparation works are performed, unless it is specified as a separate Bid Item.
3. The areas and quantities shown 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. Asphalt pavement subgrade repair, and base repair dig-outs, shall be paid at the Contract unit price for **“Excavation for Base Repair”** or **“Excavation for Base Repair (Unscheduled)”**, **“Asphalt Concrete Base”**, **“Asphalt Concrete Base (Unscheduled)”**, **“Crushed Miscellaneous Base”** and **“Crushed Miscellaneous Base (Unscheduled)”**. No Payment shall be made for areas of over excavation as determined by the Engineer.
5. 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)”**.
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. The payment for pavement restoration as a result of concrete flatwork construction after paving work is completed, when requested by the City in accordance with Section 6-1.1, "Construction Schedule", shall include all material, labor, mobilization, cold milling, asphalt concrete, slot trench restoration, asphalt repair and any other pertinent cost and shall be included in the unit price for Bid Item **"Asphalt Pavement Restoration (Concrete Flatwork)"**. No additional Compensation will be allowed..
9. No additional payment shall be made for milling, grinding, saw cutting, stockpiling, 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

302-5.4 Tack Coat. To the "WHITEBOOK", ADD the following:

3. Prior to applying the tack coat, submit calculations for the minimum spray rate required to achieve the minimum residual rate.

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

2. The contract unit price for **Asphalt Concrete (2 Inch) with Aramid Fiber** and **Asphalt Concrete (3 Inch) with Aramid Fiber** shall include full compensation for furnishing all material, labor, tools, equipment, QA/QC mixing and reporting, and incidentals for doing all the work involved in metering and feeding the treated aramid fiber, and placement and compaction of the Fiber Reinforced HMA. Pavement requiring additional Cold Milling and Asphalt Concrete for transition between masonry work and existing asphalt beyond the limits of the slot trench or pavement resurfacing shall be measured in square feet of the area for Asphalt Pavement Repair as directed by the Engineer.

302-6.8

Payment. To the "GREENBOOK", ADD the following:

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

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

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

Payment for subgrade repair and base repair dig-outs, shall be included in the Bid Item for "**Unclassified Excavate and Export**" and "**Class II Base**" No Payment shall be made for areas of over excavation as determined by the Engineer.

When subgrade preparation is required, Payment for excavation and export of material encountered beyond the Subgrade preparation thickness included in the bid item and shall be made at the contract unit bid price for "**Unclassified Excavate and Export**" 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.

SECTION 303 - CONCRETE AND MASONRY CONSTRUCTION

303-5.1.1

General. To the "WHITEBOOK", ADD the following:

8. All, 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.
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. For curb ramp construction, the gutter shall be formed and slot trench cut per SDG-116 complete along the lip of gutter to allow the gutter to be formed.
11. 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.
12. Any concrete work requiring asphalt repair that is outside of the resurfacing limits shall be repaired as required by Section 301-1.6.
13. Limits of work have been identified in the appendices.
14. Additional locations may be added as directed by the Engineer.
15. 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.
16. Prior to milling or hammering PCC, the edges adjacent to any pavement or hardscape shall be saw cut.
17. Hardscape such as bricks may be removed, set aside, and reinstalled in a manner satisfactory to the Engineer.
18. Damages due to failure to protect existing improvements to adjacent improvements shall be repaired at your expense as directed by the Engineer.
19. Material removed, regardless of removal method, shall be disposed of at a legal site.
20. Coordination for relocation of utilities and appurtenances shall be required as part of the preparatory work as directed by the Engineer.
21. 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.
22. 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 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, construction of the raised median nose and painting the raised median nose yellow shall be made at the contract bid unit price for **"Remove and Reconstruct Raised Median Nose"** per square footage installed. No additional payment will be made for removing and replacing other median types, unless otherwise directed by the Engineer.
5. Payment for the demolition, removal, and replacement of concrete cross gutters shall be made at the Contract Unit Bid Price for **"Cross Gutter"** per square foot of concrete placed.
6. The payment for completely removing and replacing concrete spandrel of a cross gutter associated with curb ramp installations, in accordance with SDG-131-General Curb Ramp Notes, and as identified in the appendices, shall be included in the payment for curb ramps. No additional costs shall be incurred when Separate Bid Items for cross gutters has been provided.
7. The payment for completely removing and replacing the existing concrete alley apron associated with curb ramp installations, in accordance with SDG-131-General Curb Ramp Notes, and as identified in the appendices, shall be included in the payment for the Curb Ramp installation. No additional costs shall be incurred when separate bid items for alley aprons has been provided.
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.
9. 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 subgrade repair for the concrete masonry bid items, shall be included in the Bid Item for **"Unclassified Excavation and Export"** and **"Class 2 aggregate Base."** No Payment shall be made for areas of over excavation as determined by the Engineer.

11. 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.
12. 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.
13. When subgrade preparation is required, Payment for excavation of material encountered beyond the subgrade preparation thickness shall be included in the bid item **"Unclassified Excavation and Export"** as approved by the Engineer. Payment for the subgrade material placed beyond the thickness shall be included in the bid item **"Class 2 aggregate Base."**
14. The payment for Excavation and Export of the unsuitable material for subgrade repair for the concrete masonry bid items shall be paid at the Contract Price for **"Unclassified Excavation and Export"** for each bank cubic yard of material removed as approved by the Engineer. This item includes but is not limited to labor, materials, equipment, hauling, disposing, and all preparatory work associated with the removal and disposal of the unsuitable material.
15. The payment for the subgrade repair material shall be paid at the Contract Unit Price for **"Class 2 aggregate Base"** for each ton of material placed as approved by the Engineer. This item includes but is not limited to labor, material, equipment, hauling, compacting, and all preparatory work associated with the placement of the subgrade material.
16. 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 Unit Bid Price for **"New Pedestrian Push Button Post"**, or **"New Pedestrian Push Button"**, respectively.

303-5.10.1 Installation. To the "WHITEBOOK", ADD the following:

8. Where it is infeasible for a curb ramp run to intersect the street grade at the maximum allowable slope, a slope steeper than 8.33% may be used to limit the ramp run length to 15 ft. The 15-foot measurement excludes landings and shall measure the inside back edge of a sidewalk radius.

303-5.10.2 Payment. To the "WHITEBOOK", item 1, DELETE in their entirety and SUBSTITUTE with the following:

1. The payment for each curb ramp shall include:
 - a. Ramp runs & transition areas (up to 15 ft)
 - b. Landings

- c. DWTs
- d. Demolition and disposal
- e. Forming
- f. Relocating or raising items in conflict to grade
- g. Protecting and preserving existing survey monuments and improvements
- h. Slot Trench Restoration
- i. Gutter Form
- j. Slot cut
- k. Colored Concrete

To the "WHITEBOOK", ADD the following:

- 6. Payment for the demolition, removal, and installation of concrete curb ramps shall be made at the Contract Unit Bid Price of **"Curb Ramp (Type A) With Stainless Steel Detectable Warning Tiles"**, **"Curb Ramp (Type A1) With Stainless Steel Detectable Warning Tiles"**, **"Curb Ramp (Type B) With Stainless Steel Detectable Warning Tiles"**, **"Curb Ramp (Type C1) With Stainless Steel Detectable Warning Tiles"**, **"Curb Ramp (Type C2) With Stainless Steel Detectable Warning Tiles"**, **"Curb Ramp (Type C3) With Stainless Steel Detectable Warning Tiles"** and **"Curb Ramp (Type D) with Stainless Steel Detectable Warning Tiles"**.

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

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 with the following:

- 1. The payment for the removal and replacement of existing traffic striping, pavement markings, curb painting, and pavement markers, thermoplastics, continental crosswalks, pavement devices, and the installation of new striping, pavement markers, thermoplastics, continental crosswalks, pavement devices shall be included in the lump sum Bid item for **"Removal and Replacement of Existing Paint Striping."** This bid item excludes the removal and

replacement of existing and installation of traffic striping modifications for the following locations:

- a) Carmel Mountain Road between Rancho Penasquitos Blvd & Gerana St & between Rancho Carmel Dr & Camino Del Norte
- b) Carmel Mountain Road between Black Mountain Road and Sundevil Way
- c) San Andres between Caminito Badalona and Flower Hill
- d) North Torrey Pines Rd between Torrey Pines Rd and La Jolla Shores Dr
- e) El Camino Real between Del Mar Heights and High Bluff
- f) Del Mar Heights between El Camino Real and Lansdale

- 2. The payment for the removal and replacement of existing traffic striping, pavement markings, curb painting, raised median nose painting, and pavement markers, thermoplastics, continental crosswalks, pavement devices, and the installation of new striping, traffic signal loop and appurtenance (type E, type E modified, type Q and type D), traffic signs including the installation of pole and pole foundation, mounting hardware, the sign, and posts and all work, labor materials associated per the standard detail, pavement devices per drawing 0101384-D shall be included in the lump sum Bid item for **“Removal and Replacement of Existing Paint Striping (Carmel Mountain Road 1)”**
- 3. The payment for the removal and replacement of existing traffic striping, pavement markings, curb painting, raised median nose painting and pavement markers, thermoplastics, continental crosswalks, pavement devices, and the installation of new striping, traffic signal loop and appurtenance (type E, type E modified and type Q), traffic signs signs including the installation of pole and pole foundation, mounting hardware, the sign, and posts and all work, labor materials associated per the standard detail, pavement devices per drawing 0101443-D shall be included in the lump sum Bid item for **“Removal and Replacement of Existing Paint Striping (Carmel Mountain Road 2)”**
- 4. The payment for the removal and replacement of existing traffic striping, pavement markings, curb painting, raised median nose painting and pavement markers, thermoplastics, continental crosswalks, pavement devices, and the installation of new striping, traffic signal loop and appurtenance (type E, type E modified and type Q), traffic signs signs including the installation of pole and pole foundation, mounting hardware, the sign, and posts and all work, labor materials associated per the standard detail, pavement devices per drawing 0101369-D shall be included in the lump sum Bid item for **“Removal and Replacement of Existing Paint Striping (San Andres)”**

5. The payment for the removal and replacement of existing traffic striping, pavement markings, curb painting, raised median nose painting and pavement markers, thermoplastics, continental crosswalks, pavement devices, and the installation of new striping, traffic signal loop and appurtenance (type E, type E modified and type Q), traffic signs signs including the installation of pole and pole foundation, mounting hardware, the sign, and posts and all work, labor materials associated per the standard detail, pavement devices per drawing 0101426-D shall be included in the lump sum Bid item for **“Removal and Replacement of Existing Paint Striping (North Torrey Pines Rd)”**

6. The payment for the removal and replacement of existing traffic striping, pavement markings, curb painting, raised median nose painting and pavement markers, thermoplastics, continental crosswalks, pavement devices, and the installation of new striping, traffic signal loop and appurtenance (type E, type E modified and type Q), traffic signs signs including the installation of pole and pole foundation, mounting hardware, the sign, and posts and all work, labor materials associated per the standard detail, pavement devices per drawing 001399-D shall be included in the lump sum Bid item for **“Removal and Replacement of Existing Paint Striping (El Camino Real)”**

7. The payment for the removal and replacement of existing traffic striping, pavement markings, curb painting, raised median nose painting and pavement markers, thermoplastics, continental crosswalks, pavement devices, and the installation of new striping, traffic signal loop and appurtenance (type E, type E modified and type Q), traffic signs signs including the installation of pole and pole foundation, mounting hardware, the sign, and posts and all work, labor materials associated per the standard detail, pavement devices per drawing 0101446-D shall be included in the lump sum Bid item for **“Removal and Replacement of Existing Paint Striping (Del Mar Heights)”**

SECTION 401 – REMOVAL

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

3. Where holes or depressions resulting from the removal of trees, stumps, shrubs, or palms occur, you shall supply standard clean top soil to backfill and firmly compact the holes or depressions to finish grade and shall make a smooth transition to the adjacent ground or pavement level as applicable. The cavities shall be backfilled the same day following the removal, unless otherwise directed by the Engineer. The topsoil shall be Class A.

401-7 Payment. To the "WHITEBOOK", items 4 and 5 , 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, disposal of tree roots shall be included under the lump sum bid items or for the Contract Unit Price for which the tree root removal and disposal is required as directed by the Engineer.

SECTION 402 - UTILITIES

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

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

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

403-5 MEASUREMENT AND PAYMENT. To the "WHITEBOOK", ADD the following:

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

SECTION 404 – COLD MILLING

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

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

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

The depth to be cold milled is specified **Appendix J - Estimated Asphalt Construction Quantities**, unless otherwise instructed by the Engineer, and shall correspond to the depth of the asphalt to be paved. Limits of work have been identified in the appendices. Cold milled locations shall be paved within 3 days unless directed by the Engineer.

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

To the "WHITEBOOK", ADD the following:

8. The Cold Milling shall be in accordance to SDG-106 Sheet 1 Cold Milling & Asphalt Concrete Overlay – Type A (6' Edge Cold Mill) or SDG-106 Sheet 2 Cold Milling & Asphalt Concrete Overlay – Type B (Full Width Cold Mill) as specified in the Contract Documents and as specified by the Engineer.
9. The Cold Milling type has been specified on **Appendix J - Estimated Asphalt Construction Quantities**, and as specified in the contract documents, unless otherwise instructed by the engineer.
10. 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.
11. 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.
12. 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, 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 Signal Loop and Appurtenance (Type E and Type E Modified)**" and "**Traffic Signal Loop and Appurtenance (Type Q)**" for each loop installed or each conduit and stub out. No additional payment shall be made for loop, detector type.

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

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

3. The payment for cold milling asphalt concrete, including hauling and disposal of milled material, milling of roots, tree trimming, grinding, saw cutting

concrete, saw cutting asphalt concrete, shall be included in the Contract Price unless Bid items, as applicable, have been provided as follows:

BID DESCRIPTION	UNIT
Cold Mill Type B Full Width AC Pavement (2 Inch)	SF
Cold Mill Type B Full Width AC Pavement (3 Inch)	SF
Cold Mill Type A 6 FT Edge AC Pavement (2 Inch)	SF
Cold Mill Type A 6 FT Edge AC Pavement (3 Inch)	SF

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.

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) Del Mar Heights Road
 - b) El Camino Real
 - c) North Torrey Pines Road
 - d) San Andres Drive

SECTION 701 - CONSTRUCTION

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

- u) Payment for installation of New Pedestrian Push Button will be paid at the Contract Unit Bid Price for **“New Pedestrian Push Button”**.

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

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

- v) Payment for Pedestrian Push button post will be paid at the Contract Unit Bid Price for "**New Pedestrian Push Button Post**". You shall be responsible for the placement of the new or relocated Push button post in compliance with the governing standards.

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.

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

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

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

- 1. Landscaping and irrigation Work shall be measured as specified in the Contract Documents and as shown in the Bid.
- 2. Tree Root Barrier installation and Crown Reduction shall be measured by the tree trimming, root pruning, and root barrier performed and installed for each tree in association with root barrier installations 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 Tree Root Pruning, Crown Reduction, and Root Barrier installation works associated with root barrier installations shall be included in the Contract Unit Price for "**Root Pruning and Crown Reduction**" and "**Root Barrier**" for each tree.

2. Payment for the Tree Root Pruning and Crown Reduction, including the certified arborist evaluation, excavation, weed removal, preparation, root pruning, backfilling, topsoil, and other specified in the Contract Document such as in section 801-7 shall be included under "**Root Pruning and Crown Reduction**" Bid Item for each.

SECTION 1001 – CONSTRUCTION BEST MANAGEMENT PRACTICES (BMPs)

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

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

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

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

1001-4.2 Payment. To the "WHITEBOOK", Item 3, sub-item (h), DELETE in its entirety and SUBSTITUTE the following:

- h) The payment for installing each inlet marker shall be included in the Bid Item for "**Inlet Marker**" and shall include all labor, materials, and other necessary work required in order to replace or install the inlet marker.

TECHNICALS

ARAMID FIBER REINFORCEMENT FOR HMA

Description.

Furnish all materials, equipment, labor, and incidentals for mixing aramid fiber into HMA per this specification. Aramid fibers must be treated to prevent them from becoming airborne during the mixing process, and the treatment must become soluble in the asphalt binder. Treated aramid fiber shall be continuously fed and mixed into HMA per dosage and mixing requirements of this specification. A certified QA/QC mixing technician shall perform continuous feeding of the treated aramid fibers into the asphalt during plant mixing operations for all of the Fiber Reinforced HMA quantities required for the project, and a P.E. stamped certification report must be submitted upon project completion.

Definitions.

- a. "HMA" is hot mix asphalt, without aramid fiber.
- b. "Fiber Reinforced HMA" is hot mix asphalt including aramid fibers.
- c. "Aramid fiber" is pure aramid fiber meeting the material properties of this specification, without additive materials.
- d. "Treatment" is the binder material used to facilitate the proper amount of the aramid fiber into the HMA so that the aramid fiber does not become airborne.
- e. "Dosage rate" is the minimum weight of treated aramid per ton of asphalt that is to be continuously fed into HMA.
- f. "Continuous feeding" is metering and delivering in a constant stream-like manner the dosage rate of treated aramid into the HMA during the asphalt mixing process at the plant.
- g. "Manufacturer" is the company that produces the aramid fiber from raw materials.
- h. "Supplier" is the company that offers an aramid product.

Materials.

Meet the following Aramid and Treatment material properties.

<u>Aramid Properties</u>	<u>Measure</u>
Material	Para-Aramid Fiber (50-52% by weight), fiber ratio subject to approval by Engineer.
Form	Filament Yarn
Tensile Strength	> 2.758 (GPa)
Elongation at Break	< 4.4 (%)
Modulus	> 95 (GPa)
Specific Gravity	1.44-1.45 (g/cm ³)
Decomposition Temperature	> 800 (°F)

<u>Treatment Properties</u>	<u>Measure</u>
Treatment Type	Sasobit® Wax (48-50% by weight), or approved equal. Treatment and Treatment to Fiber ratio subject to approval by Engineer.
Treatment Melting Temperature	> 175 (°F), treatment subject to approval by Engineer.

<u>Short Cut Aramid Fiber Bundles</u>	<u>Measure</u>
Length	1.5 +/-0.05 (inch)
Appearance/Handling	Free Flowing Coated Fiber Bundles (visual)

Submittals.

Provide the following from the product supplier at least two weeks prior to asphalt production.

1. Identify the mixing plant and type (Batch or Continuous Drum).
2. Material data sheet for the treated aramid fiber describing aramid fiber and treatment properties, including the type, weight, and flash point of treatment material.
3. A certified QA/QC mixing plan including procedures for continuously feeding the aramid fiber into the asphalt. The fiber supplier must approve the QA/QC mixing plan and provide certification of the QA/QC mixing technician at the asphalt mixing plant who is responsible for continuous feeding of the fiber into the HMA. The continuous feeding can be accomplished by using either manual machine or automated machine equipment for the entire fiber mixing process.

Job Mix Formula.

When treated aramid fiber is required as a mixture ingredient, modification to the job mix formula is not required.

Storage Requirements.

Store treated aramid product in a dry environment and do not allow it to be in contact with moisture.

Dosage & Mixing Requirements.

The aramid dosage rate is 2.1 ounces (+/- 5%) per ton of HMA. This does not include the treatment weight. For uniform disbursement, treated aramid shall be metered and continuously fed in a constant stream-like manner. It shall be mixed with the heated aggregates before injection of the liquid asphalt during the asphalt mixing process at the Batch or Continuous Drum Plant per below.

1. Batch Plant

Feed treated aramid with automated dosing machine operated by a certified QA/QC mixing technician, directly into the weigh hopper. HMA batch dry mix times will need to be 20 seconds minimum to ensure proper aramid distribution. Metering shall be based on batch size (tons) and dosage rate (oz/ton). Feeding shall occur in a constant stream-like manner as the heated aggregate is added to the weigh hopper. If necessary, increase the mixing time with heated aggregates to ensure the aramid fibers are uniformly distributed.

2. Continuous Drum Plant

Feed treated aramid with automated dosing machine operated by a certified QA/QC mixing technician directly into the mixing drum through the RAP Collar. Standard project HMA asphalt production rates apply. Metering shall be calibrated by the automated dosing machine based on the asphalt production rate (tons/hr), and the dosage rate (oz/ton). Feeding shall occur in a constant stream-like manner through the RAP Collar.

Inspection.

Visual inspection shall be performed during the mixing process to verify uniform distribution of aramid fiber.

Fiber Reinforced HMA Placement.

All construction, mixture and density requirements of the asphalt as detailed in the Standard Specifications shall apply.

Acceptance.

Acceptance of the reinforced HMA will include the following factors:

1. The owner/specifier shall receive from the contractor a Professional Engineer stamped QA/QC report which certifies that the metering and continuous feeding was performed per the Dosage rate and all other requirements of this specification by a certified technician, and that visual inspection was performed during the mixing process to certify that no clumping of aramid fiber or treatment product occurred.
2. All other construction, mixture and density requirements of the asphalt as detailed in the Standard Specifications shall apply.

MEASUREMENT AND PAYMENT

The contract unit price for "Asphalt Concrete with Aramid Fiber" shall include full compensation for furnishing all material, labor, tools, equipment, QA/QC mixing and reporting, and incidentals for doing all the work involved in metering and feeding the treated aramid fiber, and placement and compaction of the Fiber Reinforced HMA.

SUPPLEMENTARY SPECIAL PROVISIONS
APPENDICES

APPENDIX A
NOTICE OF EXEMPTION

NOTICE OF EXEMPTION

(Check one or both)

TO: X Recorder/County Clerk
P.O. Box 1750, MS A-33
1600 Pacific Hwy, Room 260
San Diego, CA 92101-2400

FROM: City of San Diego
Engineering & Capital Projects Department
525 B Street, Suite 750, MS 908A
San Diego, CA 92101

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

Project Name: AC Overlay Group 2402

Project No. / WBS No.: B-24012.02.06

Project Location-Specific: The project is located within the City right of way along portions of the following streets: San Andres Drive between Via Campestre and Flower Hill Drive; El Camino Real between Del Mar Height Road and High Bluff Drive; High Bluff Drive between Del Mar Heights Road and El Camino Real; Del Mar Heights Road between El Camino Real and Lansdale Drive; El Camino Real between Derby Downs Road and Del Mar Heights Road; Carmel Mountain Road between Black Mountain Road and Sundevil Way; Twin Trails Drive between Paseo Montalban and Black Mountain Road; Carmel Mountain Road between Rancho Peñasquitos Boulevard and Gerana Street; North Torrey Pines Road between Torrey Pines Road and La Jolla Shores Drive; La Jolla Shores Drive between Horizon Way and La Jolla Shores Lane; and Fay Avenue between Kline Street and Pearl Street.

The project is located within the La Jolla, University, Carmel Valley, and Rancho Peñasquitos Community Planning Areas (Council Districts 1 and 5).

Project Location-City/County: San Diego/San Diego

Description of nature and purpose of the Project: The project will overlay approximately 10.9 miles of existing roadways with asphalt concrete (AC) pavement and make roadway subgrade repairs where needed. The project will replace curb ramps, 520 linear feet of sidewalk, adjoining curbs, and gutters with the Americans with Disabilities Act (ADA)-compliance sidewalks and restripe roadways.

A portion of the project occurs adjacent to the City’s Multi-Habitat Planning Area (MHPA) and will be required to comply with the MHPA Land Use Adjacency Guidelines as specified in Section 1.4.3 of the Multiple Species Conservation Program’s (MSCP) Subarea Plan.

Name of Public Agency Approving Project: City of San Diego

Name of Person or Agency Carrying Out Project: City of San Diego
Engineering and Capital Projects Department
Contact: Eriberto J. Valdez Jr. / Senior Planner
Email/Phone No.: EJValdez@saniego.gov / 619-533-5191
525 B Street, Suite 750 (MS 908A), San Diego, CA 92101

Exempt Status:

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269 (b)(c))
- Categorical Exemption: Sections 15301 (Existing Facilities) and 15302 (Replacement and Reconstruction)
- Statutory Exemptions:

Reasons why project is exempt: The City of San Diego conducted an environmental review which determined that the project meets the categorical exemption criteria set forth in CEQA State Guidelines, Sections 15301 (Existing Facilities), which allows for the repair and maintenance of existing streets, sidewalks, and curbs and gutters; and 15302 (Replacement and Construction) which allows for the replacement or reconstruction of existing street surfaces, curb ramps, sidewalks and curbs and gutters; and where the exceptions listed in Section 15300.2 would not apply.

Lead Agency Contact Person: Eriberto J. Valdez Jr.

Telephone: (619) 533-5191

If filed by applicant:

1. Attach certified document of exemption finding.
2. Has a notice of exemption been filed by the public agency approving the project? () Yes () No

It is hereby certified that the City of San Diego has determined the above activity to be exempt from CEQA.

Carrie Purcell

Carrie Purcell, Deputy Director

February 29, 2024

Date

Check One:

- (X) Signed By Lead Agency
() Signed by Applicant

Date Received for Filing with County Clerk or OPR:

APPENDIX B
FIRE HYDRANT METER PROGRAM

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

1. **PURPOSE**

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

2. **AUTHORITY**

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

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

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

2.4 California Code of Regulations, Titles 17 and 22

2.5 California State Penal Code, Section 498B.0

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

2.7 Water Department Director

Reference

2.8 State of California Guidance Manual for Cross Connection Programs

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

2.10 American Water Works Association Standards for Water Meters

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

3. **DEFINITIONS**

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

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

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

4. **POLICY**

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

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

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

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

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

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

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

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

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

4.7 Relocation of Existing Fire Hydrant Meters

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

4.8 Disconnection of Fire Hydrant Meter

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

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

for removal of the meter.

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

5. **EXCEPTIONS**

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

6. **MOBILE METER**

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

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

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

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

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

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

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

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

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

7. **FEE AND DEPOSIT SCHEDULES**

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

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

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

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

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

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

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

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

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

Water Department Director

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

APPENDIX

Administering Division: Customer Support Division

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

Distribution: DI Manual Holders



Application for Fire Hydrant Meter (EXHIBIT A)

(For Office Use Only)

NS REQ	FAC#
DATE	BY

METER SHOP (619) 527-7449

Meter Information

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

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

Company Information

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

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

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

WATER USES WITHOUT ANTICIPATED CHARGES FOR RETURN TO SEWER

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

Note:

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

Date

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

Subject: Discontinuation of Fire Hydrant Meter Service

Dear Water Department Customer:

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

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

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

Sincerely,

Water Department

APPENDIX C

MATERIALS TYPICALLY ACCEPTED BY CERTIFICATE OF COMPLIANCE

MATERIALS TYPICALLY ACCEPTED BY CERTIFICATE OF COMPLIANCE

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

APPENDIX D
SAMPLE CITY INVOICE

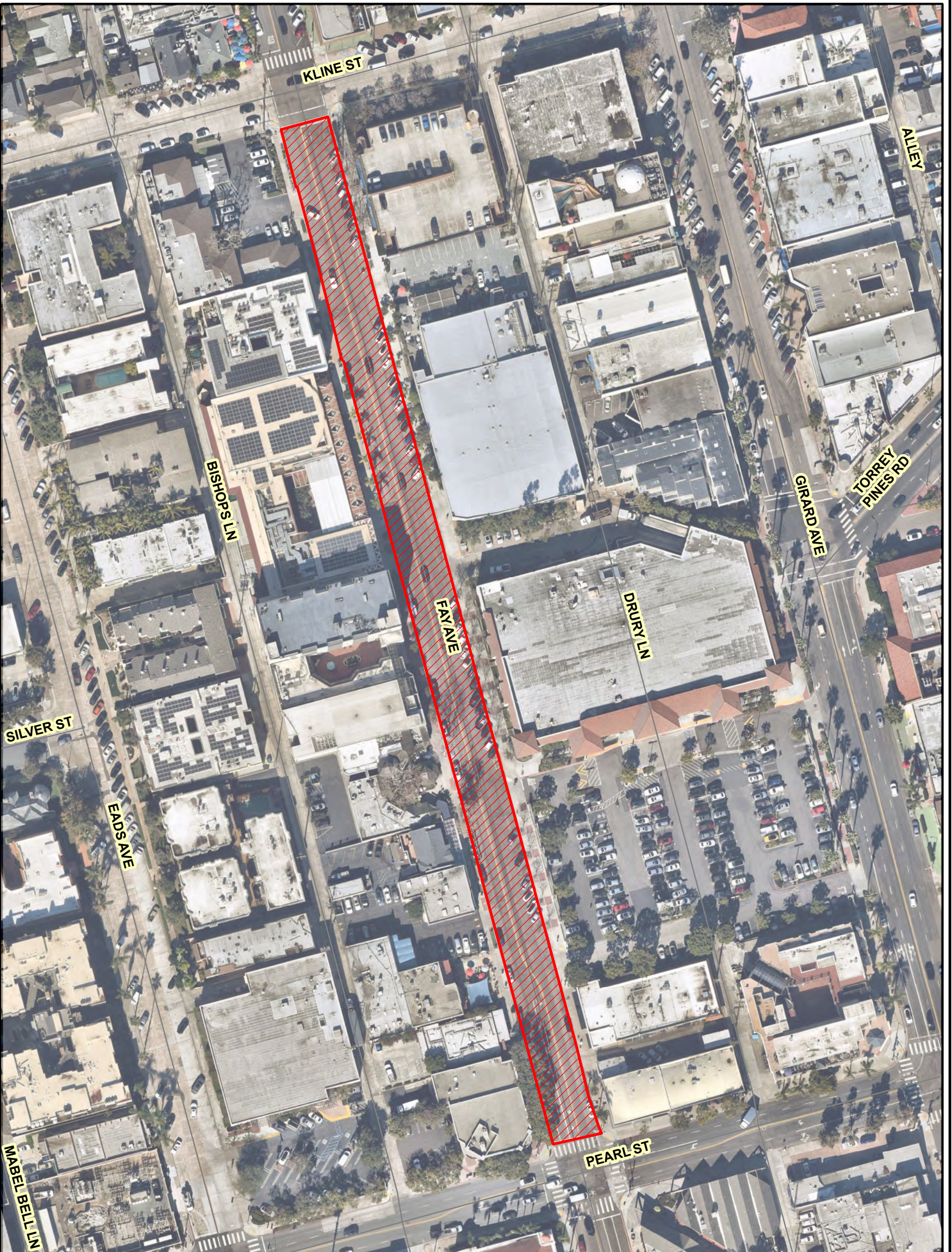
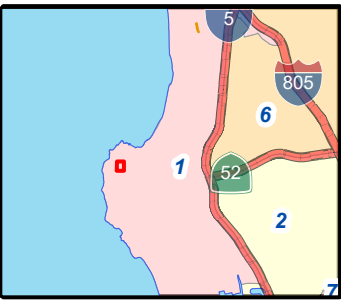
APPENDIX E
RESURFACING LIMITS MAP BOOKS

SENIOR ENGINEER
JANICE JARO
619-533-3851


PROJECT MANAGER
CHUN YU CHAN
619-533-7416

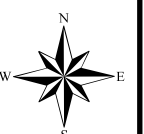
PROJECT ENGINEER
CARLOS NOVOA
619-533-6647

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



Legend

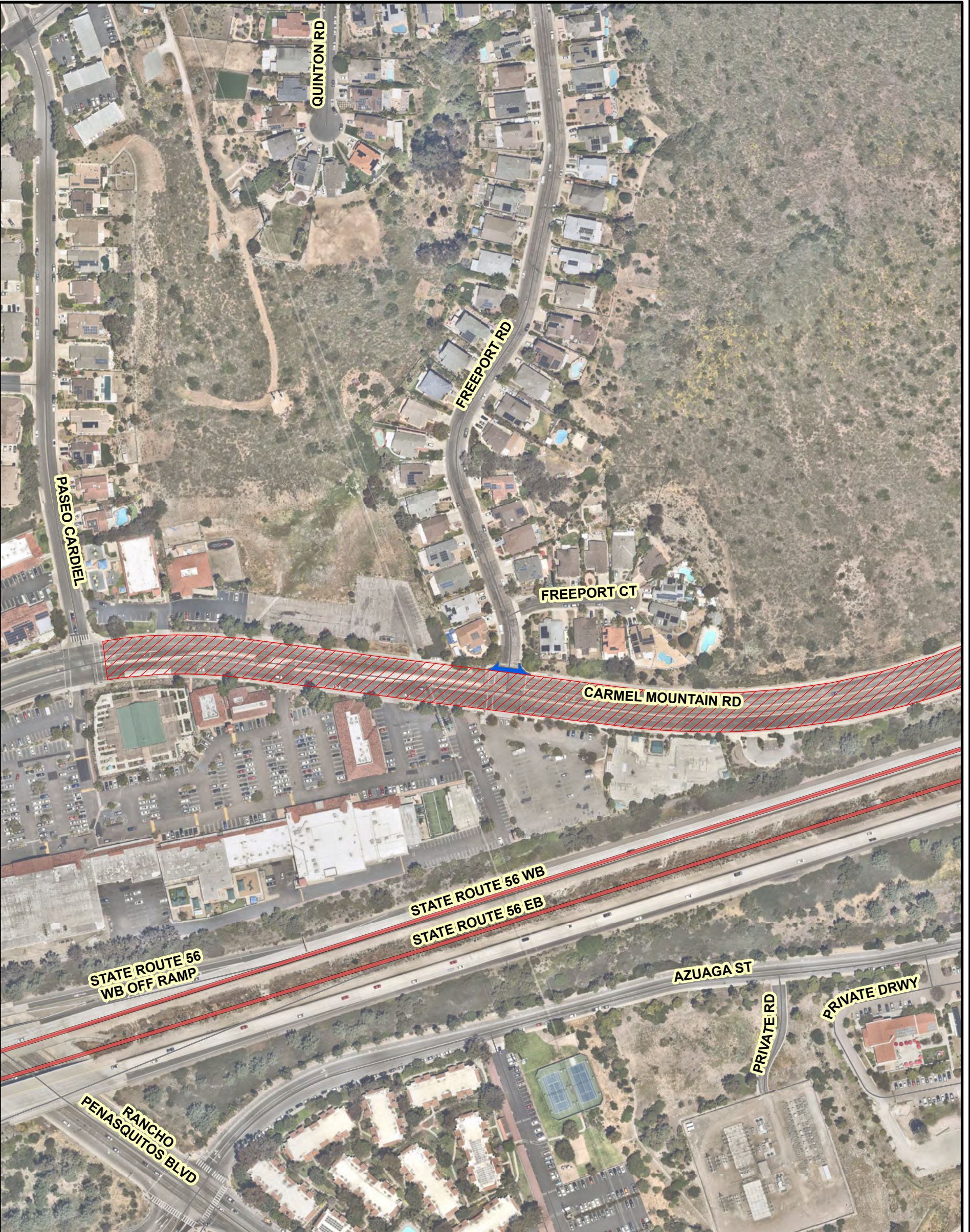
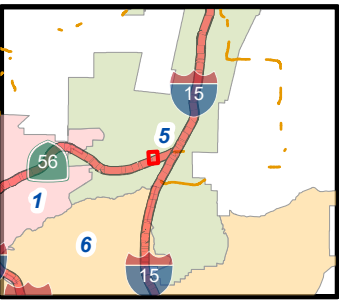
 AC2402 Paving Limits



THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY © to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY ©. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.

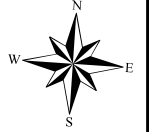
**AC OVERLAY GROUP 2402
MAP BOOK 2-1**

SENIOR ENGINEER JANICE JARO 619-533-3851	PROJECT MANAGER CHUN YU CHAN 619-533-7416	PROJECT ENGINEER CARLOS NOVOA 619-533-6647	FOR QUESTIONS ABOUT THIS PROJECT Call: (619) 533-4207 Email: engineering@san Diego.gov
--	---	--	---



Legend

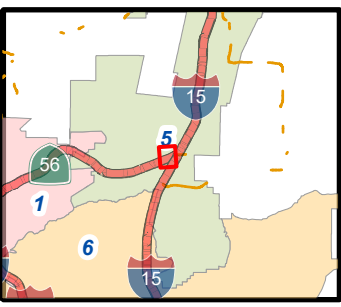
- AC2402 Paving Limits
- Proposed Cross Gutter Replacement



THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND MCNALLY & COMPANY © to SanGIS. This map is copyrighted by RAND MCNALLY & COMPANY ©. It is unlawful to copy or reproduce all or any part thereof, without the prior, written permission of RAND MCNALLY & COMPANY.

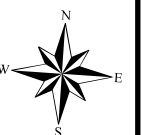
Engineering & Capital Projects
AC OVERLAY GROUP 2402
MAP BOOK 2-2

SENIOR ENGINEER JANICE JARO 619-533-3851	PROJECT MANAGER CHUN YU CHAN 619-533-7416	PROJECT ENGINEER CARLOS NOVOA 619-533-6647	FOR QUESTIONS ABOUT THIS PROJECT Call: (619) 533-4207 Email: engineering@san Diego.gov
--	---	--	---



Legend

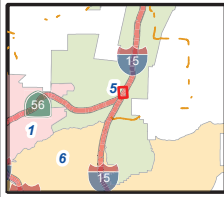
 AC2402 Paving Limits



THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY © to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY ©. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.

AC OVERLAY GROUP 2402
MAP BOOK 2-3

SENIOR ENGINEER JANICE JARO 619-533-3851	PROJECT MANAGER CHUN YU CHAN 619-533-7416	PROJECT ENGINEER CARLOS NOVOA 619-533-6647	FOR QUESTIONS ABOUT THIS PROJECT Call: (619) 533-4207 Email: engineering@sandiego.gov
--	---	--	---



- Legend**
- AC2402 Paving Limits
 - Proposed Cross Gutter Replacement

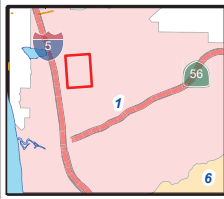


THIS MAP/REPORT IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY OF SAN DIEGO. THIS PRODUCT MAY CONTAIN INFORMATION REPRODUCED WITH PERMISSION GRANTED BY RAND MCNALLY & COMPANY TO SANDIS. THIS MAP IS COPYRIGHTED BY RAND MCNALLY & COMPANY. IT IS UNLAWFUL TO COPY OR REPRODUCE ALL OR ANY PART THEREOF, WITHOUT THE PRIOR WRITTEN PERMISSION OF RAND MCNALLY & COMPANY.

SEE MAP BOOK 2-2

Engineering & Capital Projects
AC OVERLAY GROUP 2402
MAP BOOK 3-1

SENIOR ENGINEER: JANICE JARO (619-533-3851)
 PROJECT MANAGER: CHUN YU CHAN (619-533-7416)
 PROJECT ENGINEER: CARLOS NOVOA (619-533-6647)
 FOR QUESTIONS ABOUT THIS PROJECT: Call: (619) 533-4207, Email: engineering@sandiego.gov



Legend
 AC2402 Paving Limits

SEE MAP BOOK 3-2

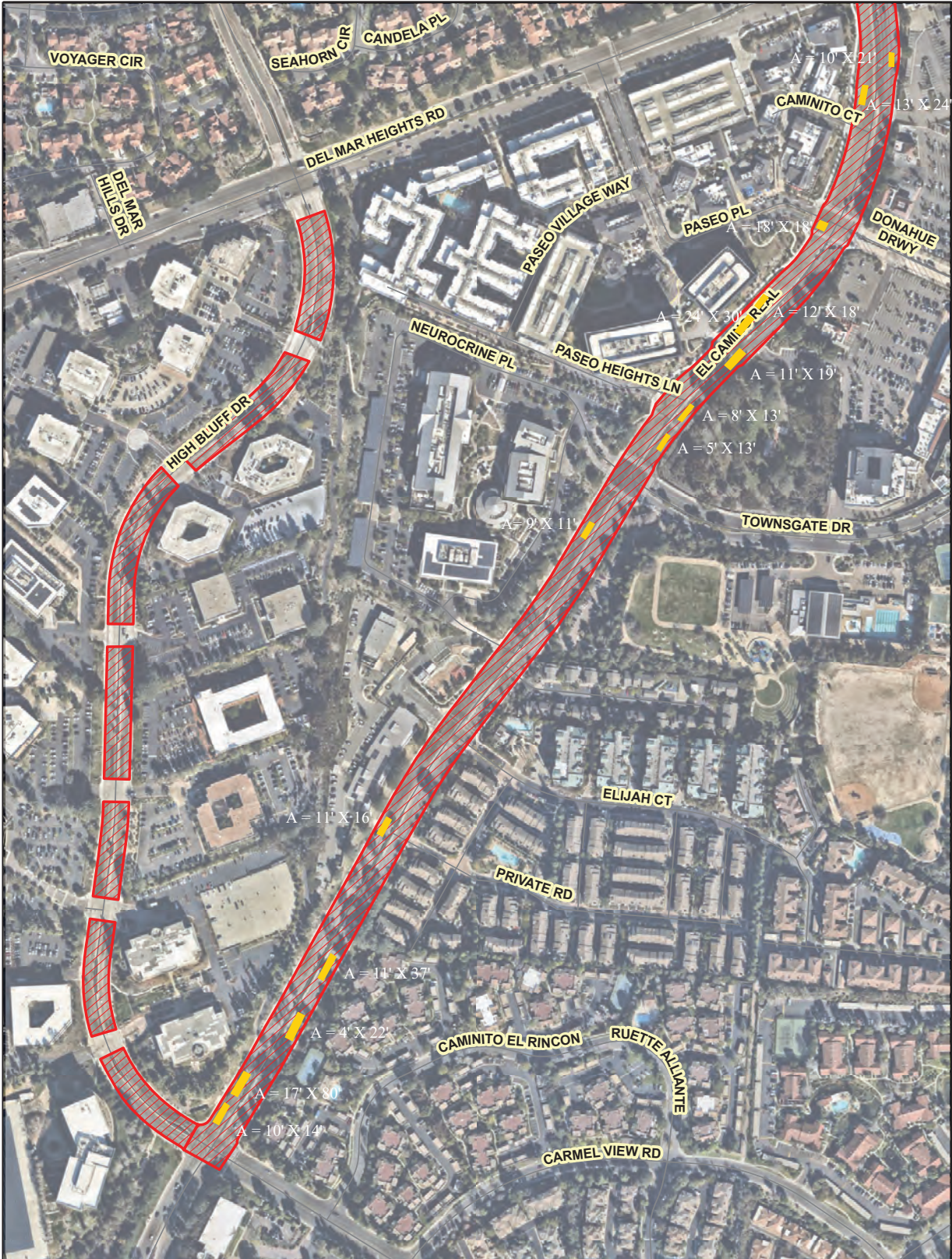
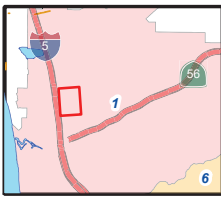


SEE MAP BOOK 3-3

THIS MAP/PLAN IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. It is understood that the user of this map/plan is responsible for obtaining all necessary permits and approvals from the appropriate authorities. This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY® to SANDAG. This map is copyrighted by RAND McNALLY & COMPANY. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.

SENIOR ENGINEER JANICE JARO 619-533-3851	PROJECT MANAGER CHUN YU CHAN 619-533-7416	PROJECT ENGINEER CARLOS NOVOA 619-533-6647	FOR QUESTIONS ABOUT THIS PROJECT Call: (619) 533-4207 Email: engineering@sandiego.gov
--	---	--	---

SEE MAP BOOK 3-1

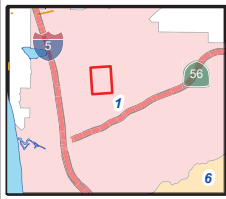


Legend
 AC2402 Paving Limits



THIS MAP/PLAN IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE USER ASSUMES ALL LIABILITY FOR ANY DAMAGE, INCLUDING REPUTATIONAL DAMAGE, ARISING FROM THE USE OF THIS MAP/PLAN. THIS PRODUCT MAY CONTAIN INFORMATION REPRODUCED WITH PERMISSION FROM RAND MCNALLY & COMPANY® IN SAN DIEGO. THIS MAP IS COPYRIGHTED BY RAND MCNALLY & COMPANY®. IT IS UNLAWFUL TO COPY OR REPRODUCE ALL OR ANY PART THEREOF, WHETHER FOR PERSONAL USE OR RESALE, WITHOUT THE PRIOR WRITTEN PERMISSION OF RAND MCNALLY & COMPANY.

SENIOR ENGINEER JANICE JARO 619-533-3851	PROJECT MANAGER CHUN YU CHAN 619-533-7416	PROJECT ENGINEER CARLOS NOVOA 619-533-6647	FOR QUESTIONS ABOUT THIS PROJECT Call: (619) 533-4207 Email: engineering@sandiego.gov
--	---	--	---



Legend

- AC2402 Paving Limits
- Proposed Cross Gutter Replacement



THIS MAP/PLAN IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY OF THE INFORMATION CONTAINED HEREIN. THE USER ASSUMES ALL LIABILITY FOR ANY DAMAGE, LOSS, OR INJURY, INCLUDING REASONABLE ATTORNEY'S FEES, ARISING FROM THE USE OF THIS MAP/PLAN. THE USER'S USE OF THIS MAP/PLAN IS AT HIS OR HER OWN RISK. THIS PRODUCT MAY CONTAIN INFORMATION REPRODUCED WITH PERMISSION GRANTED BY RANDI MCNALLY & COMPANY® TO SANDIAG. THIS MAP IS COPYRIGHTED BY RANDI MCNALLY & COMPANY®. IT IS UNLAWFUL TO COPY OR REPRODUCE ALL OR ANY PART THEREOF, WHETHER FOR PERSONAL USE OR RESALE, WITHOUT THE PRIOR, WRITTEN PERMISSION OF RANDI MCNALLY & COMPANY.

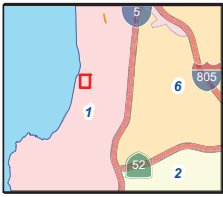
SEE MAP BOOK 3-1

SENIOR ENGINEER
JANICE JARO
619-533-3851

PROJECT MANAGER
CHUN YU CHAN
619-533-7416

PROJECT ENGINEER
CARLOS NOVOA
619-533-6647

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



Legend

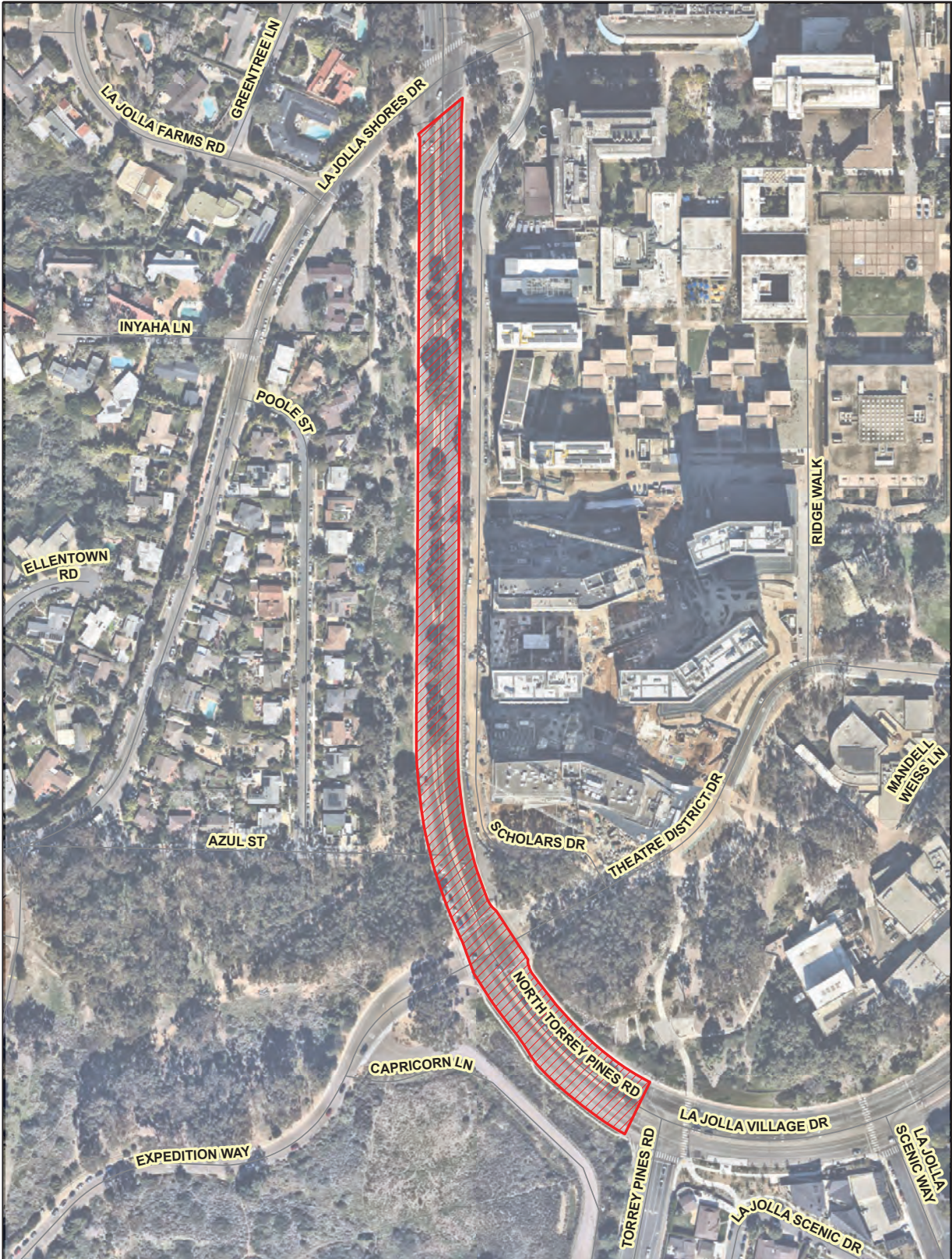
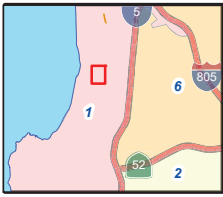
- AC2402 Paving Limits
- Proposed Cross Gutter Replacement



THIS MAP/DRAWING IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY OF THE INFORMATION CONTAINED HEREIN. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THIS PRODUCT MAY CONTAIN INFORMATION REPRODUCED WITH PERMISSION GRANTED BY RANDI MCNALLY & COMPANY TO SANDAG. THIS MAP IS COPYRIGHTED BY RANDI MCNALLY & COMPANY. IT IS UNLAWFUL TO COPY OR REPRODUCE ALL OR ANY PART THEREOF, WHETHER FOR PERSONAL USE OR RESALE, WITHOUT THE PRIOR WRITTEN PERMISSION OF RANDI MCNALLY & COMPANY.

**AC OVERLAY GROUP 2402
MAP BOOK 5**

SENIOR ENGINEER JANICE JARO 619-533-3851	PROJECT MANAGER CHUN YU CHAN 619-533-7416	PROJECT ENGINEER CARLOS NOVOA 619-533-6647	FOR QUESTIONS ABOUT THIS PROJECT Call: (619) 533-4207 Email: engineering@sanidiego.gov
--	---	--	---

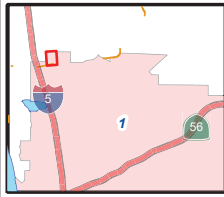


Legend
 AC2402 Paving Limits



THIS MAP/DRAWING IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY OF SANIDIEGO. THIS PRODUCT MAY CONTAIN INFORMATION REPRODUCED WITH PERMISSION GRANTED BY RANDI MCNALLY & COMPANY, INC. TO SANIDIEGO. THIS MAP IS COPYRIGHTED BY RANDI MCNALLY & COMPANY, INC. IT IS UNLAWFUL TO COPY OR REPRODUCE ALL OR ANY PART THEREOF, WHETHER FOR PERSONAL USE OR RESALE, WITHOUT THE PRIOR WRITTEN PERMISSION OF RANDI MCNALLY & COMPANY.

SENIOR ENGINEER JANICE JARO 619-533-3851	PROJECT MANAGER CHUN YU CHAN 619-533-7416	PROJECT ENGINEER CARLOS NOVOA 619-533-6647	FOR QUESTIONS ABOUT THIS PROJECT Call: (619) 533-4207 Email: engineering@sanidiego.gov
--	---	--	---



Legend
 AC2402 Paving Limits



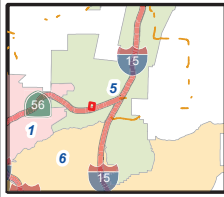
THIS MAP/DRAWING IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY OF THE MATERIALS AND INFORMATION CONTAINED HEREIN. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

SENIOR ENGINEER
JANICE JARO
619-533-3851

PROJECT MANAGER
CHUN YU CHAN
619-533-7416

PROJECT ENGINEER
CARLOS NOVOA
619-533-6647

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



Legend

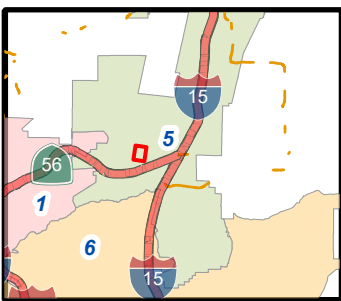
- AC2402 Paving Limits
- Proposed Cross Gutter Replacement



THIS MAP/REPORT IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY OF THE INFORMATION CONTAINED HEREIN. THE USER ASSUMES ALL LIABILITY FOR ANY DAMAGE, INCLUDING REPUTATIONAL DAMAGE, ARISING FROM THE USE OF THIS MAP/REPORT. THIS PRODUCT MAY CONTAIN INFORMATION REPRODUCED WITH PERMISSION GRANTED BY RAND MCNALLY & COMPANY TO SANDIEGO. THIS MAP IS COPYRIGHTED BY RAND MCNALLY & COMPANY. IT IS UNLAWFUL TO COPY OR REPRODUCE ALL OR ANY PART THEREOF, WHETHER FOR PERSONAL USE OR RESALE, WITHOUT THE PRIOR WRITTEN PERMISSION OF RAND MCNALLY & COMPANY.

**AC OVERLAY GROUP 2402
MAP BOOK 8**

SENIOR ENGINEER JANICE JARO 619-533-3851	PROJECT MANAGER CHUN YU CHAN 619-533-7416	PROJECT ENGINEER CARLOS NOVOA 619-533-6647	FOR QUESTIONS ABOUT THIS PROJECT Call: (619) 533-4207 Email: engineering@san Diego.gov
--	---	--	---



Legend

AC2402 Paving Limits Proposed Cross Gutter Replacement



THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY © to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY ©. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.

APPENDIX F
ADJACENT PROJECTS MAPS



Engineering & Capital Projects

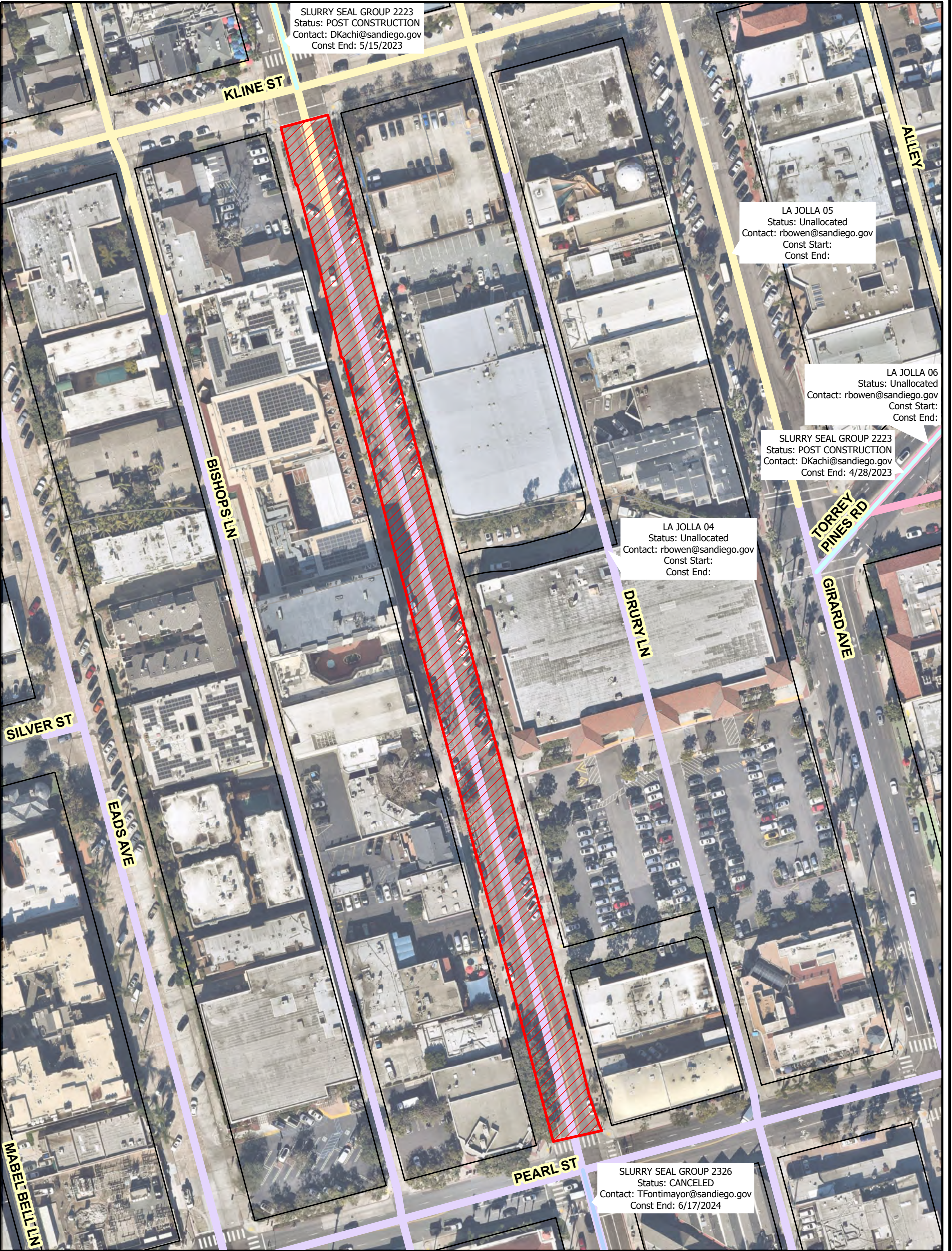
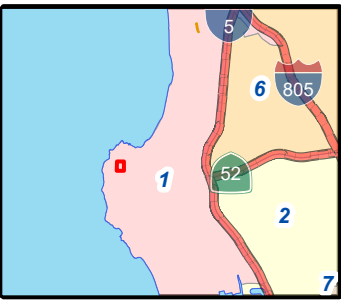
AC OVERLAY GROUP 2402

SENIOR ENGINEER
JANICE JARO
619-533-3851

PROJECT MANAGER
CHUN YU CHAN
619-533-7416

PROJECT ENGINEER
CARLOS NOVOA
619-533-6647

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



SLURRY SEAL GROUP 2223
Status: POST CONSTRUCTION
Contact: DKachi@sandiego.gov
Const End: 5/15/2023

LA JOLLA 05
Status: Unallocated
Contact: rbowen@sandiego.gov
Const Start:
Const End:

LA JOLLA 06
Status: Unallocated
Contact: rbowen@sandiego.gov
Const Start:
Const End:

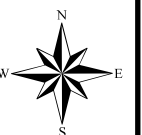
SLURRY SEAL GROUP 2223
Status: POST CONSTRUCTION
Contact: DKachi@sandiego.gov
Const End: 4/28/2023

LA JOLLA 04
Status: Unallocated
Contact: rbowen@sandiego.gov
Const Start:
Const End:

SLURRY SEAL GROUP 2326
Status: CANCELED
Contact: TFontimayor@sandiego.gov
Const End: 6/17/2024

Legend

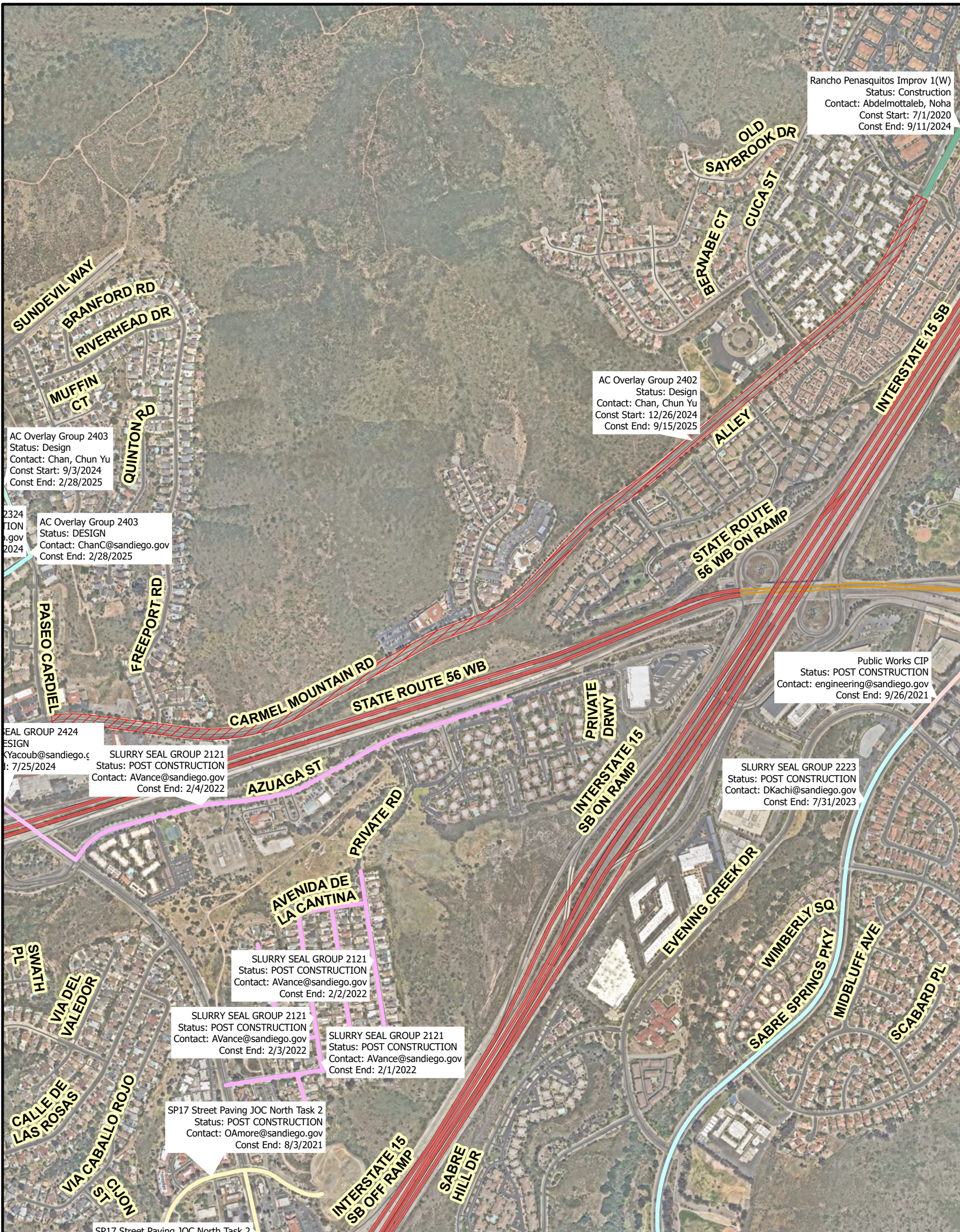
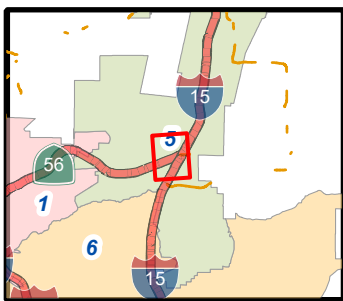
- AC2402_Paving_Limits
 - S2326,SLURRY SEAL GROUP 2326
 - JOLA-05,LA JOLLA 05
 - S2223,SLURRY SEAL GROUP 2223
 - JOLA-06,LA JOLLA 06
 - JOLA-04,LA JOLLA 04
- PROJECT_ID,TITLE Project ID,Project Name



THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.

AC OVERLAY GROUP 2402

SENIOR ENGINEER JANICE JARO 619-533-3851	PROJECT MANAGER CHUN YU CHAN 619-533-7416	PROJECT ENGINEER CARLOS NOVOA 619-533-6647	FOR QUESTIONS ABOUT THIS PROJECT Call: (619) 533-4207 Email: engineering@sanidiego.gov
--	---	--	---



Rancho Penasquitos Improv 1(W)
Status: Construction
Contact: Abdelmottaleb, Noha
Const Start: 7/1/2020
Const End: 9/11/2024

AC Overlay Group 2402
Status: Design
Contact: Chan, Chun Yu
Const Start: 12/26/2024
Const End: 9/15/2025

AC Overlay Group 2403
Status: Design
Contact: Chan, Chun Yu
Const Start: 9/3/2024
Const End: 2/28/2025

AC Overlay Group 2403
Status: DESIGN
Contact: ChanC@sanidiego.gov
Const End: 2/28/2025

Public Works CIP
Status: POST CONSTRUCTION
Contact: engineering@sanidiego.gov
Const End: 9/26/2021

SLURRY SEAL GROUP 2223
Status: POST CONSTRUCTION
Contact: DKachi@sanidiego.gov
Const End: 7/31/2023

SLURRY SEAL GROUP 2121
Status: POST CONSTRUCTION
Contact: AVance@sanidiego.gov
Const End: 2/4/2022

SLURRY SEAL GROUP 2121
Status: POST CONSTRUCTION
Contact: AVance@sanidiego.gov
Const End: 2/2/2022

SLURRY SEAL GROUP 2121
Status: POST CONSTRUCTION
Contact: AVance@sanidiego.gov
Const End: 2/3/2022

SLURRY SEAL GROUP 2121
Status: POST CONSTRUCTION
Contact: AVance@sanidiego.gov
Const End: 2/1/2022

SP17 Street Paving JOC North Task 2
Status: POST CONSTRUCTION
Contact: OAmore@sanidiego.gov
Const End: 8/3/2021

Legend

- | | | |
|------------------------------|---|---------------------------------------|
| AC2402 Paving Limits | S2324,SLURRY SEAL GROUP 2324 | CIP Projects |
| AC2403,AC Overlay Group 2403 | S2424,SLURRY SEAL GROUP 2424 | B19093,Rancho Penasquitos Improv 1(W) |
| S2121,SLURRY SEAL GROUP 2121 | SP17N02,SP17 Street Paving JOC North Task 2 | B24013,AC Overlay Group 2403 |
| S2223,SLURRY SEAL GROUP 2223 | UTLY,Public Works CIP | |

THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.



Engineering & Capital Projects

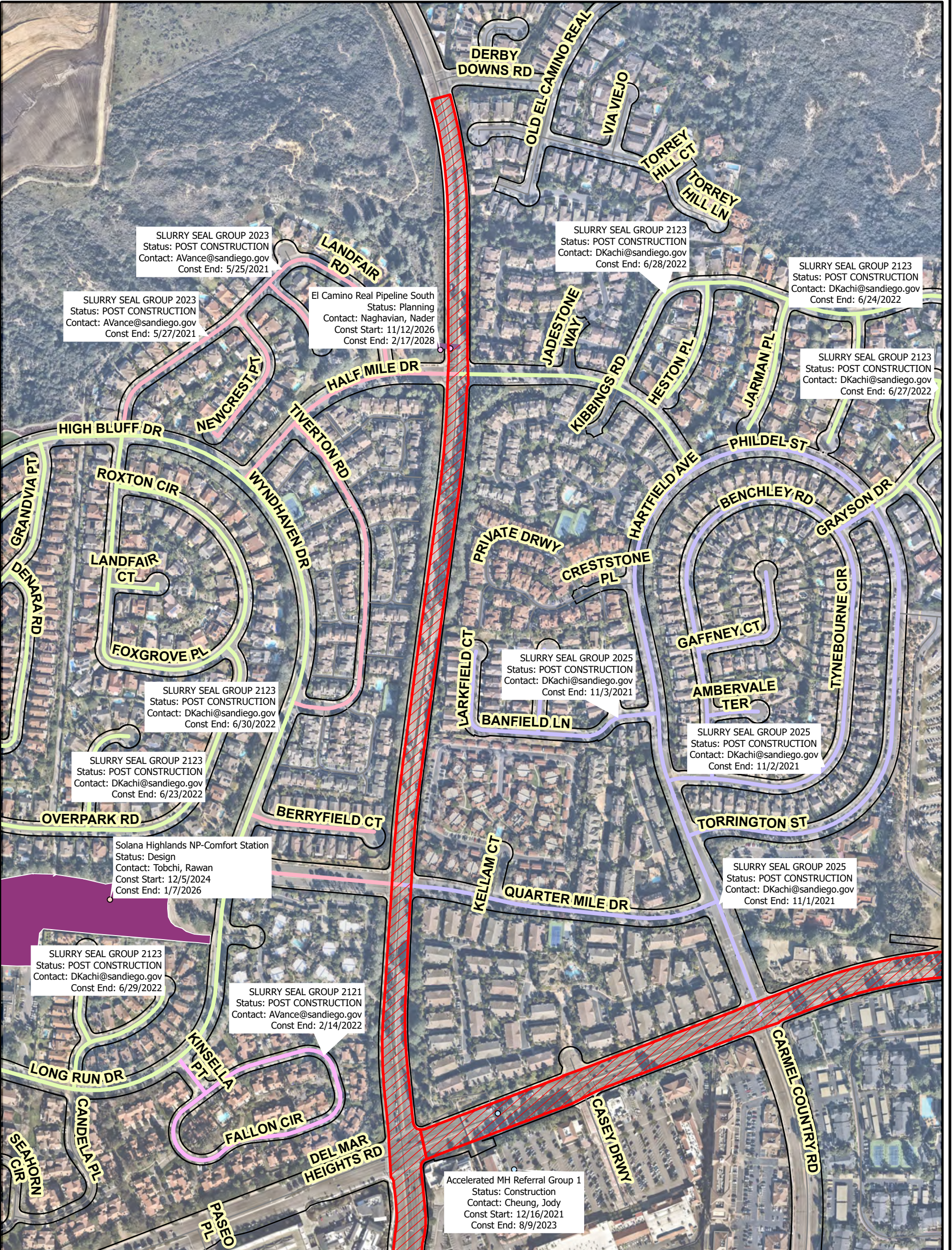
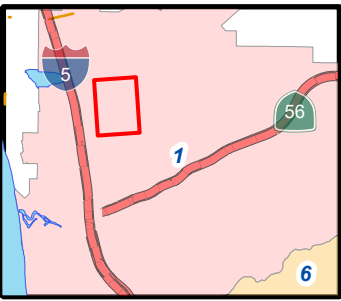
AC OVERLAY GROUP 2402

SENIOR ENGINEER
JANICE JARO
619-533-3851

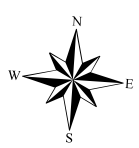
PROJECT MANAGER
CHUN YU CHAN
619-533-7416

PROJECT ENGINEER
CARLOS NOVOA
619-533-6647

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



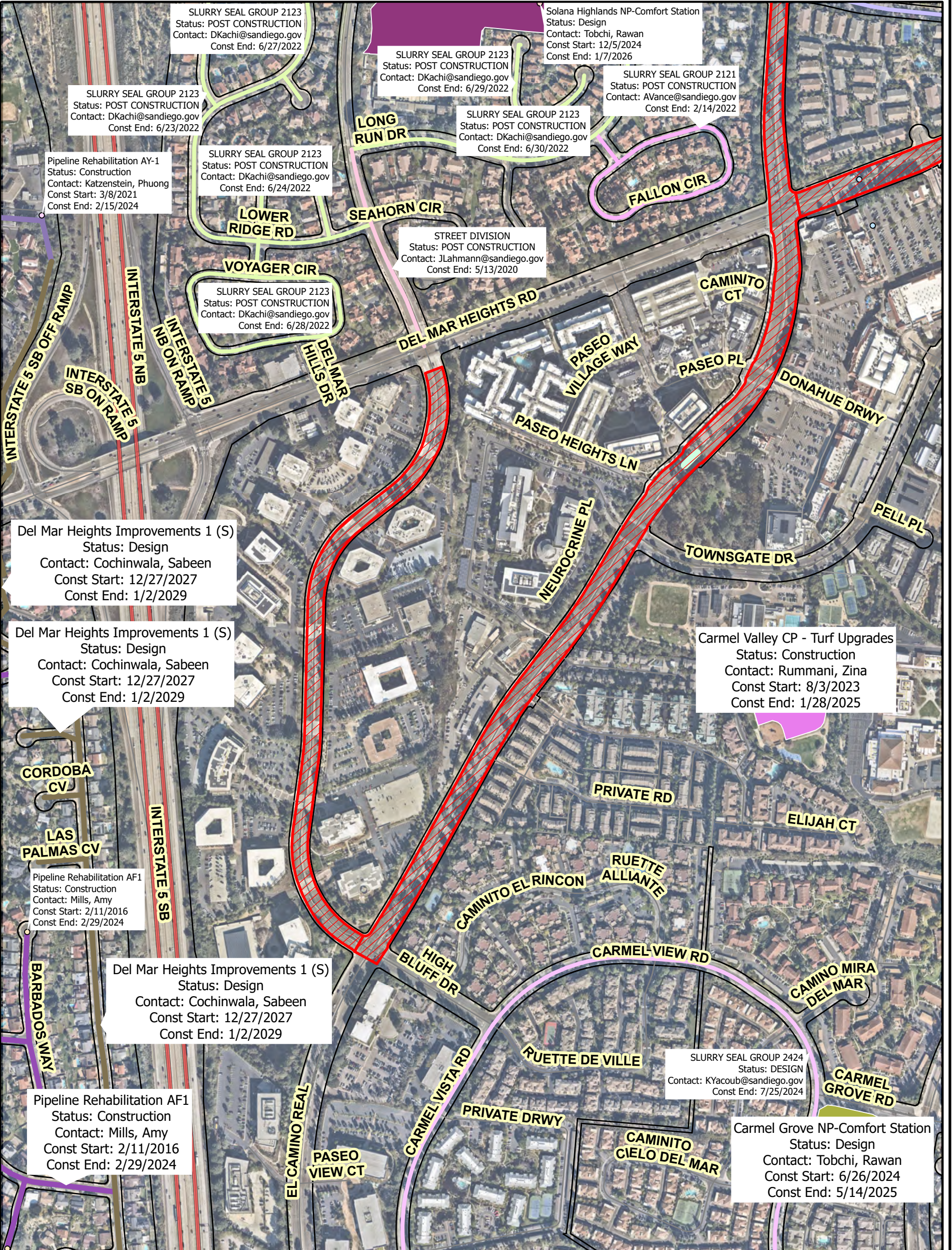
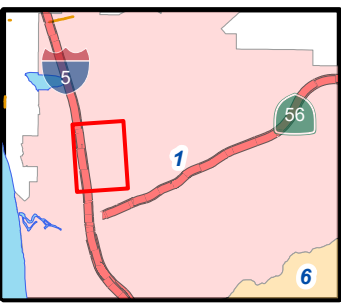
PROJECT_ID, TITLE	Color
AC2402_Paving_Limits	Red Hatched
S2025, SLURRY SEAL GROUP 2025	Blue
S2121, SLURRY SEAL GROUP 2121	Pink
S2023, SLURRY SEAL GROUP 2023	Light Green
S2123, SLURRY SEAL GROUP 2123	Dark Green



THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.

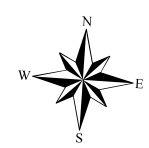
Engineering & Capital Projects
AC OVERLAY GROUP 2402

SENIOR ENGINEER JANICE JARO 619-533-3851	PROJECT MANAGER CHUN YU CHAN 619-533-7416	PROJECT ENGINEER CARLOS NOVOA 619-533-6647	FOR QUESTIONS ABOUT THIS PROJECT Call: (619) 533-4207 Email: engineering@sanidiego.gov
--	---	--	---



Legend

AC2402_Paving_Limits	S2121,SLURRY SEAL GROUP 2121	TSW,STREET DIVISION
PROJECT_ID,TITLE	S2123,SLURRY SEAL GROUP 2123	Project ID,Project Name
S2025,SLURRY SEAL GROUP 2025	S2424,SLURRY SEAL GROUP 2424	CMVY-S6,CARMEL VALLEY SEGMENT 06



THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.



Engineering & Capital Projects

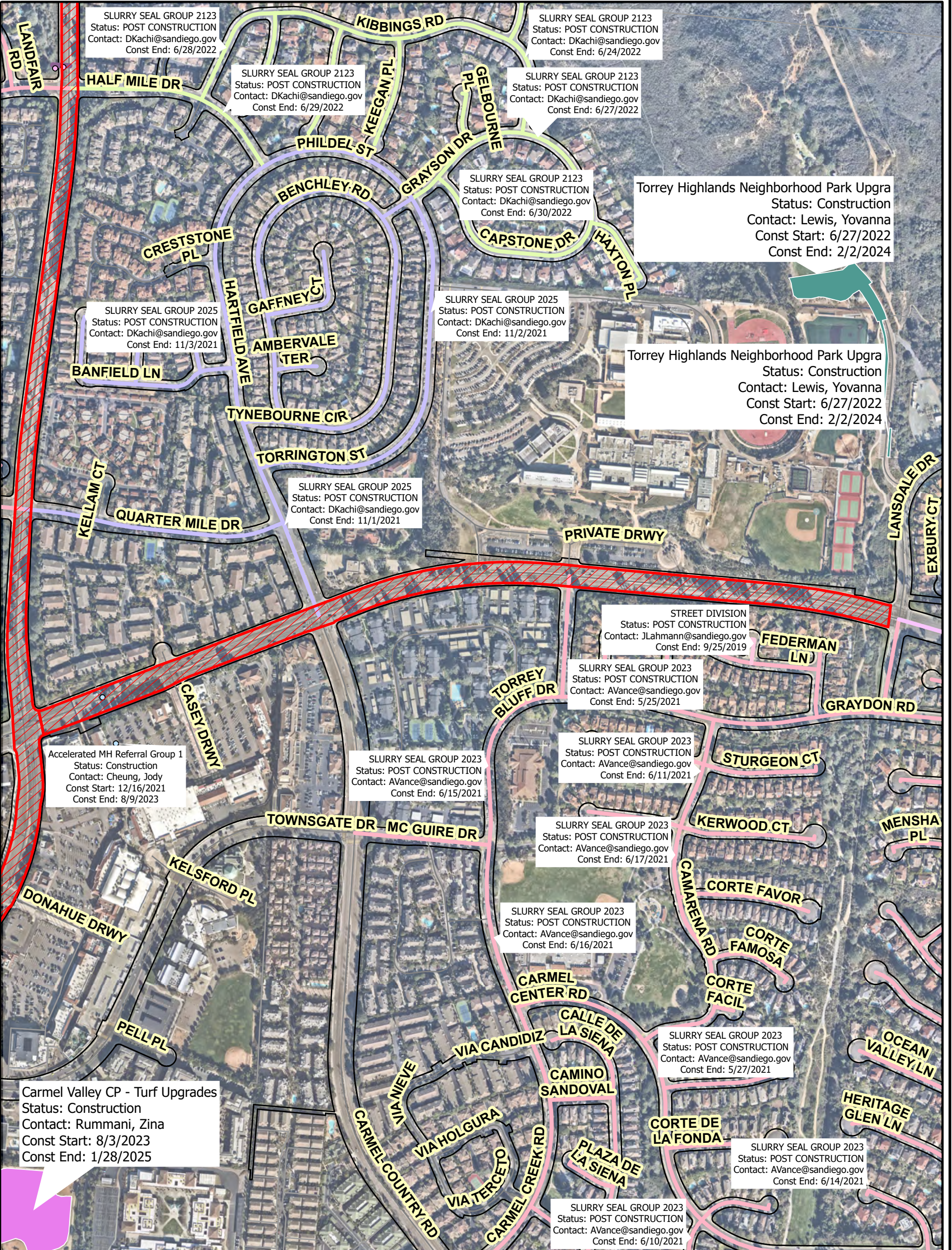
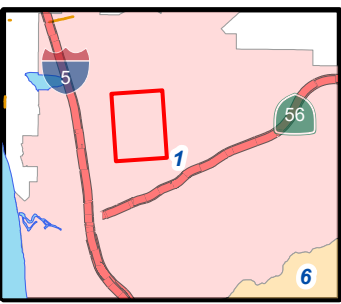
AC OVERLAY GROUP 2402

SENIOR ENGINEER
JANICE JARO
619-533-3851

PROJECT MANAGER
CHUN YU CHAN
619-533-7416

PROJECT ENGINEER
CARLOS NOVOA
619-533-6647

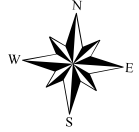
FOR QUESTIONS ABOUT THIS PROJECT
Call: (619) 533-4207
Email: engineering@sanidiego.gov



THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.

Legend

- AC2402_Paving_Limits
- S2025,SLURRY SEAL GROUP 2025
- S2123,SLURRY SEAL GROUP 2123
- S2023,SLURRY SEAL GROUP 2023
- S2424,SLURRY SEAL GROUP 2424
- TSW,STREET DIVISION





Engineering & Capital Projects

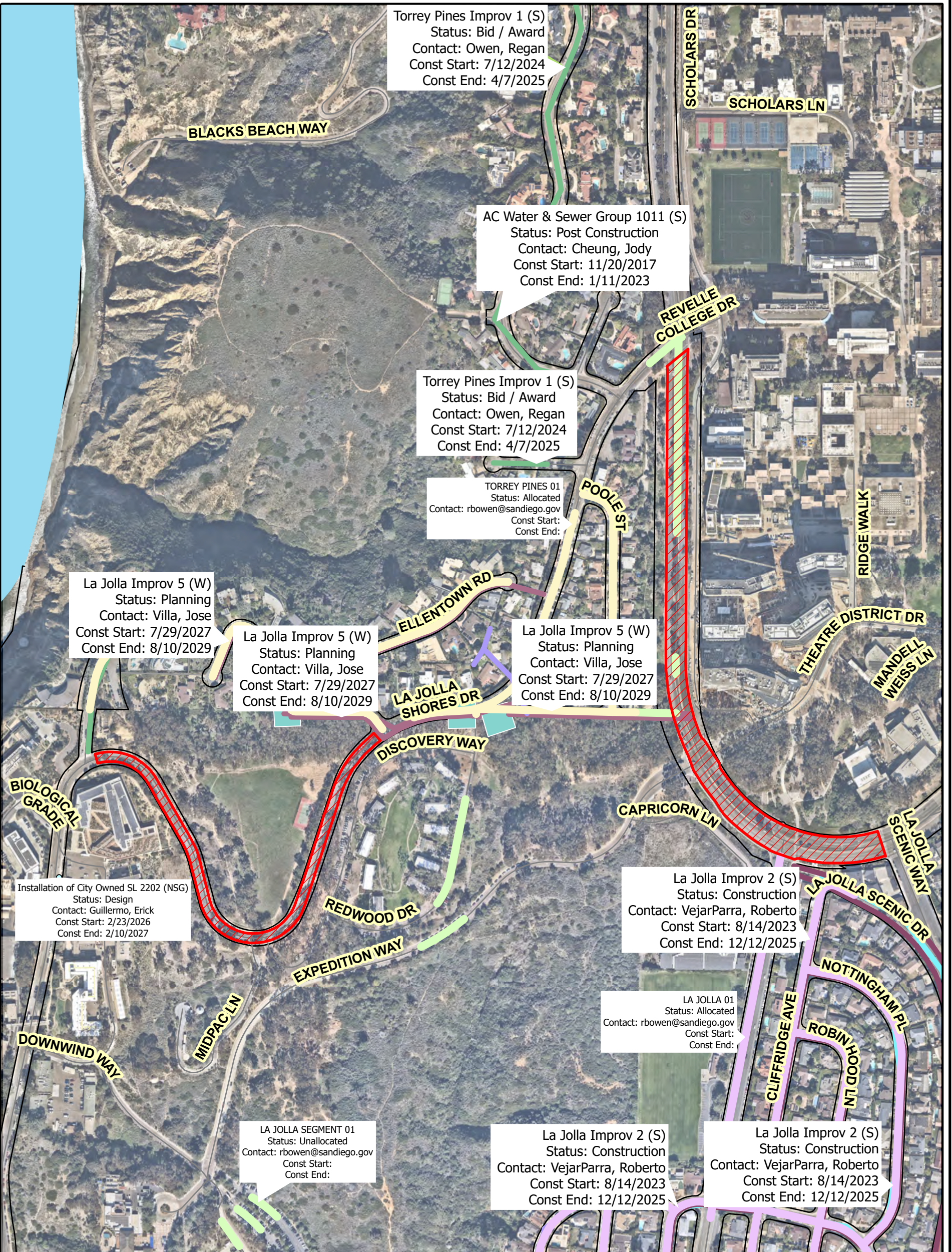
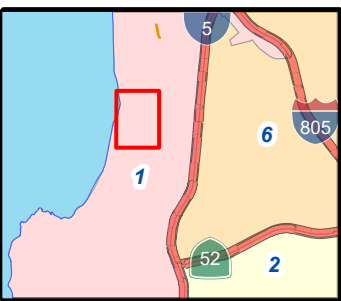
AC OVERLAY GROUP 2402

SENIOR ENGINEER
JANICE JARO
619-533-3851

PROJECT MANAGER
CHUN YU CHAN
619-533-7416

PROJECT ENGINEER
CARLOS NOVOA
619-533-6647

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



THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY. It is unlawful to copy or reproduce all or any part thereof, without the prior, written permission of RAND McNALLY & COMPANY.

Legend

- AC2402_Paving_Limits
- JOLA-S1, LA JOLLA SEGMENT 01
- Project ID, Project Name
- JOLA-01, LA JOLLA 01
- TPIN-01, TORREY PINES 01





Engineering & Capital Projects

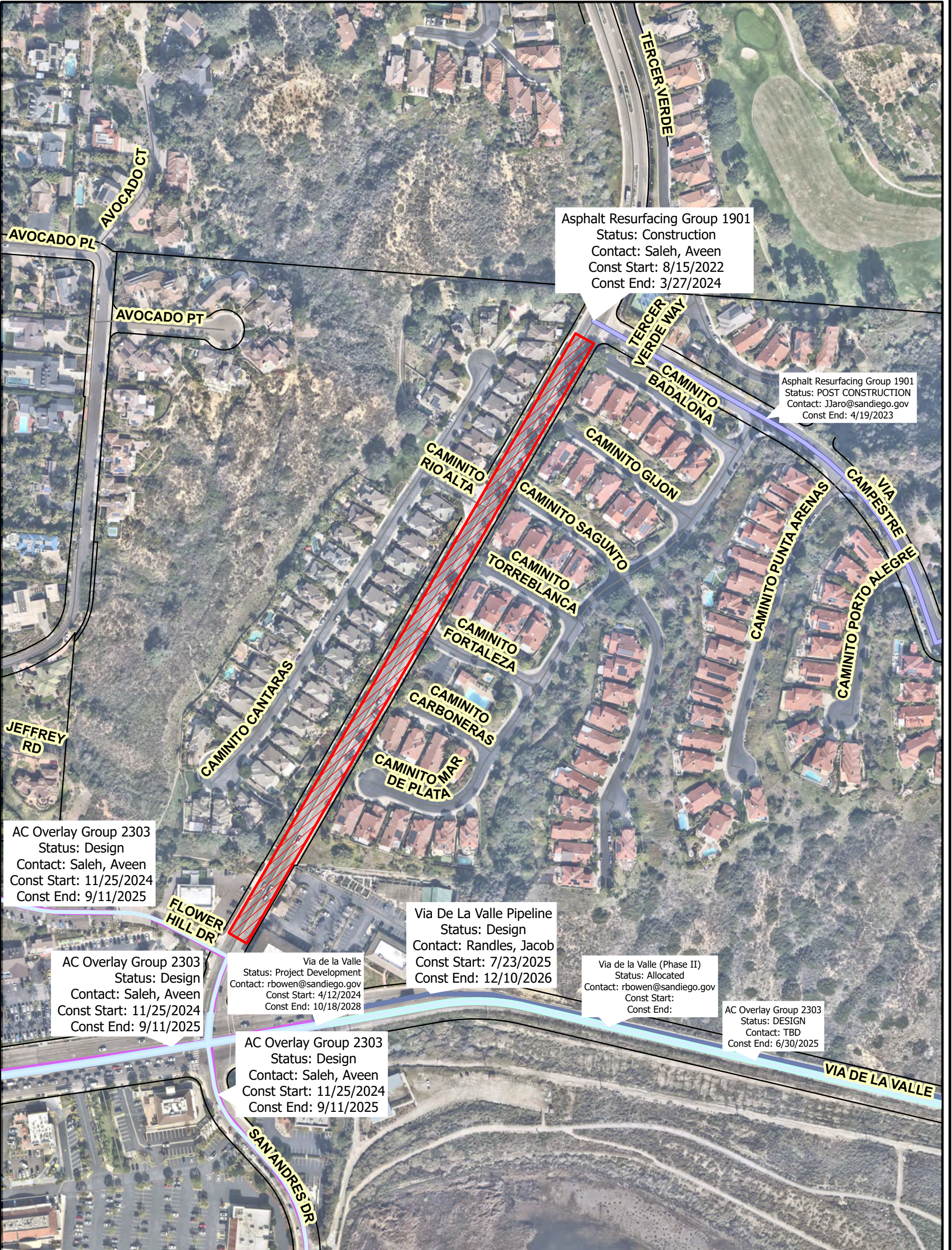
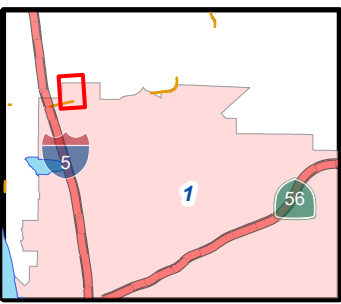
AC OVERLAY GROUP 2402

SENIOR ENGINEER
JANICE JARO
619-533-3851

PROJECT MANAGER
CHUN YU CHAN
619-533-7416

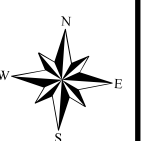
PROJECT ENGINEER
CARLOS NOVOA
619-533-6647

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



Legend

- AC2402_Paving_Limits
- PROJECT_ID,TITLE
- AC1901,Asphalt Resurfacing Group 1901
- AC2303,AC Overlay Group 2303
- Project ID,Project Name
- UU589,Via de la Valle (Phase II)
- UU994,Via de la Valle



THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.



Engineering & Capital Projects

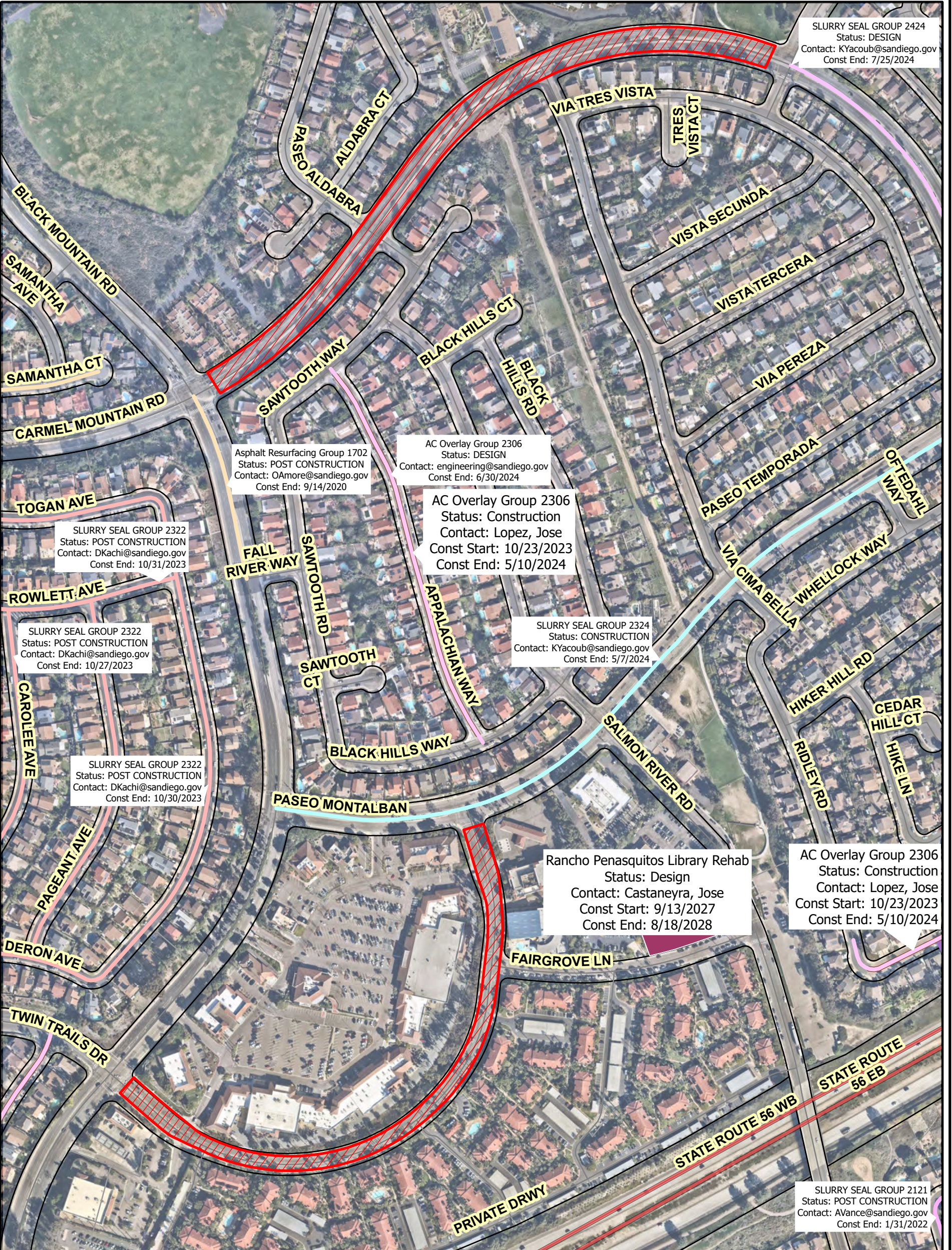
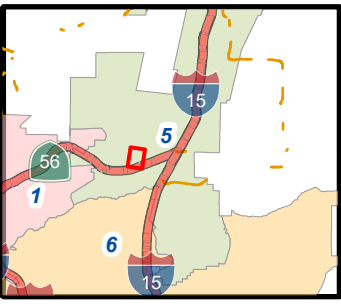
AC OVERLAY GROUP 2402

SENIOR ENGINEER
JANICE JARO
619-533-3851

PROJECT MANAGER
CHUN YU CHAN
619-533-7416

PROJECT ENGINEER
CARLOS NOVOA
619-533-6647

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



SLURRY SEAL GROUP 2424
Status: DESIGN
Contact: KYacoub@sanidiego.gov
Const End: 7/25/2024

Asphalt Resurfacing Group 1702
Status: POST CONSTRUCTION
Contact: OAmore@sanidiego.gov
Const End: 9/14/2020

AC Overlay Group 2306
Status: DESIGN
Contact: engineering@sanidiego.gov
Const End: 6/30/2024

AC Overlay Group 2306
Status: Construction
Contact: Lopez, Jose
Const Start: 10/23/2023
Const End: 5/10/2024

SLURRY SEAL GROUP 2322
Status: POST CONSTRUCTION
Contact: DKachi@sanidiego.gov
Const End: 10/31/2023

SLURRY SEAL GROUP 2322
Status: POST CONSTRUCTION
Contact: DKachi@sanidiego.gov
Const End: 10/27/2023

SLURRY SEAL GROUP 2322
Status: POST CONSTRUCTION
Contact: DKachi@sanidiego.gov
Const End: 10/30/2023

SLURRY SEAL GROUP 2324
Status: CONSTRUCTION
Contact: KYacoub@sanidiego.gov
Const End: 5/7/2024

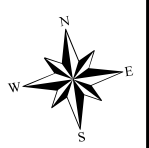
Rancho Penasquitos Library Rehab
Status: Design
Contact: Castaneyra, Jose
Const Start: 9/13/2027
Const End: 8/18/2028

AC Overlay Group 2306
Status: Construction
Contact: Lopez, Jose
Const Start: 10/23/2023
Const End: 5/10/2024

SLURRY SEAL GROUP 2121
Status: POST CONSTRUCTION
Contact: AVance@sanidiego.gov
Const End: 1/31/2022

Legend

- AC2402_Paving_Limits
- AC2306, AC Overlay Group 2306
- S2324, SLURRY SEAL GROUP 2324
- PROJECT_ID, TITLE
- S2121, SLURRY SEAL GROUP 2121
- S2424, SLURRY SEAL GROUP 2424
- AC1702, Asphalt Resurfacing Group 1702
- S2322, SLURRY SEAL GROUP 2322



THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.

APPENDIX 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
SAMPLE OF PUBLIC NOTICE



CONSTRUCTION NOTICE

PROJECT TITLE

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

The work will consist of:

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

How your neighborhood may be impacted:

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

Hours and Days of Operation:

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

City of San Diego Contractor:

Company Name, XXX-XXX-XXXX



CONSTRUCTION NOTICE

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

APPENDIX I

ADVANCED METERING INFRASTRUCTURE (AMI) DEVICE PROTECTION

Protecting AMI Devices in Meter Boxes and on Street Lights

The Public Utilities Department (PUD) has begun the installation of the Advanced Metering Infrastructure (AMI) technology as a new tool to enhance water meter reading accuracy and efficiency, customer service and billing, and to be used by individual accounts to better manage the efficient use of water. **All AMI devices shall be protected per Section 402-2, "Protection", of the 2021 Whitebook.**

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

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

- A. Endpoints, see Photo 1:

Photo 1



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



Network Devices, see Photo 3:

Photo 3



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

Photo 4



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

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

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

Photo 5

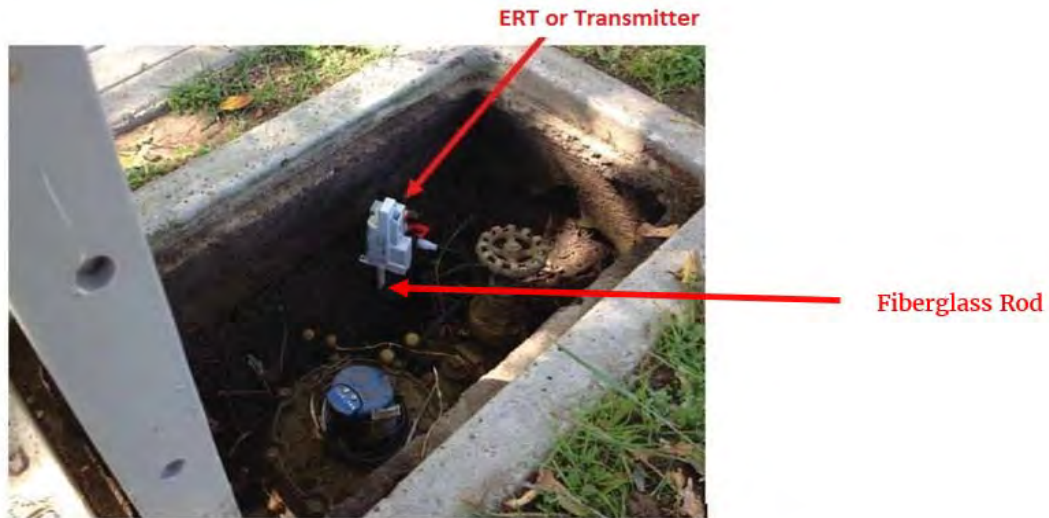


Photo 6 below is an example of disturbance that shall be avoided:

Photo 6



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

Photo 7



Another component of the AMI system are the Network Devices. The Network Devices are strategically placed units (mainly on street light poles) that collect interval meter reading data from multiple meters for transmission to the Department Control Computer. **If you come across any of these devices on street lights that will be removed or replaced (refer to Photos 8 and 9 below), notify Elvira Santiesteban, Compliance & Metering Manager 619-380-3804 and Kevin Wilson, Senior Water Utility Supervisor 619-857-8257 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 Elvira Santiesteban, Compliance & Metering Manager 619-380-3804 and Kevin Wilson, Senior Water Utility Supervisor 619-857-8257.

APPENDIX J

ESTIMATED ASPHALT CONSTRUCTION QUANTITIES

APPENDIX K
CONTRACTOR'S NOTES

CONTRACTOR'S NOTES

1. PURSUANT TO SECTION 4216 OF THE GOVERNMENT CODE, AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION, YOU MUST CONTACT THE REGIONAL NOTIFICATION CENTER (E.G. UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA) AND OBTAIN AN INQUIRY IDENTIFICATION NUMBER.
2. NOTIFY SDG&E AT LEAST 10 WORKING DAYS PRIOR TO EXCAVATING WITHIN 10' OF SDG&E UNDERGROUND HIGH VOLTAGE TRANSMISSION POWER LINES. (I.E., 69 KV & HIGHER).
3. STORM DRAIN INLETS SHALL REMAIN FUNCTIONAL AT ALL TIMES DURING CONSTRUCTION.
4. ALL ADVANCE METERING INFRASTRUCTURE (AMI) DEVICES ATTACHED TO THE WATER METER OR LOCATED IN OR NEAR WATER METER BOXES, COFFINS, OR VAULTS SHALL BE PROTECTED AT ALL TIMES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
5. PROTECT EXISTING UTILITIES, WATER METER/UTILITY PULL BOX AND ELECTRICAL BOX IN PLACE AND ADJUST TO GRADE.
6. ALL EXISTING SITE CONDITIONS TO BE DOCUMENTED PRIOR TO ANY DEMOLITION AND/OR EXCAVATION.
7. CONTRACTOR TO NOTIFY THE PROPERTY OWNER BEFORE RELOCATING EXISTING TREES OR SPRINKLER HEADS.
8. PROTECT EXISTING DRY UTILITIES, AND COORDINATE ADJUSTMENT TO GRADE WITH DRY UTILITY OWNER.
9. FOR NEW OR RELOCATED SIGNAL AND/OR PEDESTRIAN PUSH BUTTON (PPB) POLES, THE HOUSING ASSEMBLY FOR THE PPB'S SHALL BE REPLACED WITH A METALLIC HOUSING WITH A COLOR THAT MATCHES COLOR NO. 33538 OF FED-STD-595.
10. CONTRACTOR TO PROTECT ANY EXISTING WALLS BEHIND THE SIDEWALK DURING DEMOLITION AND CONSTRUCTION.
11. CONSTRUCTION STORM WATER PROTECTION NOTES:

a.TOTAL SITE DISTURBANCE AREA: 0.61 ACRES

HYDROLOGIC UNIT/ WATERSHED: SEE TABLE BELOW

HYDROLOGIC SUB-AREA NAME & NO: SEE TABLE BELOW

No.	RD20FULL	CROSS STREET 1	CROSS STREET 2	Hydrologic Unit	Watershed	Hydrologic Subarea Name and No.
1	DEL MAR HEIGHTS RD	EL CAMINO REAL	LANSDALE DR	PENASQUITOS	LOS PENASQUITOS WMA	MIRAMAR RESERVOIR 906.1
2	EL CAMINO REAL	HIGH BLUFF DR	DERBY DOWNS RD	SAN DIEGUITO PENASQUITOS	SAN DIEGUITO, LOS PENASQUITOS WMA	RANCHO SANTA FE 905.11, MIRAMAR RESERVOIR 906.1
3	FAY AVE	PEARL ST	KLINE ST	PENASQUITOS	MISSION BAY WMA	SCRIPPS 906.3
4	HIGH BLUFF DR	EL CAMINO REAL	DEL MAR HEIGHTS RD	PENASQUITOS	LOS PENASQUITOS WMA	MIRAMAR RESERVOIR 906.10
5	LA JOLLA SHORES DR	LA JOLLA SHORES LN	HORIZON WY	PENASQUITOS	MISSION BAY WMA	SCRIPPS 906.3
6	NORTH TORREY PINES RD	LA JOLLA VILLAGE DR	LA JOLLA SHORES DR	PENASQUITOS	MISSION BAY WMA	SCRIPPS 906.3

7	SAN ANDRES DR	FLOWER HILL DR	VIA CAMPESTRE	SAN DIEGUITO	SAN DIEGUITO WMA	RANCHO SANTA FE 905.11
8	CARMEL MTN RD	BLACK MTN RD	SUNDEVIL WY	PENASQUITOS	LOS PENASQUITOS WMA	POWAY 906.2
9	CARMEL MTN RD	RANCHO PENASQUITOS BL	GERANA ST	PENASQUITOS	LOS PENASQUITOS WMA	POWAY 906.2
10	TWIN TRAILS DR	BLACK MTN RD	PASEO MONTALBAN	PENASQUITOS	LOS PENASQUITOS WMA	MIRAMAR RESERVOIR 906.1

b. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE

MINOR WPCP

THE PROJECT IS SUBJECT TO MUNICIPAL STORMWATER PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100

WPCP

THE PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100

SWPPP

THE PROJECT IS SUBJECT TO MUNICIPAL STORM SEWER SYSTEM (MS 4)

PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100 AND CONSTRUCTION GENERAL PERMIT (CGP) ORDER 2009-0009-DWQ AS AMENDED BY ORDER 2010-0014-DWQ AND 2012-0006-DWQ.

TRADITIONAL: RISK LEVEL 1 2 3

LUP: RISK TYPE 1 2 3

c. CONSTRUCTION SITE PRIORITY

ASBS

HIGH

MEDIUM

LOW

12. PERMANENT STORM WATER BMP CATEGORY:

- PRIORITY DEVELOPMENT PROJECT
- STANDARD DEVELOPMENT PROJECT
- PDP EXEMPT
- NOT SUBJECT TO PERMANENT STORM WATER REQUIREMENTS

13. GENERAL CURB RAMP NOTES:

- a. THE DETECTABLE WARNING TILES SHALL BE PER THE CITY'S APPROVED MATERIALS LIST.
- b. CONTRACTOR MAY USE NON-STAINLESS MATERIAL PER CITY'S AML IF THE DWT HAS TO BE TRIMMED TO CONFORM TO THE CURB RAMP CONFIGURATION.
- c. THE DESIGN OF THE CURB RAMP SHALL NOT AFFECT THE DRAINAGE PATTERN ON THE STREET.
- d. CONTRACTOR SHALL REPLACE LIFTED, DAMAGED, OR MISSING SIDEWALK PANELS WITHIN THE ENTIRE CURB RETURN AND ALONG THE IMMEDIATE SIDEWALK AREAS LEADING TO THE CURB RETURN.
- e. COUNTER SLOPES (CURB RAMP SLOPES PLUS STREET SLOPE) WHEN ADDED CANNOT EXCEED 13% WITH THE EXCEPTION OF A TYPE C2 AND CI. ADJUST THE SLOPE OF THE MAIN RAMP AND/OR STREET IF THE COUNTER SLOPE EXCEEDS 5.0%.
- f. PROTECT AND KEEP ALL HISTORIC STAMPS WITHIN CORNER SIDEWALKS.
- g. CONTRACTOR TO MATCH THE CONCRETE COLOR OF THE EXISTING SIDEWALK.
- h. ADJUST LIMIT LINES AND LEGEND MARKING SO THAT THEY ARE PLACED BEFORE EACH CURB RAMP. RESTRIPE USING 12" WIDE WHITE THERMOPLASTIC STRIPING.

- i. PROVIDE A MINIMUM 4' TRANSITION BETWEEN THE CURB RAMP AND ADJACENT SIDEWALK IF THE CROSS SLOPE OF THE SIDEWALK ADJACENT TO THE CURB RAMP IS MORE THAN 2%.
- j. RETAINING CURB SHALL BE PROVIDED BEHIND THE ENTIRE CURB RETURN IF THE ADJACENT GRADE BEHIND THE SIDEWALK IS HIGHER OR LOWER THAN THE SIDEWALK/CURB RAMP SURFACE. IF HIGHER, THE HEIGHT OF THE CURB SHALL BE 2" HIGHER THAN THE ADJACENT FINISHED GRADE.
- k. THE EXISTING CONCRETE SPANDREL OF A CROSS GUTTER SHALL BE REMOVED AND REPLACED IN ITS ENTIRETY WITH CURB RAMP INSTALLATION.
- l. THE EXISTING CONCRETE ALLEY APRON SHALL BE REMOVED AND REPLACED IN ITS ENTIRETY WITH THE CURB RAMP INSTALLATION.
- m. CONTRACTOR SHALL REPLACE ALL OLD OR BROKEN UTILITY BOXES WITHIN LIMITS OF CONSTRUCTION.

14. TRAFFIC CONTROL NOTES:

THE CONTRACTOR SHALL, PER SECTION 601-2 OF THE WHITEBOOK, PREPARE TRAFFIC CONTROL WORKING DRAWINGS AND SUBMIT THEM TO THE RESIDENT ENGINEER, WHO WILL THEN ROUTE THEM TO THE PUBLIC WORKS TRAFFIC CONTROL SECTION FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL ALLOW A MINIMUM OF TWENTY (20) WORKING DAYS FOR REVIEW OF THE WORKING DRAWINGS. UPON APPROVAL OF THE TRAFFIC CONTROL WORKING DRAWINGS, THE PUBLIC WORKS TRAFFIC CONTROL SECTION WILL ISSUE A TRAFFIC CONTROL PLAN (TCP) PERMIT. WORK SHALL NOT BEGIN IN THE PUBLIC RIGHT OF WAY WITHOUT THE TCP PERMIT.


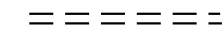
APPENDIX L
CONCRETE SCOPE SHEET

CONCRETE QUANTITY SCOPE SHEET

SHEET INDEX

SHEET NO.	TITLE	LIMITS
1	COVER SHEET	
2	FAY AVE	PEARL ST TO KLINE ST
3	CARMEL MOUNTAIN RD	PASEO CARDIEL TO FREEPORT RD
4	CARMEL MOUNTAIN RD	STONE CREEK RD TO VIA RIMINI
5	CARMEL MOUNTAIN RD	VIA SAN MARCO TO CUCA ST
6	HIGH BLUFF DR	EL CAMINO REAL RD TO DEL MAR HEIGHTS RD
7	EL CAMINO REAL	HIGH BLUFF DR TO TOWNSGATE DR
8	EL CAMINO REAL	TOWNSGATE DR TO QUARTER MILE DR
9	EL CAMINO REAL	QUARTER MILE DR TO DERBY DOWNS DR
10	DEL MAR HEIGHTS RD	EL CAMINO REAL RD TO CARMEL COUNTRY RD
11	DEL MAR HEIGHTS RD	CARMEL COUNTRY RD TO LANSDALE DR
12	LA JOLLA SHORES DR	LA JOLLA SHORES LN TO HORIZON WAY
13	NORTH TORREY PINES RD	LA JOLLA SHORES DR TO TORREY PINES RD
14	SAN ANDRES DR	FLOWER HLL DR TO VIA CAMPESTRE
15	TWIN TRAILS DR	BLACK MOUNTAIN RD TO PASEO MONTALBAN
16	CARMEL MOUNTAIN RD	BLACK MOUNTAIN RD TO SUNDEVIL WAY

EXISTING STRUCTURES

EX FIRE HYDRANT 
EX DRAINS 

LEGEND

IMPROVEMENTS

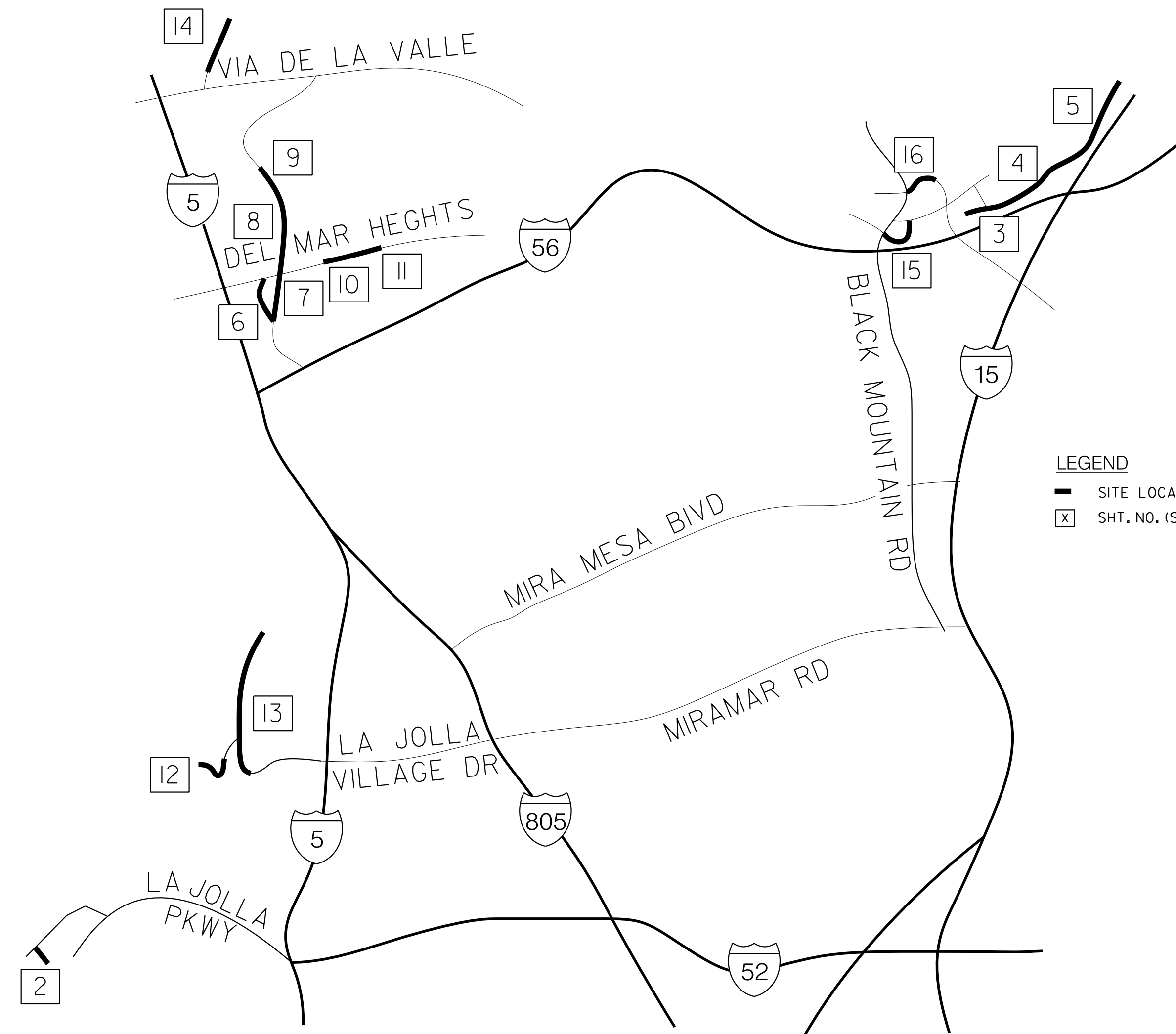
CURB RAMP TYPE A
CURB RAMP TYPE AI
CURB RAMP DUAL A
CURB RAMP TYPE B
CURB RAMP DUAL B
CURB RAMP TYPE CI
CURB RAMP DUAL CI
CURB RAMP TYPE C2
CURB RAMP DUAL C2
CURB RAMP TYPE C3
CURB RAMP TYPE D

REFERENCE



SDG-132
SDG-132
SDG-134
SDG-133 & SDM-117
SDG-134
SDG-135 & SDG-136
SDG-134
SDG-135
SDG-134
SDG-135
SDG-137

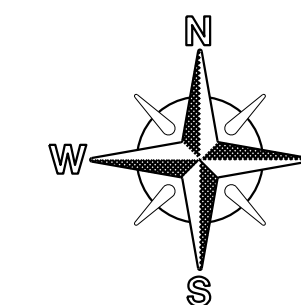
ABBREVIATIONS

PPB PEDESTRIAN PUSH BUTTON

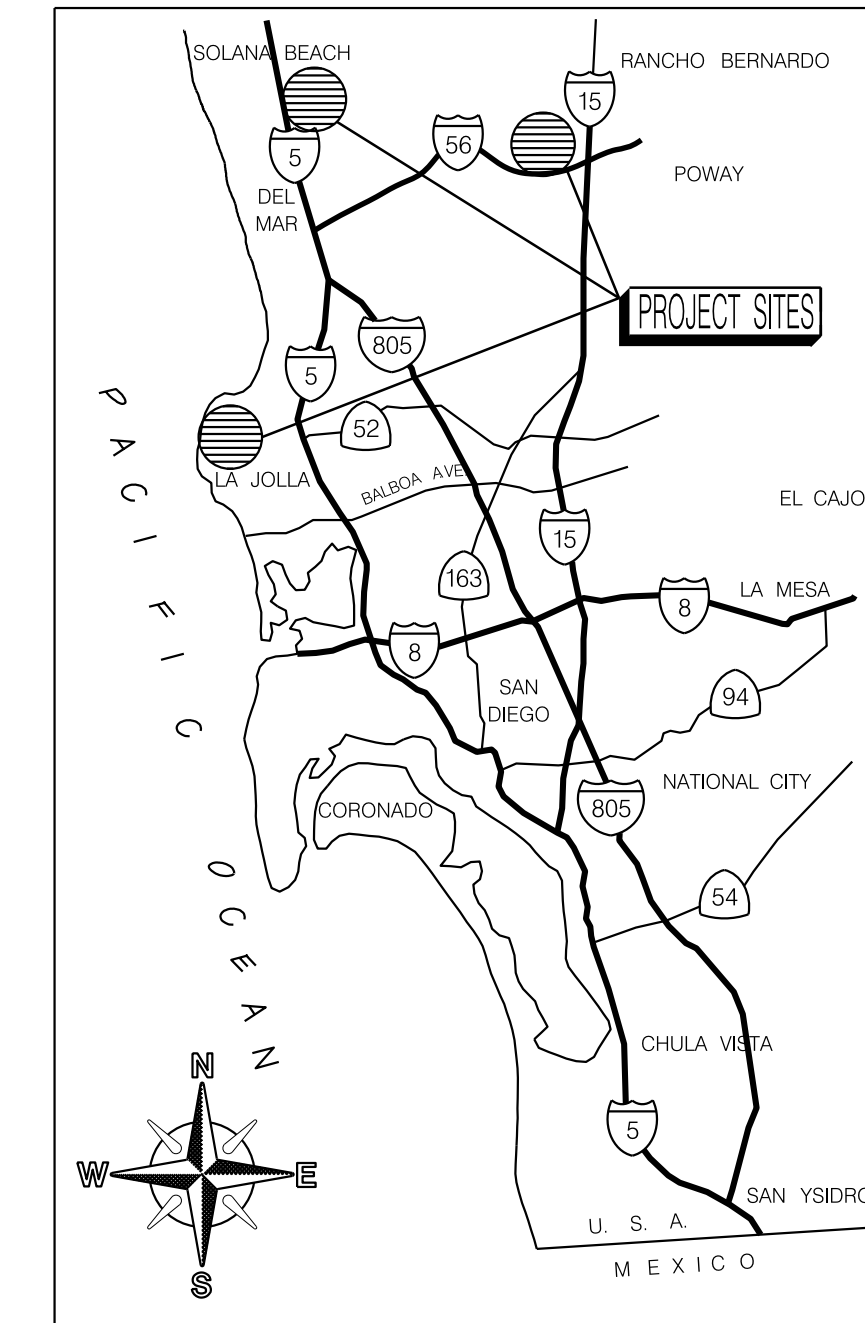


LEGEND

 SITE LOCATION
 SHT. NO. (STREET RESURFACING)



KEY MAP
NO SCALE



VICINITY MAP
NOT TO SCALE

WORK TO BE DONE
CONCRETE SCOPE AND AC OVERLAY GROUP 2402

CONSTRUCTION CHANGE / ADDENDUM			
CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.

WARNING



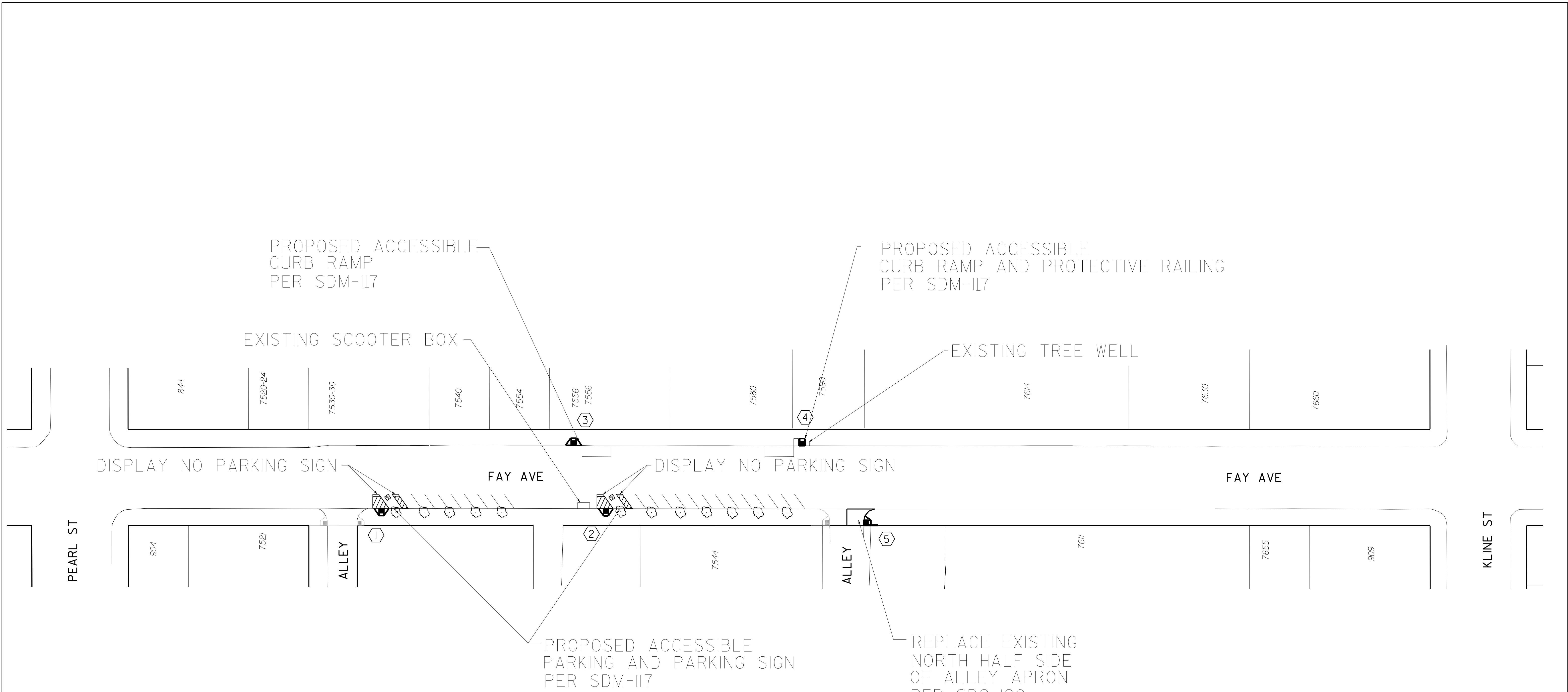
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.



CONCRETE QUANTITY SCOPE SHEET

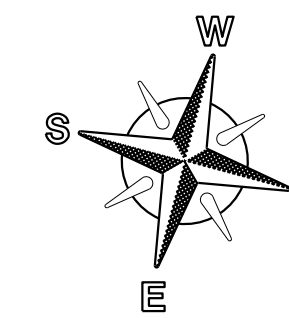
CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 01 OF 16 SHEETS

WBS. B-24012



CURB RAMP NOTES TABLE

LOCATION NO.	CURB RAMP TYPE	APPROX. R/W	REPLACEMENT	NEW	HISTORIC STAMPS	SURVEY MARKER	BARRICADE TYPE	MISC SIGN	DETECTABLE WARNING TILES		COMMENTS / MODIFICATIONS
									STAINLESS STEEL	OTHER	
1	B	10'		X					X		PROTECT IN PLACE TREE AND TREE WELL.
2	B	10'		X					X		PROTECT IN PLACE TREE AND TREE WELL, CONSTRUCT SINGLE FLARE RAMP.
3	B	10'		X					X		PROTECT IN PLACE ELECTRIC BOX AND TREE WELL.
4	B	10'	X						X		PROTECT IN PLACE ELECTRIC BOXES AND TREE WELL, CONSTRUCT NO FLARE RAMP.
5	D	10'	X						X		PROTECT IN PLACE ELECTRIC BOX.

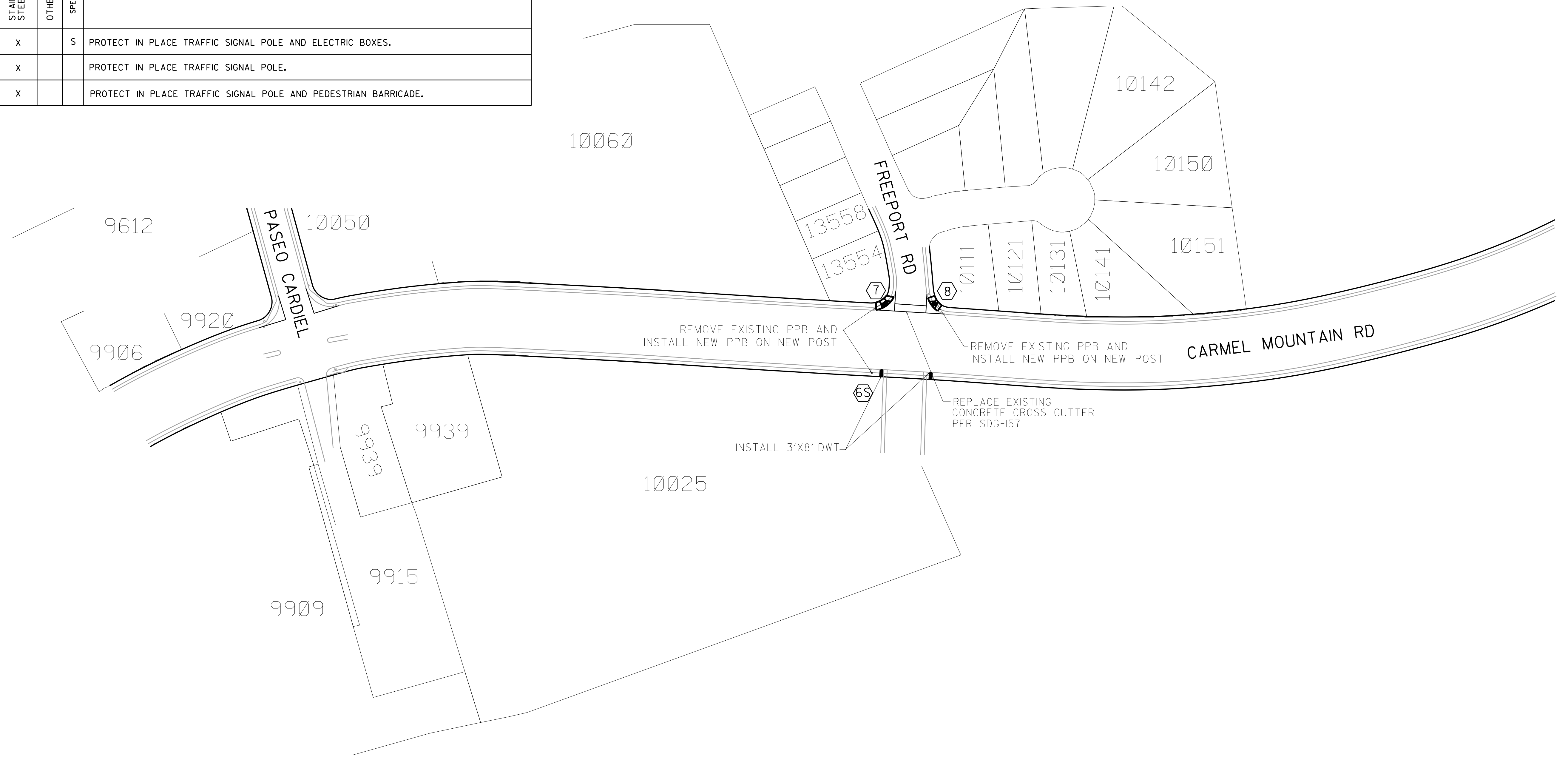


KEY MAP
1" = 40'

<p>CONCRETE QUANTITY SCOPE SHEET</p> <p>FAY AVE</p> <p>PEARL ST TO KLINE ST</p>	
<p>CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 02 OF 16 SHEETS</p>	<p>WBS. B-24012</p>

CURB RAMP NOTES TABLE

LOCATION NO.	CURB RAMP TYPE	APPROX. R/W	REPLACEMENT	NEW	HISTORIC STAMPS	SURVEY MARKER	BARRICADE TYPE	MISC SIGN	DETECTABLE WARNING TILES		SPECIAL DESIGN	COMMENTS / MODIFICATIONS
									STAINLESS STEEL	OTHER		
6		10'	X						X		S	PROTECT IN PLACE TRAFFIC SIGNAL POLE AND ELECTRIC BOXES.
7	C3	10'	X						X			PROTECT IN PLACE TRAFFIC SIGNAL POLE.
8	C2	10'	X						X			PROTECT IN PLACE TRAFFIC SIGNAL POLE AND PEDESTRIAN BARRICADE.

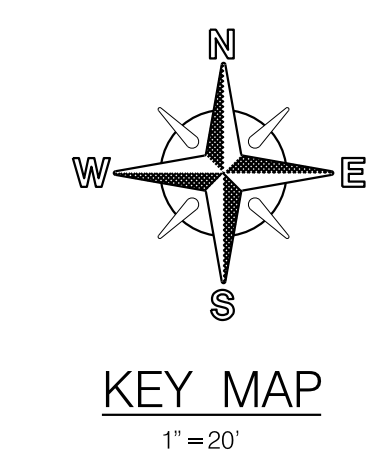
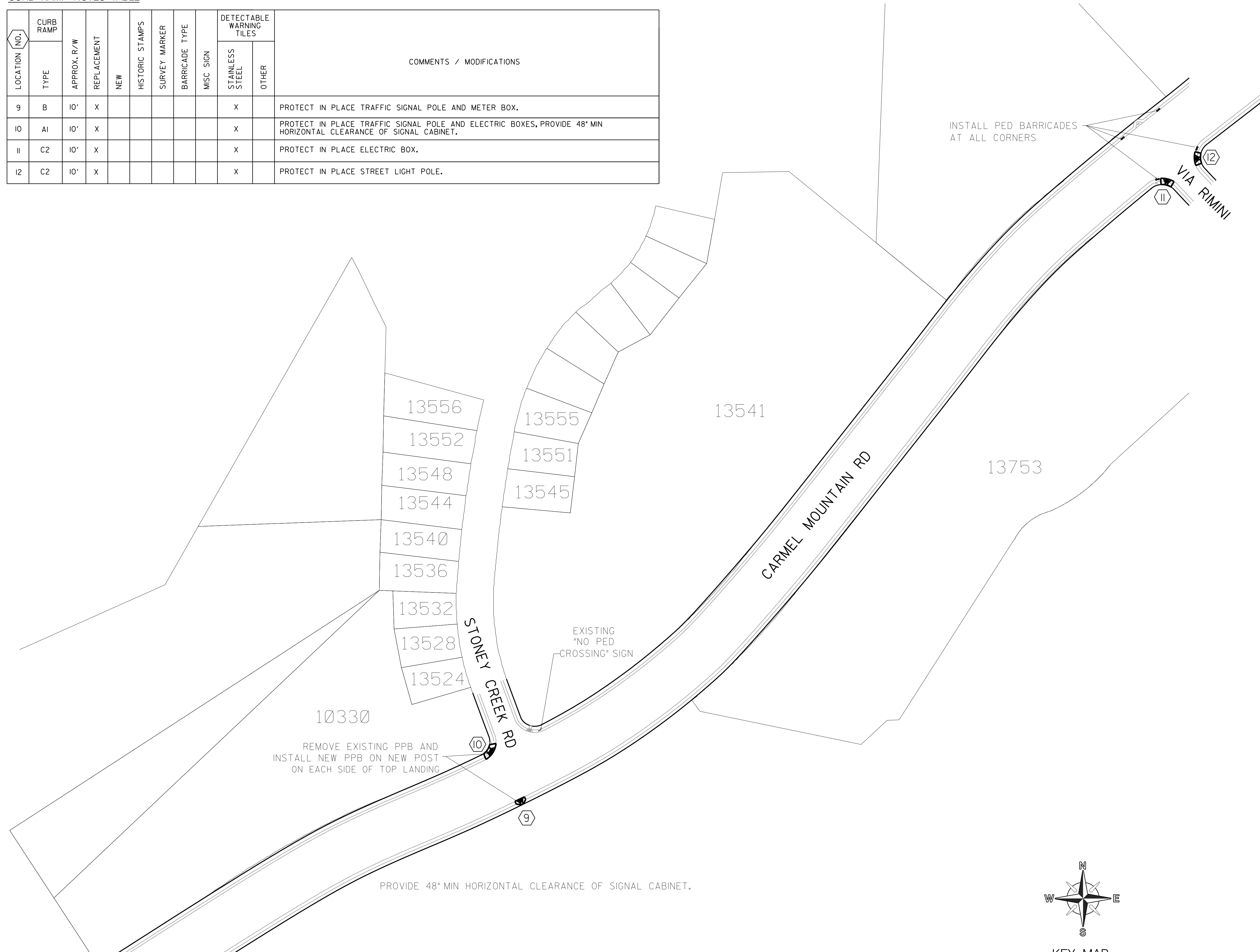


<p>CONCRETE QUANTITY SCOPE SHEET CARMEL MOUNTAIN RD CARMEL MOUNTAIN RD TO FREEPORT RD</p>	
<p>CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 03 OF 16 SHEETS</p>	<p>WBS. _____ B-24012 _____</p>

CONCRETE QUANTITY SCOPE SHEET

CURB RAMP NOTES TABLE

LOCATION NO.	CURB RAMP TYPE	APPROX. R/W	REPLACEMENT	NEW	HISTORIC STAMPS	SURVEY MARKER	BARRICADE TYPE	MISC SIGN	DETECTABLE WARNING TILES		COMMENTS / MODIFICATIONS
									STAINLESS STEEL	OTHER	
9	B	10'	X						X		PROTECT IN PLACE TRAFFIC SIGNAL POLE AND METER BOX.
10	A1	10'	X						X		PROTECT IN PLACE TRAFFIC SIGNAL POLE AND ELECTRIC BOXES, PROVIDE 48" MIN HORIZONTAL CLEARANCE OF SIGNAL CABINET.
11	C2	10'	X						X		PROTECT IN PLACE ELECTRIC BOX.
12	C2	10'	X						X		PROTECT IN PLACE STREET LIGHT POLE.



CONCRETE QUANTITY SCOPE SHEET
 CARMEL MOUNTAIN RD
 STONEY CREEK RD TO VIA RIMINI

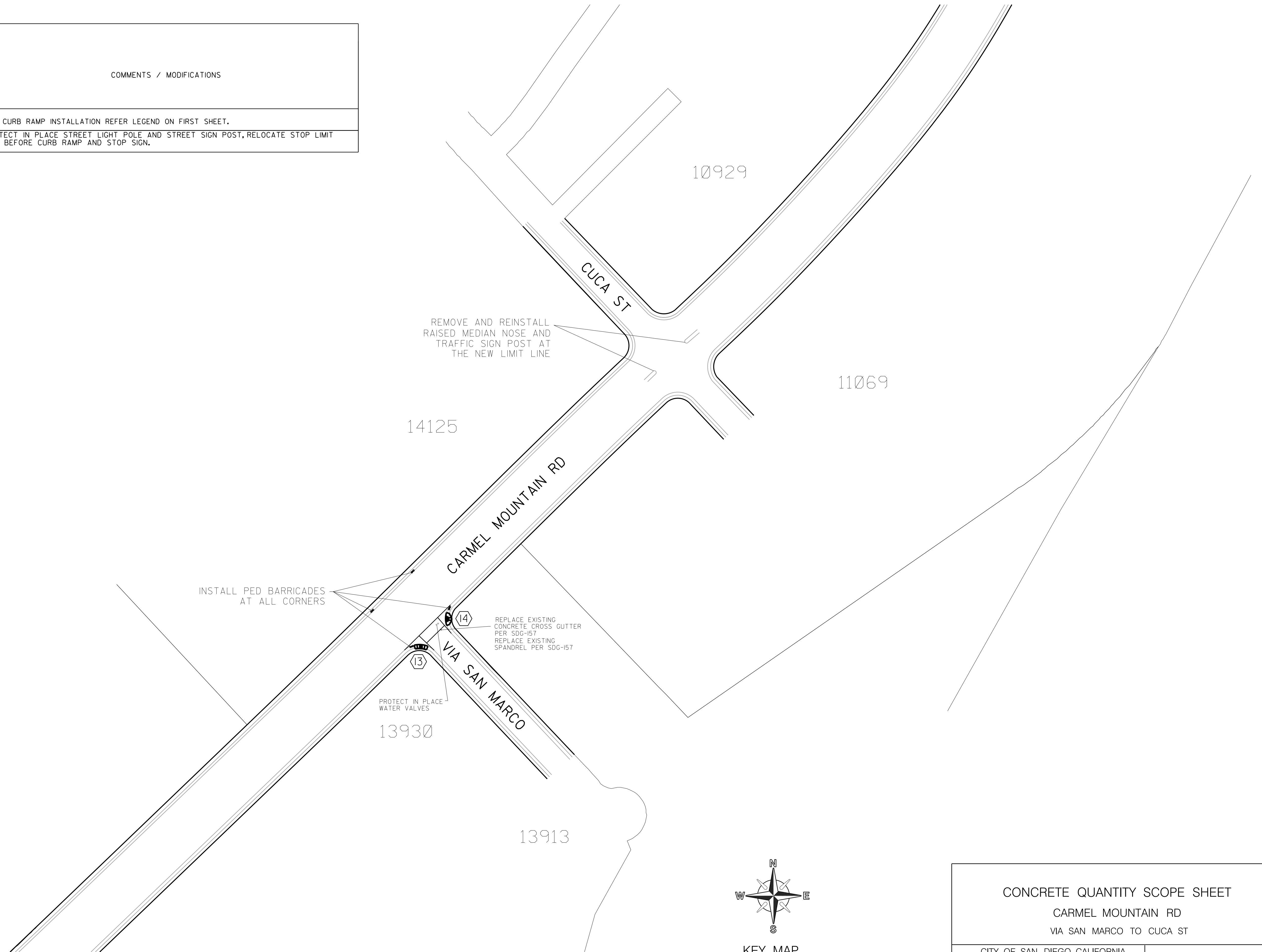
CITY OF SAN DIEGO, CALIFORNIA
 ENGINEERING & CAPITAL PROJECTS DEPARTMENT
 SHEET 04 OF 16 SHEETS

WBS. B-24012

CONCRETE QUANTITY SCOPE SHEET

CURB RAMP NOTES TABLE

LOCATION NO.	CURB RAMP TYPE	APPROX. R/W	REPLACEMENT	NEW	HISTORIC STAMPS	SURVEY MARKER	BARRICADE TYPE	MISC SIGN	DETECTABLE WARNING TILES		COMMENTS / MODIFICATIONS
									STAINLESS STEEL	OTHER	
13	CI	10'		X					X		FOR CURB RAMP INSTALLATION REFER LEGEND ON FIRST SHEET.
14	A	10'		X					X		PROTECT IN PLACE STREET LIGHT POLE AND STREET SIGN POST, RELOCATE STOP LIMIT LINE BEFORE CURB RAMP AND STOP SIGN.



<p>CONCRETE QUANTITY SCOPE SHEET CARMEL MOUNTAIN RD VIA SAN MARCO TO CUCA ST</p>	
<p>CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 05 OF 16 SHEETS</p>	<p>WBS. B-24012</p>

CONCRETE QUANTITY SCOPE SHEET



CURB RAMP NOTES TABLE

LOCATION NO.	CURB RAMP TYPE	APPROX. R/W	REPLACEMENT	NEW	HISTORIC STAMPS	SURVEY MARKER	BARRICADE TYPE	MISC SIGN	DETECTABLE WARNING TILES		SPECIAL DESIGN	COMMENTS / MODIFICATIONS
									STAINLESS STEEL	OTHER		
15		10'	X						X		S	PROTECT IN PLACE TRAFFIC SIGNAL POLE AND ELECTRIC BOXES.
16		10'	X						X		S	PROTECT IN PLACE TRAFFIC SIGNAL POLE AND ELECTRIC BOXES, PROVIDE 8FT WIDE RAMP OPENING.
17		10'	X						X		S	PROTECT IN PLACE TRAFFIC SIGNAL POLE.

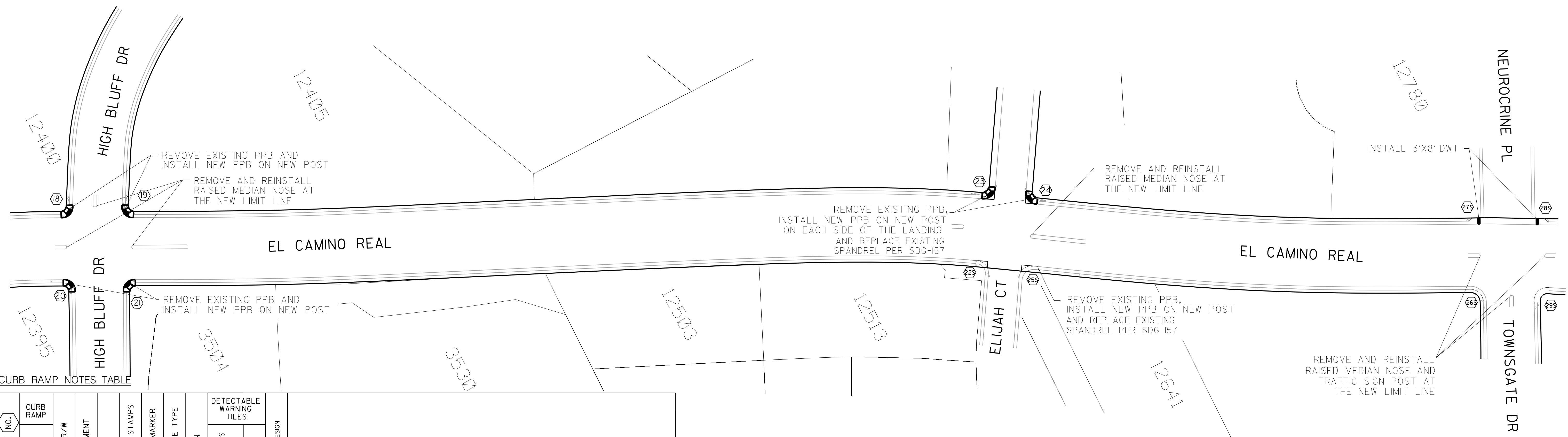
EL CAMINO REAL



CONCRETE QUANTITY SCOPE SHEET
HIGH BLUFF RD
CARMEL MOUNTAIN RD TO DEL MAR HEIGHTS RD

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 06 OF 16 SHEETS

WBS. _____ B-24012 _____



CURB RAMP NOTES TABLE

LOCATION NO.	CURB RAMP TYPE	APPROX. R/W	REPLACEMENT	NEW	HISTORIC STAMPS	SURVEY MARKER	BARRICADE TYPE	MISC SIGN	DETECTABLE WARNING TILES		SPECIAL DESIGN	COMMENTS / MODIFICATIONS
									STAINLESS STEEL	OTHER		
18	AI	10'	X						X			PROTECT IN PLACE TRAFFIC SIGNAL POLE, FIRE HYDRANT AND PROVIDE 8FT WIDE RAMP OPENING.
19	AI	10'	X						X			PROTECT IN PLACE TRAFFIC SIGNAL POLE, STORM DRAIN AND PROVIDE 8FT WIDE RAMP OPENING.
20	AI	10'	X						X			PROTECT IN PLACE TRAFFIC SIGNAL POLE, STORM DRAIN AND PROVIDE 8FT WIDE RAMP OPENING.
21	AI	10'	X						X			PROTECT IN PLACE TRAFFIC SIGNAL POLE, FIRE HYDRANT AND PROVIDE 8FT WIDE RAMP OPENING.
22		10'	X						X	S		PROTECT IN PLACE TRAFFIC SIGNAL POLE, WATER METER BOX AND PROVIDE 8FT WIDE RAMP OPENING.
23	AI	10'	X						X			PROTECT IN PLACE TRAFFIC SIGNAL POLE, ELECTRIC BOXES AND PROVIDE 8FT WIDE RAMP OPENING.
24	AI	10'	X						X			PROTECT IN PLACE TRAFFIC SIGNAL POLE, WATER METER BOX AND PROVIDE 8FT WIDE RAMP OPENING.
25		10'	X						X	S		PROTECT IN PLACE TRAFFIC SIGNAL POLE, ELECTRIC BOXES AND PROVIDE 8FT WIDE RAMP OPENING.
26		10'	X						X	S		PROTECT IN PLACE TRAFFIC SIGNAL POLE.
27		10'	X						X	S		PROTECT IN PLACE TRAFFIC SIGNAL POLE AND ELECTRIC BOXES.
28		10'	X						X	S		PROTECT IN PLACE TRAFFIC SIGNAL POLE AND ELECTRIC BOXES.
29		10'	X						X	S		PROTECT IN PLACE TRAFFIC SIGNAL POLE.

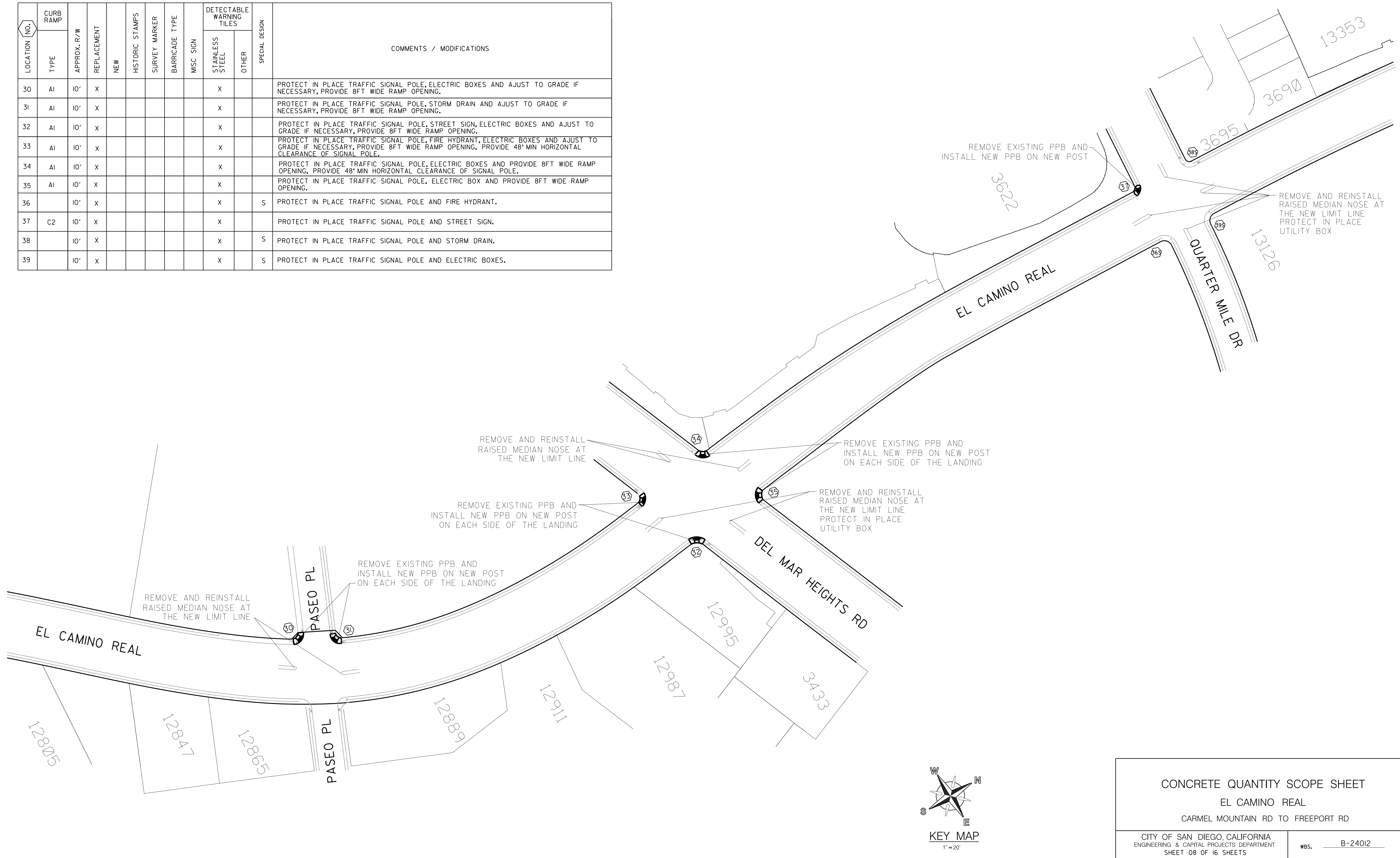


CONCRETE QUANTITY SCOPE SHEET
 EL CAMINO REAL
 HIGH BLUFF DR RD TO NEUROCRINE PL
 CITY OF SAN DIEGO, CALIFORNIA
 ENGINEERING & CAPITAL PROJECTS DEPARTMENT
 SHEET 07 OF 16 SHEETS

WBS. B-24012

CURB RAMP NOTES TABLE

LOCATION NO.	CURB RAMP TYPE	APPROX. R/W	REPLACEMENT	NEW	HISTORIC STAMPS	SURVEY MARKER	BARRICADE TYPE	MISC SIGN	DETECTABLE WARNING TILES		SPECIAL DESIGN	COMMENTS / MODIFICATIONS
									STAINLESS STEEL	OTHER		
30	AI	10'	X						X			PROTECT IN PLACE TRAFFIC SIGNAL POLE, ELECTRIC BOXES AND AJUST TO GRADE IF NECESSARY, PROVIDE 8FT WIDE RAMP OPENING.
31	AI	10'	X						X			PROTECT IN PLACE TRAFFIC SIGNAL POLE, STORM DRAIN AND AJUST TO GRADE IF NECESSARY, PROVIDE 8FT WIDE RAMP OPENING.
32	AI	10'	X						X			PROTECT IN PLACE TRAFFIC SIGNAL POLE, STREET SIGN, ELECTRIC BOXES AND AJUST TO GRADE IF NECESSARY, PROVIDE 8FT WIDE RAMP OPENING.
33	AI	10'	X						X			PROTECT IN PLACE TRAFFIC SIGNAL POLE, FIRE HYDRANT, ELECTRIC BOXES AND AJUST TO GRADE IF NECESSARY, PROVIDE 8FT WIDE RAMP OPENING, PROVIDE 48" MIN HORIZONTAL CLEARANCE OF SIGNAL POLE.
34	AI	10'	X						X			PROTECT IN PLACE TRAFFIC SIGNAL POLE, ELECTRIC BOXES AND PROVIDE 8FT WIDE RAMP OPENING, PROVIDE 48" MIN HORIZONTAL CLEARANCE OF SIGNAL POLE.
35	AI	10'	X						X			PROTECT IN PLACE TRAFFIC SIGNAL POLE, ELECTRIC BOX AND PROVIDE 8FT WIDE RAMP OPENING.
36		10'	X						X	S		PROTECT IN PLACE TRAFFIC SIGNAL POLE AND FIRE HYDRANT.
37	C2	10'	X						X			PROTECT IN PLACE TRAFFIC SIGNAL POLE AND STREET SIGN.
38		10'	X						X	S		PROTECT IN PLACE TRAFFIC SIGNAL POLE AND STORM DRAIN.
39		10'	X						X	S		PROTECT IN PLACE TRAFFIC SIGNAL POLE AND ELECTRIC BOXES.



CONCRETE QUANTITY SCOPE SHEET
 EL CAMINO REAL
 CARMEL MOUNTAIN RD TO FREEPORT RD

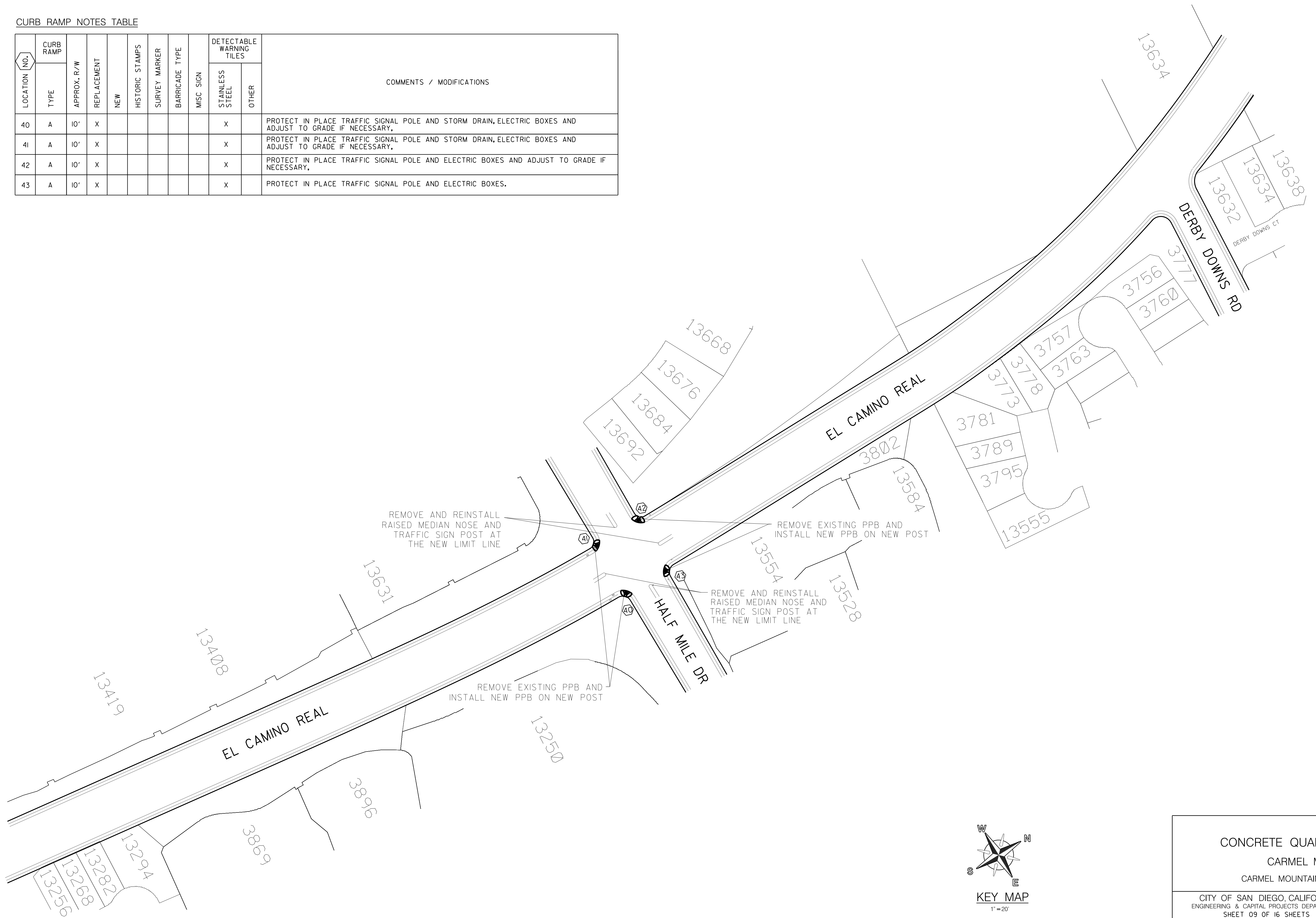
CITY OF SAN DIEGO, CALIFORNIA
 ENGINEERING & CAPITAL PROJECTS DEPARTMENT
 SHEET 08 OF 16 SHEETS

WBS. _____ B-24012 _____

CONCRETE QUANTITY SCOPE SHEET

CURB RAMP NOTES TABLE

LOCATION NO.	CURB RAMP TYPE	APPROX. R/W	REPLACEMENT	NEW	HISTORIC STAMPS	SURVEY MARKER	BARRICADE TYPE	MISC SIGN	DETECTABLE WARNING TILES		COMMENTS / MODIFICATIONS
									STAINLESS STEEL	OTHER	
40	A	10'	X						X		PROTECT IN PLACE TRAFFIC SIGNAL POLE AND STORM DRAIN, ELECTRIC BOXES AND ADJUST TO GRADE IF NECESSARY.
41	A	10'	X						X		PROTECT IN PLACE TRAFFIC SIGNAL POLE AND STORM DRAIN, ELECTRIC BOXES AND ADJUST TO GRADE IF NECESSARY.
42	A	10'	X						X		PROTECT IN PLACE TRAFFIC SIGNAL POLE AND ELECTRIC BOXES AND ADJUST TO GRADE IF NECESSARY.
43	A	10'	X						X		PROTECT IN PLACE TRAFFIC SIGNAL POLE AND ELECTRIC BOXES.

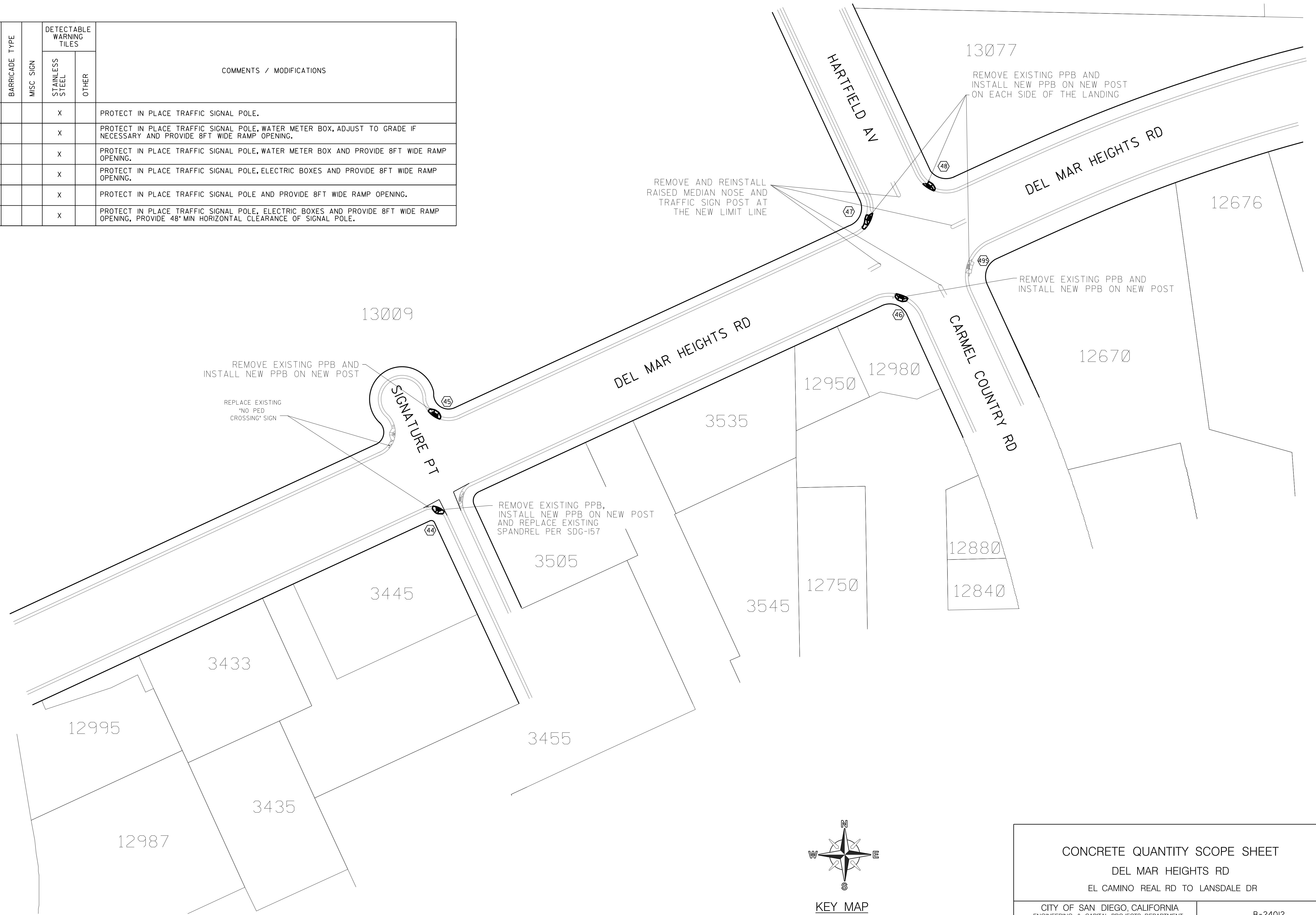


<p>CONCRETE QUANTITY SCOPE SHEET CARMEL MOUNTAIN RD CARMEL MOUNTAIN RD TO FREEPORT RD</p>	
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 09 OF 16 SHEETS	WBS. _____ B-24012 _____

CONCRETE QUANTITY SCOPE SHEET

CURB RAMP NOTES TABLE

LOCATION NO.	CURB RAMP TYPE	APPROX. R/W	REPLACEMENT	NEW	HISTORIC STAMPS	SURVEY MARKER	BARRICADE TYPE	MISC. SIGN	DETECTABLE WARNING TILES		COMMENTS / MODIFICATIONS
									STAINLESS STEEL	OTHER	
44	A	10'	X						X		PROTECT IN PLACE TRAFFIC SIGNAL POLE.
45	A1	10'	X						X		PROTECT IN PLACE TRAFFIC SIGNAL POLE, WATER METER BOX, ADJUST TO GRADE IF NECESSARY AND PROVIDE 8FT WIDE RAMP OPENING.
46	C3	10'	X						X		PROTECT IN PLACE TRAFFIC SIGNAL POLE, WATER METER BOX AND PROVIDE 8FT WIDE RAMP OPENING.
47	C3	10'	X						X		PROTECT IN PLACE TRAFFIC SIGNAL POLE, ELECTRIC BOXES AND PROVIDE 8FT WIDE RAMP OPENING.
48	C3	10'	X						X		PROTECT IN PLACE TRAFFIC SIGNAL POLE AND PROVIDE 8FT WIDE RAMP OPENING.
49	C3	10'	X						X		PROTECT IN PLACE TRAFFIC SIGNAL POLE, ELECTRIC BOXES AND PROVIDE 8FT WIDE RAMP OPENING, PROVIDE 48" MIN HORIZONTAL CLEARANCE OF SIGNAL POLE.



CONCRETE QUANTITY SCOPE SHEET
DEL MAR HEIGHTS RD
 EL CAMINO REAL RD TO LANSDALE DR

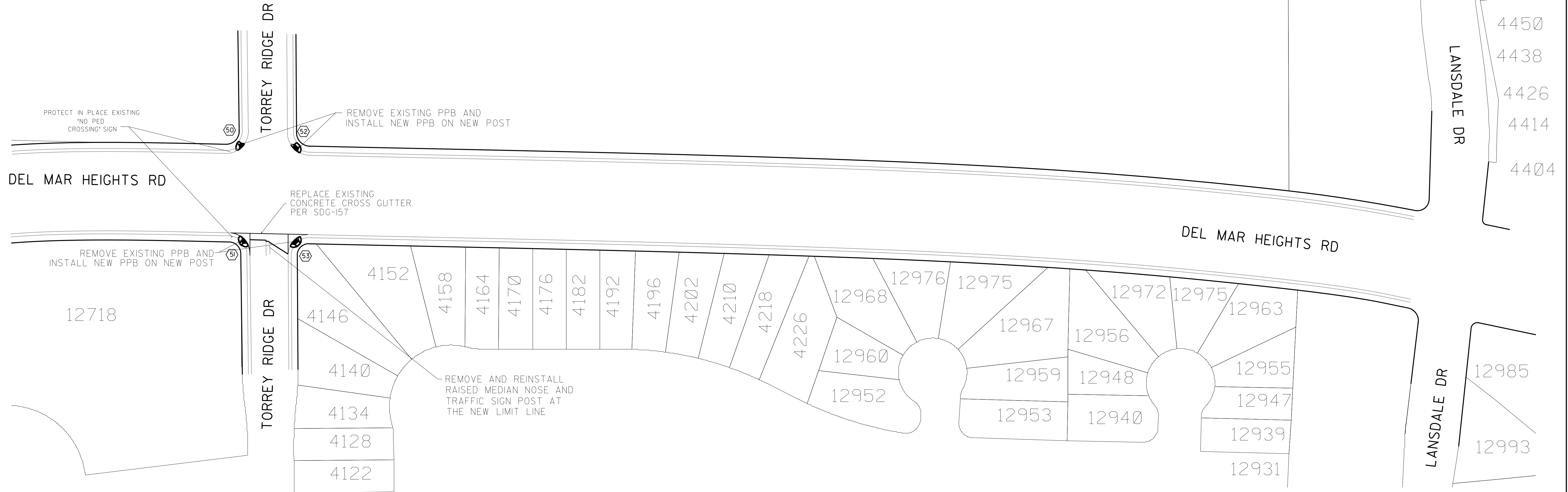
CITY OF SAN DIEGO, CALIFORNIA
 ENGINEERING & CAPITAL PROJECTS DEPARTMENT
 SHEET 10 OF 16 SHEETS

WBS. B-24012

CONCRETE QUANTITY SCOPE SHEET

CURB RAMP NOTES TABLE

LOCATION NO.	CURB RAMP TYPE	APPROX. R/W	REPLACEMENT	NEW	HISTORIC STAMPS	SURVEY MARKER	BARRICADE TYPE	MISC SIGN	DETECTABLE WARNING TILES		COMMENTS / MODIFICATIONS
									STAINLESS STEEL	OTHER	
50	A	10'	X						X		PROTECT IN PLACE TRAFFIC SIGNAL POLE, ELECTRIC BOXES AND ADJUST TO GRADE IF NECESSARY.
51	A	10'	X						X		PROTECT IN PLACE TRAFFIC SIGNAL POLE AND WATER METER BOX.
52	AI	10'	X						X		PROTECT IN PLACE TRAFFIC SIGNAL POLE, ELECTRIC BOXES, ADJUST TO GRADE IF NECESSARY AND PROVIDE 8FT WIDE RAMP OPENING.
53	AI	10'	X						X		PROTECT IN PLACE TRAFFIC SIGNAL POLE, PROVIDE 8FT WIDE RAMP OPENING AND PROVIDE 8FT WIDE RAMP OPENING.



CONCRETE QUANTITY SCOPE SHEET
DEL MAR HEIGHTS RD
EL CAMINO REAL RD TO LANSDALE DR

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 11 OF 16 SHEETS

WBS. B-24012

CONCRETE QUANTITY SCOPE SHEET

LA JOLLA SHORES LN

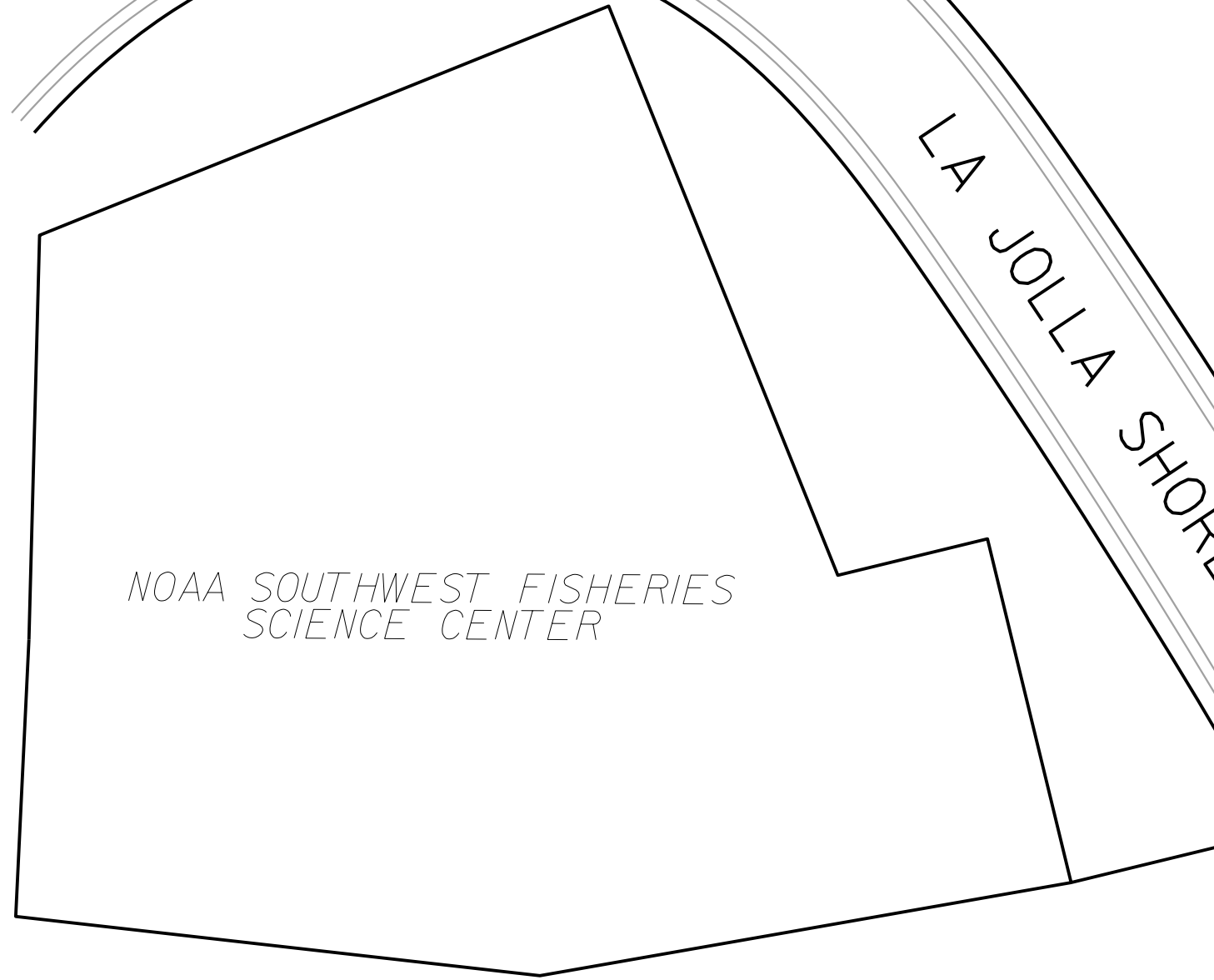
CURB RAMP NOTES TABLE

LOCATION NO.	CURB RAMP TYPE	APPROX. R/W	REPLACEMENT	NEW	HISTORIC STAMPS	SURVEY MARKER	BARRICADE TYPE	MISC SIGN	DETECTABLE WARNING TILES		COMMENTS / MODIFICATIONS
									STAINLESS STEEL	OTHER	
54	D	10'		X						X	PROTECT IN PLACE STREET NAME SIGN POST.
55	D	10'		X						X	PROTECT IN PLACE STREET NAME SIGN POST.

HORIZON WAY

2532

9410



LA JOLLA SHORES DR

UCSD TENNIS COURTS

LA JOLLA SHORES DR

9369

9355

9337

9321

9310

EXISTING V DITCH

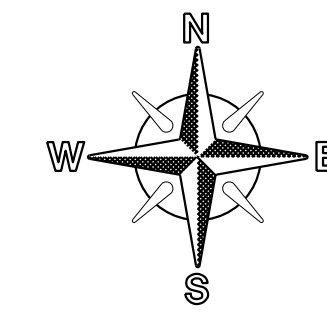
EXISTING TREES

ROAD

PRIVATE

REPLACE EXISTING CONCRETE CROSS GUTTER PER SDG-157

DISCOVERY WAY



KEY MAP

1" = 30'

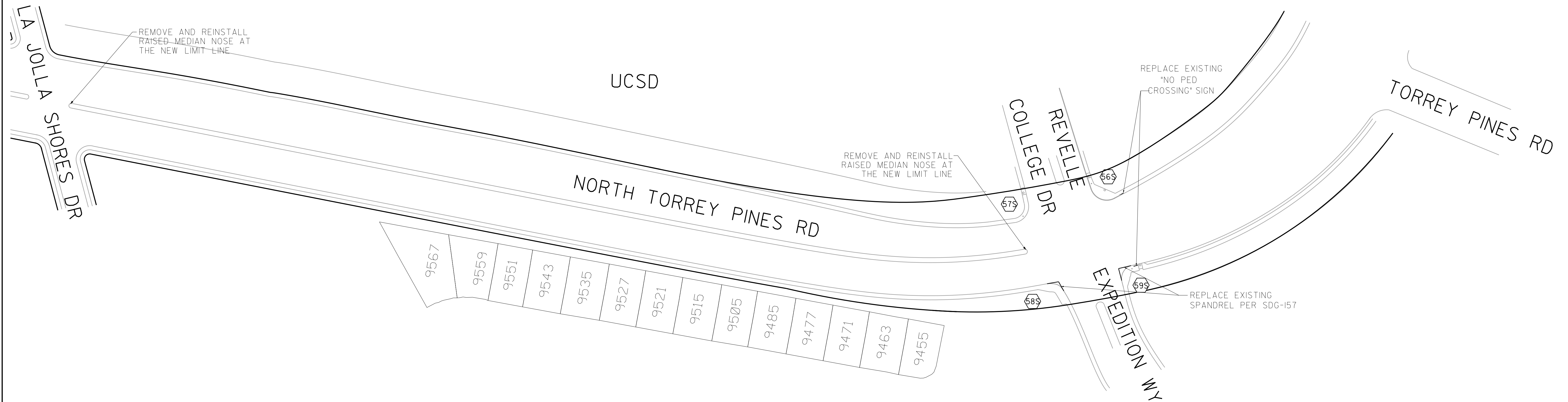
CONCRETE QUANTITY SCOPE SHEET
LA JOLLA SHORES DR
LA JOLLA SHORES LN TO HORIZON WAY

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 12 OF 16 SHEETS

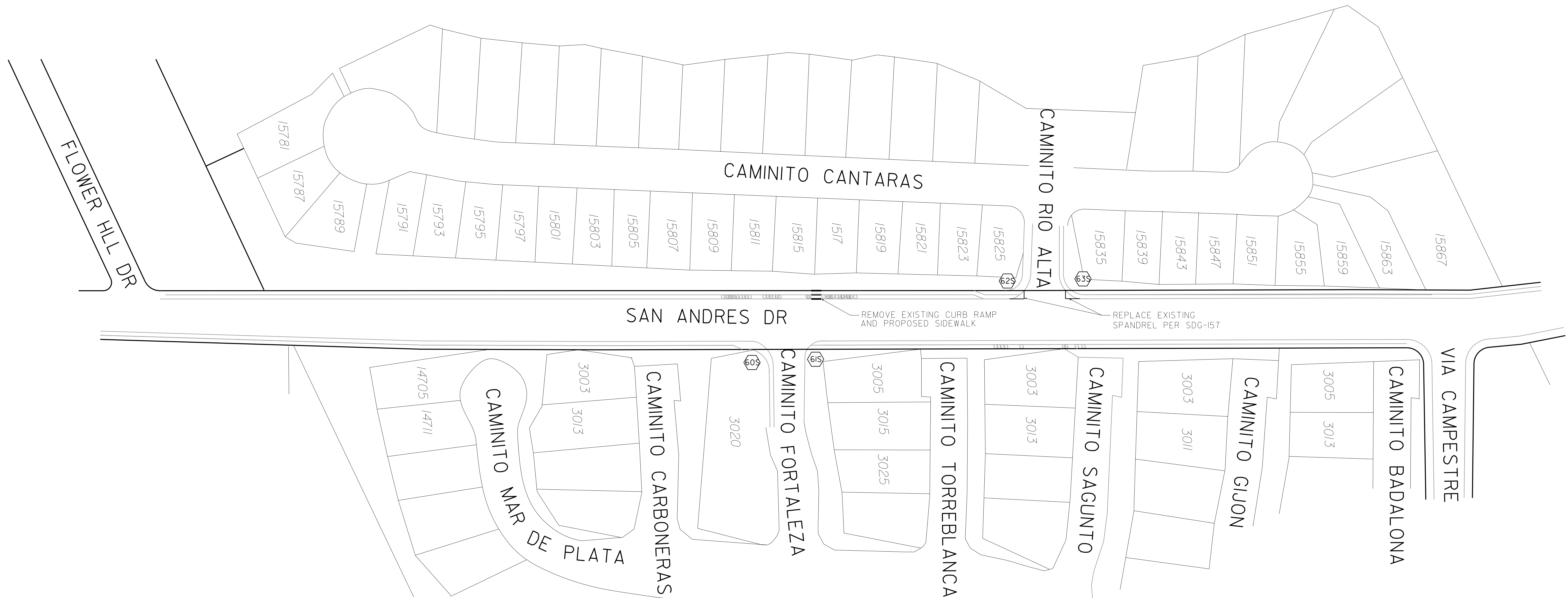
WBS. B-24012

CURB RAMP NOTES TABLE

LOCATION NO.	CURB RAMP TYPE	APPROX. R/W	REPLACEMENT	NEW	HISTORIC STAMPS	SURVEY MARKER	BARRICADE TYPE	MISC SIGN	DETECTABLE WARNING TILES		SPECIAL DESIGN	COMMENTS / MODIFICATIONS
									STAINLESS STEEL	OTHER		
56		34'	X						X		S	PROTECT IN PLACE STREET NAME SIGN POLE.
57		34'	X						X		S	PROTECT IN PLACE TRAFFIC SIGNAL POLE AND TRAFFIC SIGNAL BOX.
58		32'	X						X		S	PROTECT IN PLACE PLACE TRAFFIC SIGNAL POLE AND TRAFFIC SIGNAL BOX.
59		32'	X						X		S	PROTECT IN PLACE PLACE TRAFFIC SIGNAL POLE AND TRAFFIC SIGNAL BOX.



<p>CONCRETE QUANTITY SCOPE SHEET</p> <p>NORTH TORREY PINES RD</p> <p>LA JOLLA SHORES DR TO LA JOLLA SHORES DR</p>	
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 13 OF 16 SHEETS	WBS. _____ B-24012 _____



CURB RAMP NOTES TABLE

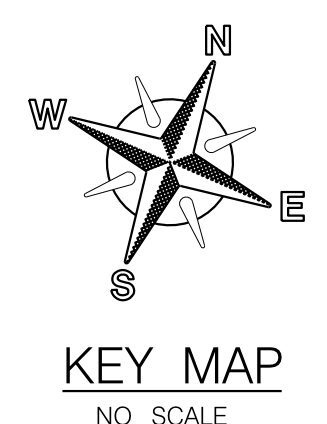
LOCATION NO.	CURB RAMP TYPE	APPROX. R/W	REPLACEMENT	NEW	HISTORIC STAMPS	SURVEY MARKER	BARRICADE TYPE	MISC SIGN	DETECTABLE WARNING TILES		SPECIAL DESIGN	COMMENTS / MODIFICATIONS
									STAINLESS STEEL	OTHER		
60		10'	X						X		S	
61		10'	X						X		S	
62		10'	X						X		S	
63		10'	X						X		S	



CONCRETE QUANTITY SCOPE SHEET SAN ANDRES DR FLOWER HLL DR TO VIA CAMPESTRE	
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 14 OF 16 SHEETS	WBS. <u> </u> B-24012

CURB RAMP NOTES TABLE

LOCATION NO.	CURB RAMP TYPE	APPROX. R/W	REPLACEMENT	NEW	HISTORIC STAMPS	SURVEY MARKER	BARRICADE TYPE	MISC SIGN	DETECTABLE WARNING TILES		SPECIAL DESIGN	COMMENTS / MODIFICATIONS
									STAINLESS STEEL	OTHER		
64	D	10'	X						X			PROTECT IN PLACE ELECTRIC BOXES.
65	D	10'	X						X			PROTECT IN PLACE ELECTRIC BOXES.
66	D	10'	X						X			PROTECT IN PLACE ELECTRIC BOXES.
67		10'	X						X		S	PROTECT IN PLACE TRAFFIC SIGNAL POST.
68		5'	X						X		S	PROTECT IN PLACE ELECTRIC BOXES AND TRAFFIC POST.
69		5'	X						X		S	PROTECT IN PLACE ELECTRIC BOXES AND TRAFFIC POST.
70	D	5'	X						X			PROTECT IN PLACE FIRE HYDRANT.
71	D	5'	X						X			PROTECT IN PLACE UTILITY BOX.
72	C2	10'	X						X			
73	C2	10'		X					X			
74	A	10'	X						X			
75	A	10'		X					X			
76	C2	10'		X					X			PROTECT IN PLACE UTILITY BOX AND STREET LIGHT POLE.
77	C2	10'	X						X			
78	D	10'	X						X			PROTECT IN PLACE UTILITY BOX.
79	D	10'	X						X			



CONCRETE QUANTITY SCOPE SHEET
TWIN TRAILS DR
BLACK MOUNTAIN RD TO PASEO MONTALBAN

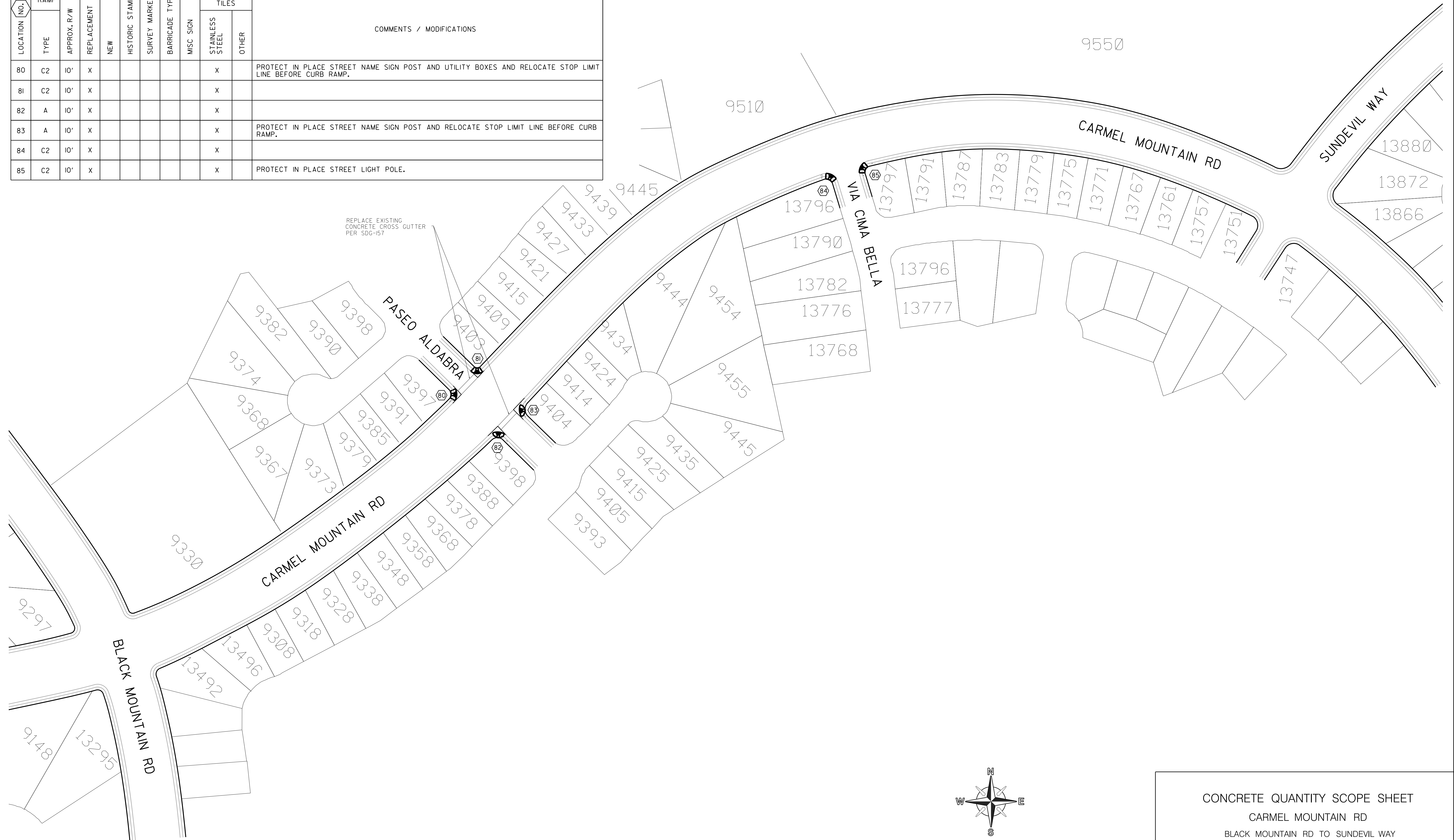
CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 15 OF 16 SHEETS

WBS. B-24012

CONCRETE QUANTITY SCOPE SHEET

CURB RAMP NOTES TABLE

LOCATION NO.	CURB RAMP TYPE	APPROX. R/W	REPLACEMENT	NEW	HISTORIC STAMPS	SURVEY MARKER	BARRICADE TYPE	MISC SIGN	DETECTABLE WARNING TILES		COMMENTS / MODIFICATIONS
									STAINLESS STEEL	OTHER	
80	C2	10'	X						X		PROTECT IN PLACE STREET NAME SIGN POST AND UTILITY BOXES AND RELOCATE STOP LIMIT LINE BEFORE CURB RAMP.
81	C2	10'	X						X		
82	A	10'	X						X		
83	A	10'	X						X		PROTECT IN PLACE STREET NAME SIGN POST AND RELOCATE STOP LIMIT LINE BEFORE CURB RAMP.
84	C2	10'	X						X		
85	C2	10'	X						X		PROTECT IN PLACE STREET LIGHT POLE.

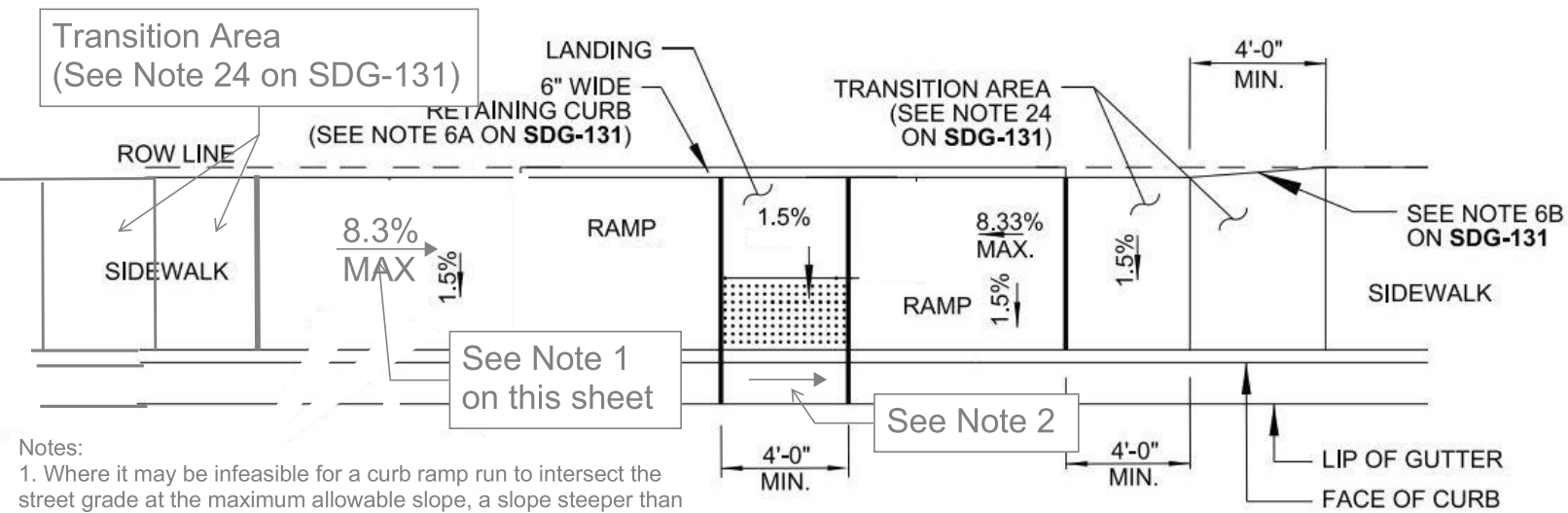


CONCRETE QUANTITY SCOPE SHEET
 CARMEL MOUNTAIN RD
 BLACK MOUNTAIN RD TO SUNDEVIL WAY

CITY OF SAN DIEGO, CALIFORNIA
 ENGINEERING & CAPITAL PROJECTS DEPARTMENT
 SHEET 16 OF 16 SHEETS

WBS. B-24012

CONCRETE QUANTITY SCOPE SHEET

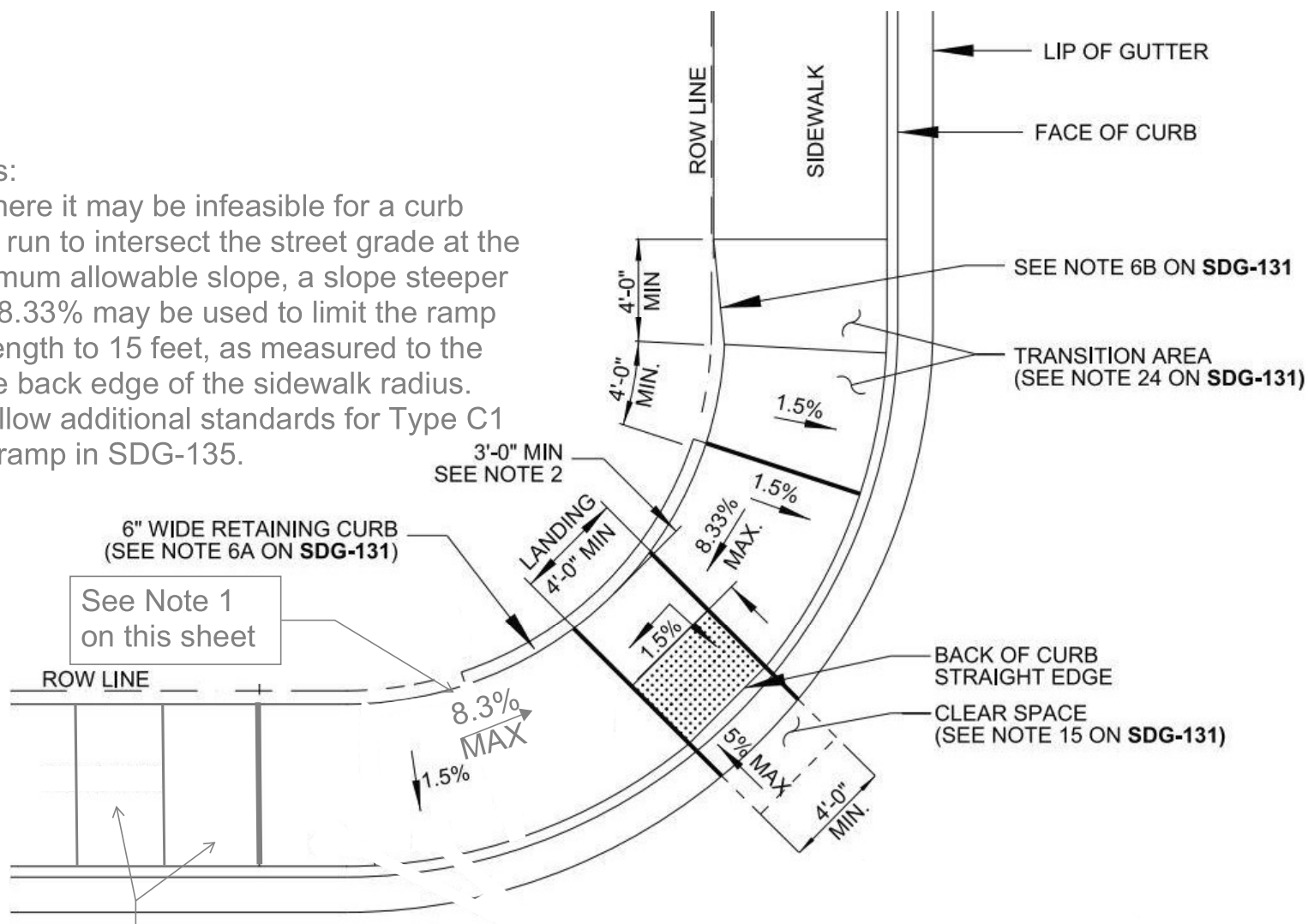


- Notes:
1. Where it may be infeasible for a curb ramp run to intersect the street grade at the maximum allowable slope, a slope steeper than 8.33% may be used to limit the ramp run length to 15 feet, as measured to the inside back edge of the sidewalk radius.
 2. Where it may be infeasible for the running slope across the 4' ramp opening to be 1.5%, a slope steeper than 1.5% may be used by taking the existing running slope percentage minus 3%, with a minimum result of 1.5%.
 3. Follow additional standards for Type C1 curb ramp in SDG-135.

Typical Detail -
Type C1 on Steep Grade
at T-side of Intersection

LEGEND:
 TOOLED JOINT

- Notes:
1. Where it may be infeasible for a curb ramp run to intersect the street grade at the maximum allowable slope, a slope steeper than 8.33% may be used to limit the ramp run length to 15 feet, as measured to the inside back edge of the sidewalk radius.
 2. Follow additional standards for Type C1 curb ramp in SDG-135.

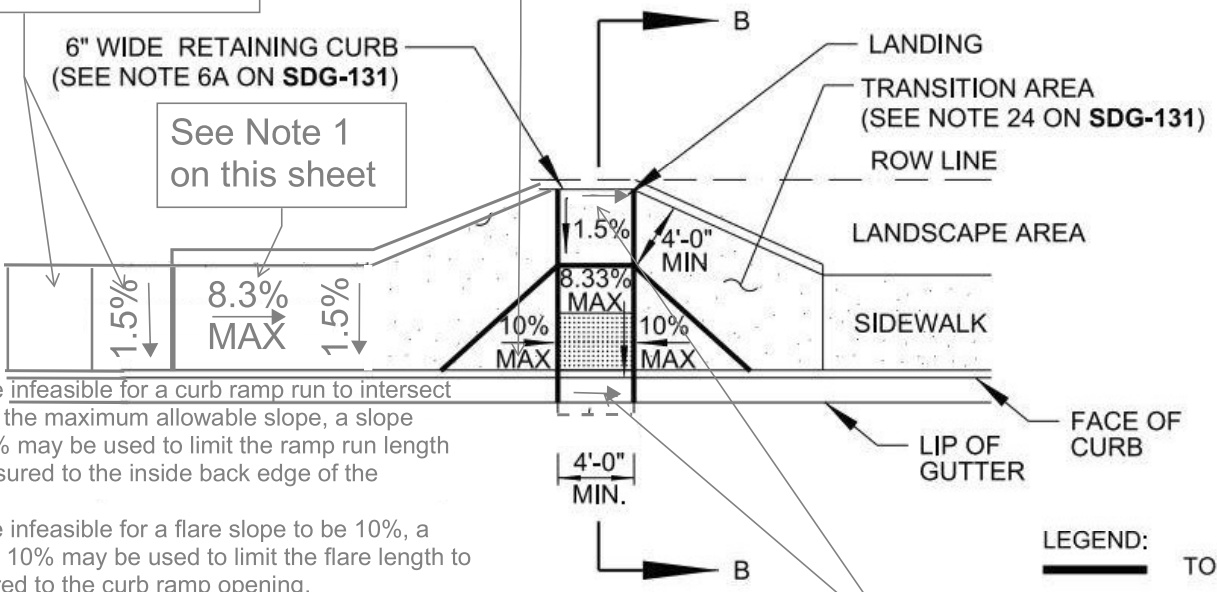


Transition Area
(See Note 24 on SDG-131)

Typical Detail -
Type C1 on Steep Grade
along Curb Return

Transition Area
(See Note 24 on SDG-131)

See Note 2
on this sheet



- Notes:
1. Where it may be infeasible for a curb ramp run to intersect the street grade at the maximum allowable slope, a slope steeper than 8.33% may be used to limit the ramp run length to 15 feet, as measured to the inside back edge of the sidewalk radius.
 2. Where it may be infeasible for a flare slope to be 10%, a slope steeper than 10% may be used to limit the flare length to 10 feet, as measured to the curb ramp opening.
 3. Where it may be infeasible for the running slope across the 4' ramp opening to be 1.5%, a slope steeper than 1.5% may be used by taking the existing running slope percentage minus 3%, with a minimum result of 1.5%.
 4. Follow additional standards for Type C2 curb ramp in SDG-135.

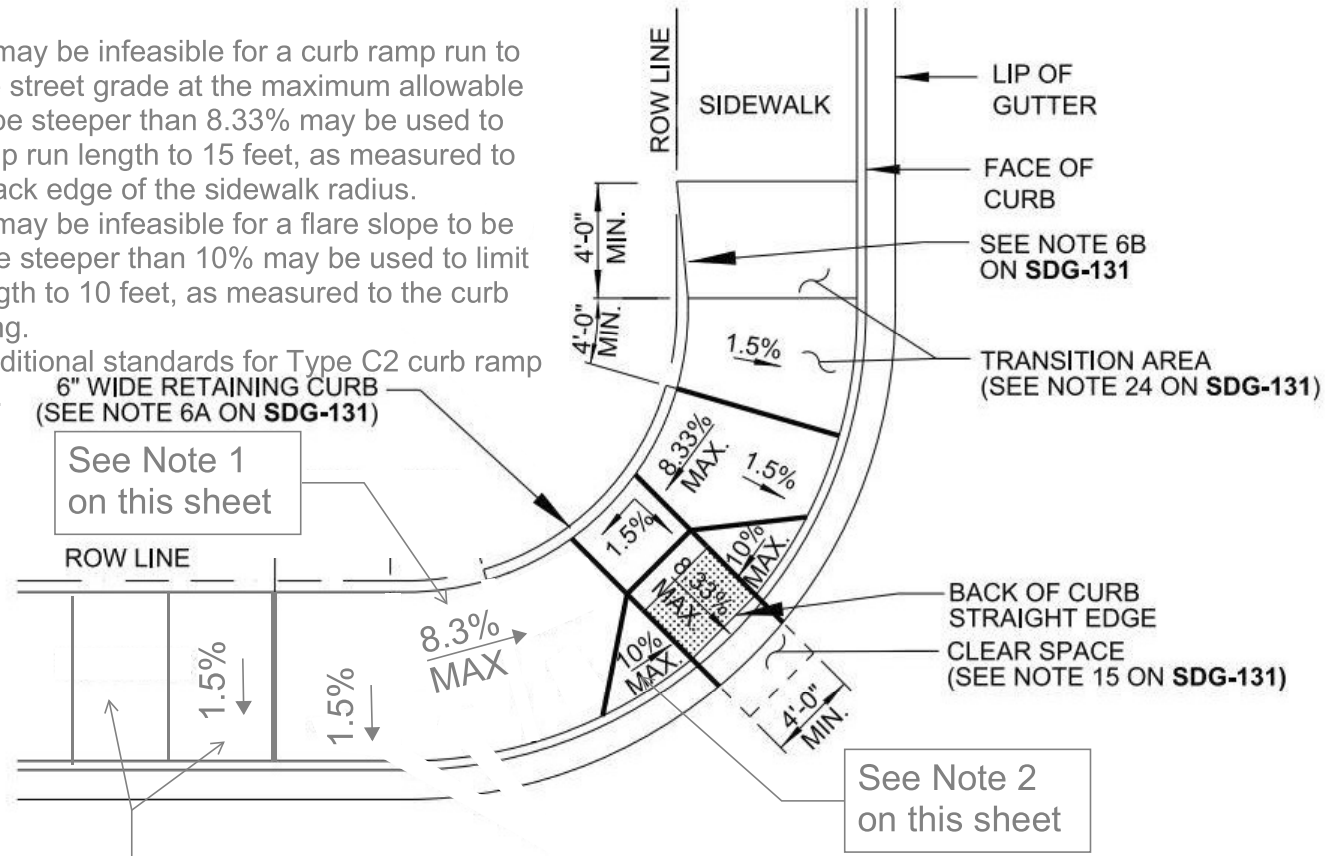
See Note 3
on this sheet

Typical Detail -
Type C2 on Steep Grade
at T-side of Intersection

LEGEND:
TOOLED JOINT

Notes:

1. Where it may be infeasible for a curb ramp run to intersect the street grade at the maximum allowable slope, a slope steeper than 8.33% may be used to limit the ramp run length to 15 feet, as measured to the inside back edge of the sidewalk radius.
2. Where it may be infeasible for a flare slope to be 10%, a slope steeper than 10% may be used to limit the flare length to 10 feet, as measured to the curb ramp opening.
3. Follow additional standards for Type C2 curb ramp in SDG-135.



Transition Area
(See Note 24 on SDG-131)

Typical Detail -
Type C2 on Steep Grade
along Curb Return

LEGEND:
—— TOOLED JOINT

APPENDIX M
ARBORIST TABLE

Arborist Table

SAP ID	Street Name	Cross Street 1	Cross Street 2	Council District	Location	Item Description	Unit	Quantity	Task Comment
SS-020127-PV1	North Torrey Pines Rd	La Jolla Shores Dr	Torrey Pines Rd	1		Root prune	EA	2	22ft x 6 ft Base Repair

APPENDIX N
CORING REPORT

**CITY OF SAN DIEGO
MEMORANDUM**

DATE: December 19, 2023

TO: Solomon Kumbi, Assistant Engineer-Civil, Transportation & Utilities Engineering Division (TUE)

FROM: Randy Encinas, Associate Engineer–Civil, Construction Engineering Support

SUBJECT: Request for Pavement Coring, AC Overlay Group 2402 (B-24012)

Per your memo requesting coring of the existing street pavement to determine the type and thickness of the pavement for the subject project dated October 18, 2023. Our results are as follow:

Core #	LOCATION	AC	PCC	PAVEMENT FABRIC DEPTH	Base Depth/Type	SE	R-Value
1	Del Mar Heights Rd approx 300ft E/O El Camino Real EB lane	5"			CTB		
2	Del Mar Heights Rd approx 50ft E/O Signature Pt WB lane	5"			CTB		
3	Del Mar Heights Rd approx 300ft E/O Signature Pt EB lane	5"			CTB		
4	Del Mar Heights Rd approx 50ft E/O Carmel Counrty Rd WB lane	4"			CTB		
5	Del Mar Heights Rd approx 250ft E/O Carmel Counrty Rd EB lane	5"			CTB		
6	Del Mar Heights Rd approx 300ft W/O Torrey Ridge Rd WB lane	5"			CTB		
7	Del Mar Heights Rd approx 50ft E/O Torrey Ridge Rd WB lane	5"			CTB		
8	Del Mar Heights Rd approx 400ft E/O Torrey Ridge Rd EB lane	5"			CTB		
9	Del Mar Heights Rd approx 1000ft W/O Lansdale Dr WB lane	4 ½"			CTB		

Core #	LOCATION	AC	PCC	PAVEMENT FABRIC DEPTH	Base Depth/Type	SE	R-Value
10	Del Mar Heights Rd approx 400ft W/O Lansdale Dr EB lane	4 ½"			CTB		
11	El Camino Real and Del Mar Hieghts Rd	6 ½"			CTB		
12	El Camino Real approx 250ft S/O Del Mar Heights Rd NB lane	4 ½"			CTB		
13	El Camino Real approx 100ft N/O Donahue Dwy SB lane	11"			CTB		
14	El Camino Real approx 200ft S/O Donahue Dwy NB lane	4 ½"			CTB		
15	El Camino Real approx 100ft N/O Towngate Dr SB lane	5"			CTB		
16	El Camino Real approx 200ft S/O Towngate Dr NB lane	4 ½"			CTB		
17	El Camino Real approx 200ft N/O Elijah Ct	4"			CTB		
18	El Camino Real approx 100ft S/O Elijah Ct NB lane	5 ½"			CTB		
19	El Camino Real approx 500ft S/O Elijah Ct SB lane	4"			CTB		
20	El Camino Real approx 300ft N/O High Bluff Dr NB lane	4"			CTB		
21	El Camino Real approx 100ft N/O High Bluff Dr SB lane	4"			CTB		
22	12481 High Bluff Dr NB lane	4"			CTB		
23	12526 High Bluff Dr SB lane	4"			CTB		
24	12555 High Bluff Dr NB lane	3 ½"			CTB		
25	12626 High Bluff Dr SB lane	4"			CTB		

Core #	LOCATION	AC	PCC	PAVEMENT FABRIC DEPTH	Base Depth/Type	SE	R-Value
26	12707 High Bluff Dr NB lane	4"			CTB		
27	12750 High Bluff Dr SB lane	4"			CTB		
28	12770 High Bluff Dr NB lane	4"			CTB		
29	High Bluff Dr approx 200ft S/O Del Mar Heights Rd NB lane	3 ½"			CTB		
30	El Caminio Real approx 100ft S/O Derby Downs Rd NB lane	5"			CTB		
31	El Caminio Real approx 550ft S/O Derby Downs Rd SB lane	4 ½"			CTB		
32	El Caminio Real approx 100ft N/O Half Mile Dr SB lane	4 ½"			CTB		
33	El Caminio Real approx 100ft S/O Half Mile Dr NB lane	5"			CTB		
34	El Caminio Real approx 400ft S/O Half Mile Dr SB lane	4 ½"			CTB		
35	El Caminio Real approx 100ft N/O Quarter Mile Dr SB lane	4 ½"			CTB		
36	El Caminio Real approx 500ft N/O Quarter Mile Dr NB lane	4"			CTB		
37	El Caminio Real approx 100ft N/O Quarter Mile Dr SB lane	4 ½"			CTB		
38	El Caminio Real approx 300ft S/O Quarter Mile Dr SB lane	4 ½"			CTB		
39	El Caminio Real approx 350ft N/O Del Mar Heights Rd NB lane	4"			CTB		
40	7630 Fay Ave	2"	9"		No Base		
41	7580 Fay Ave	7"			Recycled Class 2 Base		

Core #	LOCATION	AC	PCC	PAVEMENT FABRIC DEPTH	Base Depth/Type	SE	R-Value
42	7517 Fay Ave	4"	14"		No Base		
43	La Jolla Shores Dr & La Jolla Shores Ln WB lane	5"			Recycled Class 2 Base		
44	La Jolla Shores Dr approx 400ft E/O La Jolla Shores Ln	5"			Recycled Class 2 Base		
45	La Jolla Shores Dr & Discovery Wy	5"			Recycled Class 2 Base		
46	La Jolla Shores Dr approx 600ft S/O Horizon Wy	5"			Recycled Class 2 Base		
47	La Jolla Shores Dr approx 20ft W/O Horizon Wy	4 ¼"			Recycled Class 2 Base		
48	North Torrey Pines Dr approx 115ft S/O La Jolla Shores Dr NB lane	10"			No Base		
49	North Torrey Pines Dr approx 400ft S/O La Jolla Shores Dr SB lane	4 ½"			6" Yellow Fill with gravel		
50	North Torrey Pines Dr approx 600ft S/O La Jolla Shores Dr NB lane	5"			Recycled Class 2 Base		
51	North Torrey Pines Rd approx 150ft N/O Expedition Wy SB lane	4"			Recycled Class 2 Base		
52	North Torrey Pines Rd approx 120ft S/O Expedition Wy NB lane	3"	8"		No Base		
53	North Torrey Pines Rd approx 130ft N/O La Jolla Village Dr	4"			CTB		
54	San Andres Dr. approx 200ft S/O Via Campestre	6"	7"		No Base		
55	San Andres Dr. approx 500ft S/O Via Campestre	4"			CTB		
56	San Andres Dr. approx 300ft S/O Caminito Fortaleza	6 ½"			CTB		
57	15770 San Andres Dr.	3 ½"	7"		No Base		

Core #	LOCATION	AC	PCC	PAVEMENT FABRIC DEPTH	Base Depth/Type	SE	R-Value
58	Carmel Mountain Rd approx 50ft E/O Paseo Cardiel WB lane	6"			Class 2 Base		
59	Carmel Mountain Rd approx 200ft W/O Paseo Cardiel EB lane	4 ½"			Class 2 Base		
60	Carmel Mountain Rd approx 100ft E/O Rancho Penasquitos Rd WB lane	6"			Class 2 Base		
61	Carmel Mountain Rd approx 50ft W/O Freeport Rd EB lane	4"			Class 2 Base		
62	Carmel Mountain Rd approx 50ft W/O Freeport Rd WB lane	4"			Class 2 Base		
63	Carmel Mountain Rd approx 900ft E/O Freeport Rd EB lane	3"	8"		No Base		
64	Carmel Mountain Rd approx 11300ft E/O Freeport Rd WB lane	4"			Class 2 Base		
65	Carmel Mountain Rd approx 1250ft W/O Stoney Creek Rd EB lane	4 ½"			Class 2 Base		
66	Carmel Mountain Rd approx 1000ft W/O Stoney Creek Rd WB lane	3 ¼"			Class 2 Base		
67	Carmel Mountain Rd approx 225ft W/O Stoney Creek Rd EB lane	7 ½"			Class 2 Base		
68	Carmel Mountain Rd approx 50ft W/O Stoney Creek Rd WB lane	3"			Class 2 Base		
69	Carmel Mountain Rd and Stoney Creek Rd	14 ½"			Class 2 Base		
70	Carmel Mountain Rd approx 300ft E/O Stoney Creek Rd EB lane	4"			Class 2 Base		
71	Carmel Mountain Rd approx 600ft E/O Stoney Creek Rd WB lane	4"			Class 2 Base		
72	Carmel Mountain Rd approx 200ft W/O Via Rimini WB lane	4"			Class 2 Base		
73	Carmel Mountain Rd approx 150ft E/O Via Rimini EB lane	4"			Class 2 Base		

Core #	LOCATION	AC	PCC	PAVEMENT FABRIC DEPTH	Base Depth/Type	SE	R-Value
74	Carmel Mountain Rd approx 300ft E/O Via Rimini WB lane	3 ¼"			Class 2 Base		
75	Carmel Mountain Rd approx 600ft E/O Via Rimini EB lane	3 ¼"			Class 2 Base		
76	Carmel Mountain Rd approx 15ft E/O Via San Marco WB lane	3 ¼"			Class 2 Base		
77	Carmel Mountain Rd approx 50ft W/O Cuca St EB lane	3 ¼"			Class 2 Base		
78	Carmel Mountain Rd approx 50ft E/O Cuca St WB lane	5"			Class 2 Base		
79	Carmel Mountain Rd and Shane Wy	5'			Class 2 Base		
80	Carmel Mountain Rd approx 50ft W/O Gerana St WB lane	5"			Class 2 Base		
81	9330 Carmel Mountain Rd	5"			CTB		
82	Carmel Mountain Rd approx 50ft W/O Paseo Aldabra EB lane	5 ½"			CTB		
83	Carmel Mountain Rd approx 75ft E/O Paseo Aldabra WB lane	6"			CTB		
84	Carmel Mountain Rd approx 350ft E/O Paseo Aldabra EB lane	6"			CTB		
85	Carmel Mountain Rd approx 100ft E/O Via Cima Bella WB Lane	6"			CTB		
86	Carmel Mountain Rd approx 150ft W/O Sundevil Wy EB lane	6 ½"			CTB		
87	Twin Trails Dr approx 150ft S/O Paseo Montalban NB lane	4"			CTB		
88	Twins Trails Dr approx 50ft N/O Fairgrove Ln SB lane	4"			CTB		
89	9454 Twin Trails Dr	4"			CTB		

Core #	LOCATION	AC	PCC	PAVEMENT FABRIC DEPTH	Base Depth/Type	SE	R-Value
90	9378 Twin Trails Dr	4"			CTB		
91	9302 Twin Trails Dr	4"			8" CTB	9	Less than 5
92	Twins Trails Dr approx 50ft N/O Fairgrove Ln SB lane	4"			CTB		

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

Randy Encinas

Cc: File
Rimon Zaky

APPENDIX O
COASTAL DEVELOPMENT PERMIT EXEMPTION

CALIFORNIA COASTAL COMMISSION

SAN DIEGO DISTRICT OFFICE
7575 METROPOLITAN DRIVE, SUITE 103
SAN DIEGO, CA 92108-4402
VOICE (619) 767-2370
FAX (619) 767-2384



6-24-0076-X

EXEMPTION LETTER

DATE: May 10, 2024

NAME: Eriberto Valdez
City of San Diego Engineering and Capital Projects Dept.
525 B Street Suite 750
San Diego, CA 92101

LOCATION: Within public right-of-way on Sam Andres Drive between Via Campestre and Flower Hill Drive, La Jolla Shores Drive between Horizon Way and La Jolla Shores Lane, and North Torrey Pines Road between Azul Street and Torrey Pines Road.

PROJECT: Overlay approx. 0.90-mile of existing roadway with asphalt concrete pavement and make necessary sub-grade repairs, replace curb ramps, sidewalks, and adjoining curbs and gutters to comply with Americans with Disability Act requirements. No street trees, vehicle lanes, bike lanes, or public parking will be removed.

This is to certify that this location and/or proposed project has been reviewed by the staff of the Coastal Commission. A coastal development permit is not necessary for the reasons checked below.

- The site is not located within the coastal zone as established by the California Coastal Act of 1976, as amended.
- The proposed development is included in Categorical Exclusion No. adopted by the California Coastal Commission.
- The proposed development is judged to be repair or maintenance activity not resulting in an addition to or enlargement or expansion of the object of such activities (Section 30610(d) of the Coastal Act).
- The proposed development is an improvement to an existing single-family residence (Section 30610(a) of the Coastal Act) and not located in the area between the sea and the first public road or within 300 feet of the inland extent of any beach (whichever is greater) (Section 13250(b)(4) of the 14 Cal. Admin. Code.
- The proposed development is an improvement to an existing single-family residence and is located in the area between the sea and the first public road or within 300 feet of the inland extent of any beach (whichever is greater) but is not a) an increase of 10% or more of internal floor area, b) an increase in height over 10%, or c) a significant
(over)

non-attached structure (Sections 30610(a) of the Coastal Act and Section 13250(b)(4) of Administrative Regulations).

The proposed development is an interior modification to an existing use with no change in the density or intensity of use (Section 30106 of the Coastal Act).

The proposed development involves the installation, testing and placement in service of a necessary utility connection between an existing service facility and development approved in accordance with coastal development permit requirements, pursuant to Coastal Act Section 30610(f).

The proposed development is an improvement to a structure other than a single-family residence or public works facility and is not subject to a permit requirement (Section 13253 of Administrative Regulations).

The proposed development is the rebuilding of a structure, other than a public works facility, destroyed by natural disaster. The replacement conforms to all of the requirements of Coastal Act Section 30610(g).

Other:

Please be advised that only the project described above is exempt from the permit requirements of the Coastal Act. Any change in the above project may cause it to lose its exempt status. This certification is based on information provided by the recipient of this letter. If, at a later date, this information is found to be incorrect or incomplete, this letter will become invalid, and any development occurring at that time must cease until a coastal development permit is obtained.

Sincerely,



By: Alexander Llerandi

Title: Coastal Planner

ATTACHMENT F

**IN-USE OFF-ROAD DIESEL FUELED FLEET REGULATION (OFF-ROAD REGULATION)
COMPLIANCE (CARB)**

ATTACHMENT F

IN-USE OFF-ROAD DIESEL FUELED FLEET REGULATION (OFF-ROAD REGULATION) COMPLIANCE

The California Air Resources Board (CARB) approved amendments to the Off-Road Regulations which can be found at 13 California Code of Regulations (CCR) sections 2449, 2449.1, and 2449.2. These amendments apply to any person, business, or government agency who owns or operates within California any vehicles with a diesel-fueled or alternative diesel fueled off-road compression-ignition engine with maximum power (max hp) of 25 horsepower (hp) or greater provided that the vehicle cannot be registered and driven safely on-road or was not designed to be driven on-road, even if it has been modified so that it can be driven safely on-road. See 13 CCR section 2449 (b) for the full list of vehicles covered by these Off-Road Regulations.

Beginning **January 1, 2024**, Contractor shall be subject to the requirements below. No Contractor or public works awarding body, as applicable, shall enter into a contract with a fleet for which it does not have a valid Certificate of Reported Compliance for the fleet and its listed subcontractors, if applicable, prior to entering into a new or renewed contract with that fleet. Contractor shall comply with the following requirements:

- (1) For a project involving the use of vehicles subject to the Off-Road Regulation, Contractor must obtain copies of the valid Certificates of Reported Compliance, as described in 13 CCR section 2449(n), for the fleet selected for this Contract and their listed subcontractors, if applicable, prior to entering into a new or renewed contract with that fleet and provide copies of such Certificates of Reported Compliance to the City within 10 days of issuance of the Notice of Intent to Award letter. Contractor shall enter into a contract with a fleet for which it does not have a valid Certificates of Reported Compliance for the fleet and its listed subcontractors. City shall not enter into a contract with Contractor until all current Certificates of Reported Compliance for the fleet to be used on this Project are provided by Contractor.
- (2) The Certificates of Reported Compliance received by Contractor for this Project must be retained by Contractor for three years after the Project's completion. Upon request by CARB, these records must be provided to CARB within five business days of the request. Additionally, upon request by City, these records must be produced to City within five business days of the request.
- (3) For emergency contracts that meet the definition of "emergency operations" as defined in 13 CCR section 2449(c)(18), they are exempt from the requirements in 13 CCR section 2449(i)(1)-(3) and sections (1) and (2) above, but must still retain records verifying vehicles subject to the regulation that are operating on the "emergency operations" project are actually being operated on the project for "emergency operations" only. These records, as described in more detail below in section (B) must be retained by Contractor for three years after completion of the Project and upon request from either CARB or the City, Contractor shall provide those records to the requesting party within five business days. All other emergency contracts that do not meet the definition of "emergency operations" must comply with the requirements above and 13 CCR section 2449(i)(1) - (3).

- A. "Emergency Operations" is defined as:
1. Any activity for a project conducted during emergency, life threatening situations, where a sudden, unexpected occurrence that poses a clear and imminent danger, requiring immediate action to prevent or mitigate the loss or impairment of life, health, property, or an essential public service; or in conjunction with any officially declared disaster or state of emergency, as declared by an authorized health officer, agricultural commissioner, fire protection officer, or other authorized health officer;
 2. Any activity for a project conducted by essential service utilities to provide electricity, natural gas, telephone, water, or sewer during periods of service outages and emergency; or
 3. Operations including repairing or preventing damage to roads, buildings, terrain, and infrastructure as a result of an earthquake, flood, storm, fire, other infrequent act of nature, or terrorism. Routine maintenance or construction to prevent public health risks does not constitute emergency operations under the Off-Road Regulations.
- B. The records retained by Contractor for "emergency operations" projects must include:
1. A description of the emergency;
 2. The address or a description of the specific location of the emergency;
 3. The dates on which the emergency operations were performed; and
 4. An attestation by the fleet that the vehicles are operated on the Project for "emergency operations" only.

Beginning **January 1, 2024**, Contractor is also subject to the requirements described in 13 CCR section 2449(j).

- (1) Between March 1 and June 1 of each year, Contractor must collect new valid Certificates of Reported Compliance for the current compliance year, as defined in 13 CCR section 2449(n), from all fleets that have an ongoing contract with Contractor as of March 1 of that year. Contractors shall not write contracts to evade this requirement.
- (2) Contractor shall only allow fleets with valid Certificates of Reported Compliance on the Contractor's job sites.
- (3) If Contractor discovers that any fleet intending to operate vehicles subject to this regulation for Contractor does not have a valid Certificate of Reported Compliance, as defined in 13 CCR section 2449(n), or if Contractor observes any noncompliant vehicles subject to the regulation on Contractor's job site, then Contractor must report the that to CARB at <https://calepacomplaints.secure.force.com/complaints/Complaint>, or email dieselcomplaints@arb.ca.gov, for each fleet without a valid Certificate of Reported Compliance or each noncompliant vehicle, as applicable, within five business days of such discovery. See 13 CCR 2449(n) for the information required to be disclosed to CARB when reporting non-compliance.
- (4) Upon request by CARB, Contractor must immediately disclose to CARB the name and contact information of each responsible party for all vehicles subject to this regulation operating at the job site or for Contractor.

(5) Contractor shall prominently display signage for any project where vehicles subject to this Off-Road Regulation will operate for 8 calendar days or more. The signage must be posted by the eighth calendar day from which the first vehicle operates. The signage will be in lettering larger than size 14-point type and displayed in a conspicuous place where notices to employees are customarily posted at the job site or where there is employee foot traffic. If one of the above locations is also viewable by the public, it should be posted at that location. An exemption to this posting requirement is permitted if the operational time of a project is 7 calendar days or less. The signage must include the following language, verbatim:

(A) Who does the In-Use Off-Road Regulation Apply to?

The In-Use Off-Road Diesel-Fueled Fleets Regulation (Off-Road Regulation) applies to all self-propelled off-road diesel vehicles 25 horsepower or greater and most two-engine vehicles (except on-road two-engine sweepers) owned or operated in California. This includes vehicles that are rented or leased (rental or leased fleets)."

(B) "In-Use Off-Road Regulation Requirements

Idling Limit: Vehicles cannot idle longer than five minutes. There are exceptions for vehicles that need to idle to perform work.

Labeling: Vehicles must be labeled with a CARB assigned equipment identification number (EIN). The EIN shall be white on a red background, unless the vehicle is part of a captive attainment area fleet, in which case the EIN shall be white on a green background.

The EIN shall be located in clear view on both sides of the outside of the vehicle."

ATTACHMENT G
EVALUATION AND SELECTION CRITERIA

EVALUATION AND SELECTION CRITERIA

Proposals will be ranked according to the criteria described below:

1. Proposer Exceptions to this RFP – Pass / Fail

- 1.1. If the Proposer takes exception to any portion of the contract terms, the Proposer must identify and explain to the City in writing the basis for the exception. The Proposer must submit any claimed exception a minimum of 10 calendar days prior to the due date for submission of Proposals. Exceptions taken after the submission period for this RFP may be cause for rejection of the Proposal as being **non-responsive**.

2. Summary of Proposal (5 Points Max)

- 2.1. Each Proposer must submit a one to two page summary of its Proposal.

3. Project Team (5 Points Max)

- 3.1. Describe the proposed management plan for this Project. Describe the qualifications of key proposed construction and technical personnel, and subcontractors, from applicable fields including the following:
 - 3.1.1. Civil
 - 3.1.2. Structural

4. Technical Approach and Design Concept (30 Points Max)

- 4.1. Describe in detail the proposed design concept for this Project. Include detailed descriptions, conceptual design drawings, schematics, a list of major equipment, and any other information deemed necessary to allow the City to make an informed evaluation of the Proposer's technical approach. The completeness and technical merit of the design concept will be evaluated.

The following elements shall be included in this Technical Proposal:

- 4.1.1. The City will select a Proposer that will offer the best value for the design and construction per the scope shown in Attachment "A" and the requirements of this contract. The Work and Services required of the Proposer include those during design, construction, and startup of the Project. The Proposer shall provide all management, supervision, labor, services, temporary services, equipment, tools, supplies, and any other item of every kind and description required for the complete design and construction, of the Project, as described in Attachment 'A'.
- 4.1.2. The Project Manager will assemble a team which will evaluate the proposals and utilize the point system described below to rank the Proposer. The

Proposers will be notified in writing of the City's final decision. Selection of the Proposer will be based on the following criteria:

- 4.1.2.1. Proposed Design Schedule: Outline the proposed design schedule, including sequencing of each major design component (100%, Final Design) and proposed durations.
- 4.1.2.2. Traffic Control Approach – The Design-Builder shall describe its general approach to developing a traffic control and local access management plan (Traffic Control Plan).
- 4.1.2.3 Curb Ramp Design and Evaluation Approach. The Design-Builder shall describe its general approach to completing the curb ramp design associated with this project.
- 4.1.2.4. Storm Water Pollution Control Best Management Practices
- 4.1.2.5. Quality Assurance/Quality Control Plan (QA/QC Plan) – The DesignBuilder shall submit a QA/QC Plan specifically developed for this project.

5. Construction Plan (30 Points Max)

- 5.1. Describe the proposed construction plan for this Project, including the following, at a minimum:
 - 5.1.1. Construction approach and methods
 - 5.1.2. Plan for operation of facility during construction
 - 5.1.3. Plan for phasing of construction activities
 - 5.1.4. General plan for functional testing and start-up.
 - 5.1.5. Proposed safety program
 - 5.1.6. Proposed emergency response plan
 - 5.1.7. Proposed construction schedule
 - 5.1.8. Traffic Control Management
 - 5.1.9. Community Impact

6. Equal Opportunity Contracting Program (25 Points Max)

- 6.1. Failure to submit the required EOCP information will result in Proposal being determined as **non-responsive**.

6.2. Subcontractor Documentation

6.2.1. The points will be awarded according to the chart below, based upon actual subcontract award amounts, as set forth in the price proposals.

OUTCOME		MAXIMUM POSSIBLE POINTS
1	5% - 9% participation SLBE, ELBE or DVBE	5
2	10%-14% participation SLBE, ELBE or DVBE	10
3	15%-19% participation SLBE, ELBE or DVBE	15
4	20%-24% participation SLBE, ELBE or DVBE	20
5	25% participation SLBE, ELBE or DVBE	25
In no case the points shall exceed 25.		

7. Reference Checks (5 Points Max)

7.1. Provide a minimum of 2 references

TOTAL POINTS: 100

8. Review of Technical Proposal

8.1. Following the receipt of the Technical Proposal, the City anticipates allotting 2 weeks for review of the Technical Proposals.

9. Final Selection Based on Weighted Criteria

9.1. Based on the Design-Builders’ Proposals and any follow-up presentations, and using the Project’s Evaluation Criteria, the Panel will continue to rank the Design-Builder’s Proposals by determining an overall score which shall be calculated as follows:

9.2. A maximum of 60 points will be assigned for the Contract Price as proposed. The lowest total Contract Price of all the Proposals that meet the requirements of this RFP will receive the maximum assigned points to this category. The other Price Proposals will be scored based on how much higher their total Contract Prices compare to the lowest:

$$\left(1 - \frac{(\text{Contract Price} - \text{Lowest Contract Price})}{(\text{Lowest Contract Price})}\right) \times \text{Max Pts} = \text{Pts Rcvd}$$

- 9.3. A maximum of 40 points will be assigned for the qualitative criteria described in the RFP. All Proposals shall receive scores based on 40 times the average of the composite ratings provided by the Panel.
- 9.4. The Selected Design-Builder will be the team with the highest total score earned. Design-Builders will be notified in writing of the City's final decision.
- 9.5. For example, if the lowest total Contract Price of all proposals is \$100, that Proposal would receive the maximum allowable points for the price category. If the total Contract Price of another proposal is \$105 and the maximum allowable points is 80 points, then that Proposal would receive $(1 - ((105 - 100) / 100)) \times 80 = 76$ points, or 95% of the maximum points. The lowest score a Proposal can receive for this category is zero points - the score cannot be a negative number. The below example using the same 80/20 split illustrates the calculation outcomes with Firm A winning the competition even though Firm A did not have the highest rated proposal or the lowest price:

Firm	Avg. Composite Rating	Qualitative Score (20Max)	Price Proposal	Price Score (80 Max)	Total Score (100 Max)
A	85.00	17.00	\$105	76.00	93.00
B	88.00	17.60	\$130	56.00	73.60
C	50.00	14.60	\$100	80.00	90.00
Note: All figures will be rounded off to two decimal places.					

ATTACHMENT H
PRICE FORMS

PRICE PROPOSAL FORMS

The Design-Builder agrees to the design and construction of **AC Overlay Group 2402**, for the City of San Diego, in accordance with these contract documents for the lump sum price listed below. The Design-Builder guarantees the proposed prices for a period of 120 Days from the date Proposals are due. The duration of the price guarantee may be extended as required by mutual consent.

Item No.	NAICS CODE	Description	Quantity	D*	Unit	Unit Price	Extension
BASE PROPOSAL							
1	524126	Bonds (Payment and Performance)	1		LS		\$ 10,000.00
2	237310	Caltrans Encroachment Permit Submittal (EOC Type I)	1	D	AL		\$25,000.00
3	541820	Exclusive Community Liaison Services	1		LS		\$ 52,000.00
4	541330	Engineering and Designs Services (Curb Ramp Special Design)	1	D	LS		\$ 300,000.00
5	237310	Construction (Curb Ramp Special Design)	1	D	LS		\$ 320,300.00
6		Field Orders (EOC Type II)	1		AL		\$705,000.00
7	237310	Compensation Adjustments for Price Index Fluctuation (EOC Type I)	1		AL		\$500,000.00
8	237310	Asphalt Pavement Repair	21977		SF	\$ 3.00	\$ 65,931.00
9	237310	Asphalt Pavement Restoration (Concrete Flatwork)	1860		SF	\$ 12.00	\$ 22,320.00
10	237310	Excavation for Base Repair (Unscheduled)	250		CY	\$ 134.00	\$ 33,500.00

Item No.	NAICS CODE	Description	Quantity	D*	Unit	Unit Price	Extension
11	237310	Excavation for Base Repair	3300		CY	\$ 103.00	\$ 339,900.00
12	237310	Class 2 Aggregate Base	400		TON	\$ 94.00	\$ 37,600.00
13	237310	Crushed Miscellaneous Base	2900		TON	\$ 46.00	\$ 133,400.00
14	237310	Crushed Miscellaneous Base (Unscheduled)	260		TON	\$ 50.00	\$ 13,000.00
15	237310	Asphalt Concrete Base	2900		TON	\$ 175.00	\$ 507,500.00
16	237310	Asphalt Concrete Base (Unscheduled)	260		TON	\$ 194.00	\$ 50,440.00
17	237310	Asphalt Concrete Overlay	25100		TON	\$ 110.00	\$ 2,761,000.00
18	237310	Cross Gutter	4600		SF	\$ 23.50	\$ 108,100.00
19	237310	Unclassified Excavation and Export	320		CY	\$ 138.00	\$ 44,160.00
20	237310	Remove and Reconstruct Raised Median Nose	290		SF	\$ 60.00	\$ 17,400.00
21	237310	Curb Ramp (Type A) with Stainless Steel Detectable Warning Tiles	12		EA	\$ 8,350.00	\$ 100,200.00
22	237310	Curb Ramp (Type A1) with Stainless Steel Detectable Warning Tiles	16		EA	\$ 8,350.00	\$ 133,600.00
23	237310	Curb Ramp (Type B) with Stainless Steel Detectable Warning Tiles	5		EA	\$ 8,200.00	\$ 41,000.00

Item No.	NAICS CODE	Description	Quantity	D*	Unit	Unit Price	Extension
24	237310	Curb Ramp (Type C1) with Stainless Steel Detectable Warning Tiles	1		EA	\$ 8,420.00	\$ 8,420.00
25	237310	Curb Ramp (Type C2) with Stainless Steel Detectable Warning Tiles	12		EA	\$ 8,350.00	\$ 100,200.00
26	237310	Curb Ramp (Type C3) with Stainless Steel Detectable Warning Tiles	5		EA	\$ 8,500.00	\$ 42,500.00
27	237310	Curb Ramp (Type D) with Stainless Steel Detectable Warning Tiles	10		EA	\$ 7,900.00	\$ 79,000.00
28	237310	Pedestrian Protective Railing and Handrail	15		LF	\$ 150.00	\$ 2,250.00
29	237310	Removal and Replacement of Existing Paint Striping	1		LS		\$ 69,719.00
30	237310	Removal and Replacement of Existing Paint Striping (Carmel Mountain Road 1)	1		LS		\$ 194,564.00
31	237310	Removal and Replacement of Existing Paint Striping (Carmel Mountain Road 2)	1		LS		\$ 49,609.00
32	237310	Removal and Replacement of Existing Paint Striping (San Andres)	1		LS		\$ 13,681.00
33	237310	Removal and Replacement of Existing Paint Striping (North Torrey Pines Road)	1		LS		\$ 120,108.00
34	237310	Removal and Replacement of Existing Paint Striping (el Camino Real)	1		LS		\$ 278,002.00
35	237310	Removal and Replacement of Existing Paint Striping (Del Mar Heights)	1		LS		\$ 211,706.00
36	238990	Video Recording of Existing Conditions	1		LS		\$ 2,500.00
37	237310	Adjust Existing Gate Valve Frame and Cover to Grade	209		EA	\$ 300.00	\$ 62,700.00
38	237310	Adjust Existing Manhole Frame and Cover to Grade	152		EA	\$ 575.00	\$ 87,400.00

Item No.	NAICS CODE	Description	Quantity	D*	Unit	Unit Price	Extension
39	237310	Reconstruct Survey Monument Box	16		EA	\$ 2,150.00	\$ 34,400.00
40	237310	Traffic Signal Loop and Appurtenance (Type E and Type E Modified)	142		EA	\$ 750.00	\$ 106,500.00
41	237310	Traffic Signal Loop and Appurtenance (Type Q)	11		EA	\$ 1,500.00	\$ 16,500.00
42	237310	Cold Mill Type B Full Width AC Pavement (2 inch)	59000		SF	\$ 0.65	\$ 38,350.00
43	237310	Cold Mill Type B Full Width AC Pavement (3 inch)	2197737		SF	\$ 0.65	\$ 1,428,529.05
44	237310	Cold Mill Type A 6 ft Edge AC Pavement (2 Inch)	14467		SF	\$ 0.65	\$ 9,403.55
45	237310	Cold Mill Type A 6 ft Edge AC Pavement (3 Inch)	6365		SF	\$ 0.65	\$ 4,137.25
46	541330	Traffic Control and Working Drawings	1	D	LS		\$ 1,026,000.00
47	541330	Traffic Control and Engineered Traffic Control Plans	1	D	LS		\$ 1,345,000.00
48	237310	Pedestrian Barricade (Type A)	10		EA	\$ 750.00	\$ 7,500.00
49	237310	New Pedestrian Push Button Post	41		EA	\$ 2,400.00	\$ 98,400.00
50	237310	New Pedestrian Push Button	41		EA	\$ 1,000.00	\$ 41,000.00
51	238910	Root Pruning and Crown Reduction	2		EA	\$ 3,500.00	\$ 7,000.00
52	237310	Inlet Marker	45		EA	\$ 100.00	\$ 4,500.00
53	541330	WPCP Development	1	D	LS		\$ 5,000.00

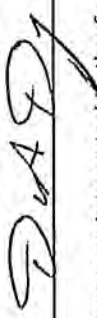
Item No.	NAICS CODE	Description	Quantity	D*	Unit	Unit Price	Extension
54	237310	WPCP Implementation	1		LS		\$ 25,000.00
55	237310	Asphalt concrete with Aramid Fiber (2.1 Oz Aramid Fiber per Ton Asphalt Concrete) - 2 Inch	1900		TON	\$ 120.00	\$ 228,000.00
56	237310	Asphalt concrete with Aramid Fiber (2.1 Oz Aramid Fiber per Ton Asphalt Concrete) - 3 Inch	14000		TON	\$ 120.00	\$ 1,680,000.00
TOTAL DESIGN-BUILD BASE PROPOSAL (ITEMS NO. 1 THROUGH 56 INCLUSIVE):							\$ 13,748,929.85

* Design Element (For City Use)

Total Price For Design-Build Proposal, (items 1 through 56, inclusive) amount written in words: DD
~~twelve million, nine hundred eighty two thousand, nine hundred twenty nine, dollars and eight five cents~~
thirteen million, seven hundred forty eight thousand, nine hundred twenty nine, dollars and eighty five cents

Design-Builder: Martin Marietta San Diego Aggregates LLC dba ATP General Engineering Contractors

Title: David A. Donnelly, Vice President

Signature: 

The names of all persons interested in the foregoing proposal as principals are as follows:
Please see the attached list of officers

IMPORTANT NOTICE: If Design-Builder 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 Design-Builder or other interested person is an individual, state first and last names in full.

NOTES:

- A. Proposals shall not contain any recapitulation of the Work. Conditional Proposals may be rejected as being **non-responsive**. Alternative proposals will not be considered unless called for.
- B. Subcontractors' License Numbers must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.
- C. Blank spaces must be filled in. The Design-Builder's failure to submit a price may render the Proposal non-responsive and ineligible for award.
- D. Unit prices shall be entered for all unit price items. Unit prices shall not exceed two (2) decimal places. If the Unit prices entered exceed two (2) decimal places, the City will only use the first two digits after the decimal points without rounding up or down.
- E. All extensions of the unit prices bid will be subject to verification by the City. In the case of conflict between the Product of the Quantity x Unit Price and the written Extension, the Product shall govern.
- F. In the case of conflict, between the sum of the Extensions and the Bid Total, the sum of the Extensions shall govern.

DESIGN-BUILD LIST OF SUBCONTRACTORS
TO BE INCLUDED WITH THE PRICE PROPOSAL ONLY

In accordance with the requirements of the "Subletting and Subcontracting Fair Practices Act", Section 4100, of the Public Contract Code (PCC), The Design-Builder is to list below the name and address of each Subcontractor who will perform work, labor, render services or specially fabricates and installs a portion [type] of the work or improvement, in an amount in excess of 0.5% of the Design-Builder's total Bid. The Design-Builder is to list below the portion of the work which will be done by each Subcontractor. The Design-Builder is to list only one Subcontractor for each portion of the Work. The **DOLLAR VALUE** of the total Bid to be performed by the Subcontractor is to be stated for all Subcontractors listed. Failure to comply with the listing of the Subcontractors as specified may result in the Bid being rejected as non-responsive and ineligible for award. The Design-Builder is to list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, WoSB, SDB, HUBZone, and SDVOSB Subcontractors that Design-Builder are seeking recognition towards achieving any subcontracting participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	DIR Registration Number	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB ^⓪	WHERE CERTIFIED [Ⓛ]	CHECK IF JOINT VENTURE PARTNERSHIP [Ⓢ]
Name: <u>RICK ENGINEERING COMPANY</u> Address: <u>5620 FRIARS ROAD</u> City: <u>SAN DIEGO</u> State: <u>CA</u> Zip: <u>92110</u> Phone: <u>661-477-7616</u> Email: <u>NDorner@rickengineering.com</u>	Designer	1000006546	N/A	Curb Ramp Design Traffic Control Design	355,170.00	None	N/A	N/A
Name: <u>3Sixty Innovation INC</u> Address: <u>3555 Rosecrans St, 114-110</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92110</u> Phone: <u>858-304-1093</u> Email: <u>estimating@3sixtyinnovation.com</u>	Constructor	1000653706	1049906	Cold Mill & Excavation	1,201,679.32	SLBE	CITY	N/A

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

- | | | | |
|---|--------|--|---------|
| Certified Minority Business Enterprise | MBE | Certified Woman Business Enterprise | WBE |
| Certified Disadvantaged Business Enterprise | DBE | Certified Disabled Veteran Business Enterprise | DVBE |
| Other Business Enterprise | OBE | Certified Emerging Local Business Enterprise | ELBE |
| Certified Small Local Business Enterprise | SLBE | Small Disadvantaged Business | SDB |
| Woman-Owned Small Business | WoSB | HUBZone Business | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB | | |
- Ⓢ As appropriate, Design-Builder shall indicate if Subcontractor is certified by:
- | | | | |
|--|--------|--|----------|
| City of San Diego | CITY | State of California Department of Transportation | CALTRANS |
| California Public Utilities Commission | CPUC | San Diego Regional Minority Supplier Diversity Council | SRMSDC |
| State of California's Department of General Services | CADoGS | City of Los Angeles | LA |
| State of California | CA | U.S. Small Business Administration | SBA |

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

Form AA05 - Design-Build List of Subcontractors to be Included in the Price Proposal Only

DESIGN-BUILD LIST OF SUBCONTRACTORS
TO BE INCLUDED WITH THE PRICE PROPOSAL ONLY

In accordance with the requirements of the "Subletting and Subcontracting Fair Practices Act", Section 4100, of the Public Contract Code (PCC), The Design-Builder is to list below the name and address of each Subcontractor who will perform work, labor, render services or specially fabricates and installs a portion [type] of the work or improvement, in an amount in excess of 0.5% of the Design-Builder's total Bid. The Design-Builder is to list below the portion of the work which will be done by each Subcontractor. The Design-Builder is to list only one Subcontractor for each portion of the Work. The **DOLLAR VALUE** of the total Bid to be performed by the Subcontractor is to be stated for all Subcontractors listed. Failure to comply with the listing of the Subcontractors as specified may result in the Bid being rejected as non-responsive and ineligible for award. The Design-Builder is to list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, WoSB, SDB, HUBZone, and SDVOSB Subcontractors that Design-Builder are seeking recognition towards achieving any subcontracting participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	DIR Registration Number	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED ①	CHECK IF JOINT VENTURE PARTNERSHIP ②
Name: Two Rivers Strategies, Inc. Address: 9820 Alto DR City: La Mesa State: CA Zip: 91941 Phone: 619-726-2179 Email: Reema@TwoRivers PR.com	Construction Service	1000871377	N/A	Community Liaison Services	52,000.00	ELBE	CITY	N/A
Name: EBS UTILITIES ADJUSTING, INC Address: 1345 Quarry St. #101 City: CORONA State: CA Zip: 92879 Phone: 951-279-6869 Email: Andrew@ebsgeneral.com	Constructor	1000004286	932798	Adjust Utilities	184,500.00	None	N/A	N/A

① As appropriate, Design-Builder 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
- Certified Disadvantaged Business Enterprise
- Other Business Enterprise
- Certified Small Local Business Enterprise
- Woman-Owned Small Business
- Service-Disabled Veteran Owned Small Business
- MBE
- DBE
- OBE
- SLBE
- WoSB
- SDVOSB
- Certified Woman Business Enterprise
- Certified Disabled Veteran Business Enterprise
- Certified Emerging Local Business Enterprise
- Small Disadvantaged Business
- HUBZone Business
- DVBE
- ELBE
- SDB
- HUBzone

② As appropriate, Design-Builder shall indicate if Subcontractor is certified by:

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

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

Form AA05 -Design-Build List of Subcontractors to be included in the Price Proposal Only

DESIGN-BUILD LIST OF SUBCONTRACTORS
TO BE INCLUDED WITH THE PRICE PROPOSAL ONLY

In accordance with the requirements of the "Subletting and Subcontracting Fair Practices Act", Section 4100, of the Public Contract Code (PCC), The Design-Builder is to list below the name and address of each Subcontractor who will perform work, labor, render services or specially fabricates and installs a portion [type] of the work or improvement, in an amount in excess of 0.5% of the Design-Builder's total Bid. The Design-Builder is to list below the portion of the work which will be done by each Subcontractor. The Design-Builder is to list only one Subcontractor for each portion of the Work. The **DOLLAR VALUE** of the total Bid to be performed by the Subcontractor is to be stated for all Subcontractors listed. Failure to comply with the listing of the Subcontractors as specified may result in the Bid being rejected as non-responsive and ineligible for award. The Design-Builder is to list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, WOSB, SDB, HUBZone, and SDVOSB Subcontractors that Design-Builder are seeking recognition towards achieving any subcontracting participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	DIR Registration Number	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WOSB, HUBZone, OR SDVOSB ^⓪	WHERE CERTIFIED [Ⓛ]	CHECK IF JOINT VENTURE PARTNERSHIP [Ⓢ]
Name: STATEWIDE STRIPES INC Address: P O BOX 600710 City: SAN DIEGO, State: CA Zip: 921160 Phone: 858-560-6887 Email: jeremy@payco.biz	Constructor	1000001334	788286	Striping & related	1,270,409.00	N/A	N/A	N/A
Name: LC TREE SERVICE INC. Address: 4455 MURPHY CANYON RD. City: SAN DIEGO State: CA Zip: 92123 Phone: 619-677-5777 Email: larry@lctrees.com	Constructor	100059286	979396	Root Pruning	7,000.00	SLBE	CITY	N/A

Ⓛ As appropriate, Design-Builder 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
- Certified Disadvantaged Business Enterprise
- Other Business Enterprise
- Certified Small Local Business Enterprise
- Woman-Owned Small Business
- Service-Disabled Veteran Owned Small Business
- MBE
- DBE
- OBE
- SLBE
- WOSB
- SDVOSB
- Certified Woman Business Enterprise
- Certified Disabled Veteran Business Enterprise
- Certified Emerging Local Business Enterprise
- Small Disadvantaged Business
- HUBZone Business
- WBE
- DVBE
- ELBE
- SDB
- HUBZone

Ⓢ As appropriate, Design-Builder shall indicate if Subcontractor is certified by:

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

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

Form AA05 - Design-Build List of Subcontractors to be Included in the Price Proposal Only

DESIGN-BUILD LIST OF SUBCONTRACTORS
TO BE INCLUDED WITH THE PRICE PROPOSAL ONLY

In accordance with the requirements of the "Subletting and Subcontracting Fair Practices Act", Section 4100, of the Public Contract Code (PCC), The Design-Builder is to list below the name and address of each Subcontractor who will perform work, labor, render services or specially fabricates and installs a portion [type] of the work or improvement, in an amount in excess of 0.5% of the Design-Builder's total Bid. The Design-Builder is to list below the portion of the work which will be done by each Subcontractor. The Design-Builder is to list only one Subcontractor for each portion of the Work. The **DOLLAR VALUE** of the total Bid to be performed by the Subcontractor is to be stated for all Subcontractors listed. Failure to comply with the listing of the Subcontractors as specified may result in the Bid being rejected as non-responsive and ineligible for award. The Design-Builder is to list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, WOSB, SDB, HUBZone, and SDVOSB Subcontractors that Design-Builder are seeking recognition towards achieving any subcontracting participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR OR DESIGNER	DIR Registration Number	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WOSB, HUBZone, OR SDVOSB	WHERE CERTIFIED ①	CHECK IF JOINT VENTURE PARTNERSHIP ②
Name: <u>DICK MILLER INC</u> Address: <u>930 BOARDWALK SUITE H.</u> City: <u>SAN MARCOS</u> State: <u>CA</u> Zip: <u>92078</u> Phone: <u>760-471-6842</u> Email: <u>jmartinez@dmiusa.net</u>	Constructor	1000004547	380204	Curb Ramp /Concrete Flatwork	1,034,730.00	SLBE	CITY	N/A
Name: <u>SOUTHWEST SIGNAL SERVICE</u> Address: <u>PO BOX 1297</u> City: <u>EL CAJON</u> State: <u>CA</u> Zip: <u>92022</u> Phone: <u>619-442-3343</u> Email: <u>mmichel@southwestsignal.com</u>	Constructor	1000004265	451115	Electrical	649,400.00	SLBE	CITY	N/A

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

- MBE Certified Woman Business Enterprise
- DBE Certified Disabled Veteran Business Enterprise
- OBE Certified Emerging Local Business Enterprise
- SLBE Small Disadvantaged Business
- WOSB HUBZone Business
- SDVOSB

② As appropriate, Design-Builder shall indicate if Subcontractor is certified by:

- CITY State of California Department of Transportation
- CPUC California Public Utilities Commission
- CADOGS State of California's Department of General Services
- CA State of California
- WBE
- DVBE
- ELBE
- SDB
- HUBZone
- CALTRANS
- SRMSDC
- LA
- SBA

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

Form AA05 –Design-Build List of Subcontractors to be Included in the Price Proposal Only

DESIGN-BUILD NAMED EQUIPMENT/MATERIAL SUPPLIER LIST
TO BE INCLUDED WITH THE PRICE PROPOSAL ONLY

For credit calculations for City-funded contracts, see Chapter 10 in The WHITEBOOK. For non-City funded contracts, refer to the Funding Agency Provisions. If no indication of the supplier, manufacturer, or non-supplier is provided, listed firm will receive no credit for purpose of calculating the Subcontractor Participation Percentages.

NO CLAIMED CREDIT

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

① As appropriate, Design-Builder 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, Design-Builder 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 | San Diego Regional Minority Supplier Diversity Council | SRMSDC |
| State of California's Department of General Services | CADoGS | City of Los Angeles | LA |
| State of California | CA | U.S. Small Business Administration | SBA |

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

Form AA25 – Design-Build Named Equipment/Material Supplier List to be Included in the Price Proposal Only

ATTACHMENT I
DESIGN-BUILD AGREEMENT

DESIGN-BUILD AGREEMENT

This Design-Build agreement [Contract] is made and entered into this 11th day of October, 2024, by and between The City of San Diego [City], a municipal corporation, and Martin Marietta San Diego Aggregates LLC dba ATP General Engineering Contractors [Design-Builder], for the purpose of designing and constructing the **AC Overlay Group 2402** (Project) in the amount of **Thirteen Million Seven Hundred Forty Eight Thousand Nine Hundred Twenty Nine Dollars and Eighty Five Cents (\$13,748,929.85)** which is comprised of the Base Proposal, consisting of an amount not to exceed **\$13,748,929.85** for Phase I.

The City and Design-Builder are referred to herein as the "Parties".

RECITALS

- A. The City desires to construct the Project located in the City of San Diego, California.
- B. The City desires to contract with a single entity for design and construction of the Project, as set forth in this Agreement.
- C. The City has issued Request for Proposal (RFP) number **K-24-2305-DB1-3** for **AC Overlay Group 2402**, pursuant to which the City solicited Proposals from design-build teams to design, rehabilitate, and build the Project.
- D. In accordance with City's RFP, Design-Builder submitted a Proposal for the Project and is prepared to enter into this Agreement.
- E. The City wishes to construct this Project on a Phase-Funded basis. In accordance with Whitebook section 7-3.10, the City is only obligated to pay for Phase I; Design-Builder cannot begin, nor is the City financially liable for Phase II, unless and until Design-Builder is issued a Notice to Proceed for Phase II by the City.
- F. The Design-Builder is ready, willing, and able to perform the services required in accordance with the terms and conditions of this Agreement.
- G. Execution of this Agreement by the Design-Builder is a representation that the Design-Builder has visited the Site, become familiar with the local conditions under which the Work is to be performed and correlated personal observations with requirements of the Contract Documents.

In consideration of the above recitals and the mutual covenants and conditions set forth herein, and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby set forth their mutual covenants and understandings as follows.

AGREEMENT

- A. Recitals and Attachments. The above referenced recitals are true and correct and are incorporated into this Agreement by this reference. All attachments referenced in this Agreement section are incorporated into the Contract by this reference.
- B. Contract Performance. The Design-Builder shall design and construct the Project in a good and workmanlike manner to the satisfaction of the City, lien free and in compliance with the Contract Documents and within the time specified, in return for timely payment by the City in accordance with the Contract.

- C. Attachments. All attachments e.g., Reference Standards in the RFP, Supplementary Special Provisions (SSP), the attached Faithful Performance and Payment Bonds, Agreement and Supplemental Agreements, and the attached Proposal included in the Proposal documents by the Contractor are incorporated into the Contract by this reference.
- D. Contract Documents. This Contract incorporates the 2021 Edition of the Standard Specifications for Public Works Construction [The GREENBOOK], including amendments set forth in the 2021 edition of the San Diego Specifications for Public Works Construction [The WHITEBOOK]. The Contract Documents shall include the items mentioned in section 3-7.2 of The WHITEBOOK and shall follow that order of precedence.

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

THE CITY OF SAN DIEGO

APPROVED AS TO FORM

Mara W. Elliott, City Attorney

By  _____

By  _____

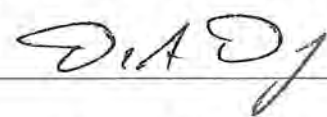
Print Name: Claudia C. Abarca
Director
Purchasing & Contracting Dept.

Print Name: RYAN P. GERRITY
Deputy City Attorney

Date: October 11, 2024

Date: 10/11/2024

CONTRACTOR Martin Marietta San Diego Aggregates LLC dba ATP General Engineering Contractors

By  _____

Print Name: David A. Donnelly

Title: Vice President

Date: 8/28/2024

City of San Diego License No.: B2010023183

State Contractor's License No.: 502506

PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND

FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:

Martin Marietta San Diego Aggregates LLC
dba ATP General Engineering Contractors _____, a corporation, as principal, and
Atlantic Specialty 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 **Thirteen Million
Seven Hundred Forty Eight Thousand Nine Hundred Twenty Nine Dollars and Eighty Five Cents
(\$13,748,929.85)** for the faithful performance of the annexed contract, and in the sum of **Thirteen
Million Seven Hundred Forty Eight Thousand Nine Hundred Twenty Nine Dollars and Eighty Five
Cents (\$13,748,929.85)** for the benefit of laborers and materialmen designated below.

Conditions:

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

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

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

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

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

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


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

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

THE CITY OF SAN DIEGO

APPROVED AS TO FORM

Mara W. Elliott, City Attorney

By: 

By: 

Print Name: Claudia C. Abarca
Director
Purchasing & Contracting Dept.

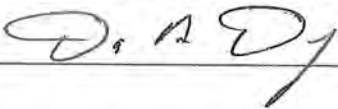
Print Name: RYAN P. GERRITY
Deputy City Attorney


Date: October 11, 2024

Date: 10/11/2024

CONTRACTOR Martin Marietta San Diego Aggregates LLC
dba ATP General Engineering Contractors

SURETY Atlantic Specialty Insurance Company

By: 

By: 
Attorney-In-Fact

Print Name: David A. Donnelly, Vice President

Print Name: Debra A. Deming

Date: 9/4/24

Date: 08-29-2024

222 S Harbor Blvd. #900. Anaheim, CA 92805
Local Address of Surety

781-332-7447
Local Phone Number of Surety

\$18,561.00
Premium

800129640
Bond Number

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)

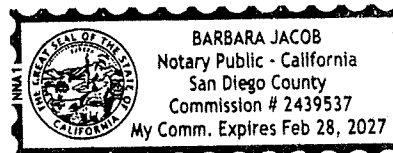
On 9/4/24 before me, Barbara Jacob, Notary Public
(insert name and title of the officer)

personally appeared David A. Donnelly,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

WITNESS my hand and official seal.

Signature  (Seal)



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

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

State of New York

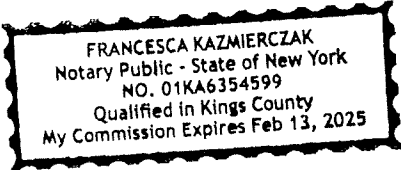
County of Kings

On August 29, 2024 before me, Francesca Kazmierczak, Notary Public, personally appeared Debra A. Deming who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

WITNESS my hand and official seal.

Signature Francesca Kazmierczak
Signature of Notary Public





Power of Attorney

KNOW ALL MEN BY THESE PRESENTS, that ATLANTIC SPECIALTY INSURANCE COMPANY, a New York corporation with its principal office in Plymouth, Minnesota, does hereby constitute and appoint: **Aklima Noorhassan, Anne Potter, Beverly A. Woolford, Debra A. Deming, Frances Rodriguez, Francesca Kazmierczak, Jennifer Jakaitis, Peter Healy, Sandra Diaz, Susan A. Welsh, Valorie Spates, Vilma Gonzalez**, each individually if there be more than one named, its true and lawful Attorney-in-Fact, to make, execute, seal and deliver, for and on its behalf as surety, any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof; provided that no bond or undertaking executed under this authority shall exceed in amount the sum of: **unlimited** and the execution of such bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof in pursuance of these presents, shall be as binding upon said Company as if they had been fully signed by an authorized officer of the Company and sealed with the Company seal. This Power of Attorney is made and executed by authority of the following resolutions adopted by the Board of Directors of ATLANTIC SPECIALTY INSURANCE COMPANY on the twenty-fifth day of September, 2012:

Resolved: That the President, any Senior Vice President or Vice-President (each an "Authorized Officer") may execute for and in behalf of the Company any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof, and affix the seal of the Company thereto; and that the Authorized Officer may appoint and authorize an Attorney-in-Fact to execute on behalf of the Company any and all such instruments and to affix the Company seal thereto; and that the Authorized Officer may at any time remove any such Attorney-in-Fact and revoke all power and authority given to any such Attorney-in-Fact.

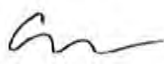
Resolved: That the Attorney-in-Fact may be given full power and authority to execute for and in the name and on behalf of the Company any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof, and any such instrument executed by any such Attorney-in-Fact shall be as binding upon the Company as if signed and sealed by an Authorized Officer and, further, the Attorney-in-Fact is hereby authorized to verify any affidavit required to be attached to bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof.

This power of attorney is signed and sealed by facsimile under the authority of the following Resolution adopted by the Board of Directors of ATLANTIC SPECIALTY INSURANCE COMPANY on the twenty-fifth day of September, 2012:

Resolved: That the signature of an Authorized Officer, the signature of the Secretary or the Assistant Secretary, and the Company seal may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing an Attorney-in-Fact for purposes only of executing and sealing any bond, undertaking, recognizance or other written obligation in the nature thereof, and any such signature and seal where so used, being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

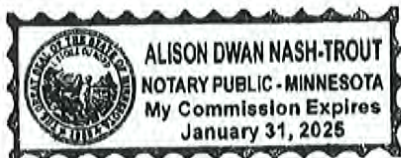
IN WITNESS WHEREOF, ATLANTIC SPECIALTY INSURANCE COMPANY has caused these presents to be signed by an Authorized Officer and the seal of the Company to be affixed this first day of January, 2023.



By 
Sarah A. Kolar, Vice President and General Counsel

STATE OF MINNESOTA
HENNEPIN COUNTY

On this first day of January, 2023, before me personally came Sarah A. Kolar, Vice President and General Counsel of ATLANTIC SPECIALTY INSURANCE COMPANY, to me personally known to be the individual and officer described in and who executed the preceding instrument, and she acknowledged the execution of the same, and being by me duly sworn, that she is the said officer of the Company aforesaid, and that the seal affixed to the preceding instrument is the seal of said Company and that the said seal and the signature as such officer was duly affixed and subscribed to the said instrument by the authority and at the direction of the Company.




Notary Public

I, the undersigned, Secretary of ATLANTIC SPECIALTY INSURANCE COMPANY, a New York Corporation, do hereby certify that the foregoing power of attorney is in full force and has not been revoked, and the resolutions set forth above are now in force.

Signed and sealed. Dated 29th day of August, 2024




Kara L.B. Barrow, Secretary

This Power of Attorney expires
January 31, 2025

ELECTRONICALLY SUBMITTED FORMS

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

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

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

- A. CONTRACTOR'S CERTIFICATION OF PENDING ACTIONS**
- B. MANDATORY DISCLOSURE OF BUSINESS INTERESTS FORM**
- C. DEBARMENT AND SUSPENSION CERTIFICATION FOR PRIME CONTRACTOR**
- D. DEBARMENT AND SUSPENSION CERTIFICATION FOR SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS**
- E. DESIGN-BUILD PROPOSAL**
- F. DESIGN-BUILDER'S GENERAL INFORMATION**

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: Martin Marietta San Diego Aggregates LLC dba ATP General Engineering Contractors

Certified By David A. Donnelly Title Vice President
Name

Signature Date 8/7/24

USE ADDITIONAL FORMS AS NECESSARY

Mandatory Disclosure of Business Interests Form

BIDDER/PROPOSER INFORMATION

Legal Name		DBA	
Martin Marietta San Diego Aggregates LLC		ATP General Engineering Contractors	
Street Address	City	State	Zip
4211 Ponderosa Ave STE C,	San Diego,	CA	92123
Contact Person, Title		Phone	Fax
David A. Donnelly, Vice President		858-944-6740	858-292-1079

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

* The precise nature of the interest includes:

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

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

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

Name	Title/Position
David A. Donnelly	Vice President
City and State of Residence	Employer (if different than Bidder/Proposer)
Poway, CA	same
Interest in the transaction	
General Manager 0%	

Name	Title/Position
Edwin P. Gehr	Vice President
City and State of Residence	Employer (if different than Bidder/Proposer)
Coronado, CA	Same
Interest in the transaction	
Managing Officer 0%	

*** Use Additional Pages if Necessary *** See attached list of Officers

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

David A. Donnelly, Vice President  8/7/24
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..

MARTIN MARIETTA MATERIALS, INC.
Martin Marietta San Diego Aggregates, LLC d/b/a ATP General Engineering Contractors

ASSISTANT SECRETARY'S CERTIFICATE

I, Eric S. Brown, do hereby certify that:

1. I am the duly appointed, qualified and acting Assistant Secretary of Martin Marietta Materials, Inc. (the "Corporation"), a North Carolina corporation and Martin Marietta San Diego Aggregates, LLC d/b/a ATP General Engineering Contractors, a California limited liability company (the "LLC").
2. The LLC is a wholly-owned subsidiary of the Corporation.
3. The persons listed below have been duly elected or appointed to hold the offices set forth opposite his or her name and are currently serving in such capacity.

<u>Name</u>	<u>Title</u>
H. Abbott Lawrence	President
Sara W. Brown	Vice President and Secretary
John C. Bull	Vice President and Treasurer
Edwin P. Gehr	Vice President
David A. Donnelly	Vice President
Eric S. Brown	Assistant Secretary
John A. Gillan	Assistant Secretary
Kyle C. Jackson	Assistant Secretary

WITNESS my hand and seal of this Corporation this 10th day of February, 2023.



[SEAL]


Eric S. Brown
Assistant Secretary

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

EFFECT OF DEBARMENT OR SUSPENSION
To promote integrity in the City's contracting processes and to protect the public interest, the City shall only enter into contracts with responsible bidders and contractors. In accordance with San Diego Municipal Code 522.0814 (a): <i>Bidders and contractors</i> who have been <i>debarred</i> or <i>suspended</i> are excluded from submitting bids, submitting responses to requests for proposal or qualifications, receiving <i>contract</i> awards, executing <i>contracts</i> , participating as a <i>subcontractor</i> , employee, agent or representative of another <i>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:

NAME	TITLE
David A. Donnelly,	Vice President
Edwin P. Gehr	Vice President
See attached list of officers	

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.

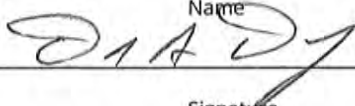
If there are any exceptions to this certification, insert the exceptions in the following space.

No Exceptions

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: Martin Marietta San Diego Aggregates LLC dba ATP General Engineering Contractors

Certified By David A. Donnelly Title Vice President

Name

 Signature

Date 8/7/24

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

MARTIN MARIETTA MATERIALS, INC.
Martin Marietta San Diego Aggregates, LLC d/b/a ATP General Engineering Contractors

ASSISTANT SECRETARY'S CERTIFICATE

I, Eric S. Brown, do hereby certify that:

1. I am the duly appointed, qualified and acting Assistant Secretary of Martin Marietta Materials, Inc. (the "Corporation"), a North Carolina corporation and Martin Marietta San Diego Aggregates, LLC d/b/a ATP General Engineering Contractors, a California limited liability company (the "LLC").
2. The LLC is a wholly-owned subsidiary of the Corporation.
3. The persons listed below have been duly elected or appointed to hold the offices set forth opposite his or her name and are currently serving in such capacity.

<u>Name</u>	<u>Title</u>
H. Abbott Lawrence	President
Sara W. Brown	Vice President and Secretary
John C. Bull	Vice President and Treasurer
Edwin P. Gehr	Vice President
David A. Donnelly	Vice President
Eric S. Brown	Assistant Secretary
John A. Gillan	Assistant Secretary
Kyle C. Jackson	Assistant Secretary

WITNESS my hand and seal of this Corporation this 10th day of February, 2023.



[SEAL]


Eric S. Brown
Assistant Secretary

**DEBARMENT AND SUSPENSION CERTIFICATION
SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS**

TO BE COMPLETED BY BIDDER

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

See Attached

Names of the Principal individual owner(s)

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of Names of the Principal Individual owner(s) for their subcontractor/supplier/manufacturers.

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

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

Contractor Name: Martin Marietta San Diego Aggregates LLC dba ATP General Engineering Contractors

Certified By David A. Donnelly Title Vice President



 Name _____ Date 8/7/24

 Signature _____

USE ADDITIONAL FORMS AS NECESSARY*

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

Names of the Principal individual owner(s)

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of Names of the Principal Individual owner(s) for their subcontractor/supplier/manufacturers.

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

SUBCONTRACTOR (Design Professional) SUPPLIER MANUFACTURER

NAME	TITLE
Nick Dorner	Associate
Brian Stephenson	Associate Principal
Edgar Camerino	Principal

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

(Design Professional) Contractor Name: Rick Engineering Company

Certified By Nick Dorner Title Associate

Name



Date 8/6/2024

Signature

USE ADDITIONAL FORMS AS NECESSARY*

**DEBARMENT AND SUSPENSION CERTIFICATION
SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS**

TO BE COMPLETED BY BIDDER

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

Names of the Principal individual owner(s)

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of Names of the Principal Individual owner(s) for their subcontractor/supplier/manufacturers.

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

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
3Sixty Innovation Inc	
Mohamad Muhsin	President

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

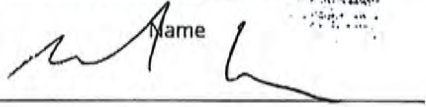
NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

Contractor Name: 3Sixty Innovation Inc

Certified By Mohamad Muhsin Title President

 Name Date 8/7/2024

Signature

USE ADDITIONAL FORMS AS NECESSARY*

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

Names of the Principal individual owner(s)

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of Names of the Principal Individual owner(s) for their subcontractor/supplier/manufacturers.

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

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
Reema Makani Boccia	Principal

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

Contractor Name: Two Rivers Strategies, Inc.

Certified By Reema Makani Boccia Title Principal

Name

Reema Boccia

Date 8/6/24

Signature

USE ADDITIONAL FORMS AS NECESSARY*

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

Names of the Principal individual owner(s)

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of Names of the Principal Individual owner(s) for their subcontractor/supplier/manufacturers.

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

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
LC Tree Service	
HARRY COALSON	CEO

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

Contractor Name: LC Tree Service

Certified By HARRY COALSON Title CEO

Name

 Signature

Date 8-6-24

*USE ADDITIONAL FORMS AS NECESSARY**

**DEBARMENT AND SUSPENSION CERTIFICATION
SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS**

TO BE COMPLETED BY BIDDER

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

Names of the Principal individual owner(s)

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of Names of the Principal Individual owner(s) for their subcontractor/supplier/manufacturers.

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

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
GLEN F. BULLOCK	PRESIDENT

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

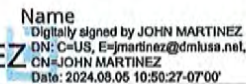
NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

Contractor Name: DICK MILLER INC

Certified By JOHN MARTINEZ Title ESTIMATOR



 Name: JOHN MARTINEZ

Digitally signed by JOHN MARTINEZ

DN: C=US, E=jmartinez@dmlusa.net,

CN=JOHN MARTINEZ

Date: 2024.08.06 10:58:27-0700'

Date 8/6/2024

Signature

USE ADDITIONAL FORMS AS NECESSARY*

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

Names of the Principal individual owner(s)

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of Names of the Principal Individual owner(s) for their subcontractor/supplier/manufacturers.

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

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
Ryan T. Clark	President and General Manager

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

Contractor Name: Southwest Traffic Signal Service

Certified By Misael Michel Title Project Engineer and Estimator

Name

Date 08/06/24

Signature

*USE ADDITIONAL FORMS AS NECESSARY**

**DEBARMENT AND SUSPENSION CERTIFICATION
SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS**

TO BE COMPLETED BY BIDDER

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

Names of the Principal individual owner(s)

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of Names of the Principal Individual owner(s) for their subcontractor/supplier/manufacturers.

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

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
David Brillhante	President

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

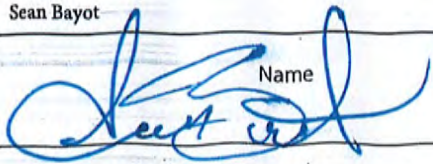
SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

Contractor Name: Statewide Stripes, Inc.

Certified By Sean Bayot Title Estimator/Project Manager
 Name
 Signature Date 8/7/24

USE ADDITIONAL FORMS AS NECESSARY*

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

Names of the Principal individual owner(s)

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of Names of the Principal Individual owner(s) for their subcontractor/supplier/manufacturers.

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

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
EBS Utilities Adjusting, Inc.	Thomas Nanci, President
	Joseph Nanci, Vice President

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

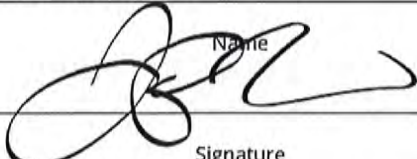
NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

Contractor Name: EBS Utilities Adjusting, Inc.

Certified By Joseph Nanci Title Vice President


 Signature _____ Date 8/7/24

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

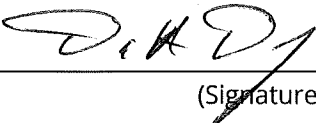
DESIGN-BUILD PROPOSAL

1. The undersigned The Design-Builder proposes and agrees, if this Proposal is accepted, to enter into an agreement with the City in the form included in the Contract Documents to perform the Work as specified or indicated in said Contract Documents entitled **AC Overlay Group 2402** Design-Build Contract.
2. The Design-Builder accepts all of the terms and conditions of the Contract Documents, including without limitation those in the RFP.
3. This Proposal will remain open for the period stated in the RFP unless otherwise required by law. The Design-Builder will enter into an agreement within the time and in the manner required in the RFP and will furnish the insurance certificates, Payment Bond, and Performance Bond required by the Contract Documents.
4. The Design-Builder has familiarized itself with the nature and extent of the Contract Documents, Work, site, locality where the Work is to be performed, the legal requirements (federal, state and local laws, ordinances, rules, and regulations), and the conditions affecting cost, progress or performance of the Work and has made such independent investigations as The Design-Builder deems necessary.

To all the foregoing, and including all Proposal schedule(s) and information required of the Design-Builder contained in this Proposal Form, said The Design-Builder further agrees to complete the Work and Services required under the Contract Documents within the Contract Time stipulated in said Contract Documents, and to accept in full payment therefore the Contract Price based on the Total Proposal Price(s) named in the aforementioned Proposal schedule(s).

Dated: 8/7/24

The Design-Builder: Martin Marietta San Diego Aggregates LLC
dba ATP General Engineering Contractors

By: 
(Signature)

Title: David A. Donnelly, Vice President

PROPOSAL

DESIGN-BUILDER'S GENERAL INFORMATION

To the City of San Diego:

Pursuant to the "Request for Proposal", 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 proposal is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the proposal is genuine and not collusive or sham; that the proposer has not directly or indirectly induced or solicited any other proposer to put in a false or sham proposal, and has not directly or indirectly colluded, conspired, connived, or agreed with any proposer or anyone else to put in a sham proposal, or that anyone shall refrain from proposing; that the proposer has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price of the proposer or any other proposer, or to fix any overhead, profit, or cost element of the proposal price, or of that of any other proposer, 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 proposal are true; and, further, that the proposer has not, directly or indirectly, submitted his or her proposal 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, proposal depository, or to any member or agent thereof to effectuate a collusive or sham proposal. The undersigned proposer(s) further warrants that proposer(s) has thoroughly examined and understands the entire Contract Documents (plans and specifications) and the Proposal Documents therefore, and that by submitting said Proposal Documents as its proposal, proposer(s) acknowledges and is bound by the entire Contract Documents, including any addenda issued thereto, as such Contract Documents incorporated by reference in the Proposal Documents.

IF A SOLE OWNER OR SOLE CONTRACTOR SIGN HERE: N/A

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

IF A PARTNERSHIP, SIGN HERE: N/A

- (1) Name under which business is conducted _____

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

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

Full Name and Character of partner

(4) Place of Business (Street & Number) _____

(5) City and State _____ Zip Code _____

(6) Telephone No. _____ Facsimile No. _____

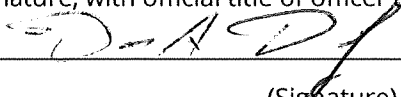
(7) Email Address _____

IF A CORPORATION, SIGN HERE:

Martin Marietta San Diego Aggregates LLC
dba ATP General Engineering Contractors

(1) Name under which business is conducted _____

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



(Signature)

David A. Donnelly

Vice President (Printed Name)

(Title of Officer)

(Impress Corporate Seal Here)

(3) Incorporated under the laws of the State of California

(4) Place of Business (Street & Number) 4211 Ponderosa Ave STE C

(5) City and State San Diego, CA Zip Code 92123

(6) Telephone No. 858-944-6740 Facsimile No. 858-292-1079

(7) Email Address david.donnelly@martinmarietta.com

THE FOLLOWING SECTIONS MUST BE FILLED IN BY ALL PROPOSERS:

In accordance with the "Request for Proposal", the proposer holds a California State Contractor's license for the following classification(s) to perform the work described in these specifications:

LICENSE CLASSIFICATION Class A

LICENSE NO. 502506 EXPIRES 3/31/2026

DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION NUMBER: 1000012615

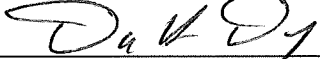
This license classification must also be shown on the front of the proposal envelope. Failure to show license classification on the proposal envelope may cause return of the proposal unopened.

TAX IDENTIFICATION NUMBER (TIN): 27-1641959

E-Mail Address: david.donnelly@martinmarietta.com

THIS PROPOSAL MUST BE NOTARIZED BELOW:

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

Signature  Title David A. Donnelly, Vice President

SUBSCRIBED AND SWORN TO BEFORE ME, THIS 7th DAY OF August, 2024.

Notary Public in and for the County of San Diego, State of California

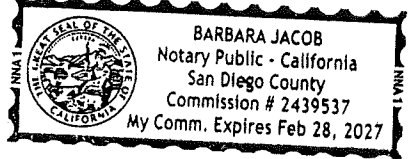
(NOTARIAL SEAL) See attached Jurat

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

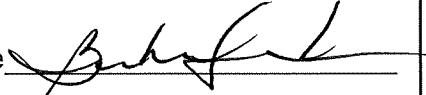
State of California
County of San Diego

Subscribed and sworn to (or affirmed) before me on this 7th
day of August, 2024, by David A. Donnelly

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



(Seal)

Signature 
Barbara Jacob, Notary Public

City of San Diego

CITY CONTACT Brittany Friedenreich, Senior Contract Specialist, Email: BFriedenreic@sandiego.gov
Phone No. (619) 533-3104

ADDENDUM 1

PROPOSAL DOCUMENTS



FOR

AC OVERLAY GROUP 2402

RFP NO.:	<u>K-24-2305-DB1-3</u>
SAP NO. (WBS/IO/CC):	<u>B-24012</u>
CLIENT DEPARTMENT:	<u>2116</u>
COUNCIL DISTRICT:	<u>1, 5</u>
PROJECT TYPE:	<u>ID</u>

PROPOSALS DUE:

**2:00 PM
AUGUST 7, 2024**

CITY OF SAN DIEGO'S ELECTRONIC BIDDING SITE, PLANETBIDS

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

DEPUTY CITY ENGINEER

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




1) For City Engineer

07/26/2024
Date

Seal:





2) For City Engineer

7-26-2024
Date

Seal:



A. CHANGES TO CONTRACT DOCUMENTS

The following changes to the RFP are hereby made effective as though originally issued with the RFP. The Design-Builders are reminded that all previous requirements to this solicitation remain in full force and effect.

B. BIDDER'S QUESTIONS

Q1. Would the City allow 11x17 sheets for better visibility for the project schedule and potentially other graphics? If allowed to include 11x17 sheets, would the City count these as two pages per 11x17 sheet?

A1. Yes, we will accept 11x17 sheets. If 11x17 is submitted, we will be considered as one page.

Q2. Page 269 of the City's Request for Proposal document includes criteria item 5.1.4 under Construction Section 5, which describes the "General plan for functional testing and start-up." Can you elaborate on what construction items this refers to?

A2. Item 5.1.4 has been removed. Refer to Section C, Item 7 of this Addendum.

Q3. Are the Work Force Report BB05 forms/Equal Opportunity Contracting Program (EOCP) forms to be included within the technical proposal, or would the City prefer these items to be included as a separate attachment through PlanetBids. If they are to be included on PlanetBids, please advise on the appropriate upload location within the portal

A3. All EOCP forms, including the Work Force Report, can be included within the proposal. Please see Instructions to Proposers and General Conditions Section 5.3.1.

C. CHANGES TO THE REQUEST FOR PROPOSALS

1. To REQUEST FOR PROPOSAL, Item 5., **ESTIMATED PROJECT COST**, page 6, **DELETE** in its entirety and **SUBSTITUTE** with the following:

5. ESTIMATED PROJECT COST: The City's estimated cost for this project is **\$15,220,000.00**.

2. to Attachments, Attachment A, PROJECT DESCRIPTION, SCOPE OF WORK, TECHNICAL SPECIFICATIONS, AND BRIDGING DOCUMENTS, Section 43, page 75, , **DELETE** in its entirety and **SUBSTITUTE** with the following:
 43. The Work shall be performed in accordance with:
 - 43.1 The Request for Proposal, Attachment A, Project Description, Scope of Work, and Bridging Documents, Bike Lanes Plans numbered **001399-01-D** through **001399-16-D**, **0101384-01-D** through **0101384-24-D**, **0101426-01-D** through **0101426-09-D**, **0101443-01-D** through **0101443-11-D**, **0101369-01-D** through **0101369-06-D**, and **0101446-01-D** through **0101446-14-D**, inclusive.
3. to Attachments, Attachment E, SUPPLEMENTARY SPECIAL PROVISIONS, Section 314 – TRAFFIC STRIPING, CURB AND PAVEMENT MARKINGS, AND PAVEMENT MARKERS, subsection 314-4.3.7, Payment, Item 1, subitem a), page 153, **DELETE** in their entirety and **SUBSTITUTE** with the following:
 - a) Carmel Mountain Road between Paseo Cardiel & Gerana St.
4. To Attachments, Attachment E, APPENDICES, **APPENDIX E, Resurfacing Limits Map Books**, pages 186 through 198, **DELETE** in their entirety and **SUBSTITUTE** with pages 6 through 18 of this Addendum.
5. To Attachments, Attachment E, APPENDICES, **APPENDIX F, Adjacent Projects Map for La Jolla Village Road**, page 205, **DELETE** in its entirety and **SUBSTITUTE** with page 19 of this Addendum.
6. To Attachments, Attachment E, APPENDICES, **APPENDIX J, Estimated Asphalt Construction Quantities**, pages 220 and 221, **DELETE** in their entirety and **SUBSTITUTE** with pages 20 through 21 of this Addendum.
7. To Attachments, Attachment G, EVALUATION AND SELECTION CRITERIA, Section 5, Construction Plan, subsection 5.1., page 269, **DELETE** in their entirety and **SUBSTITUTE** with the following:

- 5.1.1. Construction approach and methods
 - 5.1.2. Plan for operation of facility during construction
 - 5.1.3. Plan for phasing of construction activities
 - 5.1.4. Proposed safety program
 - 5.1.5. Proposed emergency response plan
 - 5.1.6. Proposed construction schedule
 - 5.1.7. Traffic Control Management
 - 5.1.8. Community Impact
8. To Attachments, Attachment H, **PRICE FORM**, pages 272 through pages 276, **DELETE** in their entirety and **SUBSTITUTE** with pages 22 through 27 of this Addendum.

D. PLANS

- 1. To Drawing numbers **0101384-01-D** through **0101384-42-D**, **DELETE** in their entirety.
- 2. **ADD** Plans titled “**(AC2402) CARMEL MOUNTAIN RD (BL) STRIPING, SIGNAGE & ELECTRICAL IMPROVEMENT**”, Drawing numbers **0101384-01-D** through **0101384-24-D**, pages 28 through 51 of this Addendum.
- 3. **ADD** Plans titled “**(AC2402) NORTH TORREY PINES RD STRIPING, SIGNAGE & ELECTRICAL IMPROVEMENT**”, Drawing numbers **0101426-01-D** through **0101426-09-D**, pages 52 through 60 of this Addendum.

Rania Amen, Director

Engineering & Capital Projects Department

Dated: *July 26, 2024*
San Diego, California

RA/MJN/na

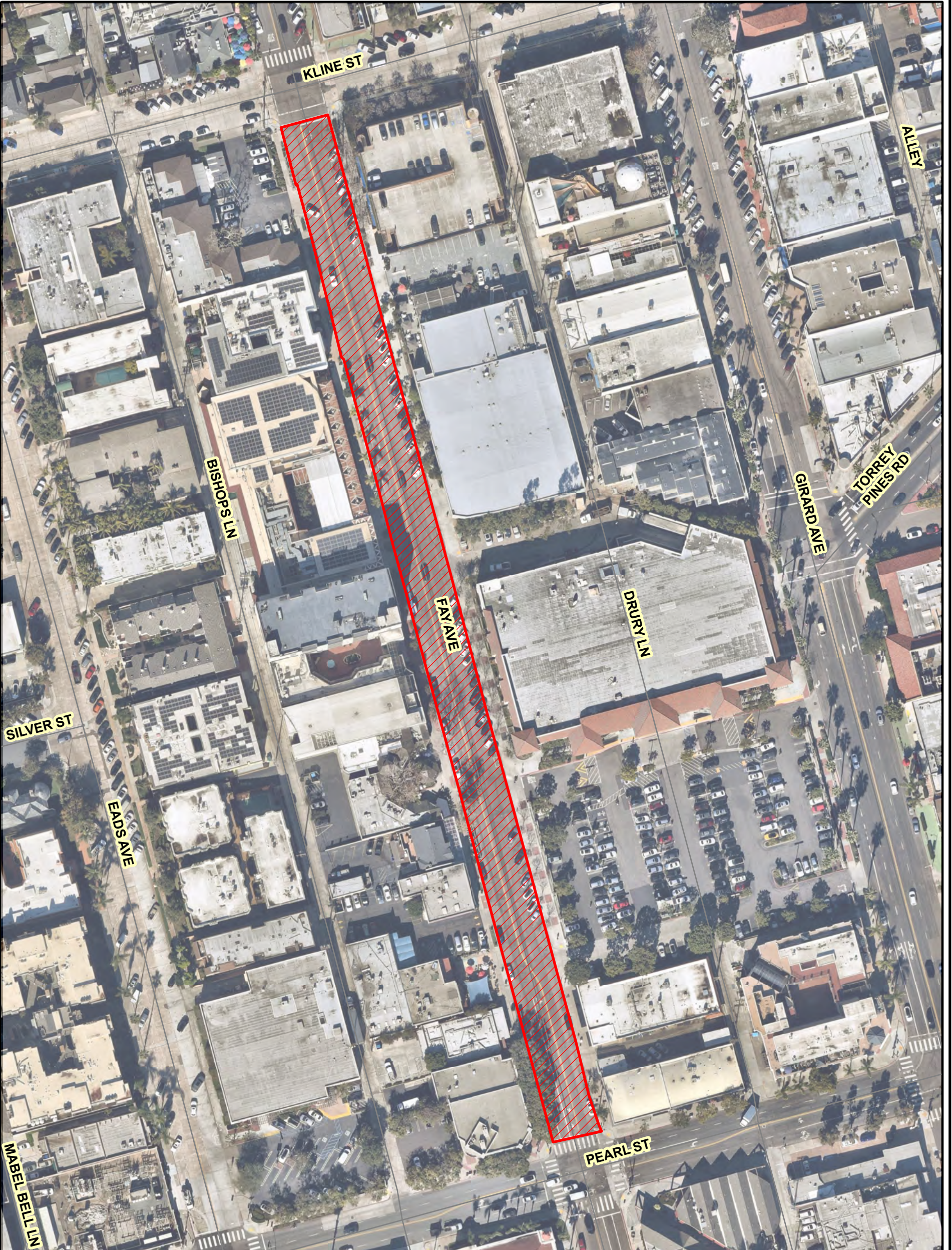
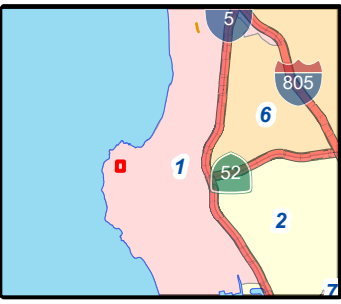
APPENDIX E
RESURFACING LIMITS MAP BOOKS

SENIOR ENGINEER
JANICE JARO
619-533-3851


PROJECT MANAGER
CHUN YU CHAN
619-533-7416

PROJECT ENGINEER
CARLOS NOVOA
619-533-6647

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

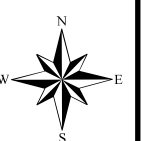


Legend

 AC2402 Paving Limits

COMMUNITY NAME: LA JOLLA

COUNCIL DISTRICT: 1



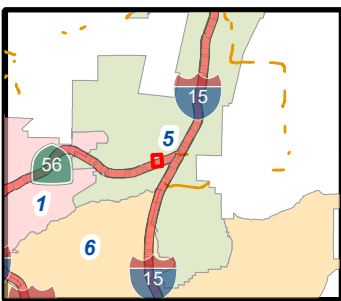
Date: 5/21/2024

WBS NO: B24012

THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY © to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY ©. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.

**AC OVERLAY GROUP 2402
MAP BOOK 2-1**

SENIOR ENGINEER JANICE JARO 619-533-3851	PROJECT MANAGER CHUN YU CHAN 619-533-7416	PROJECT ENGINEER CARLOS NOVOA 619-533-6647	FOR QUESTIONS ABOUT THIS PROJECT Call: (619) 533-4207 Email: engineering@san Diego.gov
--	---	--	---



Legend

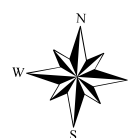
- B24012_Digouts
- AC2402 Paving Limits
- Proposed Cross Gutter Replacement

COMMUNITY NAME: RANCHO PENASQUITOS

Date: 7/15/2024

COUNCIL DISTRICT: 5

WBS NO: B24012



SEE MAP BOOK 2-2

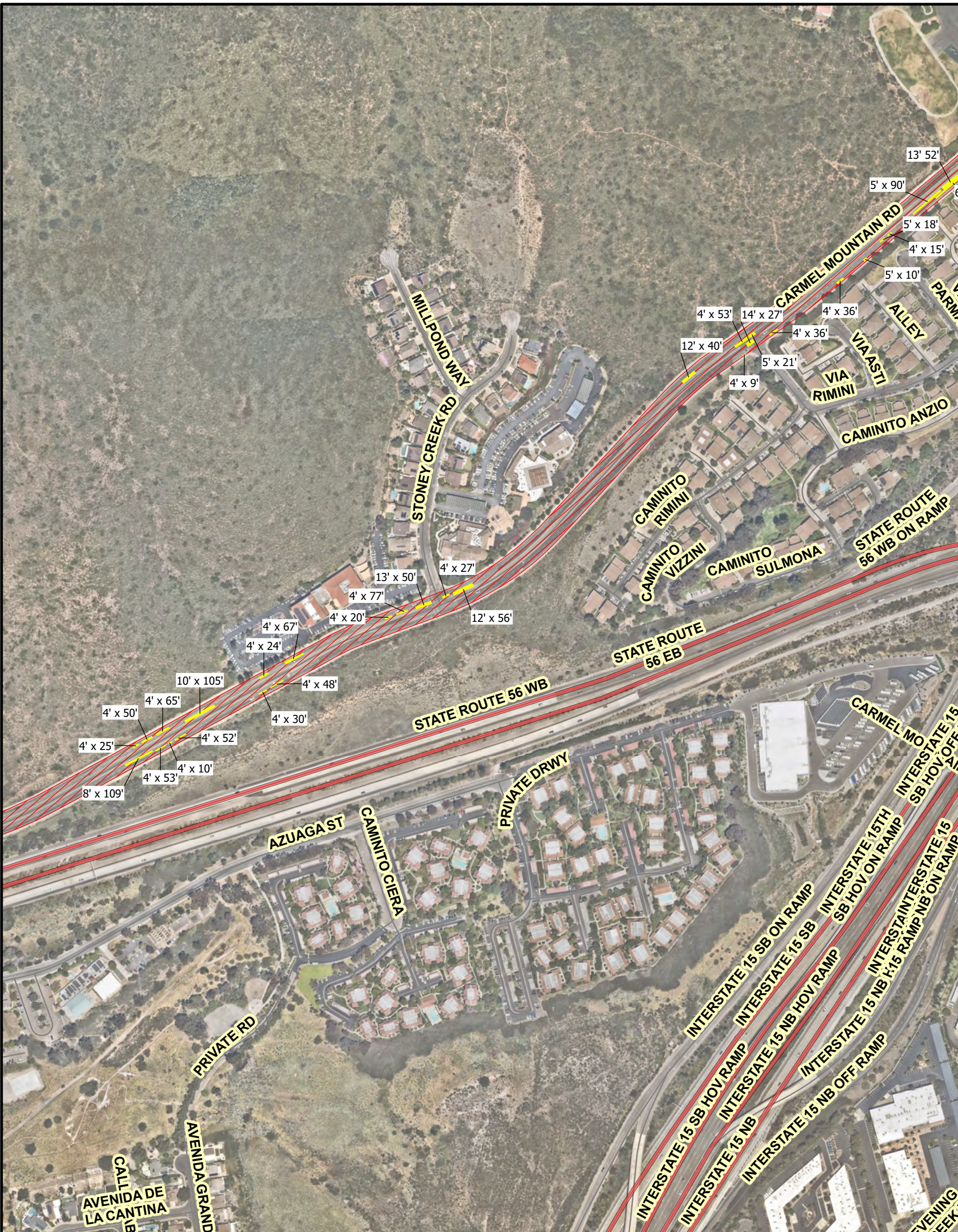
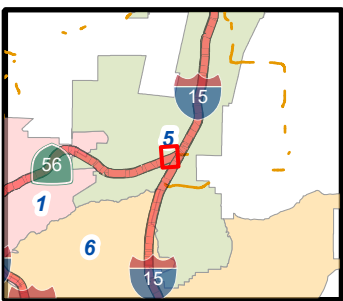
THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY © to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY ©. It is unlawful to copy or reproduce all or any part thereof, without the prior, written permission of RAND McNALLY & COMPANY.

SENIOR ENGINEER
JANICE JARO
619-533-3851

PROJECT MANAGER
CHUN YU CHAN
619-533-7416

PROJECT ENGINEER
CARLOS NOVOA
619-533-6647

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



Legend

- B24012_Digouts
- AC2402 Paving Limits



COMMUNITY NAME: RANCHO PENASQUITOS

Date: 7/15/2024

COUNCIL DISTRICT: 5

WBS NO: B24012

July 26, 2024
AC Overlay Group 2402

ADDENDUM 1



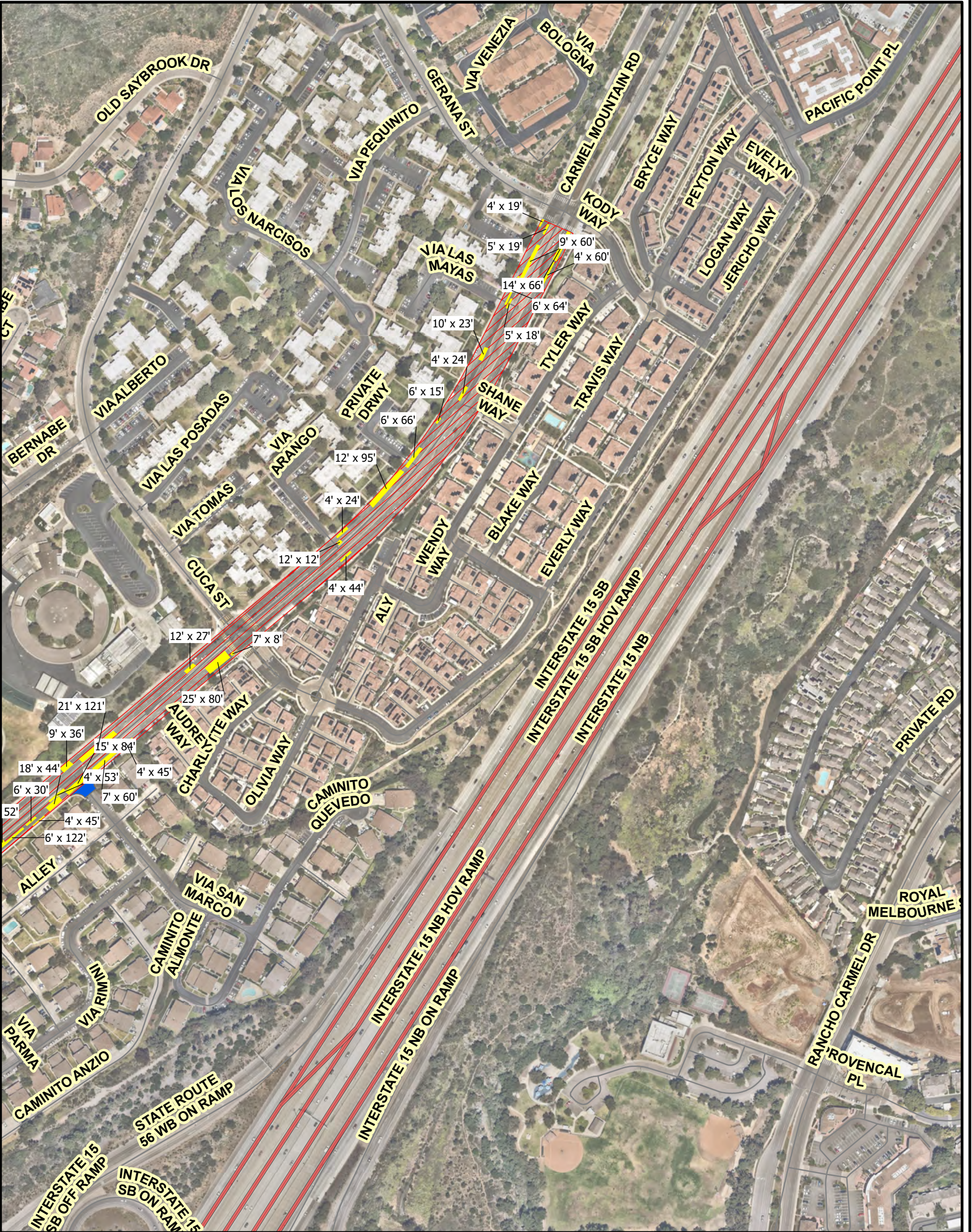
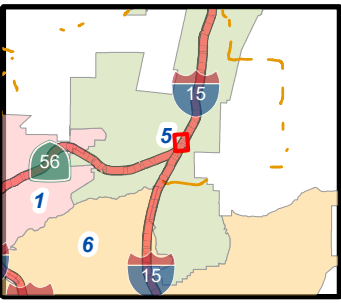
SEE MAP BOOK 2-1

SEE MAP BOOK 2-3




THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.

AC OVERLAY GROUP 2402
MAP BOOK 2-3

SENIOR ENGINEER JANICE JARO 619-533-3851	PROJECT MANAGER CHUN YU CHAN 619-533-7416	PROJECT ENGINEER CARLOS NOVOA 619-533-6647	FOR QUESTIONS ABOUT THIS PROJECT Call: (619) 533-4207 Email: engineering@sanidiego.gov
--	---	--	---



Legend

-  B24012_Digouts
-  AC2402 Paving Limits
-  Proposed Cross Gutter Replacement

COMMUNITY NAME: RANCHO PENASQUITOS

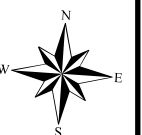
Date: 7/15/2024

COUNCIL DISTRICT: 5

WBS NO: B24012

July 26, 2024
AC Overlay Group 2402

ADDENDUM 1

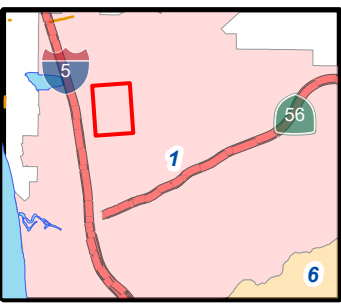


SEE MAP BOOK 2-2

THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.

Engineering & Capital Projects
AC OVERLAY GROUP 2402
MAP BOOK 3-1

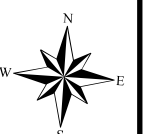
SENIOR ENGINEER JANICE JARO 619-533-3851	PROJECT MANAGER CHUN YU CHAN 619-533-7416	PROJECT ENGINEER CARLOS NOVOA 619-533-6647	FOR QUESTIONS ABOUT THIS PROJECT Call: (619) 533-4207 Email: engineering@sanidiego.gov
--	---	--	---



Legend

B24012_Digouts AC2402 Paving Limits

SEE MAP BOOK 3-2



COMMUNITY NAME: CARMEL VALLEY

Date: 7/15/2024

COUNCIL DISTRICT: 1

ADDENDUM 1

WBS NO: B24012

11

SEE MAP BOOK 3-3

THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.

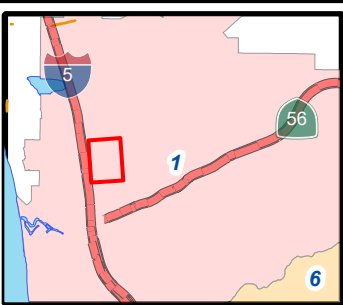
SENIOR ENGINEER
JANICE JARO
619-533-3851

PROJECT MANAGER
CHUN YU CHAN
619-533-7416

PROJECT ENGINEER
CARLOS NOVOA
619-533-6647

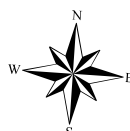
FOR QUESTIONS ABOUT THIS PROJECT
Call: (619) 533-4207
Email: engineering@sanidiego.gov

SEE MAP BOOK 3-1



Legend

B24012_Digouts AC2402 Paving Limits



COMMUNITY NAME: CARMEL VALLEY

Date: 7/15/2024

COUNCIL DISTRICT: 1

WBS NO: B24012

July 26, 2024
AC Overlay Group 2402

ADDENDUM 1



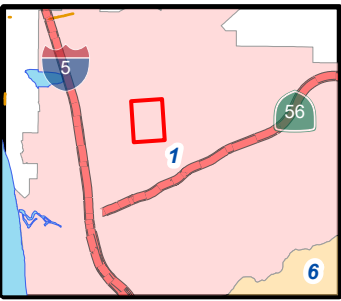
THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY to SANDAG. This map is copyrighted by RAND McNALLY & COMPANY. It is unlawful to copy or reproduce all or any part thereof, without the prior, written permission of RAND McNALLY & COMPANY.

SENIOR ENGINEER
JANICE JARO
619-533-3851

PROJECT MANAGER
CHUN YU CHAN
619-533-7416

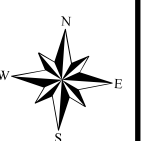
PROJECT ENGINEER
CARLOS NOVOA
619-533-6647

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



Legend

- B24012_Digouts
- Proposed Cross Gutter Replacement
- AC2402 Paving Limits



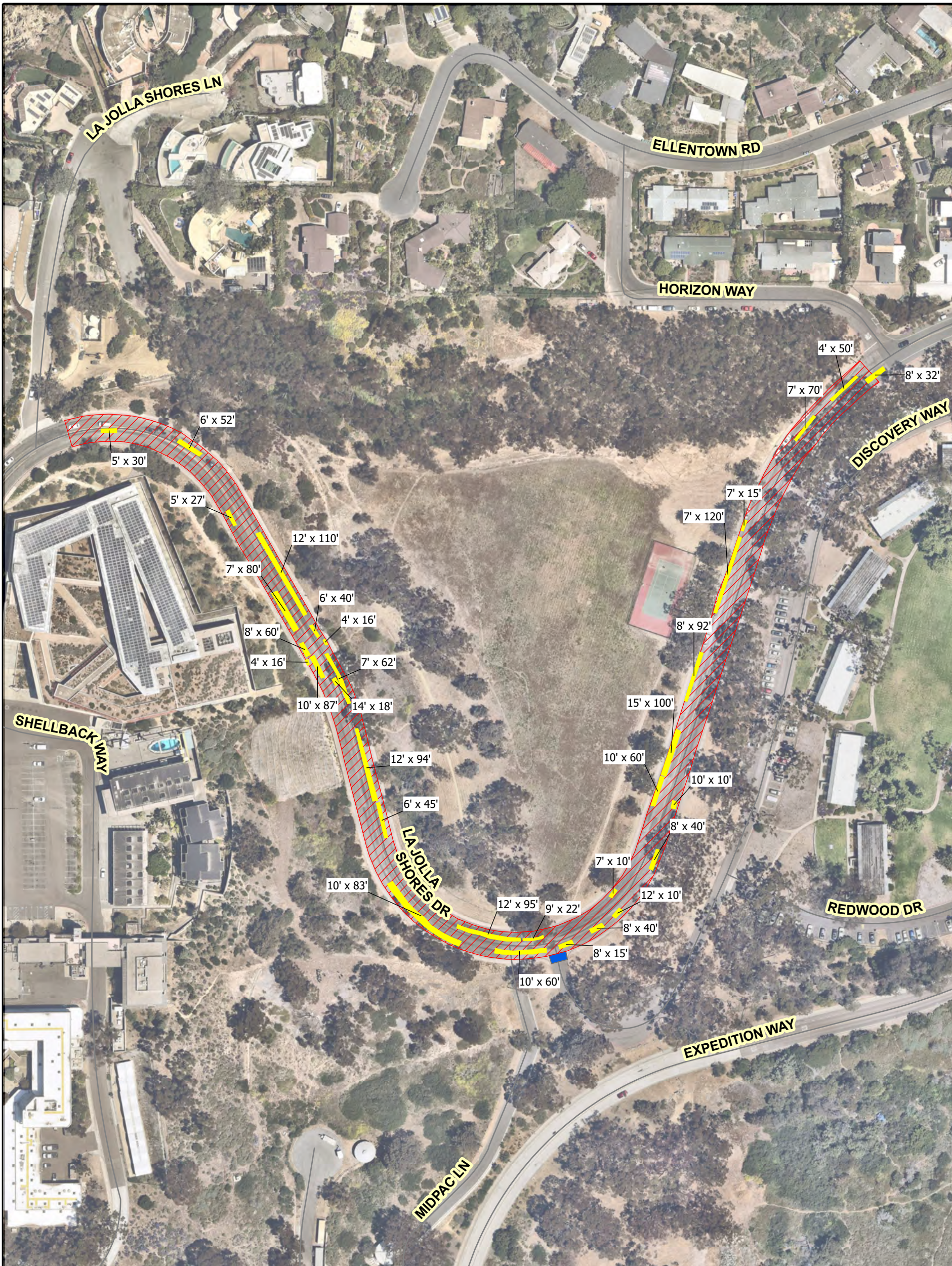
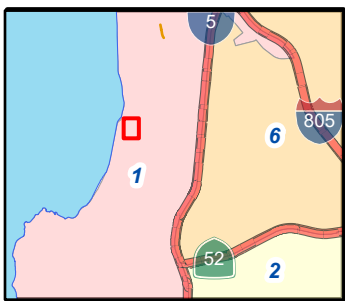
**AC OVERLAY GROUP 2402
MAP BOOK 4**

SENIOR ENGINEER
JANICE JARO
619-533-3851

PROJECT MANAGER
CHUN YU CHAN
619-533-7416

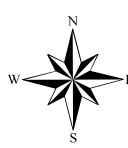
PROJECT ENGINEER
CARLOS NOVOA
619-533-6647

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



Legend

- B24012_Digouts
- Proposed Cross Gutter Replacement
- AC2402 Paving Limits



COMMUNITY NAME: LA JOLLA

COUNCIL DISTRICT: 1

WBS NO: B24012

Date: 7/15/2024
July 26, 2024
AC Overlay Group 2402

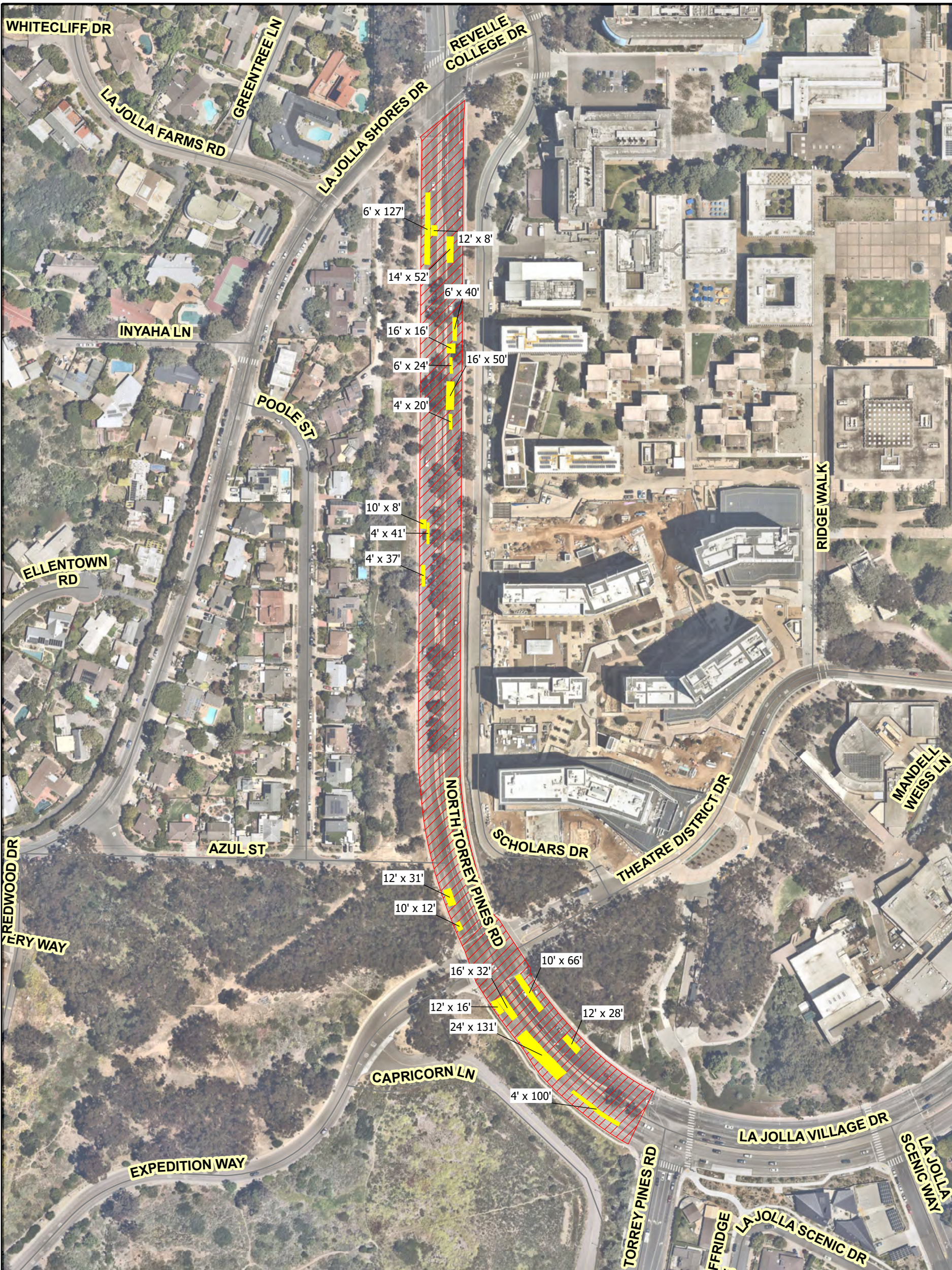
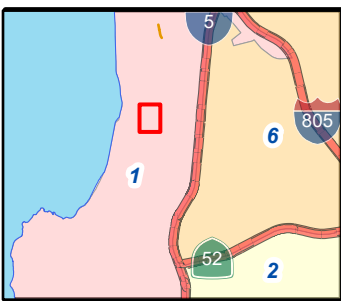
ADDENDUM 1



THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY © to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY ©. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.

**AC OVERLAY GROUP 2402
MAP BOOK 5**

SENIOR ENGINEER JANICE JARO 619-533-3851	PROJECT MANAGER CHUN YU CHAN 619-533-7416	PROJECT ENGINEER CARLOS NOVOA 619-533-6647	FOR QUESTIONS ABOUT THIS PROJECT Call: (619) 533-4207 Email: engineering@sanidiego.gov
--	---	--	---



Legend

- B24012_Digouts
- AC2402 Paving Limits



COMMUNITY NAME: LA JOLLA

COUNCIL DISTRICT: 1

WBS NO: B24012

Date: 7/15/2024
July 26, 2024
AC Overlay Group 2402

ADDENDUM 1



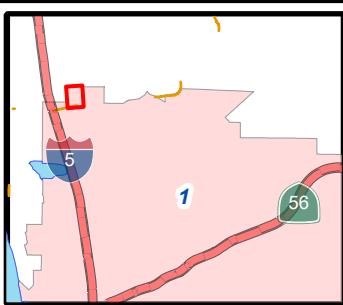
THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.

SENIOR ENGINEER
JANICE JARO
619-533-3851

PROJECT MANAGER
CHUN YU CHAN
619-533-7416

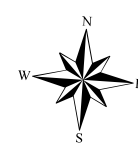
PROJECT ENGINEER
CARLOS NOVOA
619-533-6647

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



Legend

- B24012_Digouts
- AC2402 Paving Limits



COMMUNITY NAME: VIA DE LA VALLE

Date: 7/15/2024
July 26, 2024
AC Overlay Group 2402

COUNCIL DISTRICT: 1
ADDENDUM 1



WBS NO: B24012
16

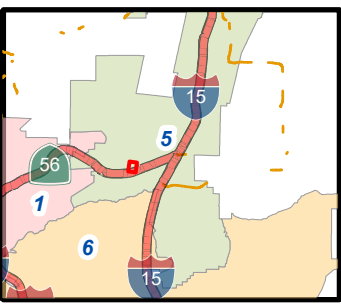
THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.

SENIOR ENGINEER
JANICE JARO
619-533-3851

PROJECT MANAGER
CHUN YU CHAN
619-533-7416

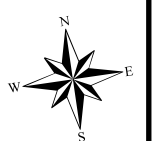
PROJECT ENGINEER
CARLOS NOVOA
619-533-6647

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



Legend

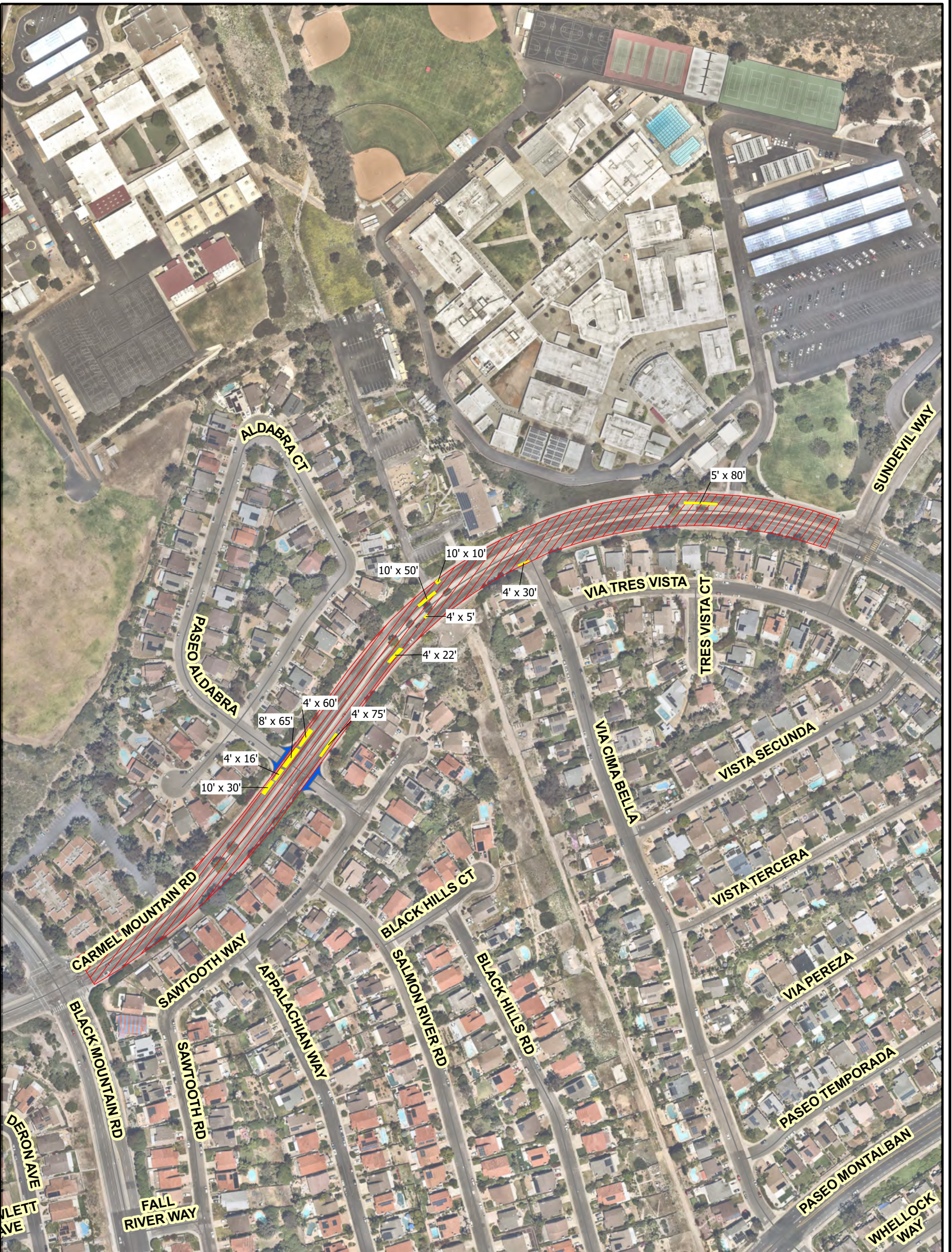
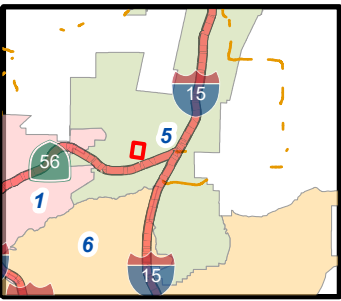
- B24012_Digouts
- Proposed Cross Gutter Replacement
- AC2402 Paving Limits



THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.

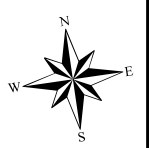
**AC OVERLAY GROUP 2402
MAP BOOK 8**

SENIOR ENGINEER JANICE JARO 619-533-3851	PROJECT MANAGER CHUN YU CHAN 619-533-7416	PROJECT ENGINEER CARLOS NOVOA 619-533-6647	FOR QUESTIONS ABOUT THIS PROJECT Call: (619) 533-4207 Email: engineering@san Diego.gov
--	---	--	---



Legend

- B24012_Digouts
- Proposed Cross Gutter Replacement
- AC2402 Paving Limits



COMMUNITY NAME: RANCHO PENASQUITOS

COUNCIL DISTRICT: 5

WBS NO: B24012

Date: 7/15/2024
July 26, 2024
AC Overlay Group 2402

ADDENDUM 1



THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY © to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY ©. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.

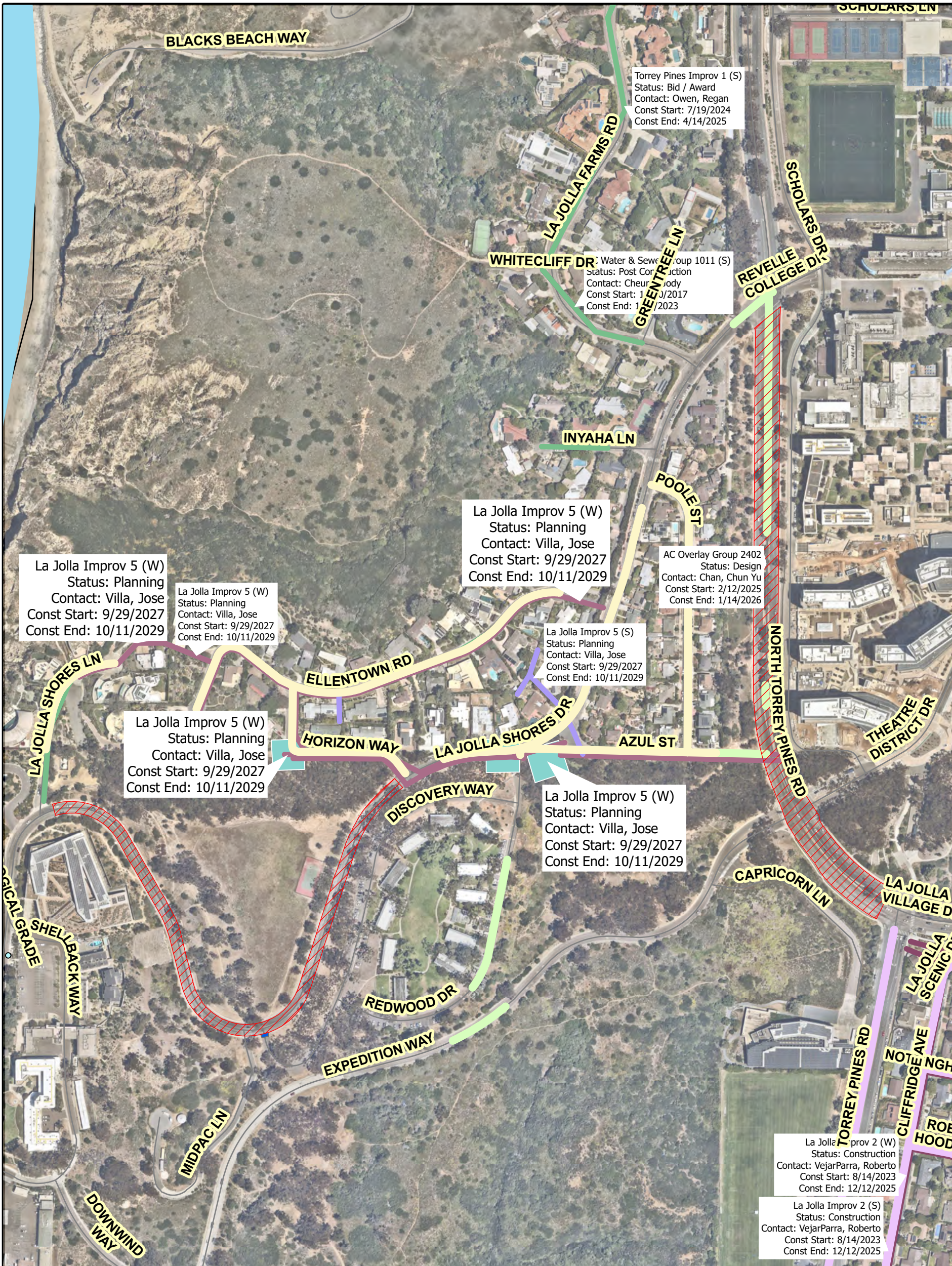
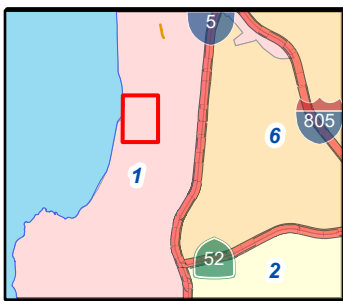
AC OVERLAY GROUP 2402

SENIOR ENGINEER
JANICE JARO
619-533-3851

PROJECT MANAGER
CHUN YU CHAN
619-533-7416

PROJECT ENGINEER
CARLOS NOVOA
619-533-6647

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

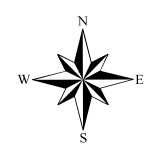


Legend

- AC2402 Paving Limits
- JOLA-S1, LA JOLLA SEGMENT 01
- Proposed Cross Gutter Replacement
- TPIN-01, TORREY PINES 01

Project ID, Project Name

- JOLA-01, LA JOLLA 01



COMMUNITY NAME: LA JOLLA COUNCIL DISTRICT: 1

July 26, 2024 Date: 7/15/2024

ADDENDUM 1



WBS NO: B24012

THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY to SanGIS. This map is copyrighted by RAND McNALLY & COMPANY. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND McNALLY & COMPANY.

APPENDIX J
ESTIMATED ASPHALT CONSTRUCTION QUANTITIES

SAP ID	Street Name	Cross Street 1	Cross Street 2	2023 PCI Score	Street Classification	Geographic Area	Council District	Estimated Street Length (FT)	Estimated Street Width (FT)	Estimated Repair Miles	Proposed AC Thickness (inches)	2" Edge Mill (SF)	3" Edge Mill (SF)	2" Cold Mill (SF)	3" Cold Mill (SF)	2" AC Overlay with Aramid Fibers (Ton)	3" AC Overlay with Aramid Fibers (Ton)	2" AC Overlay (Ton)	3" AC Overlay (Ton)	Total Base Repair (SF)	Loops			Adjust GV to Grade (EA)	Adjust MH to Grade (EA)	Cross Gutter (SF)	Remove and Replace Existing Curb & Gutter (LF)	Inlet Markers (EA)	Replace Survey Monument concrete encasement (EA)
																					Type E (EA)	Type E Mod (EA)	Type Q Bike (EA)						
SS-020127-PV1	North Torrey Pines Rd	La Jolla Village Dr	La Jolla Shores Dr	19.82	4-Lane Major	La Jolla	1	2131	32	0.404	3.00				46,906.64		820.87			9074	30	15	4	9	9	0		0	1
SS-023978-PV1	San Andres Dr	Flower Hill Dr	Via Campestre	23.47	2-Lane Collector	Via De La Valle	1	1640	40	0.311	3.00				65,604.00		1,148.07			6839	0	0	0	15	19	0		2	1
SS-015617-PV1	La Jolla Shores Dr	La Jolla Shores Ln	Horizon Wy	25.72	2-Lane Collector	La Jolla	1	2096	40	0.397	3.00				83,853.60		1,467.44			14824	0	0	0	0	0	230		2	0
SS-027019-PV1	Twin Trails Dr	Black Mountain Rd	Fairgrove Ln	28.19	2-Lane Collector	Rancho Penasquitos	5	530	62	0.201	3.00		6,365.40				556.66			880	17	3	0	19	7	620		3	0
SS-006444-PV1	Carmel Mountain Rd	Via San Marco	Cuca St	32.81	4-Lane Major	Rancho Penasquitos	5	598	98	0.226	2.00			53,883.86		628.65			7105	7	3	1	3	2	1380		0	0	
SS-006417-PV1	Carmel Mountain Rd	Paseo Aldabra	Via Cima Bella	33.71	4-Lane Major	Rancho Penasquitos	5	790	82	0.299	3.00				55,196.76		965.94			1888	0	0	0	1	5	690		1	0
SS-006443-PV1	Carmel Mountain Rd	Cuca St	Gerana St	37.35	4-Lane Major	Rancho Penasquitos	5	1510	80	0.572	3.00				95,016.40		1,662.79			4698	14	6	2	6	4	0		2	0
SS-006416-PV1	Carmel Mountain Rd	Via Cima Bella	Sundevil Wy	39.03	4-Lane Major	Rancho Penasquitos	5	843	82	0.319	3.00				62,890.88					400	7	3	1	1	5	0		0	0
SS-010058-PV1	El Camino Real	Quarter Mile Dr	Half Mile Dr	39.49	4-Lane Major	Carmel Valley	1	1982	44	0.375	3.00				64,788.48		1,133.80			14510	12	6	2	12	8	0		4	0
SS-006419-PV1	Carmel Mountain Rd	Black Mountain Rd	Paseo Aldabra	39.5	4-Lane Major	Rancho Penasquitos	5	801	82	0.304	3.00				60,939.34				1,066.44	364	7	3	1	1	5	0		1	2
SS-010060-PV1	El Camino Real	High Bluff Dr	Townsgate Dr	40.21	6-Lane Major	Carmel Valley	1	2306	102	0.873	3.00				214,544.38		3,754.53			5158	36	16	4	19	9	0		2	0
SS-006424-PV1	Carmel Mountain Rd	Paseo Cardiel	Freeport Rd	41.63	4-Lane Major	Rancho Penasquitos	5	846	82	0.321	3.00				66,730.50					8204	14	6	2	8	2	0		4	1
SS-013468-PV1	High Bluff Dr	El Camino Real	Del Mar Heights Rd	42.29	4-Lane Major	Carmel Valley	1	3193	80	1.209	3.00				204,958.00					3331	33	15	5	43	13	0		3	3
SS-010933-PV1	Fay Av	Pearl St	Kline St	43.07	2-Lane Collector	La Jolla	1	1153	52	0.437	3.00				59,959.12					0	6	0	0	10	6	0		2	0
SS-010057-PV1	El Camino Real	Half Mile Dr	Derby Downs Rd	43.34	4-Lane Major	Carmel Valley	1	1135	56	0.430	3.00				53,484.80					16	14	6	2	10	4	0		1	1
SS-006425-PV1	Carmel Mountain Rd	Freeport Rd	Stoney Creek Rd	49	4-Lane Major	Rancho Penasquitos	5	2663	82	1.009	3.00				177,736.82					7539	14	6	2	6	4	370		0	0
SS-030731-PV1	Del Mar Heights Rd	Signature Pt	Carmel Country Rd	50.49	6-Lane Major	Carmel Valley	1	746	100	0.283	3.00				71,933.00					180	21	9	2	4	2	0		1	0
SS-008974-PV1	Del Mar Heights Rd	Torrey Ridge Dr	Lansdale Dr	50.82	6-Lane Major	Carmel Valley	1	1559	100	0.591	3.00				140,731.00					270	18	8	2	0	12	900		3	0
SS-008960-PV1	Del Mar Heights Rd	Carmel Country Rd	Torrey Ridge Dr	55.87	6-Lane Major	Carmel Valley	1	1201	100	0.455	3.00				112,239.00					378	21	9	2	9	7	0		4	2
SS-006415-PV1	Carmel Mountain Rd	Via Rimini	Via San Marco	59.44	4-Lane Major	Rancho Penasquitos	5	1206	82	0.457	2.00	14,467.32				946.89				3630	0	0	0	6	1	0		1	0
SS-010059-PV1	El Camino Real	Del Mar Heights Rd	Quarter Mile Dr	64.66	6-Lane Major	Carmel Valley	1	1029	44	0.195	3.00				36,730.56					1626	19	5	2	9	8	0		2	1
SS-027016-PV1	Twin Trails Dr	Fairgrove Ln	Paseo Montalban	65.5	2-Lane Collector	Rancho Penasquitos	5	1713	52	0.649	3.00				89,071.32					0	2	4	0	3	4	0		1	1
SS-010066-PV1	El Camino Real	Townsgate Dr	Del Mar Heights Rd	65.81	6-Lane Major	Carmel Valley	1	1751	44	0.332	3.00				68,061.96		1,191.08			2208	44	20	5	9	11	0		4	3
SS-008961-PV1	Del Mar Heights Rd	El Camino Real	Signature Pt	71.14	6-Lane Major	Carmel Valley	1	732	100	0.277	3.00				68,654.00					1096	23	10	2	4	4	0		2	0
SS-006418-PV1	Carmel Mountain Rd	Stoney Creek Rd	Via Rimini	76.18	4-Lane Major	Rancho Penasquitos	5	1460	82	0.553	3.00				97,664.90					1991	7	3	1	2	1	0		0	0
								Totals		11.48		14,467.32	6,365.40	53,883.86	2,197,465.01	1,733.09	12,701.17	0.00	22,815.16	96,209.00	366.00	156.00	42.00	209.00	152.00	4,609.00	0.00	45.00	16.00

ATTACHMENT H

PRICE FORMS

PRICE PROPOSAL FORMS

The Design-Builder agrees to the design and construction of **AC Overlay Group 2402**, for the City of San Diego, in accordance with these contract documents for the lump sum price listed below. The Design-Builder guarantees the proposed prices for a period of 120 Days from the date Proposals are due. The duration of the price guarantee may be extended as required by mutual consent.

Item No.	NAICS CODE	Description	Quantity	D*	Unit	Unit Price	Extension
BASE PROPOSAL							
1	524126	Bonds (Payment and Performance)	1		LS	 	\$
2	237310	Caltrans Encroachment Permit Submittal (EOC Type I)	1	D	AL	 	\$25,000.00
3	541820	Exclusive Community Liaison Services	1		LS	 	\$
4	541330	Engineering and Designs Services (Curb Ramp Special Design)	1	D	LS	 	\$
5	237310	Construction (Curb Ramp Special Design)	1	D	LS	 	\$
6		Field Orders (EOC Type II)	1		AL	 	\$705,000.00
7	237310	Compensation Adjustments for Price Index Fluctuation (EOC Type I)	1		AL	 	\$500,000.00
8	237310	Asphalt Pavement Repair	21977		SF	\$	\$
9	237310	Asphalt Pavement Restoration (Concrete Flatwork)	1860		SF	\$	\$
10	237310	Excavation for Base Repair (Unscheduled)	250		CY	\$	\$

Item No.	NAICS CODE	Description	Quantity	D*	Unit	Unit Price	Extension
11	237310	Excavation for Base Repair	3300		CY	\$	\$
12	237310	Class 2 Aggregate Base	400		TON	\$	\$
13	237310	Crushed Miscellaneous Base	2900		TON	\$	\$
14	237310	Crushed Miscellaneous Base (Unscheduled)	260		TON	\$	\$
15	237310	Asphalt Concrete Base	2900		TON	\$	\$
16	237310	Asphalt Concrete Base (Unscheduled)	260		TON	\$	\$
17	237310	Asphalt Concrete Overlay	25100		TON	\$	\$
18	237310	Cross Gutter	4600		SF	\$	\$
19	237310	Unclassified Excavation and Export	320		CY	\$	\$
20	237310	Remove and Reconstruct Raised Median Nose	290		SF	\$	\$
21	237310	Curb Ramp (Type A) with Stainless Steel Detectable Warning Tiles	12		EA	\$	\$
22	237310	Curb Ramp (Type A1) with Stainless Steel Detectable Warning Tiles	16		EA	\$	\$
23	237310	Curb Ramp (Type B) with Stainless Steel Detectable Warning Tiles	5		EA	\$	\$

Item No.	NAICS CODE	Description	Quantity	D*	Unit	Unit Price	Extension
24	237310	Curb Ramp (Type C1) with Stainless Steel Detectable Warning Tiles	1		EA	\$	\$
25	237310	Curb Ramp (Type C2) with Stainless Steel Detectable Warning Tiles	12		EA	\$	\$
26	237310	Curb Ramp (Type C3) with Stainless Steel Detectable Warning Tiles	5		EA	\$	\$
27	237310	Curb Ramp (Type D) with Stainless Steel Detectable Warning Tiles	10		EA	\$	\$
28	237310	Pedestrian Protective Railing and Handrail	15		LF	\$	\$
29	237310	Removal and Replacement of Existing Paint Striping	1		LS		\$
30	237310	Removal and Replacement of Existing Paint Striping (Carmel Mountain Road 1)	1		LS		\$
31	237310	Removal and Replacement of Existing Paint Striping (Carmel Mountain Road 2)	1		LS		\$
32	237310	Removal and Replacement of Existing Paint Striping (San Andres)	1		LS		\$
33	237310	Removal and Replacement of Existing Paint Striping (North Torrey Pines Road)	1		LS		\$
34	237310	Removal and Replacement of Existing Paint Striping (el Camino Real)	1		LS		\$
35	237310	Removal and Replacement of Existing Paint Striping (Del Mar Heights)	1		LS		\$
36	238990	Video Recording of Existing Conditions	1		LS		\$
37	237310	Adjust Existing Gate Valve Frame and Cover to Grade	209		EA	\$	\$
38	237310	Adjust Existing Manhole Frame and Cover to Grade	152		EA	\$	\$

Item No.	NAICS CODE	Description	Quantity	D*	Unit	Unit Price	Extension
39	237310	Reconstruct Survey Monument Box	16		EA	\$	\$
40	237310	Traffic Signal Loop and Appurtenance (Type E and Type E Modified)	142		EA	\$	\$
41	237310	Traffic Signal Loop and Appurtenance (Type Q)	11		EA	\$	\$
42	237310	Cold Mill Type B Full Width AC Pavement (2 inch)	59000		SF	\$	\$
43	237310	Cold Mill Type B Full Width AC Pavement (3 inch)	2197737		SF	\$	\$
44	237310	Cold Mill Type A 6 ft Edge AC Pavement (2 Inch)	14467		SF	\$	\$
45	237310	Cold Mill Type A 6 ft Edge AC Pavement (3 Inch)	6365		SF	\$	\$
46	541330	Traffic Control and Working Drawings	1	D	LS	 	\$
47	541330	Traffic Control and Engineered Traffic Control Plans	1	D	LS	 	\$
48	237310	Pedestrian Barricade (Type A)	10		EA	\$	\$
49	237310	New Pedestrian Push Button Post	41		EA	\$	\$
50	237310	New Pedestrian Push Button	41		EA	\$	\$
51	238910	Root Pruning and Crown Reduction	2		EA	\$	\$
52	237310	Inlet Marker	45		EA	\$	\$
53	541330	WPCP Development	1	D	LS	 	\$

Item No.	NAICS CODE	Description	Quantity	D*	Unit	Unit Price	Extension
54	237310	WPCP Implementation	1		LS	 	\$
55	237310	Asphalt concrete with Aramid Fiber (2.1 Oz Aramid Fiber per Ton Asphalt Concrete) - 2 Inch	1900		TON	\$	\$
56	237310	Asphalt concrete with Aramid Fiber (2.1 Oz Aramid Fiber per Ton Asphalt Concrete) - 3 Inch	14000		TON	\$	\$
TOTAL DESIGN-BUILD BASE PROPOSAL (ITEMS NO. 1 THROUGH 56 INCLUSIVE):							\$

*** Design Element (For City Use)**

(AC2402) CARMEL MOUNTAIN RD (BL) STRIPING, SIGNAGE & ELECTRICAL IMPROVEMENT

ABBREVIATIONS

BTWN	BETWEEN
CR	CURB RETURN
LF	LINEAR FEET
TYP	TYPICAL

DISCIPLINE CODE

E	ELECTRICAL
T	TRAFFIC

GENERAL NOTES

SHEET INDEX

- 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:

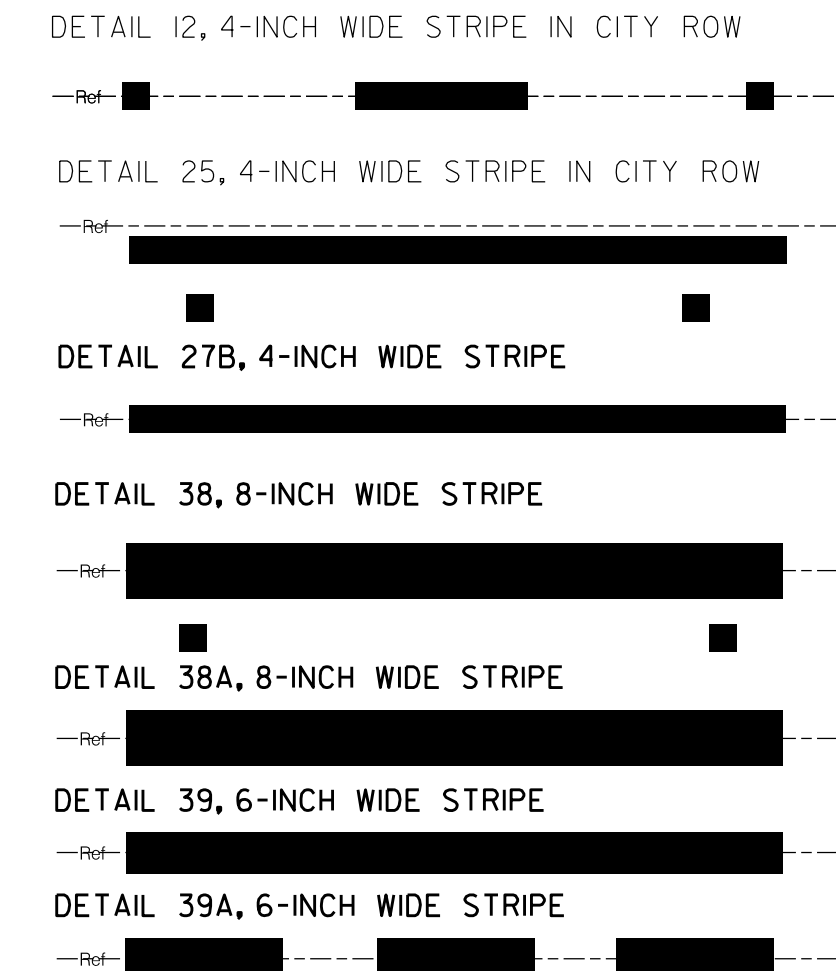
DOCUMENT NO.	EDITION	DESCRIPTION
ECPIOI022-01	2021	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "GREENBOOK")
ECPIOI022-02	2021	CITY OF SAN DIEGO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "WHITEBOOK")
ECPIOI022-03	2021	CITY OF SAN DIEGO STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION
ECPD092023-05	2023	CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS
ECPD092023-06	2023	CALTRANS STANDARDS PLANS
ECPD032324-07	2014 REV. 8	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.
- PEDESTRIAN CROSSWALKS, LIMIT LINES, PAVEMENT ARROWS, PAVEMENT LEGENDS, DIAGONAL MARKINGS, CHEVRON MARKINGS, AND ALL BIKEWAY MARKINGS, SHALL BE INSTALLED UTILIZING 125 MIL THICKNESS THERMOPLASTIC MARKING MATERIAL.
- ALL MEDIAN NOSES SHALL BE PAINTED YELLOW.
- ADD CONTRAST MARKING ON CONCRETE PAVEMENT PER CALTRANS STANDARD PLAN A20E
- 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.
- 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.
- SIGN POSTS SHALL BE INSTALLED WITH SQUARE PERFORATED STEEL TUBING WITH A BREAKAWAY BASE, PER CITY OF SAN DIEGO STANDARD DRAWING SDM-104 OR CALTRANS STANDARD PLAN, AS SHOWN ON PLAN.
- STATIONING PROVIDED FOR STRIPING LAYOUT ONLY AND IS NOT SURVEY BASED STATIONING.
- ALL STRIPING AND PAVEMENT MARKINGS IN CALTRANS RIGHT OF WAY TO BE THERMOPLASTIC (WET NIGHT VISIBILITY) EXCEPT CONTRAST STRIPING IS PAINT.

SHEET NO.	DISCIPLINE CODE	TITLE	LIMITS
1	T-1	COVER SHEET	
2	T-2	DETAILS AND LEGEND	
3	T-3	STRIPING PLAN	PASEO CARDIEL & STA. 3+75
4	T-4	STRIPING PLAN	STA. 3+75 & STA. 15+70
5	T-5	STRIPING PLAN	STA. 15+70 & STA. 27+00
6	T-6	STRIPING PLAN	STA. 27+00 & STA. 38+00
7	T-7	STRIPING PLAN	STA. 38+00 & STA. 50+00
8	T-8	STRIPING PLAN	STA. 50+00 & STA. 62+00
9	T-9	STRIPING PLAN	STA. 62+00 & STA. 73+00
10	T-10	STRIPING PLAN	STA. 73+00 & GERANA ST
11	T-11	SIGNAGE CHART	
12	T-12	SIGNAGE PLAN	
13	T-13	SIGNAGE PLAN	PASEO CARDIEL & STA. 3+75
14	T-14	SIGNAGE PLAN	STA. 3+75 & STA. 15+70
15	T-15	SIGNAGE PLAN	STA. 15+70 & STA. 27+00
16	T-16	SIGNAGE PLAN	STA. 27+00 & STA. 38+00
17	T-17	SIGNAGE PLAN	STA. 38+00 & STA. 50+00
18	T-18	SIGNAGE PLAN	STA. 50+00 & STA. 62+00
19	T-19	SIGNAGE PLAN	STA. 62+00 & STA. 73+00
20	E-1	ELECTRICAL PLAN	AT PASEO CARDIEL
21	E-2	ELECTRICAL PLAN	AT FREE PORT ROAD
22	E-3	ELECTRICAL PLAN	AT STONEY CREEK RD
23	E-4	ELECTRICAL PLAN	AT CUCA ST
24	E-5	ELECTRICAL PLAN	AT GERANA ST

STRIPING DETAILS:

LANE WIDTH DIMENSIONS ARE DEFINED AS CENTER OF STRIPE TO TOP 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):



SIGNAGE CONSTRUCTION NOTES:

- IS** INSTALL NEW SIGN
- RE** REMOVE EXISTING SIGN

ELECTRICAL CONSTRUCTION NOTES

- 12** INSTALL TYPE O 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 SHOWN PER PLAN. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
- 13** REPLACE EXISTING LOOPS WITH NEW TYPE E (MOD) DETECTOR LOOPS PER CITY OF SAN DIEGO STANDARD DRAWING SDE-104 AND NEW TYPE E DETECTOR LOOPS PER CALTRANS LOOP DETECTOR CONFIGURATION STANDARD PLAN ES-5B AS SHOWN ON PLAN.
- 14** REPLACE EXISTING LOOPS WITH NEW TYPE D AND TYPE E DETECTOR LOOPS PER CALTRANS STANDARD PLAN ES-5B AND INSTALL LOOPS PER CALTRANS ED-2 ATTACHMENT. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.

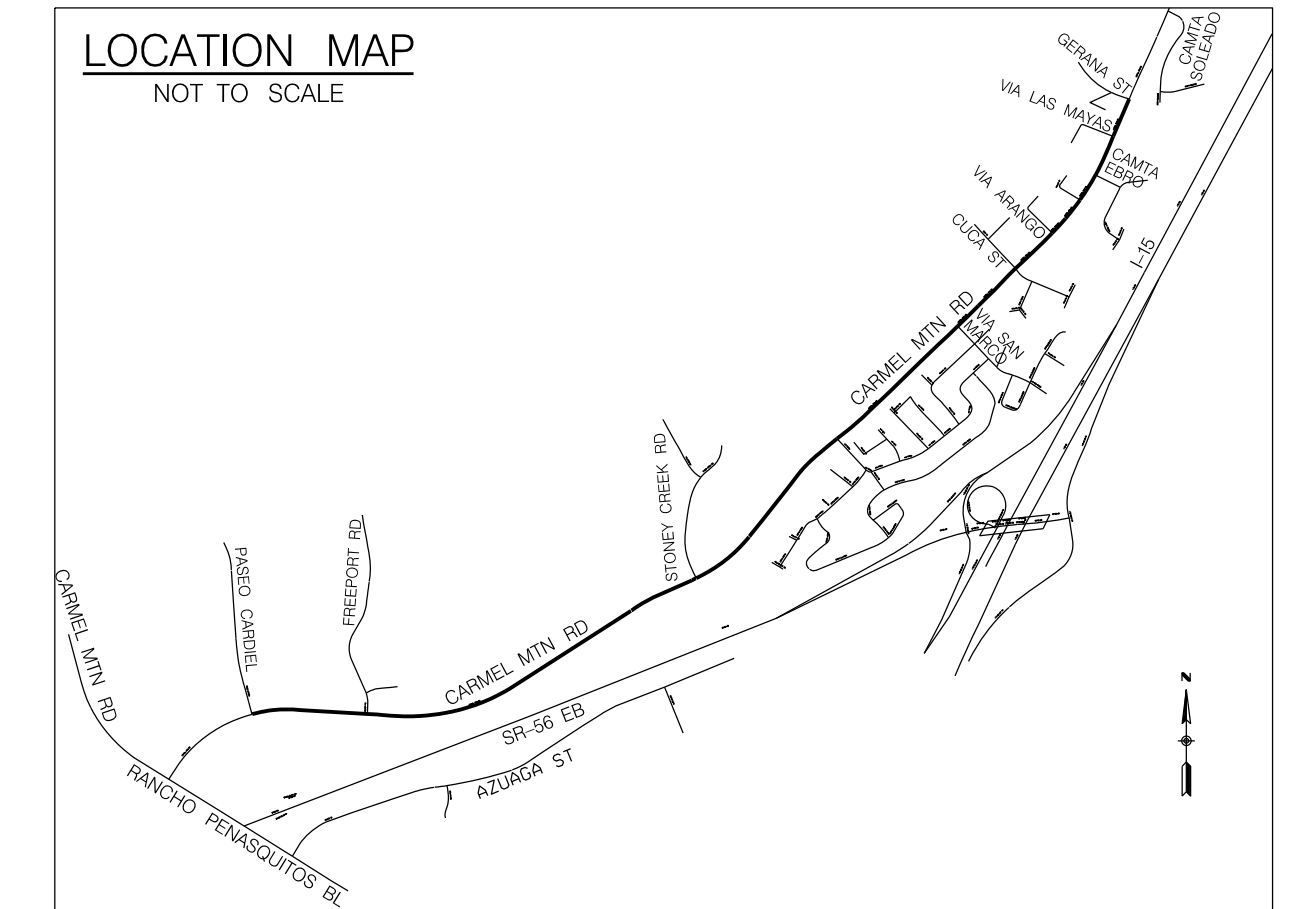
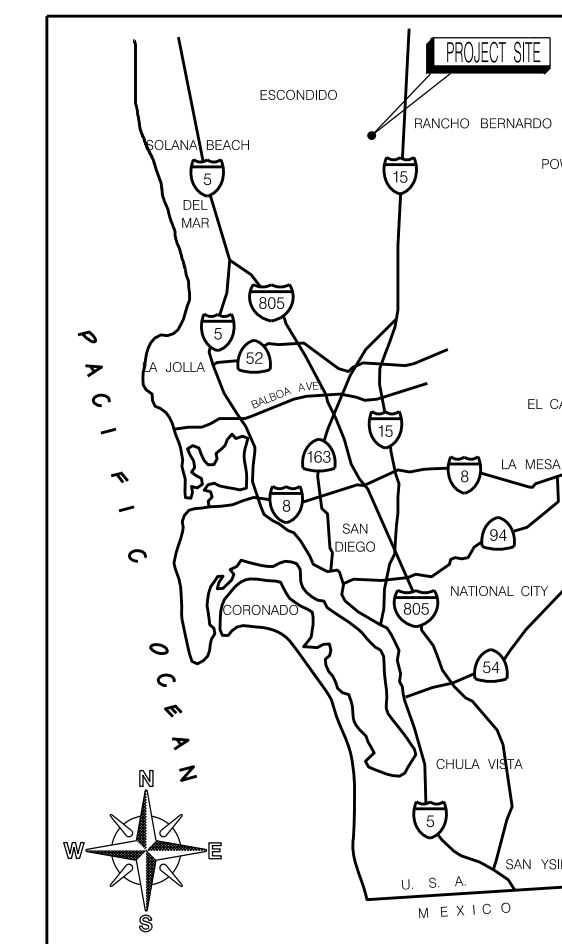
STRIPING CONSTRUCTION NOTES:

- 1** INSTALL BIKE LANE ARROW AND BIKE SYMBOL WITH PERSON, PER CALTRANS STANDARD PLAN A24A AND A24C, 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 PAVEMENT MARKING LIMIT LINE (STOP LINE) PER CALTRANS STANDARD PLAN A24G.
- 3** INSTALL 6" WHITE DIAGONAL CROSS HATCHING THERMOPLASTIC 125 MIL STRIPE, ANGLED AT 45 DEGREES AND AT 20' INTERVALS. SEE BUFFERED BICYCLE LANE DETAIL.
- 4** INSTALL WHITE CONTINENTAL CROSSWALK MARKINGS, PER CITY OF SAN DIEGO STANDARD DRAWING NUMBER 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.
- 5** INSTALL YELLOW CONTINENTAL CROSSWALK MARKINGS, PER CITY OF SAN DIEGO STANDARD DRAWING NUMBER 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.
- 6** INSTALL SHARED ROADWAY BICYCLE MARKING, PER CALTRANS STANDARD PLAN A24C. SHARED ROADWAY BICYCLE MARKING SHALL BE POSITIONED IN CENTER OF TRAVEL LANE, OR AS SHOWN PER PLAN.
- 7** INSTALL PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A, IN CENTER OF TRAVEL LANE. PLACE PAVEMENT ARROW 10' FROM BEGINNING OF POCKET, OR AS SHOWN ON PLAN.
- 8** INSTALL PAVEMENT MARKING 'BUS BIKE ONLY', PER CALTRANS STANDARD PLAN A24E.
- 9** INSTALL PAVEMENT MARKING 'SIGNAL', PER CALTRANS STANDARD PLAN A24D.
- 10** INSTALL PAVEMENT MARKING 'AHEAD', PER CALTRANS STANDARD PLAN A24D.
- 11** INSTALL SKID/SLIP RESISTANT BIKE LANE GREEN PREFORMED THERMOPLASTIC PAVEMENT MATERIAL IN ACCORDANCE WITH FHWA IA-14. GREEN THERMOPLASTIC SHOULD NOT BE PLACED IN GUTTER PAN WHERE PRESENT. SEE 'DETAIL A' GREEN DASHED PATTERN LAYOUT WITH DETAIL 39A ON ONE SIDE.

TRAFFIC DATA TABLE

STREET NAME	LIMITS	ADT (AVERAGE DAILY TRAFFIC VOLUME)	85TH PERCENTILE SPEED (MPH)	DESIGN SPEED (STREET DESIGN MANUAL) (MPH)	POSTED SPEED LIMIT (MPH)	STREET CLASSIFICATION	PLANNED BIKEWAY CLASSIFICATION	BIKEWAY MILEAGE (4.33 MI CLASS II)
CARMEL MOUNTAIN RD	PASEO CARDIEL RD TO FREEPORT RD	13,972 (MARCH 2014)	46 (WB) 47 (EB)	55	40	4 LANE MAJOR RANCHO PENASQUITOS CP	CLASS II	0.33 MI (CLASS II)
CARMEL MOUNTAIN RD	FREEPORT RD TO STONEY CREEK RD	8215 (AUGUST 2020)	46 (WB) 47 (EB)	55	40	4 LANE MAJOR RANCHO PENASQUITOS CP	CLASS II	3.43 MI (CLASS II)
CARMEL MOUNTAIN RD	CUCA ST TO GERANA ST	13,309 (JANUARY 2016)	46 (WB) 47 (EB)	55	40	4 LANE MAJOR RANCHO PENASQUITOS CP	CLASS II	0.57 MI (CLASS II)

NOTE - ADVANCE LOOP PLACEMENT PER THE ROUNDED 85TH PERCENTILE SPEED OR POSTED SPEED, WHICHEVER IS GREATER OR AS SHOWN ON THE PLANS, TO BE NO FURTHER THAN 50' FROM STUB OUT. ALL OTHER TRAFFIC CONTROL DEVICES PER THE STREET CLASSIFICATION DESIGN SPEED IN THE STREET DESIGN MANUAL.



T-1

AC2402
CARMEL MOUNTAIN RD (BL)
BETWEEN PASEO CARDIEL & GERANA ST
COVER SHEET

CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION DEPARTMENT SHEET 1 OF 24 SHEETS		WBS # B24012
APPROVED: <i>Brian K. Genovese</i> FOR CITY ENGINEER BRIAN K. GENOVESE DEPUTY CITY ENGINEER	DATE: 7-25-2024 C-57979 RCEP#	SUBMITTED BY: MANILYN DEL RIO PROJECT MANAGER CHECKED BY: DANIEL AZIZ PROJECT ENGINEER
DESCRIPTION	BY	APPROVED
ORIGINAL	DA	02/09/2024
ADDENDUM A	DA	07/25/2024
CONTRACTOR INSPECTOR		DATE STARTED DATE COMPLETED
6292407-1926444 CCS27 COORDINATE CCS83 COORDINATE		286-1731 0101384-1-D

CONSTRUCTION CHANGE / ADDENDUM		WARNING
CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS
▲	07/25/2024	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, & 24

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



TRANSPORTATION DEPARTMENT

LEGENDS AND DETAILS

LEGEND

STRIPING DETAILS PER CA MUTCD
FIGURE 3A-101(CA) THROUGH 3A-113

BIKE LANE SYMBOL WITH HELMETED PERSON AND
ARROW PER CALTRANS STANDARD PLAN A24A AND A24C

PROPOSED STRIPING/PAVEMENT MARKINGS

PAVEMENT ARROW TYPE IV
(L) PER CALTRANS STANDARD
PLAN A24A

SHARED ROADWAY BICYCLE MARKING
PER CALTRANS STANDARD PLAN A24C

PAVEMENT MARKING WORD
'SIGNAL' PER CALTRANS
STANDARD PLAN A24D

PAVEMENT MARKING WORD
'AHEAD' PER CALTRANS
STANDARD PLAN A24D

PAVEMENT MARKING WORD
'ONLY' PER CALTRANS
STANDARD PLAN A24E

PAVEMENT MARKING WORD
'BUS' PER CALTRANS
STANDARD PLAN A24E

PAVEMENT MARKING WORD
'BIKE' PER CALTRANS
STANDARD PLAN A24E

RAISED MEDIAN

TYPE E MODIFIED LOOP, PER
CITY OF SAN DIEGO
STANDARD DRAWING SDE-104.

TYPE E LOOP

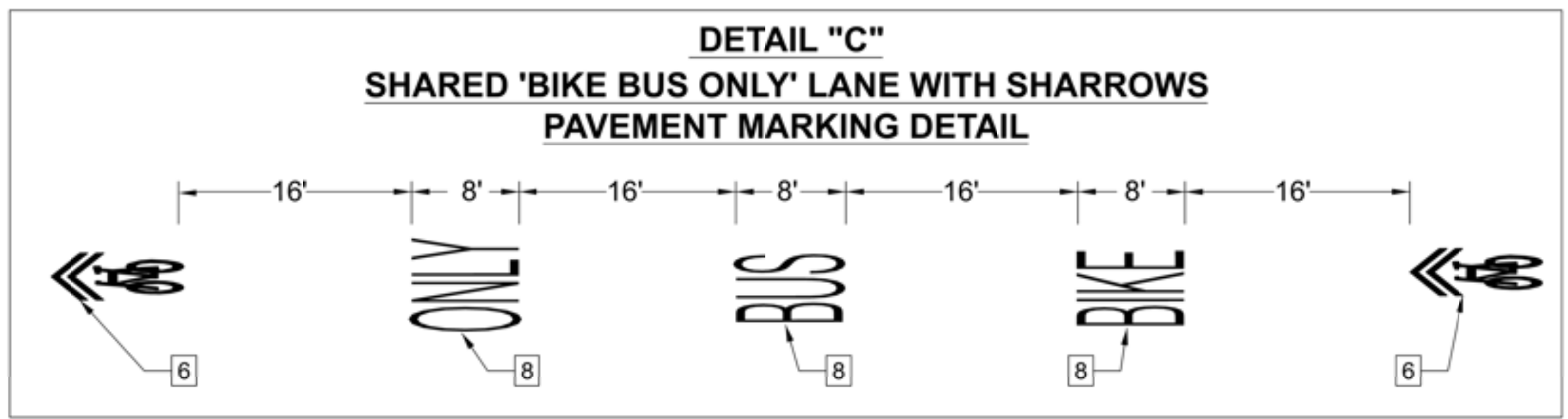
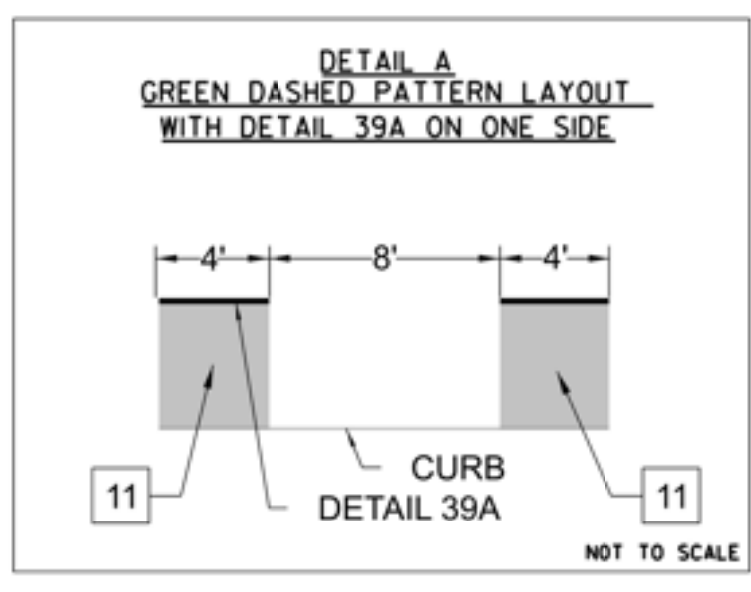
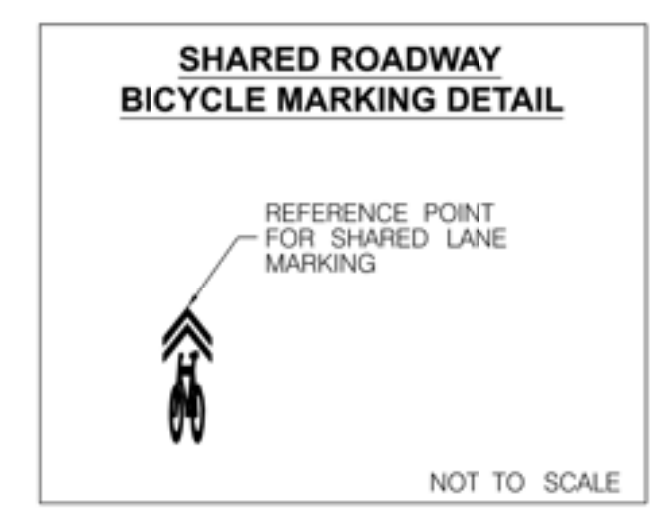
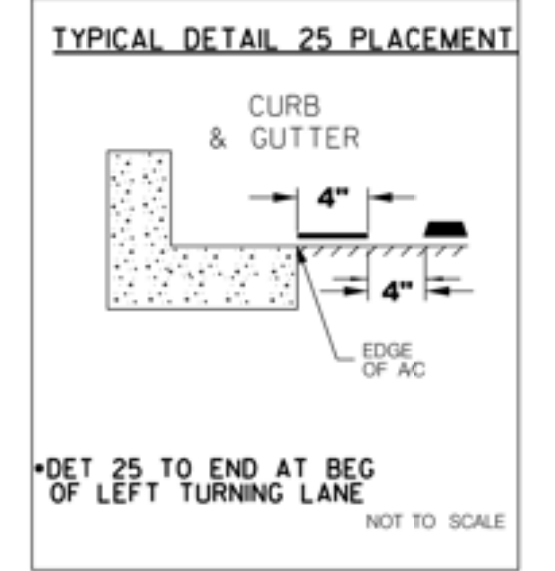
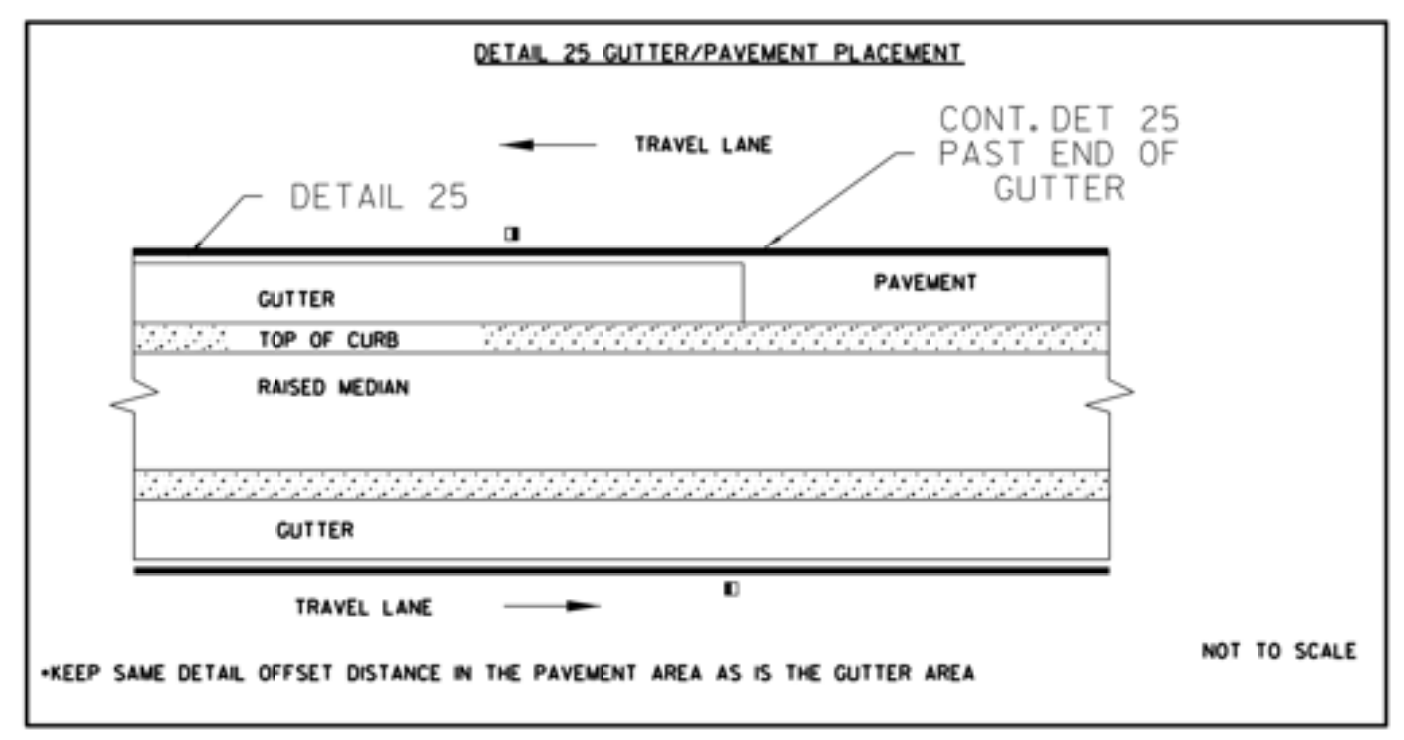
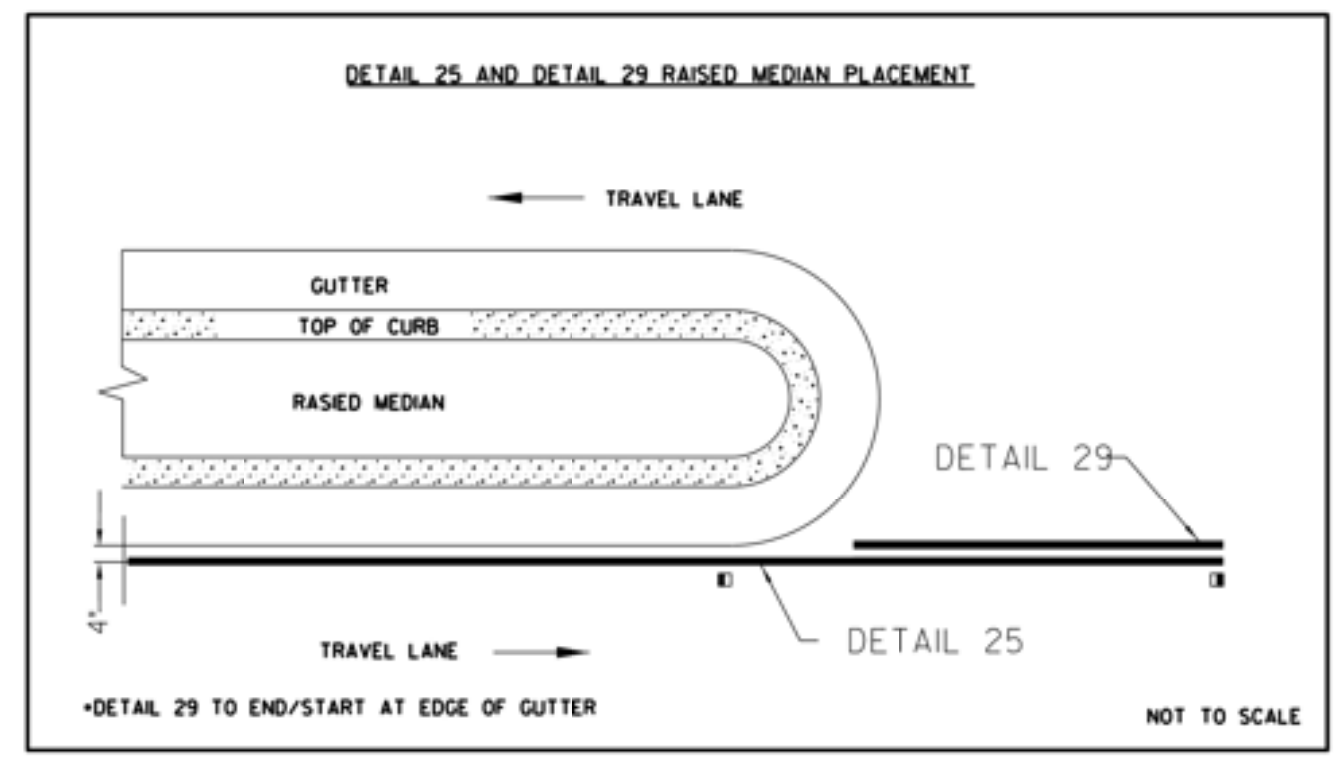
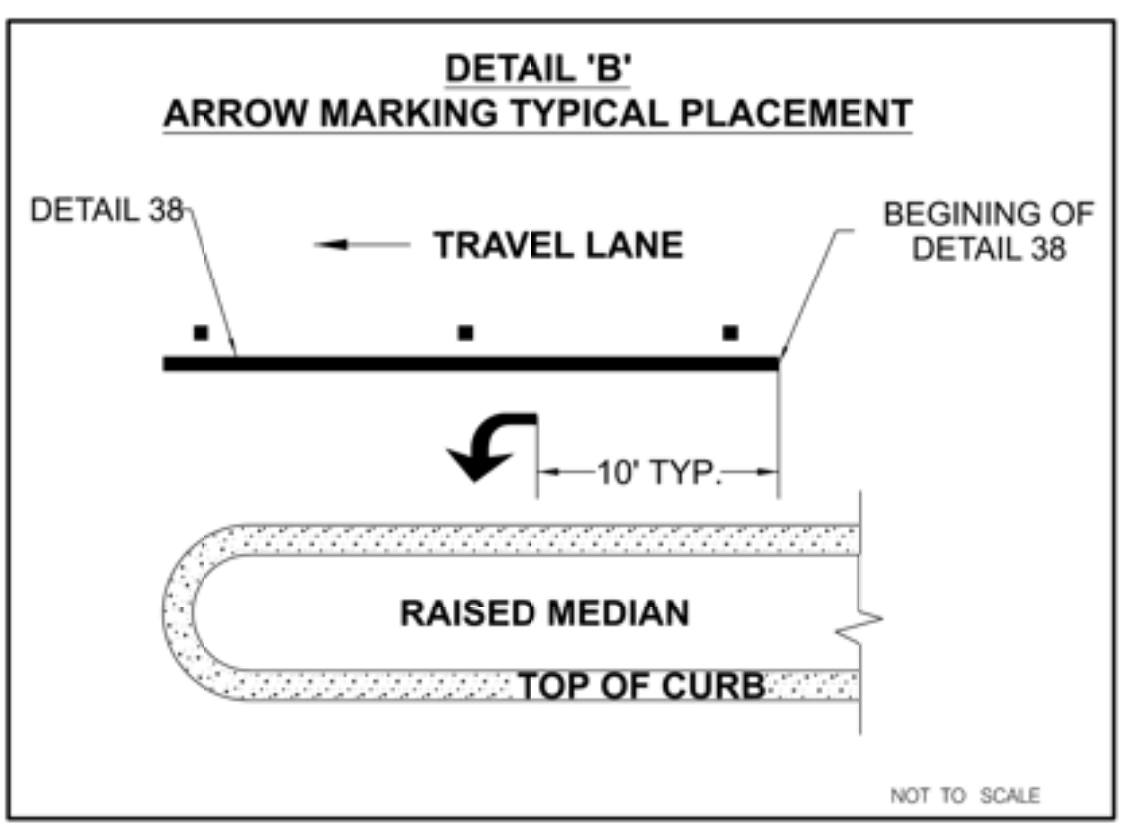
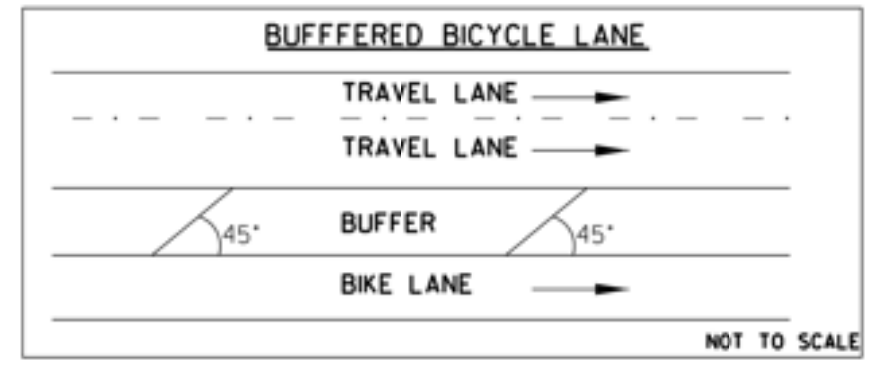
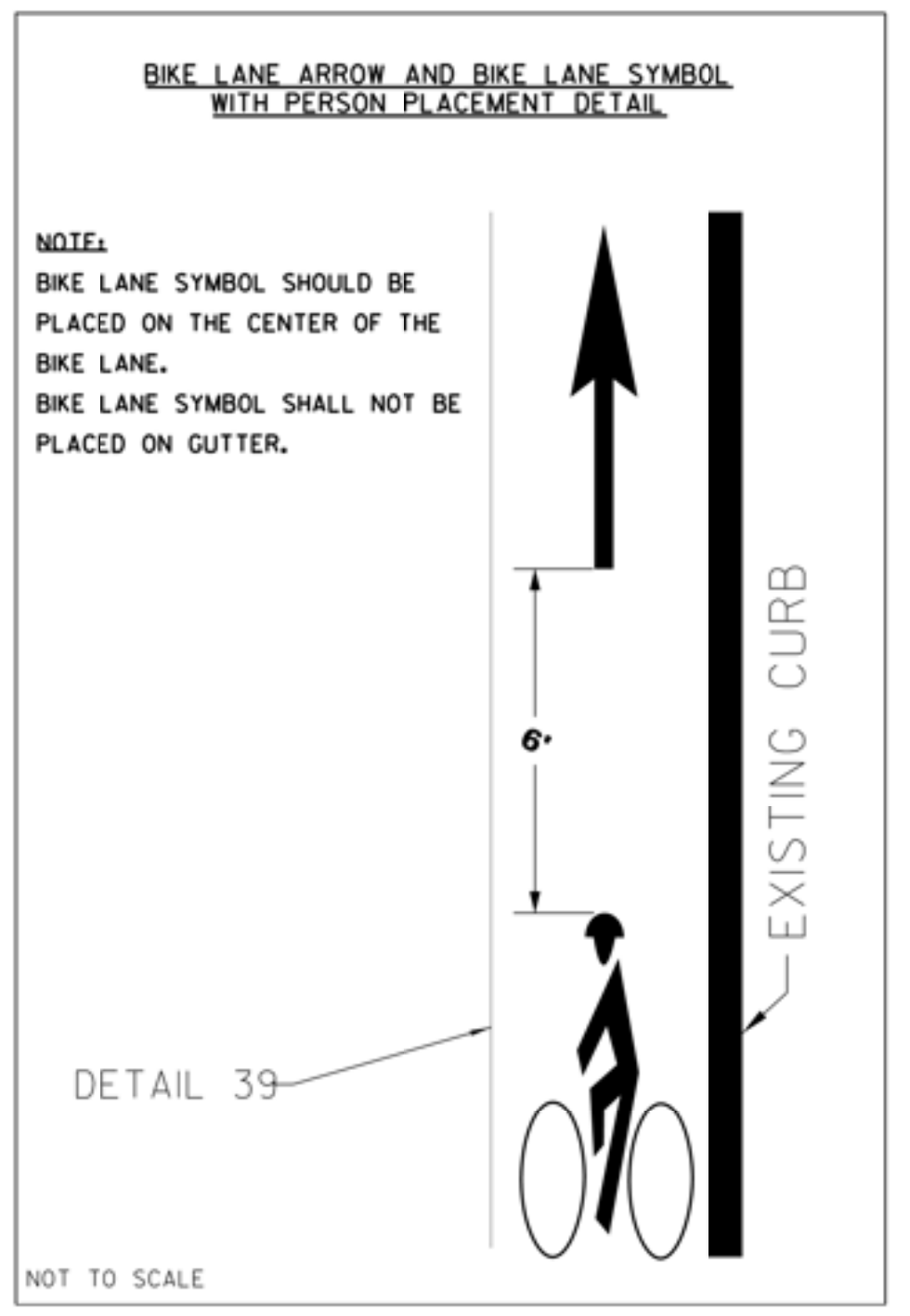
TYPE O LOOP

EXISTING STUBOUT

EXISTING POLE

NEW POLE

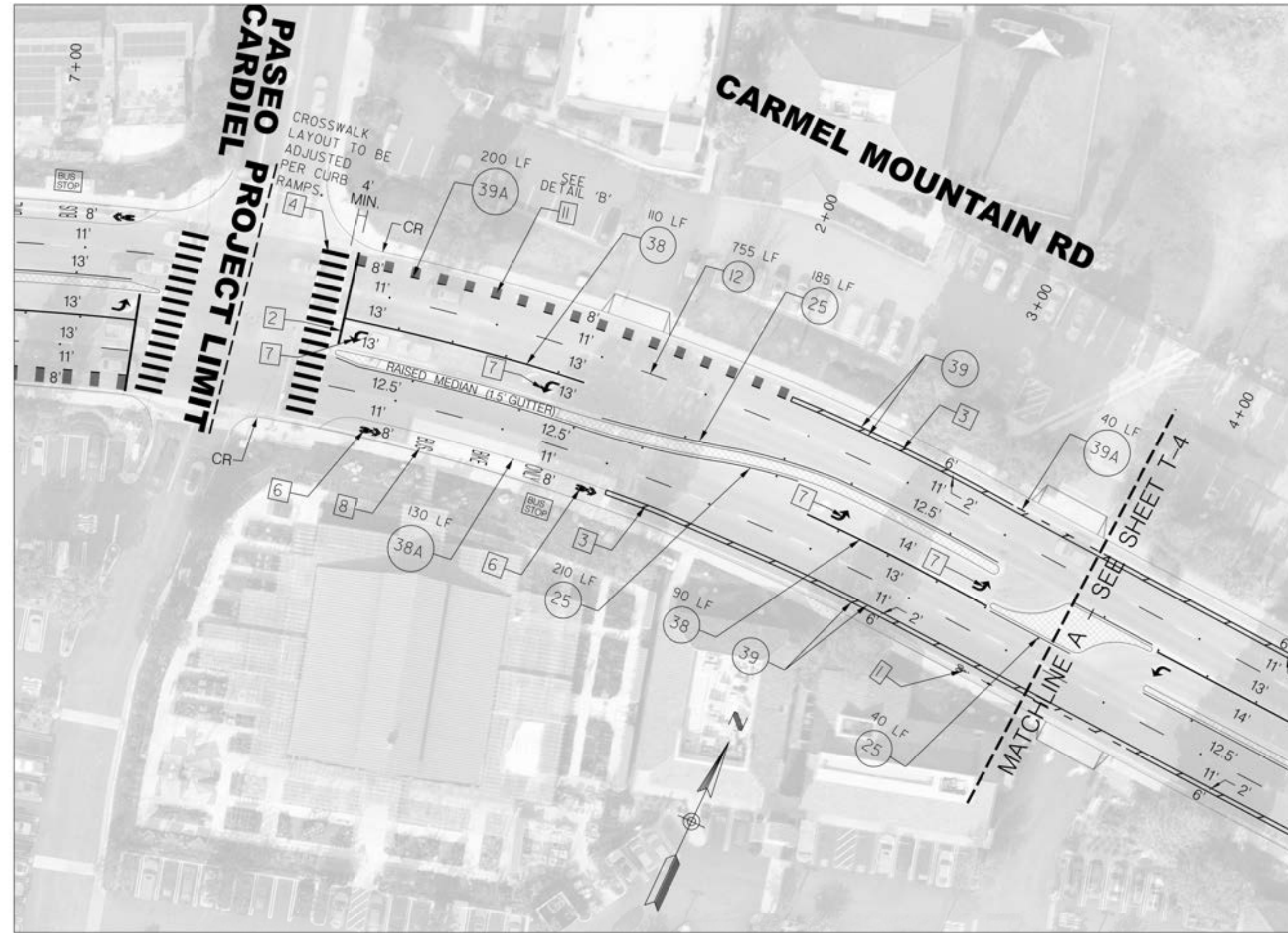
DRIVEWAY



T-2

AC2402
CARMEL MOUNTAIN RD (BL)
BETWEEN PASEO CARDIEL & GERANA ST
LEGEND AND DETAILS

CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION DEPARTMENT SHEET 2 OF 24 SHEETS		WBS # B24012
	APPROVED: <i>Brian K. Gendrese</i> FOR CITY ENGINEER BRIAN K. GENOVESE DEPUTY CITY ENGINEER	SUBMITTED BY: MANILYN DEL RIO PROJECT MANAGER CHECKED BY: DANIEL AZIZ PROJECT ENGINEER
SPEC. NO. 2305 DATE: 7-25-2024 PROJECT: C-07979	DESCRIPTION: ORIGINAL BY: DA APPROVED: 02/09/2024 DATE: 02/09/2024 FILED: 02/05/2024	286-1731 CCS27 COORDINATE 6292407-1926444 CCS83 COORDINATE
CONTRACTOR: _____ INSPECTOR: _____	DATE STARTED: _____ DATE COMPLETED: _____	0101384-2-D



STRIPING CONSTRUCTION NOTES (THIS SHEET):

- 1 INSTALL BIKE LANE ARROW AND BIKE SYMBOL WITH PERSON, PER CALTRANS STANDARD PLAN A24A AND A24C, 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 PAVEMENT MARKING LIMIT LINE (STOP LINE) PER CALTRANS STANDARD PLAN A24G.
- 3 INSTALL 6" WHITE DIAGONAL CROSS HATCHING THERMOPLASTIC 125 MIL. STRIPE, ANGLED AT 45 DEGREES AND AT 20' INTERVALS. SEE BUFFERED BICYCLE LANE DETAIL.
- 4 INSTALL WHITE CONTINENTAL CROSSWALK MARKINGS, PER CITY OF SAN DIEGO STANDARD DRAWING NUMBER 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.
- 6 INSTALL SHARED ROADWAY BICYCLE MARKING, PER CALTRANS STANDARD PLAN A24C. SHARED ROADWAY BICYCLE MARKING SHALL BE POSITIONED IN CENTER OF TRAVEL LANE, OR AS SHOWN PER PLAN.
- 7 INSTALL PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A, IN CENTER OF TRAVEL LANE. PLACE PAVEMENT ARROW 10' FROM BEGINNING OF POCKET, OR AS SHOWN ON PLAN.
- 8 INSTALL PAVEMENT MARKING 'BUS BIKE ONLY', PER CALTRANS STANDARD PLAN A24E.
- 11 INSTALL SKID/SLIP RESISTANT BIKE LANE GREEN PREFORMED THERMOPLASTIC PAVEMENT MATERIAL IN ACCORDANCE WITH FHWA IA-14. GREEN THERMOPLASTIC SHOULD NOT BE PLACED IN GUTTER PAN WHERE PRESENT. SEE 'DETAIL A' GREEN DASHED PATTERN LAYOUT WITH DETAIL 39A ON ONE SIDE

LEGEND

STRIPING DETAILS PER CA MUTCD
FIGURE 3A-101(CA) THROUGH 3A-113

BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A AND A24C

PROPOSED STRIPING/PAVEMENT MARKINGS

PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A

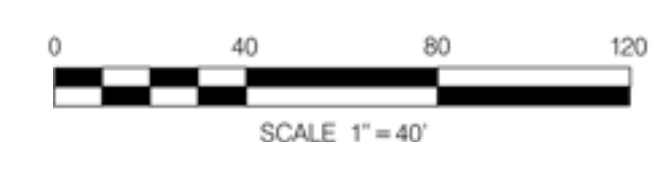
SHARED ROADWAY BICYCLE MARKING PER CALTRANS STANDARD PLAN A24C

DRIVEWAY

PAVEMENT MARKING WORD 'ONLY' PER CALTRANS STANDARD PLAN A24E

PAVEMENT MARKING WORD 'BUS' PER CALTRANS STANDARD PLAN A24E

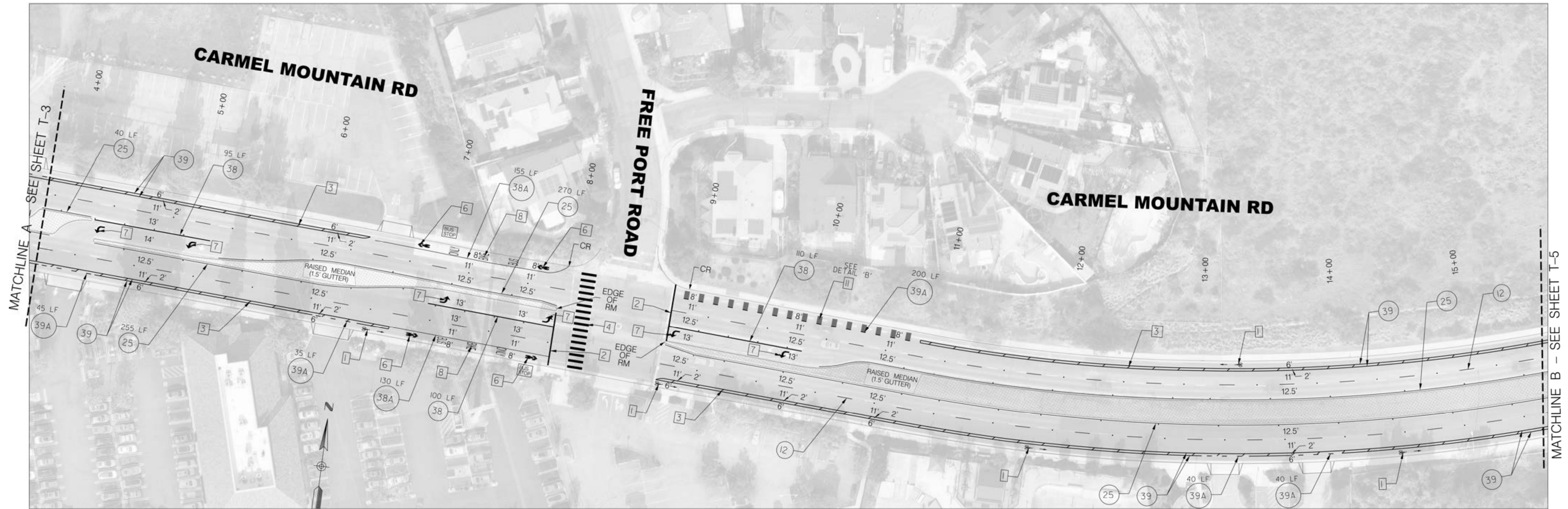
PAVEMENT MARKING WORD 'BIKE' PER CALTRANS STANDARD PLAN A24E



T-3

AC2402
CARMEL MOUNTAIN RD (BL)
PASEO CARDIEL & STA. 3+75
STRIPING PLAN

CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION DEPARTMENT SHEET 3 OF 24 SHEETS		WBS • B24012		
	APPROVED: <i>Brian K. Genovese</i> FOR CITY ENGINEER (DATE: 7-25-2024) DEPUTY CITY ENGINEER (DATE: 07/29/24)	SUBMITTED BY: MANILYN DEL RIO (PROJECT MANAGER) CHECKED BY: DANIEL AZIZ (PROJECT ENGINEER)		
DESCRIPTION	BY	APPROVED	DATE	FILED
ORIGINAL	DA		02/09/2024	
ADDENDUM A		89	01/25/2024	
CONTRACTOR		DATE STARTED		6292407-1926444
INSPECTOR		DATE COMPLETED		0101384-3-D



STRIPING CONSTRUCTION NOTES (THIS SHEET):

- 1 INSTALL BIKE LANE ARROW AND BIKE SYMBOL WITH PERSON, PER CALTRANS STANDARD PLAN A24A AND A24C, 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 PAVEMENT MARKING LIMIT LINE (STOP LINE) PER CALTRANS STANDARD PLAN A24G.
- 3 INSTALL 6' WHITE DIAGONAL CROSS HATCHING THERMOPLASTIC 125 MIL. STRIPE, ANGLED AT 45 DEGREES AND AT 20' INTERVALS. SEE BUFFERED BICYCLE LANE DETAIL.
- 4 INSTALL WHITE CONTINENTAL CROSSWALK MARKINGS, PER CITY OF SAN DIEGO STANDARD DRAWING NUMBER 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.
- 6 INSTALL SHARED ROADWAY BICYCLE MARKING, PER CALTRANS STANDARD PLAN A24C. SHARED ROADWAY BICYCLE MARKING SHALL BE POSITIONED IN CENTER OF TRAVEL LANE, OR AS SHOWN PER PLAN.
- 7 INSTALL PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A, IN CENTER OF TRAVEL LANE. PLACE PAVEMENT ARROW 10' FROM BEGINNING OF POCKET, OR AS SHOWN ON PLAN.
- 8 INSTALL PAVEMENT MARKING 'BUS BIKE ONLY', PER CALTRANS STANDARD PLAN A24E.
- 11 INSTALL SKID/SLIP RESISTANT BIKE LANE GREEN PREFORMED THERMOPLASTIC PAVEMENT MATERIAL IN ACCORDANCE WITH FHWA IA-14. GREEN THERMOPLASTIC SHOULD NOT BE PLACED IN GUTTER PAN WHERE PRESENT. SEE 'DETAIL A' GREEN DASHED PATTERN LAYOUT WITH DETAIL 39A ON ONE SIDE

LEGEND

STRIPING DETAILS PER CA MUTCD
FIGURE 3A-101(CA) THROUGH 3A-113

BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A AND A24C

PROPOSED STRIPING/PAVEMENT MARKINGS

PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A

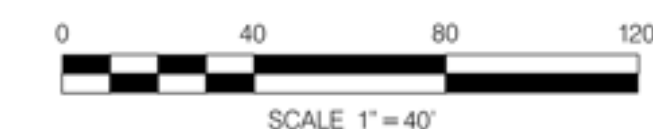
DRIVEWAY

SHARED ROADWAY BICYCLE MARKING PER CALTRANS STANDARD PLAN A24C

PAVEMENT MARKING WORD 'ONLY' PER CALTRANS STANDARD PLAN A24E

PAVEMENT MARKING WORD 'BUS' PER CALTRANS STANDARD PLAN A24E

PAVEMENT MARKING WORD 'BIKE' PER CALTRANS STANDARD PLAN A24E



T-4

AC2402
CARMEL MOUNTAIN RD (BL)
STA. 3+75 & STA. 15+70
STRIPING PLAN

CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION DEPARTMENT SHEET 4 OF 24 SHEETS		WBS • B24012
APPROVED: FOR CITY ENGINEER BRIAN K. GEMOISE DEPUTY CITY ENGINEER	DATE 7-25-2024 C-57979 RCEP	SUBMITTED BY MANILYN DEL RIO PROJECT MANAGER CHECKED BY DANIEL AZIZ PROJECT ENGINEER
DESCRIPTION	BY	APPROVED
ORIGINAL	DA	02/09/2024
ADDENDUM A	DA	02/25/2024
CONTRACTOR		DATE STARTED
INSPECTOR		DATE COMPLETED
6292407-1926444 CCS27 COORDINATE		0101384-4-D CCS83 COORDINATE



STRIPING CONSTRUCTION NOTES (THIS SHEET):

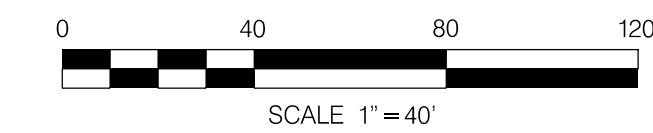
- 1 INSTALL BIKE LANE ARROW AND BIKE SYMBOL WITH PERSON, PER CALTRANS STANDARD PLAN A24A AND A24C, AT 300' INTERVALS OR AS SHOWN PER PLAN. BIKE LANE ARROW OR BIKE LANE SYMBOL WITH PERSON SHOULD NOT BE PLACED IN GUTTER PAN, WHERE PRESENT.
- 3 INSTALL 6" WHITE DIAGONAL CROSS HATCHING THERMOPLASTIC 125 MIL. STRIPE, ANGLED AT 45 DEGREES AND AT 20' INTERVALS. SEE BUFFERED BICYCLE LANE DETAIL.

LEGEND

STRIPING DETAILS PER CA MUTCD
FIGURE 3A-101(CA) THROUGH 3A-113

BIKE LANE SYMBOL WITH HELMETED PERSON AND
ARROW PER CALTRANS STANDARD PLAN A24A AND A24C

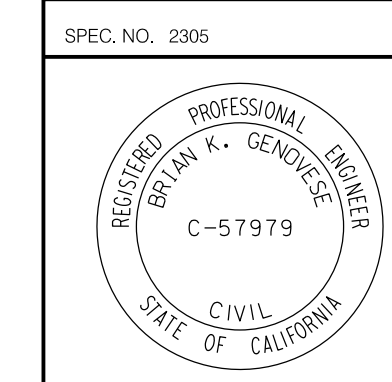
PROPOSED STRIPING/PAVEMENT MARKINGS



T-5

AC2402
CARMEL MOUNTAIN RD (BL)
STA. 15+70 & STA. 27+00
STRIPING PLAN

CITY OF SAN DIEGO, CALIFORNIA
TRANSPORTATION DEPARTMENT
SHEET 5 OF 24 SHEETS



APPROVED: FOR CITY ENGINEER BRIAN K. GENOVESE DEPUTY CITY ENGINEER	DATE 7-25-2024	SUBMITTED BY: MANILYN DEL RIO PROJECT MANAGER
DESCRIPTION	BY	APPROVED
ORIGINAL	DA	02/09/2024
ADDENDUM A	DA	07/25/2024
DATE STARTED		DATE COMPLETED
DATE STARTED		DATE COMPLETED

CONTRACTOR INSPECTOR _____ DATE STARTED _____ DATE COMPLETED _____

NEW PLAN SET

ADDENDUM 32A



STRIPING CONSTRUCTION NOTES (THIS SHEET):

- 1 INSTALL BIKE LANE ARROW AND BIKE SYMBOL WITH PERSON, PER CALTRANS STANDARD PLAN A24A AND A24C, 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 PAVEMENT MARKING LIMIT LINE (STOP LINE) PER CALTRANS STANDARD PLAN A24G.
- 3 INSTALL 6' WHITE DIAGONAL CROSS HATCHING THERMOPLASTIC 125 MIL. STRIPE, ANGLED AT 45 DEGREES AND AT 20' INTERVALS. SEE BUFFERED BICYCLE LANE DETAIL.
- 4 INSTALL WHITE CONTINENTAL CROSSWALK MARKINGS, PER CITY OF SAN DIEGO STANDARD DRAWING NUMBER 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.
- 6 INSTALL SHARED ROADWAY BICYCLE MARKING, PER CALTRANS STANDARD PLAN A24C. SHARED ROADWAY BICYCLE MARKING SHALL BE POSITIONED IN CENTER OF TRAVEL LANE, OR AS SHOWN PER PLAN.
- 7 INSTALL PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A, IN CENTER OF TRAVEL LANE. PLACE PAVEMENT ARROW 10' FROM BEGINNING OF POCKET, OR AS SHOWN ON PLAN.
- 8 INSTALL PAVEMENT MARKING 'BUS BIKE ONLY', PER CALTRANS STANDARD PLAN A24E.
- 9 INSTALL PAVEMENT MARKING 'SIGNAL', PER CALTRANS STANDARD PLAN A24D.
- 10 INSTALL PAVEMENT MARKING 'AHEAD', PER CALTRANS STANDARD PLAN A24D.
- 11 INSTALL SKID/SLIP RESISTANT BIKE LANE GREEN PREFORMED THERMOPLASTIC PAVEMENT MATERIAL IN ACCORDANCE WITH FHWA IA-14. GREEN THERMOPLASTIC SHOULD NOT BE PLACED IN GUTTER PAN WHERE PRESENT. SEE 'DETAIL A' GREEN DASHED PATTERN LAYOUT WITH DETAIL 39A ON ONE SIDE.

LEGEND

STRIPING DETAILS PER CA MUTCD FIGURE 3A-101(CA) THROUGH 3A-113

BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A AND A24C

PROPOSED STRIPING/PAVEMENT MARKINGS

PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A

DRIVEWAY

PAVEMENT MARKING WORD 'SIGNAL' PER CALTRANS STANDARD PLAN A24D

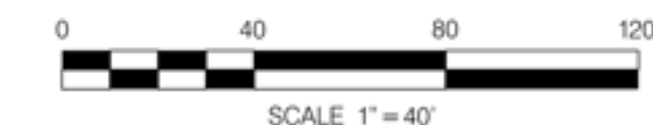
PAVEMENT MARKING WORD 'AHEAD' PER CALTRANS STANDARD PLAN A24D

SHARED ROADWAY BICYCLE MARKING PER CALTRANS STANDARD PLAN A24C

PAVEMENT MARKING WORD 'ONLY' PER CALTRANS STANDARD PLAN A24E

PAVEMENT MARKING WORD 'BUS' PER CALTRANS STANDARD PLAN A24E

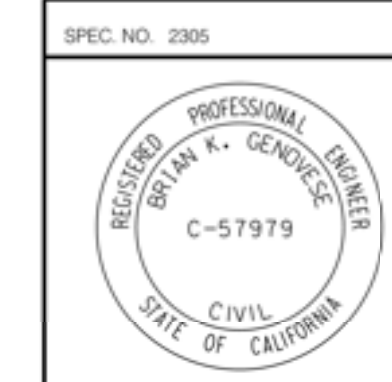
PAVEMENT MARKING WORD 'BIKE' PER CALTRANS STANDARD PLAN A24E



T-6

AC2402
CARMEL MOUNTAIN RD (BL)
STA. 27+00 & STA. 38+00
STRIPING PLAN

CITY OF SAN DIEGO, CALIFORNIA
TRANSPORTATION DEPARTMENT
SHEET 6 OF 24 SHEETS



APPROVED FOR CITY ENGINEER	DATE	7-25-2024	PROJECT MANAGER	MANILYN DEL RIO
BRIAN K. GENOVESE	DATE	7-25-2024	PROJECT ENGINEER	DANIEL AZIZ
DEPUTY CITY ENGINEER	DATE	7-25-2024	PROJECT ENGINEER	DANIEL AZIZ
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	DA		02/09/2024	
ADDENDUM A	DA	09	02/25/2024	
				286-1731
				CCS27 COORDINATE
				6292407-1926444
				CCS83 COORDINATE

CONTRACTOR INSPECTOR _____ DATE STARTED _____ DATE COMPLETED _____

NEW PLAN SET

ADDENDUM 33A



STRIPING CONSTRUCTION NOTES (THIS SHEET):

- 1 INSTALL BIKE LANE ARROW AND BIKE SYMBOL WITH PERSON, PER CALTRANS STANDARD PLAN A24A AND A24C, 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 PAVEMENT MARKING LIMIT LINE (STOP LINE) PER CALTRANS STANDARD PLAN A24G.
- 3 INSTALL 6' WHITE DIAGONAL CROSS HATCHING THERMOPLASTIC 125 MIL. STRIPE, ANGLED AT 45 DEGREES AND AT 20' INTERVALS. SEE BUFFERED BICYCLE LANE DETAIL.
- 6 INSTALL SHARED ROADWAY BICYCLE MARKING, PER CALTRANS STANDARD PLAN A24C. SHARED ROADWAY BICYCLE MARKING SHALL BE POSITIONED IN CENTER OF TRAVEL LANE, OR AS SHOWN PER PLAN.
- 7 INSTALL PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A, IN CENTER OF TRAVEL LANE. PLACE PAVEMENT ARROW 10' FROM BEGINNING OF POCKET, OR AS SHOWN ON PLAN.
- 8 INSTALL PAVEMENT MARKING 'BUS BIKE ONLY', PER CALTRANS STANDARD PLAN A24E.
- 9 INSTALL PAVEMENT MARKING 'SIGNAL', PER CALTRANS STANDARD PLAN A24D.
- 10 INSTALL PAVEMENT MARKING 'AHEAD', PER CALTRANS STANDARD PLAN A24D.
- 11 INSTALL SKID/SLIP RESISTANT BIKE LANE GREEN PREFORMED THERMOPLASTIC PAVEMENT MATERIAL IN ACCORDANCE WITH FHWA IA-14. GREEN THERMOPLASTIC SHOULD NOT BE PLACED IN GUTTER PAN WHERE PRESENT. SEE 'DETAIL A' GREEN DASHED PATTERN LAYOUT WITH DETAIL 39A ON ONE SIDE

LEGEND

STRIPING DETAILS PER CA MUTCD
FIGURE 3A-101(CA) THROUGH 3A-113

BIKE LANE SYMBOL WITH HELMETED PERSON AND
ARROW PER CALTRANS STANDARD PLAN A24A AND A24C

PROPOSED STRIPING/PAVEMENT MARKINGS

PAVEMENT ARROW TYPE IV
(L) PER CALTRANS STANDARD
PLAN A24A

PAVEMENT MARKING WORD
'SIGNAL' PER CALTRANS
STANDARD PLAN A24D

PAVEMENT MARKING WORD
'AHEAD' PER CALTRANS
STANDARD PLAN A24D

SHARED ROADWAY BICYCLE MARKING
PER CALTRANS STANDARD PLAN A24C

PAVEMENT MARKING WORD
'ONLY' PER CALTRANS
STANDARD PLAN A24E

PAVEMENT MARKING WORD
'BUS' PER CALTRANS
STANDARD PLAN A24E

PAVEMENT MARKING WORD
'BIKE' PER CALTRANS
STANDARD PLAN A24E

XXX



SIGNAL

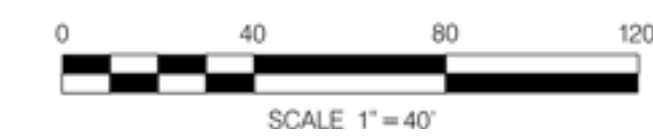
AHEAD



ONLY

BUS

BIKE

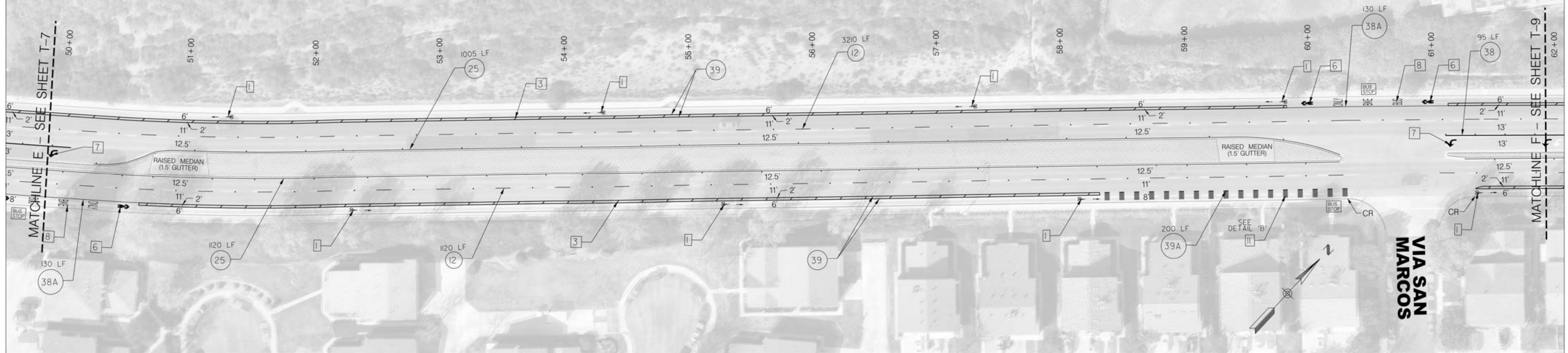


T-7

AC2402
CARMEL MOUNTAIN RD (BL)
STA. 38+00 & STA. 50+00
STRIPING PLAN

CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION DEPARTMENT SHEET 7 OF 24 SHEETS		WBS • B24012
APPROVED: FOR CITY ENGINEER BRIAN K. GEMOWSE DEPUTY CITY ENGINEER	DATE 7-25-2024 C-57979 PCP	SUBMITTED BY MANILYN DEL RIO PROJECT MANAGER CHECKED BY DANIEL AZIZ PROJECT ENGINEER
DESCRIPTION	BY	APPROVED
ORIGINAL	DA	02/09/2024
ADDENDUM A	DA	02/05/2024
CONTRACTOR INSPECTOR		DATE STARTED DATE COMPLETED
NEW PLAN SET		0101384-7-D

CARMEL MOUNTAIN RD



STRIPING CONSTRUCTION NOTES (THIS SHEET):

- 1 INSTALL BIKE LANE ARROW AND BIKE SYMBOL WITH PERSON, PER CALTRANS STANDARD PLAN A24A AND A24C, 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.
- 3 INSTALL 6" WHITE DIAGONAL CROSS HATCHING THERMOPLASTIC 125 MIL. STRIPE, ANGLED AT 45 DEGREES AND AT 20' INTERVALS. SEE BUFFERED BICYCLE LANE DETAIL.
- 6 INSTALL SHARED ROADWAY BICYCLE MARKING, PER CALTRANS STANDARD PLAN A24C. SHARED ROADWAY BICYCLE MARKING SHALL BE POSITIONED IN CENTER OF TRAVEL LANE, OR AS SHOWN PER PLAN.
- 7 INSTALL PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A, IN CENTER OF TRAVEL LANE. PLACE PAVEMENT ARROW 10' FROM BEGINNING OF POCKET, OR AS SHOWN ON PLAN.
- 8 INSTALL PAVEMENT MARKING 'BUS BIKE ONLY', PER CALTRANS STANDARD PLAN A24E.
- 11 INSTALL SKID/SLIP RESISTANT BIKE LANE GREEN PREFORMED THERMOPLASTIC PAVEMENT MATERIAL IN ACCORDANCE WITH FHWA IA-14. GREEN THERMOPLASTIC SHOULD NOT BE PLACED IN GUTTER PAN WHERE PRESENT. SEE 'DETAIL A' GREEN DASHED PATTERN LAYOUT WITH DETAIL 39A ON ONE SIDE

LEGEND

STRIPING DETAILS PER CA MUTCD
FIGURE 3A-101(CA) THROUGH 3A-113

XXX

BIKE LANE SYMBOL WITH HELMETED PERSON AND
ARROW PER CALTRANS STANDARD PLAN A24A AND A24C



PROPOSED STRIPING/PAVEMENT MARKINGS



PAVEMENT ARROW TYPE IV
(L) PER CALTRANS STANDARD
PLAN A24A



SHARED ROADWAY BICYCLE MARKING
PER CALTRANS STANDARD PLAN A24C



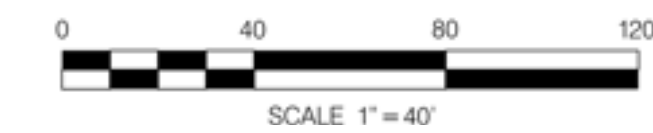
PAVEMENT MARKING WORD
'ONLY' PER CALTRANS
STANDARD PLAN A24E



PAVEMENT MARKING WORD
'BUS' PER CALTRANS
STANDARD PLAN A24E



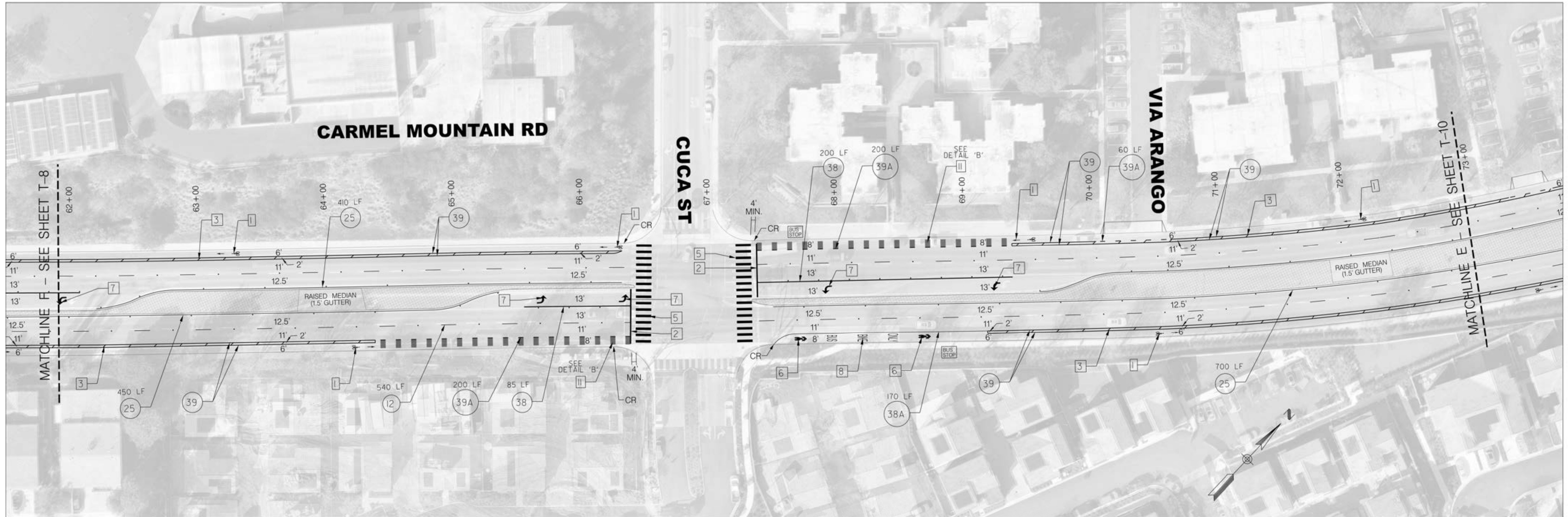
PAVEMENT MARKING WORD
'BIKE' PER CALTRANS
STANDARD PLAN A24E



T-8

AC2402
CARMEL MOUNTAIN RD (BL)
STA. 50+00 & STA. 62+00
STRIPING PLAN

CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION DEPARTMENT SHEET 8 OF 24 SHEETS		WBS • B24012
SPEC. NO. 2305 	APPROVED: <i>Brian K. Genovese</i> (FOR CITY ENGINEER) BRIAN K. GENOVESE DEPUTY CITY ENGINEER DATE: 7-25-2024 PROJECT: C-07979 RCEP#	SUBMITTED BY: MANILYN DEL RIO PROJECT MANAGER CHECKED BY: DANIEL AZIZ PROJECT ENGINEER
DESCRIPTION ORIGINAL DA 03/09/2024 ADDENDUM A DA 09/02/2024	BY: [Signature] APPROVED: [Signature] DATE: 09/02/2024 FILMED:	286-1731 CCS27 COORDINATE 6292407-1926444 CCS83 COORDINATE
CONTRACTOR INSPECTOR	DATE STARTED DATE COMPLETED	0101384-8-D



STRIPING CONSTRUCTION NOTES (THIS SHEET):

- 1 INSTALL BIKE LANE ARROW AND BIKE SYMBOL WITH PERSON, PER CALTRANS STANDARD PLAN A24A AND A24C, 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 PAVEMENT MARKING LIMIT LINE (STOP LINE) PER CALTRANS STANDARD PLAN A24G.
- 3 INSTALL 6' WHITE DIAGONAL CROSS HATCHING THERMOPLASTIC 125 MIL. STRIPE, ANGLED AT 45 DEGREES AND AT 20' INTERVALS. SEE BUFFERED BICYCLE LANE DETAIL.
- 5 INSTALL YELLOW CONTINENTAL CROSSWALK MARKINGS, PER CITY OF SAN DIEGO STANDARD DRAWING NUMBER 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.
- 6 INSTALL SHARED ROADWAY BICYCLE MARKING, PER CALTRANS STANDARD PLAN A24C. SHARED ROADWAY BICYCLE MARKING SHALL BE POSITIONED IN CENTER OF TRAVEL LANE, OR AS SHOWN PER PLAN.
- 7 INSTALL PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A, IN CENTER OF TRAVEL LANE. PLACE PAVEMENT ARROW 10' FROM BEGINNING OF POCKET, OR AS SHOWN ON PLAN.
- 8 INSTALL PAVEMENT MARKING 'BUS BIKE ONLY', PER CALTRANS STANDARD PLAN A24E.
- 11 INSTALL SKID/SLIP RESISTANT BIKE LANE GREEN PREFORMED THERMOPLASTIC PAVEMENT MATERIAL IN ACCORDANCE WITH FHWA 1A-14. GREEN THERMOPLASTIC SHOULD NOT BE PLACED IN GUTTER PAN WHERE PRESENT; SEE 'DETAIL A' GREEN DASHED PATTERN LAYOUT WITH DETAIL 39A ON ONE SIDE

LEGEND

STRIPING DETAILS PER CA MUTCD
FIGURE 3A-101(CA) THROUGH 3A-113

BIKE LANE SYMBOL WITH HELMETED PERSON AND
ARROW PER CALTRANS STANDARD PLAN A24A AND A24C

PROPOSED STRIPING/PAVEMENT MARKINGS

PAVEMENT ARROW TYPE IV
(L) PER CALTRANS STANDARD
PLAN A24A

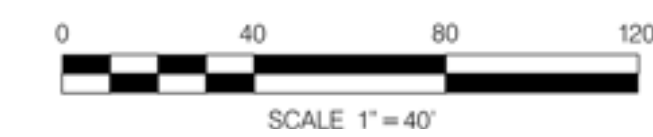
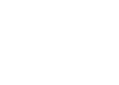
DRIVEWAY

SHARED ROADWAY BICYCLE MARKING,
PER CALTRANS STANDARD PLAN A24C

PAVEMENT MARKING WORD
'ONLY' PER CALTRANS
STANDARD PLAN A24E

PAVEMENT MARKING WORD
'BUS' PER CALTRANS
STANDARD PLAN A24E

PAVEMENT MARKING WORD
'BIKE' PER CALTRANS
STANDARD PLAN A24E

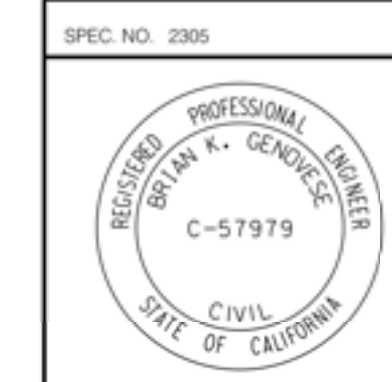


T-9

AC2402
CARMEL MOUNTAIN RD (BL)
STA. 62+00 & STA. 73+00
STRIPING PLAN

CITY OF SAN DIEGO, CALIFORNIA
TRANSPORTATION DEPARTMENT
SHEET 9 OF 24 SHEETS

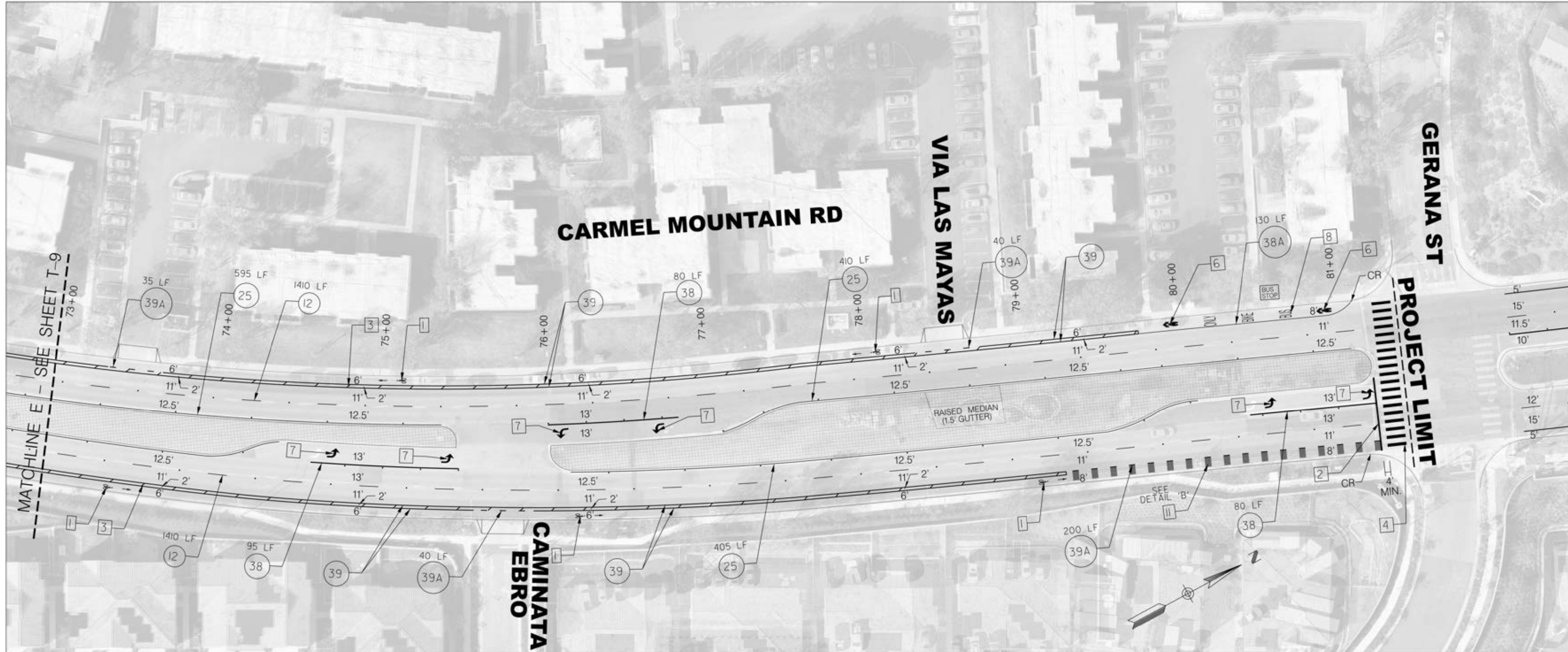
WBS • B24012



APPROVED BY: <i>Brian K. Genovese</i> FOR CITY ENGINEER BRIAN K. GENOVESE DEPUTY CITY ENGINEER	DATE: 7-25-2024 C-57979 PC-24	SUBMITTED BY: MANILYN DEL RIO PROJECT MANAGER
DESCRIPTION: ORIGINAL	BY: DA	DATE: 02/09/2024
DESCRIPTION: ADDENDUM A	BY: DA	DATE: 02/25/2024
CHECKED BY: DANIEL AZIZ PROJECT ENGINEER		286-1731 CCS27 COORDINATE
CONTRACTOR INSPECTOR		6292407-1926444 CCS83 COORDINATE

DATE STARTED _____ DATE COMPLETED _____
0101384-9-D

NEW PLAN SET



STRIPING CONSTRUCTION NOTES (THIS SHEET):

- 1 INSTALL BIKE LANE ARROW AND BIKE SYMBOL WITH PERSON, PER CALTRANS STANDARD PLAN A24A AND A24C, 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 PAVEMENT MARKING LIMIT LINE (STOP LINE) PER CALTRANS STANDARD PLAN A24G.
- 3 INSTALL 6" WHITE DIAGONAL CROSS HATCHING THERMOPLASTIC 125 MIL. STRIPE, ANGLED AT 45 DEGREES AND AT 20' INTERVALS. SEE BUFFERED BICYCLE LANE DETAIL.
- 4 INSTALL WHITE CONTINENTAL CROSSWALK MARKINGS, PER CITY OF SAN DIEGO STANDARD DRAWING NUMBER 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.
- 6 INSTALL SHARED ROADWAY BICYCLE MARKING, PER CALTRANS STANDARD PLAN A24C. SHARED ROADWAY BICYCLE MARKING SHALL BE POSITIONED IN CENTER OF TRAVEL LANE, OR AS SHOWN PER PLAN.
- 7 INSTALL PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A, IN CENTER OF TRAVEL LANE. PLACE PAVEMENT ARROW 10' FROM BEGINNING OF POCKET, OR AS SHOWN ON PLAN.
- 8 INSTALL PAVEMENT MARKING 'BUS BIKE ONLY', PER CALTRANS STANDARD PLAN A24E.
- 11 INSTALL SKID/SLIP RESISTANT BIKE LANE GREEN PREFORMED THERMOPLASTIC PAVEMENT MATERIAL IN ACCORDANCE WITH FHWA IA-14. GREEN THERMOPLASTIC SHOULD NOT BE PLACED IN GUTTER PAN WHERE PRESENT. SEE 'DETAIL A' GREEN DASHED PATTERN LAYOUT WITH DETAIL 39A ON ONE SIDE.

LEGEND

STRIPING DETAILS PER CA MUTCD FIGURE 3A-101(CA) THROUGH 3A-113

BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A AND A24C

PROPOSED STRIPING/PAVEMENT MARKINGS

PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A

DRIVEWAY

SHARED ROADWAY BICYCLE MARKING, PER CALTRANS STANDARD PLAN A24C

PAVEMENT MARKING WORD 'ONLY' PER CALTRANS STANDARD PLAN A24E

PAVEMENT MARKING WORD 'BUS' PER CALTRANS STANDARD PLAN A24E

PAVEMENT MARKING WORD 'BIKE' PER CALTRANS STANDARD PLAN A24E

XXX



ONLY

BUS

BIKE



T-10

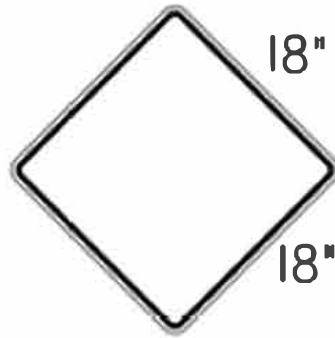
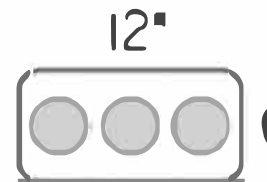
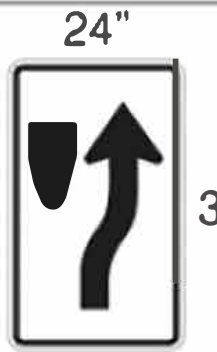
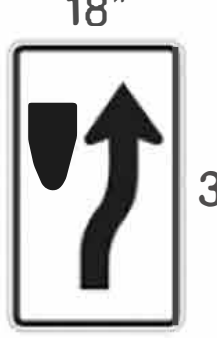

AC2402
CARMEL MOUNTAIN RD (BL)
STA. 73+00 & GERANA ST
STRIPING PLAN




CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION DEPARTMENT SHEET 10 OF 24 SHEETS		WBS # B24012
	APPROVED: <i>Brian K. Genovese</i> FOR CITY ENGINEER BRIAN K. GENOVESE DEPUTY CITY ENGINEER DATE: 7-25-2024 PROJECT: C-27979	SUBMITTED BY: MANILYN DEL RIO PROJECT MANAGER CHECKED BY: DANIEL AZIZ PROJECT ENGINEER 286-1731 CCS27 COORDINATE 6292407-1926444 CCS83 COORDINATE
CONTRACTOR: _____ INSPECTOR: _____	DATE STARTED: _____ DATE COMPLETED: _____	0101384-10-D

NEW PLAN SET



ADDENDUM 37A

SIGN AND POST DATA TABLE

SIGN	TREATMENT	SHEET				TOTAL
		T-12	T-13	T-15	T-19	
OMI-3 	INSTALL	1	2	2	1	6
OM2-IH 	INSTALL				1	1
	REMOVE		2	1		3
	REMOVE POLE		1	1		2
R4-7 	INSTALL				1	1
	NEW POLE**				1	1
R4-7C 	REMOVE	1	1	1		3
	INSTALL	1	2	2		5
	REMOVE POLE	1	1	1		3
	NEW POLE**	1	2	2		5
R4-7P 	REMOVE	1				1

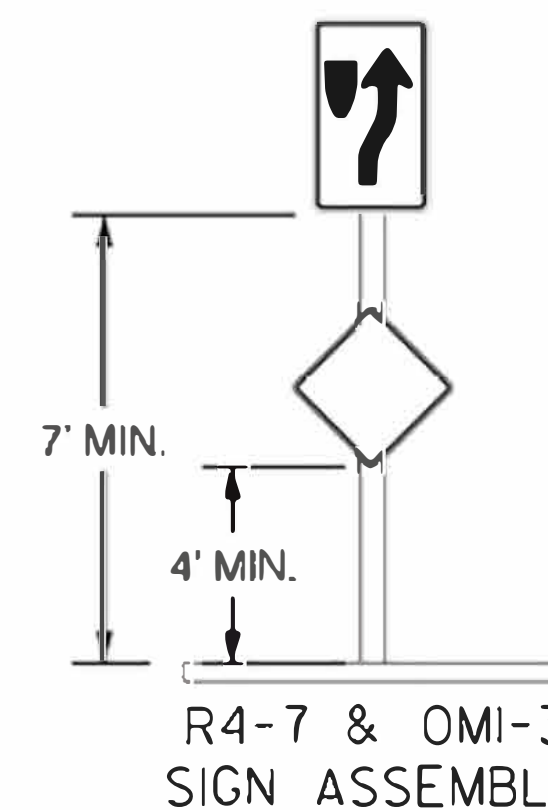
SIGN	TREATMENT	SHEET								TOTAL
		T-12	T-13	T-14	T-15	T-16	T-17	T-18	T-19	
R7-9A 	REMOVE		3		3	3	4			13
	INSTALL	1	4	7	4	6	6	3	3	34
	NEW POLE*	1	2	5	2	2	2	3	3	20
R26 	REMOVE	1	1		1	1				4
R81 (CA) 	REMOVE	1			1	1				3

SIGNAGE CONSTRUCTION NOTES:


-  INSTALL NEW SIGN
-  REMOVE EXISTING SIGN

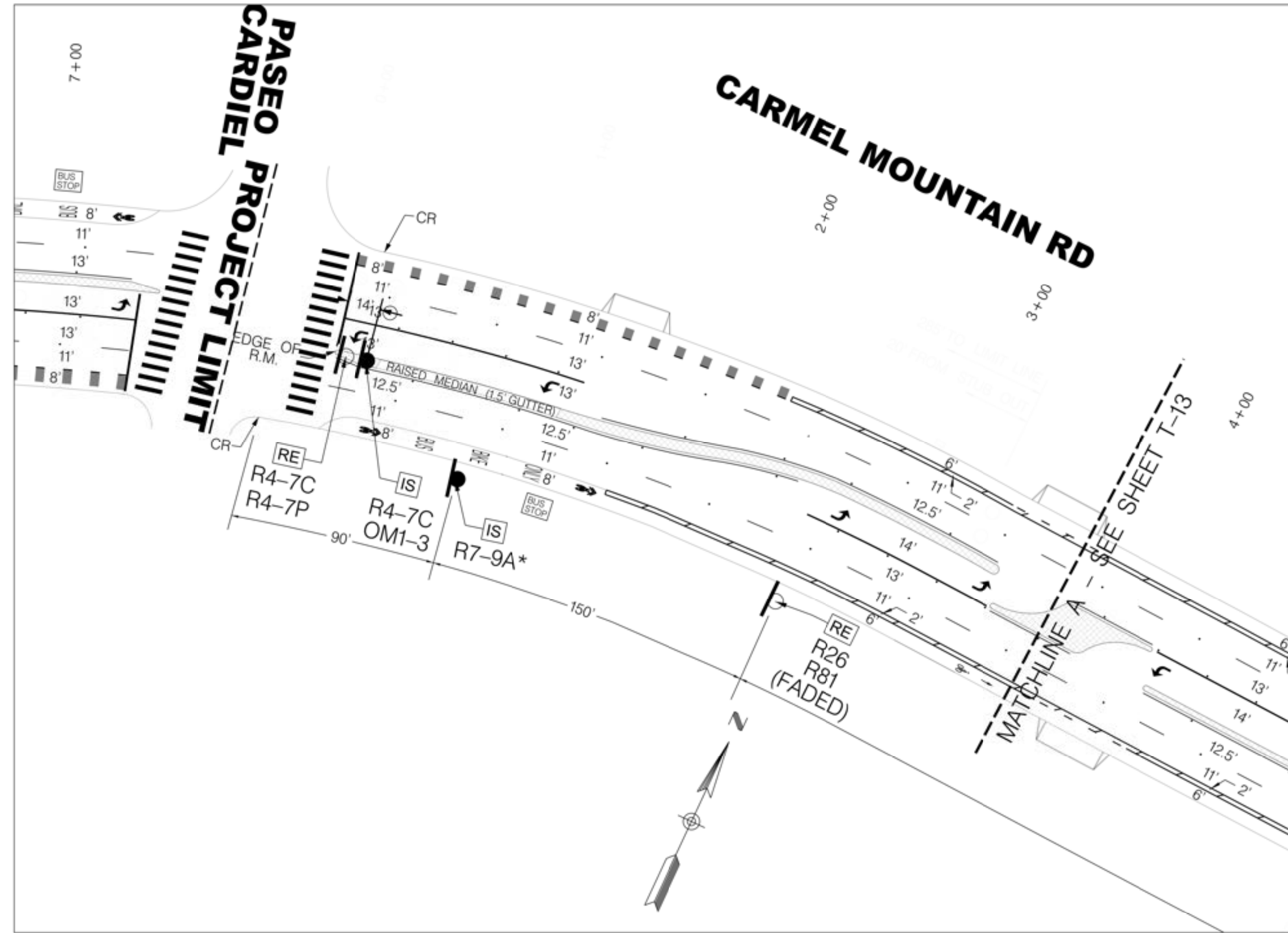
POLE TYPE NOTES:

- *INSTALL PERFORATED SQUARE STEEL TUBING (PSS) SIGN POST PER CITY OF SAN DIEGO STANDARD DRAWING SDM-104
- **INSTALL 2 1/2" X 2 1/2" BY 10 GA PERFORATED SQUARE STEEL TUBE (PSS) SIGN POST PER 2023 CALTRANS STANDARD PLAN RS5 & RS6. MAINTAIN 7' CLEARANCE FROM GROUND TO BOTTOM OF SIGN(S).



T-11

AC2402 CARMEL MOUNTAIN RD (BL) BETWEEN PASEO CARDIEL & GERANA ST SIGN AND POST DATA TABLE			
CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION DEPARTMENT SHEET 11 OF 24 SHEETS		NBS - B24012	
SPEC NO. 2305 	FOR CITY ENGINEER: <i>[Signature]</i> DATE: 08/09/2024 BRAH N. GENOVESE DEPUTY CITY ENGINEER PROJECT MANAGER: MANILYN DEL RIO PROJECT ENGINEER: DANIEL AZIZ COORDINATOR: 286-1731 COORDINATOR: 6292407-1926444 COORDINATOR: 0101384-11-D	CONTRACTOR: _____ DATE STARTED: _____ INSPECTOR: _____ DATE COMPLETED: _____	NEW PLAN SET ADDENDUM 38A



SIGNAGE CONSTRUCTION NOTES (THIS SHEET):

- IS** INSTALL NEW SIGN
- RE** REMOVE EXISTING SIGN

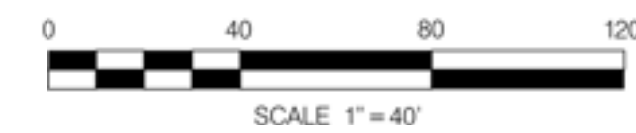
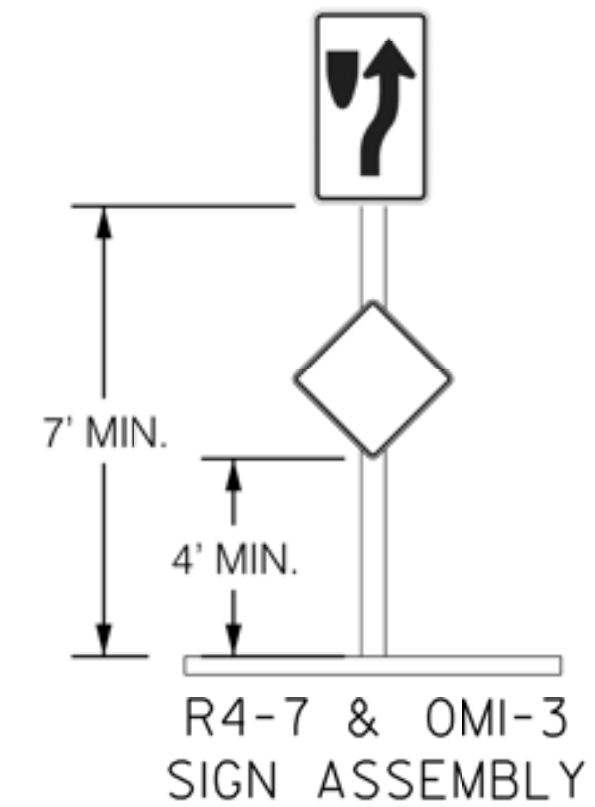
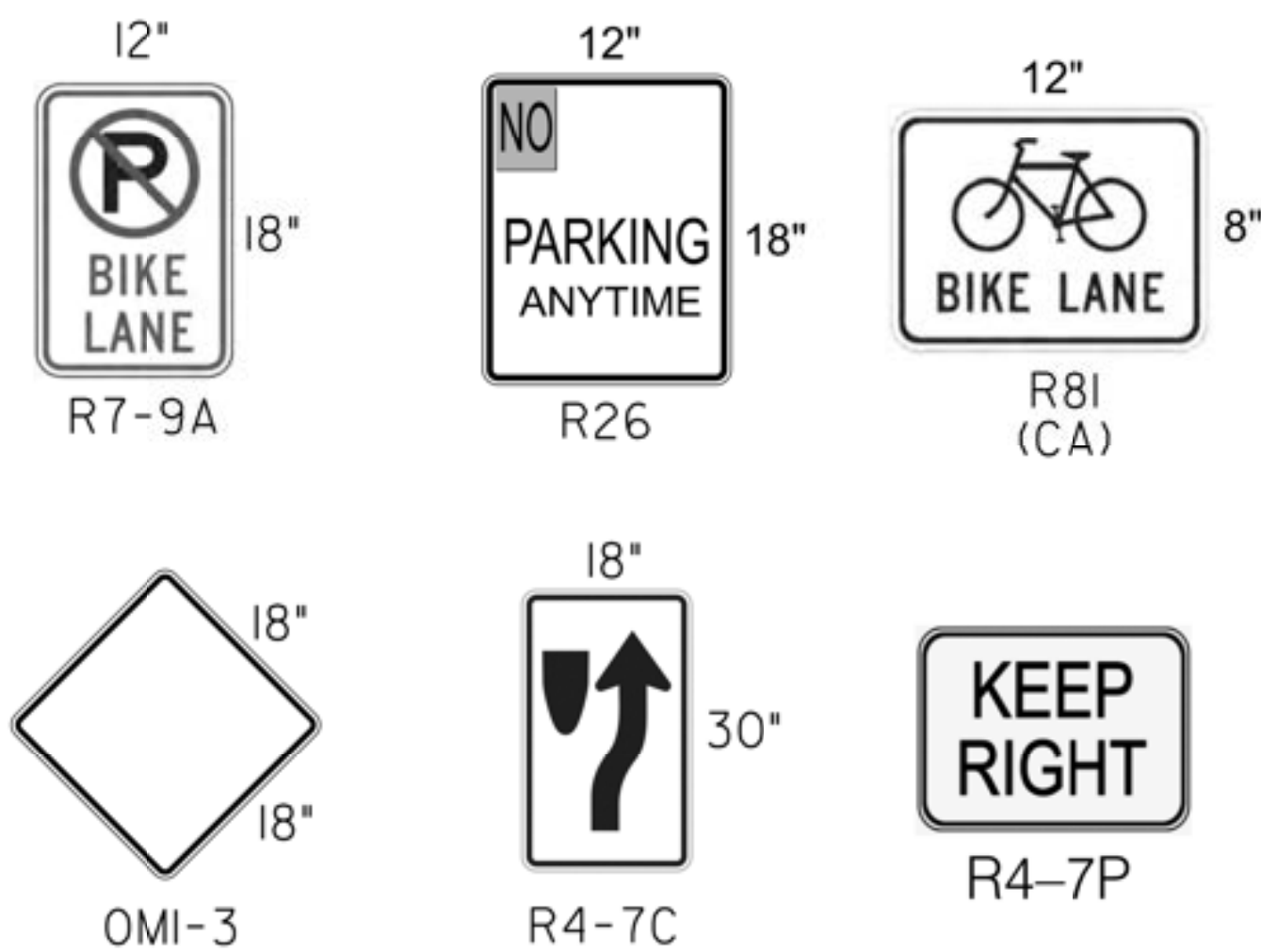
SIGNAGE LEGEND:

- EXISTING POLE
- NEW POLE

*INSTALL PERFORATED SQUARE STEEL TUBING (PSST) SIGN POST PER CITY OF SAN DIEGO STANDARD DRAWING SDM-104

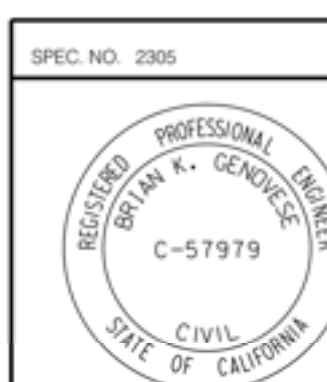
** INSTALL 2 1/2" X 2 1/2" BY 10 GA PERFORATED SQUARE STEEL TUBE (PSST) SIGN POST PER 2023 CALTRANS STANDARD PLAN RS5 & RS6. MAINTAIN 7' CLEARANCE FROM GROUND TO BOTTOM OF SIGN(S).

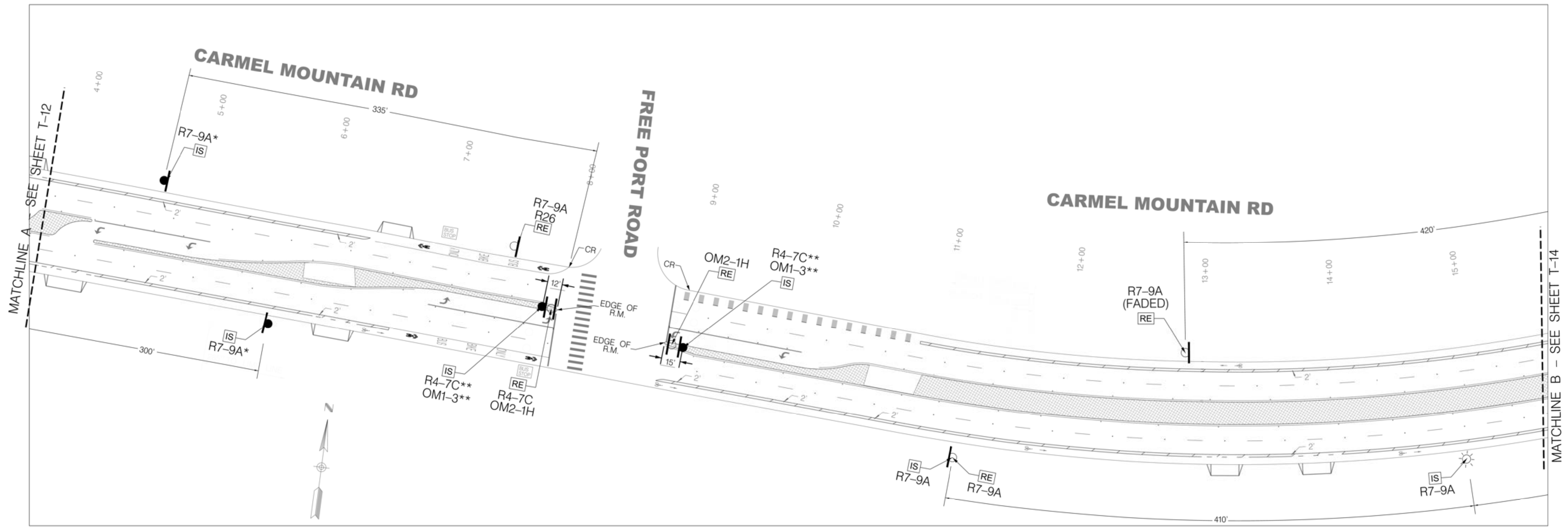
SIGN CHART



T-12

AC2402 CARMEL MOUNTAIN RD (BL) PASEO CARDIEL & STA. 3+75 SIGNAGE PLAN		WBS • B24012
CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION DEPARTMENT SHEET 12 OF 24 SHEETS		
APPROVED: <i>Brian K. Genovese</i> FOR CITY ENGINEER BRIAN K. GENOVESE DEPUTY CITY ENGINEER	DATE 7-25-2024 C-57979 PCP#	SUBMITTED BY MANILYN DEL RIO PROJECT MANAGER CHECKED BY DANIEL AZIZ PROJECT ENGINEER
DESCRIPTION	BY	APPROVED
ORIGINAL	DA	02/09/2024
ADDENDUM A	DA	01/25/2024
		286-1731 CCS27 COORDINATE
		6292407-1926444 CCS83 COORDINATE
CONTRACTOR	DATE STARTED	0101384-12-D
INSPECTOR	DATE COMPLETED	





SIGNAGE CONSTRUCTION NOTES (THIS SHEET):

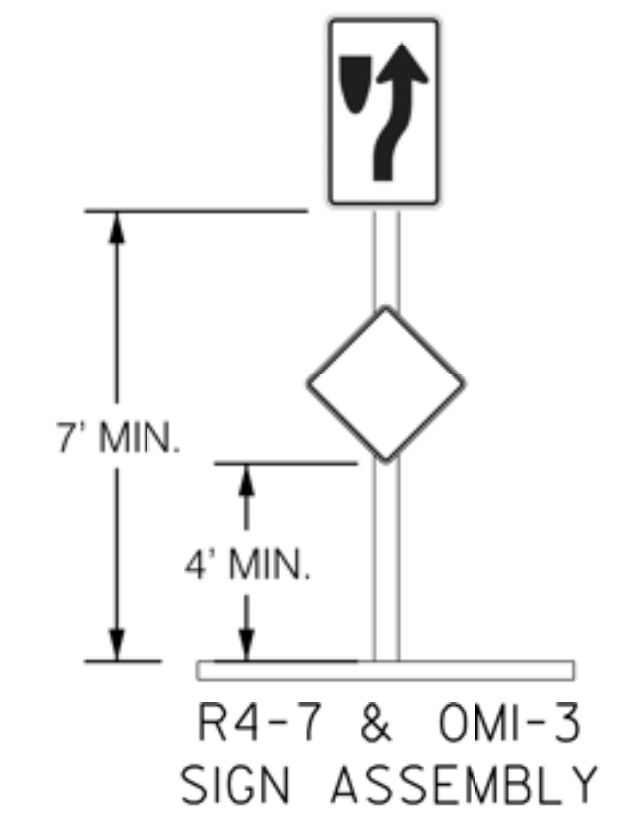
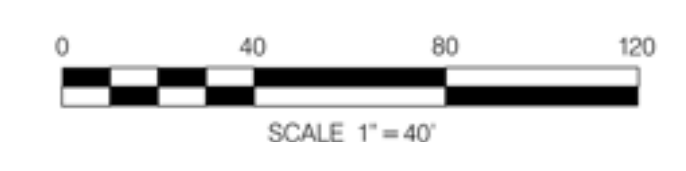
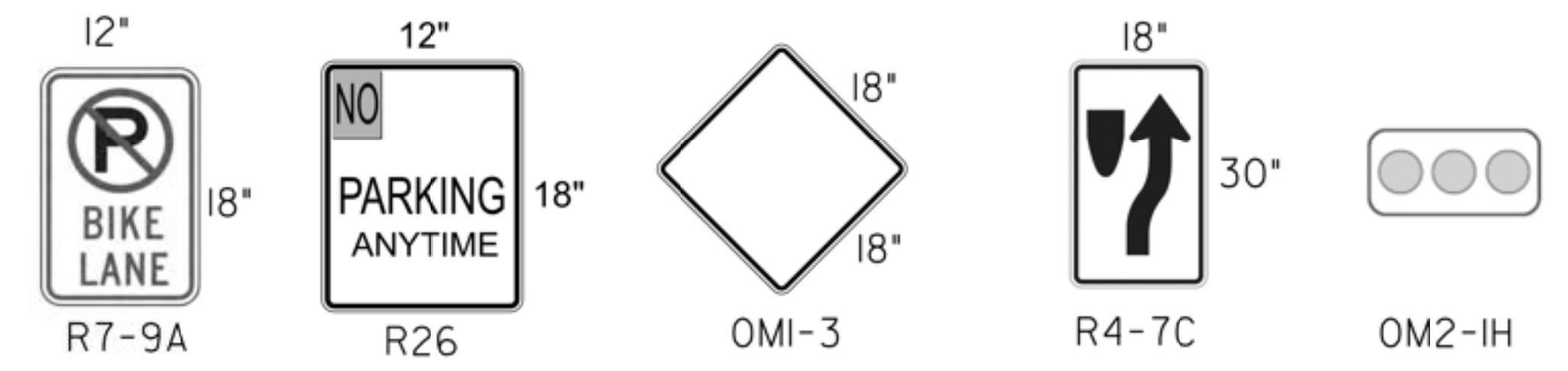
- IS** INSTALL NEW SIGN
- RE** REMOVE EXISTING SIGN

SIGNAGE LEGEND:

- EXISTING POLE
- NEW POLE
- LIGHT POLE

*INSTALL PERFORATED SQUARE STEEL TUBING (PSST) SIGN POST PER CITY OF SAN DIEGO STANDARD DRAWING SDM-104

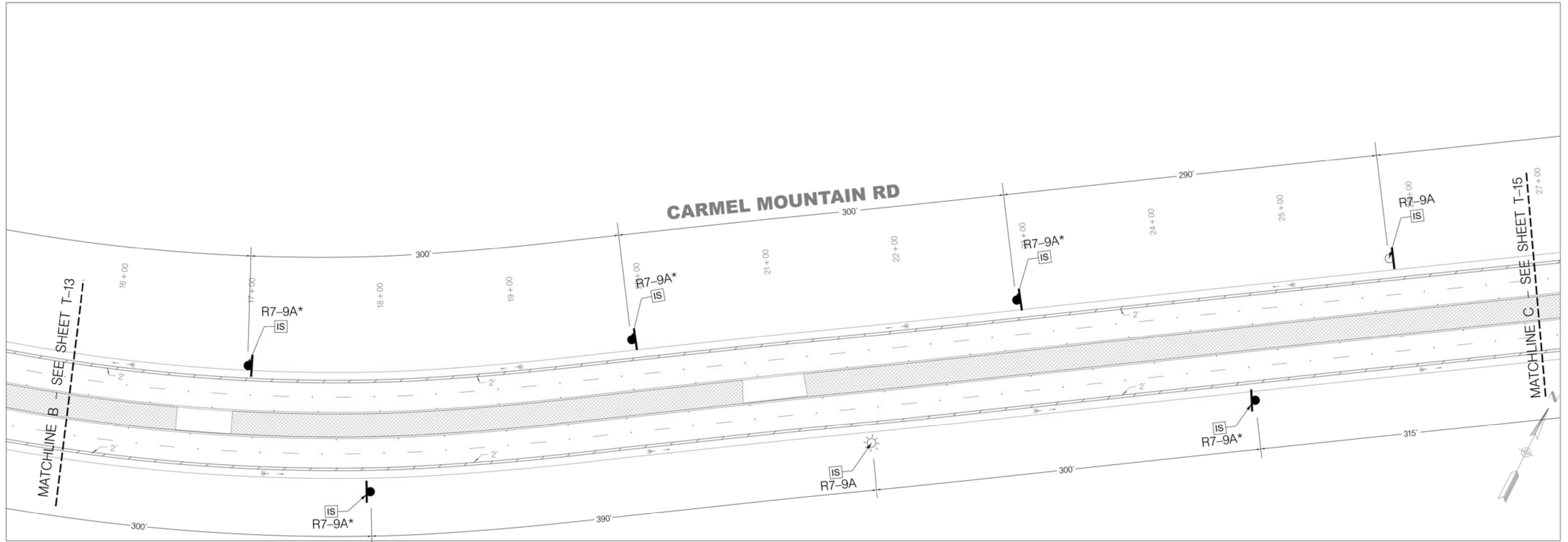
SIGN CHART



T-13

AC2402
 CARMEL MOUNTAIN RD (BL)
 STA. 3+75 & STA. 15+70
 SIGNAGE PLAN

CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION DEPARTMENT SHEET 13 OF 24 SHEETS		WBS • B24012
APPROVED: FOR CITY ENGINEER BRIAN K. GENOVESE DEPUTY CITY ENGINEER	DATE 7-25-2024	SUBMITTED BY MANILYN DEL RIO PROJECT MANAGER
REGISTERED PROFESSIONAL ENGINEER BRIAN K. GENOVESE C-57979 CIVIL STATE OF CALIFORNIA	DESCRIPTION	CHECKED BY DANIEL AZIZ PROJECT ENGINEER
ORIGINAL	BY DA	DATE 02/09/2024
ADDENDUM A	BY DA	DATE 02/25/2024
CONTRACTOR		DATE STARTED
INSPECTOR		DATE COMPLETED
NEW PLAN SET		6292407-1926444 CCS27 COORDINATE CCS83 COORDINATE 0101384-13-D



SIGN CHART



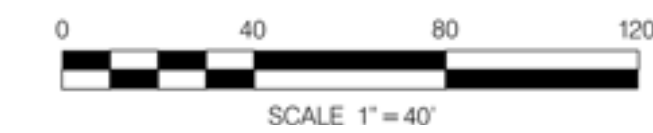
SIGNAGE CONSTRUCTION NOTES (THIS SHEET):

IS INSTALL NEW SIGN

SIGNAGE LEGEND:

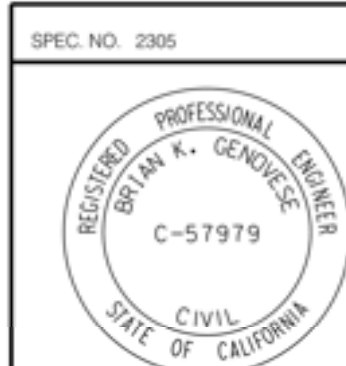
- EXISTING POLE
- NEW POLE
- LIGHT POLE

*INSTALL PERFORATED SQUARE STEEL TUBING (PSST) SIGN POST PER CITY OF SAN DIEGO STANDARD DRAWING SDM-104



T-14

AC2402 CARMEL MOUNTAIN RD (BL) STA. 15+70 & STA. 27+00 SIGNAGE PLAN		WBS • B24012
CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION DEPARTMENT SHEET 14 OF 24 SHEETS		
APPROVED: <i>Brian K. Genovese</i> FOR CITY ENGINEER BRIAN K. GENOVESE DEPUTY CITY ENGINEER	DATE 7-25-2024 DATE 02/09/2024 DATE 02/25/2024	SUBMITTED BY MANILYN DEL RIO PROJECT MANAGER CHECKED BY DANIEL AZIZ PROJECT ENGINEER
DESCRIPTION ORIGINAL	BY DA	DATE 02/09/2024
DESCRIPTION ADDENDUM A	BY DA	DATE 02/25/2024
CONTRACTOR INSPECTOR		DATE STARTED DATE COMPLETED
		6292407-1926444 CCS27 COORDINATE CCS83 COORDINATE 0101384-14-D



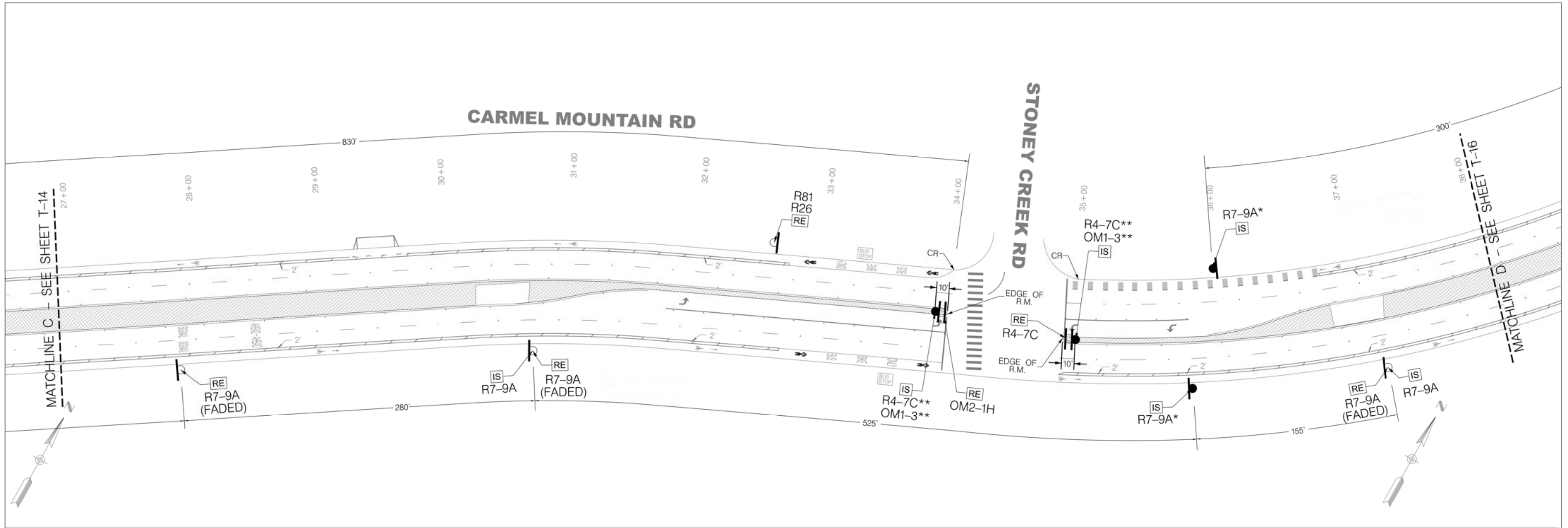
CONTRACTOR
INSPECTOR

DATE STARTED
DATE COMPLETED

0101384-14-D

NEW PLAN SET

ADDENDUM 41A



SIGN CHART

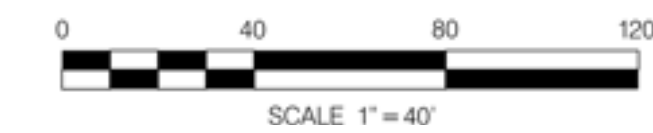
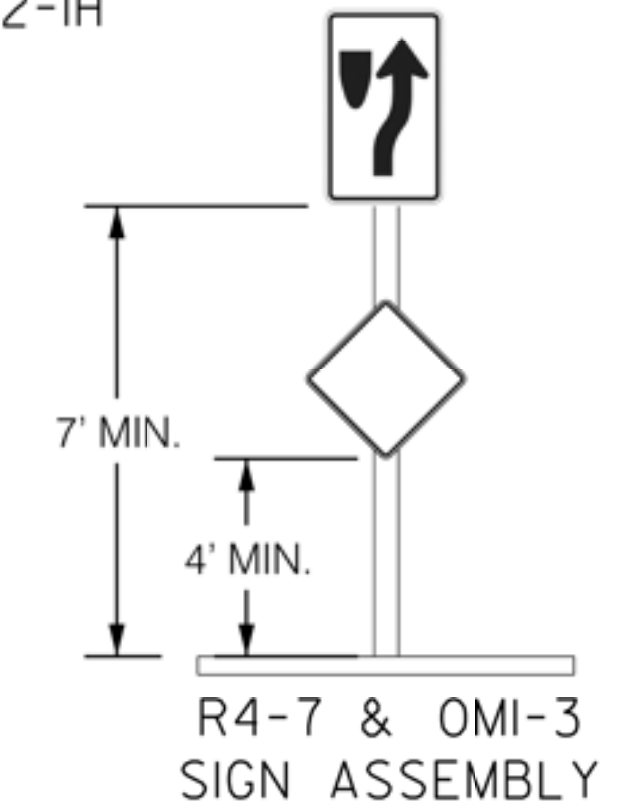
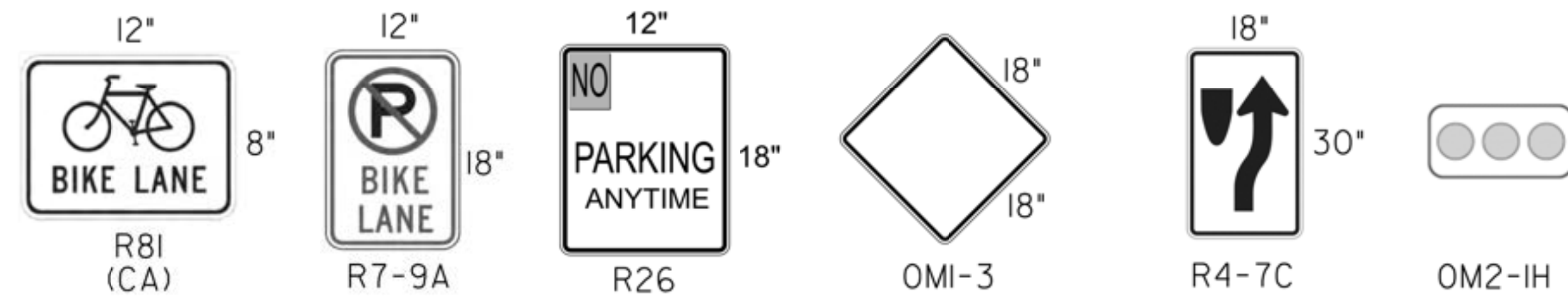
SIGNAGE CONSTRUCTION NOTES (THIS SHEET):

- IS INSTALL NEW SIGN
- RE REMOVE EXISTING SIGN

SIGNAGE LEGEND:

- EXISTING POLE
- NEW POLE

*INSTALL PERFORATED SQUARE STEEL TUBING (PSST) SIGN POST PER CITY OF SAN DIEGO STANDARD DRAWING SDM-104



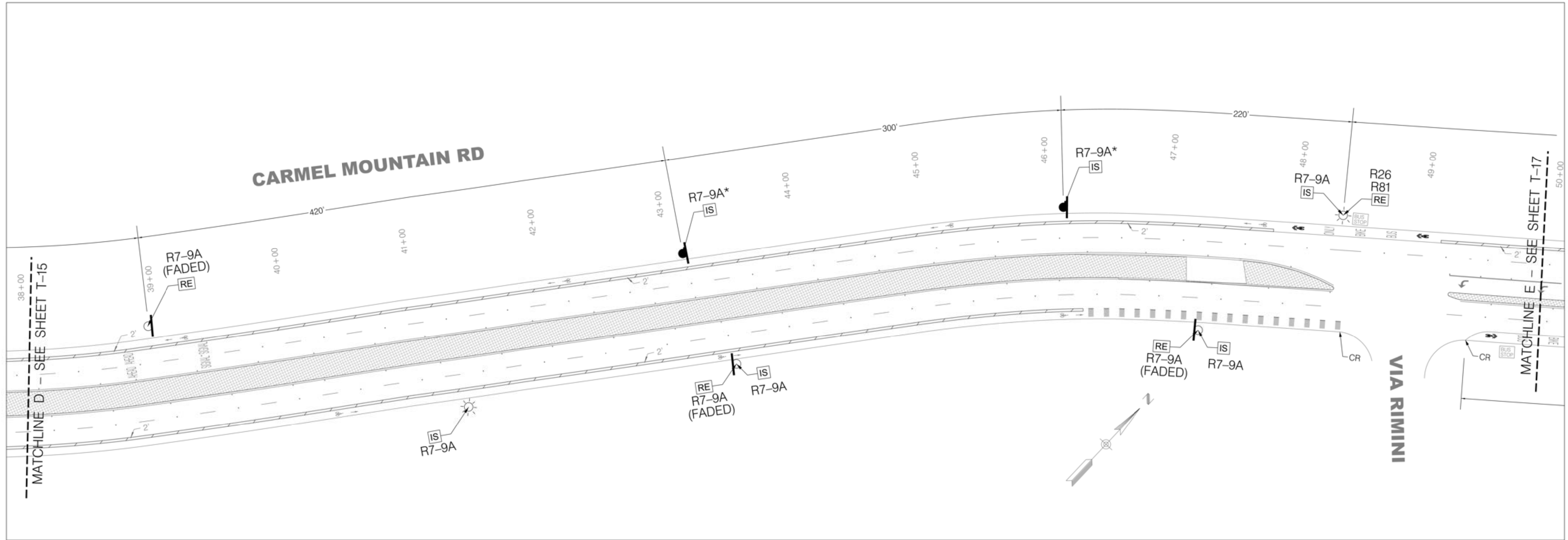
T-15

AC2402
CARMEL MOUNTAIN RD (BL)
STA. 27+00 & STA. 38+00
SIGNAGE PLAN

CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION DEPARTMENT SHEET 15 OF 24 SHEETS		WBS • B24012
APPROVED: <i>Brian K. Genovese</i> FOR CITY ENGINEER BRIAN K. GENOVESE DEPUTY CITY ENGINEER	DATE 7-25-2024	SUBMITTED BY MANILYN DEL RIO PROJECT MANAGER
DESCRIPTION	BY	APPROVED
ORIGINAL	DA	02/09/2024
ADDENDUM A	DA	02/25/2024
CONTRACTOR INSPECTOR		DATE STARTED DATE COMPLETED
6292407-1926444 CCS27 COORDINATE		286-1731 CCS27 COORDINATE
0101384-15-D CCS83 COORDINATE		

NEW PLAN SET

ADDENDUM 42A



SIGNAGE CONSTRUCTION NOTES (THIS SHEET):

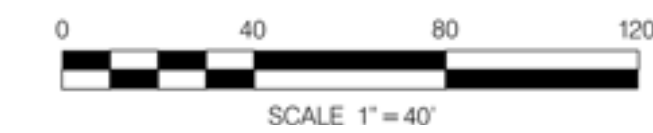
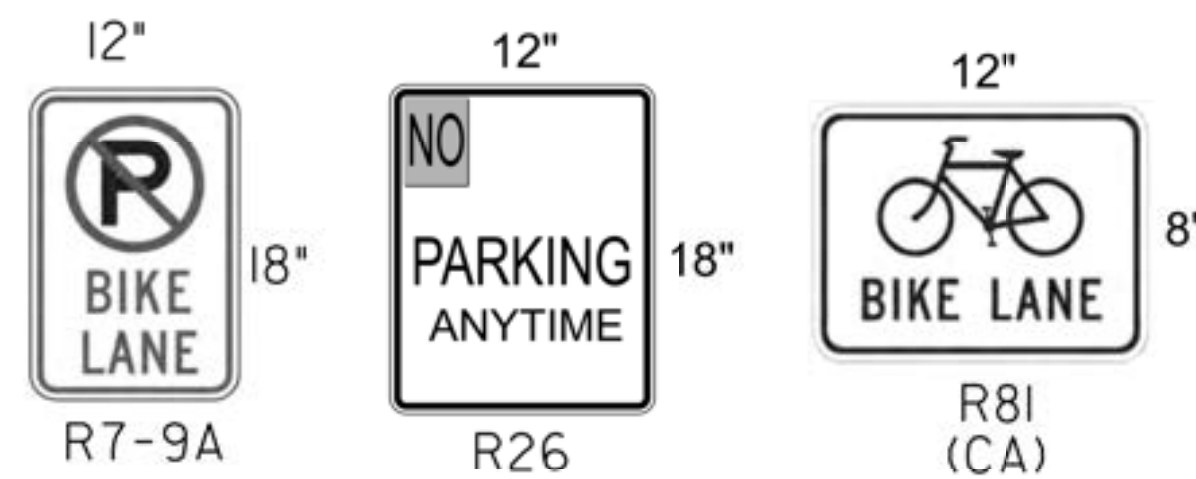
- IS** INSTALL NEW SIGN
- RE** REMOVE EXISTING SIGN

SIGNAGE LEGEND:

- EXISTING POLE
- NEW POLE
- LIGHT POLE

*INSTALL PERFORATED SQUARE STEEL TUBING (PSST) SIGN POST PER CITY OF SAN DIEGO STANDARD DRAWING SDM-104

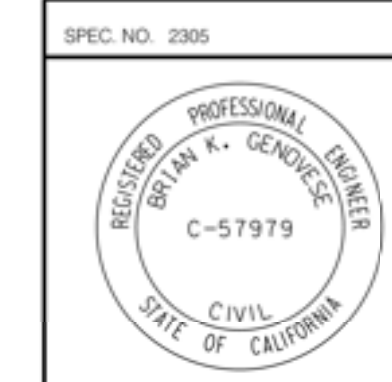
SIGN CHART



T-16

AC2402
 CARMEL MOUNTAIN RD (BL)
 STA. 38+00 & STA. 50+00
 SIGNAGE PLAN

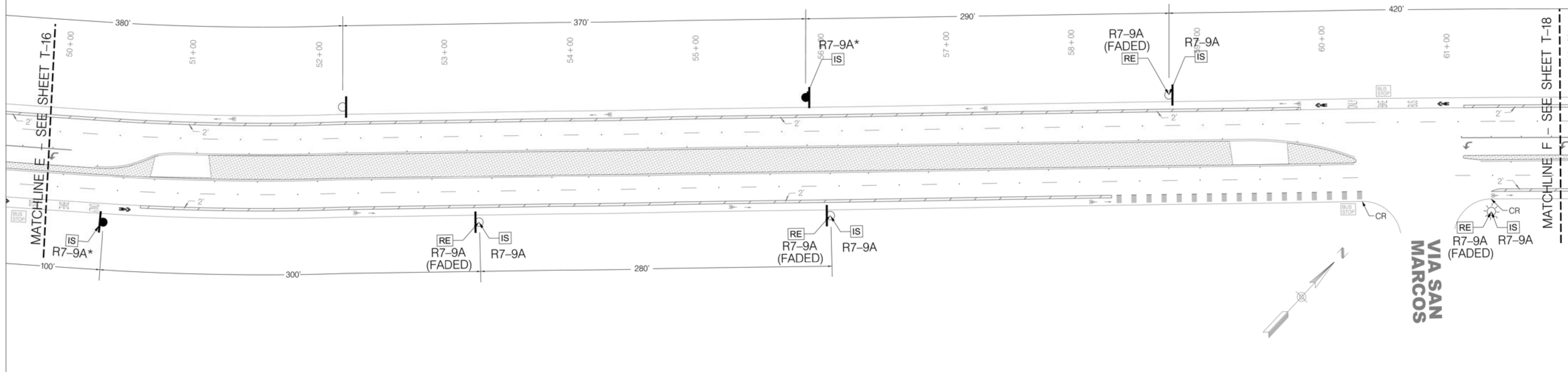
CITY OF SAN DIEGO, CALIFORNIA
 TRANSPORTATION DEPARTMENT
 SHEET 16 OF 24 SHEETS



APPROVED FOR CITY ENGINEER BRIAN K. GENOVESE DEPUTY CITY ENGINEER	DATE 7-25-2024	PROJECT MANAGER MANILYN DEL RIO
DESCRIPTION ORIGINAL	BY DA	DATE 02/09/2024
ADDENDUM A	BY DA	DATE 01/25/2024
CONTRACTOR INSPECTOR		DATE STARTED DATE COMPLETED

6292407-1926444
 CCS3 COORDINATE
 0101384-16-D

CARMEL MOUNTAIN RD



SIGNAGE CONSTRUCTION NOTES (THIS SHEET):

- IS** INSTALL NEW SIGN
- RE** REMOVE EXISTING SIGN

SIGNAGE LEGEND:

- EXISTING POLE
- NEW POLE
- LIGHT POLE

*INSTALL PERFORATED SQUARE STEEL TUBING (PSST) SIGN POST PER CITY OF SAN DIEGO STANDARD DRAWING SDM-104

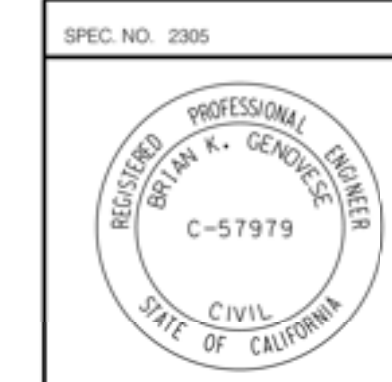
SIGN CHART



T-17

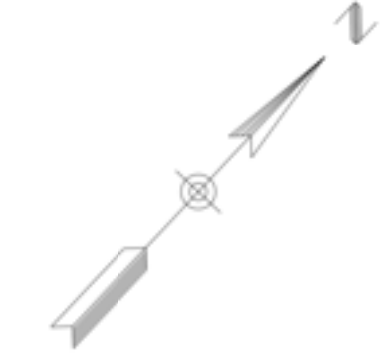
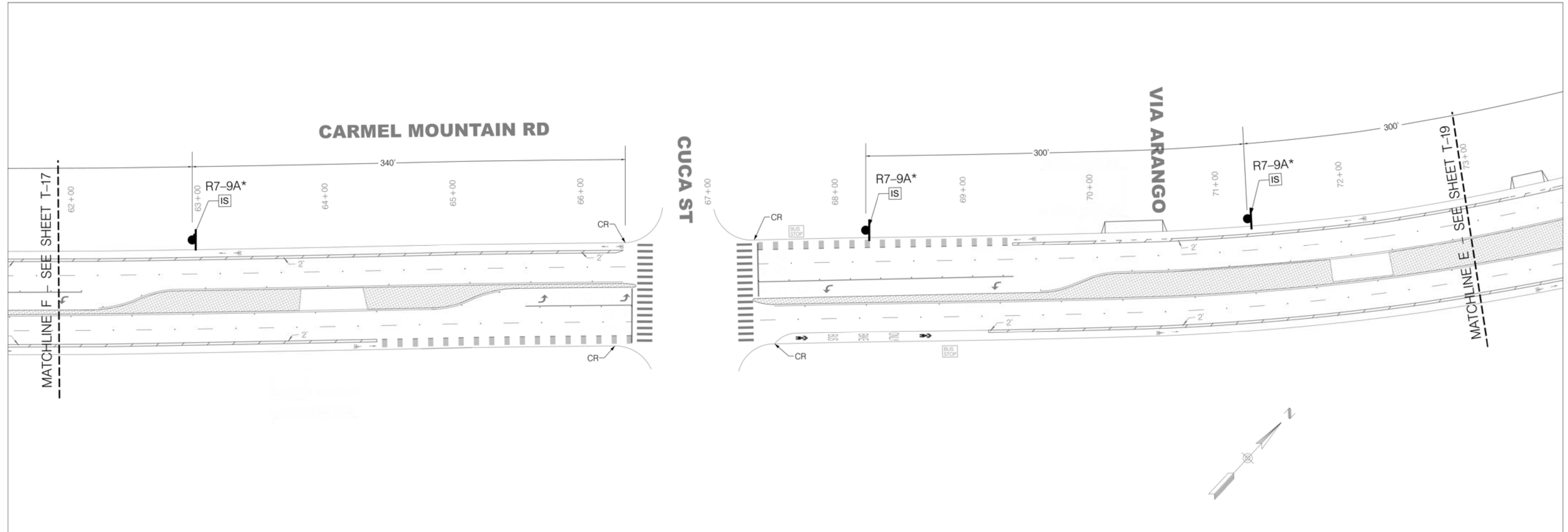
AC2402
CARMEL MOUNTAIN RD (BL)
STA. 50+00 & STA. 62+00
SIGNAGE PLAN

CITY OF SAN DIEGO, CALIFORNIA
TRANSPORTATION DEPARTMENT
SHEET 17 OF 24 SHEETS



APPROVED FOR CITY ENGINEER BRIAN K. GENOVESE DEPUTY CITY ENGINEER	DATE 7-25-2024	SUBMITTED BY MANILYN DEL RIO PROJECT MANAGER
DESCRIPTION ORIGINAL	BY DA	DATE 02/09/2024
ADDENDUM A	BY DA	DATE 02/25/2024
CONTRACTOR INSPECTOR		DATE STARTED DATE COMPLETED

WBS • B24012
DANIEL AZIZ
PROJECT ENGINEER
286-1731
CCS27 COORDINATE
6292407-1926444
CCS83 COORDINATE
0101384-17-D



SIGN CHART



SIGNAGE CONSTRUCTION NOTES (THIS SHEET):

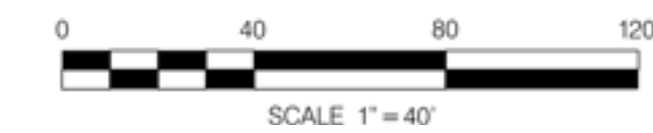
- IS** INSTALL NEW SIGN
- RE** REMOVE EXISTING SIGN

SIGNAGE LEGEND:



*INSTALL PERFORATED SQUARE STEEL TUBING (PSST) SIGN POST PER CITY OF SAN DIEGO STANDARD DRAWING SDM-104

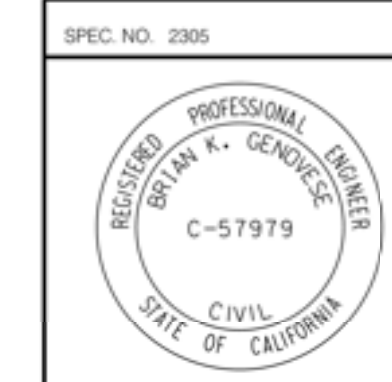
** INSTALL 2 1/2" X 2 1/2" BY 10 GA PERFORATED SQUARE STEEL TUBE (PSST) SIGN POST PER 2023 CALTRANS STANDARD PLAN RS5 & RS6. MAINTAIN 7' CLEARANCE FROM GROUND TO BOTTOM OF SIGN(S).



T-18

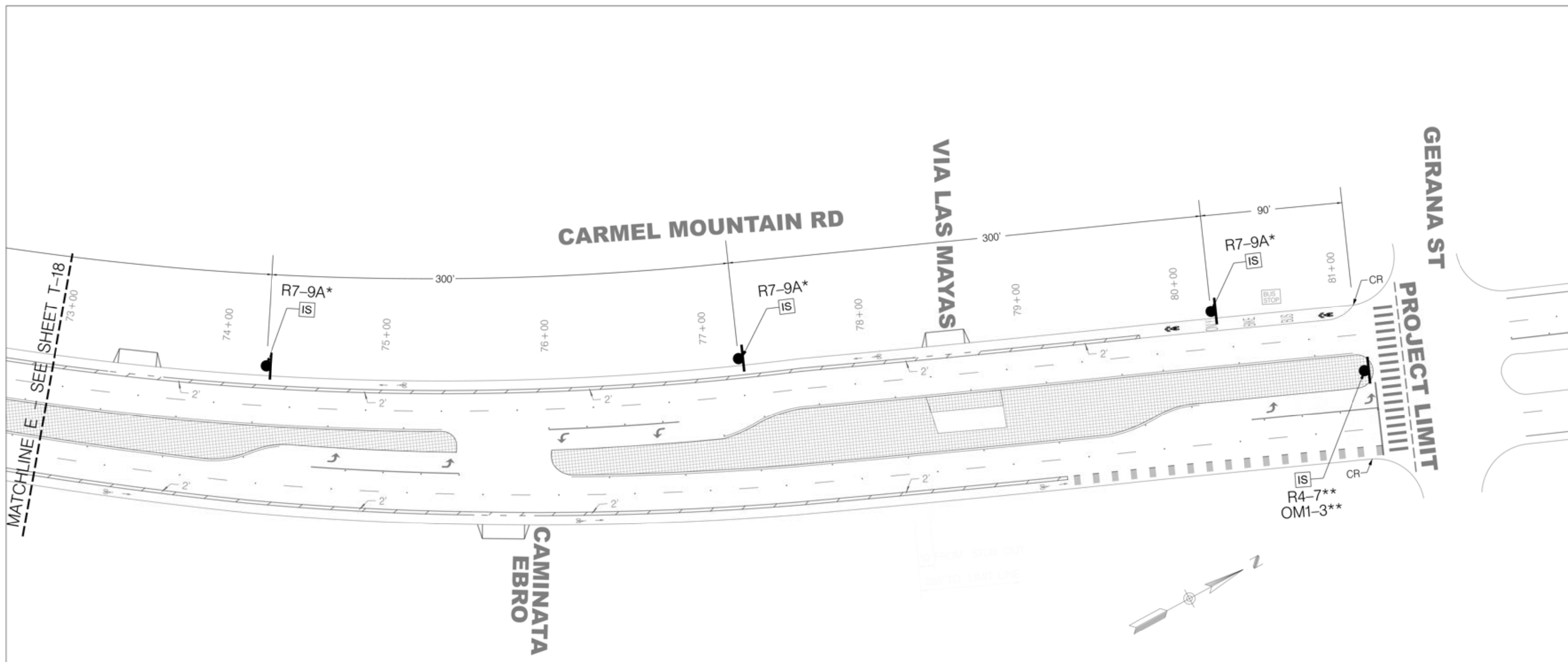
AC2402
 CARMEL MOUNTAIN RD (BL)
 STA. 62+00 & STA. 73+00
 SIGNAGE PLAN

CITY OF SAN DIEGO, CALIFORNIA
 TRANSPORTATION DEPARTMENT
 SHEET 18 OF 24 SHEETS



APPROVED BY: <i>Brian K. Genovese</i> FOR CITY ENGINEER BRIAN K. GENOVESE DEPUTY CITY ENGINEER	DATE: 7-25-2024 DATE: 02/09/2024 DATE: 02/25/2024	PROJECT MANAGER: MANILYN DEL RIO PROJECT ENGINEER: DANIEL AZIZ
DESCRIPTION: ORIGINAL	BY: DA	DATE: 02/09/2024
DESCRIPTION: ADDENDUM A	BY: DA	DATE: 02/25/2024
CONTRACTOR: _____		INSPECTOR: _____
DATE STARTED: _____		DATE COMPLETED: _____

WBS • B24012
 286-1731
 CCS27 COORDINATE
 6292407-1926444
 CCS83 COORDINATE
 0101384-18-D



SIGNAGE CONSTRUCTION NOTES (THIS SHEET):

IS INSTALL NEW SIGN

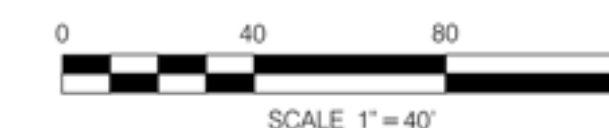
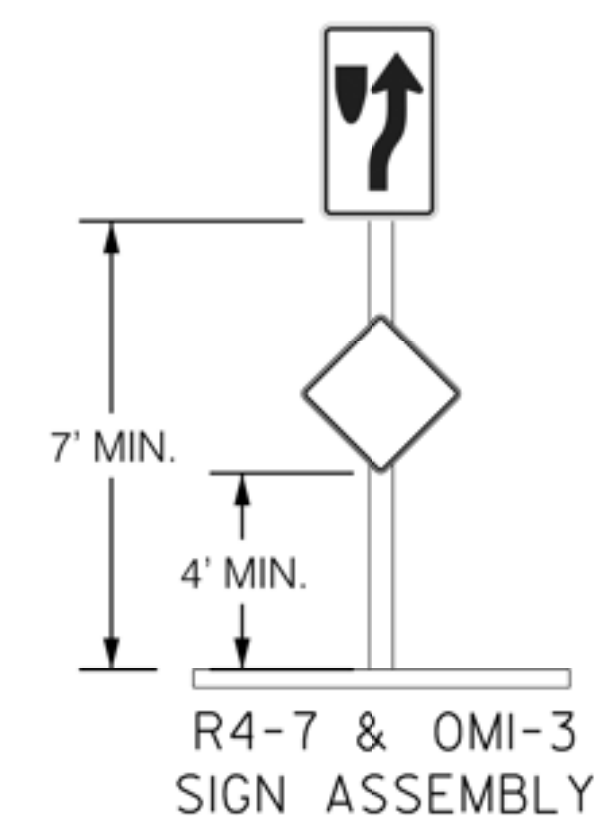
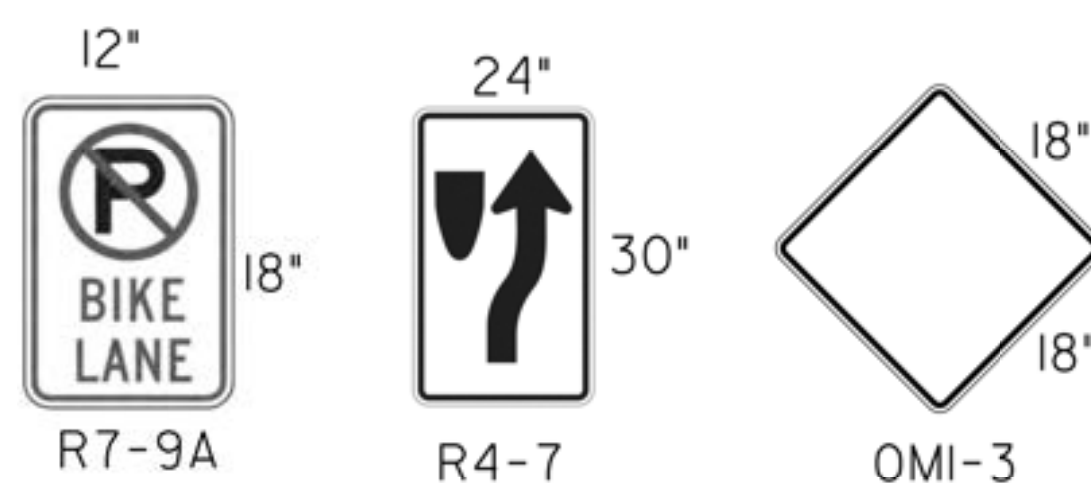
SIGNAGE LEGEND:

p NEW POLE

*INSTALL PERFORATED SQUARE STEEL TUBING (PSST) SIGN POST PER CITY OF SAN DIEGO STANDARD DRAWING SDM-104

** INSTALL 2 1/2" X 2 1/2" BY 10 GA PERFORATED SQUARE STEEL TUBE (PSST) SIGN POST PER 2023 CALTRANS STANDARD PLAN RS5 & RS6. MAINTAIN 7' CLEARANCE FROM GROUND TO BOTTOM OF SIGN(S).

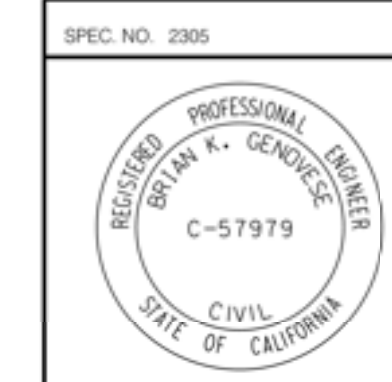
SIGN CHART



T-19

AC2402
CARMEL MOUNTAIN RD (BL)
STA. 73+00 & GERANA ST
SIGNAGE PLAN

CITY OF SAN DIEGO, CALIFORNIA
TRANSPORTATION DEPARTMENT
SHEET 19 OF 24 SHEETS

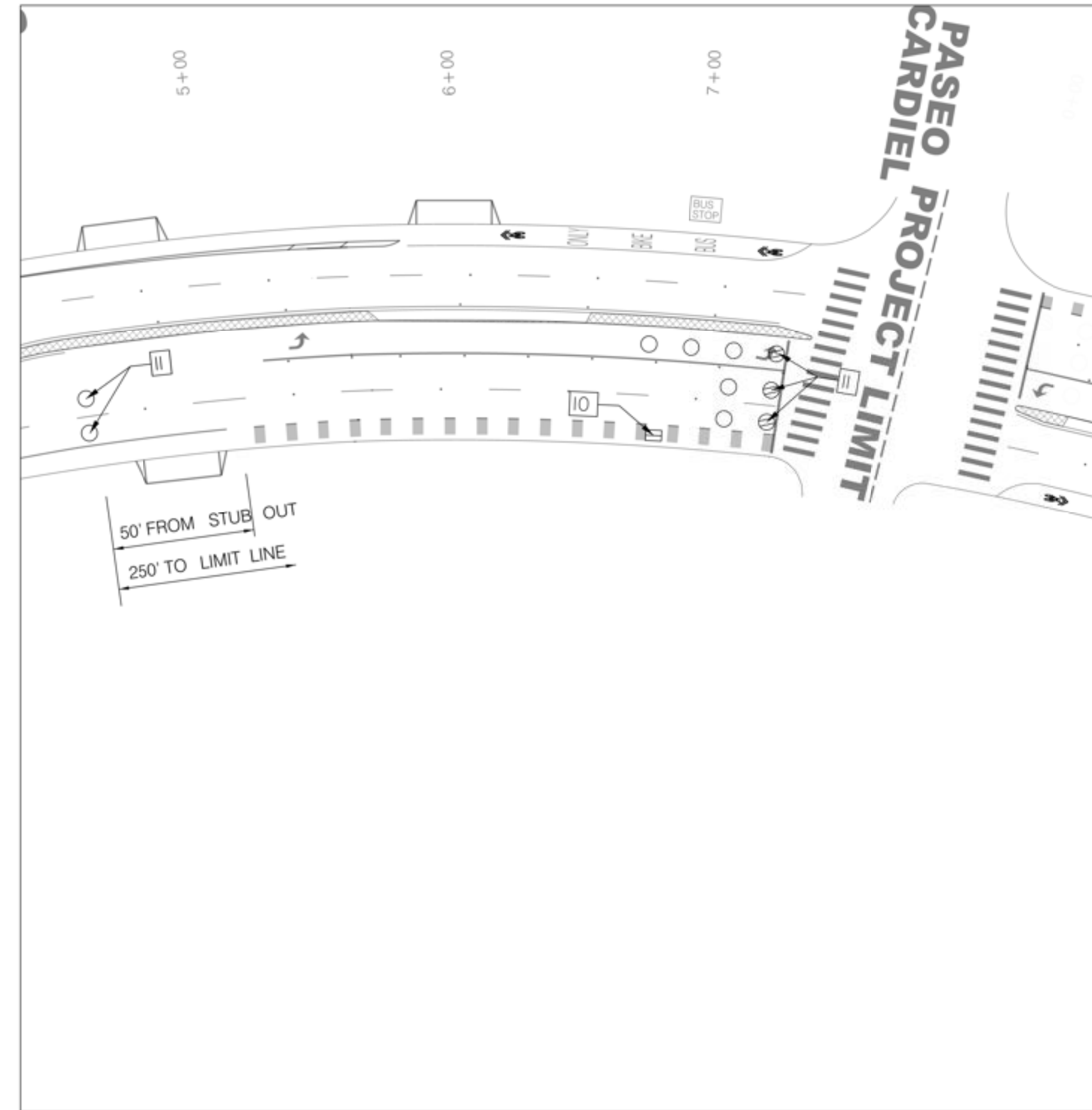


APPROVED FOR CITY ENGINEER (BRIAN K. GENOVESE) DEPUTY CITY ENGINEER	DATE: 7-25-2024	PROJECT MANAGER (MANILYN DEL RIO)
PROJECT ENGINEER (DANIEL AZIZ)	PROJECT NUMBER: 286-1731	COORDINATE: CCS27
DESCRIPTION: ORIGINAL	DATE: 02/09/2024	COORDINATE: 6292407-1926444
DESCRIPTION: ADDENDUM A	DATE: 07/25/2024	COORDINATE: CCS83

CONTRACTOR: _____ DATE STARTED: _____
INSPECTOR: _____ DATE COMPLETED: _____

NEW PLAN SET

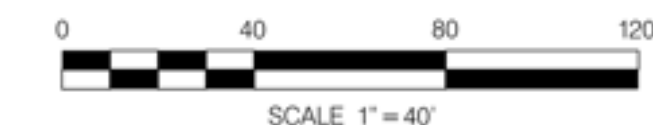
ADDENDUM A 46A



ELECTRICAL CONSTRUCTION NOTES (THIS SHEET):

- 10 INSTALL TYPE O 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 SHOWN PER PLAN. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
- 11 REPLACE EXISTING LOOPS WITH NEW TYPE E (MOD) DETECTOR LOOPS PER CITY OF SAN DIEGO STANDARD DRAWING SDE-104 AND NEW TYPE E DETECTOR LOOPS PER CALTRANS LOOP DETECTOR CONFIGURATION STANDARD PLAN ES-5B AS SHOWN ON PLAN.

LEGEND	
TYPE D LOOP DETECTOR PER CALTRANS STANDARD PLAN ES-5B	
TYPE E MODIFIED LOOP, PER CITY OF SAN DIEGO STANDARD DRAWING SDE-104.	
TYPE E LOOP	
TYPE O LOOP	
EXISTING STUBOUT	
EXISTING LOOPS	
SIGNAL SERVICE METER	

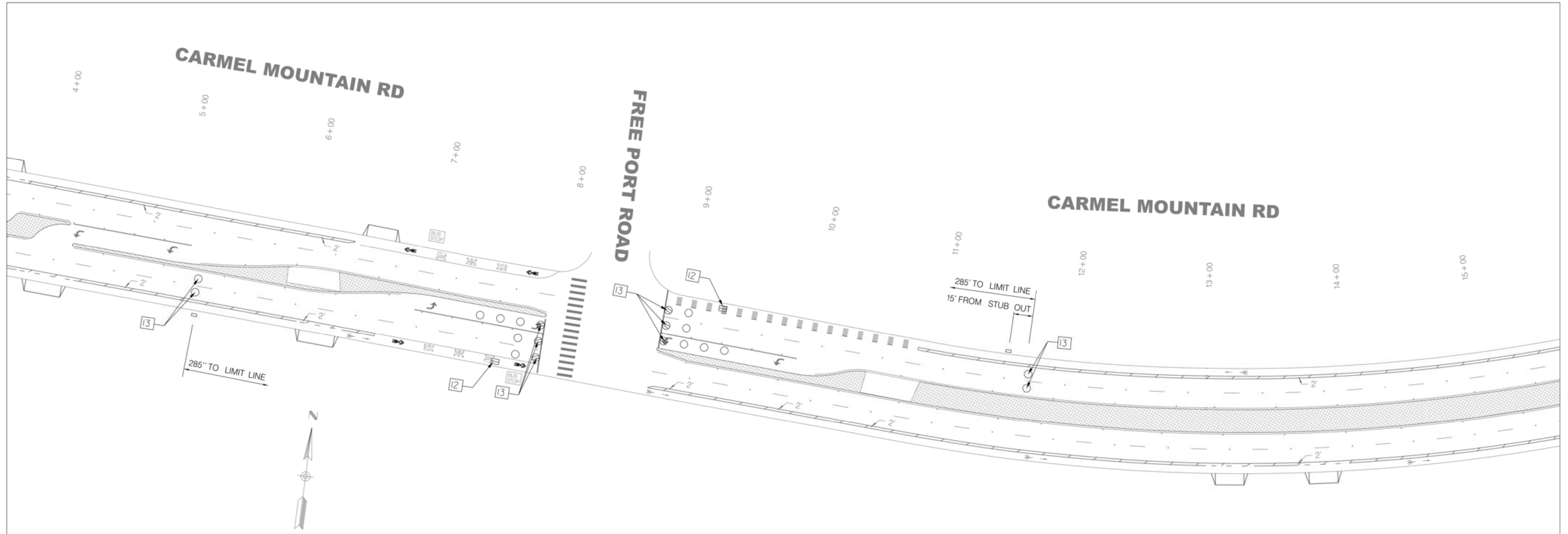


E-1

AC2405
 CARMEL MOUNTAIN RD (BL)
 AT PASEO CARDIEL
 ELECTRICAL PLAN

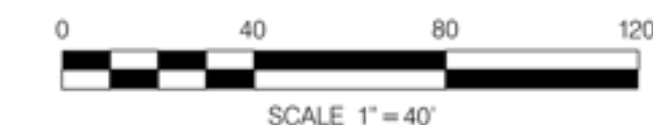
CITY OF SAN DIEGO, CALIFORNIA
 TRANSPORTATION DEPARTMENT
 SHEET 20 OF 24 SHEETS

	APPROVED: <i>Brian K. Genovese</i> FOR CITY ENGINEER BRIAN K. GENOVESE DEPUTY CITY ENGINEER	DATE: 7-25-2024 PROJECT: C-07979	SUBMITTED BY: MANILYN DEL RIO PROJECT MANAGER CHECKED BY: DANIEL AZIZ PROJECT ENGINEER
DESCRIPTION ORIGINAL ADDENDUM A	BY: DA DA DA	APPROVED: [Signature] DATE: 02/09/2024 02/25/2024	FILMED: [] 286-1731 CCS27 COORDINATE 6292407-1926444 CCS83 COORDINATE
CONTRACTOR INSPECTOR	DATE STARTED DATE COMPLETED	WBS • B24012	0101384-20-D



ELECTRICAL CONSTRUCTION NOTES (THIS SHEET):

- 12 INSTALL TYPE O 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 SHOWN PER PLAN. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
- 13 REPLACE EXISTING LOOPS WITH NEW TYPE E (MOD) DETECTOR LOOPS PER CITY OF SAN DIEGO STANDARD DRAWING SDE-104 AND NEW TYPE E DETECTOR LOOPS PER CALTRANS LOOP DETECTOR CONFIGURATION STANDARD PLAN ES-5B AS SHOWN ON PLAN.

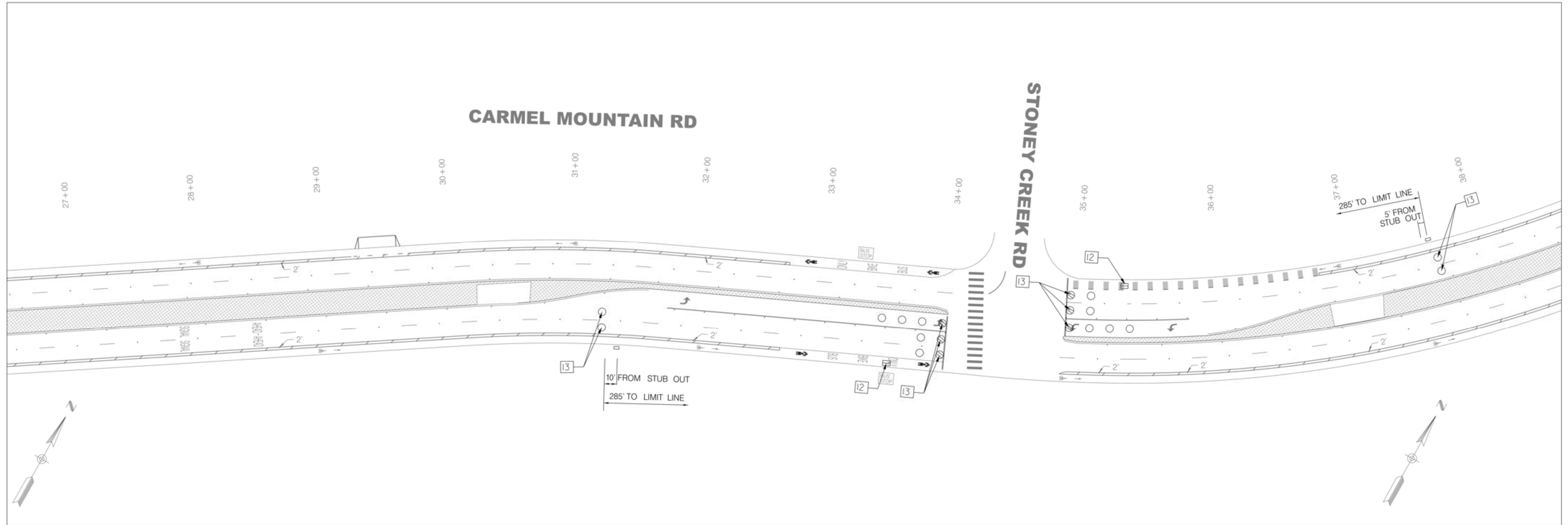


E-2

LEGEND	
TYPE E MODIFIED LOOP, PER CITY OF SAN DIEGO STANDARD DRAWING SDE-104.	
TYPE E LOOP	
TYPE O LOOP	
EXISTING STUBOUT	

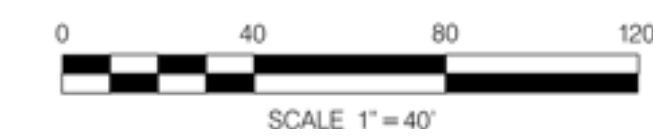
AC2402
 CARMEL MOUNTAIN RD (BL)
 AT FREE PORT ROAD
 ELECTRICAL PLAN

CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION DEPARTMENT SHEET 21 OF 24 SHEETS		WBS • B24012
	APPROVED: <i>Brian K. Genovese</i> FOR CITY ENGINEER BRIAN K. GENOVESE DEPUTY CITY ENGINEER	SUBMITTED BY: MANILYN DEL RIO PROJECT MANAGER CHECKED BY: DANIEL AZIZ PROJECT ENGINEER
SPEC. NO. 2305 DATE: 7-25-2024 PROJECT: C-07979	DESCRIPTION: ORIGINAL BY: DA APPROVED: 02/09/2024 DATE: 02/09/2024 FILED: 02/05/2024	286-1731 CCS27 COORDINATE 6292407-1926444 CCS83 COORDINATE
CONTRACTOR: _____ INSPECTOR: _____	DATE STARTED: _____ DATE COMPLETED: _____	0101384-21-D



ELECTRICAL CONSTRUCTION NOTES (THIS SHEET):

- 12 INSTALL TYPE O 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 SHOWN PER PLAN. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
- 13 REPLACE EXISTING LOOPS WITH NEW TYPE E (MOD) DETECTOR LOOPS PER CITY OF SAN DIEGO STANDARD DRAWING SDE-104 AND NEW TYPE E DETECTOR LOOPS PER CALTRANS LOOP DETECTOR CONFIGURATION STANDARD PLAN ES-5B AS SHOWN ON PLAN.



LEGEND

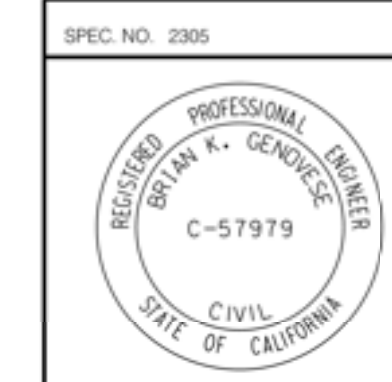
- TYPE E MODIFIED LOOP, PER CITY OF SAN DIEGO STANDARD DRAWING SDE-104.
- TYPE E LOOP
- TYPE O LOOP
- EXISTING STUBOUT

E-3

AC2402
CARMEL MOUNTAIN RD (BL)
AT STONEY CREEK RD
ELECTRICAL PLAN

CITY OF SAN DIEGO, CALIFORNIA
TRANSPORTATION DEPARTMENT
SHEET 22 OF 24 SHEETS

WBS • B24012

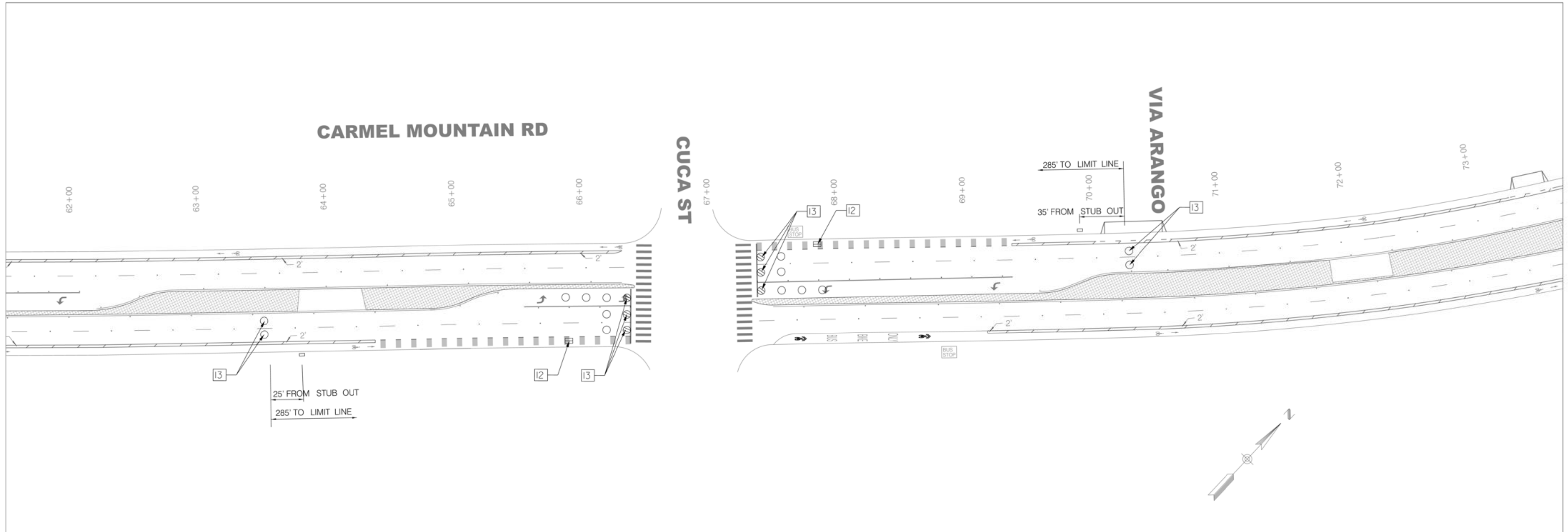


APPROVED FOR CITY ENGINEER BRIAN K. GENDRESE DEPUTY CITY ENGINEER	DATE 7-25-2024	PROJECT MANAGER MANILYN DEL RIO
DESCRIPTION ORIGINAL	BY DA	DATE 02/09/2024
ADDENDUM A	BY DA	DATE 01/25/2024
PROJECT ENGINEER DANIEL AZIZ		PROJECT NUMBER 286-1731
CONTRACTOR		COORDINATE CCS27 COORDINATE 6292407-1926444
INSPECTOR		COORDINATE CCS83 COORDINATE 0101384-22-D

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

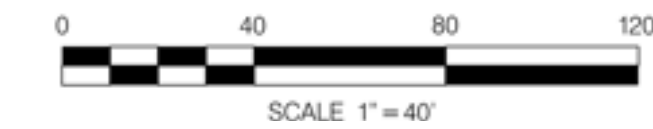
NEW PLAN SET

ADDENDUM A 49A



ELECTRICAL CONSTRUCTION NOTES (THIS SHEET):

- 12 INSTALL TYPE O 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 SHOWN PER PLAN. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
- 13 REPLACE EXISTING LOOPS WITH NEW TYPE E (MOD) DETECTOR LOOPS PER CITY OF SAN DIEGO STANDARD DRAWING SDE-104 AND NEW TYPE E DETECTOR LOOPS PER CALTRANS LOOP DETECTOR CONFIGURATION STANDARD PLAN ES-5B AS SHOWN ON PLAN.



E-4

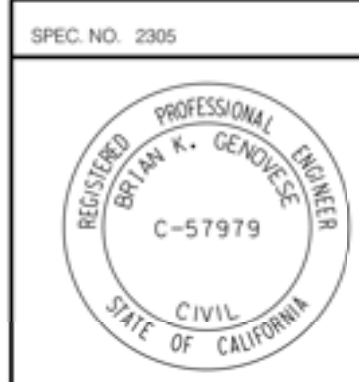
LEGEND

- TYPE E MODIFIED LOOP, PER CITY OF SAN DIEGO STANDARD DRAWING SDE-104.
- TYPE E LOOP
- TYPE O LOOP
- EXISTING STUBOUT

AC2402
CARMEL MOUNTAIN RD (BL)
AT CUCA ST
ELECTRICAL PLAN

CITY OF SAN DIEGO, CALIFORNIA
TRANSPORTATION DEPARTMENT
SHEET 23 OF 24 SHEETS

WBS • B24012



APPROVED: FOR CITY ENGINEER BRIAN K. GENOVESE DEPUTY CITY ENGINEER	DATE 7-25-2024	SUBMITTED BY MANILYN DEL RIO PROJECT MANAGER
DESCRIPTION ORIGINAL	BY DA	DATE 02/09/2024
ADDENDUM A	BY DA	DATE 01/25/2024
CONTRACTOR INSPECTOR		DATE STARTED DATE COMPLETED

CHECKED BY
DANIEL AZIZ
PROJECT ENGINEER

286-1731
CCS27 COORDINATE

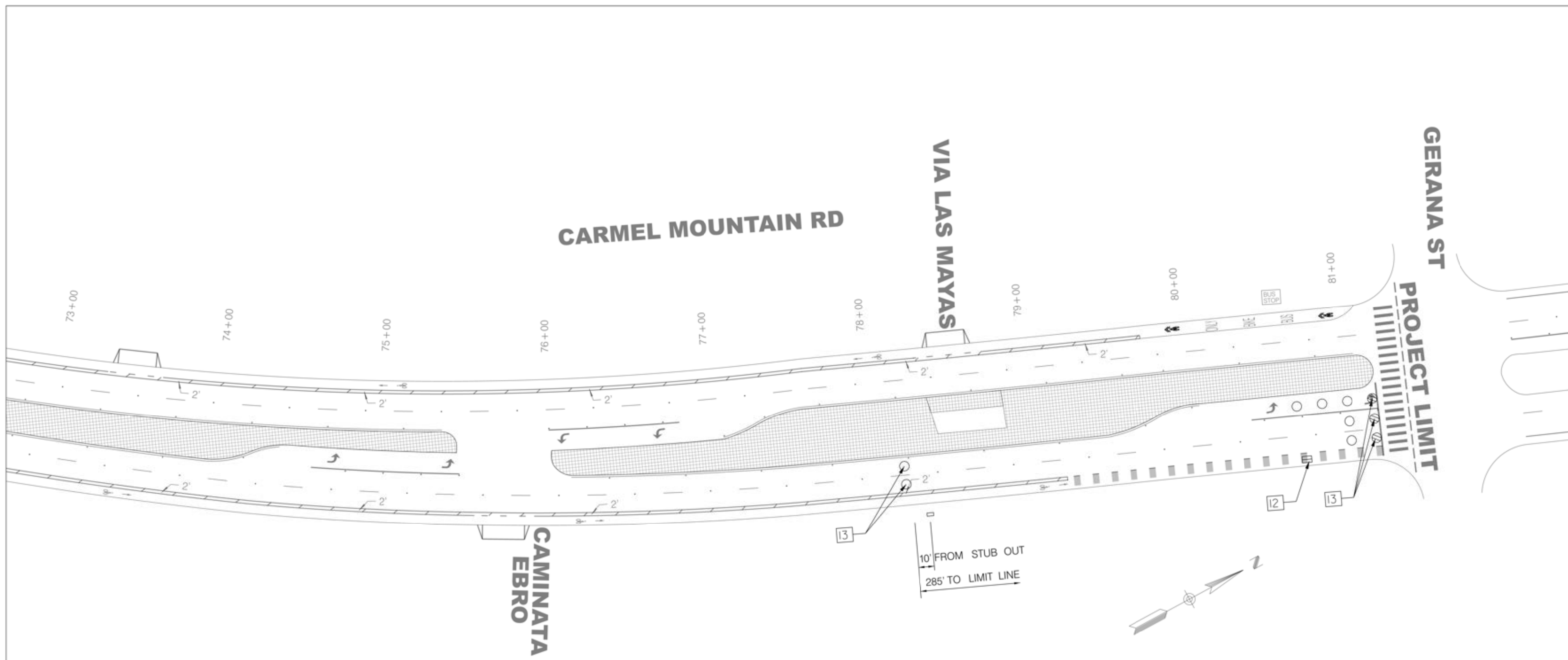
6292407-1926444
CCS83 COORDINATE

0101384-23-D

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

NEW PLAN SET

ADDENDUM A 50A



ELECTRICAL CONSTRUCTION NOTES (THIS SHEET):

- 12 INSTALL TYPE O 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 SHOWN PER PLAN. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
- 13 REPLACE EXISTING LOOPS WITH NEW TYPE E (MOD) DETECTOR LOOPS PER CITY OF SAN DIEGO STANDARD DRAWING SDE-104 AND NEW TYPE E DETECTOR LOOPS PER CALTRANS LOOP DETECTOR CONFIGURATION STANDARD PLAN ES-5B AS SHOWN ON PLAN.



E-5

LEGEND	
TYPE E MODIFIED LOOP, PER CITY OF SAN DIEGO STANDARD DRAWING SDE-104.	
TYPE E LOOP	
TYPE O LOOP	
EXISTING STUBOUT	

AC2402
CARMEL MOUNTAIN RD (BL)
AT GERANA ST
ELECTRICAL PLAN

CITY OF SAN DIEGO, CALIFORNIA
TRANSPORTATION DEPARTMENT
SHEET 24 OF 24 SHEETS

WBS • B24012

	APPROVED:	DATE:	SUBMITTED BY:		
	BRIAN K. GENOVESE DEPUTY CITY ENGINEER	7-25-2024	MANILYN DEL RIO PROJECT MANAGER		
	DESCRIPTION:	BY:	APPROVED:	DATE:	FILED:
	ORIGINAL	DA		02/09/2024	
	ADDENDUM A	DA	8/9	01/25/2024	
CONTRACTOR		DATE STARTED		6292407-1926444	
INSPECTOR		DATE COMPLETED		CCS27 COORDINATE	
				CCS83 COORDINATE	
				0101384-24-D	

(AC2402) NORTH TORREY PINES RD STRIPING, SIGNAGE & ELECTRICAL IMPROVEMENT

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
ECPIO1022-01	2021	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "GREENBOOK")
ECPIO1022-02	2021	CITY OF SAN DIEGO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "WHITEBOOK")
ECPIO1022-03	2021	CITY OF SAN DIEGO STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION
ECPD092023-05	2023	CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS
ECPD092023-06	2023	CALTRANS STANDARDS PLANS
ECPD032324-07	2014 REV. 8	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.
- PEDESTRIAN CROSSWALKS, LIMIT LINES, PAVEMENT ARROWS, PAVEMENT LEGENDS, DIAGONAL MARKINGS, CHEVRON MARKINGS, AND ALL BIKEWAY MARKINGS, SHALL BE INSTALLED UTILIZING 125 MIL THICKNESS THERMOPLASTIC MARKING MATERIAL.
- ALL MEDIAN NOSES SHALL BE PAINTED YELLOW AS DIRECTED.
- ADD CONTRAST MARKING ON CONCRETE PAVEMENT PER CALTRANS STANDARD PLAN A20E
- 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.
- 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.
- SIGN POSTS SHALL BE INSTALLED WITH SQUARE PERFORATED STEEL TUBING WITH A BREAKAWAY BASE, PER CITY OF SAN DIEGO STANDARD DRAWING SDM-104 OR CALTRANS STANDARD PLAN, AS SHOWN ON PLAN.
- STATIONING PROVIDED FOR STRIPING LAYOUT ONLY AND IS NOT SURVEY BASED STATIONING.
- ALL CURB FACES WITH CYCLE TRACK, WITHIN PROJECT LIMITS, TO BE PAINTED RED.

SHEET INDEX

SHEET NO.	DISCIPLINE CODE	TITLE	LIMITS
1	T-1	COVER SHEET	
2	T-2	DETAILS AND LEGEND	
3	T-3	STRIPING PLAN	BETWEEN STA 0+00 TO STA 11+00
4	T-4	STRIPING PLAN	BETWEEN STA 11+00 TO STA 21+00
5	T-5	SIGN AND POST DATA TABLE	
6	T-6	SIGNAGE PLAN	BETWEEN STA 0+00 TO STA 11+00
7	T-7	SIGNAGE PLAN	BETWEEN STA 11+00 TO STA 21+00
8	T-8	ELECTRICAL PLAN	BETWEEN TORREY PINES RD AND REVELLE COLLEGE DR
9	T-9	ELECTRICAL PLAN	NORTH TORREY PINES RD AT LA JOLLA SHORES DRIVE

STRIPING CONSTRUCTION NOTES:

- INSTALL BIKE LANE ARROW AND BIKE SYMBOL WITH PERSON, PER CALTRANS STANDARD PLAN A24A AND A24C, 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 PAVEMENT MARKING LIMIT LINE (STOP LINE) PER CALTRANS STANDARD PLAN A24G.
- INSTALL 6" WHITE DIAGONAL CROSS HATCHING THERMOPLASTIC 125 MIL STRIPE, ANGLED AT 45 DEGREES AND AT 20' INTERVALS. SEE BUFFERED BICYCLE LANE DETAIL.
- INSTALL WHITE CONTINENTAL CROSSWALK MARKINGS, PER CITY OF SAN DIEGO STANDARD DRAWING NUMBER SDM-i16. 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 SHARED ROADWAY BICYCLE MARKING, PER CALTRANS STANDARD PLAN A24C. SHARED ROADWAY BICYCLE MARKING SHALL BE POSITIONED IN CENTER OF TRAVEL LANE, OR AS SHOWN PER PLAN.
- INSTALL PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A, IN CENTER OF TRAVEL LANE. PLACE PAVEMENT ARROW 10' FROM BEGINNING OF POCKET, OR AS SHOWN ON PLAN.
- INSTALL PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A, IN CENTER OF TRAVEL LANE. PLACE PAVEMENT ARROW 10' FROM BEGINNING OF POCKET, OR AS SHOWN ON PLAN.
- INSTALL PAVEMENT MARKING 'BIKE BUS ONLY' PER CALTRANS STANDARD PLAN A24E. SEE 'DETAIL F'. IF CONCRETE PAVEMENT PRESENT, SEE GENERAL NOTE 7 FOR INSTALLATION.

- INSTALL WHITE TRAFFIC CHANNELIZER WITH A CURB OR APPROVED EQUAL, 28" IN HEIGHT, 3" DIAMETER POST, WHITE, WITH TWO (2) WHITE RETROREFLECTIVE BANDS, AT 20' INTERVALS, OR SHOWN ON PLAN. CHANNELIZER WITH CURB SHALL NOT BE PLACED TO INTERFERE WITH BUS STOP OPERATIONS.

- INSTALL SKID/SLIP RESISTANT BIKE LANE GREEN PREFORMED THERMOPLASTIC PAVEMENT MATERIAL IN ACCORDANCE WITH FHWA 1A-14. GREEN THERMOPLASTIC SHOULD NOT BE PLACED IN GUTTER PAN WHERE PRESENT. SEE 'DETAIL A' GREEN BIKE LANE SYMBOL LAYOUT, OR 'DETAIL B' GREEN BIKE LANE SYMBOL LAYOUT WITH DETAIL 39 ON ONE SIDE AND DETAIL 38A ON THE OTHER SIDE, OR 'DETAIL C' GREEN DASHED PATTERN WITH DETAIL 39A ON BOTH SIDES, OR 'DETAIL D' GREEN PATTERN WITH DETAIL 39A ON ONE SIDE, OR 'DETAIL E' GREEN BIKE SYMBOL LAYOUT WITH DETAIL 38A ON BOTH SIDE, OR 'DETAIL F' GREEN BIKE LANE LAYOUT WITH DETAIL 37B ON ONE SIDE

- ALL MEDIAN NOSES SHALL BE PAINTED YELLOW AS DIRECTED

SIGNAGE CONSTRUCTION NOTES:

- IS INSTALL NEW SIGN
- RL REMOVE EXISTING POLE AND REINSTALL EXISTING SIGN ON NEW POLE
- RE REMOVE EXISTING SIGN AND EXISTING POLE

ELECTRICAL CONSTRUCTION NOTES

- INSTALL TYPE O 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 SHOWN PER PLAN. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
- REPLACE EXISTING LOOPS WITH NEW TYPE E (MOD) DETECTOR LOOPS PER CITY OF SAN DIEGO STANDARD DRAWING SDE-104 AND NEW TYPE E DETECTOR LOOPS PER CALTRANS LOOP DETECTOR CONFIGURATION STANDARD PLAN ES-5B AS SHOWN ON PLAN.

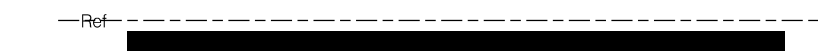
STRIPING DETAILS:

LANE WIDTH DIMENSIONS ARE DEFINED AS CENTER OF STRIPE TO TOP 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 12, 4-INCH WIDE STRIPE



DETAIL 25, 4-INCH WIDE STRIPE



DETAIL 27B, 4-INCH WIDE STRIPE



DETAIL 29, 4-INCH WIDE STRIPE



DETAIL 39, 6-INCH WIDE STRIPE



DETAIL 39A, 6-INCH WIDE STRIPE



DETAIL 43, 8-INCH WIDE STRIPE



DETAIL 37B, 8-INCH WIDE STRIPE



DETAIL 38, 8-INCH WIDE STRIPE



DETAIL 38A, 8-INCH WIDE STRIPE



DETAIL 39, 6-INCH WIDE STRIPE



DETAIL 39A, 6-INCH WIDE STRIPE



DETAIL 43, 8-INCH WIDE STRIPE



DETAIL 37B, 8-INCH WIDE STRIPE

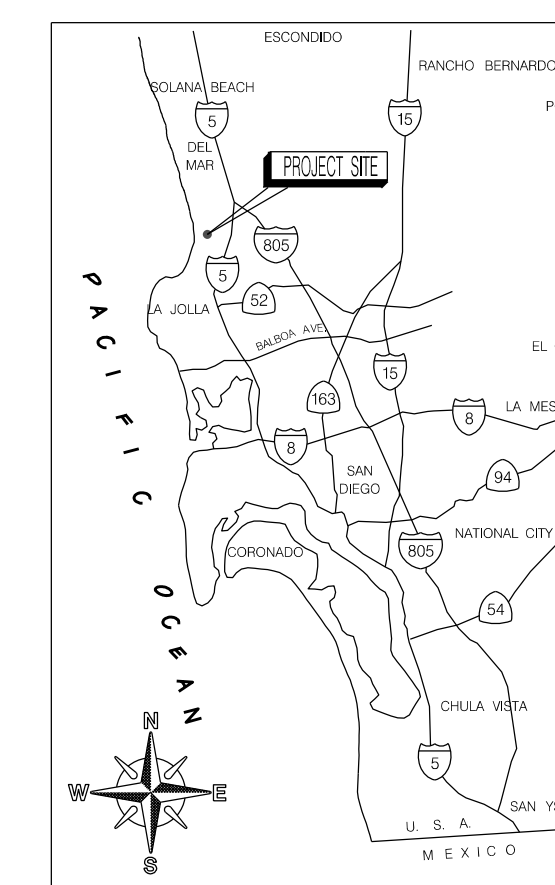


ABBREVIATIONS		DISCIPLINE CODE	
CR	CURB RETURN	E	ELECTRICAL
LF	LINEAR FEET	T	TRAFFIC
TYP	TYPICAL		

TRAFFIC DATA TABLE

STREET NAME	LIMITS	ADT (AVERAGE DAILY TRAFFIC VOLUME) (MPH)	85TH PERCENTILE SPEED (MPH)	DESIGN SPEED (STREET DESIGN MANUAL) (MPH)	POSTED SPEED LIMIT (MPH)	STREET CLASSIFICATION	PLANNED BIKEWAY CLASSIFICATION	BIKEWAY MILEAGE
NORTH TORREY PINES RD	BETWEEN NORTH TORREY PINES RD AND REVELLE COLLEGE DR	21,083 (2015)	51MPH	55MPH	45MPH	6-LANE PRIMARY ARTERIAL	CLASS II(CP)	1 MILE OF CLASS IV
NORTH TORREY PINES RD	BETWEEN REVELLE COLLEGE DR AND LA JOLLA SHORE DR	N/A	51MPH	55MPH	45MPH	4-LANE MAJOR STREET	CLASS II(CP)	

NOTE- ADVANCE LOOP PLACEMENT PER THE ROUNDED 85TH PERCENTILE SPEED OR POSTED SPEED, WHICHEVER IS GREATER OR AS SHOWN ON THE PLANS, TO BE NO FURTHER THAN 50' FROM STUB OUT. ALL OTHER TRAFFIC CONTROL DEVICES PER THE STREET CLASSIFICATION DESIGN SPEED IN THE STREET DESIGN MANUAL.



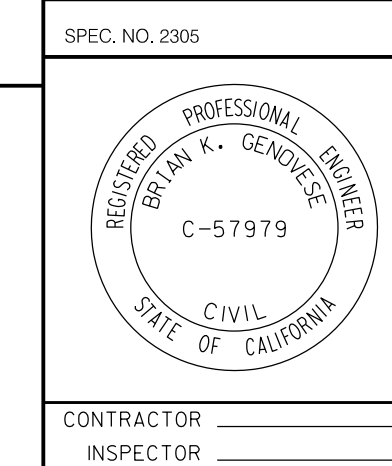
VICINITY MAP

T-1

AC 2402
NORTH TORREY PINES RD
TORREY PINES RD
AND LA JOLLA SHORES DR
COVER SHEET

CITY OF SAN DIEGO, CALIFORNIA
TRANSPORTATION DEPARTMENT
SHEET 1 OF 9 SHEETS

WBS#	B23157			
APPROVED FOR CITY ENGINEER	DATE 4-25-2024			
BRIAN K. GENOVESE DEPUTY CITY ENGINEER	C-57979			
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	AJ		4/23/2024	
PROJECT MANAGER				
MANILYN DEL RIO				
PROJECT ENGINEER				
ALI JASIM				
254-1695				
CCS27 COORDINATE				
6256407-189444				
CCS83 COORDINATE				
0101426-1-D				



CONTRACTOR
INSPECTOR

DATE STARTED
DATE COMPLETED

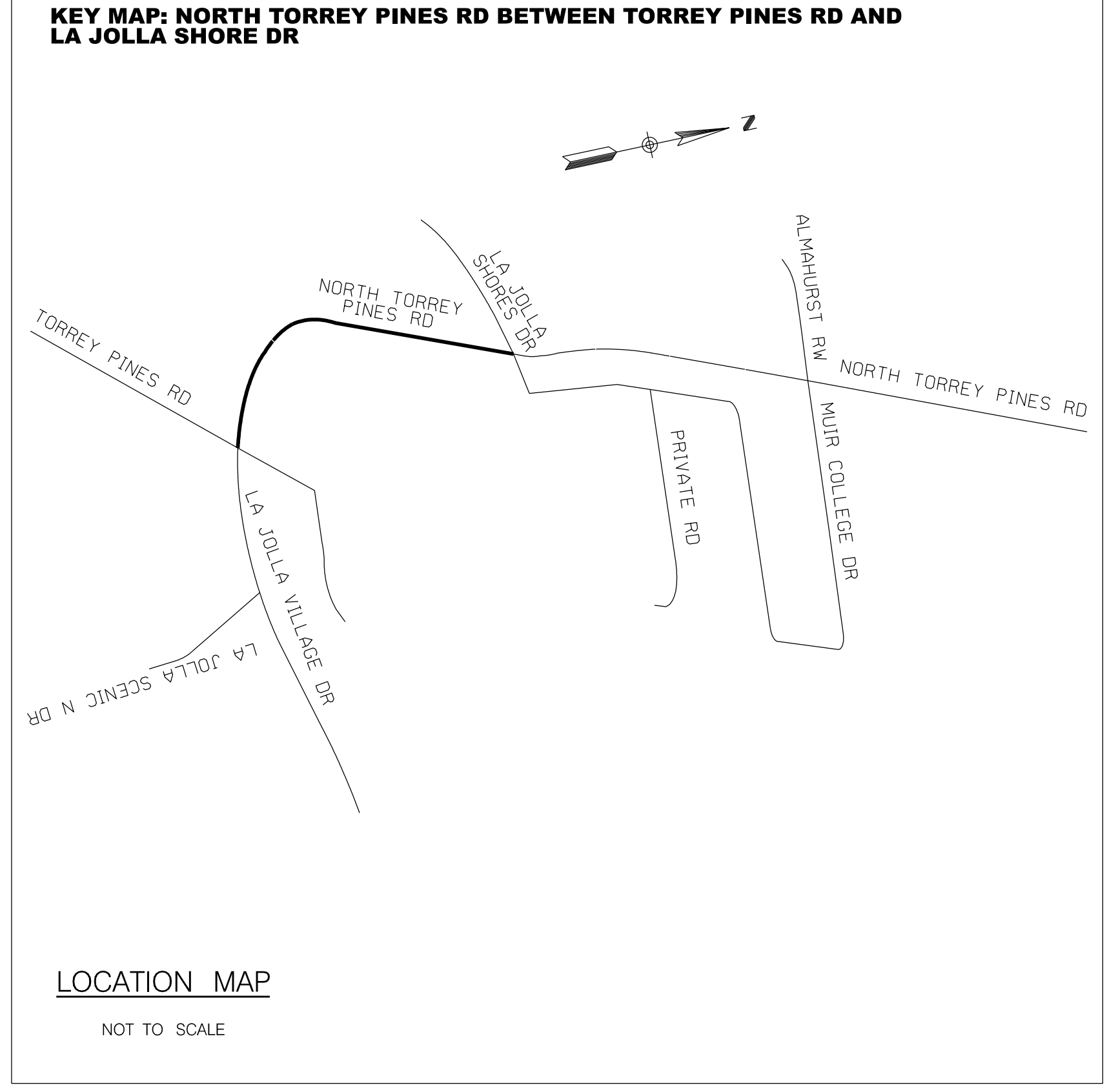
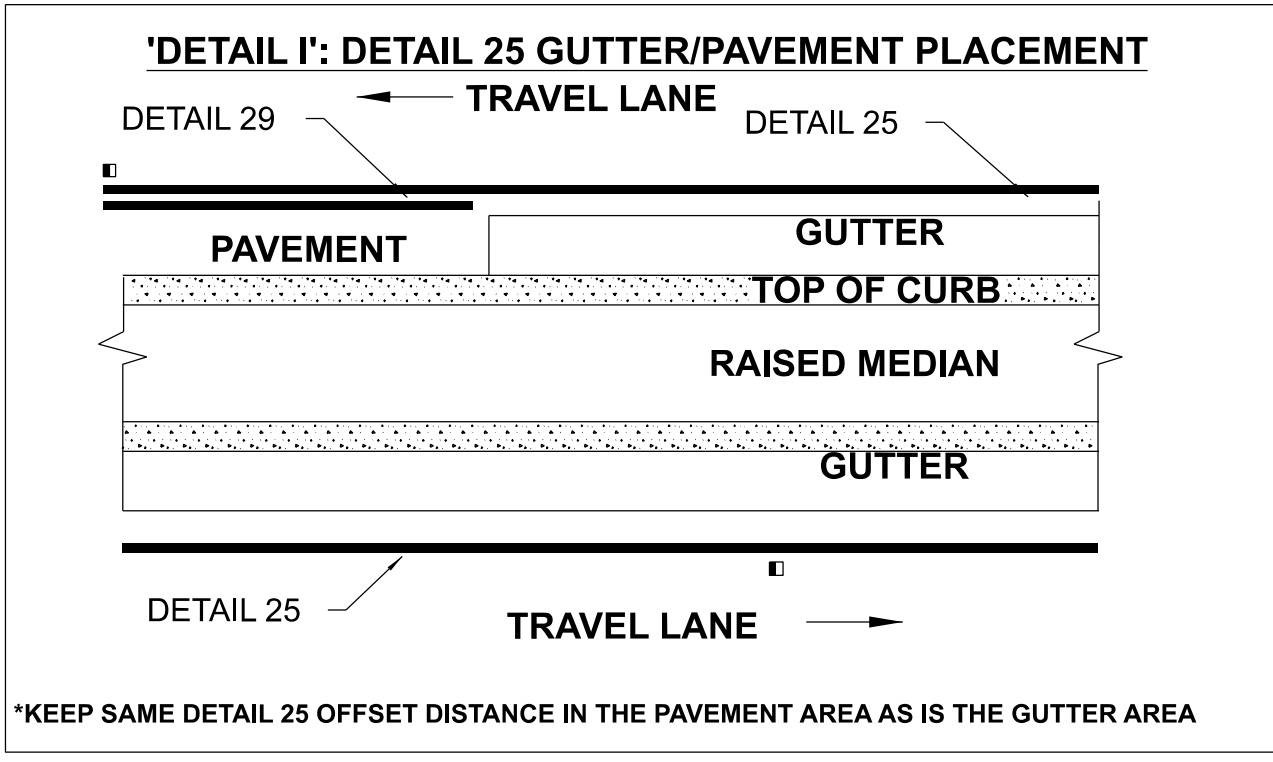
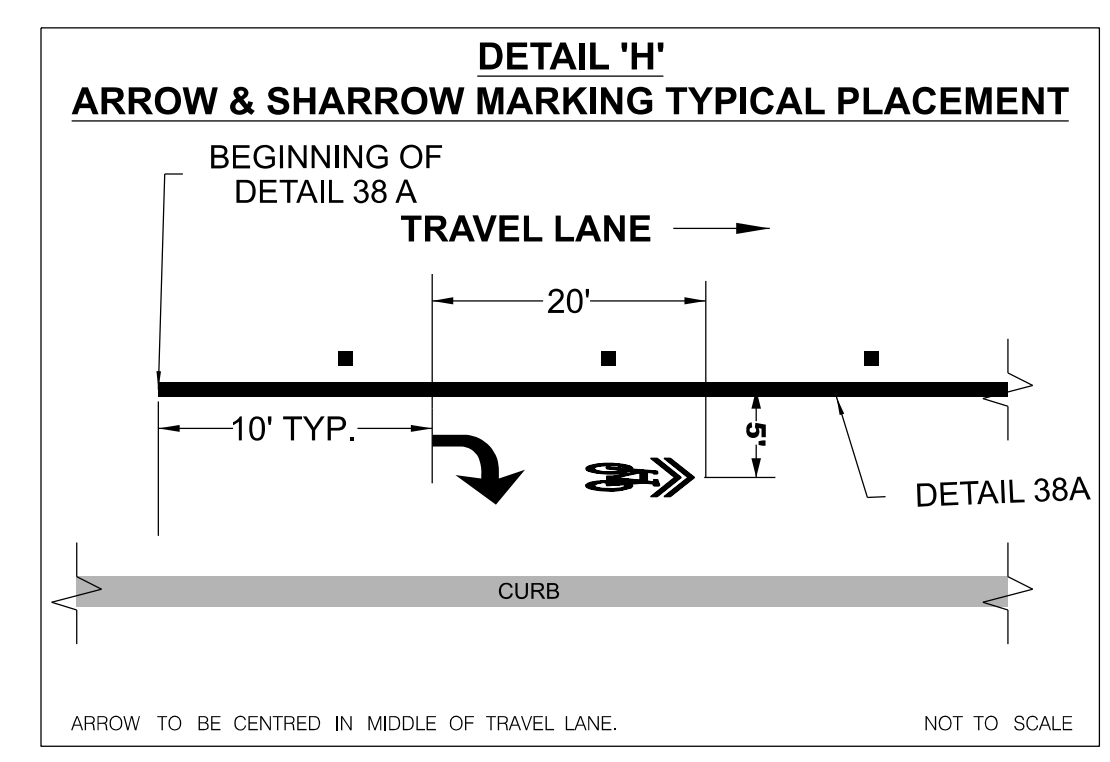
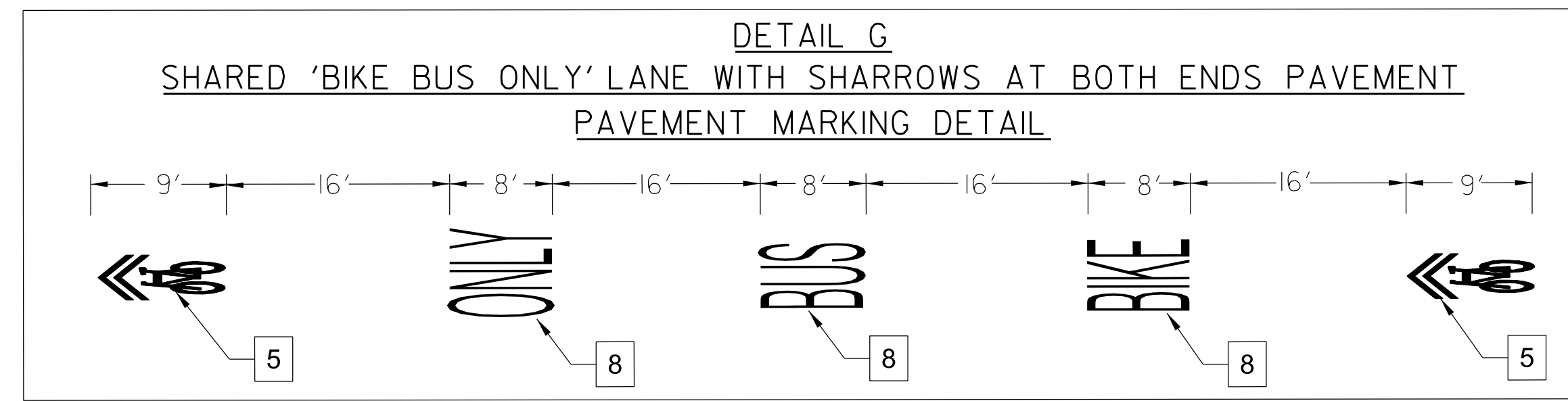
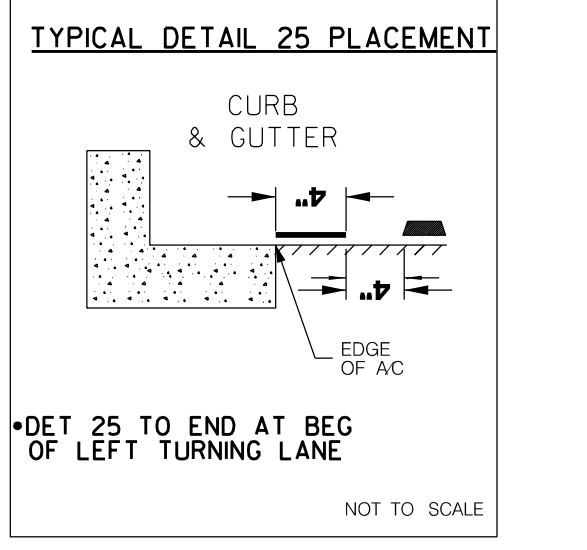
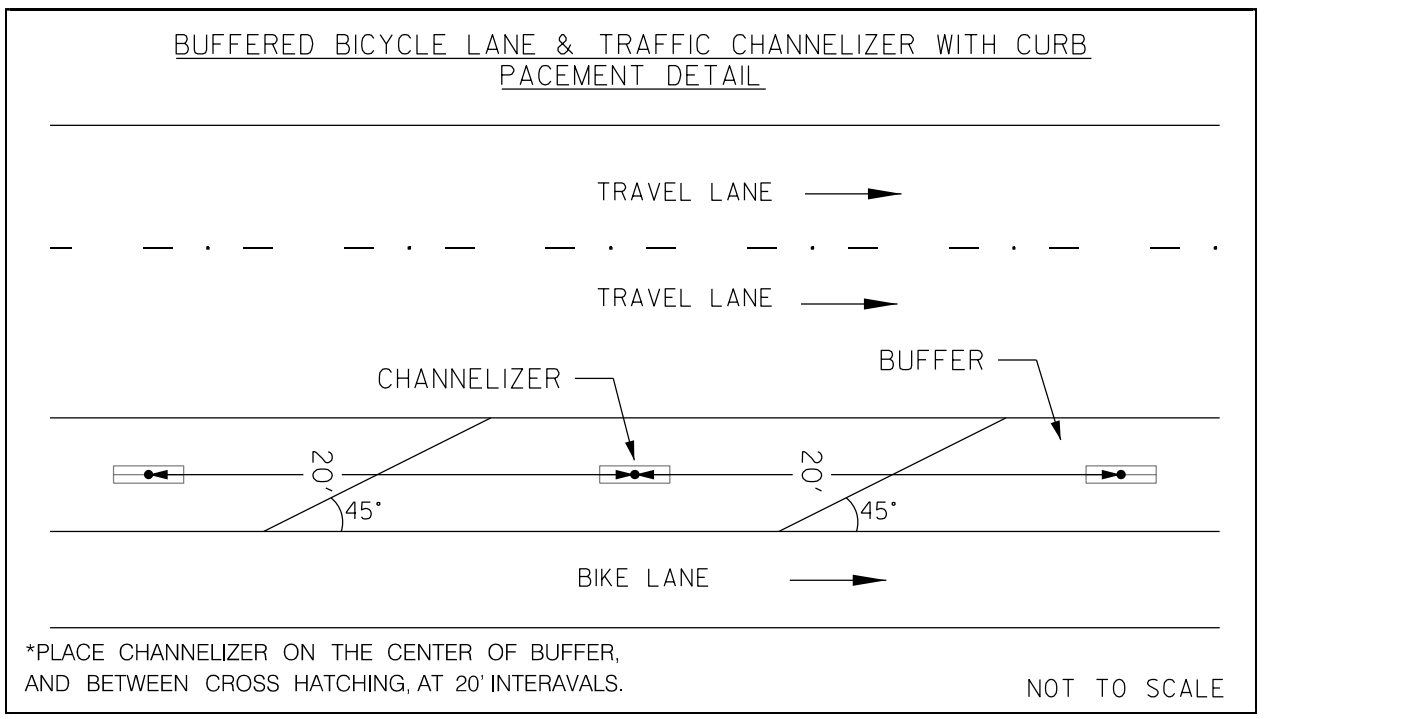
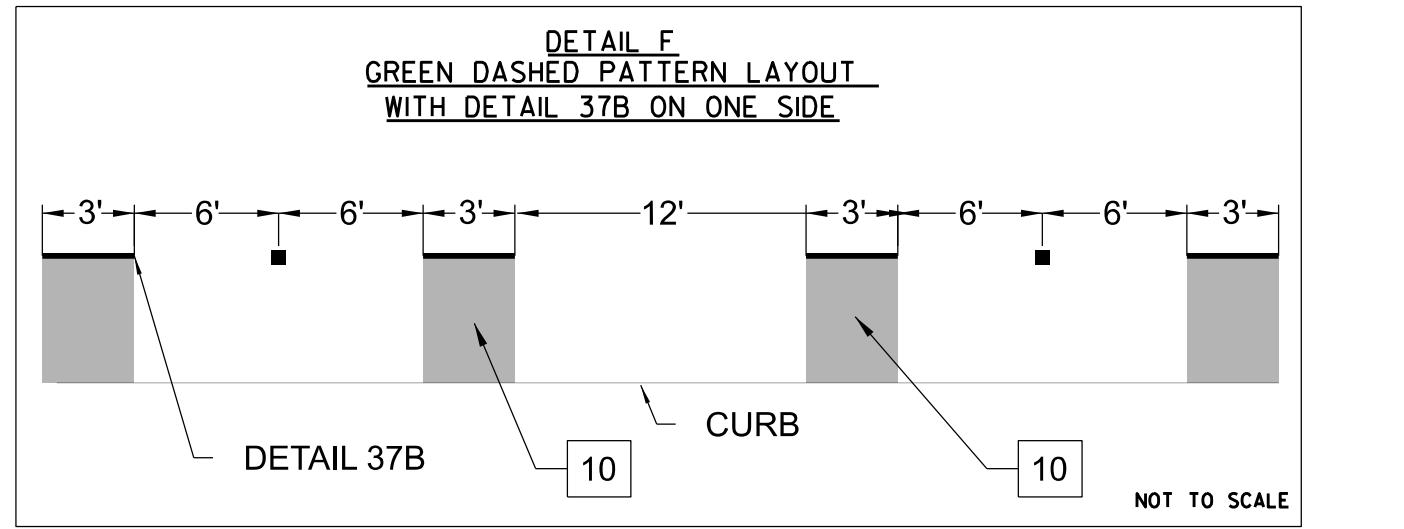
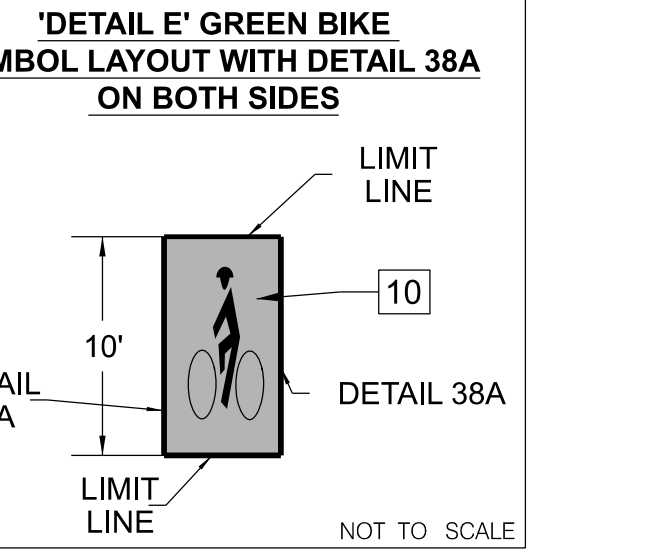
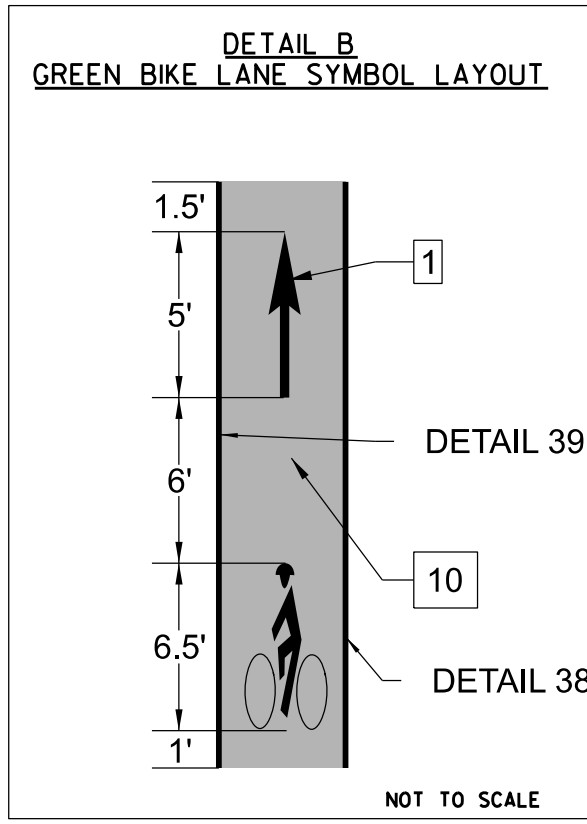
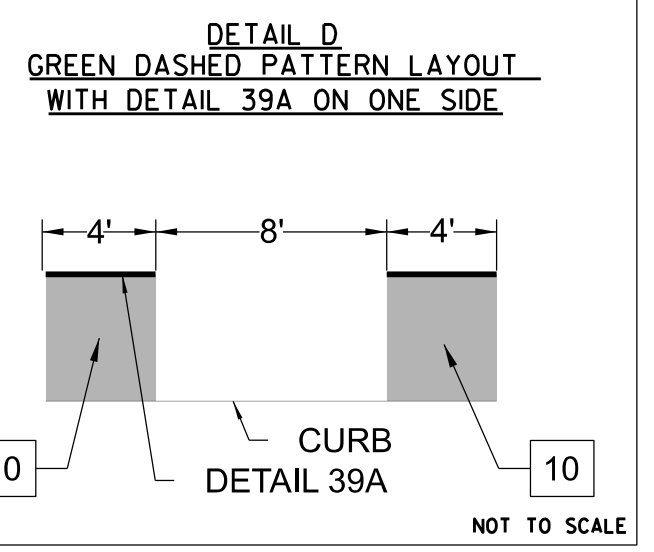
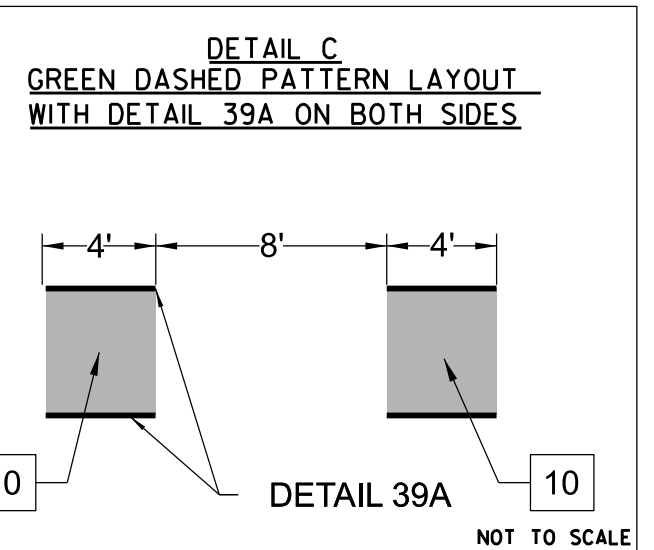
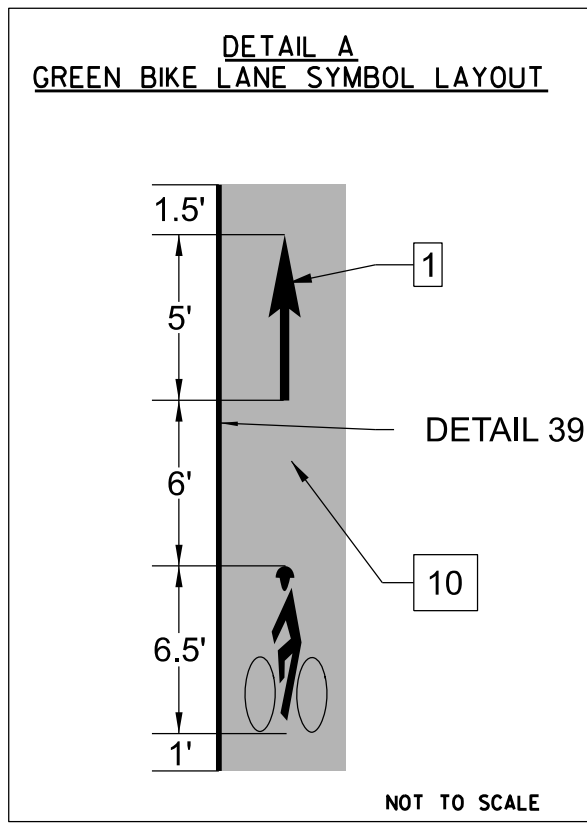
CONSTRUCTION CHANGE / ADDENDUM			
CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.

WARNING
0 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.



TRANSPORTATION DEPARTMENT

LEGENDS AND DETAILS



LEGEND

STRIPING DETAILS PER CA MUTCD FIGURE 3A-10I(CA) THROUGH 3A-113

BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A AND A24C

SHARED ROADWAY BICYCLE MARKING PER CALTRANS STANDARD PLAN A24C

PROPOSED STRIPING/PAVEMENT MARKINGS

EXISTING STRIPING/PAVEMENT MARKINGS

PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A

PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A

PAVEMENT MARKING WORD 'ONLY' PER CALTRANS STANDARD PLAN A24E

PAVEMENT MARKING WORD 'BUS' PER CALTRANS STANDARD PLAN A24E

PAVEMENT MARKING WORD 'BIKE' PER CALTRANS STANDARD PLAN A24E

TYPE E MODIFIED LOOP, PER CITY OF SAN DIEGO STANDARD DRAWING SDE-104.

TYPE E LOOP

TYPE O LOOP

CHANNELIZER WITH CURB

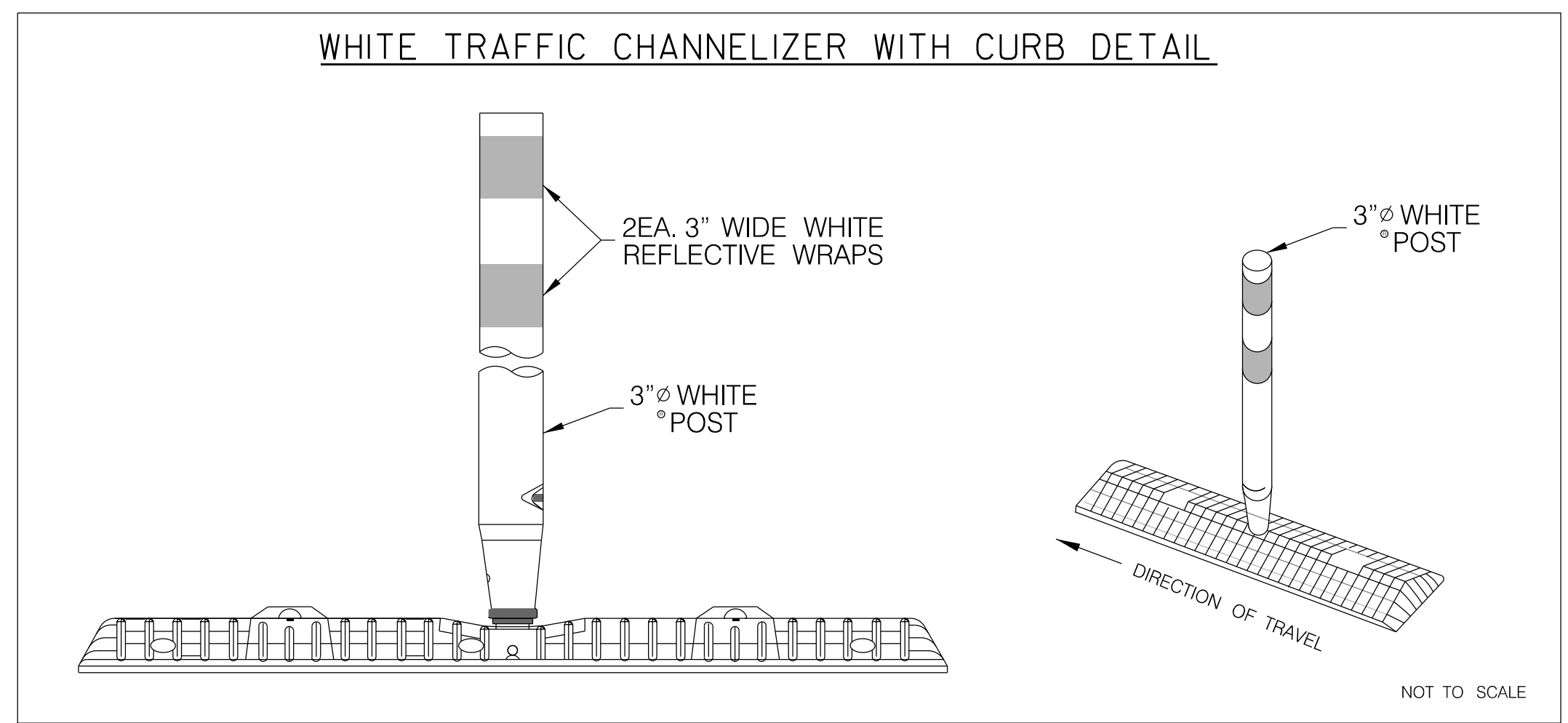
FIRE HYDRANT

EXISTING POLE

NEW POLE

LIGHT POLE

EXISTING TRAFFIC SIGNAL



T-2

AC 2402
NORTH TORREY PINES RD
TORREY PINES RD
AND LA JOLLA SHORES DR
LEGEND AND DETAILS

CITY OF SAN DIEGO, CALIFORNIA
TRANSPORTATION DEPARTMENT
SHEET 2 OF 9 SHEETS

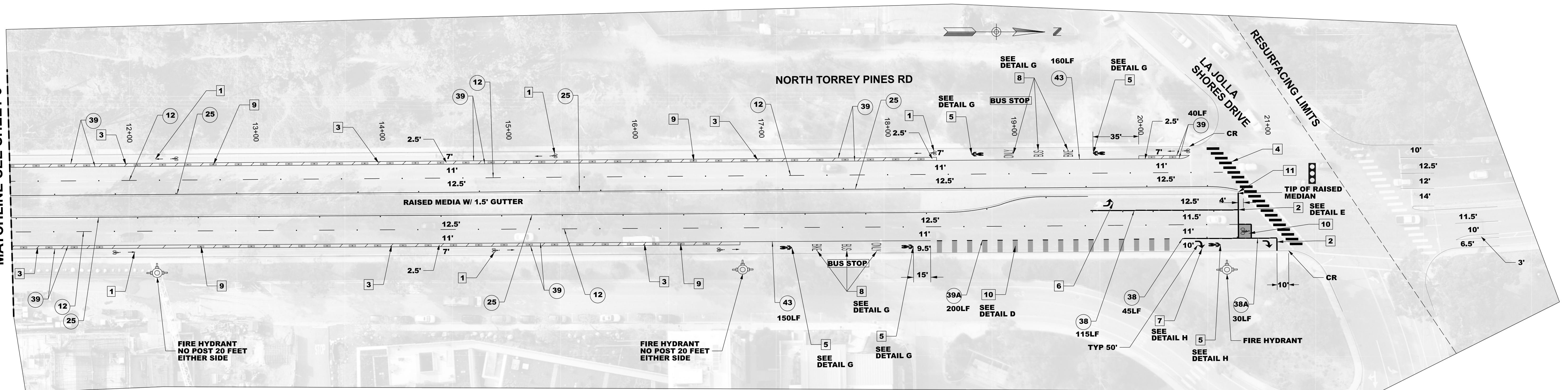
WBS# B23157

APPROVED: *Brian K. Genovese* DATE: 4-25-2024
FOR CITY ENGINEER (BRIAN K. GENOVESE) DEPUTY CITY ENGINEER
PROJECT MANAGER: MANILYN DEL RIO
PROJECT ENGINEER: ALLJASIM

DESCRIPTION: ORIGINAL BY: AJ APPROVED: DATE: 4/23/2024 FILMED: 254-1695
CCS27 COORDINATE: 6256407-1894444
CCS83 COORDINATE: 0101426-2-D

CONTRACTOR: _____ DATE STARTED: _____
INSPECTOR: _____ DATE COMPLETED: _____

MATCHLINE-SEE SHEET 3

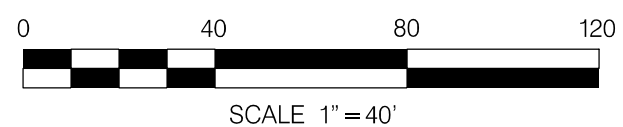


STRIPING CONSTRUCTION NOTES THIS SHEET:

- 1 INSTALL BIKE LANE ARROW AND BIKE SYMBOL WITH PERSON, PER CALTRANS STANDARD PLAN A24A AND A24C, 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 PAVEMENT MARKING LIMIT LINE (STOP LINE) PER CALTRANS STANDARD PLAN A24G.
- 3 INSTALL 6" WHITE DIAGONAL CROSS HATCHING THERMOPLASTIC 125 MIL. STRIPE, ANGLED AT 45 DEGREES AND AT 20' INTERVALS. SEE BUFFERED BICYCLE LANE DETAIL.
- 4 INSTALL WHITE CONTINENTAL CROSSWALK MARKINGS, PER CITY OF SAN DIEGO STANDARD DRAWING NUMBER 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.
- 5 INSTALL SHARED ROADWAY BICYCLE MARKING, PER CALTRANS STANDARD PLAN A24C. SHARED ROADWAY BICYCLE MARKING SHALL BE POSITIONED IN CENTER OF TRAVEL LANE, OR AS SHOWN PER PLAN.
- 6 INSTALL PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A, IN CENTER OF TRAVEL LANE. PLACE PAVEMENT ARROW 10' FROM BEGINNING OF POCKET, OR AS SHOWN ON PLAN.
- 7 INSTALL PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A, IN CENTER OF TRAVEL LANE. PLACE PAVEMENT ARROW 10' FROM BEGINNING OF POCKET, OR AS SHOWN ON PLAN.
- 8 INSTALL PAVEMENT MARKING 'BIKE BUS ONLY' PER CALTRANS STANDARD PLAN A24E. SEE 'DETAIL F'. IF CONCRETE PAVEMENT PRESENT, SEE GENERAL NOTE 7 FOR INSTALLATION.
- 9 INSTALL WHITE TRAFFIC CHANNELIZER WITH A CURB OR APPROVED EQUAL, 28" IN HEIGHT, 3" DIAMETER POST, WHITE, WITH TWO (2) WHITE RETROREFLECTIVE BANDS, AT 20' INTERVALS, OR SHOWN ON PLAN. CHANNELIZER WITH CURB SHALL NOT BE PLACED TO INTERFERE WITH BUS STOP OPERATIONS.
- 10 INSTALL SKID/SLIP RESISTANT BIKE LANE GREEN PREFORMED THERMOPLASTIC PAVEMENT MATERIAL IN ACCORDANCE WITH FHWA IA-14. GREEN THERMOPLASTIC SHOULD NOT BE PLACED IN GUTTER PAN WHERE PRESENT. SEE 'DETAIL A' GREEN BIKE LANE SYMBOL LAYOUT, OR 'DETAIL B' GREEN BIKE LANE SYMBOL WITH DETAIL 39 ON ONE SIDE AND DETAIL 38A ON THE OTHER SIDE, OR 'DETAIL C' GREEN DASHED PATTERN WITH DETAIL 39A ON BOTH SIDES, OR 'DETAIL D' GREEN PATTERN WITH DETAIL 39A ON ONE SIDE, OR 'DETAIL E' GREEN BIKE SYMBOL LAYOUT WITH DETAIL 38A ON BOTH SIDES.
- 11 ALL MEDIAN NOSES SHALL BE PAINTED YELLOW AS DIRECTED

LEGEND

STRIPING DETAILS PER CA MUTCD FIGURE 3A-101(CA) THROUGH 3A-113	XXX	PAVEMENT ARROW TYPE IV (L) PER CALTRANS STANDARD PLAN A24A	EXISTING TRAFFIC SIGNAL
BIKE LANE SYMBOL WITH HELMETED PERSON AND ARROW PER CALTRANS STANDARD PLAN A24A AND A24C		PAVEMENT ARROW TYPE IV (R) PER CALTRANS STANDARD PLAN A24A	CHANNELIZER WITH CURB
SHARED ROADWAY BICYCLE MARKING PER CALTRANS STANDARD PLAN A24C		PAVEMENT MARKING WORD 'ONLY' PER CALTRANS STANDARD PLAN A24E	FIRE HYDRANT
PROPOSED STRIPING/PAVEMENT MARKINGS		PAVEMENT MARKING WORD 'BUS' PER CALTRANS STANDARD PLAN A24E	
EXISTING STRIPING/PAVEMENT MARKINGS		PAVEMENT MARKING WORD 'BIKE' PER CALTRANS STANDARD PLAN A24E	





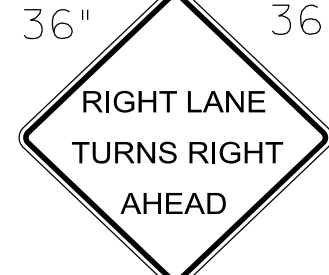
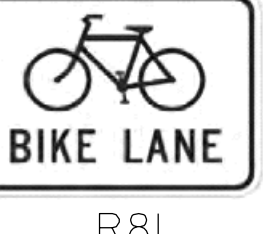

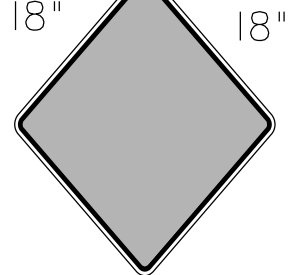

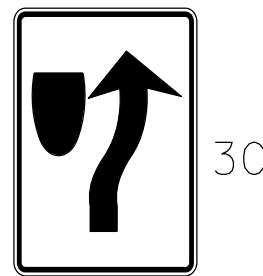


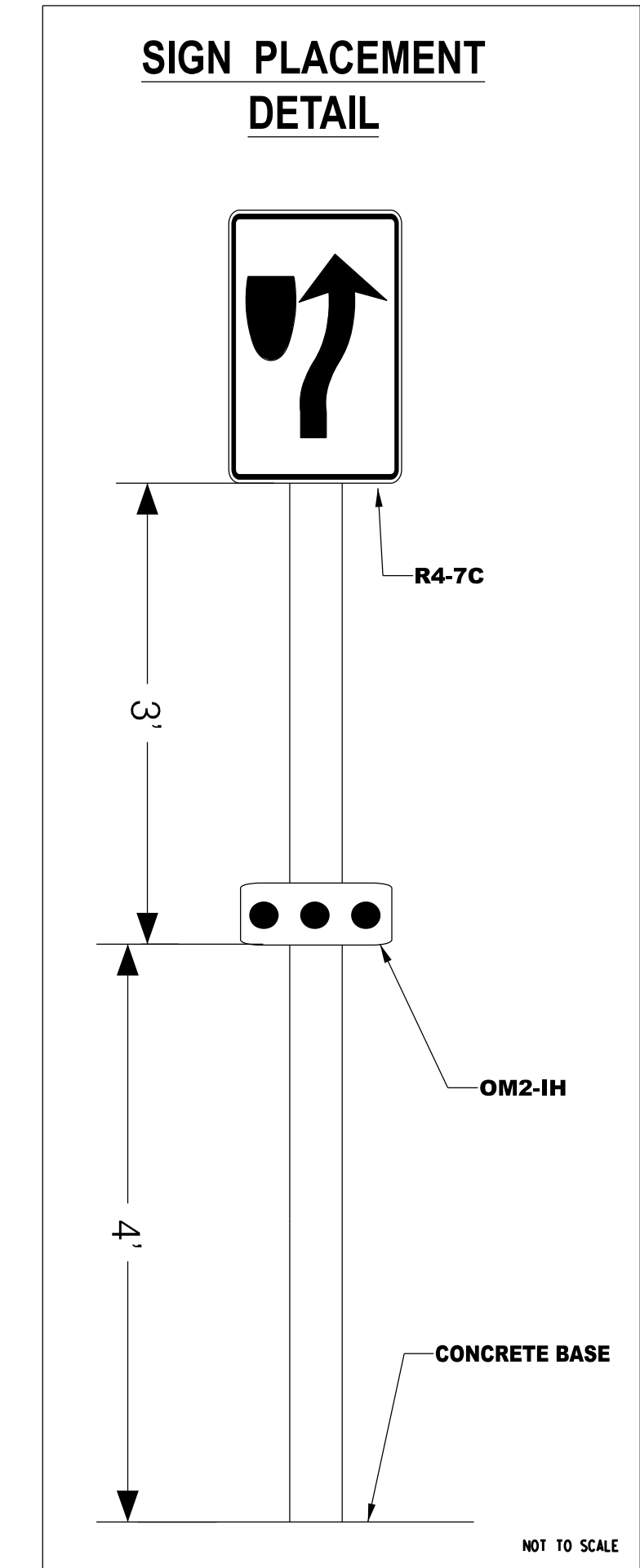
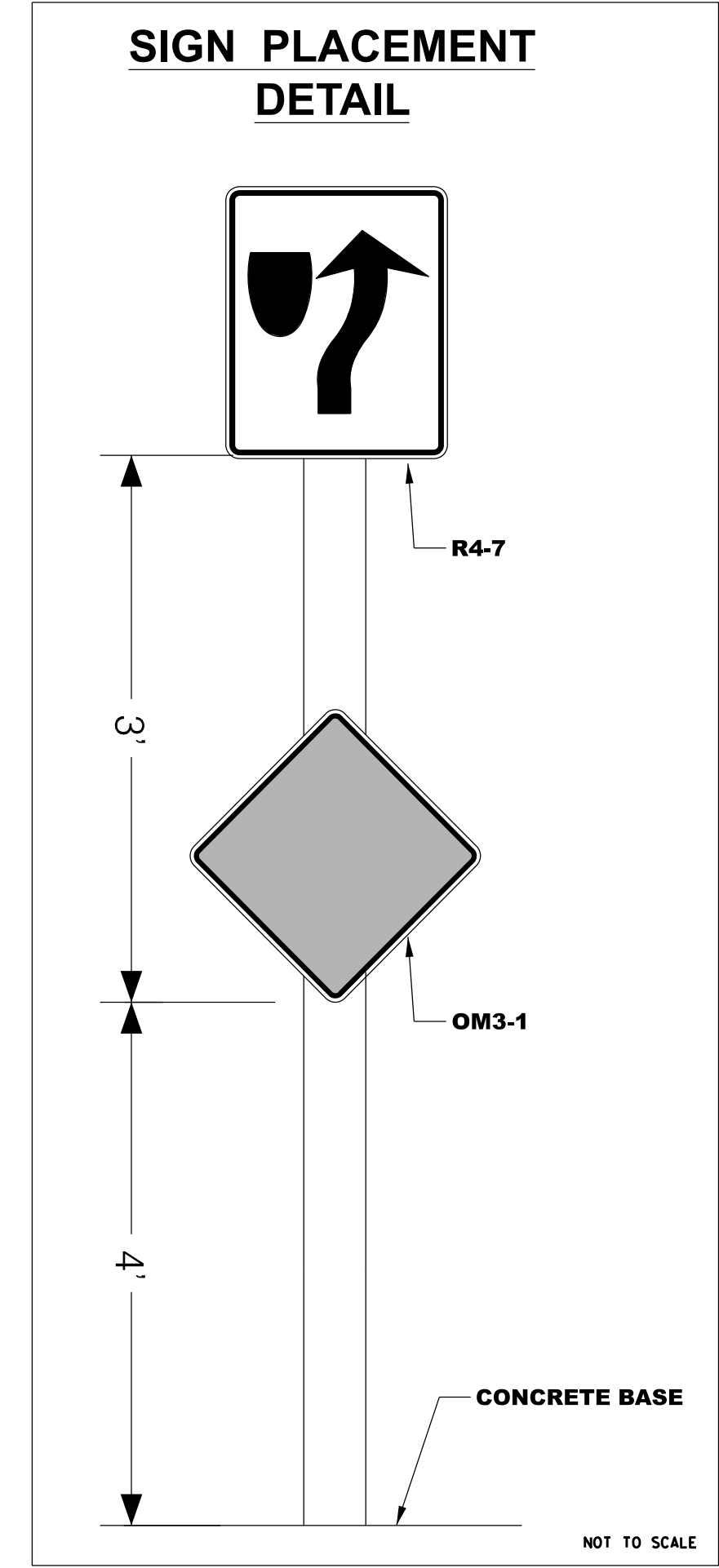
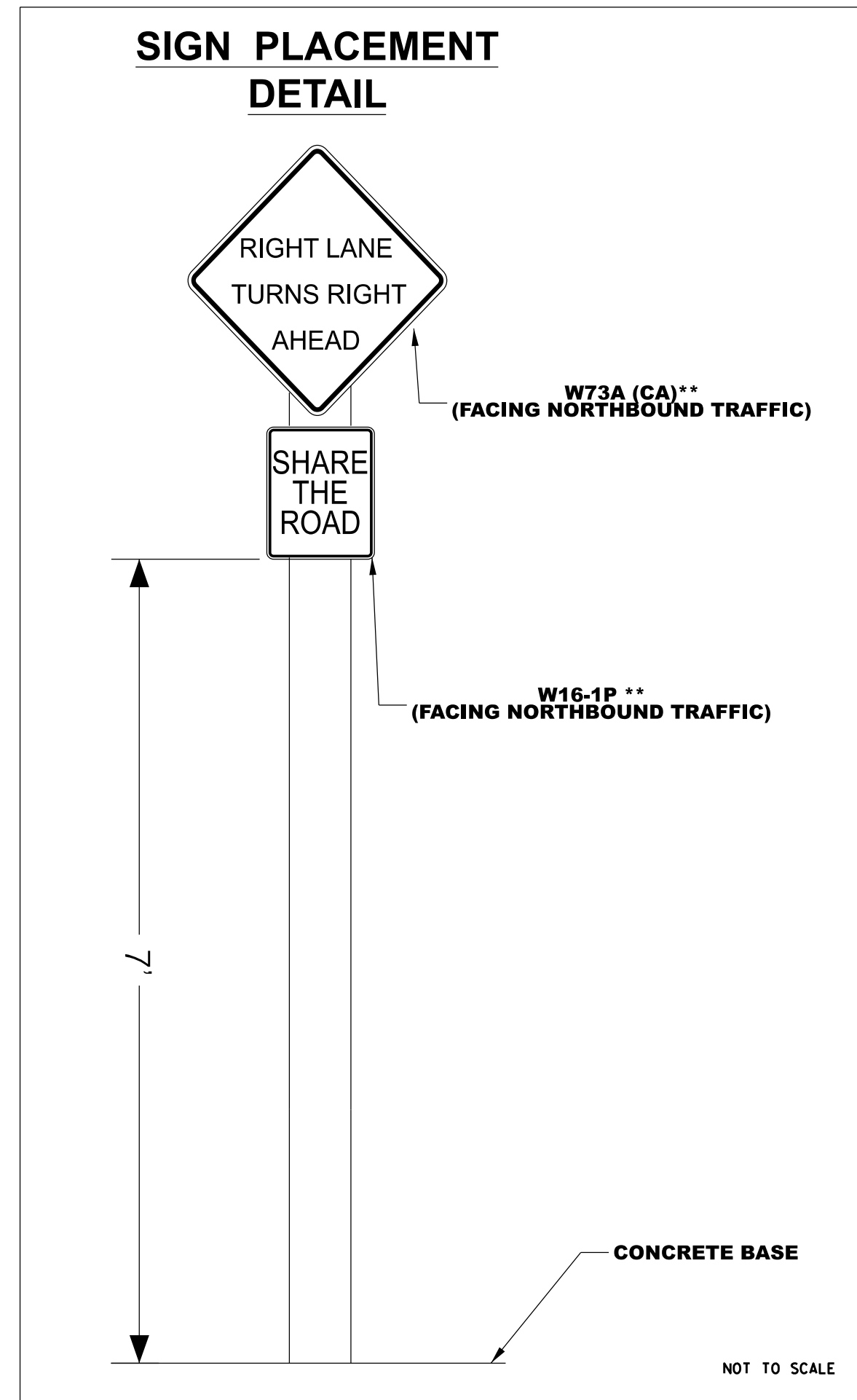
T-4

AC 2402
NORTH TORREY PINES RD
BETWEEN STA 11+10
TO STA 21+00
STRIPING PLAN

CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION DEPARTMENT SHEET 4 OF 9 SHEETS		WBS# B23157																				
APPROVED: FOR CITY ENGINEER BRIAN K. GENOVESE DEPUTY CITY ENGINEER	DATE: 4-25-2024 PROJECT NO: C-57979 PROJECT:	SUBMITTED BY: MANILYN DEL RIO PROJECT MANAGER CHECKED BY: ALL JASIM PROJECT ENGINEER																				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>DESCRIPTION</th> <th>BY</th> <th>APPROVED</th> <th>DATE</th> <th>FILMED</th> </tr> </thead> <tbody> <tr> <td>ORIGINAL</td> <td>AJ</td> <td></td> <td>4/22/2024</td> <td></td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	DESCRIPTION	BY	APPROVED	DATE	FILMED	ORIGINAL	AJ		4/22/2024												254-1695 CCS27 COORDINATE 6256407-1894444 CCS83 COORDINATE
DESCRIPTION	BY	APPROVED	DATE	FILMED																		
ORIGINAL	AJ		4/22/2024																			
CONTRACTOR: _____ DATE STARTED: _____ INSPECTOR: _____ DATE COMPLETED: _____		0101426-4-D																				

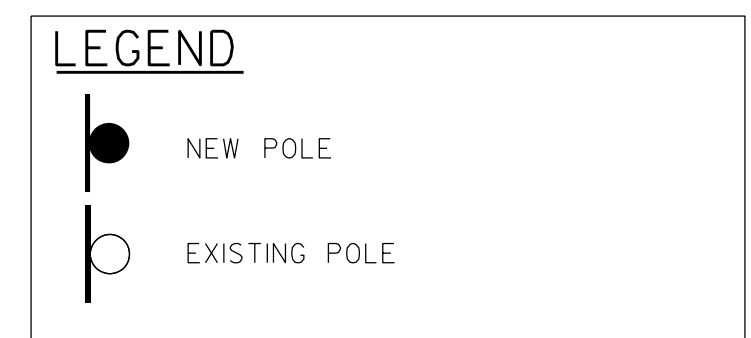
SIGN AND POST DATA TABLE

SIGN	TREATMENT	SHEET	
		T-6	T-7
12"  18" R7-9A	REMOVE	1	
	INSTALL	1	1
	NEW POLE*	1	1
30"  30" R3-7 (R)	REMOVE	1	
	INSTALL	2	
	NEW POLE**	2	
36"  30" R4-4	INSTALL	1	1
	NEW POLE**	1	1
18"  24" W16-1P	INSTALL	1	
	NEW POLE**		
36"  36" W73A (CA)	INSTALL	1	
	NEW POLE**	1	
12"  8" R81 (CA)	REMOVE		1
24"  30" R4-7	INSTALL	1	
	NEW POLE**	2	
18"  18" OM1-3**	INSTALL	2	
12"  6" OM2-IH	INSTALL		1
18"  30" R4-7C	INSTALL		1
	NEW POLE**		1



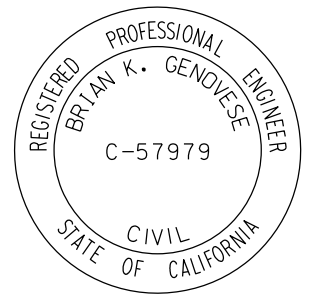
POLE TYPE NOTES:

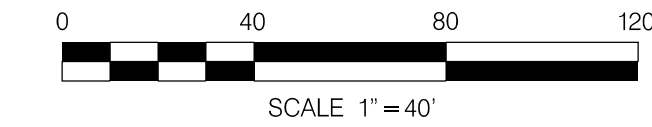
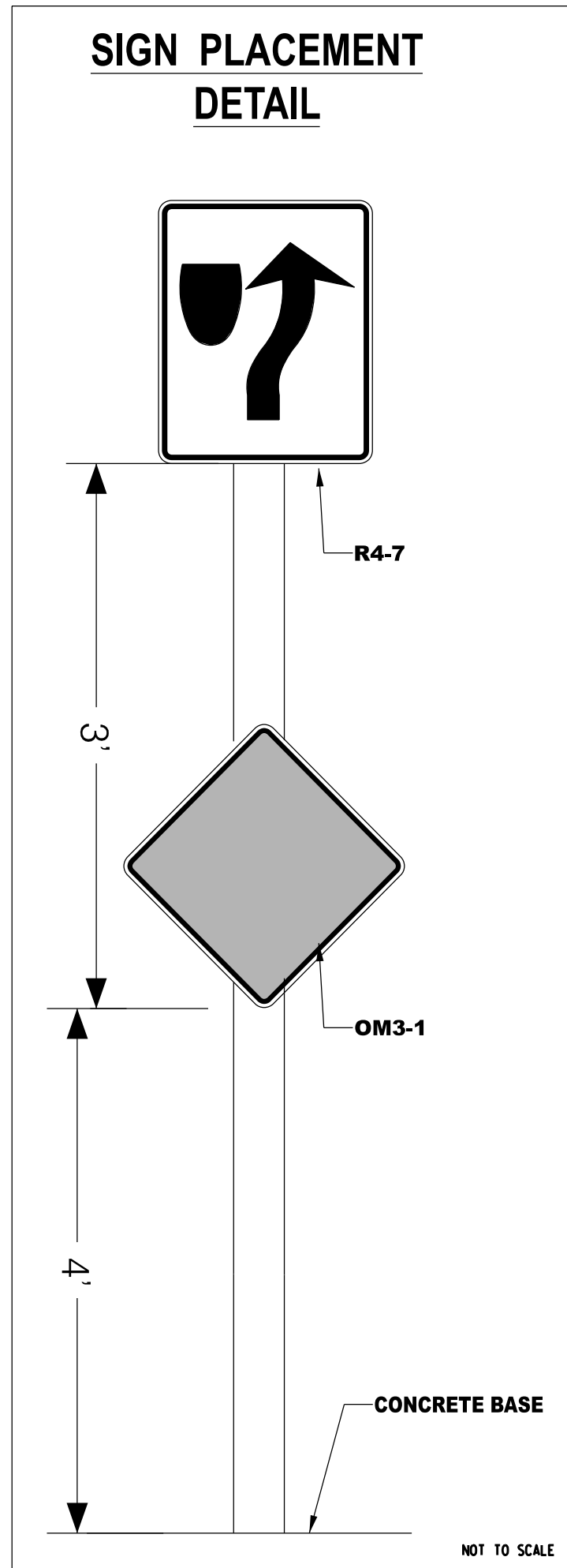
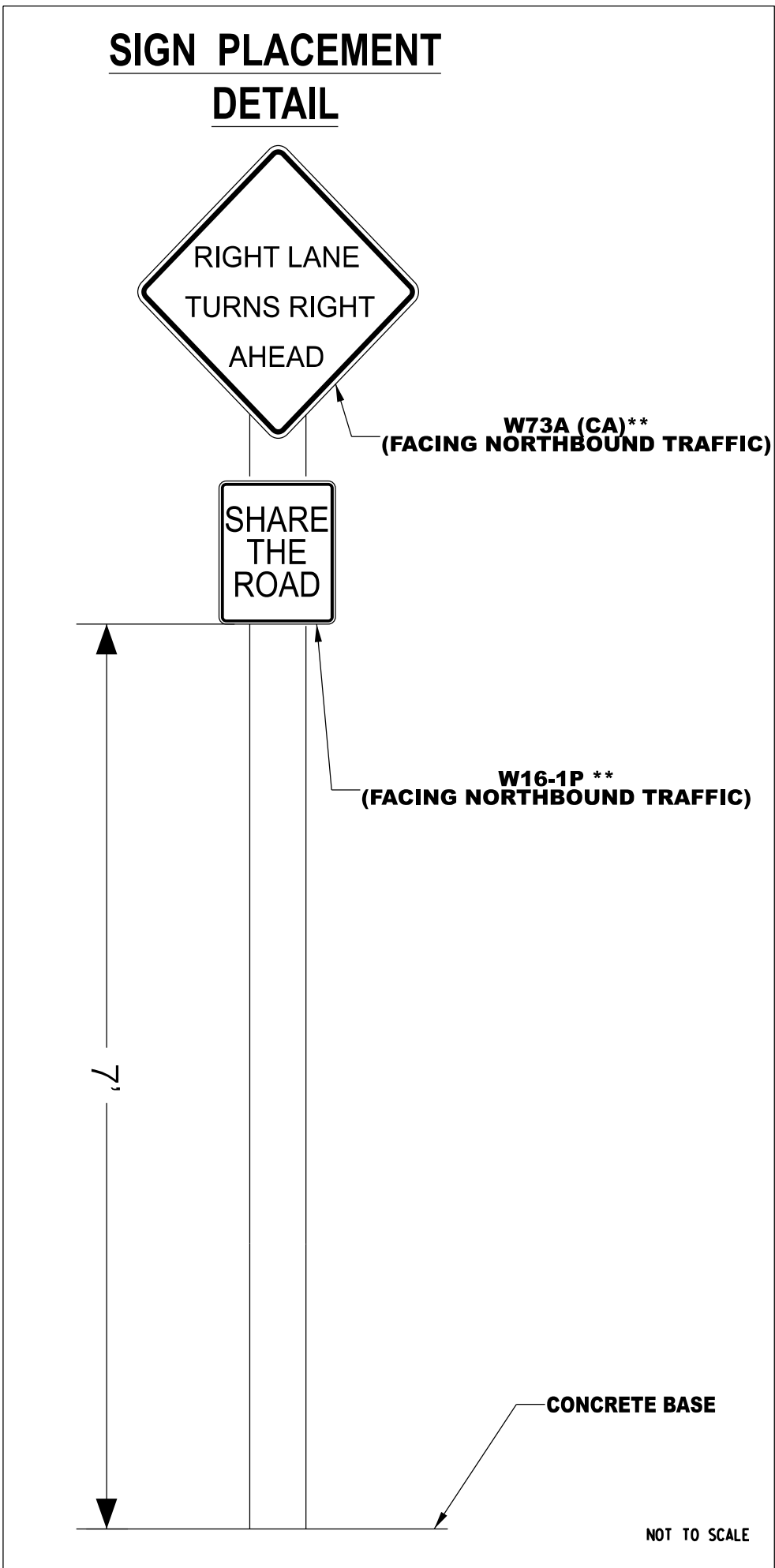
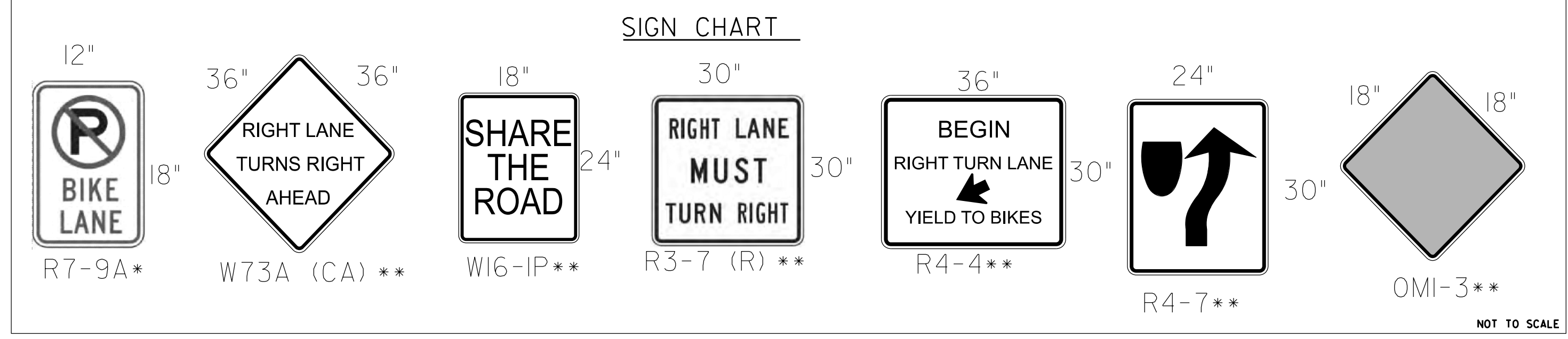
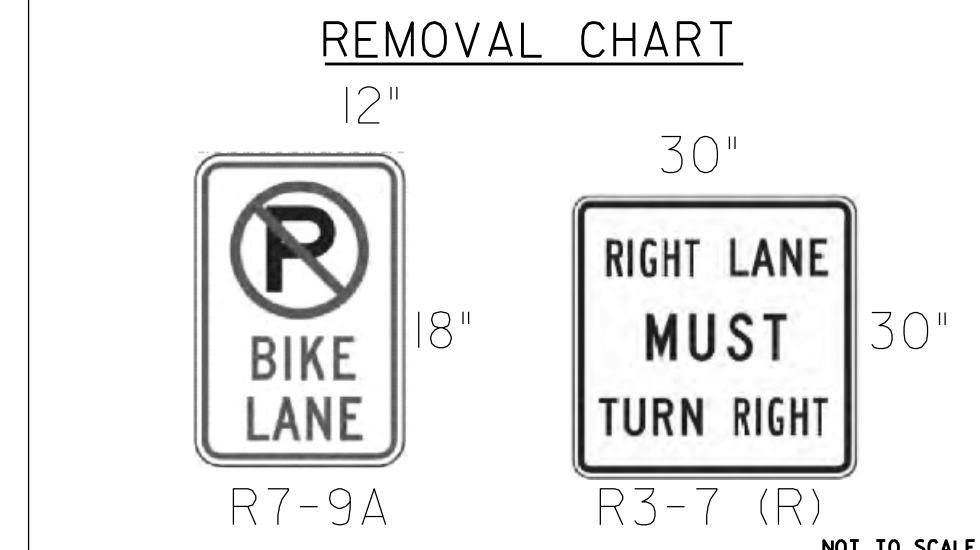
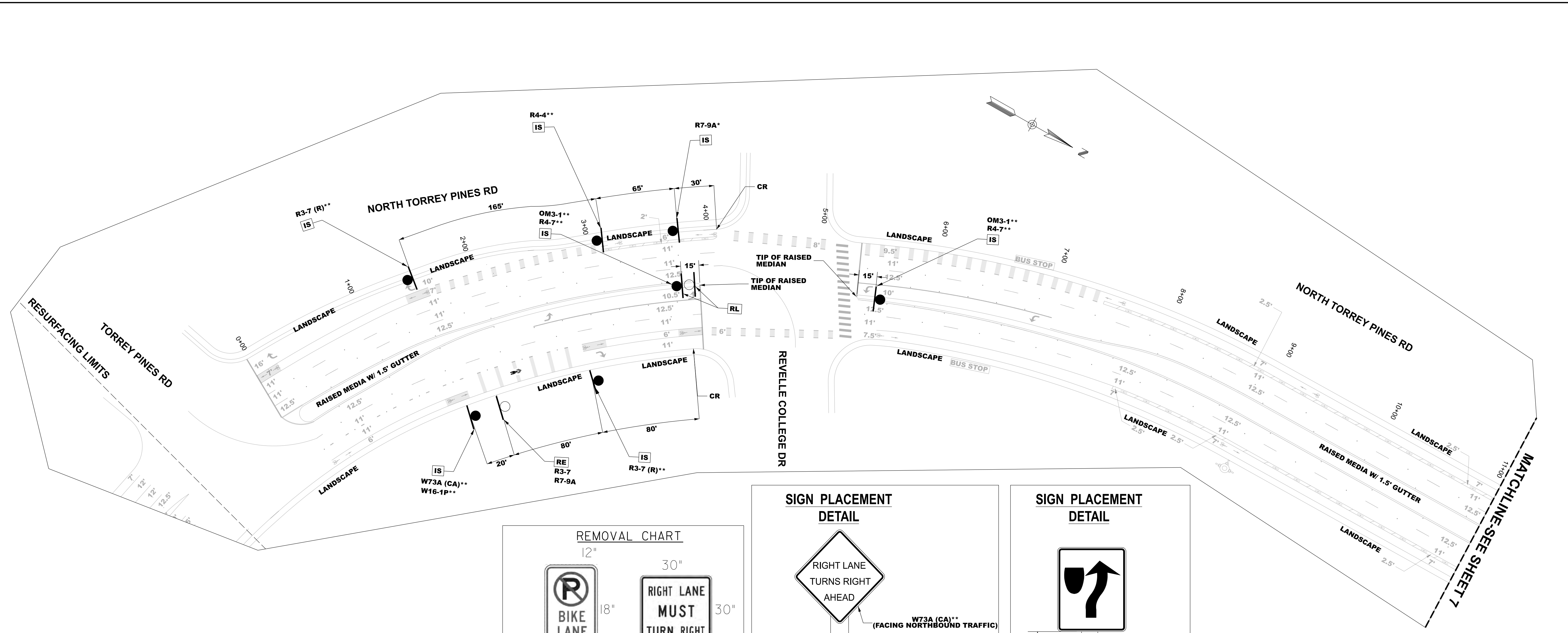
- *INSTALL PERFORATED SQUARE STEEL TUBING (PSST) SIGN POST PER CITY OF SAN DIEGO STANDARD DRAWING SDM-104
- ** INSTALL 2 1/2" X 2 1/2" BY 10 GA PERFORATED SQUARE STEEL TUBE (PSST) SIGN POST PER 2023 CALTRANS STANDARD PLAN RS5 & RS6. MAINTAIN 7' CLEARANCE FROM GROUND TO BOTTOM OF SIGN.



T-5

AC 2402
NORTH TORREY PINES RD
TORREY PINES RD
AND LA JOLLA SHORES DR
SIGN AND POST DATA TABLE

CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION DEPARTMENT SHEET 5 OF 9 SHEETS		WBS# B23157
APPROVED: FOR CITY ENGINEER BRIAN K. GENOVESE DEPUTY CITY ENGINEER	DATE 4-25-2024 C-57979 RCE#	SUBMITTED BY: MANILYN DEL RIO PROJECT MANAGER
	DESCRIPTION	PROJECT ENGINEER
	BY: AJ	DATE: 4/22/2024
CONTRACTOR	DATE STARTED	254-1695
INSPECTOR	DATE COMPLETED	CCS27 COORDINATE
		6256407-1894444
		CCS83 COORDINATE
		0101426-5-D



SIGNAGE CONSTRUCTION NOTES THIS SHEET:

- IS** INSTALL NEW SIGN ON NEW POLE
- RL** REMOVE EXISTING POLE AND REINSTALL EXISTING SIGN ON NEW POLE
- RE** REMOVE EXISTING SIGN AND EXISTING POLE

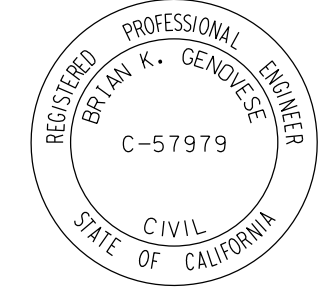
POLE TYPE NOTES:

- *INSTALL PERFORATED SQUARE STEEL TUBING (PSST) SIGN POST PER CITY OF SAN DIEGO STANDARD DRAWING SDM-104
- ** INSTALL 2 1/2" X 2 1/2" BY 10 GA PERFORATED SQUARE STEEL TUBE (PSST) SIGN POST PER 2023 CALTRANS STANDARD PLAN RS5 & RS6. MAINTAIN 7' CLEARANCE FROM GROUND TO BOTTOM OF SIGN.

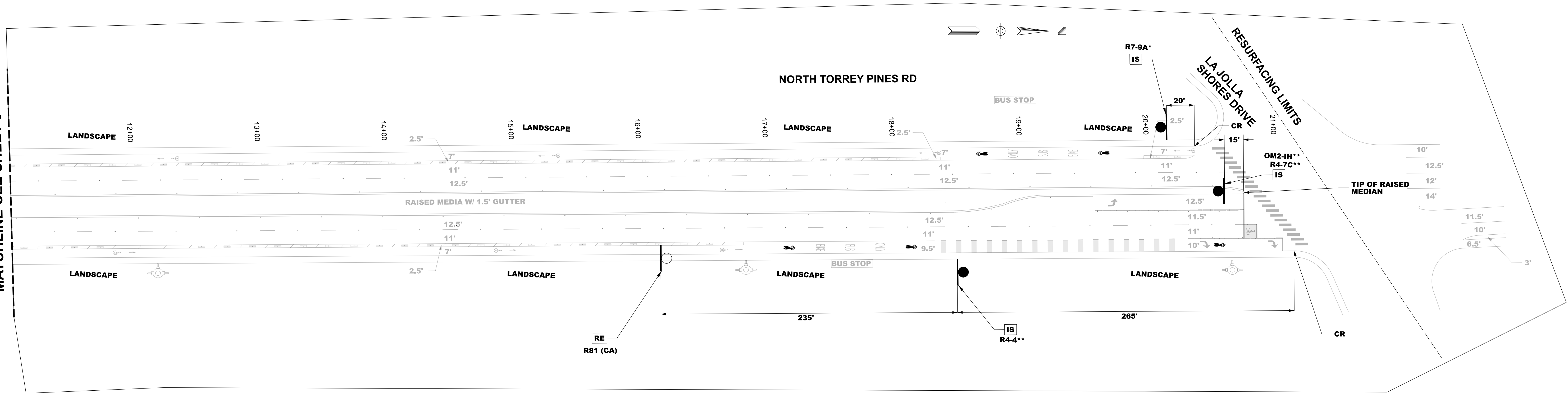


T-6

AC 2402
NORTH TORREY PINES RD
BETWEEN STA 0+00
TO STA 11+00
SIGNAGE PLAN

CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION DEPARTMENT SHEET 6 OF 9 SHEETS		WBS# B23157
	APPROVED: <i>Brian K. Genovese</i> FOR CITY ENGINEER BRIAN K. GENOVESE DEPUTY CITY ENGINEER DATE: 4-25-2024 PROJECT: C-57979 RCE#	SUBMITTED BY: MANILYN DEL RIO PROJECT MANAGER CHECKED BY: ALL JASIM PROJECT ENGINEER 254-1695 CCS27 COORDINATE 6256407-1894444 CCS83 COORDINATE
CONTRACTOR INSPECTOR	DATE STARTED DATE COMPLETED	0101426-6-D

MATCHLINE-SEE SHEET 6

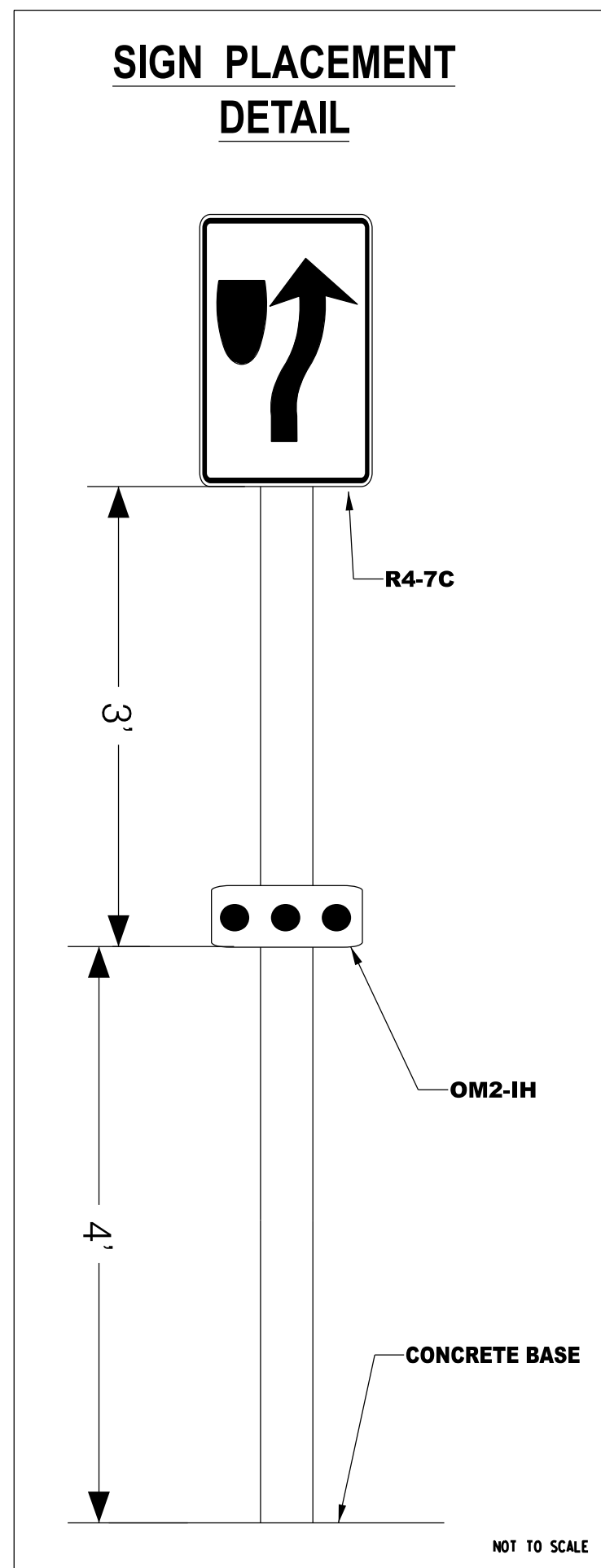
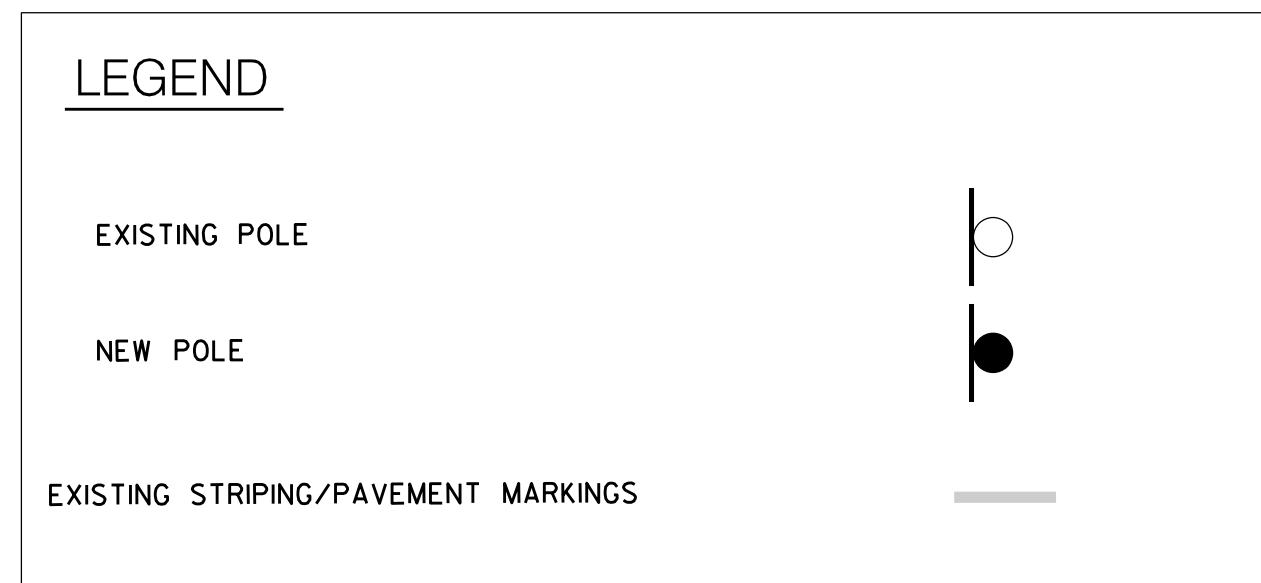
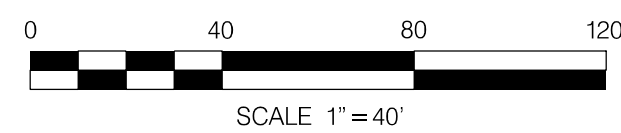


POLE TYPE NOTES:

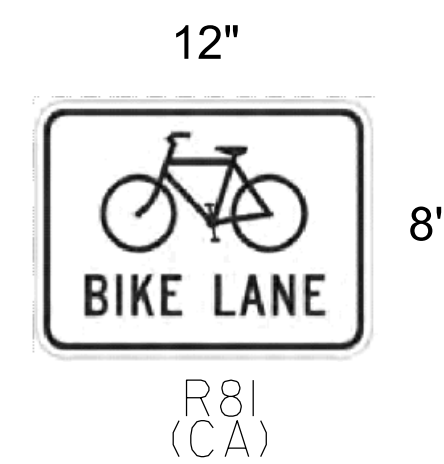
- INSTALL PERFORATED SQUARE STEEL TUBING (PSST) SIGN POST PER CITY OF SAN DIEGO STANDARD DRAWING SDM-104
- INSTALL 2 1/2" X 2 1/2" BY 10 GA PERFORATED SQUARE STEEL TUBE (PSST) SIGN POST PER 2023 CALTRANS STANDARD PLAN RS5 & RS6. MAINTAIN 7' CLEARANCE FROM GROUND TO BOTTOM OF SIGN.

SIGNAGE CONSTRUCTION NOTES THIS SHEET:

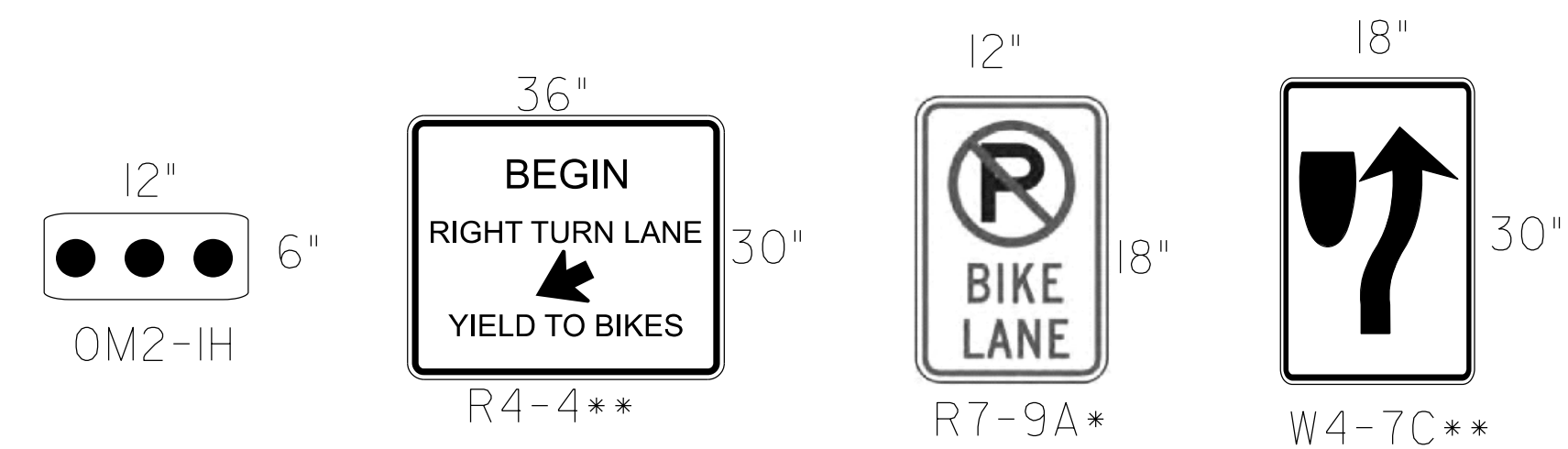
- IS** INSTALL NEW SIGN
- RE** REMOVE EXISTING SIGN AND EXISTING POLE



REMOVAL CHART



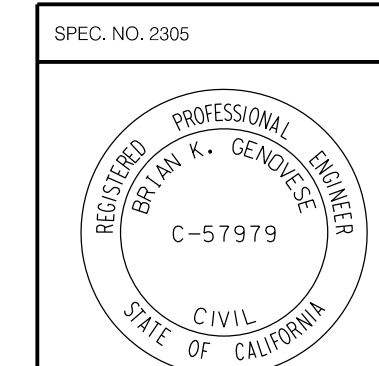
SIGN CHART



T-7

AC 2402
NORTH TORREY PINES RD
BETWEEN STA 11+10
TO STA 21+00
SIGNAGE PLAN

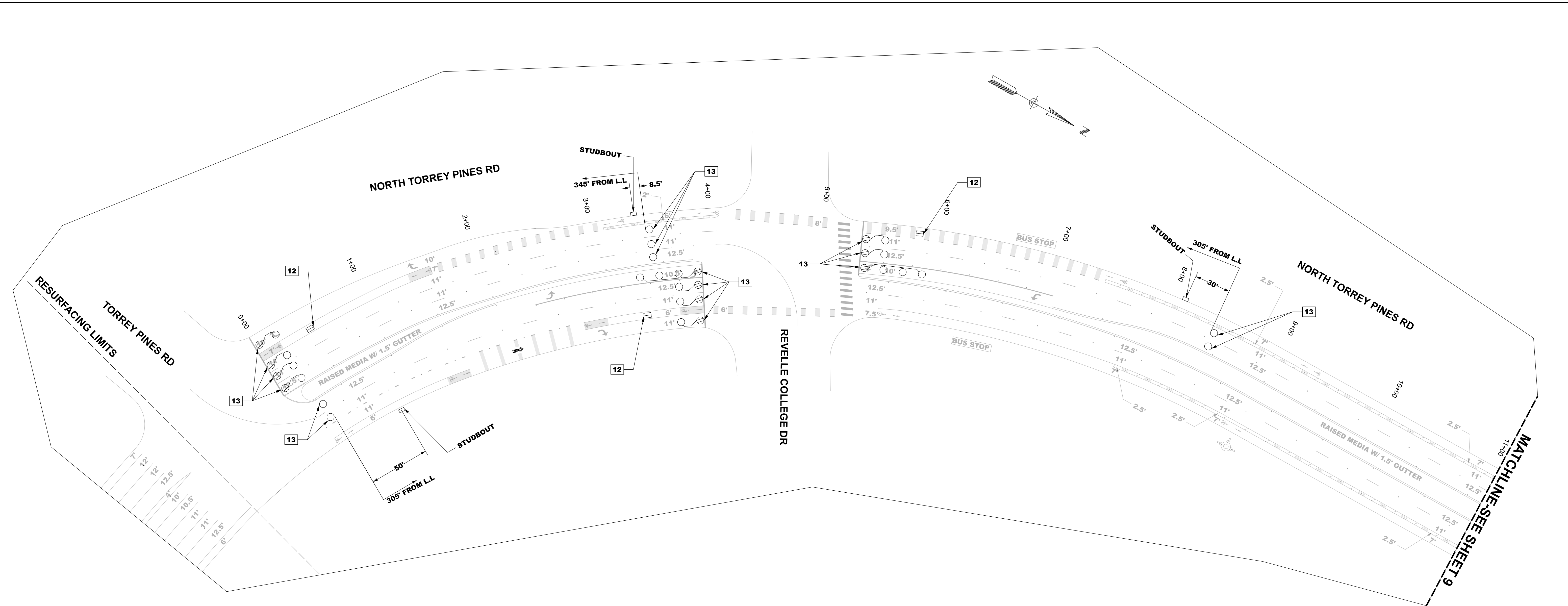
CITY OF SAN DIEGO, CALIFORNIA
TRANSPORTATION DEPARTMENT
SHEET 7 OF 9 SHEETS



APPROVED: <i>Bryan K. Genovese</i> FOR CITY ENGINEER BRYAN K. GENOVESE DEPUTY CITY ENGINEER	DATE: 4-25-2024	PROJECT MANAGER MANILYN DEL RIO
DESCRIPTION	BY	APPROVED
ORIGINAL	AJ	4/22/2024
PROJECT ENGINEER	ALLJASIM	254-1695
CONTRACTOR	DATE STARTED	6256407-1894444
INSPECTOR	DATE COMPLETED	CCS27 COORDINATE
		CCS83 COORDINATE

WBS# B23157

0101426-7-D



ELECTRICAL CONSTRUCTION NOTES THIS SHEET:

- 12** INSTALL TYPE O 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 SHOWN PER PLAN. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
- 13** REPLACE EXISTING LOOPS WITH NEW TYPE E (MOD) DETECTOR LOOPS PER CITY OF SAN DIEGO STANDARD DRAWING SDE-104 AND NEW TYPE E DETECTOR LOOPS PER CALTRANS LOOP DETECTOR CONFIGURATION STANDARD PLAN ES-5B AS SHOWN ON PLAN.

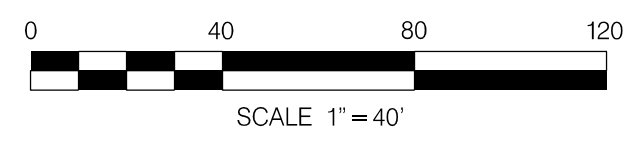
LEGEND

TYPE E MODIFIED LOOP, PER CITY OF SAN DIEGO STANDARD DRAWING SDE-104.

TYPE E LOOP

TYPE O LOOP

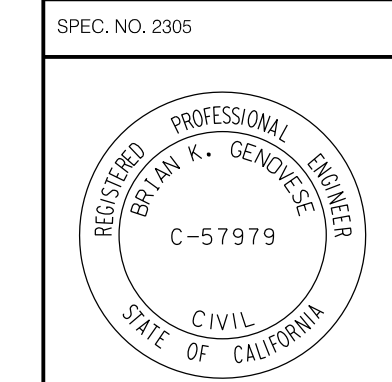
EXISTING STRIPING/PAVEMENT MARKINGS



E-1

AC 2402
 NORTH TORREY PINES RD
 BETWEEN TORREY PINES RD
 TO REVELLE COLLEGE DR
 ELECTRICAL PLAN

CITY OF SAN DIEGO, CALIFORNIA
 TRANSPORTATION DEPARTMENT
 SHEET 8 OF 9 SHEETS



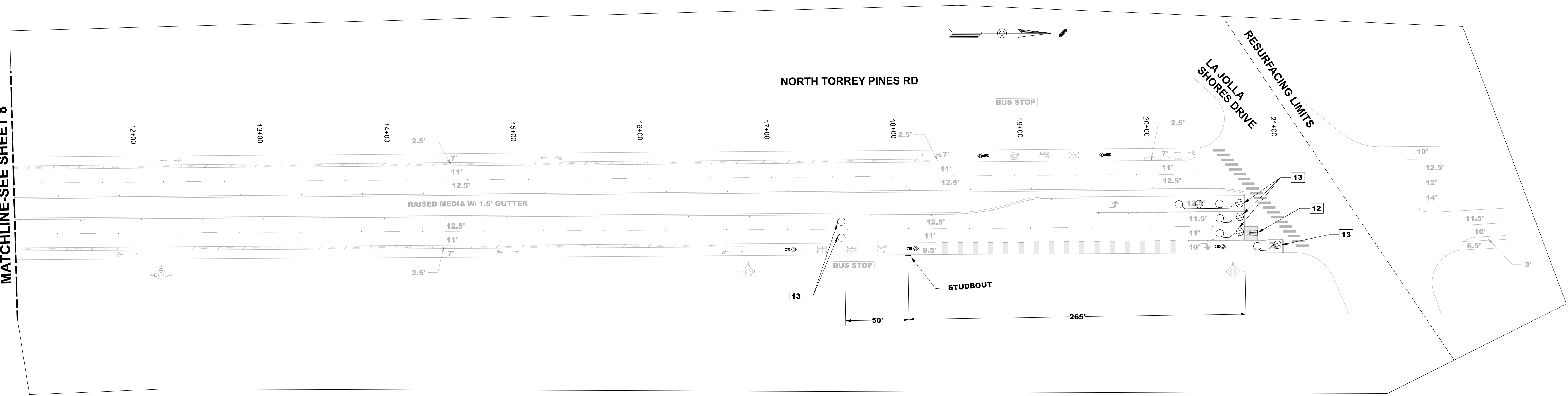
APPROVED: <i>Brian K. Genovese</i> FOR CITY ENGINEER'S BRIAN K. GENOVESE DEPUTY CITY ENGINEER	DATE 4-25-2024	DATE 4-22-2024	FILED	WBS# B23157
SUBMITTED BY: MANILYN DEL RIO PROJECT MANAGER				
CHECKED BY: ALI JASIM PROJECT ENGINEER				
DESCRIPTION	BY	APPROVED	DATE	
ORIGINAL	AJ			254-1695 CCS27 COORDINATE
				6256407-1894444 CCS83 COORDINATE

CONTRACTOR _____ DATE STARTED _____
 INSPECTOR _____ DATE COMPLETED _____

0101426-8-D

MATCHLINE-SEE SHEET 8

NORTH TORREY PINES RD

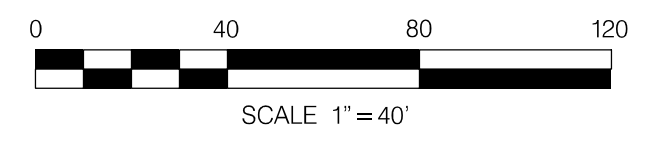


ELECTRICAL CONSTRUCTION NOTES THIS SHEET:

- 12 INSTALL TYPE O 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 SHOWN PER PLAN. CONTRACTOR TO ENSURE ALL NECESSARY WORK IS COMPLETED TO MAKE NEW LOOP(S) OPERATIONAL.
- 13 REPLACE EXISTING LOOPS WITH NEW TYPE E (MOD) DETECTOR LOOPS PER CITY OF SAN DIEGO STANDARD DRAWING SDE-104 AND NEW TYPE E DETECTOR LOOPS PER CALTRANS LOOP DETECTOR CONFIGURATION STANDARD PLAN ES-5B AS SHOWN ON PLAN.

LEGEND

- TYPE E, MODIFIED LOOP, PER CITY OF SAN DIEGO STANDARD DRAWING SDE-104.
- TYPE E LOOP
- TYPE O LOOP
- EXISTING STRIPING/PAVEMENT MARKINGS



E-2

AC 2402
NORTH TORREY PINES RD
NORTH TORREY PINES RD
AT LA JOLLA SHORES DRIVE
ELECTRICAL PLAN

CITY OF SAN DIEGO, CALIFORNIA TRANSPORTATION DEPARTMENT SHEET 9 OF 9 SHEETS		WBS# B23157
	APPROVED: <i>Brian K. Genovese</i> FOR CITY ENGINEER BRIAN K. GENOVESE DEPUTY CITY ENGINEER	DATE: 4-25-2024 DATE: 4/22/2024 RCE# C-57979
	SUBMITTED BY: MANILYN DEL RIO PROJECT MANAGER CHECKED BY: ALI JASIM PROJECT ENGINEER	DESCRIPTION: ORIGINAL
CONTRACTOR: _____		DATE STARTED: _____
INSPECTOR: _____		DATE COMPLETED: _____
		254-1695 CCS27 COORDINATE 6256407-189444 CCS83 COORDINATE 0101426-9-D

City of San Diego

CITY CONTACT: Brittany Friedenreich, Senior Contract Specialist, Email: BFriedenreic@sandiego.gov
Phone No. (619) 533-3104

ADDENDUM 2 PROPOSAL DOCUMENTS



FOR

AC OVERLAY GROUP 2402

RFP NO.:	<u>K-24-2305-DB1-3</u>
SAP NO. (WBS/IO/CC):	<u>B-24012</u>
CLIENT DEPARTMENT:	<u>2116</u>
COUNCIL DISTRICT:	<u>1, 5</u>
PROJECT TYPE:	<u>ID</u>

PROPOSALS DUE:

**2:00 PM
AUGUST 7, 2024**

CITY OF SAN DIEGO'S ELECTRONIC BIDDING SITE, PLANETBIDS

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

A. CHANGES TO CONTRACT DOCUMENTS

The following changes to the RFP are hereby made effective as though originally issued with the RFP. The Design-Builders are reminded that all previous requirements to this solicitation remain in full force and effect.

B. BIDDER'S QUESTIONS

Q1. Supplemental Special Provisions Page 106 section 1-2 states "**Normal Working Hours:** Working Hours shall be **8:00 am to 3:30 pm, Monday through Friday**, inclusive." However, section 6-1.3.1 **Payment.** Item 8 on page 130 states "The payment for any work outside normal working hours, included weekend work and night work, shall be included in the Contract Price."

If the City wants any work performed outside normal working hours, including weekend work and night work, which is not designated as such at bid time, the City should compensate the contractor for all additional costs. Can the City provide a list of which streets will need to be performed on weekends or at night?

A1. Per the K-24-2305-DB1-3 – Solicitation – bridging document Item #7 Traffic Control Plans Approach Memo all street segments currently are scheduled for 8:30 am to 3:30 pm normal working hours.

Q2. Section 2.7.6 Page 37 calls out for an Arborist to be retained for design and construction evaluation; under which proposal item is this paid for? Can the City add a bid item for this?

A2. If an arborist is required for the Special Design Curb Ramps, payment for the arborist shall include in the lump sum bid items for "**Engineering and Design Services (Curb Ramp Special Design)**" and "**Construction (Curb Ramp Special Design)**". If arborist is required for the trees identified in the Arborist Table provided in **Appendix M** or other tree locations within the project limits but not associated with the Special Design Curb ramps, refer to Section 801-9 in the Contract documents.

Q3. Addendum 1 **C. CHANGES TO THE REQUEST FOR PROPOSALS.** Item 6 substituted page 221 with page 20. Carmel Mountain Road between Via San Marco and Cuco St lists 598 LF X 98 LF which totals 58,604 SF. The

2" Cold Mill column lists 53,883.86 SF. Can this quantity be revised to reflect 58,604 SF?

- A3. The quantity is adjusted to exclude raised median islands.
- Q4. Addendum 1 **C. CHANGES TO THE REQUEST FOR PROPOSALS**. Item 6 substituted page 221 with page 20. Why did the City add a column for "2" AC Overlay (Ton)" with no quantities listed?
- A4. Description not used.
- Q5. Addendum 1 **C. CHANGES TO THE REQUEST FOR PROPOSALS**. Item 6 substituted page 221 with page 20. Why did the City add a column for "Remove and Replace Existing Curb & Gutter (LF)" with no quantities listed?
- A5. Description not used.
- Q6. Addendum 1 **C. CHANGES TO THE REQUEST FOR PROPOSALS**. Item 6 substituted page 221 with page 20. Under the Loops Column, the total quantity for Type E and Type E Modified Loops is 522 Each, however bid item 40 only lists 142 Each, which is correct?
- A6. Bid item 40 only covers loops not covered by bid items 30 to 35.
- Q7. Addendum 1 **C. CHANGES TO THE REQUEST FOR PROPOSALS**. Item 6 substituted page 221 with page 20. Under the Loops Column, the total quantity for Type Q loops is 422 Each, however bid item 41 only lists 11 Each, which is correct?
- A7. Bid item 41 only covers loops not covered by bid items 30 to 35.

Rania Amen, Director
Engineering & Capital Projects Department

Dated: *July 31, 2024*
San Diego, California

RA/MJN/na



ASPHALT OVERLAY GROUP 2402

RFP No.: K-24-2305-DB1-3

WBS: B-24012

August 7, 2024



SUBMITTED BY:

ATP

*In association
with*



Martin Marietta San Diego Aggregates, LLC
dba ATP General Engineering Contractors
4211 Ponderosa Ave. Suite C
San Diego, CA 92123

David A. Donnelly
Vice President/Project Executive
Office: (858) 944-6740
Cell: (858) 265-9235



August 7, 2024

Brittany Friedenreich, Senior Contract Specialist

City of San Diego

Delivered via City of San Diego's Electronic Bidding Site, Planetbids

RE: Asphalt Overlay Group 2402 Design-Build Project

Dear Ms. Friedenreich and Selection Panel Members:

Martin Marietta San Diego Aggregates, LLC dba ATP General Engineering Contractors (ATP) would like to thank you for the opportunity to submit this proposal for the above-referenced project. ATP has selected RICK Engineering Company (RICK) as our exclusive design engineer of record to perform the contract design scope of this project (the ATP Team) to bring local experience to deliver design and construction services.

As a partner with the City of San Diego (the City) for over 69 years collectively, the ATP Team understands the City's needs and requirements to build a project that exceeds your goals. ATP is currently building the City's Asphalt Overlay Group 2301 project with nearly identical project scope to the Asphalt Overlay Group 2402 Design-Build project. As a vertically-integrated contractor and material supplier, ATP provides unique opportunities for schedule optimization and overall project quality.

Your Local Team. ATP's San Diego based office is strategically located to service southern San Diego County. This location, combined with our local resources, allows us to quickly mobilize and address any scheduling needs, providing you with the convenience and efficiency the City requires. ATP's strong presence in the market, vertical integration, and extensive experience, positions us as an excellent choice for your design-build needs on overlay projects.

We recognize the City's limited resources for inspection and design, and our team is well-equipped to provide comprehensive design and construction services to complete the project efficiently. We understand the details required in the design documents.

Community Partners. Public perception and acceptance are important factors in all roadway projects but play a particularly important role in this project. The ATP Team will implement thorough public communication and engagement strategies while using aesthetically pleasing construction methods. We understand the value of maintaining a clean and organized work site to help alleviate concerns and demonstrate a commitment to minimizing disruptions for the public.

We look forward to continuing our success with the City of San Diego.

Sincerely,

A handwritten signature in black ink that reads 'D. A. Donnelly'. The signature is written in a cursive, flowing style.

David A. Donnelly

Vice President/Project Executive

Martin Marietta San Diego Aggregates, LLC dba ATP General Engineering Contractors

TECHNICAL PROPOSAL REQUIREMENTS

LEGAL COMPANY NAME

Martin Marietta San Diego Aggregates, LLC dba ATP General Engineering Contractors

LEGAL FORM OF ENTITY

Corporation

YEAR OF ENTITY ESTABLISHMENT

1986

PARENT COMPANY

Martin Marietta Materials, Inc.

MAIN OFFICE ADDRESS/SAN DIEGO OFFICE

4211 Ponderosa Ave., Suite C
San Diego, CA 92123

CONTACT INFORMATION

David A. Donnelly
Vice President/Project Executive
Email: David.Donnelly@martinmarietta.com
Office: 619-777-8100 | Mobile: 858-265-9235

SAN DIEGO COUNTY EMPLOYEES

70

CITY OF SAN DIEGO BUSINESS LICENSE

License No.: B2010023183 | **Expiration Date:** 7/31/2025

CONTRACTOR'S LICENSE NUMBER

California State Contractor's License No 502506
Classification: A- General Engineering | **Expiration Date** 03/31/2026

PROFESSIONAL ENGINEERING/ARCHITECT LICENSE

ATP has selected RICK Engineering Company as our exclusive design engineer to perform the contract design scope of this project. Design Project Manager Nick Dorner, PE will serve as the Engineer of Record for the design components of this project:

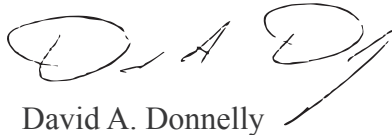
Nicholas Andrew Dorner CA Civil Engineer
License No.: 83491 | **Expiration Date:** 03/31/2025

1. RFP EXCEPTIONS

ATP General Engineering Contractors does not take any exception to the contract terms.

We acknowledge and are in receipt of the following addenda:

- » *Addendum No. 1 dated 7/26/2024*
- » *Addendum No. 2 dated 7/31/2024*



David A. Donnelly
Vice President/Project Executive
on behalf of ATP General Engineering Contractors

2. PROPOSAL SUMMARY

Project Team



Martin Marietta
San Diego
Aggregates LLC,
dba **ATP General
Engineering**

Contractors (ATP), is part of the Martin Marietta parent company and a member of the S&P 500 Index. It is an American-based company and a leading supplier of building materials, including aggregates, cement, ready-mix concrete, asphalt, and construction operations. Through a network of operations spanning 28 states, Canada, and the Bahamas, dedicated Martin Marietta teams supply the resources necessary for building the solid foundations on which our communities thrive.

ATP General Engineering Contractors is based in San Diego and is a full-service material supplier and general engineering contractor that provides both public and private work infrastructure solutions for our clients. ATP has been in business for 38 years and specializes in asphalt paving, sitework, and roadwork, specifically grading, aggregate base, and asphalt paving operations. We work throughout San Diego and southern California as a general contractor and subcontractor for our commercial clients.

ATP is not just a construction company, but a fully vertically integrated one. Our affiliate operations own and operate aggregate quarries and asphalt plants throughout San Diego County and Southern California, ensuring a steady supply of high-quality materials for your project. This unique

vertical integration allows us to control scheduling and maintain the quality of aggregate and asphalt materials, setting us apart from other contractors. We are truly a one-stop shop for all your material and construction needs, providing peace of mind that your project is in capable hands.

ATP strategically selected **RICK Engineering Company (RICK)** to serve as the designer for the curb return corners for curb ramp installation and engineered traffic control required.



RICK started as a family-owned engineering, planning, and design firm over 69 years ago.

Though they have grown their employee base and expanded geographically, they have maintained a close-knit, people-oriented company culture. RICK's in-house teams, staffed by industry-leading experts, work seamlessly together to offer clients comprehensive services they can trust. The City consistently relies on RICK to design complex work, and our team brings experience in designing curb ramp details and developing traffic control plans that meet stringent requirements.

The ATP Team includes local design and construction experts who are ready to start working on the Asphalt Overlay Design-Build project right away. Our team is led by Design-Build Project Manager Hassan Bitar with over 3M tons of asphalt paving experience. Design Manager and Engineer of Record Nick Dorner has designed over 300 curb ramps over the last 13 years.

Technical Approach and Design Concept

We understand the City's needs and will design a project that effectively improves road conditions and accessibility. Our design will assess curb ramps requiring specialty design early in the design process, reduce impacts to the community, and ensure access to public facilities such as schools, libraries, fire departments, religious centers, and recreation centers. RICK will work as an extension of the City's staff for seamless coordination and project completion.

Construction Plan

Before embarking on a construction project, it's crucial to understand and mitigate potential risks. ATP's proactive approach involves closely managing the schedule to ensure timely completions, maintaining a commitment to quality through vertical integration, and managing community impacts to minimize public inconvenience. This comprehensive strategy contributes to successful project outcomes and stakeholder satisfaction.

Construction Plan Efficiency. The ATP Team has a detailed plan to enhance efficiency and productivity while minimizing disruption to the community. The project will be divided into five geographic zones, each with specific tasks and timelines. We have phased the project within these zones to enhance constructability, minimize impacts to the traveling public, and optimize mobilization.

Safety. Safety is vital to our culture and a shared responsibility. ATP prioritizes safety through a comprehensive injury and illness prevention program and a Guardian Angel Creed that empowers employees to stop any actions that may endanger themselves

or others. All supervisors and foremen are trained in safety leadership and management, and there are dedicated safety professionals in place to ensure the security and confidence of all employees. All foremen and supervisors are trained in all aspects of the safety program to promote a strong safety culture.

Schedule. We have developed a complete, detailed project schedule that accommodates the City's design review and project closeout needs. Our phasing efficiencies will help the City meet schedule goals.

Community Outreach and Stakeholder Satisfaction. The ATP Team will collaborate with the City's team to conduct community outreach, ensuring that all stakeholders are informed and address any construction-related impacts. As a local contractor, we are deeply familiar with the community and have garnered numerous accolades from satisfied residents and business owners.

Equal Opportunity Program

ATP is a local contractor with strong relationships with local subcontractors, service providers, and material suppliers, enabling us to meet small and diverse utilization goals effectively. Our extensive network and experience in working with small and diverse businesses allow us to exceed the project's small and diverse business enterprise participation goals to ensure a reliable and diverse workforce that delivers on requirements.

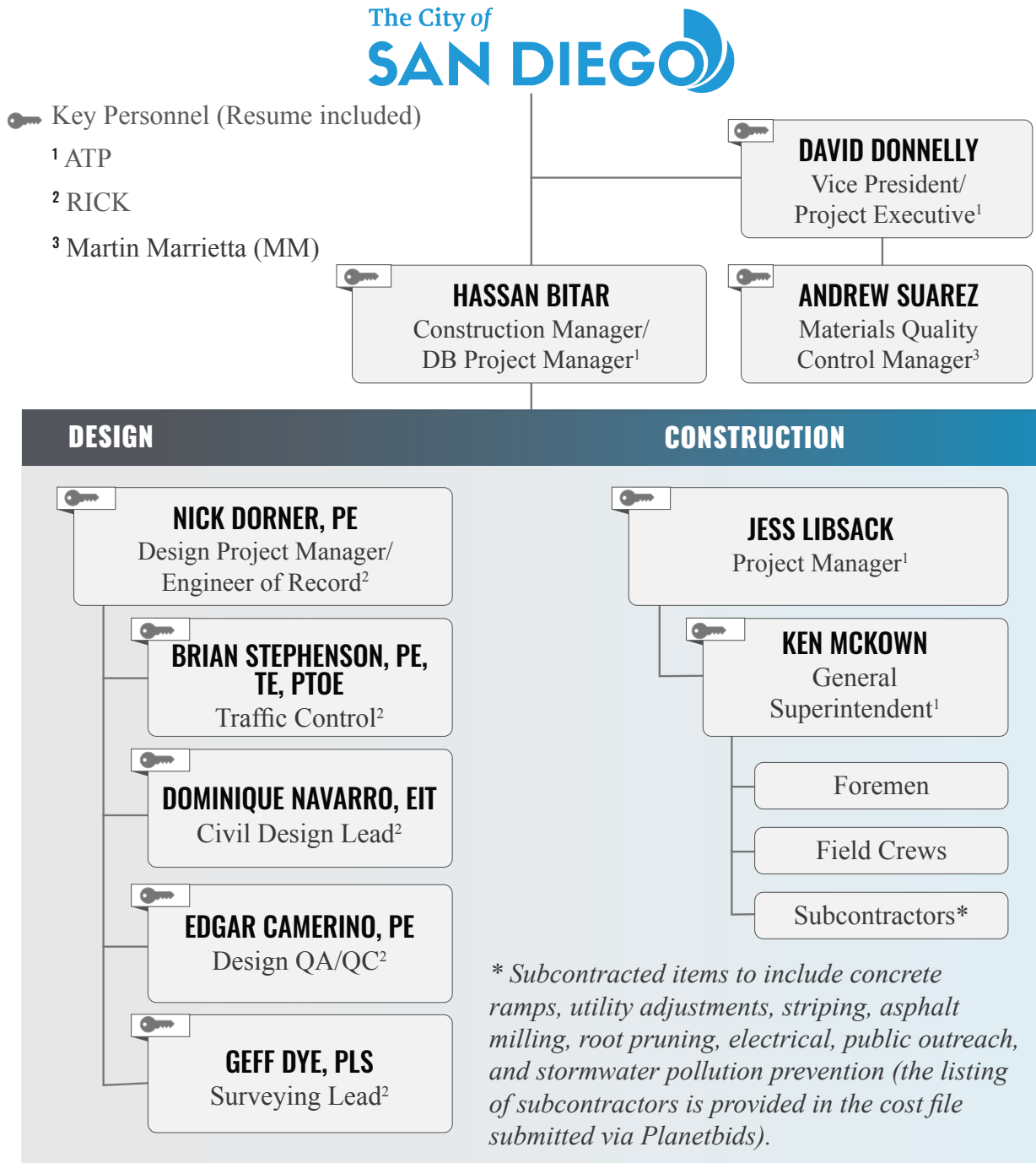
References

The ATP Team has provided four references (two for ATP and two for RICK) to demonstrate our ability to provide innovative and cost-effective solutions. These references represent local, San Diego area project owners on recent work.

3. PROJECT TEAM

The ATP Team has assembled design and construction professionals who are immediately available to begin working on this Asphalt Overlay Design-Build project. Our organizational structure is shown in Figure 1 below.

FIGURE 1 | Organizational Chart





DAVID DONNELLY
Project Executive

35 YEARS IN INDUSTRY
6 YEARS WITH ATP

\$2B+
TOTAL
PROJECT
EXPERIENCE

7M
TONS OF
AC PAVING
MANAGED

David is a highly experienced and skilled leader with a proven track record of successfully managing and overseeing a wide range of construction projects, including design-build contracts and asphalt materials facilities. David has demonstrated expertise in project management, design, and construction of various infrastructure and transportation projects. His strong leadership and communication skills have enabled him to effectively collaborate with design teams, contractors, and stakeholders to deliver high-quality, cost-effective solutions. David’s project portfolio includes significant contributions throughout California, including the San Jose Terminal Area Improvement Design-Build Project, Stonebrae Country Club Site Development, San Diego International Airport Runway Overlay, Mission Bay N1 – N3A Reconstruction, and other notable endeavors. He is known for his meticulous attention to detail, problem-solving abilities, and commitment to completing projects on time and within budget. David holds a Petroleum Engineering Degree and Construction Management Certificate.

KEY PROJECTS:

- » San Jose Terminal Area Improvement Project (SJTAIP) Design-Build **\$120M | 30K TN**
- » San Diego County DPW Annual Roadway Resurfacing Program (8 completed contracts; 2 active) **\$80.9M | 583K TN**



HASSAN BITAR
Construction Mgr./PM

24 YEARS IN INDUSTRY
5 YEARS WITH ATP

\$1B+
TOTAL
PROJECT
EXPERIENCE

3M
TONS OF
AC PAVING
MANAGED

Hassan Bitar is a dedicated Construction Manager with 24 years of industry experience and over 18 years of experience in successful project management. Highly respected by clients, superiors, and peers, he excels in project execution, budgeting, and critical path scheduling. With a BS Degree in Mechanical Engineering and an EIT certification, Hassan is well-equipped to handle complex tasks and challenges in the construction industry. His expertise lies in developing project and bidding strategies for successful project outcomes that benefit clients. Hassan is skilled in negotiating change orders and proposing cost-saving initiatives to maintain project budgets and meet set milestones. He is adept at managing and allocating resources for the highest efficiency and success. Hassan is well-qualified to oversee multiple projects while empowering teams to excel. His recent relevant experience includes managing the City of Indio Downtown Streets Pavement Rehabilitation and Striping Project-Phase I, showcasing his ability to handle large-scale projects with precision and expertise.

KEY PROJECTS:

- » San Diego County DPW Annual Roadway Resurfacing Program (8 completed contracts; 2 active) **\$80.9M | 583K TN**
- » City of Indio Annual Resurfacing Program **\$24.7M Value | 156K TN**
- » City of Oceanside Annual Overlay Program **\$33.8M Value | 168K TN**



NICK DORNER, PE
Design Project Manager

13 YEARS IN INDUSTRY
13 YEARS WITH RICK

\$400M+ **300+**
TOTAL PROJECT EXPERIENCE CURB RAMPS DESIGNED

Nick, is a California professional engineer with extensive City of San Diego experience. He will work closely with Design-Build Project Manager Hassan Bitar, ensuring that all design documents are completed to the highest quality and on schedule. Nick has been the Design Project Manager on numerous projects for the City of San Diego, including multiple design-build projects and has extensive knowledge with the design and construction of roadway, ADA, water, sewer, and storm drain projects. He has a great understanding of the City of San Diego’s standards and has used this in the design and preparation of plans, specifications, and estimates (PS&E). He recently provided design and construction support services for the City of San Diego’s 30th Street Pipeline Replacement project. This project involved the replacement of over five miles of 8-inch to 42-inch water transmission and distribution mains in the areas of North Park, South Park, and Golden Hill as well as resurfacing and restriping of impacted roadways, and replacement of over 60 curb ramps to meet current ADA requirements.

KEY PROJECTS:

- » City of San Diego 30th Street Pipeline \$1.6M (design) | 60+ curb ramps
- » City of San Diego Pacific Beach Pipeline South \$2.3M (design) | 130+ curb ramps



JESS LIBSACK
Project Manager

22 YEARS IN INDUSTRY
2 YEARS WITH ATP

\$100M+ **500K+**
TOTAL PROJECT EXPERIENCE TONS OF AC PAVING

Jess is an experienced Project Manager and Estimator with 22 years of experience in the Construction Industry and has a strong background in management with a wide range of skills, certifications, and qualifications, including plan review, scheduling, ADA compliance, underground utilities, roadway surfacing, and traffic control systems. He will bring his knowledge of city standards and familiarity with local industry costs to ensure cost, schedule, and quality goal achievement. He has managed and supervised various projects for the City of San Diego over the past 15 years. He is currently managing the City of San Diego Asphalt Overlay Group 2301 project valued at \$6.4M. He has managed multiple City of San Diego award-winning projects, receiving the APWA Project of the Year and Honor Awards. His attention to detail, communication skills, and dedication have allowed him to complete projects on time and budget successfully.

KEY PROJECTS:

- » City of San Diego Sitework and Curb Ramps GRC S11 \$4M
- » City of San Diego General Engineering JOC S-15, S-16, S-18 (three contracts) \$13M



KEN MCKOWN
General Superintendent

22 YEARS IN INDUSTRY
7 YEARS WITH ATP

\$750M+

**TOTAL
PROJECT
EXPERIENCE**

2M+

**TONS OF
AC PAVING**

Ken is a results-oriented individual with over 22 years of construction experience and seven years of military service in the Marine Corps Reserves. Starting his career as a construction laborer, he gained hands-on experience with asphalt and earthwork projects and honed his skills in operating heavy equipment and grade-checking. His military training equipped him to handle high-stress situations and think on his feet effectively.

Ken is known for his honesty, hard work, and collaboration ability. He has managed multiple projects simultaneously, working closely with subcontractors and coordinating schedules with multiple agencies to ensure project completion. Ken takes pride in his commitment to getting the job done right the first time and prioritizes creating a safe work environment for all employees. His recent experience includes managing asphalt concrete overlay and pavement milling contracts for the County of San Diego and Caltrans.

KEY PROJECTS:

- » San Diego County DPW Annual Roadway Resurfacing Program (8 completed contracts; 2 active) **\$80.9M | 583K TN**
- » City of Oceanside Annual Overlay Program **\$33.8M Value | 168K TN**
- » City of Indio Annual Resurfacing Program **\$24.7M Value | 156K TN**



BRIAN STEPHENSON,
PE/TE/PTOE
Traffic Control

26 YEARS IN INDUSTRY
21 YEARS WITH RICK

100+

**CITY OF
SAN DIEGO
PROJECTS**

50+

**MILES OF TRAFFIC
CONTROL
DESIGNED**

Brian is an accomplished Associate Principal at RICK, specializing in traffic engineering services. With expertise in municipal traffic engineering, he currently serves as the City of Murrieta’s Consultant Traffic Engineer. Brian effectively manages a team responsible for various traffic engineering aspects, including traffic control plans, signal plans, accident analysis, and traffic impact studies. His notable projects include managing traffic control and detour plans for pipeline replacements for the City of San Diego, as well as overseeing mobility improvement projects and representing the City of Murrieta at various meetings. With a Professional Engineer (PE), Traffic Engineer (TE), and Professional Traffic Operations Engineer (PTOE) certification, Brian possesses the skills and experience necessary to deliver high-quality traffic engineering solutions. His dedication to minimizing impacts on the public, businesses, and residents, while ensuring the safety of all road users, underscores his commitment to excellence in traffic engineering.

KEY PROJECTS:

- » City of San Diego Otay 2nd Pipeline Phase 2 and AC Woodman Street Pipeline Replacement **\$500K (design) | 47 sheets of traffic control plans**
- » City of San Diego Pacific Beach Pipeline South **\$2.3M (design) | 195 sheets of traffic control plans**



DOMINIQUE NAVARRO, EIT
Design Civil Lead

10 YEARS IN INDUSTRY
9 YEARS WITH RICK

\$200M+

100+

TOTAL PROJECT EXPERIENCE

CURB RAMPS DESIGNED

Dominique is skilled in the design and preparation of PS&E for private and public improvement projects, using local agency standards. She has design experience with roadway and highway improvements, pedestrian/bicycle facilities, roundabouts, and complete streets.

KEY PROJECTS:

- » City of San Diego Streamview Dr Ph 2 \$2.6M (design) | 66 curb ramps
- » City of San Diego State Rte 94/Euclid Ave Interchange \$700K (design) | 6 curb ramps



GEFF DYE, PLS
Surveying Lead

38 YEARS IN INDUSTRY
34 YEARS WITH RICK

1,000+

SURVEY OPERATIONS MANAGED

Geff is a third-generation surveyor and has more than 38 years of field experience. He supervises the photogrammetry, mapping, GIS, and coordinating field survey crews. He has worked closely with City of San Diego surveying staff on multiple on-call contracts.

KEY PROJECTS:

- » City of San Diego As-Needed Land Surveying Services \$5M
- » City of San Diego General Civil As-Needed \$3M



EDGAR CAMERINO, PE
Design QA/QC

32 YEARS IN INDUSTRY
30 YEARS WITH RICK

\$1B+

300+

TOTAL PROJECT EXPERIENCE

CURB RAMPS DESIGNED

Edgar is experienced in quality management for preliminary design/planning/environmental approvals and preparation of PS&E and construction support for streets, highways, freeways, and interchange projects using both traditional and alternate delivery methods.

KEY PROJECTS:

- » City of San Diego West Mission Bay Drive Bridge Replacement \$1.5M (design) | 7 curb ramps
- » City of San Diego El Camino Real Bridge/Roadway Widening \$2.5M (design) | 10 curb ramps



ANDREW SUAREZ
Materials QC Manager

12 YEARS IN INDUSTRY
2 YEARS WITH MM

MANAGES AASHTO ACCREDITED LAB WITH CERTIFIED TECHNICIANS IN SAN DIEGO COUNTY

Andrew has over a decade of experience in construction materials and is extremely well-versed in all construction materials, ranging from soils, concrete, aggregates, and asphalt. He has completed various asphalt mix design courses, most notably, and recently, the Bailey Mix Design Method.

KEY PROJECTS:

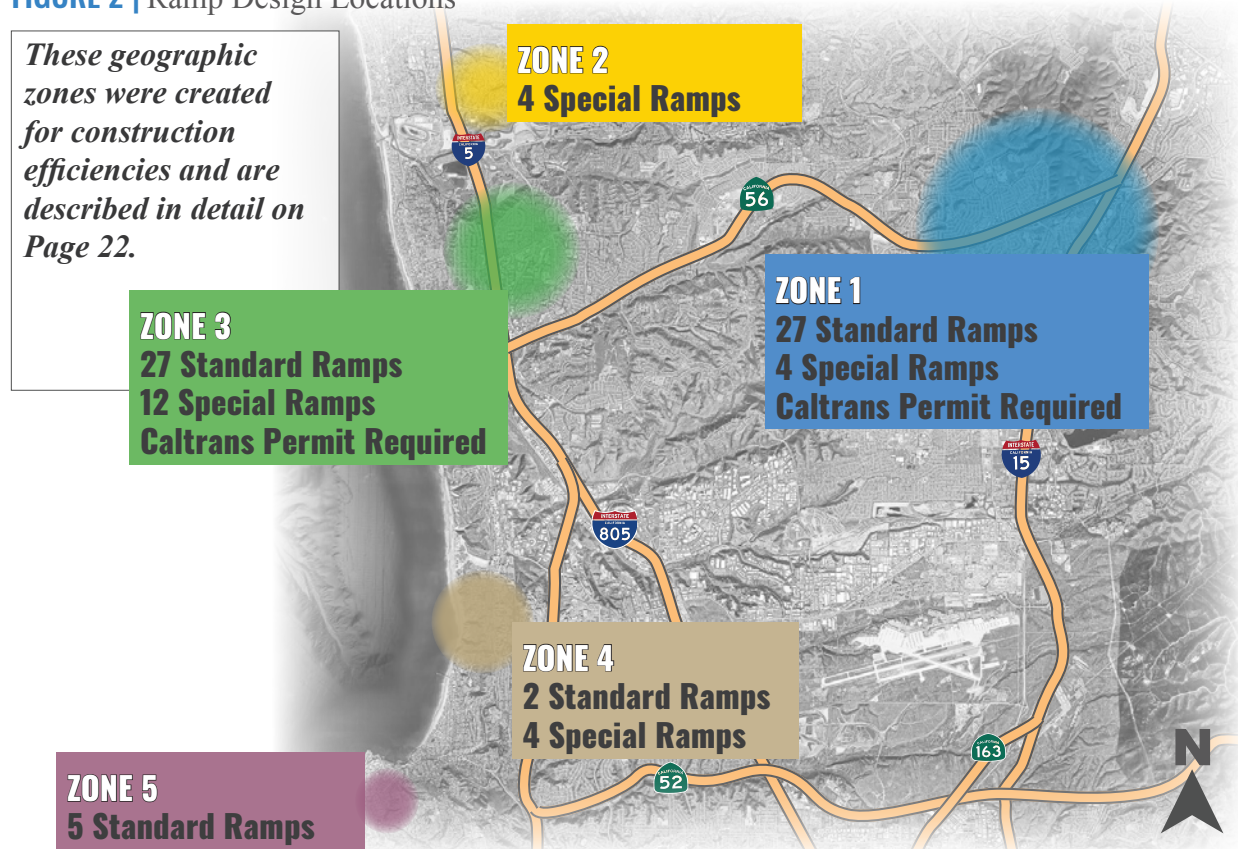
- » City of San Diego Geotechnical Engineering and Materials Testing On-Call (2020-2021)
- » City of San Diego Slurry Seal Overlays

4. TECHNICAL APPROACH AND DESIGN CONCEPT

The Asphalt Overlay Group 2402 project will resurface existing roadways within the communities of Carmel Valley, La Jolla, Via De La Valle, and Rancho Penasquitos (Council Districts 1 and 5) at five different zones (see Figure 2) within the City of San Diego. This project is part of the City’s efforts to improve the condition of the streets to provide more reliable and safe roadways to the surrounding neighborhoods. It is part of the City’s overall plans to improve the Pavement Condition Index (PCI) from “Poor” to “Fair” or “Acceptable” levels.

This project includes grinding, cold milling, hauling, and disposal of the existing asphalt, asphalt concrete (AC) overlay of 11.48 miles, base repairs where needed, adjusting appurtenances and survey monuments to grade, and replacing vehicle detector loops at signalized intersections. The project also includes the assessment, design, and construction of 24 curb returns with specially designed curb ramps and 61 standard curb ramps to meet Americans with Disabilities Act (ADA) compliant curb ramps, removing and replacing concrete cross gutters, installation of pedestrian barricades, installation or relocation of pedestrian push buttons, removal and replacement of sidewalk and curb/gutters, raising appurtenances and survey monuments to grade, removal and replacement of striping, the addition of bike lane striping, street sweeping, replacing/ installing vehicle detector loops and stubs, development of engineered traffic control plans, and procurement of a Caltrans Encroachment Permit (see locations shown on Figure 2).

FIGURE 2 | Ramp Design Locations



Our technical design approach incorporates RICK’s proven methods, which have been implemented on other projects requiring resurfacing and curb ramp replacement, such as the Otay 2nd Pipeline Phase 2, 30th Street Pipeline Replacement, and Pacific Beach Pipeline South projects.

The goals of the design include:

- ✓ *Assessment of curb ramps requiring specialty design early in the design process*
- ✓ *Reduce impacts to the community*
- ✓ *Ensure access to public facilities such as schools /universities, libraries, fire departments, religious centers, and recreation centers*

The following design process efficiently and accurately produces the design documents, resulting in streamlined construction of resurfacing and surface improvements.

▶ **Communication Plan**

A successful project begins and ends with thorough communication between the ATP Team, City Departments, and community stakeholders. At the initial kickoff meeting, our team will present a detailed communication plan that includes the community outreach performed by our Public Information Officer.

▶ **Research and Preliminary Investigations**

Our team will review the available as-built information and any available CAD files to validate the design, conduct field visits, prepare an ADA assessment for the curb returns anticipated to require specialty curb ramps, and perform field surveying of the specialty curb ramp locations before proceeding with final engineering efforts.

▶ **Design Submittal**

Upon completion of the preliminary investigations phase, our design team will prepare 30% design plans to identify the type of curb ramp that is expected to be required for specialty curb ramp locations. The 30% Design Plans will include curb ramp location sheets, resurfacing sheets, title sheets, and a key map. After review by the City, our team will advance the 30% design plans to 100%, where details for the specialty curb ramps will be developed along with a monument perpetuation sheet, a staging site plan, and engineered traffic control plans for streets within the project that have an ADT greater than 5,000.

▶ **Quality Assurance and Quality Control**

The ATP Team understands that a QA/QC plan is essential to a project's success. Quality has been part of ATP and RICK during our tenured histories of performing design and construction. We will perform a QA/QC review at all submittal stages and have developed a plan for this project that is described in more detail later in this section.

▶ **Final Approval**

Upon receipt of the 100% submittal review comments from the City-wide plan check, our team will resolve any last issues and incorporate final revisions into the design documents. Upon receipt of the construction notice to proceed, our team will schedule the preconstruction meeting.

Key Design Components

The Asphalt Overlay Group 2402 project includes various aspects and components that are vital to the success of the design and construction of the resurfacing work and the curb ramps. These components must be identified in the early phases of the project to coordinate with the Engineering and Capital Projects Department and the potential stakeholders affected by the project.

Schools/Universities and Public Facilities Restrictions

Multiple schools/universities and public facilities in and around the project will need to be considered with this project including UC San Diego, Los Penasquitos Elementary School, Mt. Carmel High School, Sunset Hills Elementary School, Torrey Pines High School, San Diego Fire Department Station No. 24, and Carmel Valley Recreation Center. All of these campuses and recreation centers are adjacent to the resurfacing work, which will require coordination during construction to avoid various activities that may be affected and to maintain access at drop-off and pick-up times, specifically for the elementary and high schools. North Torrey Pines Drive is directly adjacent to UC San Diego's Revelle College and affects the main entrance to this campus at the intersection of Revelle College Drive. San Diego Fire Department Station No. 24 will need access maintained in and out of the main driveway at all times, and the specific time the resurfacing work can occur along Del Mar Heights Road would need to be agreed upon with the Fire Marshall.

Shopping and Business Centers

There are multiple shopping centers and business centers throughout the project, including, but not limited to, Del Mar Highlands Town Center, Rancho Penasquitos Towne Center, Plaza Rancho Penasquitos, and various corporate buildings off of High Bluff Drive, among other establishments throughout the project limits. The resurfacing improvements will impact these centers, and access must be maintained to minimize business disruptions. In locations where a driveway must be closed off to allow the resurfacing work, detours would need to be provided to the other available driveways for those shopping and business centers.



Maintaining access at drop-off and pick-up times is an important factor in design, specifically for the elementary and high schools.

Traffic Control Approach

This project will need to implement traffic control measures to maintain access to all residences, businesses, schools/ universities, shopping centers, and public facilities. In particular, work along Del Mar Heights Road, El Camino Real, North Torrey Pines Road, and Carmel Mountain Road have high traffic volumes and will require engineered traffic control plans to be developed, which is discussed further within this section.

Curb Ramps

For the curb returns requiring specialty curb ramps, it will be important to document the locations of above-ground appurtenances (pull boxes, fire hydrants, push buttons, meters, etc.), right-of-way limitations or encroachments of private properties into the public right-of-way (fences, walls, landscaping, etc.) to identify the appropriate ramp type to utilize. Additionally, the roadway grades play an important part in the design of the curb ramps, which may necessitate grade adjustments to provide the required flat landings. If sufficient space is available, then a Type A curb ramp can be designed, but if there are right-of-way issues or other obstructions, either a Type C1 or a Type C2 ramp would be designed to reduce impacts to the private properties. Additional information on the design process for the curb ramps is described further in this section.

Major Construction Equipment Required:

- » *Compactors*
- » *Loaders*
- » *Asphalt Grinders*
- » *Double Drum Rollers*
- » *Asphalt Rollers*
- » *Pavers*
- » *Skid Steers*
- » *Street Sweepers*
- » *Curb Machines*
- » *Light Plants*
- » *Tack Sprayers*
- » *Haul Trucks*
- » *Message Boards*
- » *Traffic Control Equipment*



RICK will identify the appropriate ramp types considering factors such as above-ground appurtenances and right-of-way limitations.

Design and Construction Resources

We are committed to providing all the necessary resources and services for the successful completion of the Project, including management, supervision, labor, equipment, and supplies as described in Attachment 'A'.

Design Schedule

The project's design phase will begin with validating the documents and CAD files provided by the City and reviewing readily available as-built drawings. The project will then proceed with preliminary ADA assessments of the existing curb ramps and curb returns requiring replacement or the installation of new ADA-compliant curb ramps. Upon completion of these preliminary investigations, the design will proceed with final engineering efforts involving 30%, 100%, and final milestone submittals with City reviews of up to 21 working days between these milestones per the solicitation documents.

In total, it is anticipated that the design will take 30 weeks, including the review periods for the City and the time required to obtain a Caltrans Encroachment Permit for the advanced traffic control signage at various locations. It is anticipated that the contractor can proceed with resurfacing the streets and other surface improvements before the completion of the design of the specialty curb ramps and engineered traffic control plans. *Please see Figure 8 on page 26 for our proposed schedule which includes design and construction.*

Traffic Control Approach

Before preparation of any traffic control plans, RICK staff will schedule a meeting and/or coordinate with the appropriate City of San Diego staff to discuss proposed staging and traffic control based on the limits of construction, construction phasing/duration, and any other issues deemed applicable to the project goals.

Engineered traffic control D Sheet Drawings will be provided for streets with an average daily traffic (ADT) volume over 10,000 for all work completed within the right-of-way (i.e., curb ramps, resurfacing, restriping, surface improvements, etc.). Working drawing traffic control plans will be used for all other locations. For this project, the following streets have been identified as meeting this requirement, based on ADTs provided by the City of San Diego machine count:

- » ***Del Mar Heights Rd. from El Camino Real to Lansdale Dr.***
- » ***El Camino Real from High Bluff Drive to Derby Downs Rd.***
- » ***North Torrey Pines Rd. from La Jolla Village Dr. to La Jolla Shores***
- » ***Carmel Mountain Rd. from Black Mountain Rd. to Sundevil Way***
- » ***Carmel Mountain Rd. from SR-56 to Kody Way***

The traffic control design shall not restrict access to local roadways and residences, schools/universities, the fire department, shopping centers, or business driveways. Traffic control shall be set up to allow traffic to flow as close to normal as possible with all the necessary safety measures. Coordination with City personnel will be required during traffic control setup at/near signalized intersections (i.e., temporary flash mode) to allow for proper movement in/around traffic control zones.

Specific traffic control issues to consider within this area include the following:

- » *Traffic control hours within residential areas and commercial areas.*
- » *Night work for construction performed within commercial areas*
- » *Maintaining access to critical facilities, including San Diego Fire Department Station No. 24*
- » *Maintaining school operations at UC San Diego, Torrey Pines High School, Sunset Hills Elementary School, Torrey Pines High School, Los Penasquitos Elementary School, and Mt. Carmel High School*
- » *Maintaining Business Operations for Various Shopping Centers and Businesses*
- » *Bike traffic control measures.*
- » *Pedestrian accessibility during traffic control operations.*

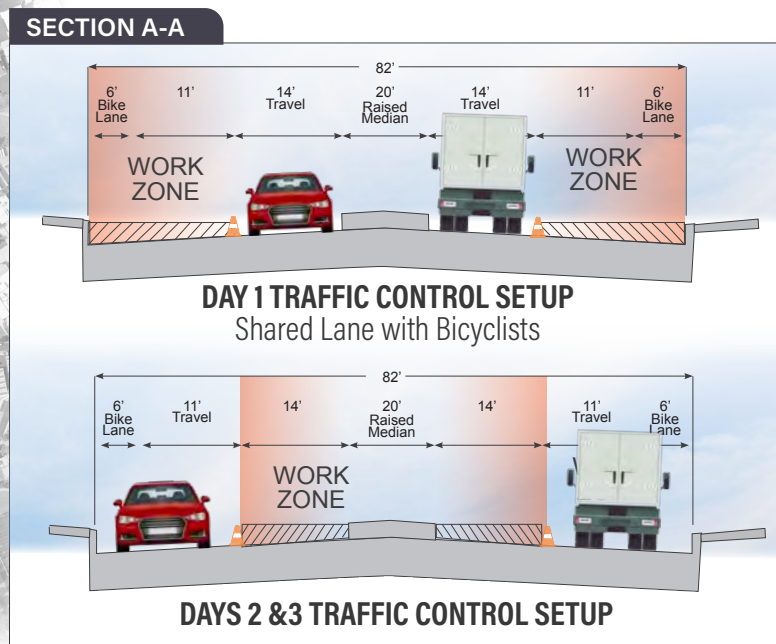
Engineered traffic control plans shall be designed per the California Manual of Uniform Traffic Control Devices (MUTCD) and the City of San Diego's traffic control design guidelines. Engineered traffic control plans will be prepared on 22 x 34-inch sheets at a scale of 1 inch, equating to 40 feet for all D-sheet drawings.



FIGURE 3 | Traffic Control Example



These drawings represent an example traffic control setup over three days while work is being performed at Carmel Mountain Rd between Black Mountain Rd and Sundevil Way.



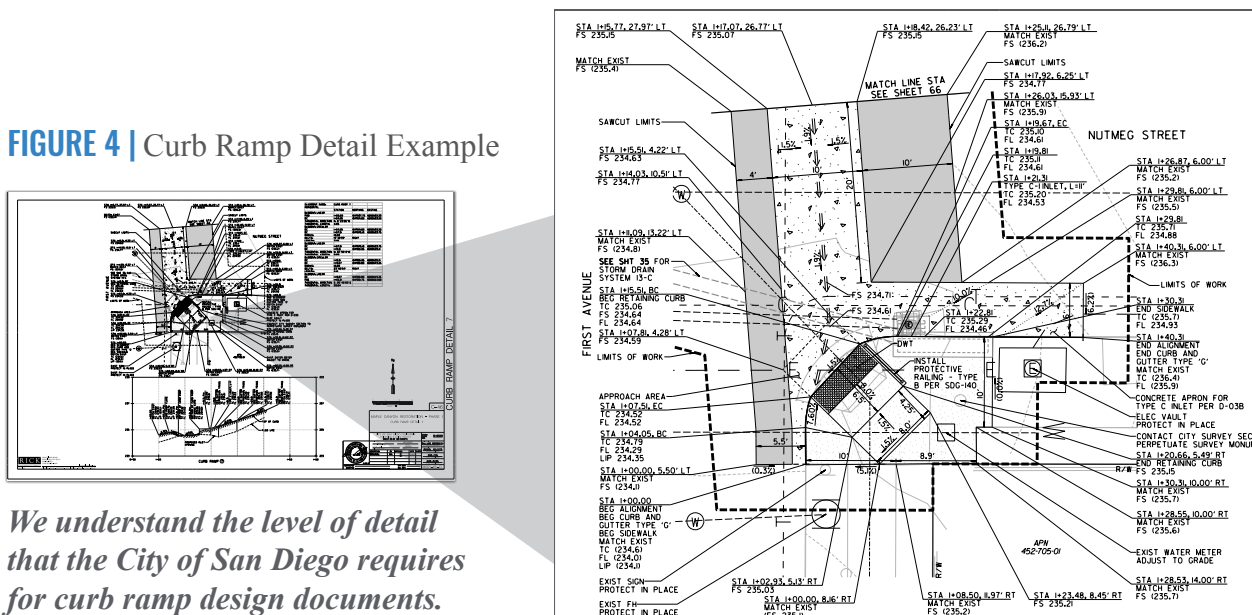
Curb Ramp Design and Evaluation Approach

During design, RICK will perform an ADA analysis of each curb return identified in the solicitation documents that are expected to require specialty curb ramps to be designed to inventory the condition of existing curb ramps or curb returns (where there are no existing ramps). At each curb return, the exact locations of the push buttons, poles, signal heads, appurtenances, street furniture, and other potential obstructions will be documented. It will be important to note the slope of each ramp, cross fall, and landing dimensions if detectable warning tiles are present and the correct size, and if the ramp is flush with the roadway pavement (often after a roadway has been resurfaced, the pavement is higher than the gutter, creating a vertical obstacle for a disabled person in a wheelchair). Another concern with existing curb ramps is ponding, which creates an obstacle for pedestrians and could lead to future repairs and maintenance being required. These conditions are evaluated during design, and existing ramps are replaced to eliminate ponding. Curb returns will also be evaluated to determine if dual ramps are feasible; if not, proper documentation will be provided.

RICK’s analysis will be compared to any Access Law Design Compliance Memorandum the City may have for the project. Any discrepancies will be documented and discussed with the City’s project manager and law design compliance officer to determine the best way to proceed with the desired improvements. For locations with constraints that prohibit using the City of San Diego’s Standard Drawings for curb ramps, details will be created at a one-inch to five-foot scale, as shown in **Figure 4** below. These details will include details such as surface improvements, striping, and pedestrian push button poles as necessary to allow ADA and MUTCD guidelines to be met.

Additionally, to meet the current ADA requirements of the MUTCD, when new construction occurs at a signalized intersection, countdown pedestrian signal modules, bicycle detection loops, and a pedestrian push button located within five feet of the crosswalk extension must be installed.

FIGURE 4 | Curb Ramp Detail Example



We understand the level of detail that the City of San Diego requires for curb ramp design documents.

ADA Compliance Recommendations

Based on a review of the Concrete Scope Sheets in the solicitation documents, 61 standard curb ramps and 24 specialty curb ramps are anticipated to be required. The specific ramps that can be replaced using standard rather than specially designed ones will be further evaluated during the 30% design phase, and the details of those specialty ramps will be provided as part of the 100% submittal.

Stormwater Pollution Control Best Management Practices

Our team understands the importance of Storm Water Pollution Control, especially with the increased regulations by the Regional Water Quality Control Board (RWQCB). Our team will work with McGrath Consulting to design and implement a water pollution control plan (WPCP) that meets the requirements of the City of San Diego Storm Water Standards Manual. The key to the WPCP will be implementing the plan as the construction evolves. This will involve updates to the WPCP as required and shall be maintained on-site during construction for review by City staff and RWQCB representatives.

Quality Assurance/Quality Control Plan

The ATP Team has established a quality assurance (QA)/quality control (QC) plan for this project that has proven successful in previous design-build projects. The success of our past projects and reputation for trouble-free project construction has demonstrated the effectiveness of this plan. This is facilitated during design by utilizing RICK's manual on quality control standards and complying with the City's QA/QC Plan Guidelines. These measures are applied to all levels of work, including project scheduling, internal reviews,

record keeping, documentation, and plan preparation. The assigned project manager maintains a quality control plan and checklists for each project task.

Reviews

Formal reviews will be completed at every design milestone submittal. The QA/QC Reviewer will be designated as the project's QA/QC Manager. Doing this enables the individual to do a full independent analysis of the reasonableness, logic, constructability, and coordination of the design between sections and disciplines.

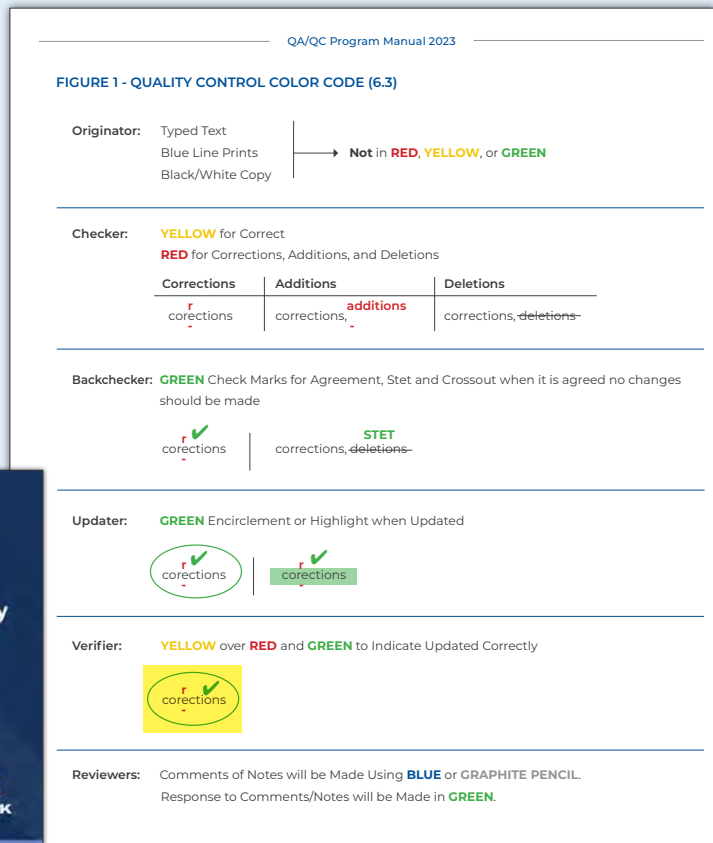
Procedures

1. Before transmittal to the Reviewers and the Design/Build Manager, the drawings and specifications will be checked by the Project Manager and design team for content, clarity, completeness, accuracy, and typographical errors. The criteria include, but are not limited to, required information for each submittal phase, drawings that conform to the Contract Documents and applicable City of San Diego Design Standards, previous applicable City review comments, and the design consistent with other plans and documents.
2. A reviewer will be assigned to review the final checked documents, "Quality Review Construction Documents," based on the criteria checked by the Project Manager.
3. Each review comment shall be made on a single issue set of construction documents.
4. The Reviewer shall submit the reviewed construction documents to the QA/QC Manager, who will ensure that all documents have been reviewed and the QA/QC processes have been followed. The Reviewers shall retain a copy of the "Quality Review Construction Documents" reviewed for later reference.

5. The QA/QC Manager will forward the reviewed “Quality Review Construction Documents” to DB Project Manager Hassan Bitar for a constructability and value engineering review by the ATP construction team.
6. The Design Project Manager will prepare responses showing the proposed resolution of the review comments on the set of construction documents. He will indicate whether the Reviewer’s comments are accepted or rejected.
7. The QA/QC Manager will review the responses and coordinate comment resolution between the Design Project Manager, the Construction QA/QC Manager, and the Design/Build Project Manager to reach the final resolution of all comments.
8. Upon approval by the QA/QC Manager, an “Updater” will be assigned to revise the construction documents.
9. At the final stage of design, the “Verifier” will check the construction documents to ensure all the corrections have been properly made. If not, the review comment and resolution process shall be employed until all parties are satisfied that all comments have been properly resolved.
10. The completed “Quality Review Construction Documents” showing the Reviewer’s comments, the Construction QA/QC Manager’s comments, response and acceptance by the Design-Build Project Manager Hassan Bitar, and the QA/QC Manager’s sign-off is the full QA/QC documentation of the process (see Figure 5 below for the color-coded process example).

FIGURE 5 | Color-Coded QA/QC Process Example

Delivering quality products is a foundational component of RICK's business practice. The RICK QA/QC Program is comprehensive and based on proven techniques and years of experience. With more than six decades of experience, RICK has earned a reputation for producing high-quality work, as evidenced by its many long-term clients. No matter the project size, RICK is committed to understanding our client's needs, meeting the quality requirements and standards specified, and surpassing our client's expectations.



5. CONSTRUCTION PLAN

Understanding a project's top risks is crucial before laying out a construction plan. By identifying potential issues, we can develop strategies to mitigate these risks proactively. This proactive approach contributes to delivering successful outcomes to achieve project goals. We have identified the following top risks to this project and our plan to address each:



Schedule

The overall schedule of a construction project is always a potential risk. With our extensive project management experience and strong design partner, the ATP Team will work closely with the City to ensure key timelines are met throughout the design process, which will facilitate the overall completion of the construction components within the allotted contract time. When embarking on a project like this, ATP develops comprehensive game plans to pursue and build the work most effectively. This begins before the bid by performing comprehensive quantity takeoffs and breaking the project into phased zones as our construction plan outlines. Our estimating, project management, and field supervisors vet the phasing before we submit our bid. This thorough planning allows us to efficiently deliver the construction components and avoid delays.

During construction, the ATP Team will drive weekly coordination meetings highlighting key deliverables to ensure critical timelines are met to keep the project flowing through closeout. Our field teams are in constant communication with our subcontractors to ensure they have what they need to be productive and help us achieve project success.



Quality

At ATP, quality is not just a priority; it's our unwavering commitment. We are dedicated to delivering projects with the highest quality to our owners, ensuring our work lasts the life as the design intended and that agencies desire. The vertical integration that ATP provides and RICK's extensive design experience assure the City that the project will be built to the specifications and be a source of pride for all. Our Martin Marietta Materials business, which includes a materials component, allows us to control the quality of the materials installed on the project. From managing the mining of our aggregate to blending our asphalt to installation in the field, we provide a one-stop shop as a key benefit.



Community Impacts and Public Perception

ATP has a proven track record of reconstructing miles of roadways throughout the greater San Diego Area and are experienced in managing the major construction project inconveniences to the communities and minimizing traveling public impacts. Our crews are adept at implementing and managing traffic control management to expedite the construction work. We always demonstrate professionalism and courtesy while guiding the public through our work zones, earning us positive recognition from the surrounding public and homeowners. This reassures the stakeholders that their concerns about community impacts are being addressed.

ATP's progressive features offer numerous benefits to the City, helping to streamline operations and reduce risk. By leveraging ATP, the City can enhance communication and optimize resource allocation, leading to better decision-making and more efficient project execution. These features will provide the City with the tools to proactively address challenges and mitigate potential risks, promoting a safer and more functional urban environment for residents and businesses alike.

ATP Team Features	Benefits to the City	
Vertical integration with direct control over material supply and local, nearby aggregate and asphalt source	<ul style="list-style-type: none"> ✓ Consistent quality ✓ Timely delivery of materials ✓ Minimizes project delays 	<ul style="list-style-type: none"> ✓ Consistent quality ✓ Ability to identify and address problems before they become large scale issues with alternate materials
One-stop shop for materials and construction needs	<ul style="list-style-type: none"> ✓ Provides convenience and efficiency 	<ul style="list-style-type: none"> ✓ In-depth understanding of processing, material production and material properties
38 years specializing in asphalt paving, sitework, and roadwork	<ul style="list-style-type: none"> ✓ High-quality workmanship ✓ Attention to detail ✓ Efficient execution of project elements optimizes schedule and provides cost savings 	<ul style="list-style-type: none"> ✓ Consistent crews and manpower promotes task efficiency, enhances safety, and higher quality work
AASHTO and Caltrans-accredited laboratory with certified technicians	<ul style="list-style-type: none"> ✓ Accurate and reliable test data ✓ Thorough processes vetted out by third parties 	<ul style="list-style-type: none"> ✓ Highest level of compliance ✓ Proactive and reactive measures can be implemented swiftly to avoid schedule delays
Depth of organizational structure	<ul style="list-style-type: none"> ✓ Readily available to the City and community 	<ul style="list-style-type: none"> ✓ Layers of review, ensuring data accuracy
Local San Diego labor resources and extensive equipment fleet	<ul style="list-style-type: none"> ✓ Quick mobilization ✓ Maintains schedule goals ✓ Flexibility 	<ul style="list-style-type: none"> ✓ Convenience and reliability ✓ Trusted community partner



I've talked with several ATP workers on my street. They were courteous, professional, and conducted themselves very well. I want you to know that ATP has done a standout job....you hired the right company.

Community resident within ATP's work location on the City of Oceanside Slurry Seal and Overlay Project

Construction Approach, Methods, and Plan

The ATP Team has implemented a plan to achieve the highest level of efficiency and productivity with the least impact on the surrounding businesses, residents, and traveling public by breaking the project into five different zones (colorcoded and identified in [Figures 6 and 7](#) on pages 22 and 23).

Our team will start with the 24 special curb ramp designs and engineered traffic plans for Zones 1-4 while starting the material submittal process. This will be followed by dig alert mark-out, survey monument perpetuation, pre-pave analysis, and video recording. We will then begin the community outreach process by posting and notifying the public of the upcoming operation and encroachment into the right of way while implementing stormwater pollution prevention measures.

Our subcontractor partners will then start removing and replacing standard curb ramps and other PCC flatwork improvements in conjunction with root pruning in Zone 5. After the standard curb ramps and PCC flatwork have been completed, ATP will then remove and replace the damaged asphalt (dig outs) in these zones.

Once the design for the special curb ramps and engineered traffic control plans are complete in Zones 1-4, we will continue with the PCC improvements, special ramps, and asphalt repairs in these areas.

ATP will then begin the cold milling and overlay operations, including hauling off and disposal of grindings, sweeping, tack coat, and AC placement in Zones 1-4. This will be followed by the traffic loop/Electrical operations and the installation of signage/stripping.

A request for substantial completion will then be sent to the city requesting the walk-thru and review for the punch list. ATP's team will complete these items and request Final Acceptance.

Our operations, crews, and manpower will follow the project specification requirements outlined by the City-provided specifications and special provisions referencing Standards Greenbook/Whitebook 2021 Edition (Whitebook Standards).

Our plan is organized into the following geographical zones:

ZONE 1



Carmel Mountain Rd.
Twin Trails Dr.

ZONE 2



San Andreas Dr.

ZONE 3



El Camino Real
High Bluff Dr.
Del Mar Heights Rd.

ZONE 4



La Jolla Shores Dr.
N. Torrey Pines Rd.

ZONE 5

Fay Ave.

 Special Design Curb Ramps

 Specialty Traffic Control

 Caltrans Encroachment Permit Required

The work consists of the following scopes of work provided by ATP:

- » Traffic Control and Curb Ramp Design
- » Video Recording
- » Posting/Notification
- » WPCP Implementation
- » Remove and replace areas of damaged asphalt (*approximately 2,900TN of AB and 2,900TN of AC*)
- » Cold mill asphalt mainline roadway (*approximately 2,277,569 SF*)
- » Inlay two to three inches of and fiber additive asphalt (*approximately 41,000TN*)
- » Ancillary Work: street sweeping and truck haul operations.

ATP anticipates the removal and replacement operations to take approximately 17 days and the cold mill and inlay operations to have a duration of 34 days.

Typical Flow of work

Pre-Pave Pavement

Analysis

- » *Analyze and Mark out areas of distressed pavement*
- » *Mark out utilities for any possible conflicts with the operation*

Traffic Control

- » *Before operations begin, notify residents and post of no parking signs, portable changeable message signs (PCMS) placement, and project identification signs.*
- » *Daily traffic control setup, maintenance, and teardown*

Grinding

- » *Grind existing variable depth AC Roadway*
- » *Off-haul and dispose of grinds*
- » *Grinder support – detail work around manholes, edges, clean-up*
- » *Street sweeping*

Paving

- » *Spread tack*
- » *Furnish/haul AC*
- » *Place and compact conventional and fiber additive variable depth AC*
- » *Sweep roadway*

Traffic Control

- » *Pickup traffic control*

Work Performed by subcontractors

- » *WPCP development*
- » *Community liaison*
- » *Root pruning*
- » *Concrete flatwork*
- » *Pedestrian push buttons*
- » *Cold milling*
- » *Utility adjustments*
- » *Traffic loops*
- » *Pavement marking/signage*

Typical Crews and Equipment

Grinding Operation

- » 6.5-foot grinders (2 each)
- » Off-haul Trucks/Boosters
- » Support Crew
- » Skid-steer Loader with mini grinder
- » Skip loader
- » Water truck
- » Broom

Paving Operation

- » Haul Trucks Boosters
- » Paver
- » Vibratory rollers (3 each)
- » Skip loader
- » Screed men
- » Rakers / Shovelers
- » Tack Truck/Tack
- » Broom

Construction Phasing Plan

We have phased the project to promote constructability, minimize impacts to the traveling public, and optimize mobilization. The geographic zones identified in Figures 6 and 7 as Zones 1-5, are grouped together for construction efficiency to bring best value to the City.

FIGURE 6 | Overlay Quantities and Durations by Location

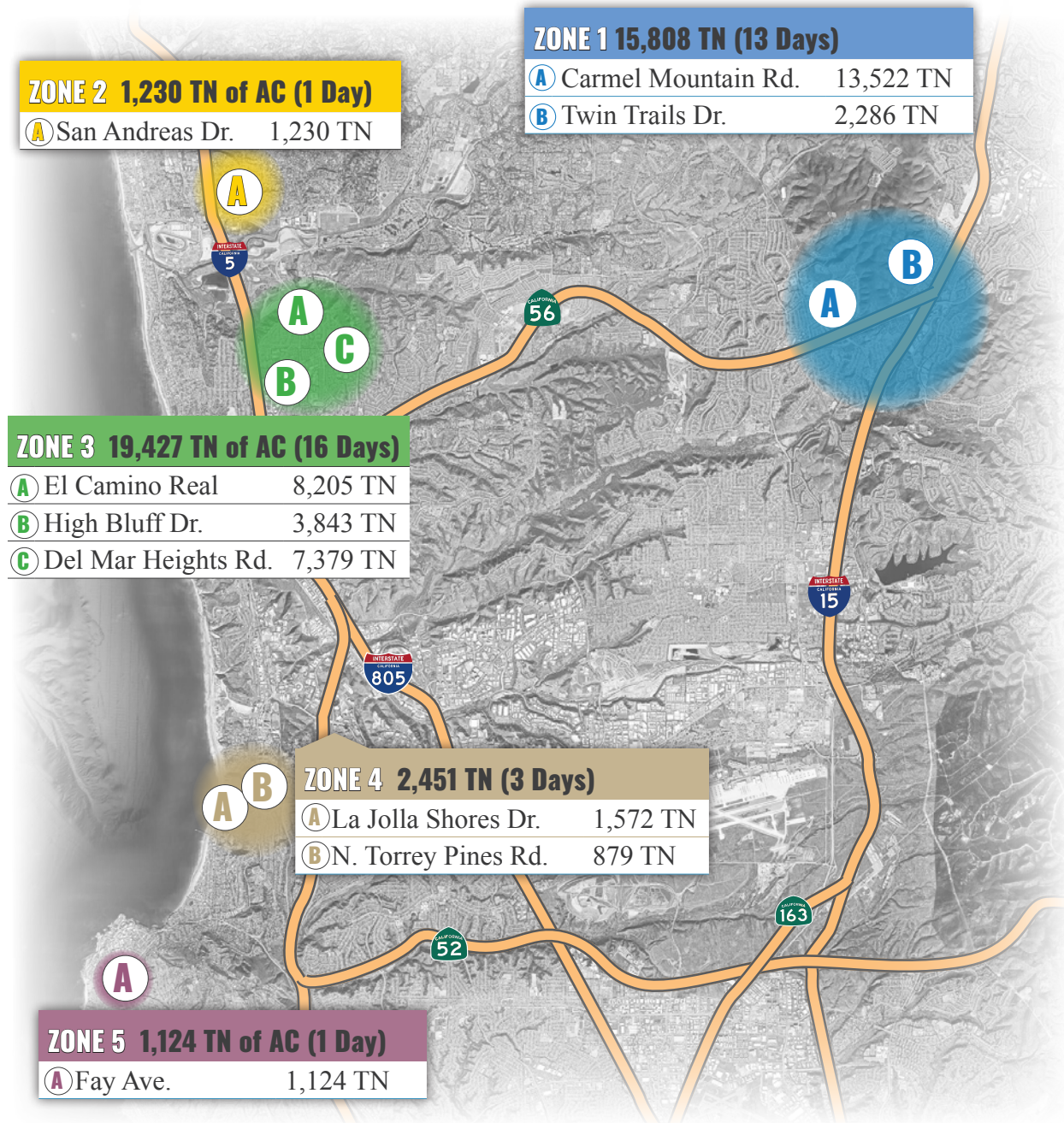


FIGURE 7 | AC / CMB Digouts by Location Zone



Repairs will be done prior to and during the overlay operations to optimize the schedule.

Proposed Safety Program

ATP uses a comprehensive injury and illness prevention program to guide all our projects. However, our company’s approach to safety starts with our Guardian Angel Creed, taken and embodied by all our employees, which states:

Guardian Angel Creed

“I am now and always will be empowered to stop any actions or processes that will endanger any other person or myself, and will do so with no fear of retribution from anyone at ATP and Martin Marietta. I will do so because I am totally committed to working in a safe environment that my family and I know will allow me to come home safe and healthy.”



Safety Program Highlights

- ▶ Activity hazard analysis and job hazard analysis plans
- ▶ Development and implementation of site-specific safety plans as clients and project owners require.
- ▶ Pre-employment and random drug and alcohol screenings.
- ▶ Orientation and safety training on employee’s first day of work with ATP’s hazard communication program that is refreshed annually.
- ▶ Mechanics using service truck cranes are trained in crane management while conducting routine equipment maintenance and service.
- ▶ Daily tailgate meeting for activity and project-specific planning and training.
- ▶ Weekly safety topics for continuous workforce training on all aspects of our injury and illness prevention program.

Safety Professionals

Every supervisor and foreman in our organization must be trained in safety leadership and management. This training is a testament to our commitment to safety and our belief in the responsibility and dedication of our supervisors and foremen. We do not openly use outside consultants for safety. All foremen and supervisors are trained in all aspects of our safety program, which helps promote our strong safety culture and create a safe work environment for our projects.

ATP’s San Diego operation has a dedicated safety professional whose sole focus and responsibility is the safety of all our employees and team members. This dedicated professional is a constant presence, ensuring the security and confidence of our employees in our safety measures. In addition, ATP-

Martin Marietta’s West Division has seven safety professionals covering our various product lines, with experience ranging from aggregates to ready-mix, asphalt, and asphalt paving.



Proposed Emergency Response Plan

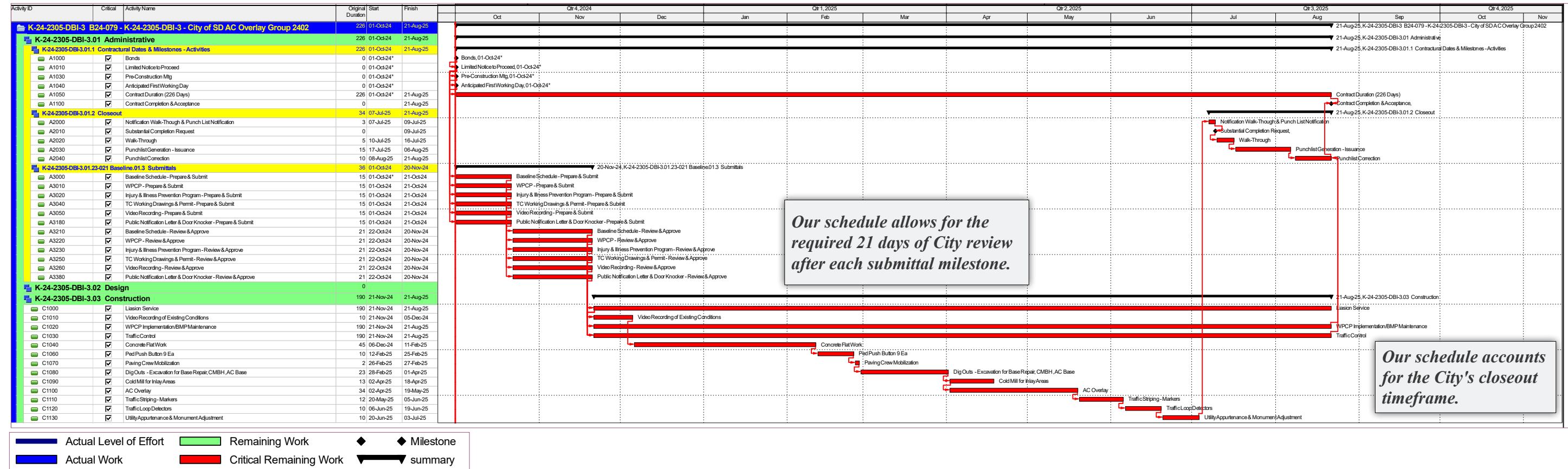
The ATP Team will follow Martin Marietta’s established Emergency Preparedness and Response Plan, which executive leadership reviews annually. This plan emphasizes the importance of life safety, incident stabilization, and quick, appropriate responses. It also covers establishing an Emergency Operations Center and the need for good judgment and adherence to instructions from local authorities during emergencies. Highlights of this plan include:

- ▶ Establishing an Emergency Operations Center (EOC) to coordinate response, communication, and resource support during emergencies without impacting normal operations.
- ▶ Use of various communication tools such as outdoor warning systems, group emails, digital signage, and cell phones to ensure accurate and timely information is communicated to company personnel.
- ▶ Meeting with local first responders and conducting mock emergency drills to prepare for actual emergencies in addition to mandatory drill requirements.
- ▶ Outlining emergency protocols, including designated sentries at gates, a primary entrance for first responders, and procedures for media inquiries and family member communications.
- ▶ Following shutdown procedures to ensure safety, prevent damage to equipment, and only allowing qualified personnel to reactivate utilities and machinery.
- ▶ A protocol for life-threatening emergencies, calling 911, securing the area, and providing assistance if trained. The plan describes administering first aid as appropriate for non-life-threatening injuries and reporting the incident to site management for further action.
- ▶ Minimizing the risk of infectious disease outbreaks, including establishing preparedness, communication procedures, and employee attendance guidelines in alignment with expert guidance and governmental regulations.
- ▶ Procedures in case of fire or smoke, activating the closest emergency signal, evacuating using stairwells, following instructions from those in authority, and not re-entering the building until given the “all clear” signal.
- ▶ Severe weather and natural disaster preparedness, including following site management instructions, moving to designated shelters, and seeking refuge. Detailed protocols and guidelines are included for dealing with floods, lightning, and earthquakes to ensure the safety of employees, customers, and the community while protecting equipment and property.
- ▶ Actions required in the event of accidental spills or emissions for containing the spill, notifying site management, treating personal exposure, and identifying the substance and quantity involved.
- ▶ Guidelines for responding to armed threats and explosives incidents (ATP strictly prohibits weapons on its property)
- ▶ A protocol for non-facility-based incidents involving company vehicles prioritizing safety, notifying the police, reporting the incident to their immediate supervisor, and exchanging necessary information with the other driver while avoiding disclosing personal details like driver’s license number and home address.

Proposed Construction Schedule

We have developed a complete, detailed project schedule shown in Figure 8 below.

FIGURE 8 | Proposed Schedule



Traffic Control Management

The ATP Team employs certified Traffic Control technicians skilled in plan design, permit procurement, delivery, and pick-up. Our expertise lies in lane closures, flagging, detours, and street and freeway closures for various municipalities across Southern California. We prioritize precision and reliability in every aspect of traffic control management, with an uncompromising focus on safety. Our daily goal is zero injuries or incidents.

The ATP Team will implement traffic control measures for this project to ensure continued access to all residences, businesses, schools, shopping centers, and public facilities. Particularly, we will work along Del Mar Heights Road, El Camino Real, N. Torrey Pines Road, and Carmel Mountain Road, which experience high traffic volumes. ATP recognizes the significance of informing the public and residents to minimize the impact and inquiries related to the project. Our highly trained technicians possess the experience and knowledge to meet municipalities' posting and notification requirements.



Community Impact and Outreach

The ATP Team will work alongside the City's team to ensure consistency with the City's community outreach for the AC Overlay Group 2402 project.

We will perform the required community outreach throughout the 240 working days of the contract. ATP will identify and closely coordinate with the businesses, institutions, residents, and property owners impacted by the project and continually propose measures to mitigate construction impacts.

We will disseminate key project messaging with deliverables and schedules to key stakeholders using our researched listing of major businesses, schools, and facilities within the project's geographical scope. We will ensure that the primary stakeholders in

the neighborhood are informed throughout the project and will make ourselves a resource to address and mitigate issues.

We understand the City's Whitebook Standards related to public speaking, writing, and communication and timely submittal of materials to the City's resident engineer to streamline community outreach services.

Public Notice by Contractor

ATP will work with the City public information officers (PIOs) and neighborhood representatives from the Council District(s) that encompass the large project to communicate regarding vehicular and pedestrian traffic access to businesses, institutions, and residences impacted by the project. ATP will also work with the City's PIO office to spearhead the creation

of all collateral materials to streamline communication and community outreach to the affected stakeholders.

We will report as needed on activities at all project progress meetings scheduled by the engineer, attend the project pre-construction meeting, attend community meetings, and respond to community questions and any complaints related to activities. The items will be documented in writing, and we will log all inquiries and communication received. We will respond to inquiries and emails within one business day and document the communications to keep the City's team apprised of the feedback.



ATP did an amazing job. The road looks terrific, and I thought the whole process was handled so well.

Community Resident
Regarding ATP's work on
the County of San Diego
Annual Roadway
Resurfacing Program

Communications with the Public

To assist with public communication, we have secured a local public relations firm, Two Rivers Strategies (Two Rivers). We will use their expertise to communicate with the public utilizing numerous channels to ensure the appropriate information about the Asphalt Overlay Group 2402 project is relayed to the key stakeholders, including:

- ▶ Council District Communications - Two Rivers will work with Council District Communications staff to ensure project updates are included in the District communications, including website, newsletter, e-blasts, social media, and other channels; we will work closely with council staff to ensure we are a resource should they be contacted by constituents.
- ▶ The City's Capital Improvement Projects Website for providing project background and updates.
- ▶ City's Constant Contact email distribution to send updates about the project (*stakeholders can receive updates through the City's CIP or provide email addresses at community meetings*).
- ▶ Door hangers – to be distributed to all addresses within 300 feet at least five days prior to the beginning of the project.
- ▶ Community Meetings – Two Rivers will attend community meetings, as requested, to advise on community concerns and issues if they arise.
- ▶ Communication with the Resident Engineer
- ▶ ATP will provide updates on construction impacts to the resident engineer. We will notify the resident engineer in advance about time-sensitive construction impacts and distribute construction impact notices to the public, if needed. At the resident engineer's request, we will attend and participate in project briefings at community meetings as needed and coordinate with the resident engineer on all responses and actions taken to address public inquiries and complaints within 24 hours of receipt.

Communications with the Media

In coordination with the City PIO, ATP will target media outlets to determine whether a feature article about the project, as part of City efforts to improve the neighborhood's infrastructure, will increase awareness and understanding of potential project inconvenience. We will also coordinate any potential media inquiries regarding the project.

Community Liaison Services

As the exclusive community liaison, ATP will submit an exclusive community outreach plan in writing within 15 days of the award of the contract that will include:

- » *Contact list of community, tenants, property owners, and agencies with a stake in the project*
- » *Details on preparation and presenting materials as needed*
- » *Plan for responding to community questions and complaints related to activities*
- » *Details for writing, editing, updating, or producing print media and news releases*
- » *Protocol for standard telephone inquiries and e-mail responses (following the response timeframe and tracking system guidelines)*
- » *Template for a monthly summary report of all inquiries and complaints to the resident engineer*
- » *Report exclusive community liaison activities at progress meetings*
- » *Confirmation of our meeting attendance (pre-construction, community and stakeholder meetings) as requested*

*"I wanted to reach out and let you know how much we appreciated the **professionalism** and **safety** that you and your crews showed us on this project."*

Community Resident
Regarding ATP's work on the
County of San Diego Annual
Roadway Resurfacing Program



6. EQUAL OPPORTUNITY CONTRACTING PROGRAM

ATP is a local contractor with a strong local workforce and reliable partnerships with local sub-contractors, service providers, and material suppliers for our everyday work. With the amount of our everyday work portfolio for private and public clients performed with strict requirements for small and diverse utilization goals, ATP understands and manages small and diverse utilization goals and requirements daily. Being a local contractor with numerous years of experience has allowed ATP to build an extensive network and history with available small and diverse businesses that will allow us to exceed this project's small and diverse business enterprise participation goals.

We anticipate achieving the maximum amount of Small Local Business Enterprises/Emerging Local Business Enterprises (SLBE/ELBEs) participation through these relationships developed with multiple small and diverse local businesses and have already identified and solicited participation for each available scope on the project. These scopes include WPCP development, community liaison, root pruning, concrete flatwork, pedestrian push buttons, cold milling, utility adjustments, traffic loops, and pavement marking/signage.

Work Force Report (EOC Form BB05) for ATP and RICK are included on pages 31-36. If selected as the successful Design-Builder, we will submit an updated Work Force Report or an Equal Employment Opportunity (EEO) Plan to the City's Equal Opportunity Contracting Program office.

ATP is committed to meet or exceed the mandatory established minimum subcontractor participation requirement percentages for the Asphalt Overlay Group 2402 Design-Build Project. Subcontractor documentation has been provided as required within our cost proposal.



EQUAL OPPORTUNITY CONTRACTING (EOC)

1200 Third Avenue, Suite 200 • San Diego, CA 92101
Phone: (619) 236-6000 • Fax: (619) 236-5904

WORK FORCE REPORT

The objective of the *Equal Employment Opportunity Outreach Program*, San Diego Municipal Code Sections 22.3501 through 22.3517, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report (WFR)*.

**NO OTHER FORMS WILL BE ACCEPTED
CONTRACTOR IDENTIFICATION**

Type of Contractor: Construction Vendor/Supplier Financial Institution Lessee/Lessor
 Consultant Grant Recipient Insurance Company Other

Name of Company: Martin Marietta San Diego Aggregates LLC
ADA/DBA: dba ATP General Engineering Contractors
Address (Corporate Headquarters, where applicable): 4211 Ponderosa Ave STE C
City: San Diego County: San Diego State: CA Zip: 92123
Telephone Number: 858-944-6740 Fax Number: 858-272-1079

Name of Company CEO: David A. Donnelly - Vice President / General Manager
Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):
Address: same
City: _____ County: _____ State: _____ Zip: _____
Telephone Number: 858-944-6711 Fax Number: 858-272-1079 Email: david.donnelly@martinmarietta.com

Type of Business: Construction - Paving Type of License: CSLB# 502506 Class A

The Company has appointed: Tricia Reedy

As its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: 4211 Ponderosa Ave STE C, San Diego, CA 92123
Telephone Number: 858-944-6714 Fax Number: 858-292-1079 Email: tricia.reedy@martinmarietta.com

- One San Diego County (or Most Local County) Work Force - Mandatory
- Branch Work Force *
- Managing Office Work Force

Check the box above that applies to this WFR.

*Submit a separate Work Force Report for all participating branches. Combine WFRs if more than one branch per county.

I, the undersigned representative of ATP General Engineering Contractors
(Firm Name)

San Diego, CA hereby certify that information provided
(County) (State)
herein is true and correct. This document was executed on this 6th day of June, 2024

David Donnelly David A. Donnelly, Vice President
(Authorized Signature) (Print Authorized Signature Name)

WORK FORCE REPORT – Page 2

NAME OF FIRM: ATP General Engineering Contractors DATE: 6/6/2024

OFFICE(S) or BRANCH(ES): 4211 Ponderosa Ave STE C, San Diego, CA 92123 COUNTY: San Diego

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) Black or African-American
- (2) Hispanic or Latino
- (3) Asian
- (4) American Indian or Alaska Native
- (5) Native Hawaiian or Pacific Islander
- (6) White
- (7) Other race/ethnicity; not falling into other groups

Definitions of the race and ethnicity categories can be found on Page 4

ADMINISTRATION OCCUPATIONAL CATEGORY	(1) Black or African American		(2) Hispanic or Latino		(3) Asian		(4) American Indian/ Nat. Alaskan		(5) Pacific Islander		(6) White		(7) Other Race/ Ethnicity	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Management & Financial												2		
Professional			1									5		
A&E, Science, Computer														
Technical														
Sales														
Administrative Support												2		
Services														
Crafts														
Operative Workers														
Transportation														
Laborers*														

*Construction laborers and other field employees are not to be included on this page

Totals Each Column			1									7	2	
--------------------	--	--	---	--	--	--	--	--	--	--	--	---	---	--

Grand Total All Employees 10

Indicate by Gender and Ethnicity the Number of Above Employees Who Are Disabled:

Disabled														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Non-Profit Organizations Only:

Board of Directors														
Volunteers														
Artists														

WORK FORCE REPORT – Page 3

NAME OF FIRM: ATP General Engineering Contractors

DATE: 6/6/2024

OFFICE(S) or BRANCH(ES): 4211 Ponderosa Ave STE C, San Diego, CA 92123

COUNTY: San Diego

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- | | |
|--------------------------------------|---|
| (1) Black or African-American | (5) Native Hawaiian or Pacific Islander |
| (2) Hispanic or Latino | (6) White |
| (3) Asian | (7) Other race/ethnicity; not falling into other groups |
| (4) American Indian or Alaska Native | |

Definitions of the race and ethnicity categories can be found on Page 4

TRADE OCCUPATIONAL CATEGORY	(1) Black or African American		(2) Hispanic or Latino		(3) Asian		(4) American Indian/ Nat. Alaskan		(5) Pacific Islander		(6) White		(7) Other Race/ Ethnicity	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Brick, Block or Stone Masons														
Carpenters														
Carpet, Floor & Tile Installers Finishers														
Cement Masons, Concrete Finishers														
Construction Laborers			20		1		1				6		1	
Drywall Installers, Ceiling Tile Inst														
Electricians														
Elevator Installers														
First-Line Supervisors/Managers														
Glaziers														
Helpers; Construction Trade														
Millwrights														
Misc. Const. Equipment Operators			12				1				5		6	
Painters, Const. & Maintenance														
Pipelayers, Plumbers, Pipe & Steam Fitters														
Plasterers & Stucco Masons														
Roofers														
Security Guards & Surveillance Officers														
Sheet Metal Workers														
Structural Metal Fabricators & Fitters														
Welding, Soldering & Brazing Workers														
Workers, Extractive Crafts, Miners														

Totals Each Column			32				2				11		7	
--------------------	--	--	----	--	--	--	---	--	--	--	----	--	---	--

Grand Total All Employees 52

Indicate By Gender and Ethnicity the Number of Above Employees Who Are Disabled:

Disabled														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--



EQUAL OPPORTUNITY CONTRACTING (EOC)

1200 Third Avenue, Suite 200 · San Diego, CA 92101
Phone: (619) 236-6000 · Fax: (619) 236-5904

WORK FORCE REPORT

The objective of the *Equal Employment Opportunity Outreach Program*, San Diego Municipal Code Sections 22.3501 through 22.3517, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report (WFR)*.

**NO OTHER FORMS WILL BE ACCEPTED
CONTRACTOR IDENTIFICATION**

Type of Contractor: Construction Vendor/Supplier Financial Institution Lessee/Lessor
 Consultant Grant Recipient Insurance Company Other

Name of Company: Glenn A. Rick Engineering & Development Company

ADA/DBA: Rick Engineering Company

Address (Corporate Headquarters, where applicable): 5620 Friars Road

City: San Diego County: San Diego State: CA Zip: 92064

Telephone Number: 619-291-0707 Fax Number: 619-291-4165

Name of Company CEO: Kai E. Ramer, PE

Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):

Address: Same as above

City: _____ County: _____ State: _____ Zip: _____

Telephone Number: _____ Fax Number: _____ Email: _____

Type of Business: California Corporation Type of License: _____

The Company has appointed: Kristin Gendron

As its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: 5620 Friars Road, San Diego, CA 92110

Telephone Number: 619-291-0707 Fax Number: 619-291-4165 Email: kgendron@rickengineering.c

- One San Diego County (or Most Local County) Work Force - Mandatory
- Branch Work Force *
- Managing Office Work Force

Check the box above that applies to this WFR.

*Submit a separate Work Force Report for all participating branches. Combine WFRs if more than one branch per county.

I, the undersigned representative of Rick Engineering Company

(Firm Name)

San Diego

CA

hereby certify that information provided

(County)

(State)

herein is true and correct. This document was executed on this 26th day of April, 2024

Kristin M. Gendron

Kristin M. Gendron

(Authorized Signature)

(Print Authorized Signature Name)

WORK FORCE REPORT – Page 2

NAME OF FIRM: Rick Engineering Company DATE: April 26, 2024
 OFFICE(S) or BRANCH(ES): San Diego COUNTY: San Diego

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) Black or African-American
- (2) Hispanic or Latino
- (3) Asian
- (4) American Indian or Alaska Native
- (5) Native Hawaiian or Pacific Islander
- (6) White
- (7) Other race/ethnicity; not falling into other groups

Definitions of the race and ethnicity categories can be found on Page 4

ADMINISTRATION OCCUPATIONAL CATEGORY	(1) Black or African American		(2) Hispanic or Latino		(3) Asian		(4) American Indian/ Nat. Alaskan		(5) Pacific Islander		(6) White		(7) Other Race/ Ethnicity	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Management & Financial			1	1	2				2	1	14	11		
Professional														
A&E, Science, Computer	3	1	24	9	11	2			2	2	51	30		1
Technical														
Sales														
Administrative Support		1	1	2							1	10		
Services														
Crafts														
Operative Workers														
Transportation														
Laborers*														

*Construction laborers and other field employees are not to be included on this page

Totals Each Column	3	2	26	12	13	2	0	0	4	3	66	51	0	1
--------------------	---	---	----	----	----	---	---	---	---	---	----	----	---	---

Grand Total All Employees 183

Indicate by Gender and Ethnicity the Number of Above Employees Who Are Disabled:

Disabled														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Non-Profit Organizations Only:

Board of Directors														
Volunteers														
Artists														

WORK FORCE REPORT – Page 3

NAME OF FIRM: Rick Engineering Company DATE: _____

OFFICE(S) or BRANCH(ES): _____ COUNTY: _____

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- | | |
|--------------------------------------|---|
| (1) Black or African-American | (5) Native Hawaiian or Pacific Islander |
| (2) Hispanic or Latino | (6) White |
| (3) Asian | (7) Other race/ethnicity; not falling into other groups |
| (4) American Indian or Alaska Native | |

Definitions of the race and ethnicity categories can be found on Page 4

TRADE OCCUPATIONAL CATEGORY	(1) Black or African American		(2) Hispanic or Latino		(3) Asian		(4) American Indian/ Nat. Alaskan		(5) Pacific Islander		(6) White		(7) Other Race/ Ethnicity	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Brick, Block or Stone Masons														
Carpenters														
Carpet, Floor & Tile Installers Finishers														
Cement Masons, Concrete Finishers														
Construction Laborers														
Drywall Installers, Ceiling Tile Inst														
Electricians														
Elevator Installers														
First-Line Supervisors/Managers														
Glaziers														
Helpers; Construction Trade														
Millwrights														
Misc. Const. Equipment Operators														
Painters, Const. & Maintenance														
Pipelayers, Plumbers, Pipe & Steam Fitters														
Plasterers & Stucco Masons														
Roofers														
Security Guards & Surveillance Officers														
Sheet Metal Workers														
Structural Metal Fabricators & Fitters														
Welding, Soldering & Brazing Workers														
Workers, Extractive Crafts, Miners														
Totals Each Column														
Grand Total All Employees	0													
Indicate By Gender and Ethnicity the Number of Above Employees Who Are Disabled:														
Disabled														

7. REFERENCES

The ATP Team has provided four references (two for ATP and two for RICK) identifying the firm project in which they are associated below:

COUNTY OF SAN DIEGO ANNUAL ROADWAY RESURFACING PROGRAM



Reference Name. Amir Etezadi, PE

Project Owner. County of San Diego

Phone. (760) 402-2578

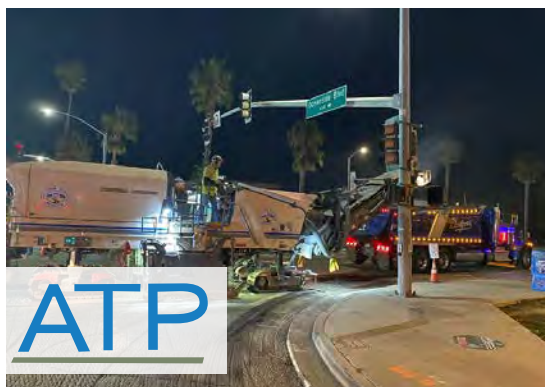
Email. aetezadi@kleinfelder.com

\$80.9M of Completed Projects

583,689 Tons of AC

ATP has teamed with the County of San Diego Department of Public Works for several annual roadway resurfacing program projects at several San Diego locations. Over the past four years, we have completed eight of these projects for a total of 583,689 TN of AC valued at \$80.9M. *This project received a quality award from the American Public Works Association (APWA).*

CITY OF OCEANSIDE ANNUAL OVERLAY PROJECTS



Reference Name. William (Bill) Janda

Project Owner. City of Oceanside

Phone. (760) 650-6477

Email. WJanda@oceansideca.org

\$33.8M of Completed Projects

167,870 Tons of AC

Since 2017, the City of Oceanside has awarded ATP numerous annual overlay projects. These projects encompass a wide range of tasks, including survey monumentation perpetuation, ADA ramp and cross gutter upgrades, full-depth reclamation of existing pavement (FDR), asphalt rehabilitation and localized repair, crack routing and sealing, slurry seal, manhole and water valve reconstruction and raising, spray-applied manhole coating, and electrical and striping replacements and upgrades.

CITY OF SAN DIEGO PACIFIC BEACH PIPELINE SOUTH



Reference Name. Roberto Vejar-Parra

Project Owner. City of San Diego

Phone. (619) 533-5402

Email. rvejarparra@sandiego.gov

\$36M Project Value

ADA Upgrades and Traffic Control

RICK provided design and construction support services for this City of San Diego project. The \$36M project consisted of replacing over eight miles of 8-inch to 30-inch water mains and over two miles of sewer mains. The project also included replacing over 130 curb ramps, street resurfacing and restriping, extensive engineered traffic control, and successful outreach with the affected stakeholders and various community groups within multiple varying neighborhood groups. *This project received local and statewide recognition with quality awards from the APWA, the American Council of Engineering Companies (ACEC), and the American Society of Civil Engineers (ASCE).*

CITY OF SAN DIEGO 30TH STREET PIPELINE REPLACEMENT



Reference Name. Jaime Ramos-Banuelos

Project Owner. City of San Diego

Phone. (619) 533-5103

Email. jramosbanuel@sandiego.gov

\$23.9M Project Value

ADA Upgrades and Traffic Control

This \$23.9M City of San Diego project involved replacing nearly six miles of 8-inch to 42-inch water transmission and distribution mains. The project also included replacing over 60 curb ramps, street resurfacing and restriping, extensive engineered traffic control, and successful outreach with the affected stakeholders and various community groups. *This project has been recognized at the state and local level with quality awards from the APWA, ACEC, and ASCE.*