REIMBURSEMENT AGREEMENT BETWEEN CITY OF MURRIETA, CALIFORNIA AND FRONTIER COMMUNICATIONS FOR

FRONTIER COMMUNICATIONS FACILITY ADJUSTMENTS FOR LOS ALAMOS ROAD, ANTELOPE ROAD, AND ELM STREET PAVEMENT REHABILITATION PROJECT CIP 13047

THIS AGREEMENT is made and entered into as of _______, between the CITY OF MURRIETA, California, a municipal corporation, hereinafter referred to as "CITY," and FRONTIER COMMUNICATIONS, a (Utility Company), hereinafter referred to as "FRONTIER." In consideration of the mutual promises and covenants contained herein, the parties hereto mutually agree as follows:

Section 1. Purpose. The purpose of this Agreement is to establish reimbursement to CITY by FRONTIER for the cost of adjusting FRONTIER facilities (manholes) as shown on the attached bid sheet which are made part of this Agreement as Attachment "A", in conjunction with the improvement plans entitled LOS ALAMOS ROAD, ANTELOPE ROAD, ELM STREET PAVEMENT REHABILITATION PROJECT, CIP 13047, hereinafter referred to as "PROJECT". Existing manholes owned by FRONTIER must be single adjusted or double adjusted to grade as part of the PROJECT. The quantity of the bid item for "Single Adjust Manhole (FRONTIER)" and "Double Adjust Manhole (FRONTIER)" is an estimated quantity. Should additional adjustments be deemed necessary by the CITY and FRONTIER during the course of construction, then FRONTIER shall be responsible for reimbursing the CITY for the additional adjustments not described on the bid sheet. The facilities to be adjusted are within the CITY's right-of-way. Pursuant to this Agreement, FRONTIER agrees to pay for the adjustments of the manhole facilities that are located in the CITY's right-of-way and are related to the PROJECT.

Section II. Bid Items. FRONTIER shall reimburse the CITY one hundred percent (100%) of the costs (hereinafter referred to as "REIMBURSEMENTS"), for the adjustments of certain FRONTIER facilities within the PROJECT area, as detailed in the table below. The costs for the REIMBURSEMENTS to CITY by FRONTIER shall include those facility items as shown on the attached Bid Sheet in Attachment "A", which is made a part of this Agreement. The estimated costs for the bid items on the Bid Sheet ("Bid Items") are provided below based on the engineer's estimate for the PROJECT. FRONTIER shall reimburse the City using the actual bid prices provided by the Bid Sheet plus the cost of any FRONTIER-approved change order(s). The estimated costs for the bid item on the Bid Sheet are provided below based on the engineer's estimate for the PROJECT.

TOTAL ESTIMATED PROJECT BID ITEMS FROM ATTACHMENT "A"

		Estimated	Estimated	Estimated
Item:	Item	Quantity	Unit Cost	Ext Amount
69	Double Adjust Manhole (GTE)	2 EA	\$1,550.00	\$3,100.00
70	Single Adjust Manhole (GTE)	4 EA	\$950.00	\$3,800.00
	Contingency (1 additional adjustment EA)	1 LS	\$2,500.00	\$2,500.00
	Total Estimated FRONTIER Reimbursements to City:			\$9,400.00

Section III. Construction and Costs.

- a. Bidding. Costs for the construction are based upon the construction bids that will be received for the PROJECT for the Bid Items referenced in Section II as shown on the Bid Sheet for the PROJECT. CITY will evaluate and analyze all bids received and select the lowest responsible bidder for the PROJECT (hereinafter referred to as "CONTRACTOR"). Per FRONTIER requirements, the CITY agrees that the bid package will require the CONTRACTOR who will perform work on the sewer items shall have either an "A" or "C10" Contractor's License.
- FRONTIER Right to Perform. To provide FRONTIER the option to perform the work identified at Section II as work that is FRONTIER's responsibility, the CITY's construction bid package shall identify FRONTIER's Bid Items as Additive Bid Items. Upon receipt of the bids and determination of the lowest responsive and responsible bidder for the PROJECT, the CITY shall notify FRONTIER of its identified portion of the construction costs for the Bid Items. At that time, FRONTIER may elect to perform/construct the Bid Items itself to the same specifications as described in the bid specifications. If FRONTIER elects to perform the Bid Items, FRONTIER shall bear all costs associated with that work and the CITY shall not include said Bid Items in the contract with the CONTRACTOR. FRONTIER shall be given a "construction window" inside the PROJECT traffic control to complete the manhole adjustments. Moreover, FRONTIER shall bear all costs associated with the manhole adjustments, included but not limited to, delay to the CITY'S CONTRACTOR or utility coordination efforts needed as a result of having multiple contractors on site. FRONTIER shall provide written notice to the City Engineer of its determination to perform the Bid Items within fourteen (14) calendar days from the date of receipt of the CITY's identification of its lowest responsive and responsible bidder or FRONTIER waives any right to construct the Bid Items.
- c. Payment. FRONTIER shall maintain a contingency amount equal to fifteen percent (15%) of the total estimated costs of the adjustment of the sewer facilities to account for unforeseen changes to the PROJECT. The CITY shall obtain written approval from FRONTIER prior to the approval of any change orders associated with the adjustments of the facilities FRONTIER is financially responsible for and authorize the CONTRACTOR to proceed unless failure to act immediately may affect public safety. The cost of any delay in the work due to the delayed action of FRONTIER in connection with PROJECT construction shall be borne by FRONTIER. FRONTIER shall respond to any PROJECT change orders within fourteen (14) calendar days.

CITY shall make payment to CONTRACTOR for all work performed. Actual costs shall be identified and billed to FRONTIER for payment on the following basis:

The CITY shall invoice FRONTIER using progress payments or upon completion of the PROJECT, at the discretion of the CITY, for all Bid Items that are the financial responsibility of FRONTIER. FRONTIER shall remit payment to the city within thirty (30) days of receipt of the approved invoice.

Section IV. Plans, Permits and Contacts.

- a. Plans and Specifications. FRONTIER acknowledges that it has reviewed and approved all plans and specifications for the adjustments of the sewer facilities as shown on the attached plans and the estimated bid amounts are reasonable.
- b. CEQA. The CITY shall be responsible for obtaining any and all environmental permits and approvals as may be necessary for the PROJECT including, but not limited to,

compliance with requirements imposed under the California Environmental Quality Act ("CEQA") as may be applicable.

c. Agreement Management. Management and administration of the terms expressed herein shall be performed by CITY for the PROJECT. CITY designates **Mr. Jeff Hitch, City Engineer**, as the contact for CITY in regard to this Agreement. FRONTIER designates (**Danielle Samaniego, Frontier Engineer**), as the contact for FRONTIER to facilitate the REIMBURSEMENTS identified herein.

Section V. Inspection. FRONTIER shall be responsible to inspect the construction of all FRONTIER facilities, as shown on Attachment "A" and described in Section II of this Agreement, and the performance of the involved work by CITY's CONTRACTOR for compliance with the approved construction plans and specifications and/or for FRONTIER's own work if such work has been undertaken by FRONTIER pursuant to Section III(b). FRONTIER's inspection personnel shall have the authority to enforce FRONTIER's construction plans and specifications for the PROJECT, which authority shall include the authority to require that any and all unacceptable materials, workmanship, and/or installation be replaced, repaired, or corrected by CITY's CONTRACTOR without cost to FRONTIER.

If FRONTIER undertakes the performance of the PROJECT's Bid items shown in Section II under Total Estimated Project Bid Items From Attachment "A," and if, through the failure of FRONTIER to provide access and control of the construction site within the time allotted by the Project Specifications, the CITY's CONTRACTOR sustains loss which could not have been avoided by the judicious handling of forces and/or equipment, FRONTIER shall be liable for that part of the CITY's CONTRACTOR's actual loss, that was unavoidable in accordance with State of California, Department of Transportation Standard Specifications section 8-1.09, RIGHT-OF-WAY DELAYS.

Section VI. Insurance and Indemnity. For the period during which CITY or its CONTRACTOR(s) controls the job site, CITY will provide, or cause to be provided, for the entire period of construction, a policy of workers' compensation insurance and comprehensive general liability insurance with coverage broad enough to include the contractual obligation it may have under the construction contract and having a combined single limit of liability in the amount of \$2,000,000 covering FRONTIER's officers, employees, and agents as additional insureds.

If FRONTIER undertakes to perform the PROJECT's Bid Items shown in Section II under Total Estimated Project Bid Items from Attachment "A" pursuant to Section III(b), FRONTIER, prior to commencement of the work and for the period during which FRONTIER operates at the job site, will provide, or cause to be provided, for the entire period of construction, a policy of workers' compensation insurance and comprehensive general liability insurance with coverage broad enough to include the contractual obligation it may have under the construction contract and having a combined single limit of liability in the amount of \$1,000,000 per occurrence with a \$5,000,000 aggregate covering the CITY's officials, officers, employees, and agents as additional insureds.

FRONTIER and the CITY each hereby agree to indemnify, defend, and hold harmless the other party and their respective directors, officials, officers, employees and agents from and against any claims, actions, damages and liabilities arising out of or in any manner connected with any act or omission of such indemnifying party, performed in connection with such party's duties and obligations hereunder. This Clause shall survive the termination of this agreement.

Section VII. Notices. All notices under this Agreement shall be sent as follows:

FRONTIER: Frontier Communications

1307 E Citrus Ave, Redlands CA 92374

Attn: Danielle Samaniego

CITY: City of Murrieta

1 Town Square Murrieta, CA 92562

Attn: Jeff Hitch, City Engineer

Either party may change its address for notices by notifying the other party. All notices given at the most recent address specified shall be deemed to have been properly given.

Section VIII. Amendment. This Agreement may only be amended in writing upon the mutual written consent of both parties.

Section IX. Laws, Venue and Attorney's Fees. This Agreement shall be interpreted in accordance with the laws of the State of California. If any action is brought to interpret or enforce any term of this Agreement, the action shall be brought in a state of federal court situated in the County of Riverside, State of California. In the event of any such litigation between the Parties, the prevailing Party shall be entitled to recover all reasonable costs incurred, including reasonable attorney's fees, as determined by the court.

Section X. Interpretation and Headings. This Agreement shall not to be construed against the Party preparing it but shall be construed as if both Parties prepared it. Headings to paragraph/subparagraphs of this Agreement are for convenience purposes only and are not part of this Agreement.

Section XI. Provisions Binding. This Agreement and the Exhibits attached hereto are binding on the heirs, representatives, successors, and assigns of the Parties of this Agreement.

Section XIII. Authority to Sign Agreement. The undersigned individuals hereby warrant and represent that they each have full legal authority to sign this Agreement and bind the

Parties hereto.
This Agreement is effective as of the date set forth above.
FRONTIER:
FRONTIER COMMUNICATIONS
By:
APPROVED AS TO FORM:
Danielle Samaniego (Danielle Samaniego, Engineer)
(Danielle Samaniego, Éngineer)
CITY:
CITY OF MURRIETA
Ву:
Cindy Warren, Mayor
ATTEST:
Cristal McDonald, City Clerk
APPROVED AS TO FORM:
Tiffany Israel, City Attorney

Attachment "A"

City of Murrieta Bid Sheet and Street Rehabilitation Plans for Los Alamos Road, Antelope Road, and Elm Street; CIP 13047

CITY OF MURRIETA, DEPARTMENT OF PUBLIC WORKS/ENGINEERING

BID SHEET

This Bid Sheet defines how the project will be bid and what will constitute the Lowest Bidder. The actual unit prices and total item prices shall be submitted online on the PlanetBids Vendor Portal as defined in the Instructions to Bidders. Should there be a discrepancy between this Bid Sheet and the electronic proposal, the electronic proposal shall govern.

LOS ALAMOS ROAD, ANTELOPE ROAD, AND ELM STREET PAVEMENT REHABILITATION: CIP NO. 13047, CITY PROJECT NO. 23-478

ITEM	DESCRIPTION	ESTIMATED	UNIT	UNIT TOTAL ITEM PRICE PRICE
NO. 1	Mobilization DESCRIPTION	QUANTITY 1	LS	PRICE PRICE
2	Traffic Control System	1	LS	
3	Water Pollution Control	1	LS	UNIT PRICES and
4	Construction Surveying and Staking	1	LS	TOTAL ITEM
5	Changeable Message Signs	5	EA	PRICES shall be
6		1		submitted online at
7	Encroachment Permits	3	LS EA	PlanetBids.com
8	Project Information Sign Furnish/Install Survey Monument per COM std. no. 617B	2	EA	
8	AND 617C	2	EA	
9	Adjust Existing Survey Monument to Grade	1	EA	
10	Double Adjust Storm Drain Manhole	5	EA	
11	Concrete Removal (Curb Ramp, Cross Gutter, Spandrel,	5,997		
	Curb/Gutter, Sidewalk)		SF	
12	Construct Concrete Cross Gutters, Spandrel, Curb, and	2,385		
	Gutter per City Std. 311, 312 & 318		SF	
13	Construct Concrete Access Ramps, City Std. 321	3,077	SF	
14	Construct Concrete Sidewalks, City Std. 320	436	SF	
15	Remove and Dispose of Asphalt Concrete Pavement	9,220		
	(average depth 5.3" Digouts on Antelope Rd.)		SF	
16	Remove and Dispose of Asphalt Concrete Pavement	38,924		
	(average depth 5.75" Digouts on Los Alamos Rd.)		SF	
17	Remove and Dispose of Aggregate Base and Subgrade Prep	4,110		
	(7" depth Base Digout on Elm St.)		SF	
18	Cold Milling Asphalt Concrete Pavement Full Width at	24,139		
	2.375" Depth (Antelope Rd)	1.5.5.5	SY	
19	Cold Milling Asphalt Concrete Pavement Full Width at 4"	13,295		
20	Depth For Use in CCPR (Elm St)	15.405	SY	
20	Cold Milling Asphalt Concrete Pavement Full Width at	17,425	CX.	
21	2.25" Depth (Los Alamos Rd)	6.220	SY	
21	Cold Milling Asphalt Concrete Pavement 6' Header Grind at	6,239	$\mathbf{c}\mathbf{v}$	
22	2" Depth (Los Alamos Rd)	2.462	SY	
22	Remove Existing AC Dike (Ranges from 2" to 6")	3,462	LF	
23	Aggregate Base for Base Digout on Elm St.	94	CY	
24	Install Geotextile Reinforcement (Tensar Triax Geogrid	870	037	
	Type 2 or Approved Equal)		SY]

PROPOSAL P-2 6/24/2025

CITY OF MURRIETA, DEPARTMENT OF PUBLIC WORKS/ENGINEERING

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL IT	
25	ARHM Overlay 2" (Los Alamos Rd, Antelope Rd, Elm St)	8,559	TON		114.02	_
26	ARHM Overlay 2.25" (Los Alamos Rd)	1,456	TON			
27	Install 3/8" ARAM (Antelope Rd)	24,139	SY			
28	CCPR AC Pavement 4" (Elm St)	2,619	TON			
29	CCPR Mix Design, Sampling, and Testing	1	LS			
30	Emulsified Recycling Agent (For use in CCPR)	91	TON			
31	Cement (For Use in CCPR)	26	TON			
32	Asphalt Concrete Pavement for Removal and Replacement		101,			
	of AC (Digouts)	,	TON			
33	Construct 6" AC Dike per City STD. 315	3,462	LF			
34	Furnish/Install Detector Loop	153	EA			
35	Furnish and install #5 pullbox, connect DLC for traffic loops	11	EA			
36	Furnish and install 2" conduit under sidewalk panels or as					
	shown . Connection Type as Shown		LF			
37	Furnish and install 2" conduit under sidewalk panels (jack &	80				
	bore). Connection Type as Shown		LF			
38	Furnish and install DLC. Connect loops to existing traffic	3,337				
	cabinet		LF			
39	Wet Sandblast/Remove Existing Pavement Markings on	1,505				
40	bridge deck	11.774	LF			
40	Pavement Striping Detail 12	11,554	LF			
41	Pavement Striping Detail 22	4,266	LF			
42	Pavement Striping Detail 25	2,218	LF			
43	Pavement Striping Detail 27B	5,446	LF			
44	Pavement Striping Detail 29	9,324	LF			
45	Pavement Striping Detail 32	862	LF			
46	Pavement Striping Detail 37B	688	LF			
47	Pavement Striping Detail 38	5,506	LF			
48	Pavement Striping Detail 39	8,680	LF			
49	Pavement Striping Detail 39A	2,420	LF			
50	Thermoplastic Striping Detail 40	512	LF			
51	Pavement Striping 6" Solid White Lane Line	1,950	LF			
52	Pavement Striping 12" Solid White Diagonals	418	LF			
53	Paint Pavement Striping 6" Solid White Line (Diagonals for bike lane buffer)	543	LF			
54	Painted Bike Lane Symbol with Person Pavement Marking	456				
<i>F. F</i>	and Bike Lane Arrow	400	SF			
55	Thermoplastic Pavement Marking "SIGNAL" and "AHEAD"	400	SF			
56	Thermoplastic Pavement Marking "KEEP" and "CLEAR"	400	SF			
57	Thermoplastic Pavement Marking "STOP"	50	SF			
58	Thermoplastic Pavement Marking (Type IV Arrow)	1,742	SF			
59	Thermoplastic Pavement Marking (Type VII Arrow)	30	SF			
60	Thermoplastic Pavement Marking (Type VI Arrow)	72	SF			

CITY OF MURRIETA, DEPARTMENT OF PUBLIC WORKS/ENGINEERING

Thermoplastic Pavement Marking (Type I Arrow) Thermoplastic Pavement Marking (12" White) Thermoplastic Pavement Marking (12" Yellow) Install Sign Type R3-7® Install Sign Type R7-9(MOD) Install Type Q (CA) Object Markers with White Retroreflective Sheeting 8" Yellow Raised Pavement Markers @2.5' spacing Paint Median Nose Yellow	48 2,493 184 1 4 56	SF SF SF EA EA	PRICE PRICE				
Thermoplastic Pavement Marking (12" White) Thermoplastic Pavement Marking (12" Yellow) Install Sign Type R3-7® Install Sign Type R7-9(MOD) Install Type Q (CA) Object Markers with White Retroreflective Sheeting 8" Yellow Raised Pavement Markers @2.5' spacing	2,493 184 1 4 56	SF SF EA EA					
Thermoplastic Pavement Marking (12" Yellow) Install Sign Type R3-7® Install Sign Type R7-9(MOD) Install Type Q (CA) Object Markers with White Retroreflective Sheeting 8" Yellow Raised Pavement Markers @2.5' spacing	184 1 4 56 180	SF EA EA					
Install Sign Type R3-7® Install Sign Type R7-9(MOD) Install Type Q (CA) Object Markers with White Retroreflective Sheeting 8" Yellow Raised Pavement Markers @2.5' spacing	1 4 56 180	EA EA					
Install Sign Type R7-9(MOD) Install Type Q (CA) Object Markers with White Retroreflective Sheeting 8" Yellow Raised Pavement Markers @2.5' spacing	4 56 180	EA EA					
Install Type Q (CA) Object Markers with White Retroreflective Sheeting 8" Yellow Raised Pavement Markers @2.5' spacing	180						
8" Yellow Raised Pavement Markers @2.5' spacing							
		LF	-				
	120	SF	-				
	10	ΕA					
`			-				
			-				
`			-				
Double Adjust Manhole (SCE)	3	EA					
TOTAL ADDITIVE BID: \$							
TOTAL AMOUNT OF ADDITIVE BID (WORDS):							
SUM OF THE TOTAL BASE BID ITEMS AND ADDITIVE BID ITEMS: \$							
	L AMOUNT OF ADDITIVE BID (WORDS): OF THE TOTAL BASE BID ITEMS AND ADDITIVE BID ITE	Double Adjust Manhole (EMWD) Single Adjust Manhole (EMWD) Double Adjust Manhole (GTE) Single Adjust Manhole (GTE) Single Adjust Manhole (GTE) Double Adjust Manhole (SCE) TOTAL ADDITIVE BID: \$ L AMOUNT OF ADDITIVE BID (WORDS):	Double Adjust Manhole (EMWD) Single Adjust Manhole (EMWD) Double Adjust Manhole (GTE) Single Adjust Manhole (GTE) Single Adjust Manhole (GTE) Double Adjust Manhole (SCE) TOTAL ADDITIVE BID: \$ LAMOUNT OF ADDITIVE BID (WORDS):				

Basis of the bid shall be based upon the sum of the Total Base Bid Items and all Additive Bid Items.

The City reserves the right to reject any or all bids.

The City reserves the right to choose or reject any of the Additive Bid Items.

The unit price or lump sum prices to be paid for the items listed in the Proposal Bid Sheet shall include full compensation for furnishing all labor, materials, tools, and equipment, and doing all work involved in furnishing and installing the materials complete and in place, in accordance with the details as shown on the plans and as specified herein. Any items shown on the plans, but not included in the bid items, shall be considered as appurtenant items. All costs shall be included within the appropriate item of the Contractor's bid.

CITY OF MURRIETA PAVEMENT REHABILITATION IMPROVEMENT PLANS FOR LOS ALAMOS ROAD, ANTELOPE ROAD, AND ELM STREET

CIP NO. 13047, CITY PROJECT NO. 23-478

PERMIT NUMBER 08-25-N-MC-0505 GEOMETRIC AND ABOVE GROUND

STATE REPRESENTATIVE

DATE

SIGNING AND STRIPING GENERAL NOTES:

- 1. THE CONTRACTOR IS REQUIRED TO TAKE ALL DUE PRECAUTIONARY MEASURES FOR THE PROTECTION OF ALL EXISTING IMPROVEMENTS AND UTILITIES, WHETHER OR NOT SHOWN ON THESE PLANS. ANY RESULTING DAMAGE DURING THE PERFORMANCE OF THE WORK SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE GOVERNING AGENCY AT THE CONTRACTOR'S EXPENSE.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEARING OF THE PROPOSED WORK AREA, AND RELOCATION COST OF ALL EXISTING UITILITIES. PERMITTEE MUST INFORM THE CITY OF CONSTRUCTION SCHEDULE AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION. PHONE: (951) 453-0047, MIKE BURRIS.
- 3. TRAFFIC STRIPES, PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS PER CALTRANS STANDARD PLANS AND SPECIFICATIONS, 2018 EDITION.
- 4. ALL STRIPES AND PAVEMENT MARKINGS SHALL BE REFLECTORIZED. ALL SIGNS SHALL BE HIGH INTENSITY PRISMATIC REFLECTORIZED. STENCILS FOR PAVEMENT MARKINGS SHALL MATCH STANDARD STENCILS EXACTLY. ALL STRIPING AND MARKING DETAILS SHALL MATCH CALTRANS STANDARD PLANS DETAILS.
- 5. ALL CONFLICTING STRIPES AND PAVEMENT MARKINGS SHALL BE REMOVED BY WET SANDBLASTING. CONFLICTING SIGNS AND RAISED PAVEMENT MARKERS SHALL BE REMOVED. ALL REMOVALS OF SIGNS AND MARKING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 6. PAINTED TRAFFIC STRIPES AND PAINTED PAVEMENT MARKINGS (IF ALLOWED) SHALL BE APPLIED IN TWO COATS. SECOND COAT SHALL NOT BE APPLIED SOONER THAN 7 DAYS FROM FIRST COAT. PAVEMENT MARKINGS SHALL BE APPLIED IN THERMOPLASTIC FORMAT UNLESS APPROVED OTHERWISE. REPAINT 300' IN EACH DIRECTION OF THE INTERSECTION. CAT TRACK APPROVAL PRIOR TO STRIPING.
- 7. ALL REMOVED SIGNS SHALL BE SALVAGED AND DELIVERED TO THE CITY YARD AS DIRECTED BY THE CITY INSPECTOR.
- 8. RAISED PAVEMENT MARKERS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE STRIPING DETAILS SHOWN ON THE SIGNING AND STRIPING PLAN. INSTALLATION SHALL BE COMPLETE WITHIN SEVEN WORKING DAYS OF ROADWAY STRIPING. RAISED PAVEMENT MARKERS ARE TO BE INSTALLED ON ROADWAYS WITH ARTERIAL CLASSIFICATIONS OR HIGHER, OR AS DETERMINED BY THE CITY ENGINEER.
- 9. STREET NAME SIGNS SHALL CONFORM TO CITY STANDARD NO. 601 AND 601A.
- 10. BLUE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED TO MARK FIRE HYDRANT AND/OR WATER SUPPLY LOCATIONS AT THE DIRECTION OF THE CITY INSPECTOR FOLLOWING FINAL SEALANT AND STRIPING.
- 11. WORK MAY NOT START UNTIL PERMITS HAVE BEEN OBTAINED.
- 12. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS WITH UNDERGROUND SERVICE ALERT AT (800) 227-2600 AT LEAST TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION.
- 13. EQUIPMENT AND MATERIALS SHALL BE STORED IN A NEAT AND PROTECTED MANNER. STORAGE LOCATION WILL BE APPROVED BY CITY INSPECTOR.
- 14. THE CONTRACTOR WILL CONDUCT HIS OPERATIONS AS TO OFFER THE LEAST POSSIBLE OBSTRUCTION AND INCONVENIENCE TO PUBLIC TRAFFIC, AND SHALL HAVE UNDER CONSTRUCTION NO GREATER LENGTH OR AMOUNT OF WORK THAN CAN BE EXECUTED PROPERLY. ON EXISTING ROADS, TRAFFIC SHALL BE PERMITTED TO PASS THROUGH THE WORK AREA WITH AS LITTLE INCONVENIENCE AND DELAY AS POSSIBLE. RESTRICTED HOURS MAY BE REQUIRED.
- 15. EXISTING TRAFFIC SIGNALS AND LIGHTING SYSTEMS SHALL BE KEPT IN OPERATION FOR THE BENEFIT OF THE TRAVELING PUBLIC, AND TO MINIMIZE ANY INTERFERENCE WITH ROUTINE MAINTENANCE OF EXISTING SYSTEMS DURING WORK PROGRESS.
- 16. WHENEVER THE CONTRACTOR'S OPERATION CREATES A HAZARDOUS CONDITION TO TRAFFIC OR TO THE PUBLIC, CONTRACTOR SHALL FURNISH AT THEIR OWN EXPENSE, SUCH FLAGMEN AND GUARDS AS ARE NECESSARY TO GIVE ADEQUATE WARNING TO THE PUBLIC OF ANY DANGEROUS CONDITIONS. THE CONTRACTOR SHALL ALSO FURNISH, ERECT AND MAINTAIN SUCH FENCES, BARRICADES, LIGHTS, SIGNS, AND OTHER DEVICES NÉCESSARY TO PREVENT ACCIDENTS AND
- 17. WHERE SURVEY MONUMENTS EXIST, SUCH MONUMENTS SHALL BE PROTECTED OR SHALL BE REFERENCED AND RESET, PURSUANT TO BUSINESS AND PROFESSIONS CODE, SECTIONS 8700 TO 8805 (LAND SURVEYOR'S ACT).
- 18. ALL EXISTING STREET SIGNS, ROADSIDE MARKERS, ETC. SHALL BE PROTECTED AND/OR REPLACED IN KIND TO THE CURRENT CITY STANDARD PLANS AND CURRENT CALIFORNIA MUTCD, AT NO COST TO THE CITY.
- 19. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES, INCLUDING ANY OTHER LINES NOT SHOWN ON THESE PLANS OR NOT OF
- 20. IT SHALL BE THE RESPONSIBILTY OF THE CONTRACTOR TO APPLY TO THE CITY OF MURRIETA ENGINEERING DEPARTMENT, FOR AN ENCROACHMENT PERMIT FOR ALL WORK ON EXISTING CITY MAINTAINED ROADS AND FOR UTILITY WORK WITHIN OFFERS OF DEDICATION FOR PUBLIC USE.
- 21. ANY SERVICE SHUT DOWN SHALL BE DONE AT NIGHT. PRIOR TO ANY SHUT DOWN, THE CONTRACTOR SHALL NOTIFY THE DIRECTOR, ENGINEER, CUSTOMER, FIRE DEPARTMENT, SERVICING WATER DISTRICT, AND ALL OTHERS AFFECTED BY THE SHUT DOWN A MINIMUM OF TWO (2) WEEKS IN ADVANCE.

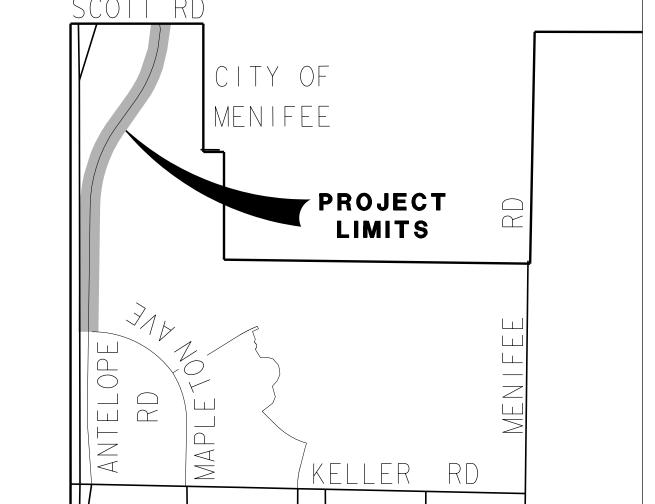
LOCATION OF UTILITIES

The existence and approximate location of any underground utilities or structures shown on these plans are obtained by a search of available records. To the best of our knowledge, there are no existing utilities or structures except as shown on these plans. The engineer assumes no liability as to the exact location of said lines nor for utilities or irrigation lines whose locations are not shown. The contractor shall be responsible for notifying all utility and irrigation companies prior to work excavation.

NOTICE TO CONTRACTORS

All contractors and subcontractors performing work shown or related to these plans shall conduct their operations so that employees are provided a safe place to work and the public is protected. All contractors and subcontractors shall comply with the "Occupational Safety and Health Regulations" of the U.S. Department of Labor, and with the State of California Department of Industrial Relations' "Construction Safety Orders." The civil engineer shall not be responsible in any way for the contractor's or subcontractor's compliance with said regulations and orders. Contractor further agrees that he shall assume sole complete responsibility for the job site condition during the course of construction of this project, including safety of all persons and property. This requirement shall apply continuously and not be limited to normal working hours.





Underground Service Alert BENCH MARK

Call: TOLL FREE

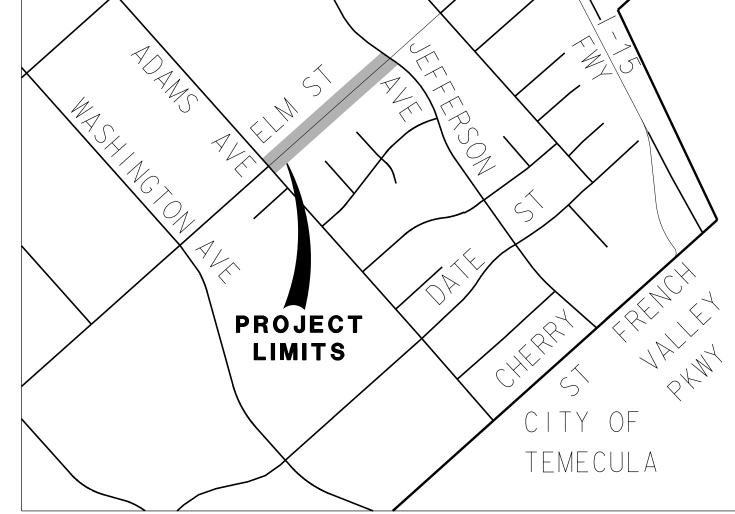
1-800-422-4133

TWO WORKING DAYS BEFORE YOU DIG | ELEVATION:

DESCRIPTION:

LOCATION:

RECORDED:



SIGNING AND STRIPING GENERAL NOTES CONTINUED:

- 22. ALL STATIONING REFERS TO CENTERLINE OF CONSTRUCTION UNLESS OTHERWISE NOTED.
- 23. CONTRACTOR SHALL MAINTAIN TRAFFIC CONTROL IN ACCORDANCE WITH CALTRANS STANDARD PLANS T10 THROUGH T17, LATEST EDITION, AND THE 2014 CALIFORNIA MUTCD AND/OR THE LATEST EDITION OF THE WATCHBOOK MANUAL. IF REQUIRED BY THE ENGINEER, CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY CITY ENGINEER OR HIS REPRESENTATIVE PRIOR TO START OF WORK.
- 24. ALL MEDIAN NOSES SHALL BE PAINTED YELLOW.

NOTE:

WATER AND GAS VALVE CANS AND MANHOLE COVERS SHOWN ARE PER UTILITY FACILITY MAPS. NOT ALL CANS AND COVERS MAY BE SHOWN. CONTRACTOR SHALL LOCATE AND TIE OUT ALL CANS AND COVERS PRIOR TO ANY REHABILITATION WORK. WATER AND GAS VALVE CANS SHALL BE ADJUSTED TO GRADE AFTER WORK IS COMPLETED. SHOULD A WATER OR GAS CAN BE IN POOR CONDITION, CONTRACTOR TO COORDINATE WITH RESPECTIVE UTILITY COMPANY AND INSTALL NEW VALVE CAN PROVIDED BY UTILITY. STORM DRAIN MANHOLES SHALL BE ADJUSTED TO GRADE.

NOTE:

CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ENCROACHMENT PERMITS FROM THE FOLLOWING JURISDICTIONS/AGENCIES:

- CITY OF MURRIETA
- CITY OF MENIFEE (ANTELOPE RD.)

- CALTRANS DOUBLE PERMIT (LOS ALAMOS RD.)

INDEX TO SHEETS

SHEET NO DESCRIPTION

TITLE SHEET

DETAIL SHEET

PAVING PLANS LOS ALAMOS ROAD

PAVING PLANS ANTELOPE ROAD

PAVING PLANS ELM STREET

SIGNING AND STRIPING PLANS LOS ALAMOS ROAD

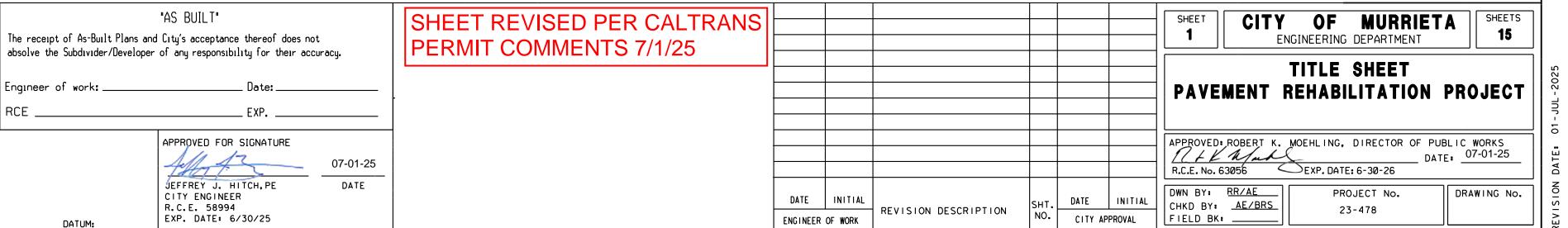
SIGNING AND STRIPING PLANS ANTELOPE ROAD SIGNING AND STRIPING PLANS ELM STREET

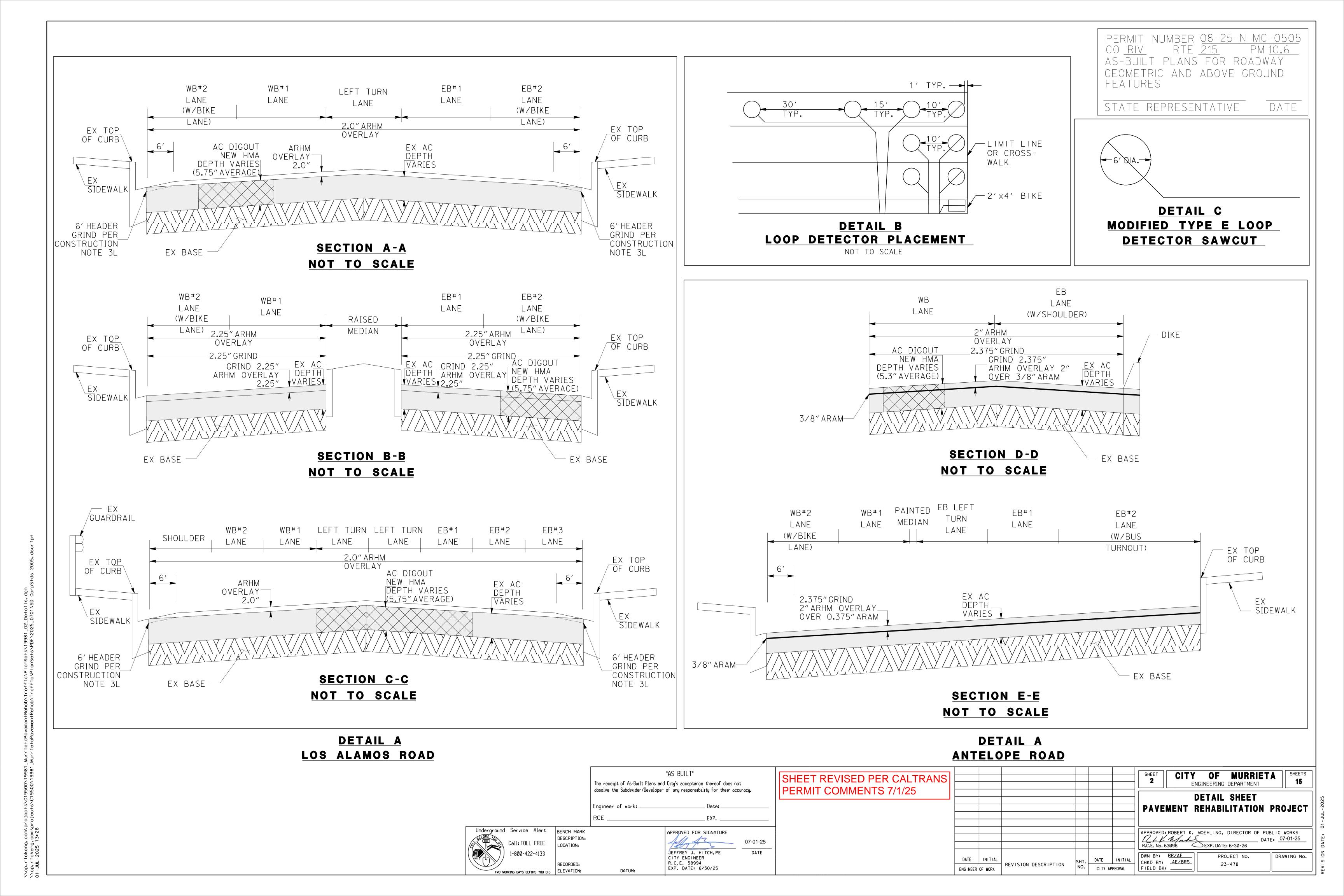
"DECLARATION OF RESPONSIBLE CHARGE"

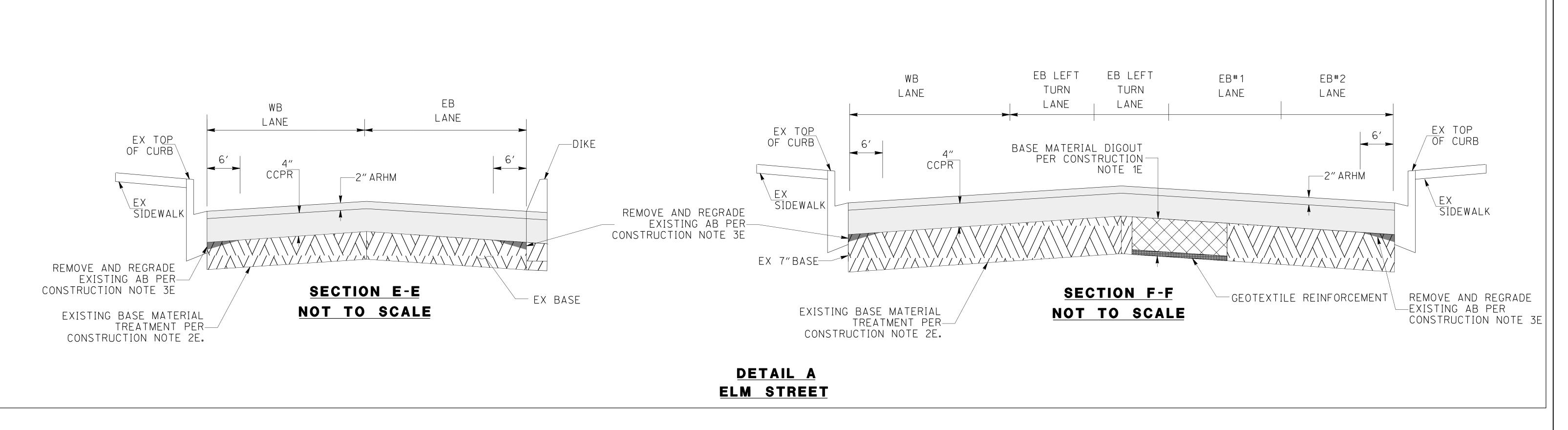
I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE. AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS. I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATION BY THE CITY OF MURRIETA IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

CITY OF MURRIETA 1 TOWN SQUARE MURRIETA, CA 92562 PHONE NO.: (951) 461-6076

07-01-25 JEFFREY J. HITCH DATE R.C.E NO. 58994







CONSTRUCTION NOTES:

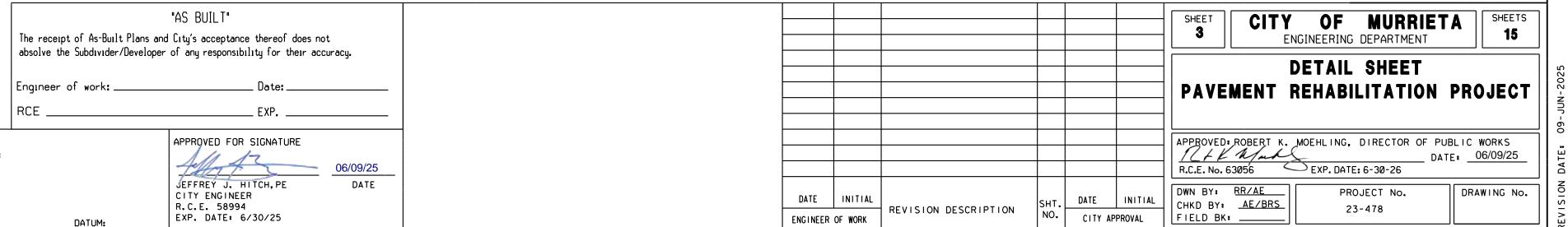
- (1A) REMOVE AND REPLACE EXISTING AC DOWN TO AGGREGATE BASE, FULL DEPTH AC REMOVAL (AVERAGE 5.3") ON ANTELOPE ROAD. MOISTURE CONDITION AND RECOMPACT AB TO 95%. SHOULD COMPACTION TESTING INDICATE LESS THAN 95% COMPACTION, BASE GRADE MATERIALS SHOULD BE SCARIFIED TO A DEPTH OF AT LEAST 6". MOISTURE CONDITIONED AS NECESSARY AND COMPACTED TO 95%. IF SATURATED OR YIELDING SUBGRADE MATERIALS ARE ENCOUNTERED DURING DIG OUT REMOVALS, THE CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS INSPECTOR FOR DETERMINATION IN USING A OF ADDITIONAL REMEDIAL REMOVAL.GEOGRID REINFORCEMENT SHALL BE PLACED UNDERNEATH A MINIMUM OF 6 "OF NEW BASE (BASE PER CITY OF
- GEOGRID. SHOULD COMPACTION TESTING INDICATE LESS THAN 95% COMPACTION, BASE GRADE MATERIALS SHOULD BE SCARIFIED TO A DEPTH OF AT LEAST 6%, MOISTURE CONDITIONED AS NECESSARY AND COMPACTED TO 95%.
- REMOVE AND REPLACE EXISTING AC DOWN TO AGGREGATE BASE, FULL DEPTH AC REMOVAL (APPROXIMATELY 5.75") ON LOS ALAMOS ROAD. MOISTURE CONDITION AND RECOMPACT AB TO 95%. SHOULD COMPACTION TESTING INDICATE LESS THAN 95% COMPACTION, BASE GRADE MATERIALS SHOULD BE SCARIFIED TO A DEPTH OF AT LEAST 6", MOISTURE CONDITIONED AS NECESSARY AND COMPACTED TO 95%. IF SATURATED OR YIELDING SUBGRADE MATERIALS ARE ENCOUNTERED DURING DIG OUT REMOVALS, THE CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS INSPECTOR FOR DETERMINATION IN USING A GEOGRID REINFORCMENT (TENSAR TRIAX GEOGRID TYPE 2 OR EQUIVALENT) TO BRIDGE ANY SATURATED OR YIELDING SUBGRADE MATERIALS IN LIEU OF ADDITIONAL REMEDIAL REMOVAL. GEOGRID REINFORCEMENT SHALL BE PLACED UNDERNEATH A MINIMUM OF 6 "OF NEW BASE (BASE PER CITY OF MURRIETA STANDARDS) NOTE: AC THICKNESS VARIES BETWEEN 4.25" AND 7.5" PER PAVEMENT EVALUATION REPORT.
- (2A) 2" ARHM OVERLAY OVER 3/8" ARAM MIDLAYER.
- (E) INSTALL 2" ARHM OVER 4" CCPR. EXISTING AB SHALL BE MOISTURE CONDITIONED AND RECOMPACTED TO 95% PRIOR TO PLACEMENT OF NEW CCPR AND ARHM.
- (2L) 2"ARHM OVERLAY FROM LINCOLN AVE. TO HANCOCK AVE. 2.25" ARHM OVERLAY FROM HANCOCK AVE. TO WESTERN BRIDGE ABUTMENT AT I-215 INTERCHANGE. 2"ARHM OVERLAY FROM EASTERN BRIDGE ABUTMENT AT I-215 INTERCHANGE TO WHITEWOOD ROAD.
- (3A) COLD PLANE FULL WIDTH ROADWAY AT 2.375" DEPTH. SIGNIFICANT LONGITUDINAL AND TRANSVERSE CRACKS OR HOLES 1/4" OR LARGER SHALL BE CLEANED, REPAIRED, AND FILLED. FILL MATERIAL SHALL BE APPROVED BY CITY PER THE SPECIFICATIONS. EXISTING CRACKS SMALLER THAN 1/4" SHALL BE CLEANED OF VEGETATION ONLY.
- (3F) COLD PLANE EXISTING AC FULL WIDTH AND DEPTH (APPROXIMATELY 4"DEPTH PER PAVEMENT EVALUATION REPORT) DOWN TO AB. REMOVE AND REGRADE EXISTING AB 6'FROM LIP OF GUTTER OR AC DIKE AT 2"DEPTH PRIOR TO PLACEMENT OF CCPR.
- (31) COLD PLANE 6' FROM LIP OF GUTTER AT 2"DEPTH (HEADER GRIND) FROM LINCOLN AVE. TO HANCOCK AVE. COLD PLANE FULL WIDTH ROADWAY AT 2.25" FROM HANCOCK AVE. TO WESTERN BRIDGE ABUTMENT AT I-215 INTERCHANGE. COLD PLABE 6'FROM LIP OF GUTTER AT 2"DEPTH (HEADER GRIND) FROM EASTERN BRIDGE ABUTMENT AT I-215 INTERCHANGE TO WHITEWOOD ROAD. CONTRACTOR SHALL GRIND THROUGH AND REMOVE EXISTING PAVEMENT FABRIC IF ENCOUNTERED. SIGNIFICANT LONGITUDINAL AND TRANSVERSE CRACKS OR HOLES 1/4"OR LARGER SHALL BE CLEANED, REPAIRED, AND FILLED. FILL MATERIAL SHALL BE APPROVED BY CITY PER THE SPECIFICATIONS. EXISTING CRACKS SMALLER THAN 1/4"SHALL BE CLEANED OF VEGETATION ONLY.
- (4) ADJUST WATER OR GAS VALVE CAN TO GRADE AS NEEDED.
- (5) DOUBLE ADJUST EXISTING SEWER MANHOLE/DRY UTILITY TO GRADE. SEWER MANHOLE ADJUSTMENTS PER EMWD STD DWG SB-53 & SB-61
- (6) REPLACE LOOP DETECTORS PER DETAILS B AND C ON SHEET 2.
- (7) LOCATE AND TIE OUT EXISTING NAIL/MARKER. INSTALL NEW STREET CENTERLINE INTERSECTION MONUMENT PER COM. STD. NO 617B AND 617C.
- (8) DOUBLE ADJUST EXISTING STORM DRAIN MANHOLE TO GRADE.
- (9) PROTECT IN PLACE.
- (10) PRIOR TO INSTALLATION OF LOOPS, CONTRACTOR TO COORDINATE WITH CITY INSPECTOR FOR LAYOUT/PLACEMENT OF LOOPS.
- (11) FURNISH AND INSTALL #5 PULLBOX, CONDUIT AND LOOP STUB-OUT, NEW SIDEWALK PANEL, AND LOOP WIRING AS SHOWN. REMOVE EXISTING DLC, AND FURNISH AND INSTALL NEW DLC, AS SHOWN, FROM ADVANCE LOOPS TO CONTROLLER CABINET. WHERE ADVANCE LOOP DISTANCE IS BEING REDUCED, PULL BACK EXCESS DLC WIRE TO LOCATION OF NEW PULL BOX. RESTORE ANY CONCRETE/SIDEWALK PANELS IN KIND.
- (11A) FURNISH AND INSTALL #5 PULLBOX, CONDUIT AND LOOP STUB-IN, NEW SIDEWALK PANEL, AND LOOP WIRING AS SHOWN. REMOVE EXISTING DLC, AND FURNISH AND INSTALL NEW DLC, AS SHOWN, FROM ADVANCE LOOPS TO CONTROLLER CABINET. RESTORE ANY CONCRETE/SIDEWALK PANELS IN KIND. CONDUIT TO BE INSTALLED VIA JACK AND BORE

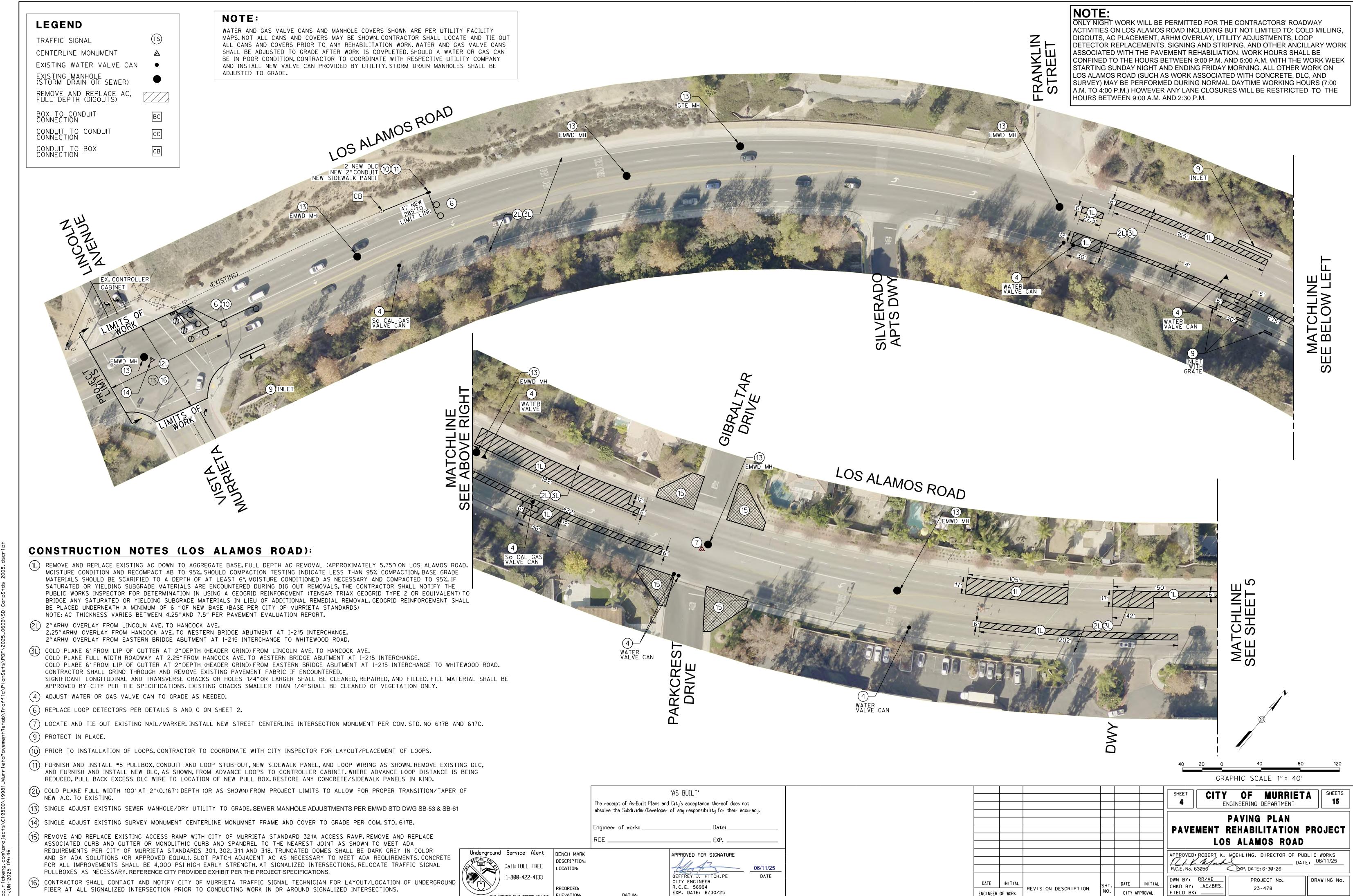
CONSTRUCTION NOTES (CONTINUED):

- COLD PLANE FULL WIDTH 100' AT 2"(0.167') DEPTH (OR AS SHOWN) FROM PROJECT LIMITS TO ALLOW FOR PROPER TRANSITION/TAPER OF NEW A.C. TO EXISTING.
- (13) SINGLE ADJUST EXISTING SEWER MANHOLE/DRY UTILITY TO GRADE. SEWER MANHOLE ADJUSTMENTS PER EMWD STD DWG SB-53 & SB-61
- (14) SINGLE ADJUST EXISTING SURVEY MONUMENT CENTERLINE MONUMNET FRAME AND COVER TO GRADE PER COM. STD. 617B.

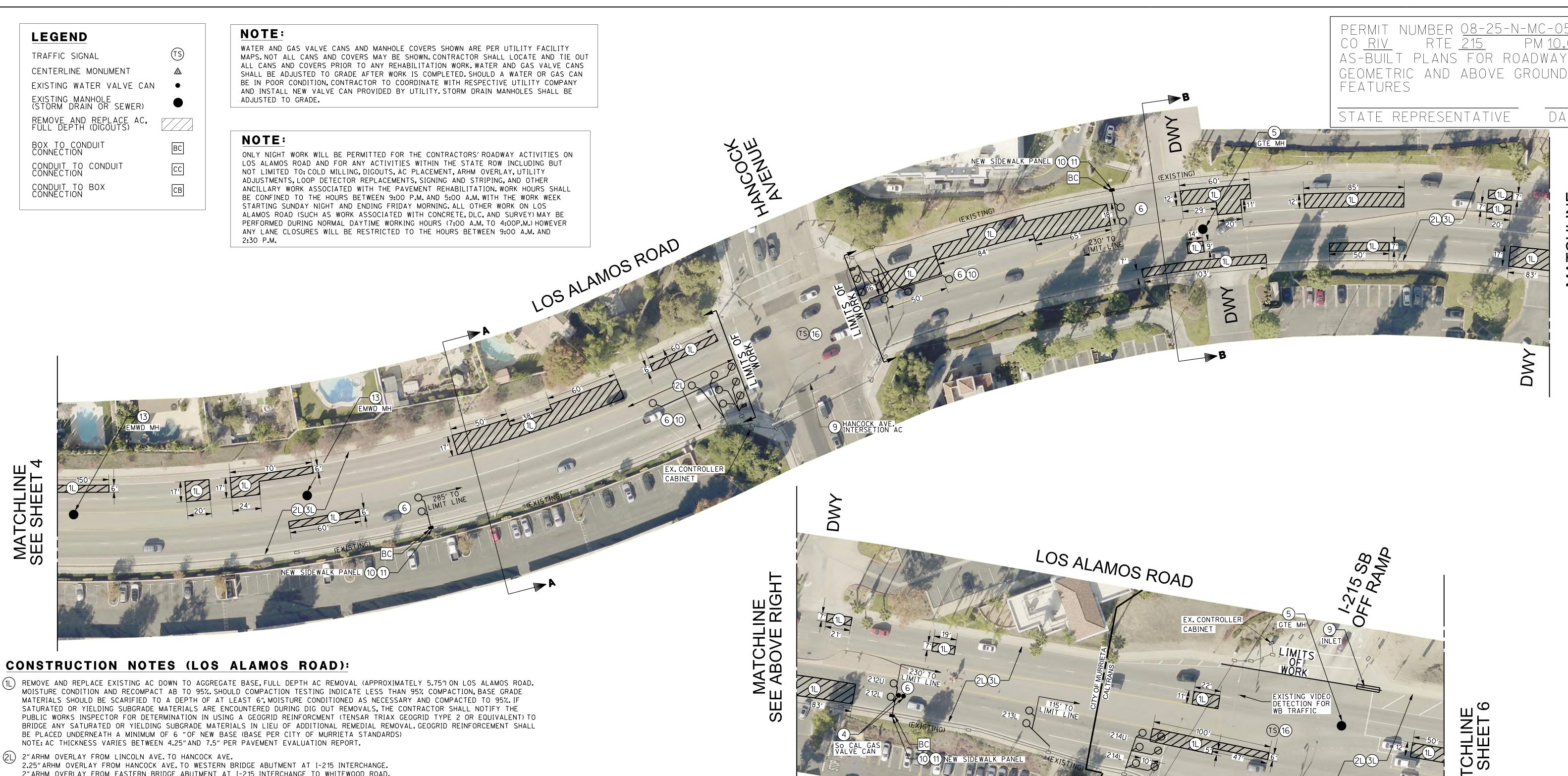
FIBER AT ALL SIGNALIZED INTERSECTION PRIOR TO CONDUCTING WORK IN OR AROUND SIGNALIZED INTERSECTIONS.

- 15) REMOVE AND REPLACE EXISTING ACCESS RAMP WITH CITY OF MURRIETA STANDARD 321A ACCESS RAMP. REMOVE AND REPLACE ASSOCIATED CURB AND GUTTER OR MONOLITHIC CURB AND SPANDREL TO THE NEAREST JOINT AS SHOWN TO MEET ADA AND BY ADA SOLUTIONS (OR APPROVED EQUAL). SLOT PATCH ADJACENT AC AS NECESSARY TO MEET ADA REQUIREMENTS. CONCRETE FOR ALL IMPROVEMENTS SHALL BE 4,000 PSI HIGH EARLY STRENGTH. AT SIGNALIZED INTERSECTIONS, RELOCATE TRAFFIC SIGNAL PULLBOXES AS NECESSARY. REFERENCE CITY PROVIDED EXHIBIT PER THE PROJECT SPECIFICATIONS.
- (16) CONTRACTOR SHALL CONTACT AND NOTIFY CITY OF MURRIETA TRAFFIC SIGNAL TECHNICIAN FOR LAYOUT/LOCATION OF UNDERGROUND
- (17) GRIND/TAPER OVERLAY 100'FROM BRIDGE ABUTMENT TO ULTIMATE FINISH SURFACE OF ROADWAY FULL WIDTH AT 2.25"DEPTH AS NECESSARY TO ACHIEVE A PROPER FLUSH/SMOOTH TRANSITION FROM BRIDGE DECK TO NEW AC FINISHED SURFACE.
- (18) WET SANDBLAST/REMOVE EXISTING PAVEMENT MARKINGS/STRIPING ON BRIDGE DECK.
- (19) GRIND OUT EXISTING AC DIKE (EXISTING DIKE RANGES FROM 6"TO 2"). RECONSTRUCT 6"AC DIKE PER CITY OF MURRIETA STD. 315.





TWO WORKING DAYS BEFORE YOU DIG | ELEVATION:



- 2"ARHM OVERLAY FROM EASTERN BRIDGE ABUTMENT AT I-215 INTERCHANGE TO WHITEWOOD ROAD.
- (3L) COLD PLANE 6' FROM LIP OF GUTTER AT 2"DEPTH (HEADER GRIND) FROM LINCOLN AVE. TO HANCOCK AVE. COLD PLANE FULL WIDTH ROADWAY AT 2.25" FROM HANCOCK AVE. TO WESTERN BRIDGE ABUTMENT AT I-215 INTERCHANGE. COLD PLABE 6' FROM LIP OF GUTTER AT 2"DEPTH (HEADER GRIND) FROM EASTERN BRIDGE ABUTMENT AT I-215 INTERCHANGE TO WHITEWOOD ROAD. CONTRACTOR SHALL GRIND THROUGH AND REMOVE EXISTING PAVEMENT FABRIC IF ENCOUNTERED. SIGNIFICANT LONGITUDINAL AND TRANSVERSE CRACKS OR HOLES 1/4" OR LARGER SHALL BE CLEANED, REPAIRED, AND FILLED. FILL MATERIAL SHALL BE APPROVED BY CITY PER THE SPECIFICATIONS. EXISTING CRACKS SMALLER THAN 1/4"SHALL BE CLEANED OF VEGETATION ONLY.
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- (5) DOUBLE ADJUST EXISTING SEWER MANHOLE/DRY UTILITY TO GRADE. SEWER MANHOLE ADJUSTMENTS PER EMWD STD DWG SB-53 & SB-61.
- (6) REPLACE LOOP DETECTORS PER DETAILS B AND C ON SHEET 2.
- (9) PROTECT IN PLACE.
- (10) PRIOR TO INSTALLATION OF LOOPS, CONTRACTOR TO COORDINATE WITH CITY INSPECTOR FOR LAYOUT/PLACEMENT OF LOOPS.
- (11) FURNISH AND INSTALL #5 PULLBOX, CONDUIT AND LOOP STUB-OUT, NEW SIDEWALK PANEL, AND LOOP WIRING AS SHOWN. REMOVE EXISTING DLC, AND FURNISH AND INSTALL NEW DLC, AS SHOWN, FROM ADVANCE LOOPS TO CONTROLLER CABINET. WHERE ADVANCE LOOP DISTANCE IS BEING REDUCED, PULL BACK EXCESS DLC WIRE TO LOCATION OF NEW PULL BOX. RESTORE ANY CONCRETE/SIDEWALK PANELS IN KIND.
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		"AS BUILT"			
	The receipt of As-Built Plans and City's acceptance thereof does not absolve the Subdivider/Developer of any responsibility for their accuracy.				
	Engineer of work:	Date:			
	RCE	EXP			
CH MARK CRIPTION: ATION:	1	APPROVED FOR SIGNATURE 07-01-25			

GRAPHIC SCALE 1" = 40' CITY OF MURRIETA SHEET REVISED PER CALTRANS ENGINEERING DEPARTMENT PERMIT COMMENTS 7/1/25 PAVING PLAN PAVEMENT REHABILITATION PROJECT LOS ALAMOS ROAD RXK Want R.C.E. No. 63056 EXP. DATE: 6-30-26 DWN BY: RR/AE DRAWING No. PROJECT No. DATE INITIAL CHKD BY: <u>AE/BRS</u> 23-478 REVISION DESCRIPTION FIELD BK: ____

Underground Service Alert

Call: TOLL FREE

RECORDED: WO WORKING DAYS BEFORE YOU DIG | ELEVATION:

JEFFREY J. HITCH, PE CITY ENGINEER R.C.E. 58994 EXP. DATE: 6/30/25

NUMBER 08-25-N-MC-0505

CHLINE SHEET 6

MAT SEE

DATE

MATCHLINE SEE BELOW LE

LEGEND TRAFFIC SIGNAL

CENTERLINE MONUMENT

EXISTING WATER VALVE CAN EXISTING MANHOLE (STORM DRAIN OR SEWER)

(TS)

СС

BOX TO CONDUIT CONNECTION

CONDUIT TO BOX CONNECTION

NOTE:

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NOTE:

ONLY NIGHT WORK WILL BE PERMITTED FOR THE CONTRACTORS' ROADWAY ACTIVITIES ON LOS ALAMOS ROAD AND FOR ANY ACTIVITIES WITHIN THE STATE ROW INCLUDING BUT NOT LIMITED TO: COLD MILLING, DIGOUTS, AC PLACEMENT, ARHM OVERLAY, UTILITY ADJUSTMENTS, LOOP DETECTOR REPLACEMENTS, SIGNING AND STRIPING, AND OTHER ANCILLARY WORK ASSOCIATED WITH THE PAVEMENT REHABILITATION. WORK HOURS SHALL BE CONFINED TO THE HOURS BETWEEN 9:00 P.M. AND 5:00 A.M. WITH THE WORK WEEK STARTING SUNDAY NIGHT AND ENDING FRIDAY MORNING. ALL OTHER WORK ON LOS ALAMOS ROAD (SUCH AS WORK ASSOCIATED WITH CONCRETE, DLC, AND SURVEY) MAY BE PERFORMED DURING NORMAL DAYTIME WORKING HOURS (7:00 A.M. TO 4:00P.M.) HOWEVER ANY LANE CLOSURES WILL BE RESTRICTED TO THE HOURS BETWEEN 9:00 A.M. AND 2:30 P.M.

EX. CONTROLLER

CABINET

Underground Service Alert

BENCH MARK

RECORDED:

O WORKING DAYS BEFORE YOU DIG | ELEVATION:

DESCRIPTION:

CONSTRUCTION NOTES (LOS ALAMOS ROAD):

- (1L) REMOVE AND REPLACE EXISTING AC DOWN TO AGGREGATE BASE, FULL DEPTH AC REMOVAL (APPROXIMATELY 5.75") ON LOS ALAMOS ROAD. MOISTURE CONDITION AND RECOMPACT AB TO 95%. SHOULD COMPACTION TESTING INDICATE LESS THAN 95% COMPACTION, BASE GRADE MATERIALS SHOULD BE SCARIFIED TO A DEPTH OF AT LEAST 6", MOISTURE CONDITIONED AS NECESSARY AND COMPACTED TO 95%. IF SATURATED OR YIELDING SUBGRADE MATERIALS ARE ENCOUNTERED DURING DIG OUT REMOVALS, THE CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS INSPECTOR FOR DETERMINATION IN USING A GEOGRID REINFORCMENT (TENSAR TRIAX GEOGRID TYPE 2 OR EQUIVALENT) TO BRIDGE ANY SATURATED OR YIELDING SUBGRADE MATERIALS IN LIEU OF ADDITIONAL REMEDIAL REMOVAL. GEOGRID REINFORCEMENT SHALL BE PLACED UNDERNEATH A MINIMUM OF 6 "OF NEW BASE (BASE PER CITY OF MURRIETA STANDARDS) NOTE: AC THICKNESS VARIES BETWEEN 4.25" AND 7.5" PER PAVEMENT EVALUATION REPORT.
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- (6) REPLACE LOOP DETECTORS PER DETAILS B AND C ON SHEET 2.
- (9) PROTECT IN PLACE.

NUMBER <u>08</u>-25-N-MC-0505 AS-BUILT PLANS FOR ROADWAY GEOMETRIC AND ABOVE GROUND FEATURES

STATE REPRESENTATIVE

(21) COLD PLANE FULL WIDTH 100' AT 2"(0.167') DEPTH (OR AS SHOWN) FROM PROJECT LIMITS TO ALLOW FOR PROPER TRANSITION/TAPER OF NEW A.C. TO EXISTING.

DATE

(13) SINGLE ADJUST EXISTING SEWER MANHOLE/DRY UTILITY TO GRADE. SEWER MANHOLE ADJUSTMENTS PER EMWD STD DWG SB-53 & SB-61.

(16) CONTRACTOR SHALL CONTACT AND NOTIFY CITY OF MURRIETA TRAFFIC SIGNAL TECHNICIAN FOR LAYOUT/LOCATION OF UNDERGROUND FIBER AT ALL SIGNALIZED INTERSECTION PRIOR TO CONDUCTING WORK IN OR AROUND SIGNALIZED INTERSECTIONS.

(17) GRIND/TAPER OVERLAY 100' FROM BRIDGE ABUTMENT TO ULTIMATE FINISH SURFACE OF ROADWAY FULL WIDTH AT 2.25" DEPTH AS NECESSARY TO ACHIEVE A PROPER FLUSH/SMOOTH TRANSITION FROM BRIDGE DECK

LOS ALAMOS ROAD

PROJECT No.

23-478

DRAWING No.

EXP. DATE: 6-30-26

R.C.E. No. 63056

DATE

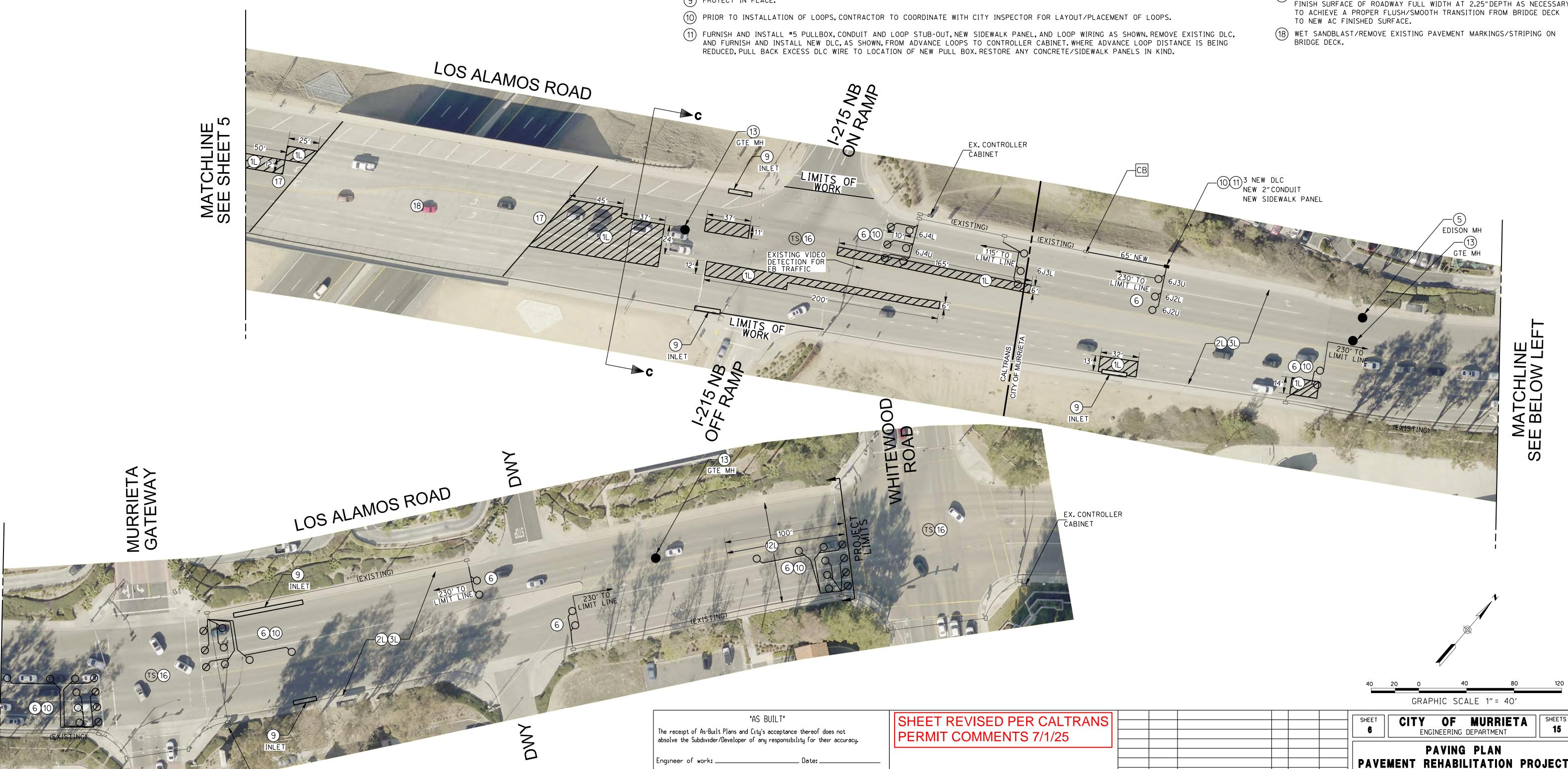
REVISION DESCRIPTION

ENGINEER OF WORK

INITIAL

DWN BY: RR/AE

CHKD BY: AE/BRS FIELD BK:



APPROVED FOR SIGNATURE

JEFFREY J. HITCH, PE

CITY ENGINEER

EXP. DATE: 6/30/25

R.C.E. 58994

EXISTING MANHOLE (STORM DRAIN OR SEWER) REMOVE AND REPLACE AC, FULL DEPTH (DIGOUTS)

BOX TO CONDUIT CONNECTION СС

ABANDON CONDUIT, REMOVE CONDUCTORS

NOTE:

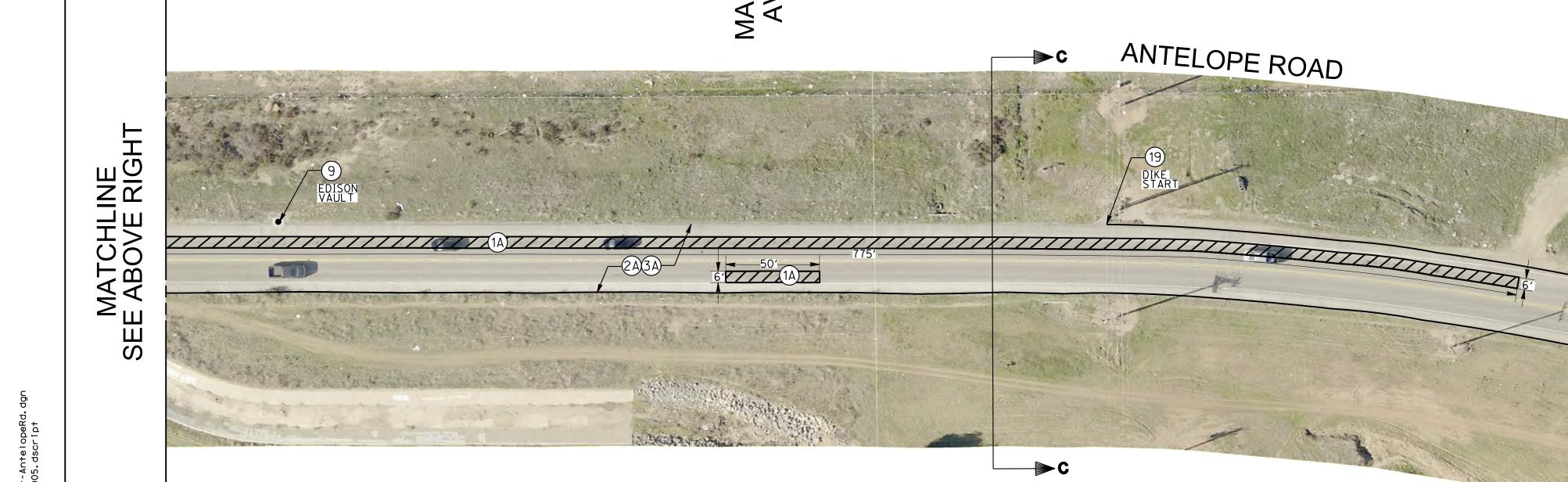
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ANTELOPE ROAD



EMWD MH

MATCHLINE E BELOW LEF



CONSTRUCTION NOTES (ANTELOPE ROAD):

- REMOVE AND REPLACE EXISTING AC DOWN TO AGGREGATE BASE, FULL DEPTH AC REMOVAL (AVERAGE 5.3") ON ANTELOPE ROAD, MOISTURE CONDITION AND RECOMPACT AB TO 95%. SHOULD COMPACTION TESTING INDICATE LESS THAN 95% COMPACTION, BASE GRADE MATERIALS SHOULD BE SCARIFIED TO A DEPTH OF AT LEAST 6", MOISTURE CONDITIONED AS NECESSARY AND COMPACTED TO 95%. IF SATURATED OR YIELDING SUBGRADE MATERIALS ARE ENCOUNTERED DURING DIG OUT REMOVALS, THE CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS INSPECTOR FOR DETERMINATION IN USING A GEOGRID REINFORCMENT (TENSAR TRIAX GEOGRID TYPE 2 OR EQUIVALENT) TO BRIDGE ANY SATURATED OR YIELDING SUBGRADE MATERIALS IN LIEU OF ADDITIONAL REMEDIAL REMOVAL.GEOGRID REINFORCEMENT SHALL BE PLACED UNDERNEATH A MINIMUM OF 6 "OF NEW BASE (BASE PER CITY OF MURRIETA STANDARDS).NOTE: AC THICKNESS VARIES BETWEEN 4"AND 7" PER PAVEMENT EVALUATION REPORT.
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- 5 DOUBLE ADJUST EXISTING SEWER MANHOLE/DRY UTILITY TO GRADE. SEWER MANHOLE ADJUSTMENTS PER EMWD STD DWG SB-53 & SB-61.
- (6) REPLACE LOOP DETECTORS PER DETAILS B AND C ON SHEET 2.
- 9 PROTECT IN PLACE.
- (10) PRIOR TO INSTALLATION OF LOOPS, CONTRACTOR TO COORDINATE WITH CITY INSPECTOR FOR LAYOUT/PLACEMENT OF LOOPS.
- CONTRACTOR SHALL CONTACT AND NOTIFY CITY OF MURRIETA TRAFFIC SIGNAL TECHNICIAN FOR LAYOUT/LOCATION OF UNDERGROUND FIBER AT ALL SIGNALIZED INTERSECTION PRIOR TO CONDUCTING WORK IN OR AROUND SIGNALIZED INTERSECTIONS.
- (19) GRIND OUT EXISTING AC DIKE (EXISTING DIKE RANGES FROM 6"TO 2"). RECONSTRUCT 6"AC DIKE PER CITY OF MURRIETA STD. 315.

"AS BUILT" The receipt of As-Built Plans and City's acceptance thereof does not absolve the Subdivider/Developer of any responsibility for their accuracy. Underground Service Alert | BENCH MARK APPROVED FOR SIGNATURE DESCRIPTION: 06/09/25 JEFFREY J. HITCH, PE CITY ENGINEER R.C.E. 58994

CITY OF MURRIETA ENGINEERING DEPARTMENT PAVING PLAN PAVEMENT REHABILITATION PROJECT ANTELOPE ROAD RXK Wands

GRAPHIC SCALE 1" = 40'

R.C.E. No. 63056 EXP. DATE: 6-30-26 DWN BY: RR/AE PROJECT No. DRAWING No. CHKD BY: <u>AE/BRS</u> 23-478 FIELD BK: ____

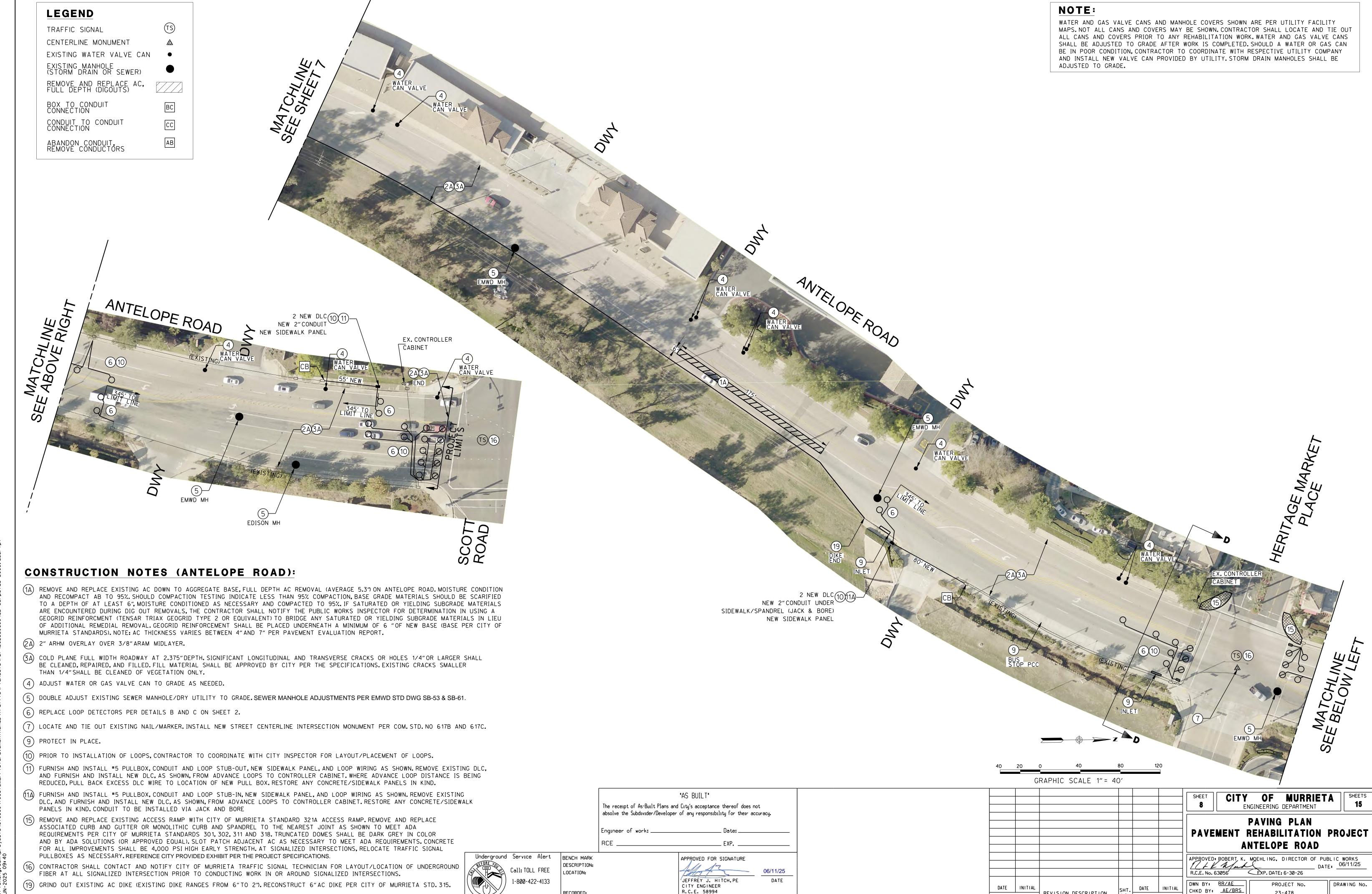
DATE

REVISION DESCRIPTION

ENGINEER OF WORK

INITIAL

RECORDED: WO WORKING DAYS BEFORE YOU DIG | ELEVATION: EXP. DATE: 6/30/25



R.C.E. 58994

EXP. DATE: 6/30/25

RECORDED:

TWO WORKING DAYS BEFORE YOU DIG ELEVATION:

23-478

FIELD BK: ____

REVISION DESCRIPTION

ENGINEER OF WORK

EXISTING WATER VALVE CAN EXISTING MANHOLE (STORM DRAIN OR SEWER)

REMOVE AND REPLACE AB, PER NOTE (1E)

СС

AB

ABANDON CONDUIT, REMOVE CONDUCTORS

NOTE:

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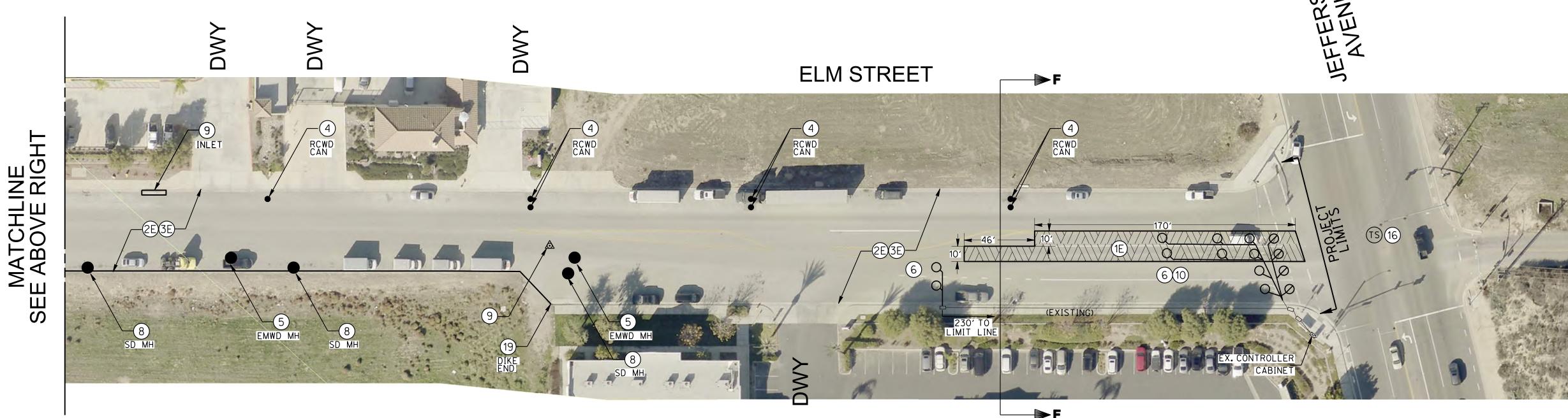
NOTE:

CCPR PLANT WILL BE PERMITTED TO BE SET UP AND OPERATED AT THE CITY OF MURRIETA PUBLIC WORKS YARD LOCATED OFF OF FIG STREET (APPROXIMATELY 1/2 MILE FROM ELM STREET).

NOTE:

CCPR SPECIALTY CONTRACTOR SHALL REVIEW THE PROPOSED CCPR THICKNESS AND PROVIDE A MIX DESIGN, SAMPLING, AND TESTING FOR CCPR PROCESS.





CONSTRUCTION NOTES (ELM STREET):

- (1E) REMOVE TOP 7" OF AB AND INSTALL GEOGRID REINFORCMENT (TENSAR TRIAX GEOGRID TYPE 2 OR EQUIVALENT). GEOGRID REINFORCEMENT SHALL BE PLACED UNDERNEATH A MINIMUM OF 7"OF NEW BASE. MOISTURE CONDITION AND RECOMPACT AB TO 95% PRIOR TO PLACEMENT OF GEOGRID. SHOULD COMPACTION TESTING INDICATE LESS THAN 95% COMPACTION, BASE GRADE MATERIALS SHOULD BE SCARIFIED TO A DEPTH OF AT LEAST 6%, MOISTURE
- CONDITIONED AS NECESSARY AND COMPACTED TO 95%. (E) INSTALL 2" ARHM OVER 4" CCPR. EXISTING AB SHALL BE MOISTURE CONDITIONED AND RECOMPACTED TO 95% PRIOR TO PLACEMENT OF
- NEW CCPR AND ARHM. (3E) COLD PLANE EXISTING AC FULL WIDTH AND DEPTH (APPROXIMATELY 4"DEPTH PER PAVEMENT EVALUATION REPORT) DOWN TO AB.
- REMOVE AND REGRADE EXISTING AB 6' FROM LIP OF GUTTER OR AC DIKE AT 2"DEPTH PRIOR TO PLACEMENT OF CCPR.
- (4) ADJUST WATER OR GAS VALVE CAN TO GRADE AS NEEDED.
- 5 DOUBLE ADJUST EXISTING SEWER MANHOLE/DRY UTILITY TO GRADE. SEWER MANHOLE ADJUSTMENTS PER EMWD STD DWG SB-53 & SB-61.
- (6) REPLACE LOOP DETECTORS PER DETAILS B AND C ON SHEET 2.
- 8 DOUBLE ADJUST EXISTING STORM DRAIN MANHOLE TO GRADE.
- 9 PROTECT IN PLACE.
- (10) PRIOR TO INSTALLATION OF LOOPS, CONTRACTOR TO COORDINATE WITH CITY INSPECTOR FOR LAYOUT/PLACEMENT OF LOOPS.
- CONTRACTOR SHALL CONTACT AND NOTIFY CITY OF MURRIETA TRAFFIC SIGNAL TECHNICIAN FOR LAYOUT/LOCATION OF UNDERGROUND TIBER AT ALL SIGNALIZED INTERSECTION PRIOR TO CONDUCTING WORK IN OR AROUND SIGNALIZED INTERSECTIONS.
- (19) GRIND OUT EXISTING AC DIKE (EXISTING DIKE RANGES FROM 6"TO 2"). RECONSTRUCT 6"AC DIKE PER CITY OF MURRIETA STD. 315.



DESCRIPTION:

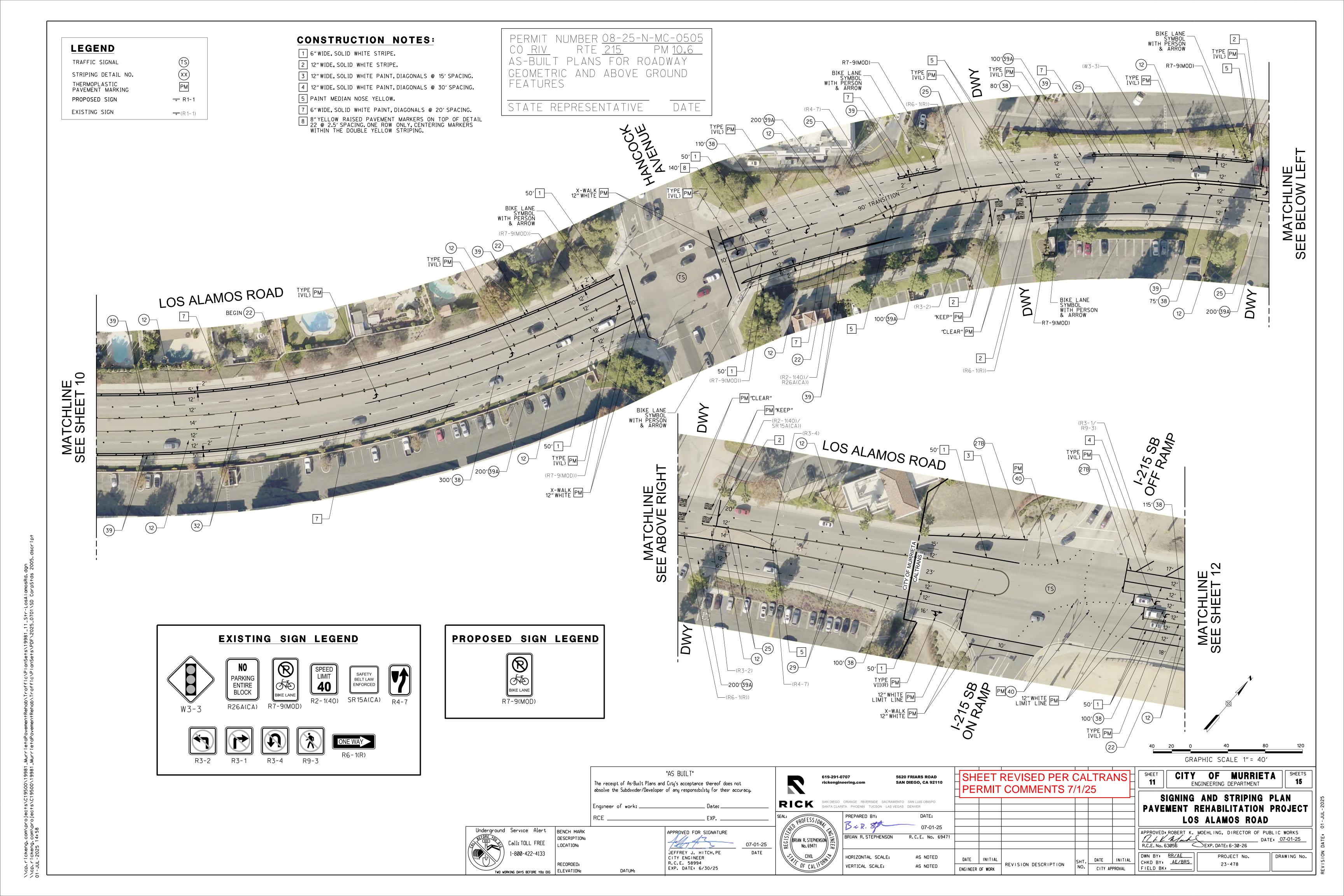
APPROYED FOR SIGNATURE JEFFREY J. HITCH, PE CITY ENGINEER R.C.E. 58994 EXP. DATE: 6/30/25

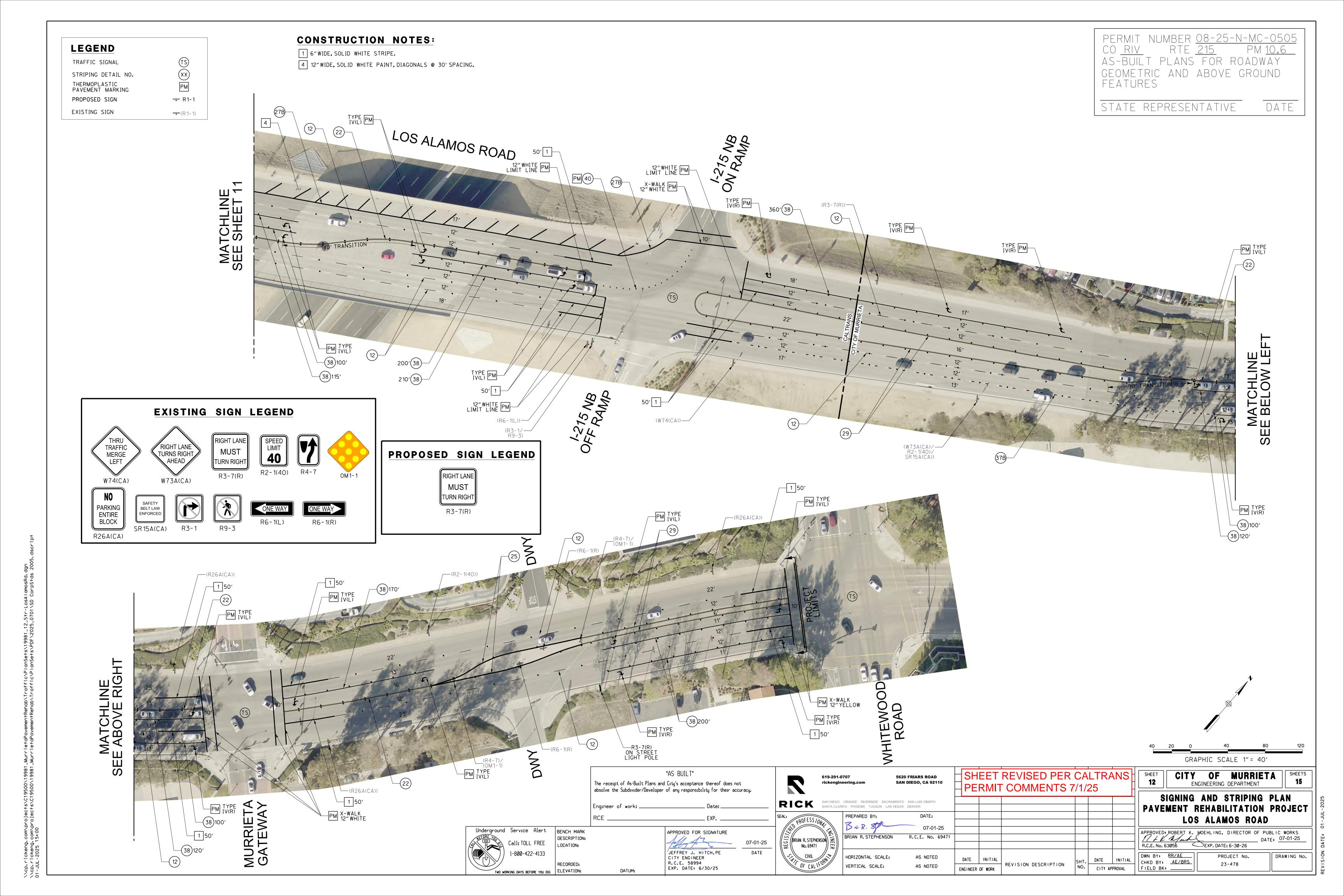
"AS BUILT"

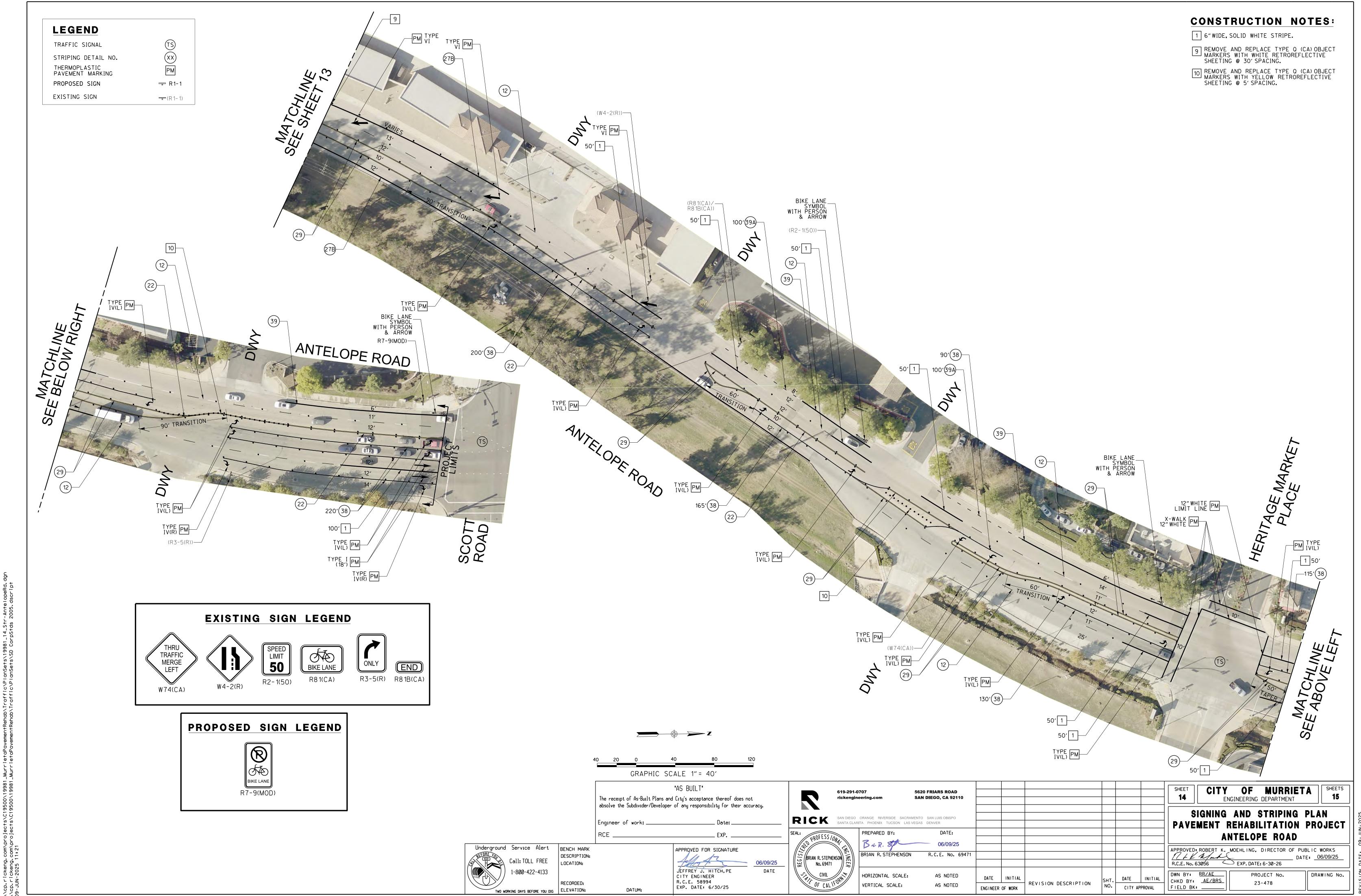
The receipt of As-Built Plans and City's acceptance thereof does not

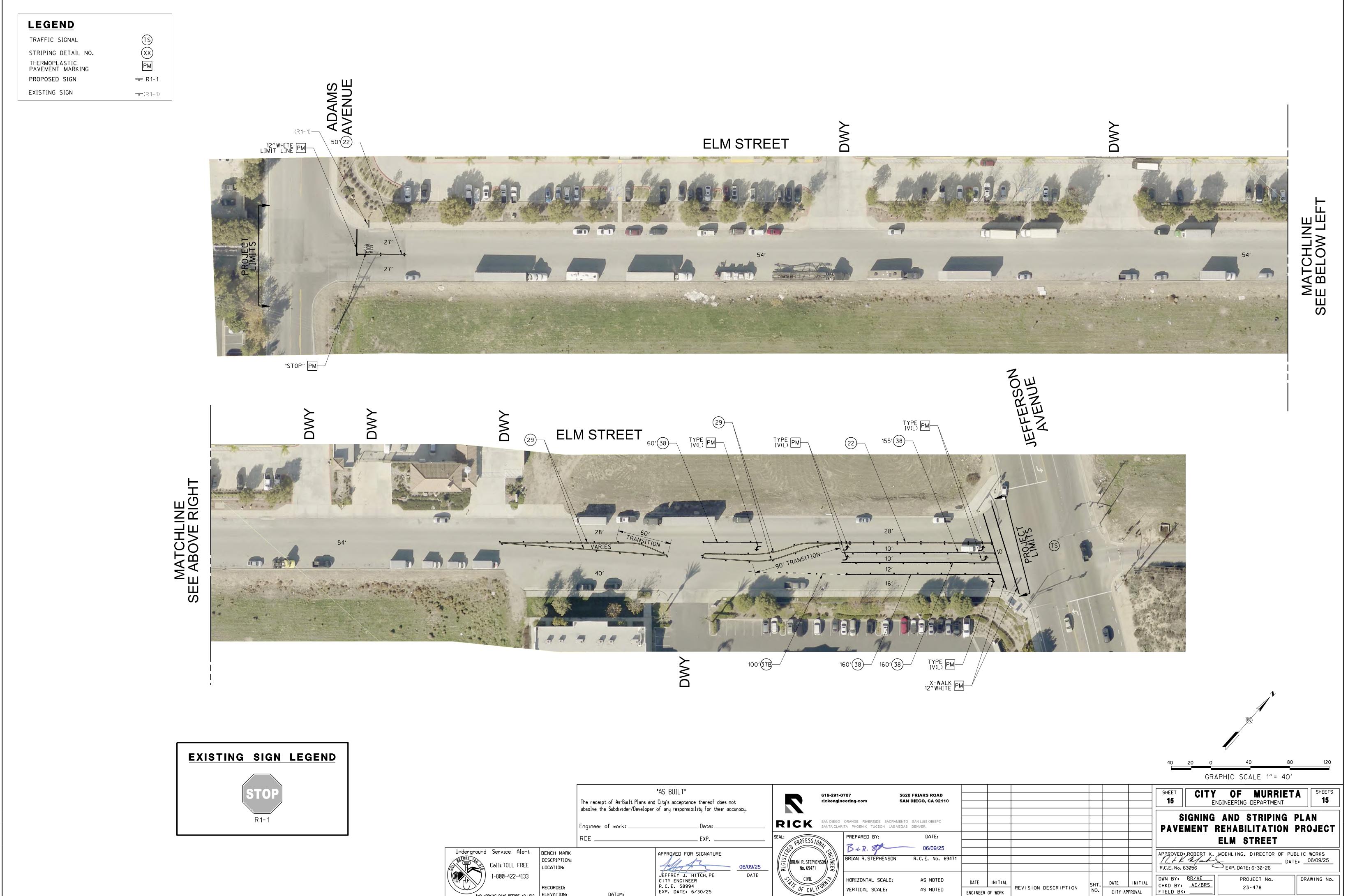
absolve the Subdivider/Developer of any responsibility for their accuracy.

GRAPHIC SCALE 1" = 40' CITY OF MURRIETA ENGINEERING DEPARTMENT PAVING PLAN PAVEMENT REHABILITATION PROJECT ELM STREET APPROVED: ROBERT K. MOEHLING, DIRECTOR OF PUBLIC WORKS
DATE: 06/09/25 EXP. DATE: 6-30-26 R.C.E. No. 63056 DWN BY: RR/AE DRAWING No. PROJECT No. DATE INITIAL CHKD BY: <u>AE/BRS</u> 23-478 REVISION DESCRIPTION FIELD BK: ___









VERTICAL SCALE:

AS NOTED

ENGINEER OF WORK

RECORDED:

TWO WORKING DAYS BEFORE YOU DIG | ELEVATION: