

ITEM: 3.37 (ID # 27115) MEETING DATE: Tuesday, March 11, 2025

FROM: TLMA-TRANSPORTATION

**SUBJECT:** TRANSPORTATION AND LAND MANAGEMENT AGENCY/TRANSPORTATION: Approve Addenda to the Plans and Specifications, Accept the Low Bid and Award the Contract for the Construction of the Pauba Road Widening Project in the Community of Rancho California and De Luz Road Culvert Replacement Project in the Community of Santa Rosa; District 3. [\$8,720,393 Total Cost – Local Funds 100%] (4/5 Vote Required) (Companion Item MT No. 27170)

### **RECOMMENDED MOTION:** That the Board of Supervisors:

- Reject all bids received by the Director of Transportation on January 17, 2024, for the construction of the De Luz Road Culvert Replacement project at twelve locations along De Luz Road, in the Community of Santa Rosa;
- 2. Approve six addenda to the plans and specifications issued prior to the December 18, 2024, bid opening;

Continued on page 2

ACTION:4/5 Vote Required, Policy

Dennis Acuna, Director of Transportation

#### MINUTES OF THE BOARD OF SUPERVISORS

2/26/2025

On motion of Supervisor Gutierrez, seconded by Supervisor Spiegel and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes:

Medina, Spiegel, Washington, Perez and Gutierrez

Nays: Absent: None

Date:

None March 11, 2025

XC:

TLMA-Transp,, COB/DL

Kimberly A. Rector
Clerk of the Board
By: Mulling May

# **RECOMMENDED MOTION:** That the Board of Supervisors:

- 3. Waive any and all immaterial irregularities and accept the low bid of Nationwide Contracting Services, Inc. dba Nationwide General Construction Services (Nationwide Contracting) of Huntington Beach, California in the amount of \$8,720,393.00;
- 4. Award the contract to Nationwide Contracting and authorize the Chair of the Board to execute the contract documents; and
- 5. Approve the project proposed budget as shown on Attachment "A".

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$ 2,000,000	\$ 6,720,393	\$ 8,720,393	\$ 0
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0
SOURCE OF FUNDS: Measure A/Western (86.6%), Gas Tax/SB-1 (10.7%), Combined Improvement Fund (2.7%).			i Budget Adjus	stment: No
There are no General F	Funds used in this p	roject.	For Fiscal Ye	ar: 24/25 – 25/26

C.E.O. RECOMMENDATION: Approve

#### BACKGROUND:

#### Summary

By Minute Order dated September 10, 2024 (Agenda Item 3.42), the County of Riverside Board of Supervisors authorized the Clerk of the Board to advertise for the construction of the Pauba Road Widening Project between Via Del Monte and Calle Contento northerly in the Community of Rancho California of Riverside County.

The Pauba Road Widening project consists of reconstructing an approximately 1.1-mile segment of Pauba Road between Via Del Monte and Calle Contento. Pauba Road will be realigned both vertically and horizontally for better drivability and widened from the existing 20-feet wide road to a 28-feet wide road to accommodate two 12-foot travel lanes with 2-foot paved shoulders.

Roadway reconstruction will consist of removing the existing asphalt concrete and underlying material and placing new hot mix asphalt (HMA).

Additional improvements on Pauba Road include construction of concrete driveways, asphalt concrete driveways, asphalt concrete dike, placement of safety edge and shoulder backing to protect the outside edge of pavement, construction of a graded trail for equestrian use, construction of concrete retaining walls, installation of fence and gates. Drainage improvements

include construction of new culverts and replacement of existing culverts, installation of concrete headwalls at culverts inlets and outlets, installation of rock energy dissipators. Safety features include placing roadside signs, traffic stripes, thermoplastic crosswalks and pavement markings, and other associated work.

On November 17, 2020, the Riverside County Board of Supervisors directed the Executive Office to implement an Unincorporated Communities Initiative (UCI). The UCI is a focused, ongoing, and coordinated effort to improve the infrastructure and services provided to the residents of unincorporated communities, with emphasis on Disadvantaged Unincorporated Communities. Through March 31, 2021, the Executive Office team held 15 community meetings and conducted online surveys to better understand community needs for services, infrastructure, and infrastructure maintenance. Based on the foundational work completed by the UCI team, the Pauba Road Widening Project was selected as a recipient of \$898,291 of UCI funds from District 3 per Minute Order dated May 23, 2023 (Agenda Item 3.6).

During the advertisement period, six addenda were issued to all registered plan holders as a supplement to the plans and specifications. Bidders were required to acknowledge and take into account the issued addenda on their contractor's Bid in order to be considered for award.

The addenda were issued to clarify and modify the approved contract documents. Addendum No. 1 and No. 6 increased costs; thus a 4/5ths vote is required. The addenda are attached and designated as Addendum No. 1 through Addendum No. 6.

## De Luz Road Culvert Replacement at Ten Locations Along De Luz Road

By Minute Order dated August 29, 2023 (Agenda Item 3.77) the Board of Supervisors authorized the Clerk of the Board to advertise for the construction of De Luz Road Culvert Replacement at Twelve Locations Along De Luz Road. Bids for the project were received in the office of the Director of Transportation at 2:00 PM, Wednesday, January 17, 2024. A total of five bids were received on Wednesday, January 17, 2024, ranging from \$834,243 to \$3,345,386. The basis for the selection of a contractor is the lowest responsive and responsible bid.

Because of high-priced bids received, the Transportation Department considered it to be in the best interest of the County to reject all bids and put the project on hold. The County expressly reserved the right, within the approved bid documents, to reject all bids if it is in the best interest of the County.

Addendum No. 1 was issued to combine De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, in the Community of Santa Rosa. The number of culverts to be replaced was modified to ten since two of the twelve original culverts were replaced under an emergency contract awarded by the Director of Transportation on August 27, 2024, in accordance with authority that the Board has delegated to The Director of Transportation via Resolution No.

2019-035 has the authority to enter into emergency contracts up to \$1,500,000 per Minute Order dated January 29, 2019 (Agenda Item 3.24).

The Contract includes the following schedule of work:

Base Bid Schedule: Pauba Road Widening, and associated work

Alternative Bid Schedule 1: Rancho California Water District, Facilities Relocations

Alternative Bid Schedule 2: De Luz Road Culvert Replacement at Ten Locations

RCWD has accepted the bid prices proposed by Nationwide Contracting for Alternative Bid Schedule 1, which includes adjustments, relocations and abandonment of RWCD facilities that are in conflict with the improvements. A reimbursement agreement between RCWD and County of Riverside is being submitted to the Board of Supervisors for approval concurrent with the award of this project (Companion Item MT No. 27170).

The contractor, Nationwide Contracting, is qualified to perform the work as outlined in the bid, has executed the contract, and has provided bonds and insurance documents which meet the requirements of the contract documents.

Project No's. C9-0063 and D0-0057

#### Impact on Residents and Businesses

The improvements will improve safety and traffic operations by eliminating the hazards associated with a narrow roadway. The project will replace existing deteriorated pavement with new hot mix asphalt to provide the public with a smooth paved roadway that will improve the safety and efficiency of vehicular traffic.

The work is scheduled to begin early in 2025. The work will be phased to keep the road open during construction as much as possible and will take approximately four months to complete.

#### SUPPLEMENTAL:

#### **Additional Fiscal Information**

Construction will begin during Fiscal Year 2024/2025 and will be funded entirely using local funds, consisting of Measure A/Western, Gas Tax/SB1, Rancho California Water District and Combined Improvement Funds.

The proposed budget as shown on Attachment "A" includes contractor award amount and other associated costs.

There are no General Funds used in this project.

# **Contract History and Price Reasonableness**

A total of six bids were received on Wednesday, December 18, 2024 ranging from \$8,720,393 to \$11,996,748. The basis for the selection of a contractor is the lowest responsive and responsible bid. The lowest responsive and responsible bid was submitted by Nationwide Contracting in the amount of \$8,720,393 which is \$1,590,049 (22%) above the engineer's cost estimate.

The Transportation Department recommends the award of the contract to Nationwide Contracting in the amount of \$8,720,393.

# **ATTACHMENTS:**

Vicinity Map

Attachment "A"

Summary of Bids

Addendum No. 1

Addendum No. 2

Addendam No. 2

Addendum No. 3

Addendum No. 4 Addendum No. 5

Addendum No. 6

Contract/Bonds/Insurance

Contractor's Bid Proposal

Jason Farin, Principal Policy Analyst

3/5/2025

on Gettis, Chief of Deputy County Counsel 2/28

# Contract

THIS CONTRACT is entered into at Riverside, California as of the date set forth below is between County of Riverside hereafter called "County" and Nationwide Contracting Services, Inc. dba Nationwide General Construction Services, hereafter called "Contractor".

# WITNESSETH

# **Recitals:**

- 1. Contractor has submitted to County his Contractor's Proposal for the construction of County Project, Pauba Road Widening, Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and De Luz Road, Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057, in strict accordance with the Contract Documents identified below and County has accepted said Proposal.
- 2. Contractor states that he has reexamined his Contractor's Proposal and found it to be correct, has ascertained that his subcontractors are properly licensed and possess the requisite skill and forces, has reexamined the site and Contract Documents and is of the opinion that he can presently do the work in accordance with the Contract Documents for the money set forth in his Proposal to be paid as provided in the Contract Documents.

#### Agreement:

It is agreed by the parties as follows:

# 1. Contract Documents

The entire Contract consists of the following: (a) The Construction Contract, (b) The Notice to Bidders. (c) The Instruction to Bidders, (d) The Bid, (e) The Bid Bond, (f) The Payment Bond, (g) The Performance Bond, (h) The General Conditions, (i) The Special Provisions, (j) The Standard Specifications of the State of California Department of Transportation edition of 2022 as modified in other portions of the Contract Documents and as amended by the State of California Department of Transportation, (k) The Standard Plans of the Department of Transportation identified on the plans or in the Special Provisions, (1) The Plans, (m) Addenda (Six), (n) The Determination of Prevailing Wage Rates for Public Works, (o) Any Change Orders issued, and (p) Any additional or supplemental specifications, notice, instructions and drawings issued in accordance with the provisions of the Contract Documents. All of said Documents presently in existence are by this reference incorporated herein with like effect as if here set forth in full and upon the proper issuance of other documents they shall likewise be deemed incorporated. The Bid Bond is exonerated upon execution of this Contract and the Payment Bond and Performance Bond.

# 2. The Work

Contractor shall do all tasks necessary to construct the work generally described in Recital No. 1 in accordance with the Contract Documents.

# 3. Prosecution, Progress and Liquidated Damages

Attention is directed to the provisions in Section 8-1.04,"Start of Job Site Activities", Section 8-1.05, "Time", and in Section 8-1.10 "Liquidated Damages" of the Standard Specifications and these Special Provisions.

Standard Specification Section 8-1.04B, "Standard Start" is modified to read as follows:

The Contractor shall begin work within <u>fifteen (15)</u> calendar days, or as revised in the Special Provisions, of the date stated within the written "Notice to Proceed".

The Contractor shall notify the Engineer, in writing, of the Contractor's intent to begin work at least 72 hours before work is begun. If the project has more than one (1) location of work, Contractor shall submit a separate notice for each location. The notice shall be delivered to the Transportation Department's Construction Engineer and shall specify the date the Contractor intends to start at said location.

Should the Contractor begin work in advance of receiving a written "Notice to Proceed", any work performed by the Contractor in advance of the date stated in the "Notice to Proceed" shall be considered as having been done by the Contractor at his own risk and as a volunteer and subject to the following:

- A. The Contractor shall, on commencing operations, take all precautions required for public safety and shall observe all the provisions in the Specifications and the Special Provisions.
- B. All work done according to the Contract, prior to the issuance of the "Notice to Proceed", will be considered authorized work and will be paid for as provided in the contract.
- C. The Contractor shall not be entitled to any additional compensation or an extension of time for any delay, hindrance or interference caused by or attributable to commencement of work prior to the issuance of the "Notice to Proceed".

# 4. Compensation

Contractor shall be paid in the manner set forth in the Contract Documents the amount of his Proposal as accepted by County, the above rates, subject to additions and deductions as provided in the Contract Documents. Said Proposal is on file in the Office of the Clerk of the Board of Supervisors of County.

# Pauba Road Widening Via Del Monte to Calle Contento Community of Rancho California Project No. C9-0063; and De Luz Road

# Culvert Replacement at

# Ten Locations Along De Luz Road Between Calle Capistrano and 2,380 Feet South of Buena Loma Road Community of Santa Rosa Project No. D0-0057

# Contract

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE	BID SCH	EDULE - Pauba Road Widening				
1	066100	DUST ABATEMENT	LS	1	50,000.00	50,000.00
2	100100	DEVELOP WATER SUPPLY	LS	1	20,000.00	20,000.00
3	120100	TRAFFIC CONTROL SYSTEM	LS	1	320,000.00	320,000.00
4	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	10,000.00	10,000.00
5	170103	CLEARING AND GRUBBING	LS	1	76,000.00	76,000.00
6	031201	CONSTRUCTION PROJECT FUNDING SIGN	EA	2	5,000.00	10,000.00
7	190101(F)	ROADWAY EXCAVATION	CY	8,290	100.00	829,000.00
8	192037(F)	STRUCTURE EXCAVATION (RETAINING WALL)	CY	1,164	120.00	139,680.00
9	193013(F)	STRUCTURE BACKFILL (RETAINING WALL)	CY	951	120.00	114,120.00
10	194001	DITCH EXCAVATION	CY	67	120.00	8,040.00
11	260203	CLASS 2 AGGREGATE BASE	CY	2,420	120.00	290,400.00
12	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	290	50.00	14,500.00
13	013904	PLACE ASPHALT CONCRETE DIKE (CRS 212) (8")	LF	180	60.00	10,800.00
14	390132	HOT MIX ASPHALT (TYPE A)	TON	6,950	180.00	1,251,000.00
15	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	610	20.00	12,200.00

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE	BID SCH	EDULE - Pauba Road Widening (Continue	ed)			
16	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	9,730	10.00	97,300.00
17	475010(F)	RETAINING WALL (MASONRY WALL)	SQFT	2,406	60.00	144,360.00
18	035101	GRAVITY WALL	LF	34	160.00	5,440.00
19	510060(F)	STRUCTURAL CONCRETE, RETAINING WALL	CY	254	1,600.00	406,400.00
20	510090(F)	STRUCTURAL CONCRETE, BOX CULVERT	CY	15	1,800.00	27,000.00
21	510092(F)	STRUCTURAL CONCRETE, HEADWALL	CY	372	1,600.00	595,200.00
22	511055(F)	CONCRETE SURFACE TEXTURE	SQFT	2,376	20.00	47,520.00
23	520103(F)	BAR REINFORCING STEEL (RETAINING WALL)	LB	23,800	6.00	142,800.00
24	641101	12" PLASTIC PIPE	LF	3	500.00	1,500.00
25	665016	18" CORRUGATED STEEL PIPE (.064" THICK)	LF	158	380.00	60,040.00
26	665019	21" CORRUGATED STEEL PIPE (.064" THICK)	LF	155	420.00	65,100.00
27	665030	30" CORRUGATED STEEL PIPE (.064" THICK)	LF	197	460.00	90,620.00
28	665035	36" CORRUGATED STEEL PIPE (.064" THICK)	LF	81	490.00	39,690.00
29	667023	42" X 29" CORRUGATED STEEL PIPE ARCH (.079" THICK)	LF	8	1,000.00	8,000.00
30	691900	FLUME DOWNDRAIN	LF	202	200.00	40,400.00
31	692101	TAPERED INLET	EA	8	5,000.00	40,000.00
32	037050	21" STEEL FLAIRED END SECTION	EA	1	5,000.00	5,000.00
33	700615	CORRUGATED STEEL PIPE INLET	EA	2	5,000.00	10,000.00
34	037101	CMP CULVERT LINING (CENTRIPIPE)	LF	80	800.00	64,000.00
35	721431	CONCRETE (CONCRETE APRON)	CY	63	1,400.00	88,200.00

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE	BID SCHI	EDULE - Pauba Road Widening (Continue	ed)			
36	723050	ROCK SLOPE PROTECTION (1/4 T, Class V, METHOD B)	CY	23	500.00	11,500.00
37	723080	ROCK SLOPE PROTECTION (60 lb, Class II, METHOD B)	CY	43	500.00	21,500.00
38	723095	ROCK SLOPE PROTECTION (20 lb, Class I, METHOD B)	CY	116	500.00	58,000.00
39	730045	MINOR CONCRETE (GUTTER)	CY	12	1,400.00	16,800.00
40	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	6	1,400.00	8,400.00
41	731516	MINOR CONCRETE (DRIVEWAY)	CY	180	1,400.00	252,000.00
42	780440	PREPARE AND STAIN CONCRETE	SQFT	2,400	25.00	60,000.00
43	038001	CHAIN LINK FENCE (CL-6, TYPE BW)	LF	70	350.00	24,500.00
44	038002	19' CHAIN LINK GATE (TYPE CL-6) [2-9.5' GATE]	EA	1	8,000.00	8,000.00
45	038003	23' CHAIN LINK GATE (TYPE CL-6) [2-11.5' GATE]	EA	1	14,000.00	14,000.00
46	800103	TEMPORARY FENCE (TYPE CL-6)	LF	310	150.00	46,500.00
47	803100	RECONSTRUCT FENCE [WHITE VINYL FENCE W/ WIRE MESH]	LF	690	180.00	124,200.00
48	803160	RESET GATE	EA	1	3,000.00	3,000.00
49	810230	PAVEMENT MARKER (RETROREFLECTIVE)	EA	474	50.00	23,700.00
50	820250	REMOVE ROADSIDE SIGN	EA	14	500.00	7,000.00
51	820590	RELOCATE ROADSIDE SIGN-ONE POST	EA	3	1,000.00	3,000.00
52	820840	ROADSIDE SIGN - ONE POST	EA	16	1,500.00	24,000.00
53	018302	TRANSITIONAL RAILING (TYPE AGT)	EA	1	5,000.00	5,000.00
54	38301(F)	PEDESTRIAN SAFETY RAIL [AT CULVERT HEADWALLS]	LF	77	370.00	28,490.00
55	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	LF	200	280.00	56,000.00

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE	BID SCH	EDULE - Pauba Road Widening (Continue	ed)			
56	833088(F)	TUBULAR HANDRAILING	LF	259	320.00	82,880.00
57	839521(F)	CABLE RAILING	LF	346	250.00	86,500.00
58	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	3	5,000.00	15,000.00
59	839742(F)	CONCRETE BARRIER (TYPE 836A)	LF	259	375.00	97,125.00
60	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	1,020	5.00	5,100.00
61	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	17,960	8.00	143,680.00
62	018701	RESET ELECTRICAL FOR LIGHTING	EA	2	2,000.00	4,000.00
63	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	400,000.00	400,000.00
64	198215	SUBGRADE ENHANCEMENT GEOGRID [TENSAR NX750 GEOGRID]	SQYD	700	50.00	35,000.00
65	710368	CULVERT SLURRY-CEMENT BACKFILL [0-SACK SLURRY]	CY	130	800.00	104,000.00
66	803100	RECONSTRUCT FENCE [WROUGHT IRON]	LF	40	350.00	14,000.00

BASE BID SCHEDULE: ITEMS 1 - 66 Six million, nine hundred seventeen thousand, one hundred eighty-five dollars and zero cents "WORDS"

\$6,917,185.00

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTE	RNATIVE	BID SCHEDULE 1 - Rancho California Wat	er Dist	rict, Facilities	Relocations	
67	037701	STEEL FIRE HYDRANT TYPE 1 RELOCATION; ADJUST TO GRADE	EA	2	15,000.00	30,000.00
68	037702	STEEL FIRE HYDRANT TYPE 2 RELOCATION; HORIZONTAL OFFSET	EA	8	15,000.00	120,000.00
69	037703	STEEL FIRE HYDRANT TYPE 3 RELOCATION; ABANDON AND REPLACE	EA	3	20,000.00	60,000.00
70	037704	PVC FIRE HYDRANT TYPE 3 RELOCATION; ABANDON AND REPLACE	EA	2	18,000.00	36,000.00
71	037705	2" AIR VAC AND AIR RELEASE TYPE 1 RELOCATION: ADJUST TO GRADE	EA	3	5,000.00	15,000.00
72	037706	2" AIR VAC AND AIR RELEASE TYPE 1 RELOCATION: HORIZONTAL OFFSET	EA	6	5,000.00	30,000.00
73	037707	1" SERVICE LATERAL/METER TYPE 1 RELOCATION; ADJUST TO GRADE	EA	3	8,000.00	24,000.00
74	037708	1" SERVICE LATERAL/METER TYPE 2 RELOCATION; HORIZONTAL OFFSET	EA	8	8,000.00	64,000.00
75	037709	BACKFLOW ASSEMBLY TYPE 2 RELOCATION; HORIZONTAL OFFSET	EA	2	12,000.00	24,000.00
76	037710	CP TEST STATION TYPE 3 RELOCATION; ABANDON AND REPLACE	EA	6	8,000.00	48,000.00
77	037711	8" PVC WATERLINE RELOCATION	LS	1	180,000.00	180,000.00

ALT BID SCHEDULE 1:	Six hundred thirty-one thousand dollars and zero cents	\$631,000.00
ITEMS 67 – 77	"WORDS"	

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTE	RNATIVE	BID SCHEDULE 2 - De Luz Road Culvert F	Replace	ment at Ten L	ocations	
78	066100	DUST ABATEMENT	LS	1	25,000.00	25,000.00
79	100100	DEVELOP WATER SUPPLY	LS	1	10,000.00	10,000.00
80	120100	TRAFFIC CONTROL SYSTEM	LS	1	160,000.00	160,000.00
81	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	LS	1	5,000.00	5,000.00
82	170103	CLEARING AND GRUBBING	LS	1	38,000.00	38,000.00
83	190101	ROADWAY EXCAVATION	CY	65	100.00	6,500.00
84	032001	PLANTING WORK	EA	33	800.00	26,400.00
85	260203	CLASS 2 AGGREGATE BASE	CY	74	120.00	8,880.00
86	033901	ASPHALT CONCRETE DIKE	LF	30	50.00	1,500.00
87	390132	HOT MIX ASPHALT (TYPE A)	TON	24	180.00	4,320.00
88	034001	CONCRETE PAVEMENT	CY	42	1,400.00	58,800.00
89	035101	MINOR CONCRETE (MINOR STRUCTURE)	CY	145	1,400.00	203,000.00
90	035103	MINOR CONCRETE (MINOR STRUCTURE) [FLARED END SECTION]	EA	6	5,000.00	30,000.00
91	035104	MINOR CONCRETE (MINOR STRUCTURE) [COLLAR]	EA	1	5,000.00	5,000.00
92	650424	36" REINFORCED CONCRETE PIPE (CLASS IV)	LF	116	650.00	75,400.00
93	650432	48" REINFORCED CONCRETE PIPE (CLASS IV)	LF	81	850.00	68,850.00
94	650511	18" REINFORCED CONCRETE PIPE (CLASS V)	LF	336	480.00	161,280.00
95	650516	24" REINFORCED CONCRETE PIPE (CLASS V)	LF	309	540.00	166,860.00
96	038001	REMOVE AND REPLACE CHAIN LINK FENCE (TYPE CL-3)	LF	25	250.00	6,250.00

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTE	RNATIVE	BID SCHEDULE 2 - De Luz Road Culvert R	eplace	ment at Ten L	ocations (Conti	nued)
97	810230	PAVEMENT MARKER (RETROREFLECTIVE)	EA	8	50.00	400.00
98	820490	INSTALL TYPE L-2 MARKER TO MATCH EXISTING	EA	16	100.00	1,600.00
99	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	264	12.00	3,168.00
100	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	50,000.00	50,000.00
101	034001	REMOVE AND REPLACE CONCRETE PAVEMENT WITH RAPID STRENGHT CONCRETE (LOCATIONS 5 AND 7)	CY	35	1,600.00	56,000.00

ALT BID	One million, one hundred seventy-two thousand, two hundred eight dollars	
SCHEDULE 2:	and zero cents	\$1,172,208.00
ITEMS 78 - 101	"WORDS"	

PROJECT Eight million, seven hundred twenty thousand, three hundred
TOTAL: ninety-three dollars and zero cents \$8,720,393.00
ITEMS 1 – 101 "WORDS"

# Pauba Road Widening Via Del Monte to Calle Contento Community of Rancho California Project No. C9-0063; and De Luz Road

Culvert Replacement at Ten Locations Along De Luz Road

Between Calle Capistrano and 2,380 Feet South of Buena Loma Road

Community of Santa Rosa Project No. D0-0057

IN WITNESS WHEREOF the parties hereto have executed this Contract as of the date set forth

below.	
COUNTY OF RIVERSIDE	NATIONWIDE CONTRACTING SERVICES, INC. dba
BY: V. MANUEL PEREZ Chair, Board of Supervisors	NATIONWIDE GENERAL CONSTRUCTION SERVICES  BY:   A A A A A A A A A A A A A A A A A A
DATED: 03/11/2025	TITLE: Presidut (If Corporation, affix Scal)
ATTEST:	ATTEST:
Kimberly A. Rector, Clerk of the Board	- lie Nadu
BY: Mutuy Maro	TITLE: Secretary
Deputy	Licensed in accordance with an act providing for the registration of Contractors,
FORMARY FOR JOHNTY COUNSEL BY: DANIELLE D. MALAND	License No.: 1031246  Federal Employer Identification Number:
	81-5325769
Departme	ent of Industrial Relations Registration Number:
	1000057872 CERVICES
BY	210011
"County"	"Corporation (Seal)
V 122010 0 12522 Page 16	of 10

V.123019.042523

Page 10 of 10

### CORPORATE RESOLUTION

OF

# NATIONWIDE CONTRACTING SERVICES INC.

Principal Office Address:

7660 Liberty Dr, Huntington Beach, CA 92647

DATED: January 1, 2025

WHEREAS, the undersigned, being all the Shareholders of Nationwide Contracting Services Inc. (hereinafter referred to as the "Corporation"), a corporation organized and existing under the laws of the State of California, do hereby acknowledge and consent to the following resolutions in lieu of a formal meeting:

### RESOLUTION NO. 2025-01

**Appointment of Corporate Officers** 

RESOLVED, that effective immediately, the following individual is hereby appointed and shall serve as the sole officer of the Corporation:

- Elie Nader shall hold the titles of President, Treasurer, and Secretary of the Corporation, with full authority to exercise all powers customarily incident to these offices under California law and the Corporation's bylaws.

FURTHER RESOLVED, that Luicci Nader no longer holds any officer position within the Corporation, including but not limited to President, Vice President, Treasurer, or Secretary. FURTHER RESOLVED, that while Luicci Nader remains an employee of the Corporation, his role shall be determined and managed by the President, Elie Nader, in accordance with the Corporation's operational needs and employment policies.

#### RESOLUTION NO. 2025-02

Authority to Execute and Manage Corporate Affairs

RESOLVED, that Elie Nader, as President, Treasurer, and Secretary of the Corporation, is authorized to:

- 1. Execute and deliver contracts, agreements, bids, and any other legally binding documents on behalf of the Corporation.
- 2. Manage and oversee the Corporation's banking relationships, including opening, maintaining, and closing accounts, applying for lines of credit, and securing financing for corporate purposes.
- 3. Discuss, negotiate, and purchase construction equipment and assets in furtherance of the Corporation's business operations.

#### RESOLUTION NO. 2025-03

Acknowledgment of Prior Corporate Acts

RESOLVED, that all acts, decisions, and proceedings undertaken by the Corporation's Board of Directors and Officers during the previous fiscal year are hereby acknowledged, ratified, and approved as being in the best interest of the Corporation.

BE IT FURTHER RESOLVED, that the principal office of the Corporation shall remain at 7660 Liberty Dr, Huntington Beach, CA 92647, and all corporate records and correspondence shall be maintained at this address.

#### **CERTIFICATION OF RESOLUTION**

The undersigned hereby certifies that they are the sole shareholder of Nationwide Contracting Services Inc., and that the foregoing resolutions were duly adopted on January 1, 2025, in accordance with the Corporation's bylaws and applicable laws of the State of California.

IN WITNESS WHEREOF, the undersigned has executed this resolution as of the date first written above.

Elie Nader

President, Treasurer, and Secretary

Nationwide Contracting Services Inc.

# ANNUAL MEETING OF THE SHAREHOLDERS OF NATIONWIDE CONTRACTING SERVICES INC.

The Annual Meeting of the Shareholders of NATIONWIDE CONTRACTING SERVICES Inc. was held at the registered office of the Corporation on Jan 01, 2025 at 2:00 pm

The following Shareholders were present and duly signed Waiver of Notice of said Meeting:

# **ELIE NADER**

Elie NADER, the President of the Corporation, called the meeting to order. The President gave his report detailing the Corporation's past performance, present circumstances, future prospects, and other matters. After due consideration, the President's report was accepted.

ELIE NADER, the Treasurer of the Corporation, presented his report detailing the Corporation's financial situation and financial developments during the past fiscal year. After due consideration, the Treasurer's report was accepted.

Nominations were called for the election of Directors. Upon nomination duly made and seconded the following individual was unanimously elected:

# Elie Nader as President Elie Nader as Secretary Elie Nader as Treasurer

Upon motion duly made, seconded and carried, it was:

RESOLVED, that acknowledgment was taken and approval made of the actions of the Board of Directors for the past fiscal year.

RESOLVED, that BOTH the **President, Secretary, and the Treasurer** of the Corporation are authorized to sign and execute bids, contracts, and other legal documents, consider and discuss a possible purchase of additional construction equipment and applying for line of credit with different banks.

There being no further business, on motion the Meeting adjourned.

ELIE NADER,

Tie Nader

President, Treasurer, Secretary

# **Performance Bond**

# **Recitals:**

1.	Nationwide Contracting Services, Inc. dba Nationwide General Construction Services (Contractor) has entered into a Contract with COUNTY OF RIVERSIDE (County) for construction of public work known as Pauba Road Widening, Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and De Luz Road, Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057.
2.	, a corporation (Surety), is the Surety under this Bond.
Ag	reement:
	, Contractor as Principal and Surety as Surety, jointly and severally agree, state, and are bound unto County, obligee, as follows:
	1. The amount of the obligation of this Bond is 100% of the estimated contract price for the Project of \$8,720,393.00 (Eight million, seven hundred twenty thousand, three hundred ninety-three dollars and zero cents) and inures to the benefit of County.
	2. This Bond is exonerated by Contractor doing all things to be kept and performed by it in strict conformance with the Contract Documents for this project, otherwise it remains in full force and effect for the recovery of loss, damage and expense of County resulting from failure of Contractor to so act. All of said Contract Documents are incorporated herein.
	3. This obligation is binding on our successors and assigns.
	4. For value received, Surety stipulates and agrees that no change, time extension, prepayment to Contractor, alteration or addition to the terms and requirements of the Contract Documents or the work to be performed thereunder shall affect its obligations hereunder and waives notice as to such matters, except the total contract price cannot be increased by more than 10% without approval of Surety.
TH	IS BOND is executed as of
Ву	By
Ву	Type Name
Tit	Its Attorney in Fact "Surety"
	"Contractor"
	(Corporate Seal) (Corporate Seal)

NOTE: This Bond must be executed by both parties with corporate seal affixed. <u>All</u> signatures must be acknowledged. (Attach acknowledgements).

Payment Bond
(Public Works - Civil Code 89550 et seq.)

The makers of this Dand are Nationwill Car		
The makers of this bond are <b>Nationwide Co</b>	ntractin	g Services, Inc. dba Nationwide General Construction
corporation, authorized to issue Surety Bond	ds in Cal	, a ifornia, as Surety, and this Bond is issued in conjunction
with that certain public works contract to b	e execut	ed between Principal and COUNTY OF RIVERSIDE a
		illion, seven hundred twenty thousand, three hundred
ninety-three dollars and zero cents) the t	otal amo	ount payable. The amount of this bond is one hundred
		lic work generally consisting of Pauba Road Widening,
Via Dei Monte to Calle Contento, Commi	inity of	Rancho California, Project No. C9-0063; and De Luz
		ng De Luz Road, Between Calle Capistrano and 2,380
Feet South of Buena Loma Road, Commu	nity of S	Santa Rosa, Project No. Du-005/.
this Bond are as is set forth in 9554, 9558,	9560 and	54 of the Civil Code and requirements and conditions of d 9564 of said code. Without notice, Surety consents to rements, amount of compensation, or prepayment under
Dated:		Original Contractor – Principal
		Original Contractor – Principal
		By
Surety		
Ву	_	Title
Its Attorney In Fact		(If corporation, affix seal)
(Corporate Seal)		(Corporate Seal)
STATE OFCOUNTY OF	— ì	ss. SURETY'S ACKNOWLEDGEMENT
COUNTY OF	_ '	SS. SORETT S ACKNOWEED CEMENT
On before	me,	personally
appeared,		, known to me, or proved to me on the basis of is subscribed to the within instrument and acknowledged
to me that he executed the same in his authories, or the entity upon behalf of which the		apacities, and that by his signature on the instrument the acted, executed the instrument.
WITNESS my hand and official seal.		

This Bond must be executed by both parties with corporate seal affixed. <u>All</u> signatures must be acknowledged. (Attach acknowledgements).

# \*Issued in 2 Original Instruments

Bond No. 54264192 Premium Amt: \$72,683.00

# **Performance Bond**

# **Recitals:**

1.	Nationwide Contracting Services, Inc. dba Nationwide General Construction Services (Contractor)
	has entered into a Contract with COUNTY OF RIVERSIDE (County) for construction of public work
	known as Pauba Road Widening, Via Del Monte to Calle Contento, Community of Rancho
	California, Project No. C9-0063; and De Luz Road, Culvert Replacement at Ten Locations Along
	De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of
	Santa Rosa, Project No. D0-0057.

2.	United Fire & Casualty Company, a _	lowa	corporation (Surety	), is
	the Surety under this Bond.		200 (200 (200 (200 (200 (200 (200 (200	

# **Agreement:**

We, Contractor as Principal and Surety as Surety, jointly and severally agree, state, and are bound unto County, as obligee, as follows:

- 1. The amount of the obligation of this Bond is 100% of the estimated contract price for the Project of \$8,720,393.00 (Eight million, seven hundred twenty thousand, three hundred ninety-three dollars and zero cents) and inures to the benefit of County.
- 2. This Bond is exonerated by Contractor doing all things to be kept and performed by it in strict conformance with the Contract Documents for this project, otherwise it remains in full force and effect for the recovery of loss, damage and expense of County resulting from failure of Contractor to so act. All of said Contract Documents are incorporated herein.
- 3. This obligation is binding on our successors and assigns.
- 4. For value received, Surety stipulates and agrees that no change, time extension, prepayment to Contractor, alteration or addition to the terms and requirements of the Contract Documents or the work to be performed thereunder shall affect its obligations hereunder and waives notice as to such matters, except the total contract price cannot be increased by more than 10% without approval of Surety.

THIS BOND is executed as of1/13/20  Nationwide Contracting Services, Inc Dba Nationwide General Cons  By	
By Eline Noods	Type NameEmmanuel Brizuela, Attorney-In-Fact
Title President "Contractor"	Its Attorney in Fact "Surety"
(Corporate Seal)	(Corporate Seal)

NOTE: This Bond must be executed by both parties with corporate seal affixed. All signatures must be acknowledged. (Attach acknowledgements).

V.060719

# California Acknowledgment Form

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 ss.
before me, Antoine Kaaikati, Notary Public (here insert name and title of the officer)  personally appeared Elie Nader  who proved to me on the basis of satisfactory evidence to be the person(*) whose name(*)(*) are subscribed to the within instrument and acknowledged to me that (*) she/they executed the same in (*) her/their authorized capacity(*), and that by (*) her/their signature(*) on the instrument the person(*), or the entity upon behalf of which the person(*) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
Seal WITNESS my hand and official seal.
ANTOINE KAAIKATI Commission # 2351245 Notary Public - California ORANGE County My Comm Expires MAR 13, 2025  Signature of Notary
Optional Information
To help prevent fraud, it is recommended that you provide information about the attached document below.  ***This is not required under California State notary public law.***
Document Title: Performance Bond # of Pages: 4
Notes
Signer's Name: Elie Nader
Corporate Officer- Title(s): President and Secretary
Signer Is Representing: Nationwide Contracting Services, Inc.

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

"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	Ventura		
on 1-13-2025	before me, Jodie Lee Doner, Notary Public,		
personally appeared Emm	nanuel Brizuela		
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.		
JODIE LEE DONE Netary Public - Calif Ventura County Commission # 2476 My Comm. Expires Dec 1	ornia (m. 148 7 )		
	OPTIONAL		
	Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.		
CAPACITY CLAIMED BY	CAPACITY CLAIMED BY SIGNER DESCRIPTION OF ATTACHED DOCUMENT		
□INDIVIDUAL			
☐CORPORATE OFFICER			
TITLES(S)	TITLE OR TYPE OF DOCUMENT		
☐PARTNERS ☐LIMITED			
□GENERAL			
	NUMBER OF PAGES		
☐TRUSTEE(S)			
☐GUARDIAN/CONSERVATOR			
OTHER			
	DATE OF DOCUMENT		
SIGNER IS REPRESENTING: NAME OF PERSON(S) OR ENTIT	Y(IES)		

SIGNER(S) OTHER THAN NAMED ABOVE



#### UNITED FIRE & CASUALTY COMPANY, CEDAR RAPIDS, IA UNITED FIRE & INDEMNITY COMPANY, WEBSTER, TX FINANCIAL PACIFIC INSURANCE COMPANY, LOS ANGELES, CA CERTIFIED COPY OF POWER OF ATTORNEY

Inquiries: Surety Department 118 Second Ave SE Cedar Rapids, IA 52401

(original on file at Home Office of Company – See Certification)

KNOW ALL PERSONS BY THESE PRESENTS, That United Fire & Casualty Company, a corporation duly organized and existing under the laws of the State of Iowa; United Fire & Indemnity Company, a corporation duly organized and existing under the laws of the State of Texas; and Financial Pacific Insurance Company, a corporation duly organized and existing under the laws of the State of California (herein collectively called the Companies), and having their corporate headquarters in Cedar Rapids, State of Iowa, does make, constitute and appoint

KEVIN P. REED, JESSICA GARCIA, AARON FOSBURG, JODIE LEE DONER, EMMANUEL BRIZUELA, EACH INDIVIDUALLY

their true and lawful Attomey(s)-in-Fact with power and authority hereby conferred to sign, seal and execute in its behalf all lawful bonds, undertakings and other obligatory instruments of similar nature provided that no single obligation shall exceed \$50,000,000.00 and to bind the Companies thereby as fully and to the same extent as if such instruments were signed by the duly authorized officers of the Companies and all of the acts of said Attorney, pursuant to the authority hereby given and hereby ratified and confirmed

The Authority hereby granted shall expire the 1st day of April, 2026 unless sooner revoked Company, United Fire & Indemnity Company, and Financial Pacific Insurance Company.

by United Fire & Casualty

This Power of Attorney is made and executed pursuant to and by authority of the following bylaw duly adopted by the Boards of Directors of United Fire & Casualty Company, United Fire & Indemnity Company, and Financial Pacific Insurance Company.

"Article VI - Surety Bonds and Undertakings"

Section 2, Appointment of Attorney-in-Fact. "The President or any Vice President, or any other officer of the Companies may, from time to time, appoint by written certificates attorneys-in-fact to act in behalf of the Companies in the execution of policies of insurance, bonds, undertakings and other obligatory instruments of like nature. The signature of any officer authorized hereby, and the Corporate seal, may be affixed by facsimile to any power of attorney or special power of attorney or certification of either authorized hereby; such signature and seal, when so used, being adopted by the Companies as the original signature of such officer and the original seal of the Companies, to be valid and binding upon the Companies with the same force and effect as though manually affixed. Such attorneys-in-fact, subject to the limitations set of forth in their respective certificates of authority shall have full power to bind the Companies by their signature and execution of any such instruments and to attach the seal the Companies thereto. The President or any Vice President, the Board of Directors or any other officer of the Companies may at any time revoke all power and authority previously given to any attorney-in-fact.







IN WITNESS WHEREOF, the COMPANIES have each caused these presents to be signed by its vice president and its corporate seal to be hereto affixed this 1st day of April, 2024

UNITED FIRE & CASUALTY COMPANY UNITED FIRE & INDEMNITY COMPANY FINANCIAL PACIFIC INSURANCE COMPANY

State of Iowa, County of Linn, ss:

By: Lyan & Sel.
Vice President

On 1st day of April, 2024, before me personally came Kyanna M. Saylor to me known, who being by me duly sworn, did depose and say; that she resides in Cedar Rapids, State of Iowa; that she is a Vice President of United Fire & Casualty Company, a Vice President of United Fire & Indemnity Company, and a Vice President of Financial Pacific Insurance Company the corporations described in and which executed the above instrument; that she knows the seal of said corporations; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporations and that she signed her name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporations



Patti Waddell Iowa Notarial Seal Commission number 713274 My Commission Expires 10/26/2025 Vati Wassell Notary Public My commission expires: 10/26/2025

I, Mary A. Bertsch, Assistant Secretary of United Fire & Casualty Company and Assistant Secretary of United Fire & Indemnity Company, and Assistant Secretary of Financial Pacific Insurance Company, do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Section of the bylaws and resolutions of said Corporations as set forth in said Power of Attorney, with the ORIGINALS ON FILE IN THE HOME OFFICE OF SAID CORPORATIONS, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

In testimony whereof I have hereunto subscribed my name and affixed the corporate seal of the said Corporations

this 13th /// day of January

, 20 25

JULY 22 1986

By: Mary A Bottsch

UF&C & UF&I & FPIC

# \*Issued in 2 Original Instruments

Payment Bond (Public Works - Civil Code §9550 et seq.)

The makers of this Bond are Nationwide Con	ntracting Services, Inc. dba Nationwide General Construction
Services as Principal and Original Contrac	tor and United Fire & Casualty Company, a
	ls in California, as Surety, and this Bond is issued in conjunction
	e executed between Principal and COUNTY OF RIVERSIDE a
public entity, as Owner, for \$8,720,393.00 (I	Eight million, seven hundred twenty thousand, three hundred
ninety-three dollars and zero cents) the t	otal amount payable. The amount of this bond is one hundred
percent (100%) of said sum. Said contract is	for public work generally consisting of Pauba Road Widening,
Via Del Monte to Calle Contento, Commu	mity of Rancho California, Project No. C9-0063; and De Luz
Road, Culvert Replacement at Ten Locati	ons Along De Luz Road, Between Calle Capistrano and 2,380
Feet South of Buena Loma Road, Commu	nity of Santa Rosa, Project No. D0-0057.
	ed in 9554 of the Civil Code and requirements and conditions of
this Bond are as is set forth in 9554, 9558, 9	9560 and 9564 of said code. Without notice, Surety consents to
extension of time for performance, change	in requirements, amount of compensation, or prepayment under
said contract.	
	Nationwide Contracting Services, Inc
Dated:1/13/2025	Dba Nationwide General Construction Services
	Original Contractor – Principal
	h lad
United Fire & Casualty Company	By le law
Surety	
	and the first of the second
9/1/2 mm	
By	Title <u>Cesaul</u>
Emmanuel Brizuela,	
Its Attorney In Fact	(If corporation, affix seal)
CO	18/16/169 15
(Corporate Seal)	(Corporate Scal)
S 0 8	*Please See Notary Acknowledgement Attached
STATE OF	ss. SURETY'S ACKNOWLEDGEMENT
COUNTY OF	58. SORETT S ACKNOWLEDGEMENT
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
On'	me, personally
appeared,	, known to me, or proved to me on the basis of
satisfactory evidence, to be the person whose	e name is subscribed to the within instrument and acknowledged
	orized capacities, and that by his signature on the instrument the
person, or the entity upon behalf of which the	e person acted, executed the instrument.
WITNESS my hand and official seal.	
Signature of Notary Public	Notary Public (Seal)

This Bond must be executed by both parties with corporate seal affixed. All signatures NOTE: must be acknowledged. (Attach acknowledgements).

# California Acknowledgment Form

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 sss.
County of Orange
On 1-13-25 before me, Antoine Kaaikati, Notary Public
personally appeared Elic Nader (here insert name and title of the officer)
who proved to me on the basis of satisfactory evidence to be the person(X) whose name(X)(S) are subscribed to the within instrument and acknowledged to me that (ne) she/they executed the same in (nis/her/their authorized capacity(Xs), and that by (nis/her/their signature(Xs)) on the instrument the person(xs), or the entity upon behalf of which the person(xs) 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.
Seal WITNESS my hand and official seal.
ANTOINE KAAIKATI Commission # 2351245 Notary Public - California ORANGE County My Comm Expires MAR 13, 2025
Optional Information
To help prevent fraud, it is recommended that you provide information about the attached document below.  ***This is not required under California State notary public law.***
Document Title: # of Pages:
Notes
Signer's Name: Elie Nader
Corporate Officer- Title(s): President and Secretary
Signer Is Representing: Nationwide Contracting Services, Inc.
,

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

"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	Ventura		
on 1-13-2023	before me, Jodie Lee Doner, Notary Public,		
personally appeared Emm	personally appeared Emmanuel Brizuela		
is/are subscribed to the wi the same in his/her/their a	basis of satisfactory evidence to be the person(s) whose name(s) ithin instrument and acknowledged to me that he/she/they executed authorized capacity(ies) and that by his/her/their signature(s) on the or the entity upon behalf of which the person(s) acted, executed the		
I Certify under PENALTY foregoing paragraph is tru	OF PERJURY under the laws of The State of California that the le and correct.		
	WITNESS my hand and official seal.		
JODIE LEE DONER Notary Public - Califori Ventura County Commission # 247614 My Comm. Expires Dec 12,	18 E C DUIL		
	OPTIONAL		
	not required by law, it may prove valuable to persons relying on the ent fraudulent reattachment of this form.		
CAPACITY CLAIMED BY	SIGNER DESCRIPTION OF ATTACHED DOCUMENT		
□INDIVIDUAL			
☐CORPORATE OFFICER			
TITLES(S)	TITLE OR TYPE OF DOCUMENT		
□PARTNERS □LIMITED			
□GENERAL			
	NUMBER OF PAGES		
☐TRUSTEE(S)			
☐GUARDIAN/CONSERVATOR			
OTHER			
	DATE OF DOCUMENT		
SIGNER IS REPRESENTING: NAME OF PERSON(S) OR ENTIT	Y(IES)		
	SIGNER(S) OTHER THAN NAMED ABOVE		



# UNITED FIRE & CASUALTY COMPANY, CEDAR RAPIDS, IA UNITED FIRE & INDEMNITY COMPANY, WEBSTER, TX FINANCIAL PACIFIC INSURANCE COMPANY, LOS ANGELES, CA CERTIFIED COPY OF POWER OF ATTORNEY

(original on file at Home Office of Company – See Certification)

Inquiries: Surety Department 118 Second Ave SE Cedar Rapids, IA 52401

KNOW ALL PERSONS BY THESE PRESENTS, That United Fire & Casualty Company, a corporation duly organized and existing under the laws of the State of Iowa; United Fire & Indemnity Company, a corporation duly organized and existing under the laws of the State of Texas; and Financial Pacific Insurance Company, a corporation duly organized and existing under the laws of the State of California (herein collectively called the Companies), and having their corporate headquarters in Cedar Rapids, State of Iowa, does make, constitute and appoint

KEVIN P. REED, JESSICA GARCIA, AARON FOSBURG, JODIE LEE DONER, EMMANUEL BRIZUELA, EACH INDIVIDUALLY

their true and lawful Attomey(s)-in-Fact with power and authority hereby conferred to sign, seal and execute in its behalf all lawful bonds, undertakings and other obligatory instruments of similar nature provided that no single obligation shall exceed \$50,000,000.00 and to bind the Companies thereby as fully and to the same extent as if such instruments were signed by the duly authorized officers of the Companies and all of the acts of said Attorney, pursuant to the authority hereby given and hereby ratified and confirmed.

The Authority hereby granted shall expire the 1st day of April, 2026 unless sooner revoked Company, United Fire & Indemnity Company, and Financial Pacific Insurance Company.

by United Fire & Casualty

This Power of Attorney is made and executed pursuant to and by authority of the following bylaw duly adopted by the Boards of Directors of United Fire & Casualty Company, United Fire & Indemnity Company, and Financial Pacific Insurance Company.

#### "Article VI - Surety Bonds and Undertakings"

Section 2, Appointment of Attomey-in-Fact. "The President or any Vice President, or any other officer of the Companies may, from time to time, appoint by written certificates attomeys-in-fact to act in behalf of the Companies in the execution of policies of insurance, bonds, undertakings and other obligatory instruments of like nature. The signature of any officer authorized hereby, and the Corporate seal, may be affixed by facsimile to any power of attomey or special power of attomey or certification of either authorized hereby; such signature and seal, when so used, being adopted by the Companies as the original signature of such officer and the original seal of the Companies, to be valid and binding upon the Companies with the same force and effect as though manually affixed. Such attomeys-in-fact, subject to the limitations set of forth in their respective certificates of authority shall have full power to bind the Companies by their signature and execution of any such instruments and to attach the seal the Companies thereto. The President or any Vice President, the Board of Directors or any other officer of the Companies may at any time revoke all power and authority previously given to any attomey-in-fact.







IN WITNESS WHEREOF, the COMPANIES have each caused these presents to be signed by its vice president and its corporate seal to be hereto affixed this 1st day of April. 2024

UNITED FIRE & CASUALTY COMPANY UNITED FIRE & INDEMNITY COMPANY FINANCIAL PACIFIC INSURANCE COMPANY

State of Iowa, County of Linn, ss:

Vice President

On 1st day of April, 2024, before me personally came Kyanna M. Saylor to me known, who being by me duly sworn, did depose and say; that she resides in Cedar Rapids, State of Iowa; that she is a Vice President of United Fire & Casualty Company, a Vice President of United Fire & Indemnity Company, and a Vice President of Financial Pacific Insurance Company the corporations described in and which executed the above instrument; that she knows the seal of said corporations; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporations and that she signed her name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporations.



Patti Waddell Iowa Notarial Seal Commission number 713274 My Commission Expires 10/26/2025 Atti Wolfell
Notary Public
My commission expires: 10/26/2025

I, Mary A. Bertsch, Assistant Secretary of United Fire & Casualty Company and Assistant Secretary of United Fire & Indemnity Company, and Assistant Secretary of Financial Pacific Insurance Company, do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Section of the bylaws and resolutions of said Corporations as set forth in said Power of Attorney, with the ORIGINALS ON FILE IN THE HOME OFFICE OF SAID CORPORATIONS, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

Intestimony whereof I have hereunto subscribed my name and affixed the corporate seal of the said Corporations

this 13th day of January

, 20 25



BP A0045/1/22015





By: Mary A Buttoch
Assistant Secretary,

UF&C & UF&I & FPIC



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 1/7/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s) PRODUCER License # 0C36861 CONTACT Rocky Qualin San Diego-Alliant Insurance Services, Inc. 701 B St 6th FI PHONE (A/C, No, Ext): Rocky.Qualin@alliant.com San Diego, CA 92101 INSURER(S) AFFORDING COVERAGE NAIC # INSURER A : PartnerRe Insurance Solutions Bermuda Ltd 00000 INSURED INSURER B : AXIS Surplus Insurance Company Nationwide Contracting Services, Inc. 7660 Liberty Dr INSURER D : Huntington Beach, CA 92647-6709 INSURER E: INSURER F : COVERAGES CERTIFICATE NUMBER: REVISION NUMBER: THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN. THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS. EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. TYPE OF INSURANCE POLICY EFF POLICY EXP POLICY NUMBER LIMITS A X COMMERCIAL GENERAL LIABILITY 1,000,000 EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) s CLAIMS-MADE X OCCUR VCP2024208 01 50,000 8/1/2024 X 8/1/2025 5,000 MED EXP (Any one person) 1,000,000 PERSONAL & ADV INJURY 2,000,000 GEN'L AGGREGATE LIMIT APPLIES PER GENERAL AGGREGATE POLICY PRO 2,000,000 PRODUCTS - COMP/OP AGG
EBL AGGREGATE 1,000,000 OTHER COMBINED SINGLE LIMIT (Ea accident) AUTOMOBILE LIABILITY ANY AUTO BODILY INJURY (Per person) SCHEDULED OWNED AUTOS ONLY BODILY INJURY (Per accident)
PROPERTY DAMAGE
(Per accident) HIRED ONLY NOTI-QWNFD UMBRELLA LIAB X OCCUR 5,000,000 EACH OCCURRENCE X EXCESS LIAB CLAIMS-MADE VCX2024167 01 8/1/2024 8/1/2025 X 5,000,000 AGGREGATE DED X RETENTIONS WORKERS COMPENSATION AND EMPLOYERS' LIABILITY PER STATUTE OTH-ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE If yes, describe under
DESCRIPTION OF OPERATIONS below
B Equipment Floater E.L. DISEASE - POLICY LIMIT

Contract Equip 799091012024 2/20/2024 2/20/2025 1,342,580 DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
RE: Project No. C9-0063 Pauba Road WideningVia Del Monte to Calle Contento Community of Rancho California; Project No. D0-0057 De Luz Road Culvert
Replacement at Ten Locations Along De Luz FloadBetween Calle Capistrano and 2,380 Feet South of Buena Loma Road Community of Santa Rosa County of Riverside, its Agencies, Special Districts and Departments, their respective director, officers, Board of Supervisors, elected and appointed officials, employees, agents, and representatives, City of Temecula, their elected and appointed officials, employees, agents, and representatives, Rancho California Water District, their elected and appointed officials, employees, agents, and representatives are named as Additional Insured and coverage is Primary and Non-Contributory with respect to the General Liability and Umbrella Liability. 30 Days Notice of Cancellation - 10 Days Notice for Non-Payment of Premium. GL is scheduled as underlying CERTIFICATE HOLDER CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. County of Riverside Transportation Department Attn: Contracts/Bidding Unit 3525 14th Street AUTHORIZED REPRESENTATIVE Riverside, CA 92501

Policy Number: VCP2024208-01 Effective Date: 08/01/2024 Expiration Date: 08/01/2025

# VIRTUE PLEDGE

### COMMON POLICY CONDITIONS

This endorsement modifies insurance provided under VIRTUE PLEDGE PACKAGED LIABILITY POLICY.

Notwithstanding anything contained to the contrary in this VIRTUE PLEDGE Package Policy, it is hereby agreed that all coverages bound and scheduled in the VIRTUE PLEDGE PACKAGED LIABILITY POLICY Declarations or the Contractors Pollution Liability Supplemental Declarations are subject to the following terms and conditions. In the event of a conflict between the provisions of these Common Policy Conditions and any Coverage Part, the provisions of these Common Policy Conditions shall control.

# A. LIMITS OF LIABILITY AND DEDUCTIBLE - ALL COVERAGE PARTS

- 1. With the exception of any defense costs paid under the Commercial General Liability Coverage Part, the General Aggregate Limit Applicable to All Coverage Parts Combined, shown in the Declarations under Item III: Limits of Liability, is the most we will pay for the sum of CLAIMS, CLAIMS EXPENSES, occurrences or damages under all Coverage Parts, Optional Coverages, Supplemental Coverages, and Supplementary Payments under this VIRTUE PLEDGE Package Policy.
- 2. If any CLAIM under any Coverage Part of this VIRTUE PLEDGE Package Policy applies to multiple Coverage Parts, then the General Aggregate Limit Applicable to All Coverage Parts Combined, shown in the Declarations shall be limited to the highest applicable Limit of Liability payable under any one of the applicable Coverage Parts, with the exception of any applicable Excess Liability Coverage.

### **B. ADDITIONAL INSURED**

- 1. It is understood and agreed that Section II. WHO IS AN INSURED of the Commercial General Liability Coverage Part and Section IV. DEFINITIONS, Paragraph I. INSURED of the Contractors Pollution Legal Liability and Professional Liability Coverage Parts, as applicable, are amended to include ADDITIONAL INSUREDS, but only with respect to liability for "bodily injury," "property damage," "personal and advertising injury" or LOSS caused, in whole or in part, by:
  - a) "your work", YOUR SERVICES, or PROFESSIONAL SERVICES performed for that ADDITIONAL INSURED and included in the "products-completed operations hazard";
  - b) Your acts or omissions in the performance of your ongoing operations for that ADDITIONAL INSURED; or
  - c) The acts or omissions of those acting on your behalf in the performance of your ongoing operations for that ADDITIONAL INSURED.

#### However:

- 1. The insurance afforded to such ADDITIONAL INSURED only applies to the extent permitted by law; and
- 2. If coverage provided to the ADDITIONAL INSURED is required by a contract or agreement, the insurance afforded to such ADDITIONAL INSURED will not be broader than that which you are required by the contract or agreement to provide for such ADDITIONAL INSURED.
- 2. With respect to the insurance afforded to any ADDITIONAL INSURED, the following is added to Section III. LIMITS OF INSURANCE of the Commercial General Liability Coverage Part and Section V. LIMITS OF LIABILITY AND DEDUCTIBLE of the Contractors Pollution Legal Liability and Professional Liability Coverage Parts:

If coverage provided to the ADDITIONAL INSURED is required by a contract or agreement, the most we will pay on behalf of the ADDITIONAL INSURED is the amount of insurance:

- a. Required by the contract or agreement; or
- b. Available under the applicable Limits of Insurance, whichever is less.

It is understood and agreed that for the purposes of this Endorsement the following definition shall apply.

#### A. ADDITIONAL INSURED means:

- Any person or entity specifically endorsed onto this Policy as an ADDITIONAL INSURED. If any, such ADDITIONAL INSURED shall maintain only those rights pursuant to this Policy as are specified by endorsement; or
- 2. Any person or organization the NAMED INSURED is required to name as an additional insured in a written contract or agreement, but only with respect to "your work," YOUR SERVICES or PROFESSIONAL SERVICES performed by or on behalf of the NAMED INSURED for that person or organization. However, such persons or organizations are covered only with respect to "bodily injury," "property damage," "personal and advertising injury," or LOSS arising out of "your work," YOUR SERVICES or PROFESSIONAL SERVICES and are not covered for any "bodily injury," "property damage," "personal and advertising injury," or LOSS arising out of the person's or organization's own liability.

#### C. EXCLUSIONS

There is no coverage whatsoever under this Policy for any of the following. We will also have no duty to defend the insured against any suit seeking damages to which this insurance does not apply.

1. Cross Suits

Any INJURY or DAMAGE, liability or obligation from any CLAIM initiated, alleged or caused to be brought about by a NAMED INSURED or INSURED against any other NAMED INSURED or INSURED.

This exclusion shall not apply to INJURY, DAMAGE, or CLAIMS brought by any person(s) or organization(s) whom you agree, in a written contract, to name as an ADDITIONAL INSURED, provided such ADDITIONAL INSURED:

- a) is not a parent, subsidiary or affiliate of any NAMED INSURED;
- b) does not have any ownership interest in any NAMED INSURED;
- c) is not owned, operated, controlled, or managed by any NAMED INSURED.
- 2. Prior Knowledge, Expected or Intended Injury BODILY INJURY, PROPERTY DAMAGE, ENVIRONMENTAL DAMAGE, POLLUTION CONDITIONS or any LOSS expected or intended, should have been known by, or could have reasonably been expected by any RESPONSIBLE INSURED, to give rise to a CLAIM. This exclusion shall not apply to BODILY INJURY resulting from the use of reasonable force to protect persons or property.
- 3. Intentional Acts

BODILY INJURY, PROPERTY DAMAGE, ENVIRONMENTAL DAMAGE or any LOSS based upon or arising from any acts of an INSURED which are based upon or otherwise attributed to the INSURED'S intentional, willful, dishonest, fraudulent, malicious, deliberate or knowingly wrongful act, including but not limited to such behavior or non-compliance with any statute, regulation, ordinance, administrative complaint, notice of violation, notice letter, executive order, or instruction of any governmental agency or body prior to or after inception of this Policy, including but not limited to an intentional discharge, seepage, disposal, dispersal, migration, release of any substance that could cause a POLLUTION CONDITION, committed by or at the direction of a RESPONSIBLE INSURED.

This exclusion does not apply to a RESPONSIBLE INSURED that did not commit, participate in, or have knowledge of such an act.

4. Workers' Compensation

Any liability or obligation of any INSURED under any workers compensation, disability benefits, unemployment compensation, employee benefits, pension sharing, ERISA law or any similar federal, state or local law and any amendments thereto.

- Employment Practices Liability INJURY OR DAMAGE to:
  - a. A person arising out of any:
    - (1) Refusal to employ that person;
    - (2) Termination of that person's employment; or

- (3) Employment-related practices, policies, acts or omissions, such as coercion, demotion, evaluation, reassignment, discipline, defamation, harassment, humiliation, discrimination or malicious prosecution directed at that person; or
- b. The spouse, child, parent, brother or sister of that person as a consequence of INJURY OR DAMAGE to that person at whom any of the employment-related practices described in paragraphs (1), (2) or (3) above is directed.

This exclusion applies whether the injury-causing event described in paragraphs (1), (2) or (3) above occurs before employment, during employment or after employment of that person.

This exclusion applies:

1. Whether the insured may be liable as an employer or in any other capacity; and

To any obligation to share damages with or repay someone else who must pay damages because of the injury.

# Employer's Liability BODILY INJURY to:

- An EMPLOYEE of any INSURED, their parent, subsidiary or affiliate, arising out of and in the course
  of employment by any INSURED, their parent, subsidiary or affiliate, or while performing duties related
  to the conduct of any INSURED'S business or the business of any INSURED's parent, subsidiary or
  affiliate; and
- 2. The spouse, child, parent, brother or sister of that EMPLOYEE as a consequence of Paragraph 5 a. above.

This exclusion applies whether any INSURED may be liable as an employer or in any other capacity and to any obligation of any INSURED to share damages with or repay someone who must pay damages because of such BODILY INJURY. This exclusion does not apply to liability assumed by any INSURED under an INSURED CONTRACT.

#### 7. Related Claims

Any coverage provided under this Policy shall not apply to a CLAIM previously reported to the Company or any CLAIM or CLAIMS EXPENSES involving substantially the same general conditions or allegations that gave rise to any demand as referenced in the application, including any addendum or addenda attached thereto.

8. Injunctive Relief, Fines and Penalties
Any CLAIM seeking injunctive relief or payment for fines or penalties.

# 9. Project Coverage

Any liability or obligation from any project for which any INSURED is an insured on a separate project-specific policy issued by any insurance company.

#### 10. Unsolicited Communications

Any liability or obligation, including obligations to pay damages or defend any claim or suit by reason of the assumption of liability in an INSURED CONTRACT, from unsolicited communications or allegations of unsolicited communications made by or on behalf of any INSURED.

Unsolicited communications means any form of communication, distribution, or the transmittal or publication of information or material, including, but not limited to facsimile, electronic mail, postal mail, express mail, telephone, internet or web-based advertisement, instant message, SMS message or text message that the recipient has not specifically requested. Unsolicited communications includes, but is not limited to actual or alleged violations of:

- a. The Telephone Consumer Protection Act (47 U.S.C 227), including any amendment of, or addition to, such statute:
- b. The Controlling the Assault of Non-Solicited Pornography and Marketing Act (15 U.S.C 7701), including any amendment of, or addition to, such statue; or
- c. Any other statue, ordinance or regulation relating to the communication, distribution or transmittal of unwanted content, information or material.

# 11. Access or Disclosure of Confidential or Personal Information

Any liability or obligation arising out of any access to or disclosure of any person's or organization's confidential or personal information, including patents, trade secrets, processing methods, customer lists, financial information, credit card information, health information or any other type of nonpublic information.

This exclusion applies even if damages are claimed for notification costs, credit monitoring expenses, forensic expenses, public relations expenses or any other loss, cost or expense incurred by you or others arising out of any access to or disclosure of any person's or organization's confidential or personal information.

## 12. Cyber Liability

Any liability or obligation arising out of any cyber liability, including but not limited to data breach, spyware, malware, ransomware, phishing, or other electronic system hack or breach.

### 13. Climate Change

Any liability or obligation arising out of allegations related to global warming or climate change, including but not limited to effects of any naturally occurring or man-made gas, on the earth's climate.

# 14. Fire Suppression Negligence Exclusion

Any liability or obligation arising out of the NAMED INSURED'S failure to provide safeguards, monitoring or emergency fire suppression equipment, during and up to one hour after performing any operations involving any activity or operation that generates sparks, flames or heat capable of causing combustion.

#### 15. War

Any liability or obligation of any INSURED caused, arising, directly or indirectly, out of:

a. War, including undeclared or civil war;

- Warlike action by a military force, including action in hindering or defending against an actual or expected attack, by any government, sovereign or other authority using military personal or other agents; or
- c. Insurrection, rebellion, revolution, usurped power, or action taken by governmental authority in hindering or defending against any of these.

#### 16. Radioactive Waste

Any liability or obligation for radioactive, toxic or explosive properties of NUCLEAR MATERIAL. This exclusion shall not apply to the INSURED'S work as it relates to remediation and/or decommissioning of nonreactive sites which may contain or have become contaminated with Low-Level Radioactive Waste as defined in the Low-Level Radioactive Waste Policy Act and which is under the regulatory authority of the Atomic Energy Act of 1954, as amended.

#### 17. NUCLEAR EXCLUSION

# I. Any obligation:

- A. Under any Liability Coverage, to injury, sickness, disease, death or destruction, BODILY INJURY or PROPERTY DAMAGE:
  - With respect to which an INSURED under the Policy is also an INSURED under a nuclear energy liability policy issued by Nuclear Energy Liability Insurance Association, Mutual Atomic Energy Liability Underwriters, Nuclear Insurance Association of Canada or any of their successors, or would be an INSURED under any such policy but for its termination upon exhaustion of its limit of insurance; or
  - 2. Resulting from the HAZARDOUS PROPERTIES of NUCLEAR MATERIAL and with respect to which: (a) any person or organization is required to maintain financial protection pursuant to the Atomic Energy Act of 1954, or any law amendatory thereof, or (b) the INSURED is, or had this policy not been issued would be, entitled to indemnity from the United States of America, or any agency thereof, under any agreement entered into by the United States of America, or any agency thereof, with any person or organization.

- B Under any Medical Payments Coverage, or under any Supplementary Payments Provision relating to immediate medical or surgical relief, first aid, to expenses incurred with respect to BODILY INJURY, sickness, disease or death resulting from the HAZARDOUS PROPERTIES of NUCLEAR MATERIAL and arising out of the operation of a NUCLEAR FACILITY by any person or organization.
- C. Under any Liability Coverage, to injury, sickness, disease, death or destruction, BODILY INJURY or PROPERTY DAMAGE resulting from HAZARDOUS PROPERTIES of NUCLEAR MATERIAL, if:
  - 1. The NUCLEAR MATERIAL is at, or has been discharged or dispersed from any NUCLEAR FACILITY owned by, or operated by or on behalf of, an INSURED; or
  - The NUCLEAR MATERIAL is contained in SPENT FUEL or WASTE and was at any time possessed, handled, used, processed, stored, transported or disposed of by or on behalf of an INSURED; or
  - 3. The injury, sickness, disease, death or destruction, BODILY INJURY or PROPERTY DAMAGE arises out of the furnishing by an INSURED of services, materials, parts or equipment in connection with the planning, construction, maintenance, operation or use of any NUCLEAR FACILITY, but if such facility is located within the United States of America, its territories or possessions or Canada, this exclusion (3) applies only to injury to or destruction of property at such NUCLEAR FACILITY, PROPERTY DAMAGE to such NUCLEAR FACILITY and any property thereat.

# As used in this Endorsement:

- A. HAZARDOUS PROPERTIES mean radioactive, toxic or explosive properties.
- B. NUCLEAR FACILITY means:
  - 1. Any NUCLEAR REACTOR;
  - 2. Any equipment or device designed or used for (a) separating the isotopes of uranium or plutonium, (b) processing or utilizing SPENT FUEL, or (c) handling, processing or packaging WASTE;
  - 3. Any equipment or device used for the processing fabricating or alloying of SPECIAL NUCLEAR MATERIAL, if at any time the total amount of such material in the custody of the INSURED at premises where such equipment or device is located consists of or contains more than 25 grams of plutonium or uranium 233 or any of the combination thereof, or more than 250 grams of uranium 235; or
  - 4. Any structure, basin, excavation, premises or place prepared or used for the storage or disposal of WASTE including the site on which any of the foregoing is located, all operations conducted on such site and all premises used for such operations.
- C. NUCLEAR MATERIAL means SOURCE MATERIAL, SPECIAL NUCLEAR MATERIAL, or BY-PRODUCT MATERIAL.
- D. NUCLEAR REACTOR means any apparatus designed or used to sustain nuclear fission in a self-supporting chain reaction or to contain a critical mass of fissionable material.
- E. SOURCE MATERIAL, SPECIAL NUCLEAR MATERIAL, and BY-PRODUCT MATERIAL have the meanings given them in the Atomic Energy Act of 1954 or in any law amendatory thereof.
- F. SPENT FUEL means any fuel element or fuel component, solid or liquid, which has been used or exposed to radiation in a NUCLEAR REACTOR.
- G. WASTE means any waste material: (a) containing BY-PRODUCT MATERIAL other than the tailings or waste produced by the extraction or concentration of uranium or thorium from any ore processed primarily for its SOURCE MATERIAL content, and (b) resulting from the operation by any person/organization of any NUCLEAR FACILITY included in the first two paragraphs of NUCLEAR FACILITY.

With respect to injury to or destruction of property, the word injury or the word destruction includes all forms of radioactive contamination of property. PROPERTY DAMAGE also includes all forms of radioactive contamination of property.

#### D. GENERAL CONDITIONS

- 1. Actions Against Company: No action shall lie against the Company unless, as a condition precedent thereto, each INSURED has fully complied with all of the provisions of this Policy, or until the amount of the INSURED'S obligation to pay shall have been finally determined either by written agreement of the INSURED or by judgment against the INSURED after actual trial and appeal has been concluded.
  - Any person, organization or legal representative thereof who has secured such judgment or written agreement shall thereafter be entitled to recover under this Policy to the extent of the insurance afforded by this Policy. No person or organization shall have any right under this Policy to join the Company as a party to any action against the INSURED to determine the INSURED liability, nor shall the Company be impleaded by the INSURED or his legal representative.
- 2. Additional Premiums: If, during this POLICY PERIOD, an increase in the risk or hazards covered hereunder occurs, the Company shall have the right to charge the appropriate additional premium.
- 3. Assignment: This Policy may not be assigned and shall be void if assigned or transferred without prior written consent of the Company.
- 4. Bankruptcy or Insolvency: Bankruptcy or Insolvency of the INSURED or of the INSURED estate shall not relieve the Company of any of its obligations hereunder.
- 5. Cancellation: This Policy may be cancelled by the NAMED INSURED by surrender thereof to the Company or any of its authorized agents or by mailing written notification stating when thereafter the cancellation shall be effective. This Policy may be cancelled by the Company for any reason, by mailing to the NAMED INSURED at the address shown in the Policy, written notification not less than 60 days (10 days for nonpayment of premium) thereafter such cancellation shall be effective. Proof of mailing of such notification shall be sufficient proof of notification. The time of surrender or the effective date and hour of cancellation stated in the notification shall become the end of the POLICY PERIOD. Delivery of such written notification either by the NAMED INSURED or by the Company shall be equivalent to mailing. If the NAMED INSURED cancels, earned premium shall be computed in accordance with the customary short rate table and procedure. If the Company cancels, earned premium shall be computed pro rata. Premium adjustment may be either at the time cancellation is effected or as soon as practicable after cancellation becomes effective, but payment or tender of unearned premium is not a condition of cancellation. The Company shall be entitled to cancel for non-payment of premium should monies, including, but not limited to premium, fees, or deductibles, be owed on any current or past policy by any NAMED INSURED to the Company. The Company shall be entitled to retain any unearned premium toward such monies owed.
- 6. Changes: Notification to any agent or knowledge possessed by any agent or by any other person shall not effect a waiver or a change in any part of this Policy or estop the Company from asserting any right under the terms of this Policy; nor shall the terms of this Policy be waived or changed, except by endorsement issued to form a part of this Policy.
- 7. Choice of Law: The policy shall be governed and construed in accordance with the laws of the State of New York, without giving effect to conflict of law rules.
- 8. Coverage Territory. This Policy applies to CLAIMS made:
  - a. In the United States of America (including its territories and possessions), Puerto Rico and Canada;
  - b. International waters or airspace, but only if the injury or damage occurs in the course of travel or transportation between any places included in Paragraph A above; or
  - c. All other parts of the world if the injury or damage arises out of:
    - i. Goods or products made or sold by the INSURED in the territory described in Paragraph a. above; or ii. The activities of a person whose home is in the territory described in Paragraph a. above, but is away for a short time on your business.

provided the insured's responsibility to pay damages is determined in a CLAIM on the merits, in the territory described in Paragraph a. above or in a settlement we agree to.

- 9. Declarations and Representations: By acceptance of this Policy, the NAMED INSURED agrees that the statements contained in the Application for insurance, all supplemental materials, CLAIM information and any other information including submitted to the Company, including but not limited to the aforementioned, are accurate and complete at the time such information was reported. All submitted information comprise the INSURED'S agreements and representations, and knowledge that this Policy is issued in reliance upon the truth of such representations and that this Policy Declarations, Provisions, and Endorsements embody all agreements existing between all INSUREDS and the Company and supersede any prior express or implied agreements relating to this Policy.
  - The NAMED INSURED acknowledges and agrees that the Application and any other information submitted by the NAMED INSURED is incorporated into, and is part of, this Policy. The NAMED INSURED also acknowledges and agrees that the representations and warranties and contained in the Application or in any other information submitted by the NAMED INSURED in an effort to procure this Policy, are complete, true and correct and that the Company issued this Policy in specific reliance upon the representations and warranties contained in the Application and in any other information submitted by the NAMED INSURED.
- 10. Independent Counsel: In the event the INSURED is entitled by law to select independent counsel to defend the INSURED at the Company's expense, the attorney fees and all other litigation expenses the Company must pay to that counsel are limited to the rates the Company actually pays to counsel the Company retains in the ordinary course of business in the defense of a similar CLAIM or in the community where the CLAIM arose or is being defended.
  - Additionally, the Company may exercise the right to require that such counsel have certain minimum qualifications with respect to their competency, including experience in defending CLAIMS similar to the one pending against the INSURED and to require such counsel to have errors and omissions insurance coverage. As respects any such counsel, the INSURED agrees that counsel will timely respond to the Company's requests for information regarding the CLAIM. Furthermore, the INSURED may at any time, by its signed consent, freely and fully waive its right to select independent counsel.
- 11. Inspection and Audit: Any of the Company's authorized representatives shall have the right and opportunity, but not the obligation, when the Company so desires, to interview persons employed by the INSURED and to inspect at any reasonable time, during the POLICY PERIOD or thereafter, the INSURED'S premises, equipment, operations, COVERED LOCATIONS and all improvements, structures, products, ways, works, machinery and appliances thereon; but neither the Company nor its representatives shall assume any responsibility or duty to the INSURED or to any other party, person or entity, by reason of such right or inspection. Neither the Company's right to make inspections, nor the actual undertaking thereof nor any report thereon shall constitute an undertaking on behalf of the INSURED or others, to determine or warrant that property or operations are safe, healthful or conform to acceptable engineering practices or are in compliance with any law, rule or regulation. The NAMED INSURED agrees to provide access to appropriate personnel to assist the Company's representatives during any inspection. The Company shall also have the right to examine or audit any financial records of the NAMED INSURED to inspect for accuracy in reporting income or revenue as represented and warranted in the Application. Premium audits may be processed as a result of such inspection, after any policy expires or is terminated. Premium adjustment calculations shall determine additional premiums due, if any, and shall not result in any mid-term downward adjustment of premium.
- 12. Material Change in Risk: The INSURED must endeavor to notify the Company, in writing, of any change in operations which materially increases the risk from that originally assumed by the Company at Policy inception. Any failure by the INSURED to notify the Company may void all additional risk presented to the Company, if that failure to notify the Company presents additional exposure that the company has not had the opportunity to assess or receive due consideration for. The Company reserves the right to rescind all coverage offered under this policy, accordingly.

- 13. Mediation and Deductible Credit: If the INSURED and the Company agree to use Mediation to resolve a covered CLAIM, and is completely resolved by such Mediation, the INSURED's Deductible obligation will be reduced by 75%, subject to a maximum monetary reduction of \$35,000. For the purpose of this paragraph, Mediation means a non-binding process where a neutral panel of individuals assist the parties to reach their own settlement. When this occurs, we will reimburse the NAMED INSURED as soon as practical for any qualifying deductible amount which was already paid by the NAMED INSURED prior to the Mediation.
- 14. Minimum Earned Premium: If this Policy is cancelled at the request of any NAMED INSURED, the total retained by the Company shall not be less than 25.00%.
- 15. Nonrenewal: The Company may non-renew this Policy by mailing or delivering to the NAMED INSURED at the address stated on the Declarations Page, or any endorsement amending the Declarations Page, written notice of nonrenewal at least sixty (60) days before the expiration date of this Policy. The offer of Policy terms, conditions or premium different than those in effect prior to renewal, shall not constitute non-renewal.
- 16. Other Insurance:

Commercial General Liability Coverage Only:

- a. Primary Insurance: This insurance is primary except when b. below applies.
- b. Excess Insurance:
  - (1) This insurance is excess over any other insurance, whether primary, excess, contingent or on any other basis:
    - (a) That is Fire, Extended Coverage, Builder's Risk, Installation Risk or similar coverage for "your work";
    - (b) That is Fire insurance for premises rented to you or temporarily occupied by you with permission of the owner;
    - (c) That is insurance purchased by you to cover your liability as a tenant for "property damage" to premises rented to you or temporarily occupied by you with permission of the owner;
    - (d) If the loss arises out of the maintenance or use of aircraft, "auto" or watercraft to the extent not subject to Exclusion g. of Coverage A (SECTION I); or
    - (e) That is valid and collectible insurance available to you under any other policy.
  - (2) When this insurance is excess, we will have no duty under Coverages A or B to defend the insured against any "suit" if any other insurer has a duty to defend the insured against that "suit." If no other insurer defends, we will undertake to do so, but we will be entitled to the insured's rights against all those other insurers.
  - (3) When this insurance is excess over other insurance, we will pay only the amount of the loss, if any, that exceeds the sum of:
    - (a) The total amount that all such other insurance would pay for the loss in the absence of this insurance; and
    - (b) The total of all deductible and self-insured amounts under all other insurance.

If a loss occurs involving two or more policies, each of which states that its insurance will be excess, then our policy will contribute on a pro rata basis.

All Other Coverage Parts except the Environmental Impairment Liability Coverage Part: If any part of either LOSS or CLAIMS EXPENSE are covered under this Policy and any other valid and collectible current, prior or subsequent Policy(ies) issued by any other insurer, this Policy shall provide coverage for such LOSS or CLAIMS EXPENSE on a pro rata basis with such other policy according to the applicable Limits of Liability of the applicable Coverage Part and such other policy. This coverage shall apply on an excess basis over any and all Project Specific Policies.

This insurance shall in no way be increased or expanded as a result of the receivership, insolvency, or inability to pay of any insurer with respect to both the duty to indemnify and the duty to defend. This also applies to the INSURED while acting as a self-insured for any coverage. The INSURED shall promptly upon the request of the Company provide the Company with copies of all policies potentially applicable against the liability to which this Policy applies.

The Company's obligation to make any payment for TRANSPORTATION shall be on an excess and non-contributory basis over any other primary and excess insurance available to the INSURED, whether collectible or not.

- 17. Primary Non-Contributory: Except as otherwise specified herein, this Policy shall be considered primary to any similar insurance held by third parties with respect to "your work," YOUR SERVICES and PROFESSIONAL SERVICES performed by you under any written contractual agreement with such third party. It is further agreed that any other insurance which person(s) or organizations(s) as referenced above may have, is excess and non-contributory to this insurance.
- 18. Severability: Except with respect to the Limits of Liability, and any rights or duties specifically assigned in this Policy to the NAMED INSURED, this insurance applies as if each NAMED INSURED were the only NAMED INSURED and separately to each INSURED against whom a CLAIM is made. Notwithstanding the foregoing, where no coverage is afforded under this policy to the NAMED INSURED, no coverage is afforded to any INSURED under this policy.
- 19. Sole Agent: The NAMED INSURED first listed in the Declarations shall be deemed agent of, and act on behalf of, all other INSUREDS, if any, with respect to all matters involving this policy, including the payment or return of premium, payment of all deductibles, receipt and acceptance of any endorsement issued to form a part of the Policy, giving and receiving notification of cancellation or non-renewal, and the exercise the Policy of the rights provided in the Extended Reporting Period clause, if applicable. The Company shall have the right to seek indemnification from any INSURED or any other person who may be legally liable for the debts of the NAMED INSURED.
- 20. Transfer or Recovery Rights: If the Company pays any amount or incurs CLAIM EXPENSE under this Policy, the Company shall be subrogated to the rights of recovery of each INSURED, against any person, firm or organization. All INSUREDS shall execute and deliver instruments and papers and do whatever else is necessary to secure such rights, including without limitation, assignment of the INSURED rights against any person or organization on account of which the Company made payment or incurred coverage expense under this Policy. The INSURED shall do nothing to waive or prejudice such rights either prior or subsequent to any CLAIM.
- 21. Transfer of the NAMED INSURED'S Rights and Duties: The NAMED INSURED'S rights and duties under this policy may not be transferred without the Company's written consent except in the case of death of an individual NAMED INSURED. If an individual NAMED INSURED dies, their rights and duties will be transferred to the NAMED INSURED'S legal representative, but only while acting within the scope of duties as the NAMED INSURED'S legal representative. Until the NAMED INSURED'S legal representative is appointed, anyone having proper temporary custody of the NAMED INSURED'S property will have the NAMED INSURED'S rights and duties, but only with respect to that property.
- 22. Waiver of Subrogation: The Company waives any right of recovery it may have against any person(s) or organization(s) to whom the NAMED INSURED agrees, in a written contract, to provide a waiver of subrogation because of payments the Company makes for injury or damage arising out of the YOUR SERVICES done under a contract with that person or organization. This status exists only for the project specified in that contract. Under no circumstances shall this provision act to extend the policy period, change the scope of coverage, or increase the Aggregate Limits of Insurance scheduled in the VIRTUE PLEDGE Package Policy Declarations or in any Supplemental Declarations. This paragraph shall not apply to the Environmental Impairment Liability Coverage Part.

- 23. Claim and Loss Apportionment. If a Claim made against an Insured includes both covered and uncovered allegations, or is made against an Insured and others not insured, the Insured and the Company recognize that there must be an allocation between covered and uncovered Claim Expenses and Loss payments, if any. The Insured and the Company shall use good faith efforts to agree upon a fair allocation between covered and uncovered Claims, Claim Expenses, and Loss taking into account the relative legal and financial exposures, and the relative benefits obtained in connection with the defense and/or settlement of the Claim by the Insured or others.
  - a. If the Insured and the Insurer are unable to agree on the amount of the allocation, then the Company shall pay only those amounts (excess of the Deductible) which the Company deems to be fair and equitable until a different amount shall be agreed upon or determined pursuant to the terms of this Policy.
  - b. The Company may advance Claims Expenses and or Loss and pursuant to this paragraph prior to the final disposition of any such Claim, provided such Claim is covered by this Policy. Any such advance shall be on the condition that:
    - (1) the appropriate Deductible has been satisfied; and
    - (2) any amounts advanced by the Company shall serve to reduce the Limit of Liability stated in the Declarations to the extent they are not in fact repaid; and
    - (3) the Insured and the Company have agreed upon the portion of the Claims Expenses or Loss attributable to covered Claims against the Insureds; provided, however, if no agreement, the Company shall pay Costs of Defense as specified herein; and
    - (4) in the event it is finally established that the Company has no liability under the Policy for such Claim, the Insured will repay the Company all Claims Expenses and/or Loss advanced by virtue of this provision.

All other policy terms and conditions shall remain the same.

PLEASE READ THIS ENDORSEMENT CAREFULLY AND COMPLETELY. THIS ENDORSEMENT CHANGES THE POLICY. ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.

But:

- (1) The amount we will pay for ULTIMATE NET LOSS is limited as described in Section II Limits Of Insurance; and
- (2) Our right and duty to defend ends when we have used up the applicable limit of insurance in the payment of judgments or settlements under this Policy. However, if the policy of UNDERLYING INSURANCE specifies that limits are reduced by defense expenses, our right and duty to defend ends when we have used up the applicable limit of insurance in the payment of defense expenses, judgments or settlements under this Policy.
- b. This insurance applies to INJURY OR DAMAGE that is subject to an applicable LIMIT OF UNDERLYING INSURANCE ". If any other limit, such as a sublimit, is specified in the UNDERLYING INSURANCE, this insurance does not apply to INJURY OR DAMAGE arising out of that exposure unless that limit is specified in the Declarations under the Schedule of UNDERLYING INSURANCE.
- c. If the UNDERLYING INSURANCE requires, for a particular claim, that the INJURY OR DAMAGE occur during its policy period in order for that coverage to apply, then this insurance will only apply to that INJURY OR DAMAGE if it occurs during the policy period of this Policy. If the UNDERLYING INSURANCE requires that the EVENT causing the particular INJURY OR DAMAGE takes place during its policy period in order for that coverage to apply, then this insurance will apply to the claim only if the EVENT causing that INJURY OR DAMAGE takes place during the policy period of this Policy.
- d. Any additional insured under any policy of UNDERLYING INSURANCE will automatically be an additional insured under this insurance. If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance required by the contract, less any amounts payable by any UNDERLYING INSURANCE.

Additional insured coverage provided by this insurance will not be broader than coverage provided by the UNDERLYING INSURANCE.

# 2. Exclusions

The following exclusions, and any other exclusions added by endorsement, apply to this Policy. In addition, the exclusions applicable to any UNDERLYING INSURANCE apply to this insurance unless superseded by the following exclusions, or superseded by any other exclusions added by endorsement to this Policy. Insurance provided under this Policy does not apply to:

- a. Medical Payments
  - Medical payments coverage or expenses that are provided without regard to fault, whether or not provided by the applicable UNDERLYING INSURANCE.
- Project Aggregate
   Coverage shall not apply to any Project Aggregate Coverage endorsed onto any UNDERLYING INSURANCE.
- c. Access of Disclosure of Confidential or Personal Information
  INJURY OR DAMAGE arising, out of any access to or disclosure of any person's or organization's confidential or personal information, including patents, trade secrets, processing methods, customer lists, financial information, credit card information, health information or any other type of nonpublic information.

This exclusion applies even if damages are claimed for notification costs, credit monitoring expenses, forensic expenses, public relations expenses or any other loss, cost or expense incurred by you or others arising out of any access to or disclosure of any person's or organization's confidential or personal information.



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 01/07/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

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100 Pacifica Ste 480  Invine  CA 92618  Nationwide Contracting Services Inc. DBA Nationwide Centracting Services Inc.	ice Services	ces				PHONE (A/C. No	Ext): 949-72	27-2025		FAX (A/C, No):	949-72	7-9219
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# CERTIFICATE OF LIABILITY INSURANCE

01/07/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODU	JCER				NAME:	Andrew .	Assaf				
Prem	ier One Insurance Services				PHONE (A/C. No	Ext): 949-72	27-2025		FAX (A/C, No):	949-72	27-9219
100 F	Pacifica Ste 480				(A)C, No, Ext): 949-727-2025 [A)C, No): 949-727-9219 E-MAIL ADDRESS: Andrew.Assaf@PremierOne.com						
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# THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

# **Business Auto Broadening Endorsement**

This endorsement modifies insurance provided under the following:

# **BUSINESS AUTO COVERAGE FORM**

- I. NEWLY ACQUIRED OR FORMED ENTITY (BROAD FORM NAMED INSURED)
- II. EMPLOYEES AS INSUREDS
- III. AUTOMATIC ADDITIONAL INSURED
- IV. EMPLOYEE HIRED AUTO LIABILITY
- V. SUPPLEMENTARY PAYMENTS
- VI. FELLOW EMPLOYEE COVERAGE
- VII. ADDITIONAL TRANSPORTATION EXPENSE
- VIII. HIRED AUTO PHYSICAL DAMAGE COVERAGE
- IX. ACCIDENTAL AIRBAG DEPLOYMENT COVERAGE
- X. LOAN/LEASE GAP COVERAGE
- XI. GLASS REPAIR DEDUCTIBLE WAIVER
- XII. TWO OR MORE DEDUCTIBLES
- XIII. AMENDED DUTIES IN EVENT OF ACCIDENT, CLAIM, SUIT OR LOSS
- XIV. WAIVER OF SUBROGATION
- XV. UNINTENTIONAL ERROR, OMISSION, OR FAILURE TO DISCLOSE HAZARDS
- XVI. EMPLOYEE HIRED AUTO PHYSICAL DAMAGE
- XVII. PRIMARY AND NONCONTRIBUTORY IF REQUIRED BY CONTRACT
- XVIII. HIRED AUTO COVERAGE TERRITORY
- XIX. BODILY INJURY REDEFINED TO INCLUDE RESULTANT MENTAL ANGUISH

# **BUSINESS AUTO COVERAGE FORM**

# I. NEWLY ACQUIRED OR FORMED ENTITY (Broad Form Named Insured)

SECTION II - LIABILITY COVERAGE, A. Coverage, 1. Who Is An Insured, the following is added:

d. Any business entity newly acquired or formed by you during the policy period provided you own 50% or more of the business entity and the business entity is not separately insured for Business Auto Coverage. Coverage is extended up to a maximum of 180 days following acquisition or formation of the business entity. Coverage under this provision is afforded only until the end of the policy period. Coverage does not apply to an "accident" which occurred before you acquired or formed the organization.

#### II. EMPLOYEES AS INSUREDS

SECTION II - LIABILITY COVERAGE, A. Coverage, 1. Who Is An Insured, the following is added:

e. Any "employee" of yours is an "insured" while using a covered "auto" you don't own, hire or borrow in your business or your personal affairs.

# III. AUTOMATIC ADDITIONAL INSURED

SECTION II - LIABILITY COVERAGE, A. Coverage, 1. Who Is An Insured, the following is added:

f. Any person or organization that you are required to include as additional insured on the Coverage Form in a written contract or agreement that is signed and executed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period is an "insured" for Liability Coverage, but only for damages to which this insurance applies and only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Section II.

# IV. EMPLOYEE HIRED AUTO LIABILITY

SECTION II - LIABILITY COVERAGE, A. Coverage, 1. Who Is An Insured, the following is added:

g. An "employee" of yours is an "insured" while operating an "auto" hired or rented under a contract or agreement in that "employee's" name, with your permission, while performing duties related to the conduct of your business.

# V. SUPPLEMENTARY PAYMENTS

SECTION II – LIABILITY COVERAGE, A. Coverage, 2. Coverage Extensions, a. Supplementary Payments, Subparagraphs (2) and (4) are replaced by the following:

- (2) Up to \$3,000 for cost of bail bonds (including bonds for related traffic law violations) required because of an "accident" we cover. We are not obligated to furnish these bonds.
- (4) All reasonable expenses incurred by the "insured" at our request, including actual loss of earnings up to \$500 a day because of time off from work.

#### VI. FELLOW EMPLOYEE COVERAGE:

SECTION II – LIABILITY COVERAGE, B. Exclusions, 5. Fellow Employee
This exclusion does not apply if you have workers' compensation insurance in-force covering all of your "employees". Coverage is excess over any other collectible insurance.

# VII. ADDITIONAL TRANSPORTATION EXPENSE

SECTION III - PHYSICAL DAMAGE COVERAGE, A. Coverage, 4. Coverage Extensions, a. Transportation Expenses, is replaced with the following:

We will pay up to \$50 per day to a maximum of \$1000 for temporary transportation expense incurred by you because of the total theft of a covered "auto" of the private passenger type. We will pay only for those covered "autos" for which you carry either Comprehensive or Specified Causes of Loss Coverage. We will pay for temporary transportation expenses incurred during the period beginning 48 hours after the theft and ending, regardless of the policy's expiration, when the covered "auto" is returned to use or we pay for its "loss". If your business shown in the Declarations is other than an auto dealership, we will also pay up to \$1,000 for reasonable and necessary costs incurred by you to return a stolen covered auto from the place where it is recovered to its usual garaging location.

# VIII. HIRED AUTO PHYSICAL DAMAGE COVERAGE

SECTION III – PHYSICAL DAMAGE COVERAGE, A. Coverage, 4. Coverage Extensions, the following is added:

- c. If Liability Coverage is provided in this policy on a Symbol 1 or a Symbol 8 basis and Comprehensive, Specified Causes of Loss, or Collision coverages are provided under this coverage form for any "auto" you own, then the Physical Damage Coverages provided are extended to "autos" you hire, subject to the following limit:
  - (1) The most we will pay for "loss" to any hired "auto" is \$50,000 or Actual Cash Value or Cost of Repair, whichever is less
  - (2) \$500 deductible will apply to any loss under this coverage extension, except that no deductible shall apply to "loss" caused by fire or lightning Subject to the above limit and deductible we will provide coverage equal to the broadest coverage applicable to any covered "auto" you own of similar size and type. This coverage extension is excess coverage over any other collectible insurance.

# IX. ACCIDENTAL AIRBAG DEPLOYMENT COVERAGE

SECTION III - PHYSICAL DAMAGE COVERAGE, B. Exclusions, 3.a., is amended to add the following: This exclusion does not apply to the accidental discharge of an airbag.

#### X. LOAN/LEASE GAP COVERAGE

SECTION III - PHYSICAL DAMAGE COVERAGE C. Limit of Insurance, the following is added:

- 4. In the event of a "total loss" to a covered "auto" shown in the schedule or declarations for which Collision and Comprehensive Coverage apply, we will pay any unpaid amount due on the lease or loan for that covered "auto," less:
  - The amount paid under the Physical Damage Coverage Section of the policy; and
  - b. Any:
    - (1) Overdue lease/loan payments at the time of the "loss";
    - (2) Financial penalties imposed under a lease for excessive use, abnormal wear and tear or high mileage.
    - (3) Security deposits not returned by the lessor;
    - (4) Costs for extended warranties, Credit Life Insurance, Health, Accident or Disability Insurance purchased with the loan or lease; and
    - (5) Carry-over balances from previous loans or leases.

The most we will pay under Auto Loan/Lease Gap Coverage for an insured auto is 25% of the actual cash value of that insured auto at the time of the loss.

# XI. GLASS REPAIR – DEDUCTIBLE WAIVER

SECTION III - PHYSICAL DAMAGE COVERAGE, D. Deductible, the following is added:

No deductible applies to glass damage if the glass is repaired rather than replaced.

#### XII. TWO OR MORE DEDUCTIBLES

SECTION III -PHYSICAL DAMAGE COVERAGE, D. Deductible, the following is added:

If two or more "company" policies or coverage forms apply to the same accident:

- 1. If the applicable Business Auto deductible is the smallest, it will be waived; or
- 2. If the applicable Business Auto deductible is not the smallest, it will be reduced by the amount of the smallest deductible; or
- If the loss involves two or more Business Auto coverage forms or policies the smallest deductible will be waived.

For the purpose of this endorsement "company" means the company providing this insurance and any of the affiliated members of the Mercury Insurance Group of companies.

# XIII. AMENDED DUTIES IN EVENT OF ACCIDENT, CLAIM, SUIT OR LOSS

The requirement in SECTION IV, BUSINESS AUTO CONDITIONS, A. Loss Conditions, 2. Duties In The Event Of Accident, Claim, Suit, Or Loss, a., In the event of "accident", you must notify us of an "accident" applies only when the "accident" is known to:

- (1) You, if you are an individual;
- (2) A partner, if you are a partnership;
- (3) A member, if you are a limited liability company; or
- (4) An executive officer or insurance manager, if you are a corporation.

# XIV. WAIVER OF SUBROGATION

SECTION IV - BUSINESS AUTO CONDITIONS, A. Loss Conditions, 5. Transfer of Rights Of Recovery Against Others To Us, section is replaced by the following:

Transfer Of Rights Of Recovery Against Others To Us We waive any right of recovery we may have against any person or organization to the extent required of you by a written contract executed prior to any "accident" or "loss", provided that the "accident" or "loss" arises out of the operations contemplated by such contract. The waiver applies only to the person or organization designated in such contract.

# XV. UNINTENTIONAL ERROR, OMISSION, OR FAILURE TO DISCLOSE HAZARDS

SECTION IV - BUSINESS AUTO CONDITIONS, B. General Conditions, 2. Concealment, Misrepresentation, or Fraud, the following is added:

Any unintentional omission of or error in information given by you, or unintentional failure to disclose all exposures or hazards existing as of the effective date or at any time during the policy period shall not invalidate or adversely affect the coverage for such exposure or hazard or prejudice your rights under this insurance. However, you must report the undisclosed exposure or hazard to us as soon as reasonably possible after its discovery. This provision does not affect our right to collect additional premium or exercise our right of cancellation or non-renewal.

# XVI. EMPLOYEE HIRED AUTO PHYSICAL DAMAGE

SECTION IV – BUSINESS AUTO CONDITIONS, B. General Conditions, 5. Other Insurance, b. For Hired Auto Physical Damage Coverage, is replaced by the following:

- For Hired Auto Physical Damage Coverage, the following are deemed to be covered "autos" you own:
  - 1. Any covered "auto" you lease, hire, rent or borrow; and
  - Any covered "auto" hired or rented by your "employee" under a contract in that individual "employee's" name, with your permission, while performing duties related to the conduct of your business.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

# XVII. PRIMARY AND NONCONTRIBUTORY IF REQUIRED BY CONTRACT

SECTION IV – BUSINESS AUTO CONDITIONS, B. General Conditions, 5. Other Insurance, the following is added and supersedes any provision to the contrary:

- e. This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:
  - (1) The additional insured is a Named Insured under such other insurance; and
  - You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

# XVIII. HIRED AUTO - COVERAGE TERRITORY

SECTION IV - BUSINESS AUTO CONDITIONS, B. General Conditions, 7. Policy Period, Coverage Territory, e. Anywhere in the world if:, is replaced by the following:

- e. Anywhere in the world if:
  - (1) A covered "auto" is leased, hired, rented or borrowed without a driver for a period of 30 days or less; and
  - (2) The "insured's" responsibility to pay damages is determined in a "suit" on the merits, in the United States of America, the territories and possessions of the United States of America, Puerto Rico, or Canada or in a settlement we agree to.

# XIX. BODILY INJURY REDEFINED TO INCLUDE RESULTANT MENTAL ANGUISH

SECTION V – DEFINITIONS, C. "Bodily Injury" is amended by adding the following:

"Bodily injury" also includes mental anguish but only when the mental anguish arises from other bodily injury, sickness, or disease.



# CERTIFICATE OF LIABILITY INSURANCE

Acct# 3059117

DATE (MM/DD/YYYY) 1/7/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER. IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(les) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s). CONTACT USI Insurance Services, LLC PHONE (A/C, No. Ext): E-MAIL ADDRESS: 844-290-4908 FAX (A/C, No): 2502 N Rocky Point Drive Tampa, FL 33607 BBSIcerts@locktonaffinity.com INSURER(S) AFFORDING COVERAGE NAIC # INSURER A: Ace American Insurance Company 22667 INSURED
NATIONWIDE CONTRACTING SERVICES, INC DBA: NATIONWIDE GENERAL INSURER B : CONSTRUCTION SERVICES INSURER C: 7660 Liberty Dr, INSURER D : Huntington Beach, CA 92647 INSURER E : INSURER F COVERAGES **CERTIFICATE NUMBER: REVISION NUMBER:** THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. ADDL SUBR POLICY EFF POLICY EXP TYPE OF INSURANCE POLICY NUMBER COMMERCIAL GENERAL LIABILITY EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) CLAIMS-MADE OCCUR 5 MED EXP (Any one person) PERSONAL & ADV INJURY s GEN'L AGGREGATE LIMIT APPLIES PER GENERAL AGGREGATE s PRO-JECT POLICY PRODUCTS - COMP/OP AGG s OTHER. AUTOMOBILE LIABILITY OMBINED SINGLE LIMIT ANY AUTO BODILY INJURY (Per person) s OWNED AUTOS ONLY HIRED SCHEDULED AUTOS NON-OWNED AUTOS ONLY BODILY INJURY (Per accident) PROPERTY DAMAGE s AUTOS ONLY (Per accident) UMBRELLA LIAB OCCUR EACH OCCURRENCE \$ EXCESS LIAB CLAIMS-MADE AGGREGATE s DED RETENTION S WORKERS COMPENSATION X STATUTE AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE
OFFICER/MEMBER EXCLUDED? \$ 2,000,000 E L EACH ACCIDENT X C55615962 4/1/2024 4/1/2025 (Mandatory in NH)
If yes, describe under
DESCRIPTION OF OPERATIONS below \$ 2,000,000 E L DISEASE - EA EMPLOYEE \$ 2,000,000 E L DISEASE - POLICY LIMIT DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) Policy State = CA Waiver of Subrogation in favor of certificate holder when required by written contract 30-Day Notice of Cancellation Pauba Road Widening, Via Del Monte to Calle Contento, Community of Rancho, CA Project No C9-0063 and De Luz Road Culvert Replacement, Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057 CERTIFICATE HOLDER CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE County Of Riverside Transportation Department ATTN: Contracts/Bidding Unit THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. 3525 14th Street Riverside, CA 92501 AUTHORIZED REPRESENTATIVE

Lisa Obernathy

Workers' Compensation and Emple	oyers' Liability Policy
Named Insured	Endorsement Number
NATIONWIDE CONTRACTING SERVICES, INC DBA: NATIONWIDE GENI	
7660 Liberty Dr, Huntington Beach, CA 92647	Policy Number
Hundington beach, CA 92047	Symbol: WLR Number: C55615962
Policy Period 4/1/2024 TO 4/1/2025	Effective Date of Endorsement 1/7/2025
Issued By (Name of the Insurance Company)	11112023
Ace American Insurance Company	
Insert the policy number. The remainder of the information is to be completed only when the This endorsement changes the policy to which it is attached and is effective on the date is:	his endorsement is issued subsequent to the preparation of the policy, sued unless otherwise stated.
CALIFORNIA WAIVER OF OUR RIGHT TO RECOV	ER FROM OTHERS ENDORSEMENT
This endorsement applies only to the insurance provided by 3.A. of the Information Page.	the policy because California is shown in Item
We have the right to recover our payments from anyone lia not enforce our right against the person or organization r only with respect to bodily injury arising out of the operat required by a written contract to obtain this waiver from us	named in the Schedule, but this waiver applies
You must maintain payroll records accurately segregating engaged in the work described in the Schedule.	ng the remuneration of your employees while
Schedule	
1. ( ) Specific Waiver	
Name of person or organization:	
(X) Blanket Waiver	
Any person or organization for whom the Named Insur	and has agraed by written contract to firming this
waiver.	ed has agreed by written contract to rumish this
• •	
2. Operations: ALU CALIFORNIA OPERATIONS	1
ALI GALIFORNIA OPERATIONS	
3. Premium:	
The premium charge for this endorsement shall be1.0	percent of the California premium developed
on payroll in connection with work performed for the abo	ve person(s) or organization(s) arising out of the
operations described.	
4. Minimum Premium: \$0	
	Pate D. Otames
	Authorized Agent
	Addionzed Agent

# Bid

Date:	12-16-2024	
Date:	12-16-2024	

**To:** County of Riverside, hereafter called "County";

Bidder: Nationwide Contracting Services, Inc. DBA Nationwide General Construction Services (hereafter called "Contractor")

The undersigned, Contractor, having carefully examined the site and the Contract Documents for the construction of <u>Pauba Road Widening</u>, <u>Via Del Monte to Calle Contento</u>, <u>Community of Rancho California</u>, <u>Project No. C9-0063</u> hereby proposes to construct the work in accordance with the Contract Documents, including <u>Addenda Number(s)</u> \_\_\_\_\_ (Fill in addenda numbers if addenda have been issued.) for the amount stated in this Bid.

By submitting this Bid, Contractor agrees with County:

- 1. That unless withdrawn in person by Contractor or some person authorized in writing by Contractor (not by telephone or facsimile) before the time specified in the Notice Inviting Bids for the public opening of bids, this Bid constitutes an irrevocable offer for 90 calendar days after that date.
- 2. County has the right to reject any or all Bids and to waive any irregularities or informalities contained in a Bid.
- 3. To execute the Contract and deliver the Performance Bond, Payment Bond and Insurance Certificate with endorsements, that comply with the requirements set forth in the Instruction to Bidders and General Conditions, within ten (10) business days of the date of the Notice of Acceptance of Bid and Intent to Award as issued by the County.
- 4. That the contract shall be awarded upon a resolution or minute order to that effect duly adopted by the governing body of County; and that execution of the Contract shall constitute a written memorial thereof.
- 5. To submit to the County such information as County may require determining whether a particular Bid is the lowest responsible bid submitted.
- 6. That the accompanying Bid Bond, certified check or cashier's check is in an amount not less than 10% of the total bid submitted and constitutes a guarantee that if awarded the contract, Contractor will execute the Contract and deliver the required bonds within ten (10) business days after notice of award. If Contractor fails to execute and deliver said documents, the bond or check is to be charged with the costs of the resultant damages to the County, including but not limited to: publication costs, the difference in money between the amount bid and the amount in excess of the bid which it costs County to do or cause to be done for the work involved, lease and rental costs, additional salaries and overhead, increased interest and costs of funding the project, attorney expense, additional engineering and architectural expense and cost of maintaining or constructing alternate facilities occasioned by the failure to execute and deliver said documents.
- 7. By signing this Bid the Contractor certifies that the representations made therein are made under penalty of perjury.

# Pauba Road Widening Via Del Monte to Calle Contento Community of Rancho California Project No. C9-0063; and

# De Luz Road Culvert Replacement at Ten Locations Along De Luz Road Between Calle Capistrano and 2,380 Feet South of Buena Loma Road Community of Santa Rosa Project No. D0-0057

# REVISED PROPOSAL

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE B	D SCHEDULE	- Pauba Road Widening				
1	066100	DUST ABATEMENT	LS	1	\$50,000.00	\$50,000.00
2	100100	DEVELOP WATER SUPPLY	LS	1	\$20,000.00	\$20,000.00
3	120100	TRAFFIC CONTROL SYSTEM	LS	1	\$320,000.00	\$320,000.00
4	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	\$10,000.00	\$10,000.00
5	170103	CLEARING AND GRUBBING	LS	1	\$76,000.00	\$76,000.00
6	031201	CONSTRUCTION PROJECT FUNDING SIGN	EA	2	\$5,000.00	\$10,000.00
7	190101 F	ROADWAY EXCAVATION	CY	8,290	\$100.00	\$829,000.00
8	192037 F	STRUCTURE EXCAVATION (RETAINING WALL)	CY	1,164	\$120.00	\$139,680.00
9	193013 F	STRUCTURE BACKFILL (RETAINING WALL)	CY	951	\$120.00	\$114,120.00
10	194001	DITCH EXCAVATION	CY	67	\$120.00	\$8,040.00
11	260203	CLASS 2 AGGREGATE BASE	CY	2,420	\$120.00	\$290,400.00
12	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	290	\$50.00	\$14,500.00
13	013904	PLACE ASPHALT CONCRETE DIKE (CRS 212) (8")	LF	180	\$60.00	\$10,800.00
14	390132	HOT MIX ASPHALT (TYPE A)	TON	6,950	\$180.00	\$1,251,000.00
15	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	610	\$20.00	\$12,200.00
16	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	9,730	\$10.00	\$97,300.00
17	475010 F	RETAINING WALL (MASONRY WALL)	SQFT	2,406	\$60.00	\$144,360.00
18	035101	GRAVITY WALL	LF	34	\$160.00	\$5,440.00
19	510060 F	STRUCTURAL CONCRETE, RETAINING WALL	CY	254	\$1,600.00	\$406,400.00
20	510090 F	STRUCTURAL CONCRETE, BOX CULVERT	CY	15	\$1,800.00	\$27,000.00
21	510092 F	STRUCTURAL CONCRETE, HEADWALL	CY	372	\$1,600.00	\$595,200.00

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE B	ID SCHEDULE	- Pauba Road Widening (continued)				
22	511055 F	CONCRETE SURFACE TEXTURE	SQFT	2,376	\$20.00	\$47,520.00
23	520103 F	BAR REINFORCING STEEL (RETAINING WALL)	LB	23,800	\$6.00	\$142,800.00
24	641101	12" PLASTIC PIPE	LF	3	\$500.00	\$1,500.00
25	665016	18" CORRUGATED STEEL PIPE (.064" THICK)	LF	158	\$380.00	\$60,040.00
26	665019	21" CORRUGATED STEEL PIPE (.064" THICK)	LF	155	\$420.00	\$65,100.00
27	665030	30" CORRUGATED STEEL PIPE (.064" THICK)	LF	197	\$460.00	\$90,620.00
28	665035	36" CORRUGATED STEEL PIPE (.064" THICK)	LF	81	\$490.00	\$39,690.00
29	667023	42" X 29" CORRUGATED STEEL PIPE ARCH (.079" THICK)	LF	8	\$1,000.00	\$8,000.00
30	691900	FLUME DOWNDRAIN	LF	202	\$200.00	\$40,400.00
31	692101	TAPERED INLET	EA	8	\$5,000.00	\$40,000.00
32	037050	21" STEEL FLAIRED END SECTION	EA	1	\$5,000.00	\$5,000.00
33	700615	CORRUGATED STEEL PIPE INLET	EA	2	\$5,000.00	\$10,000.00
34	037101	CMP CULVERT LINING (CENTRIPIPE)	LF	80	\$800.00	\$64,000.00
35	721431	CONCRETE (CONCRETE APRON)	CY	63	\$1,400.00	\$88,200.00
36	723050	ROCK SLOPE PROTECTION (1/4 T, Class V, METHOD B)	CY	23	\$500.00	\$11,500.00
37	723080	ROCK SLOPE PROTECTION (60 lb, Class II, METHOD B)	CY	43	\$500.00	\$21,500.00
38	723095	ROCK SLOPE PROTECTION (20 lb, Class I, METHOD B)	CY	116	\$500.00	\$58,000.00
39	730045	MINOR CONCRETE (GUTTER)	CY	12	\$1,400.00	\$16,800.00
40	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	6	\$1,400.00	\$8,400.00
41	731516	MINOR CONCRETE (DRIVEWAY)	CY	180	\$1,400.00	\$252,000.00
42	780440	PREPARE AND STAIN CONCRETE	SQFT	2,400	\$25.00	\$60,000.00
43	038001	CHAIN LINK FENCE (CL-6, TYPE BW)	LF	70	\$350.00	\$24,500.00
44	038002	19' CHAIN LINK GATE (TYPE CL-6) [2-9.5' GATE]	EA	1	\$8,000.00	\$8,000.00
45	038003	23' CHAIN LINK GATE (TYPE CL-6) [2-11.5' GATE]	EA	1	\$14,000.00	\$14,000.00
46	800103	TEMPORARY FENCE (TYPE CL-6)	LF	310	\$150.00	\$46,500.00
47	803100	RECONSTRUCT FENCE [WHITE VINYL FENCE W/ WIRE MESH]	LF	690	\$180.00	\$124,200.00
48	803160	RESET GATE	EA	1	\$3,000.00	\$3,000.00
49	810230	PAVEMENT MARKER (RETROREFLECTIVE)	EA	474	\$50.00	\$23,700.00

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BI	D SCHEDULE	- Pauba Road Widening (continued)				
50	820250	REMOVE ROADSIDE SIGN	EA	14	\$500.00	\$7,000.00
51	820590	RELOCATE ROADSIDE SIGN-ONE POST	EA	3	\$1,000.00	\$3,000.00
52	820840	ROADSIDE SIGN - ONE POST	EA	16	\$1,500.00	\$24,000.00
53	018302	TRANSITIONAL RAILING (TYPE AGT)	EA	1	\$5,000.00	\$5,000.00
54	38301 F	PEDESTRIAN SAFETY RAIL [AT CULVERT HEADWALLS]	LF	77	\$370.00	\$28,490.00
55	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	LF	200	\$280.00	\$56,000.00
56	833088 F	TUBULAR HANDRAILING	LF	259	\$320.00	\$82,880.00
57	839521 F	CABLE RAILING	LF	346	\$250.00	\$86,500.00
58	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	3	\$5,000.00	\$15,000.00
59	839742 F	CONCRETE BARRIER (TYPE 836A)	LF	259	\$375.00	\$97,125.00
60	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	1,020	\$5.00	\$5,100.00
61	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	17,960	\$8.00	\$143,680.00
62	018701	RESET ELECTRICAL FOR LIGHTING	EA	2	\$2,000.00	\$4,000.00
63	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	400,000.00	400,000.00
64	198215	SUBGRADE ENHANCEMENT GEOGRID [TENSAR NX750 GEOGRID]	SQYD	700	\$50.00	\$35,000.00
65	710368	CULVERT SLURRY-CEMENT BACKFILL [0-SACK SLURRY]	CY	130	\$800.00	\$104,000.00
66	803100	RECONSTRUCT FENCE [WROUGHT IRON]	LF	40	\$350.00	\$14,000.00

BASE BID SCH SUB-TOTAL: Six Million Nine Hundred Seventeen Thousand One Hundred Eighty-Five Dollars \*\$6,917,185.00 TIEMS 1 - 66 "WORDS"

ALTERNATIVE BID SCHEDULE 1 - Rancho Californina Water District, Facilities Relocations

67	037701	STEEL FIRE HYDRANT TYPE 1 RELOCATION. ADJUST TO GRADE	EA	2	\$15,000.00	\$30,000.00
68	037702	STEEL FIRE HYDRANT TYPE 2 RELOCATION: HORIZONTAL OFFSET	EA	8	\$15,000.00	\$120,000.00
69	037703	STEEL FIRE HYDRANT TYPE 3 RELOCATION: ABANDON AND REPLACE	EA	3	\$20,000.00	\$60,000.00
70	037704	PVC FIRE HYDRANT TYPE 3 RELOCATION. ABANDON AND REPLACE	EA	2	\$18,000.00	\$36,000.00
71	037705	2" AIR VAC AND AIR RELEASE TYPE 1 RELOCATION ADJUST TO GRADE	EA	3	\$5,000.00	\$15,000.00
72	037706	2" AIR VAC AND AIR RELEASE TYPE 1 RELOCATION HORIZONTAL OFFSET	EA	6	\$5,000.00	\$30,000.00
73	037707	1" SERVICE LATERAL/METER TYPE 1 RELOCATION ADJUST TO GRADE	EA	3	\$8.000.00	\$24.000.00

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTERN	ATIVE BID S	CHEDULE 1 - Rancho Californina Water District Relocation (continued)				
74	037708	1" SERVICE LATERAL/METER TYPE 2 RELOCATION: HORIZONTAL OFFSET	EA	8	\$8,000.00	\$64,000.00
75	037709	BACKFLOW ASSEMBLY TYPE 2 RELOCATION; HORIZONTAL OFFSET	EA	2	\$12,000.00	\$24,000.00
76	037710	CP TEST STATION TYPE 3 RELOCATION ABANDON AND REPLACE	EA	6	\$8,000.00	\$48,000.00
77	037711	8" PVC WATERLINE RELOCATION	LS	1	\$180,000.00	\$180,000.00

ALT BID SCH 1

Six Hundred Thirty-One Thousand Dollars

\$631,000.00

ITEMS 67 - 77

"WORDS"

ALTERNATIVE BID SCHEDULE	2 - De Luz Road C	Culvert Replacement at	t Ten Locations
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ALIERN	IATIVE BID 5	CHEDULE 2 - De Luz Road Culvert Replacement at Ten Locations				
78	066100	DUST ABATEMENT	LS	1	\$25,000.00	\$25,000.00
79	100100	DEVELOP WATER SUPPLY	LS	1	\$10,000.00	\$10,000.00
80	120100	TRAFFIC CONTROL SYSTEM	LS	1	\$160,000.00	\$160,000.00
81	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	LS	1	\$5,000.00	\$5,000.00
82	170103	CLEARING AND GRUBBING	LS	1	\$38,000.00	\$38,000.00
83	190101	ROADWAY EXCAVATION	CY	65	\$100.00	\$6,500.00
84	032001	PLANTING WORK	EA	33	\$800.00	\$26,400.00
85	260203	CLASS 2 AGGREGATE BASE	CY	74	\$120.00	\$8,880.00
86	033901	ASPHALT CONCRETE DIKE	LF	30	\$50.00	\$1,500.00
87	390132	HOT MIX ASPHALT (TYPE A)	TON	24	\$180.00	\$4,320.00
88	034001	CONCRETE PAVEMENT	CY	42	\$1,400.00	\$58,800.00
89	035101	MINOR CONCRETE (MINOR STRUCTURE)	CY	145	\$1,400.00	\$203,000.00
90	035103	MINOR CONCRETE (MINOR STRUCTURE) [FLARED END SECTION]	EA	6	\$5,000.00	\$30,000.00
91	035104	MINOR CONCRETE (MINOR STRUCTURE) [COLLAR]	EA	1	\$5,000.00	\$5,000.00
92	650424	36" REINFORCED CONCRETE PIPE (CLASS IV)	ĹF	116	\$650.00	\$75,400.00
93	650432	48" REINFORCED CONCRETE PIPE (CLASS IV)	LF	81	\$850.00	\$68,850.00
94	650511	18" REINFORCED CONCRETE PIPE (CLASS V)	LF	336	\$480.00	\$161,280.00
95	650516	24" REINFORCED CONCRETE PIPE (CLASS V)	LF	309	\$540.00	\$166,860.00
96	038001	REMOVE AND REPLACE CHAIN LINK FENCE (TYPE CL-3)	LF	25	\$250.00	\$6,250.00
97	810230	PAVEMENT MARKER (RETROREFLECTIVE)	EA	8	\$50.00	\$400.00

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTERN	ATIVE BID S	CHEDULE 2 - De Luz Road Culvert Replacement at Ten Locations (continued)				
98	820490	INSTALL TYPE L-2 MARKER TO MATCH EXISTING	EA	16	\$100.00	\$1,600.00
99	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	264	\$12.00	\$3,168.00
100	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	50,000.00	50,000.00
101	034001	REMOVE AND REPLACE CONCRETE PAVEMENT WITH RAPID STRENGHT CONCRETE (LOCATIONS 5 AND 7)	CY	35	\$1,600.00	\$56,000.00

ALT BID SCH 2 SUB- TOTAL: ITEMS 78 - 101	SUB- TOTAL: One Million One Hundred Seventy-Two Thousand Two Hundred Eight Dollars		
BASE BID SCH. +	FALT. BID SCH. 1 + ALT. BID SCH. 2		

PROJECT TOTAL: Eight Million Seven Hundred Twenty Thousand Three Hundred Ninety-Three Dollars
ITEMS 1 - 101 "WORDS"

\$ \$8,720,393.00

# **Bidder Data and Signature**

Name of Bidder:	Nationwide Contrac	cting Services, Inc. DBA Nati	onwide General Construction Services
Type of organization:	S-Corp		
Person(s) authorized to	sign for Bidde	Elie Nader : President,	Treasurer, & Secretary. Luicci Nader: Vice President
	T.		
president, secretary, tro If Bidder is a Co-Parti composing firm. If Bidder is a sole prop	easurer and man nership, state to prietorship or ar n agent other	nager thereof.  rue name of firm and a  n Individual, state fir  than an owner, part	n and also names of the president, vice- also names of all individual co-partners est and last name(s) in full. her or corporate officer, Bid shall be
Business Street Address			ngton Beach, Ca 92647 ess address even if P.O. Box is used.)
Business City, State, Z	Cip Code:	7660 Liberty dr, Huntin	ngton Beach, Ca 92647
P.O. Box- Number:			
P.O. Box- City, State,	Zip Code:		
Phone: ( S	949)500-0894		
Facsimile: (	562) 683-2163		e e
E-mail: Luicci@nation	nwidecontractors	.net	
OPROFESSIONAL	Contrac	ctor's license number:	1031246
ELIE NAPER	License	Classification(s):	A,B,C8,C12,C20,C21,C36
C 59367	Expirat	ion date:	exp 09/30/2025
Department of Ladjustr	ial Relations Re	egistration Number:	1000057872 exp: 06/30/2025

V 060719

# Bidder Data and Signature (continued)

Accompanying this Bid is a certified check, cashier check or bid bond in an amount equal to at least ten (10) percent of the total bid for:

Pauba Road Widening Via Del Monte to Calle Contento Community of Rancho California Project No. C9-0063

By my signature on this Bid, I certify, under penalty of perjury under the laws of the State of California, that all the information on this form is true and correct.

IN WITNESS WHERE OF Bidder/Contractor executed this Bid as of the date set forth on page **B1** of this Bid.

Signafure

Name (printed):

Elie Nader

Title:

President, Treasurer, & Secretary

"Contractor"

for Nationwide Contracting Services, Inc.

DBA Nationwide General Construction Services

# **Subcontractor List**

Bidder/Contractor submits the following complete list of each Subcontractor who will perform work, labor or render service in or about the construction in an amount in excess of 1/2 of 1% of the total bid or \$10,000 whichever is greater.

Check box on right side of row if any construction item, for the listed Subcontractor, is partial work. If partial work is to be performed within a certain construction item or trade, the Bidder/Contractor shall specify the portion(s) of the work to be performed by the different subcontractors or Bidder/Contractor will be subject to provisions of Public Contract Code Section 4106.

Nationwide Contracting Services, Inc.

Name of Bidder (Prime/General Contractor): DBA Nationwide General Construction Services

	Subcontractor Name	License Number	DIR Registration Number	Business Address (City, State)	Construction Item(s) [Item Number and Description]	Check if Partial Work
1.	MEPPRO INC	1060689	1001023053	7660 Liberty dr, Huntington Beach, Ca 92647	item 14 HOT MIX ASPHALT (TYPE A)	X
2.	Dees Burke Engineering Constructors, LLC	1012305	1000036375	207 W State Stree Ontario, CA 91762		X
3.	CAT Tracking inc.	991122	1000011750	17 Commercial Ave Riverside, Ca 92507	0., 0., 00, 00	
4.	UC Electric	814643	1000032144	24849 LORNA DRIVE MORENO VALLEY, CA 92553	item: 62 Electrical	X
5.	ACE FENCE COMPANY	996577	1000004092	727 Glendora Ave. La Puente, CA 91744	Fencing # <b>43,66,96,4</b> 7	
6.						

Additional Subcontractor List(s) may be attached to the Bid. (A copy of this form may be attached with additional Subcontractor List(s) may be attached to the Bid.	actor information.)
Percent of work to be performed by Subcontractors: _	18 %
Note: A minimum of 50% of the work is required to be per	formed by the prime/general Contractor.

# **Non-Collusion Declaration**

To be executed by bidder and submitted with bid. (Title 23 United States Code Section 112 and Public Contract Code Section 7106)

	The undersigned declares:
	I am the <u>Vice President</u> (Title) of <u>Nationwide Contracting Services, Inc.</u> (Company), the party making the foregoing bid. (Title) of <u>Nationwide Contracting Services</u> , Inc. (Company), DBA Nationwide General Construction Services
	The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder 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. 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.
	All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price of any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.
	Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.
	I declare under penalty of perjury under the applicable laws that the foregoing is true and correct and that this declaration is executed on
-	December (Month) 16th (Day) of 2024 (Year),
D	Signature of Declarant: (City). (A (State).
1	Printed name of Declarant: Ele Nade
-	Name of Bidder (Company): Nationwide Contracting Services, Inc. DBA Nationwide General Construction Services
-	Title or Office: President Secretary Treasurer
4.7	Note: Notarization of signature required.  Check box if attachment is included.

SEE ATTACHED

# California Acknowledgment Form

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 Orange ss.				
before me, Antoine Kaaikati, Notary Public (here insert name and title of the officer)  personally appeared Elie Nader  who proved to me on the basis of satisfactory evidence to be the person(X) whose name(X)(S) are subscribed to the within instrument and acknowledged to me that (E) she/they executed the same in (iis) her/their authorized capacity(iXs), and that by (iis) her/their signature(X) on the instrument the person(X), or the entity upon behalf of which the person(X) 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.				
Seal WITNESS my hand and official seal.				
ANTOINE KAAIKATI Commission # 2351245 Notary Public - California ORANGE County My Comm Expires MAR 13, 2025				
——————————————————————————————————————				
To help prevent fraud, it is recommended that you provide information about the attached document below.  ***This is not required under California State notary public law.***				
Document Title: Non - Collusion De Clavation # of Pages: 7				
Notes				
Signer's Name: Elie Nader				
Corporate Officer- Title(s): President and Secretary				
Signer Is Representing: Nationwide Contracting Services, Inc.				

# **Iran Contracting Act**

(Public Contract Code sections 2200-2208)

Prior to bidding on, submitting a proposal or executing a contract or renewal for a County of Riverside contract for goods or services of \$1,000,000 or more, a Contractor must either:

- a) Certify it is not on the current list of persons engaged in investment activities in Iran created by the California Department of General Services ("DGS") pursuant to Public Contract Code section 2203(b) and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person, for 45 days or more, if that other person will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS; or
- b) Demonstrate it has been exempted from the certification requirement for that solicitation or contract pursuant to Public Contract Code section 2203(c) or (d).

To comply with this requirement, please insert your Contractor or financial institution name and Federal ID Number (if available) and complete one of the options below. Please note: California law establishes penalties for providing false certifications, including civil penalties equal to the greater of \$250,000 or twice the amount of the contract for which the false certification was made; contract termination; and three-year ineligibility to bid on contracts. (Public Contract Code section 2205.)

# Option #1 - Certification

I, the official named below, certify I am duly authorized to execute this certification on behalf of the vendor/financial institution identified below, and the vendor/financial institution identified below is **not** on the current list of persons engaged in investment activities in Iran created by DGS and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person/vendor, for 45 days or more, if that other person/vendor will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS.

Contractor Name/Financial Institution (Printe Nationwide Contracting Services, Inc. DBA Nationwide Ge	Federal ID Number (or n/a) 815325769
By (Authorized Signature)  Printed Name and Title of Person Signing Elie Nader-President, Secretary, Treasurer	
Date Executed Exec	ed in iberty dr, Huntington Beach, Ca 92647

# Option #2 - Exemption

Pursuant to Public Contract Code sections 2203(c) and (d), a public entity may permit a Contractor/financial institution engaged in investment activities in Iran, on a case-by-case basis, to be eligible for, or to bid on, submit a proposal for, or enters into or renews, a contract for goods and services.

<u>If you have obtained an exemption</u> from the certification requirement under the Iran Contracting Act, please fill out the information below, and attach documentation demonstrating the exemption approval.

Contractor Name/Financial In.	stitution (Printed)	Federal ID Number (or n/a)
By (Authorized Signature)		
Printed Name and Title of Pers	on Signing	
Date Executed	Executed in	

# Opt Out of Payment Adjustments for Price Index Fluctuations

# Pauba Road Widening Via Del Monte to Calle Contento Community of Rancho California Project No. C9-0063

To opt out of the payment adjustments for price index fluctuations, as specified in Standard Specifications Section 9-1.07 "Payment Adjustments for Price Index Fluctuations," completely fill in, date, sign, and submit this form with the Bid documents.

By signing and submitting this form, our company hereby opts out of the payment adjustments for price index fluctuations for the above-named project.

Date:	
Company Name (Bidder):	
Signature:	
	(Signature of Company's authorized officer or designated representative)
Name (printed):	
Title:	
N	A

V.050321 B10

# **Bid Bond**

# Recitals:

Nationwide Contracting Services, Inc. Dba Nationwide General Construction Services "Contractor", has submitted his/her Contractor's Proposal to County of Riverside, "County", for the construction of public work for Pauba Road Widening, Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,830 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057 in accordance with a Notice Inviting Bids from the County.

2. United Fire & Casualty Company a lowa corporation, hereafter called "Surety", is the surety of this bond.

# Agreement:

We, Contractor as Principal and Surety as Surety, jointly and severally agree and state as follows:

- 1. The amount of the obligation of this bond is 10% of the amount of the Contractor's Proposal, including bid alternates, and inures to the benefit of County.
- 2. This Bond is exonerated by (1) County rejecting said Proposal or, in the alternate, (2) if said Proposal is accepted, Contractor executes the Contract and furnishes the Bonds as agreed to in its Proposal, otherwise it remains in full force and effect for the recovery of loss, damage and expense of County resulting from failure of Contractor to act as agreed to in its Proposal. Some types of possible loss, damage and expense are specified in the Contractor's Proposal.
- 3. Surety, for value received, stipulates and agrees that its obligations hereunder shall in no way be impaired or affected by any extension of time within which County may accept the Proposal and waives notice of any such extension.
- 4. This Bond is binding on our heirs, executors, administrators, successors and assigns.

Dated: 11/27/2024	
Signatures:	
United Fire & Casualty Company	Nationwide Contracting Services, Inc.  Dba Nationwide General Construction Services
ву: Е. 134 -	By: Ne Wader
Title: Emmanuel Brizuela Attorney in Fact "Surety"	Title: Elie Nader, Presidet Secretary Ptraisine
STATE OF	The state of the s
OF	ss. SURETY'S ACKNOWLEDGEMENT
On	before me,
acknowledged to me that he she executed	known to me, or proved to me on the basis on whose name is subscribed to the within instrument and the same in his/her authorized capacities, and that by his/her the entity upon behalf of which the person acted, executed the
WITNESS my hand and official seal.	SEE ATTACHED

Signature of Notary Public

Notary Public (Seal)

Note: This Bond must be executed by both Contractor and Surety with corporate seal affixed. <u>All</u> signatures must be notarized. (Attach acknowledgements).

# California Acknowledgment Form

document to which this certificate is attached, and not the truth  State of California	iruiness, accuracy, or vandity of that document.
County of Orange ss.	
On November 27th 2024 before me,	Antoine Kaaikati, Notary Public (here insert name and title of the officer)
personally appeared Elie Nader	
who proved to me on the basis of satisfactory evidence to the within instrument and acknowledged to me that the horized capacity (Ms), and that by (nis/her/their signature) behalf of which the person (%) acted, executed the	(ne/she/they executed the same in (nis/her/their au- ure(s) on the instrument the person(s), or the entity
certify under PENALTY OF PERJURY under the law paragraph is true and correct.	s of the State of California that the foregoing
Seal	WITNESS my hand and official seal.
ANTOINE KAAIKATI Commission # 2351245 Notary Public - California ORANGE County My Comm Expires MAR 13, 2025	Signature of Notary
Optional Inf	
To help prevent fraud, it is recommended that you provi	ide information about the attached document below.  ornia State notary public law.***
Document Title: Did Bond	# of Pages:
Note	es
Signer's Name: Elie Nader	
Corporate Officer- Title(s): President and Secretary	
Signer Is Representing: Nationwide Contracting Service	ces, Inc.

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

"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		Ventura		
On	-27-2024	before me,	Jodie Lee Doner, Notary Public,	
personally	appeared Emm	anuel Brizuela		
is/are sub the same	scribed to the wi in his/her/their a t the person(s), o	thin instrument and athorized capacity(i	evidence to be the person(s) whose name(s) acknowledged to me that he/she/they executed es) and that by his/her/their signature(s) on the chalf of which the person(s) acted, executed the	
	nder PENALTY ( paragraph is true		r the laws of The State of California that the	
		, v	/ITNESS my hand and official seal.	
	JODIE LEE DONER Notary Public - California Ventura County Commission # 2476148 y Comm. Expires Dec 12, 2027	(-	Signature of Notary Public	
		OP.	ΓΙΟΝΑL	
Though th document	e data below is r and could preve	not required by law, nt fraudulent reatta	it may prove valuable to persons relying on the chment of this form.	
INDIVIDUAL	TY CLAIMED BY S	SIGNER	DESCRIPTION OF ATTACHED DOCUMEN	Т
CORPORATE	OFFICER			
□PARTNERS	TITLES(S)		TITLE OR TYPE OF DOCUMENT	1
	GENERAL			
⊠ATTORNEY-IN	LEACT		NUMBER OF PAGES	1
☐TRUSTEE(S)	-FACT			
☐GUARDIAN/C	ONSERVATOR			
OTHER				
SIGNER IS REPI	RESENTING: ON(S) OR ENTITY	′(IES)	DATE OF DOCUMENT	

SIGNER(S) OTHER THAN NAMED ABOVE



#### UNITED FIRE & CASUALTY COMPANY, CEDAR RAPIDS, IA UNITED FIRE & INDEMNITY COMPANY, WEBSTER, TX FINANCIAL PACIFIC INSURANCE COMPANY, LOS ANGELES, CA CERTIFIED COPY OF POWER OF ATTORNEY

(original on file at Home Office of Company - See Certification)

Inquiries: Surety Department 118 Second Ave SE Cedar Rapids, IA 52401

KNOW ALL PERSONS BY THESE PRESENTS, That United Fire & Casualty Company, a corporation duly organized and existing under the laws of the State of Iowa, United Fire & Indemnity Company, a corporation duly organized and existing under the laws of the State of Texas; and Financial Pacific Insurance Company, a corporation duly organized and existing under the laws of the State of California (herein collectively called the Companies), and having their corporate headquarters in Cedar Rapids, State of Iowa, does make, constitute and appoint

KEVIN P. REED, JESSICA GARCIA, AARON FOSBURG, JODIE LEE DONER, EMMANUEL BRIZUELA, EACH INDIVIDUALLY

their true and lawful Attorney(s)-in-Fact with power and authority hereby conferred to sign, seal and execute in its behalf all lawful bonds, undertakings and other obligatory instruments of similar nature provided that no single obligation shall exceed \$50,000,000.00 and to bind the Companies thereby as fully and to the same extent as if such instruments were signed by the duly authorized officers of the Companies and all of the acts of said Attorney, pursuant to the authority hereby given and hereby ratified and confirmed.

The Authority hereby granted shall expire the 1st day of April, 2026 unless sooner revoked Company, United Fire & Indemnity Company, and Financial Pacific Insurance Company.

by United Fire & Casualty

This Power of Attorney is made and executed pursuant to and by authority of the following bylaw duly adopted by the Boards of Directors of United Fire & Casualty Company, United Fire & Indemnity Company, and Financial Pacific Insurance Company.

#### "Article VI - Surety Bonds and Undertakings"

Section 2, Appointment of Attorney-in-Fact. "The President or any Vice President, or any other officer of the Companies may, from time to time, appoint by written certificates attorneys-in-fact to act in behalf of the Companies in the execution of policies of insurance, bonds, undertakings and other obligatory instruments of like nature. The signature of any officer authorized hereby, and the Corporate seal, may be affixed by facsimile to any power of attorney or special power of attorney or certification of either authorized hereby; such signature and seal, when so used, being adopted by the Companies as the original signature of such officer and the original seal of the Companies, to be valid and binding upon the Companies with the same force and effect as though manually affixed. Such attorneys-in-fact, subject to the limitations set of forth in their respective certificates of authority shall have full power to bind the Companies by their signature and execution of any such instruments and to attach the seal the Companies thereto. The President or any Vice President, the Board of Directors or any other officer of the Companies may at any time revoke all power and auth rity previously given to any attorney-in-fact.







IN WITNESS WITEREOF, the COMPANIES have each caused these presents to be signed by its vice president and its corporate seal to be hereto affixed this 1st day of April, 2024

UNITED FIRE & CASUALTY COMPANY UNITED FIRE & INDEMNITY COMPANY FINANCIAL PACIFIC INSURANCE COMPANY

State of Iowa, County of Linn, ss:

On 1st day of April, 2024, before me personally came Kyanna M. Saylor to me known, who being by me duly sworn, did depose and say; that she resides in Cedar Rapids, State of Iowa; that she is a Vice President of United Fire & Casualty Company, a Vice President of United Fire & Indemnity Company, and a Vice President of Financial Pacific Insurance Company the corporations described in and which executed the above instrument; that she knows the seal of said corporations; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporations and that she signed her name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporations



BP A00457,320

Patti Waddell Iowa Notarial Seal Commission number 713274 My Commission Expires 10/26/2025 atti Wassell Notary Public My commission expires: 10/26/2025

I, Mary A. Bertsch, Assistant Secretary of United Fire & Casualty Company and Assistant Secretary of United Fire & Indemnity Company, and Assistant Secretary of Financial Pacific Insurance Company, do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Section of the bylaws and resolutions of said Corporations as set forth in said Power of Attorney, with the ORIGINALS ON FILE IN THE HOME OFFICE OF SAID CORPORATIONS, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

In testimony, whereof I have hereunto subscribed my name and affixed the corporate seal of the said Corporations

day of November this 27th

, 20 24

C INSURA ORPORA . WLY 22 1986

By: Mary A Bertoch

UF&C & UF&I & FPIC



COMPANY PROFILE

Company Profile

Company Search

Company Search

Results

Company Information

Old Company

Names

Agent for Service

Reference Information

NAIC Group List

Lines of Business

Workers' Compensation Complaint and Request for Action/Appeals Contact Information

Financial Statements PDF's

**Annual Statements** 

Quarterly Statements

Company Complaint

Company Performance & Comparison Data

Company

**Enforcement Action** 

Composite Complaints Studies

Additional Info

Find A Company Representative In Your Area

View Financial Disclaimer

**Company Information** 

**UNITED FIRE & CASUALTY COMPANY** 

PO BOX 73909 CEDAR RAPIDS, IA 52407-3909 888-793-1481

**Old Company Names** 

**Effective Date** 

Agent For Service

AMANDA GARCIA

330 N Brand Blvd Ste 700 Glendale CA 91203

#### Reference Information

NAIC #:	13021
California Company ID #:	2416-6
Date Authorized in California:	02/11/1981
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	IOWA

# back to top

# **NAIC Group List**

NAIC Group #:

0248

UNITED FIRE & CAS GRP

# **Lines Of Business**

The company is authorized to transact business within these lines of insurance. For an explanation of any of these terms, please refer to the glossary.

AUTOMOBILE

BOILER AND MACHINERY

BURGLARY

COMMON CARRIER LIABILITY

FIRE

LIABILITY

MARINE

**MISCELLANEOUS** PLATE GLASS

SPRINKLER

SURETY

TEAM AND VEHICLE

WORKERS' COMPENSATION

#### back to top

# ANNUAL MEETING OF THE SHAREHOLDERS OF NATIONWIDE CONTRACTING SERVICES INC.

The Annual Meeting of the Shareholders of **NATIONWIDE CONTRACTING SERVICES Inc.** was held at the registered office of the Corporation on Jan 01, 2024 at 2:00 pm

The following Shareholders were present and duly signed Waiver of Notice of said Meeting:

#### ELIE NADER & LUICCI NADER

Elie NADER, the President of the Corporation, called the meeting to order. The President gave his report detailing the Corporation's past performance, present circumstances, future prospects, and other matters. After due consideration, the President's report was accepted.

ELIE NADER, the Treasurer of the Corporation, presented his report detailing the Corporation's financial situation and financial developments during the past fiscal year. After due consideration, the Treasurer's report was accepted.

Nominations were called for the election of Directors. Upon nomination duly made and seconded the following individual was unanimously elected:

Elie Nader as Treasurer Elie Nader as President Luicci Nader as Vice-President Elie Nader as Secretary

Upon motion duly made, seconded and carried, it was:

RESOLVED, that acknowledgment was taken and approval made of the actions of the Board of Directors for the past fiscal year.

RESOLVED, that BOTH the President, Secretary, and the Vice President of the Corporation are authorized to sign and execute bids, contracts, and other legal documents, consider and discuss a possible purchase of additional construction equipment and applying for line of credit with different banks.

There being no further business, on motion the Meeting adjourned.

LUICCI NADER,

Vice-President

ELIE NADER,

Elie Nader

President, Treasurer, Secretary



Dennis Acuna, P. E., T. E. Director of Transportation

# **COUNTY OF RIVERSIDE**

# TRANSPORTATION AND LAND MANAGEMENT AGENCY

# **Transportation Department**

Hector D. Davila, P.E. Deputy for Transportation/ Capital Projects

Russell Williams Deputy for Transportation/ Planning and Development

# **ADDENDUM NUMBER 6**

Dated December 11, 2024

to the Specifications and Contract Documents for the construction of

Pauba Road Widening
Via Del Monte to Calle Contento
Community of Rancho California
Project No. C9-0063; and

De Luz Road
Culvert Replacement at
Ten Locations Along De Luz Road
Between Calle Capistrano and 2,380 Feet South of Buena Loma Road
Community of Santa Rosa
Project No. D0-0057

Bids Due: Wednesday, December 18, 2024; 2:00 p.m.

14<sup>th</sup> Street Transportation Annex 3525 14<sup>th</sup> Street; Riverside, CA 92501 (951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Bid (Proposal). Bidders are directed to sign this addendum as acknowledged and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

https://trans.rctlma.org/notices-inviting-bids

# **MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:**

# Item 1: Revised Proposal

Refer to "Revised Proposal" as issued by Attachment "B" of Addendum No. 1. Delete and replace "Revised Proposal" as issued by Addendum No. 1 with "Revised Proposal" attached herewith as **Attachment "A"**. The following changes have been made to the Proposal:

Note: Revisions made to the proposal by Addendum No. 6 are written with green font and green numbers in Attachment "A".

a. The previous Alternative Bid Schedule 1 for De Luz Road Culvert Replacement at Ten Locations is now Alternative Bid Schedule 2 and the sequential number for its bid items has been updated to bid item No. 78 through bid item No. 101. Addendum No. 6

Pauba Road Widening

Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and

De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057

December 11, 2024 Page 13 of 13

This addendum has been prepared under the direction of the following registered Civil Engineer(s):

Recommended by:

Alfredo Martinez, PE

Engineering Project Manager

No. C- 74665

CIVIL

Concurrence:

Cesar Tolentino, PE

**Engineering Division Manager** 

Acknowledged:

(Contractor)

Date: 12-16-2024

JRJ:jrj:rr

Nationwide Contracting Services, Inc.

DBA Nationwide General Construction Services

Note: Refer to Instruction to Bidders Item No. 8, "Addenda". Submission of all addendum pages and non-bidding document attachments of addendum are not necessary for Bid submittal. Submittal of this acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received on the first page of the Bid form (Proposal).



Dennis Acuna, P. E., T. E. Director of Transportation

# **COUNTY OF RIVERSIDE**

# TRANSPORTATION AND LAND MANAGEMENT AGENCY

# **Transportation Department**

Hector D. Davila, P.E. Deputy for Transportation/ Capital Projects

Russell Williams
Deputy for Transportation/
Planning and Development

# **ADDENDUM NUMBER 5**

Dated November 27, 2024

to the Specifications and Contract Documents for the construction of

Pauba Road Widening
Via Del Monte to Calle Contento
Community of Rancho California
Project No. C9-0063; and

De Luz Road
Culvert Replacement at
Ten Locations Along De Luz Road
Between Calle Capistrano and 2,380 Feet South of Buena Loma Road
Community of Santa Rosa
Project No. D0-0057

**Bids Due:** 

(Revised)

Wednesday, December 18, 2024; 2:00 p.m.

14<sup>th</sup> Street Transportation Annex 3525 14<sup>th</sup> Street; Riverside, CA 92501

(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Bid (Proposal). Bidders are directed to sign this addendum as acknowledged and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

https://trans.rctlma.org/notices-inviting-bids

# **MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:**

Item 1: The new designated date and time for the receipt and opening of bids is revised as follows:

Wednesday, December 18, 2024; 2:00 p.m. 14<sup>th</sup> Street Transportation Annex 3525 14<sup>th</sup> Street; Riverside, CA 92501 (951) 955-6780

Addendum No. 5

Pauba Road Widening

Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and

De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057

November 27, 2024

Page 5 of 5

This addendum has been prepared under the direction of the following registered Civil Engineer(s):

Recommended by:

Alfredo Martinez, PE

**Engineering Project Manager** 



Concurrence:

Cesar Tolentino, PE

**Engineering Division Manager** 

Acknowledged:

(Contractor)

12-16-2024

Date: \_

JRJ:jrj:rr

Nationwide Contracting Services, Inc.

DBA Nationwide General Construction Services

Note: Refer to Instruction to Bidders Item No. 8, "Addenda". Submission of all addendum pages and non-bidding document attachments of addendum are not necessary for Bid submittal. Submittal of this acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received on the first page of the Bid form (Proposal).



## **COUNTY OF RIVERSIDE**

### TRANSPORTATION AND LAND MANAGEMENT AGENCY

## **Transportation Department**

Hector D. Davila, P.E. Deputy for Transportation Capital Projects

Russell Williams Deputy for Transportation Planning and Development

#### **ADDENDUM NUMBER 4**

Dated November 7, 2024

to the Specifications and Contract Documents for the construction of

Pauba Road Widening Via Del Monte to Calle Contento Community of Rancho California Project No. C9-0063; and

De Luz Road Culvert Replacement at Ten Locations Along De Luz Road Between Calle Capistrano and 2,380 Feet South of Buena Loma Road Community of Santa Rosa Project No. D0-0057

**Bids Due:** 

(Revised)

Wednesday, December 4, 2024; 2:00 p.m.

14th Street Transportation Annex 3525 14th Street; Riverside, CA 92501

(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Bid (Proposal). Bidders are directed to sign this addendum as acknowledged and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

https://trans.rctlma.org/notices-inviting-bids

#### **MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:**

The new designated date and time for the receipt and opening of bids is revised as follows:

Wednesday, December 4, 2024; 2:00 p.m. 14th Street Transportation Annex 3525 14th Street; Riverside, CA 92501 (951) 955-6780

Prepared by:	ful k. Jimene)	Date:	November 7, 2024
	Joel Jimenez, Project Manager, Contra	acts/Bidding Unit	

Acknowledged Date:

(Contractor)

JRJ:jrj:rr

Nationwide Contracting Services, Inc.

**DBA Nationwide General Construction Services** 

3525 14th Street · Riverside, CA 92501 · (951) 955-6800

FAX (951) 955-3164



## **COUNTY OF RIVERSIDE**

### TRANSPORTATION AND LAND MANAGEMENT AGENCY

## **Transportation Department**

Hector D. Davila, P.E. Deputy for Transportation Capital Projects

Russell Williams Deputy for Transportation/ Planning and Development

#### **ADDENDUM NUMBER 3**

Dated October 25, 2024

to the **Specifications and Contract Documents** for the construction of

Pauba Road Widening Via Del Monte to Calle Contento Community of Rancho California Project No. C9-0063; and

De Luz Road Culvert Replacement at Ten Locations Along De Luz Road Between Calle Capistrano and 2,380 Feet South of Buena Loma Road Community of Santa Rosa Project No. D0-0057

**Bids Due:** (Revised)

Wednesday, November 13, 2024; 2:00 p.m.

14th Street Transportation Annex 3525 14th Street; Riverside, CA 92501

(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Bid (Proposal). Bidders are directed to sign this addendum as acknowledged and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

https://trans.rctlma.org/notices-inviting-bids

#### **MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:**

Item 1: The new designated date and time for the receipt and opening of bids is revised as follows:

Wednesday, November 13, 2024; 2:00 p.m. 14th Street Transportation Annex 3525 14th Street; Riverside, CA 92501 (951) 955-6780

Prepared by:	Date:10/25/202	4
701		
For Joel Jimenez, Project Manager, Contract	ts/Bidding Unit	

12-16-2024 Acknowledged: Date: (Contractor)

JRJ:jrj:rr

Nationwide Contracting Services, Inc.

DBA Nationwide General Construction Services

3225 14" Street - Riverside, CA 92501 (951) 955-6800

FAX (951) 955-3164



## **COUNTY OF RIVERSIDE**

# TRANSPORTATION AND LAND MANAGEMENT AGENCY

## **Transportation Department**

Hector D. Davila, P.E. Deputy for Transportation/ Capital Projects

Russell Williams
Deputy for Transportation/
Planning and Development

#### **ADDENDUM NUMBER 2**

Dated October 10, 2024

to the Specifications and Contract Documents for the construction of

Pauba Road Widening Via Del Monte to Calle Contento Community of Rancho California Project No. C9-0063; and

De Luz Road
Culvert Replacement at Ten Locations Along De Luz Road
Between Calle Capistrano and 2,380 Feet South of Buena Loma Road
Community of Santa Rosa
Project No. D0-0057

Bids Due:

(Revised)

Wednesday, October 30, 2024; 2:00 p.m.

14<sup>th</sup> Street Transportation Annex 3525 14<sup>th</sup> Street; Riverside, CA 92501

(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Bid (Proposal). Bidders are directed to sign this addendum as acknowledged and attach the signed addendum to the contractor's submitted proposal.

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#### **MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:**

Item 1: The new designated date and time for the receipt and opening of bids is revised as follows:

Wednesday, October 30, 2024; 2:00 p.m. 14<sup>th</sup> Street Transportation Annex 3525 14<sup>th</sup> Street; Riverside, CA 92501 (951) 955-6780

Prepared by:

Date:

10/10/2024

Joel Jimenez, Project Manager, Contracts/Bidding Unit

Acknowledged:

\_ Date:

12-16-2024

JRJ:jrj:rr

(Contractor)

DBA Nationwide General Construction Services

3525 14th Street · Riverside, CA 92501 · (951) 955-6800 FAX (951) 955-3164



## **COUNTY OF RIVERSIDE**

# TRANSPORTATION AND LAND MANAGEMENT AGENCY

## **Transportation Department**

Hector D. Davila, P.E. Deputy for Transportation/ Capital Projects

Russell Williams
Deputy for Transportation/
Planning and Development

#### **ADDENDUM NUMBER 1**

Dated September 26, 2024

to the Specifications and Contract Documents for the construction of

Pauba Road Widening
Via Del Monte to Calle Contento
Community of Rancho California
Project No. C9-0063; and

De Luz Road
Culvert Replacement at
Ten Locations Along De Luz Road
Between Calle Capistrano and 2,380 Feet South of Buena Loma Road
Community of Santa Rosa
Project No. D0-0057

**Bids Due:** 

(Revised)

Wednesday, October 16, 2024; 2:00 p.m.

14<sup>th</sup> Street Transportation Annex 3525 14<sup>th</sup> Street; Riverside, CA 92501

(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Bid (Proposal). Bidders are directed to sign this addendum as acknowledged and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

https://trans.rctlma.org/notices-inviting-bids

#### **MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:**

Item 1: The new designated date and time for the receipt and opening of bids is revised as follows:

Wednesday, October 16, 2024; 2:00 p.m. 14<sup>th</sup> Street Transportation Annex 3525 14<sup>th</sup> Street; Riverside, CA 92501 (951) 955-6780

Addendum No. 1

Pauba Road Widening

Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and

De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057

September 26, 2024

Page 27 of 27

This addendum has been prepared under the direction of the following registered Civil Engineer(s):

Recommended by:

Alfredo Martinez, PE

Engineering Project Manager

ALFREDO MARTINEZ No. C- 74665 **CIVIL** 

Concurrence:

Cesar Tolentino, PE

**Engineering Division Manager** 

Nationwide Contracting Services, Inc. **Acknowledged** 

DBA Nationwide General Construction Services Contractor)

Date: \_\_

12-16-2024

JRJ:jrj:rr

Note: Refer to Instruction to Bidders Item No. 8, "Addenda". Submission of all addendum pages and nonbidding document attachments of addendum are not necessary for Bid submittal. Submittal of this acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received on the first page of the Bid form (Proposal).





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Contractors

**Projects** 

Register

Home > Contractor > NATIONWIDE CONTRACTING SERVICES, INC

#### NATIONWIDE CONTRACTING SERVICES, INC

#### Contractor

Contractor business email

luicci@nationwidecontractors.net

Contractor cation eff date

2022-07-01

Contractor first name

Elie

Contractor mailing city

**Huntington Beach** 

Contractor mailing state

CA	
Contractor mailing zip	
92647	
Contractor physical city	
Huntington Beach	
Contractor physical state	
CA	
Contractor physical zip	
92647	
Contractor certify date	
2022-06-04	
Contractor company type	
Corporation	
Contractor craft legacy	
Drywall Installer Lather Finisher; Cemen	
Contractor craft snow	
Contractor c ation exp date	
2025-06-30	
Contractor date deactivated	
Contractor dba name	
NATIONWIDE GENERAL CONSTRUCTION SERVICES	
Contractor entity number	
c3988208	

Contractor ID	
1000057872	
Contractor last name	
Nader	
Contractor mailing address2	
Contractor physical address1	
7660 Liberty Dr	
Contractor physical address2	
Contractor source	
SNOW	
Contractor wc cert date	
2022-03-30	
Contractor wc exp date	
2023-03-30	
Contractor wc policy number	
WSD5064939	
Contractor wc selection	
Insured by carrier	
Contractor legal entity name	
NATIONWIDE CONTRACTING SERVICES, INC	
Contractor mailing address 1	
7660 Liberty Dr	

Contractor wc carrier

Nationwide Contracting Services Inc

Checked

Terms & Conditions

**Privacy Policy** 

Disclaimer

Nondiscrimination Notice

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#### CERTIFICATE OF LIABILITY INSURANCE

Acct#: 3059117

DATE (MM/DD/YYYY) 3/29/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

	ertificate does not confer rights to the			e holder in lieu of such en	dorse	ment(s).	may rout			
PRODUCER				11	CONTACT NAME:					
USI Insurance Services, LLC 2502 N Rocky Point Drive					PHONE (A/C, No, Ext): 844-290-4908 (A/C, No, Ext): 848-290-4908 (A/C, No): E-MAIL RRS/cetts@locktonaffinity.com					
Tampa, FL 33607				E-MAIL ADDRES	ss: BBSIcer	ts@locktonaffir	nity.com			
Tampa, 1 2 33331								DING COVERAGE		NAIC #
					INSURE	RA: Ace Ame	rican Insurance	Company		22667
INSU	RED FIONWIDE CONTRACTING SERVICES INC	DBA:	NAT	IONWIDE GENERAL	INSURE	RB:				
	NSTRUCTION SERVICES INC	. DDA.	NAI		INSURE	RC:				
	0 Liberty Dr, ntington Beach, CA 92647				INSURE	RD:				
iiui	icington beach, OA 32047				INSURE	RE:				
					INSURE	RF:				
20000000000				NUMBER:				REVISION NUMBER:		
CI	HIS IS TO CERTIFY THAT THE POLICIES DICATED. NOTWITHSTANDING ANY RE ERTIFICATE MAY BE ISSUED OR MAY ICLUSIONS AND CONDITIONS OF SUCH	EQUIR PERT	EMEI	NT, TERM OR CONDITION C THE INSURANCE AFFORDE	DF ANY	CONTRACT	OR OTHER I	DOCUMENT WITH RESPECT	TO V	VHICH THIS
INSR LTR	TYPE OF INSURANCE	ADDL	SUBR	POLICY NUMBER		POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS		
	COMMERCIAL GENERAL LIABILITY	11430	****			,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	EACH OCCURRENCE \$	3	
	CLAIMS-MADE OCCUR							DAMAGE TO RENTED PREMISES (Ea occurrence) \$	S	
								MED EXP (Any one person) \$	3	
								PERSONAL & ADV INJURY \$	5	
	GEN'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE \$	3	
	POLICY PRO- JECT LOC							PRODUCTS - COMP/OP AGG \$	3	
	OTHER:							\$	5	
	AUTOMOBILE LIABILITY							COMBINED SINGLE LIMIT (Ea accident)	5	
	ANY AUTO							BODILY INJURY (Per person) \$		
	OWNED SCHEDULED AUTOS							BODILY INJURY (Per accident) \$	5	
	HIRED NON-OWNED AUTOS ONLY							PROPERTY DAMAGE (Per accident) \$		
								\$	5	
	UMBRELLA LIAB OCCUR							EACH OCCURRENCE \$	5	
	EXCESS LIAB CLAIMS-MADE							AGGREGATE \$	5	
	DED RETENTION \$	-						\$ OTH-	5	
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY  Y/N							X PER OTH- STATUTE ER	0.000	000
Α	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?	N/A		C55615962		4/1/2024	4/1/2025		2,000,	
	(Mandatory in NH) If yes, describe under	1							2,000,	
	DESCRIPTION OF OPERATIONS below	-						E.L. DISEASE - POLICY LIMIT   \$	2,000,	000
DES	CRIPTION OF OPERATIONS / LOCATIONS / VEHIC	LES (A	CORD	   101, Additional Remarks Schedule	e, mav b	e attached if mo	re space is requir	red)		
1	DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) Policy State = CA									
CE	RTIFICATE HOLDER					CANC	ELLATION			
<u> </u>	WIII TORTE HOLDEN					57,110				
Proof Of Insurance						THE E	EXPIRATION D	ABOVE DESCRIBED POLICIES BE ATE THEREOF, NOTICE WI H THE POLICY PROVISIONS.		
						AUTHO	RIZED REPRESE	NTATIVE		
							Lise	a Abernath	ing	

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11/1/23, 4:52 PM Supplier Profile

Printed on: 11/1/2023 4:52:26 PM

To verify most current certification status go to: https://www.caleprocure.ca.gov



#### Office of Small Business & DVBE Services

Certification ID: 2026425

Legal Business Name:

Nationwide Contracting Services, Inc.

Doing Business As (DBA) Name 1:

Nationwide General Construction Services

Doing Business As (DBA) Name 2:

Address:

7660 Liberty Drive Huntington Beach

CA 92647

**Email Address:** 

luicci@nationwidegcs.com

**Business Web Page:** 

www.nationwidecontractors.net

**Business Phone Number:** 

949/500-0894

**Business Fax Number:** 

**Business Types:** 

Construction, Service

Certification Type	Status	From	Ло
SB(Micro)	Approved	10/23/2023	10/31/2025
SB-PW	Approved	10/23/2023	10/31/2025

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Email: <u>OSDSHELP@DGS.CA.GOV</u> Call OSDS Main Number: 916-375-4940

707 3rd Street, 1-400, West Sacramento, CA 95605



## Elie Nader

Phone: 562-607-888

Email: Elie@nationwidecontractors.net

#### Objective

A seasoned civil engineer with extensive experience in public works and private sector construction. Proven expertise in leading complex construction projects, ensuring compliance with safety regulations, and delivering quality results on time and within budget. Passionate about leveraging engineering knowledge to contribute to the development of infrastructure and community projects.

#### Education

Master of Science in Structural Engineering Washington University, Saint Louis, Class of 1985 Bachelor of Science in Civil Engineering Washington University, Saint Louis, Class of 1984

#### Certifications

Professional Engineer (PE) in California Project Management Professional (PMP) Hydronic Piping Certified Installer OSHA Certified CPR Certified

#### **Professional Summary**

Elie has a rich background in civil engineering, starting with his early work with the City of Los Angeles and Caltrans. In 1995, he co-founded his first construction company, Angeles Construction, and later, in 2000, established Mepco Services, Inc., specializing in public works. His expertise spans across a wide range of projects, including ADA accessibility upgrades, park redesigns, school modernizations, and complex infrastructure improvements. Elie is known for his hands-on approach, ensuring every project is executed with precision and high standards.



#### Key Skills

Project Management
Structural Engineering
Civil Engineering
Construction Management
Public Works Projects
Safety and Compliance
Budgeting and Cost Control
Team Leadership and Development

#### Selected Achievements

Led multiple large-scale projects with budgets exceeding \$23 million. Successfully managed ADA compliance upgrades across various municipalities and educational institutions.

Spearheaded park redevelopment projects, enhancing community spaces through innovative design and efficient execution, designed and installed infiltrations systems, underground storm drains, sewer, water, seismic retrofits, asphalt paving, road failure pavement, etc.

## Luicci Nader

Phone: 949-500-0894

Email: Luicci@nationwidecontractors.net

#### Objective

Construction background since my teenage years. Started with my father at Nationwide Contracting Services Inc. DBA Nationwide General Construction Services and went on to work for JRA after graduating from architecture school. After gaining experience in the architecture field, I realized my strengths lay in construction due to my management and stress-handling skills developed over the years working with my father. This led me to pursue a degree in Engineering Management, where I graduated with the highest honors. I am eager to contribute significantly to my father's company.

#### Education

Master of Engineering Management specializing in Project & Program Management American University of Beirut (AUB)

Bachelor of Architecture—Woodbury University.

#### Certifications

Junior Architect in California Project Management Professional (PMP) ACI Adhesive Anchor Installer Certified OSHA Certified CPR Certified Class A Driver's License

#### **Professional Summary**

Luicci has a diverse background in construction and architecture, with a particular focus on project management. His experience includes working on a variety of projects, from public works to ADA compliance upgrades and school renovations. Luicci is known for his strong attention to detail, excellent planning, organizational, and problem-solving skills. His proficiency in software tools like MS Project, Rhino, Revit, AutoCAD, and more, coupled with his management expertise, makes him an asset in any construction or architectural project.

#### Key Skills

Project Management
Architectural Design
Construction Management
ADA Compliance
Software Proficiency (MS Project, Rhino, Revit, AutoCAD, etc.)
Team Leadership and Development
Detail-Oriented with a Focus on Quality

#### Selected Achievements

Managed large-scale projects, including ADA compliance upgrades and park redesigns. Successfully completed multiple public works projects, ensuring high standards of safety and quality using 6 sigma methods.

Recognized for leadership in project management, with a strong ability to handle stress and deliver projects on time and within budget.

Managing equipment on a program level, making sure Trimble setup is on all excavating, grading, and asphalt paving equipment.

## Januario Bartolo

Anaheim, CA 92801 Phone: 714-606-5183

Email: jeen@nationwidecontractors.net

#### Objective

Experienced architecture and engineering professional with over 20 years in the industry. Skilled in land surveying, architectural coordination, and site supervision. Seeking to leverage my technical skills and extensive experience in a challenging role that contributes to successful project outcomes.

#### Education

Bachelor of Science in Architecture University of Assumption - Philippines, Class of 1990

#### **Professional Summary**

Januario has a robust background in architecture and engineering, having worked in various roles from Draftsman to Party Chief Surveyor. With experience in coordinating complex projects, ensuring accurate surveying, and liaising between architects, consultants, and contractors, Januario is adept at managing teams and overseeing the successful completion of construction projects. His international experience in Singapore and the Philippines adds a unique perspective to his work in the United States.

#### Key Skills

AutoCAD, Revit, Trimble, Leika...
Land Surveying
Construction Management
Architectural Coordination
Project Planning and Coordination
Team Leadership
Problem Solving
Effective Communication

#### Selected Achievements

Led survey teams for over 25 years, ensuring precise and accurate data for successful project execution.

Coordinated architectural and structural works across multiple international projects in Singapore.

Consistently delivered high-quality work, meeting project deadlines and maintaining safety standards on site.





## STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION IN-USE OFF-ROAD DIESEL-FUELED VEHICLE LIST

DOT DES-OE-0102.14 (NEW 09/2023)

CONTRACT NO. 07-355604	BIDDING FIRM Nationwide Contractin	g Services, inc
	7., list the fleet name and Off-Road Diesel Fleet Identification (D work below.	
Check here if all flee	ets used to perform work are not subject to 13 CCR § 2449 et	seq. Submit the blank form as part of the bid.
	Fleet Name	DOORS ID Number
CAT TRACKING I	NC.	156164
C.		
		***************************************
*		

ADA Notice This document is available in atternative accessible formats. For more information, please contact the Forms Management Unit at (279) 234-2284, TTY 711, in writing at Forms Management Unit, 1120 N Street, MS-89, Sacramento, CA 95814, or by email at Forms.Management.Unit@dot.ca:gov.





#### STATE OF CALIFORNIA · DEPARTMENT OF TRANSPORTATION

#### IN-USE OFF-ROAD DIESEL-FUELED VEHICLE LIST

DOT DES-OE-0102.14 (NEW 09/2023)

CONTRACT NO.	BIDDING FIRM
Pauba Road Widening	UC Electric

Under 13 CCR § 2449 et seq., list the fleet name and Off-Road Diesel Fleet Identification (DOORS ID) number for every fleet used by you or your subcontractor to perform the work below.

Fleet Name	DOORS ID Number

ADA Notice This document is available in alternative accessible formats. For more information, please contact the Forms Management Unit at (279) 234-2284, TTY 711, in writing at Forms Management Unit, 1120 N Street, MS-89, Sacramento, CA 95814, or by email at Forms.Management.Unit@dot.ca.gov.

#### STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

#### IN-USE OFF-ROAD DIESEL-FUELED VEHICLE LIST

DOT DES-OE-0102.14 (NEW 09/2023)

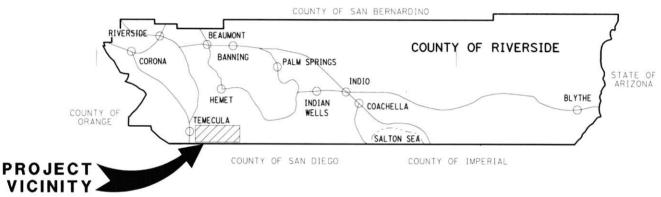
CONTRACT NO.	BIDDING FIRM	
	seq., list the fleet name and Off-Road Diesel Fleet Identificati he work below.	
Check here if all f	leets used to perform work are not subject to 13 CCR § 244	
	Fleet Name	DOORS ID Number
2016 T550 BOBCA		157240
2015 320E JOHN DE	EERE - SS8	157240
2021 SK3000 DITC	H WITCH - DW -3	157240
2020 SK1550 DITCH	WITCH - DW -2	157240
·		

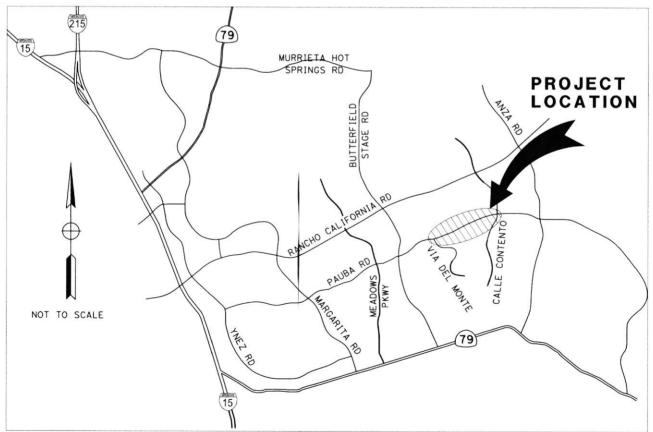


# COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT

### PAUBA ROAD WIDENING

VIA DEL MONTE TO CALLE CONTENTO
COMMUNITY OF RANCHO CALIFORNIA
PROJECT No. C9-0063





VICINITY MAP

# COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT

# DE LUZ ROAD CULVERT REPLACEMENT AT

TEN LOCATIONS ALONG DE LUZ ROAD
BETWEEN CALLE CAPISTRANO AND 2,380 FEET SOUTH OF BUENA LOMA ROAD
COMMUNITY OF SANTA ROSA

PROJECT No. D0-0057 COUNTY OF SAN BERNARDINO BEAUMONT COUNTY OF RIVERSIDE BANNING PALM SPRINGS CORONA STATE OF ARIZONA COUNTY OF ORANGE INDIO BLYTHE HEMET INDIAN R COACHELLA WELLS TEMECULA SALTON SEA COUNTY OF SAN DIEGO COUNTY OF IMPERIAL LOCATION 1-CALLE CAPISTRANO DE LUZ ROAD LOCATION 2-LOCATION 3 DE LUZ ROAD RANCHO CALIFORNIA ROAD DE LUZ ROAD LOCATION 4 CARANCHO ROAD CROSS CREEK GOLF CLUB OCATION 6 LOCATION 5 CAMARON ROAD-LOCATION 7 LOCATION 8 LOCATION 9 -DE LUZ ROAD **BUENA LOMA ROAD** NTS VICINITY MAP LOCATION 10

## **Attachment "A"**

Riverside County Transportation Department

Project:

DE LUZ RD CULVERT REPLACEMENT

AT TEN LOCATIONS

Project No.(s): **D0-0057** 

Expenses as of:

1/30/2025

Project Costs and Budget

r roject costs and budget						
Activity		Incurred Costs	Projected Costs	Total Costs	Existing Budget	Proposed Budget
A Preliminary Survey						
B Design		424,110	10,000	434,110	428,000	435,000
C Environmental		117,020	5,000	122,020	437,000	123,000
D Right-of-way						
E Construction		761	1,172,208	1 200 100	064.000	4 204 000
Construction Contingency	10%		117,221	1,290,190	961,000	1,291,000
F Construction Engineering & Inspection		28,479	365,963	394,442	155,000	395,000
G Construction Survey	5%		58,610	58,610	50,000	59,000
H Utilities						
	Totals:	570,370	1,729,002	2,299,372	2,031,000	2,303,000

-		_	
Dra	IDCT.	- un	dina
10	CCL	ı un	ulliu

Code	Name	Existing Budget	Proposed Budget
223	Gas Tax/SB-1	1,791,000	2,063,000
328	Combined Improvement Fund	240,000	240,000
	To	2 024 000	2 202 000
Comments		tals: 2,031,000	2,303,000

Printed:

February 5,25 12:19 PM

BY:

Alfredo Martinez

## **Attachment "A"**

Riverside County Transportation Department

Project:

PAUBA RD WIDENING PROJECT

VIA DEL MONTE TO CALLE CONTENTO

Project No.(s): C9-0063

Expenses as of:

1/30/2025

**Project Costs and Budget** 

Activity		Incurred Costs	Projected Costs	Total Costs	Existing Budget	Proposed Budget
A Preliminary Survey		346,600		346,600	334,000	347,000
B Design		1,577,091	200,000	1,777,091	1,567,000	1,778,000
C Environmental		410,320	5,000	415,320	530,000	416,000
D Right-of-way		1,188,204	20,000	1,208,204	1,143,000	1,209,000
E Construction			7,548,185	0.202.004	0.407.000	0.004.000
Construction Contingency	10%		754,819	8,303,004	6,497,000	8,304,000
F Construction Engineering & Inspection	20%	12,025	1,497,612	1,509,637	1,182,000	1,510,000
G Construction Survey	5%	11,241	366,168	377,409	296,000	378,000
H Utilities			50,000	50,000	15,000	50,000
	Totals:	3,545,482	10,441,783	13,987,265	11.564.000	13.992.000

**Project Funding** 

Code	Name	Existing Budget	Proposed Budget
223	Gas Tax/SB-1	3,166,000	4,286,000
300	Measure A/Western	6,000,000	8,304,000
328	Combined Improvement Fund	1,500,000	504,000
386	Unincorporated Communities Initiative Funds	898,000	898,000
	Totals:	11,564,000	13,992,00
mments			

Printed:

February 5,25 12:19 PM

BY:

Alfredo Martinez

## **Attachment "A"**

#### Riverside County Transportation Department

Project:

PAUBA RD WIDENING PROJECT & THE

DE LUZ RD CULVERT PROJECT

Project No.(s): C9-0063 & D0-0057

Expenses as of:

1/30/2025

#### **Project Costs and Budget**

Activity		Incurred Costs	Projected Costs	Total Costs	Existing Budget	Proposed Budget
A Preliminary Survey		346,600		346,600	334,000	347,000
B Design		2,001,201	210,000	2,211,201	1,995,000	2,213,000
C Environmental		527,340	10,000	537,340	967,000	539,000
D Right-of-way		1,188,204	20,000	1,208,204	1,143,000	1,209,000
E Construction		761	8,720,393	9,593,193	7 450 000	0.505.000
Construction Contingency	10%		872,039		7,458,000	9,595,000
F Construction Engineering & Inspection		40,504	1,863,574	1,904,079	1,337,000	1,905,000
G Construction Survey		11,241	424,779	436,020	346,000	437,000
H Utilities			50,000	50,000	15,000	50,000
	Totals:	4,115,852	12,170,785	16,286,637	13,595,000	16,295,000

**Project Funding** 

Code	Name	Existing Budget	Proposed Budget
223	Gas Tax/SB-1	4,957,000	6,349,000
300	Measure A/Western	6,000,000	8,304,000
328	Combined Improvement Fund	1,740,000	744,000
386	Unincorporated Communities Initiative Funds	898,000	898,000
		Totals: 13,595,000	16,295,000

Printed:

February 5,25 12:19 PM

BY:

Alfredo Martinez

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

Bids Open: 2 pm Date: Wednesday, December 18, 2024

PROJECT: Pauba Road Widening
Via Del Monte to Calle Contento

Via Del Monte to Calle Contento
Community of Rancho California
Project No. C9-0063; and
De Luz Road
Culvert Replacement at
Ten Locations Along De Luz Road
Between Calle Capistrano and 2,380 Feet South of Buena Loma Road
Community of Santa Rosa
Project No. D0-0057

Company Name	BASE BID SCHEDULE Pauba Road Widening	ALTERNATIVE BID SCHEDULE 1 Rancho California Water District, Facilities Relocations	ALTERNATIVE BID SCHEDULE 2 De Luz Road Culvert Replacement at Ten Locations	Project Total
COUNTY'S ESTIMATE	5,735,971.31	625,700.00	768,673.00	\$7,130,344.31
1 Nationwide Contracting Services, Inc.	6,917,185.00	631,000.00	1,172,208.00	\$8,720,393.00
2 Empire Equipment Service, Inc.	6,786,252.79	839,428.90	1,232,670.41	\$8,858,352.10
3 RAL Investment Corporation	6,542,939.00	963,514.00	1,438,977.00	\$8,945,430.00
4 Ortiz Enterprises, Inc.	8,333,381.00	698,820.00	995,648.00	\$10,027,849.00
5 Riverside Construction Company, Inc.	8,046,294.00	758,000.00	2,018,392.00	\$10,822,686.00
6 All American Asphalt	8,550,991.00	1,539,400.00	1,906,357.00	\$11,996,748.00
Average Bid Prices	\$7,529,507.13	\$905,027.15	\$1,460,708.74	\$9,895,243.02

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California

Project No. C9-0063; and

De Luz Road

Culvert Replacement at

Ten Locations Along De Luz Road

COUNTY/C FOTIMATE

Between Calle Capistrano and 2,380 Feet South of Buena Loma Road

Community of Santa Rosa

Project No. D0-0057

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

BASE BID SCHEDULE - Pauba Road Widening			COUNTY'S	ESTIMATE	Nationwide Contracting Services, Inc. Huntington Beach, CA 92647			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	066100	DUST ABATEMENT	LS	1	15,000.00	15,000.00	50,000.00	50,000.00
2	100100	DEVELOP WATER SUPPLY	LS	1	5,000.00	5,000.00	20,000.00	20,000.00
3	120100	TRAFFIC CONTROL SYSTEM	LS	1	130,000.00	130,000.00	320,000.00	320,000.00
4	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	30,000.00	30,000.00	10,000.00	10,000.00
5	170103	CLEARING AND GRUBBING	LS	1	33,000.00	33,000.00	76,000.00	76,000.00
6	031201	CONSTRUCTION PROJECT FUNDING SIGN	EA	2	1,000.00	2,000.00	5,000.00	10,000.00
7	190101 (F)	ROADWAY EXCAVATION	CY	8,290	115.00	953,350.00	100.00	829,000.00
8	192037 (F)	STRUCTURE EXCAVATION (RETAINING WALL)	CY	1,164	120.00	139,680.00	120.00	139,680.00
9	193013 (F)	STRUCTURE BACKFILL (RETAINING WALL)	CY	951	130.00	123,630.00	120.00	114,120.00
10	194001	DITCH EXCAVATION	CY	67	99.00	6,633.00	120.00	8,040.00
11	260203	CLASS 2 AGGREGATE BASE	CY	2,420	85.00	205,700.00	120.00	290,400.00
12	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	290	6.29	1,824.10	50.00	14,500.00
13	013904	PLACE ASPHALT CONCRETE DIKE (CRS 212) (8")	LF	180	7.75	1,395.00	60.00	10,800.00
14	390132	HOT MIX ASPHALT (TYPE A)	TON	6,950	125.00	868,750.00	180.00	1,251,000.00
15	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	610	3.64	2,220.40	20.00	12,200.00
16	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	9,730	4.55	44,271.50	10.00	97,300.00
17	475010 (F)	RETAINING WALL (MASONRY WALL)	SQFT	2,406	85.00	204,510.00	60.00	144,360.00

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California

Project No. C9-0063; and

De Luz Road

Culvert Replacement at

Ten Locations Along De Luz Road

Between Calle Capistrano and 2,380 Feet South of Buena Loma Road

Community of Santa Rosa

Project No. D0-0057

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

BASE BI	BASE BID SCHEDULE - Pauba Road Widening (continued)			COUNTY'S	COUNTY'S ESTIMATE		Nationwide Contracting Services, Inc. Huntington Beach, CA 92647	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
18	035101	GRAVITY WALL	LF	34	355.00	12,070.00	160.00	5,440.00
19	510060 (F)	STRUCTURAL CONCRETE, RETAINING WALL	CY	254	1,400.00	355,600.00	1,600.00	406,400.00
20	510090 (F)	STRUCTURAL CONCRETE, BOX CULVERT	CY	15	2,260.91	33,913.65	1,800.00	27,000.00
21	510092 (F)	STRUCTURAL CONCRETE, HEADWALL	CY	372	2,526.88	939,999.36	1,600.00	595,200.00
22	511055 (F)	CONCRETE SURFACE TEXTURE	SQFT	2,376	30.00	71,280.00	20.00	47,520.00
23	520103 (F)	BAR REINFORCIN <del>G STEEL (RETAINING WA</del> LL)	LB	23,800	2.30	54,740.00	6.00	142,800.00
24	641101	12" PLASTIC PIPE	LF	3	177.06	531.18	500.00	1,500.00
25	665016	18" CORRUGATED STEEL PIPE (.064" THICK)	LF	158	210.53	33,263.74	380.00	60,040.00
26	665019	21" CORRUGATED STEEL PIPE (.064" THICK)	LF	155	325.75	50,491.25	420.00	65,100.00
27	665030	30" CORRUGATED STEEL PIPE (.064" THICK)	LF	197	389.14	76,660.58	460.00	90,620.00
28	665035	36" CORRUGATED STEEL PIPE (.064" THICK)	LF	81	488.42	39,562.02	490.00	39,690.00
29	667023	42" X 29" CORRUGATED STEEL PIPE ARCH (.079" THICK)	LF	8	604.06	4,832.48	1,000.00	8,000.00
30	691900	FLUME DOWNDRAIN	LF	202	209.52	42,323.04	200.00	40,400.00
31	692101	TAPERED INLET	EA	8	1,285.65	10,285.20	5,000.00	40,000.00
32	037050	21" STEEL FLAIRED END SECTION	EA	1	1,438.72	1,438.72	5,000.00	5,000.00
33	700615	CORRUGATED STEEL PIPE INLET	EA	2	1,367.83	2,735.66	5,000.00	10,000.00
34	037101	CMP CULVERT LINING (CENTRIPIPE)	LF	80	500.00	40,000.00	800.00	64,000.00

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California

Project No. C9-0063; and

De Luz Road

Culvert Replacement at

Ten Locations Along De Luz Road

Between Calle Capistrano and 2,380 Feet South of Buena Loma Road

Community of Santa Rosa

Project No. D0-0057

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

BASE BI	BASE BID SCHEDULE - Pauba Road Widening (continued)					ESTIMATE	Nationwide Contracting Services, Inc. Huntington Beach, CA 92647	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
35	721431	CONCRETE (CONCRETE APRON)	CY	63	2,211.50	139,324.50	1,400.00	88,200.00
36	723050	ROCK SLOPE PROTECTION (1/4 T, Class V, METHOD B)	CY	23	251.09	5,775.07	500.00	11,500.00
37	723080	ROCK SLOPE PROTECTION (60 lb, Class II, METHOD B)	CY	43	254.82	10,957.26	500.00	21,500.00
38	723095	ROCK SLOPE PROTECTION (20 lb, Class I, METHOD B)	CY	116	414.85	48,122.60	500.00	58,000.00
39	730045	MINOR CONCRETE (GUTTER)	CY	12	725.00	8,700.00	1,400.00	16,800.00
40	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	6	650.00	3,900.00	1,400.00	8,400.00
41	731516	MINOR CONCRETE (DRIVEWAY)	CY	180	650.00	117,000.00	1,400.00	252,000.00
42	780440	PREPARE AND STAIN CONCRETE	SQFT	2,400	14.00	33,600.00	25.00	60,000.00
43	038001	CHAIN LINK FENCE (CL-6, TYPE BW)	LF	70	60.00	4,200.00	350.00	24,500.00
44	038002	19' CHAIN LINK GATE (TYPE CL-6) [2-9.5' GATE]	EA	1	3,600.00	3,600.00	8,000.00	8,000.00
45	038003	23' CHAIN LINK GATE (TYPE CL-6) [2-11.5' GATE]	ΕĄ	1	4,300.00	4,300.00	14,000.00	14,000.00
46	800103	TEMPORARY FENCE (TYPE CL-6)	LF	310	22.00	6,820.00	150.00	46,500.00
47	803100	RECONSTRUCT FENCE [WHITE VINYL FENCE W/ WIRE MESH]	LF	690	80.00	55,200.00	180.00	124,200.00
48	803160	RESET GATE	EA	1	3,000.00	3,000.00	3,000.00	3,000.00
49	810230	PAVEMENT MARKER (RETROREFLECTIVE)	EA	474	9.00	4,266.00	50.00	23,700.00
50	820250	REMOVE ROADSIDE SIGN	EA	14	160.00	2,240.00	500.00	7,000.00
51	820590	RELOCATE ROADSIDE SIGN-ONE POST	EA	3	310.00	930.00	1,000.00	3,000.00

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California Project No. C9-0063; and

De Luz Road

Culvert Replacement at

Ten Locations Along De Luz Road

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Community of Santa Rosa

Project No. D0-0057

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

BASE BID SCHEDULE - Pauba Road Widening (continued)					COUNTY'S	ESTIMATE	Nationwide Contracting Services, Inc. Huntington Beach, CA 92647	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
52	820840	ROADSIDE SIGN - ONE POST	EA	16	550.00	8,800.00	1,500.00	24,000.00
53	018302	TRANSITIONAL RAILING (TYPE AGT)	EA	1	7,000.00	7,000.00	5,000.00	5,000.00
54	38301 (F)	PEDESTRIAN SAFETY RAIL [AT CULVERT HEADWALLS]	LF	77	250.00	19,250.00	370.00	28,490.00
55	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	LF	200	45.00	9,000.00	280.00	56,000.00
56	833088 (F)	TUBULAR HANDRAILING	LF	259	275.00	71,225.00	320.00	82,880.00
57	839521 (F)	CABLE RAILING	LF	346	85.00	29,410.00	250.00	86,500.00
58	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	3	5,000.00	15,000.00	5,000.00	15,000.00
59	839742 (F)	CONCRETE BARRIER (TYPE 836A)	LF	259	290.00	75,110.00	375.00	97,125.00
60	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	1,020	18.50	18,870.00	5.00	5,100.00
61	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	17,960	0.50	8,980.00	8.00	143,680.00
62	018701	RESET ELECTRICAL FOR LIGHTING	EA	2	1,500.00	3,000.00	2,000.00	4,000.00
63	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	400,000.00	400,000.00	400,000.00	400,000.00
64	198215	SUBGRADE ENHANCEMENT GEOGRID [TENSAR NX750 GEOGRID]	SQYD	700	10.00	7,000.00	50.00	35,000.00
65	710368	CULVERT SLURRY-CEMENT BACKFILL [0-SACK SLURRY]	CY	130	550.00	71,500.00	800.00	104,000.00
66	803100	RECONSTRUCT FENCE [WROUGHT IRON]	LF	40	80.00	3,200.00	350.00	14,000.00
		BASE BID SCHEDULE SUB-TOTAL ITEMS 1 - 66				5,735,971.31		6,917,185.00

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California

Project No. C9-0063; and

De Luz Road

Culvert Replacement at

Ten Locations Along De Luz Road

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Community of Santa Rosa

Project No. D0-0057

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

ALTERN	ATIVE BID S	CHEDULE 1 - Rancho California Water District, Facilities Reloca	COUNTY'S ESTIMATE Nationwide Contracting Services, In Huntington Beach, CA 92647			The state of the s		
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
67	037701	STEEL FIRE HYDRANT TYPE 1 RELOCATION; ADJUST TO GRADE	EA	2	4,500.00	9,000.00	15,000.00	30,000.00
68	037702	STEEL FIRE HYDRANT TYPE 2 RELOCATION; HORIZONTAL OFFSET	EA	8	8,900.00	71,200.00	15,000.00	120,000.00
69	037703	STEEL FIRE HYDRANT TYPE 3 RELOCATION; ABANDON AND REPLACE	EA	3	23,000.00	69,000.00	20,000.00	60,000.00
70	037704	PVC FIRE HYDRANT TYPE 3 RELOCATION; ABANDON AND REPLACE	EA	2	20,500.00	41,000.00	18,000.00	36,000.00
71	037705	2" AIR VAC AND AIR RELEASE TYPE 1 RELOCATION: ADJUST TO GRADE	EA	3	2,700.00	8,100.00	5,000.00	15,000.00
72	037706	2" AIR VAC AND AIR RELEASE TYPE 1 RELOCATION: HORIZONTAL OFFSET	EA	6	7,000.00	42,000.00	5,000.00	30,000.00
73	037707	1" SERVICE LATERAL/METER TYPE 1 RELOCATION; ADJUST TO GRADE	EA	3	3,000.00	9,000.00	8,000.00	24,000.00
74	037708	1" SERVICE LATERAL/METER TYPE 2 RELOCATION; HORIZONTAL OFFSET	EA	8	14,150.00	113,200.00	8,000.00	64,000.00
75	037709	BACKFLOW ASSEMBLY TYPE 2 RELOCATION; HORIZONTAL OFFSET	EA	2	2,500.00	5,000.00	12,000.00	24,000.00
76	037710	CP TEST STATION TYPE 3 RELOCATION; ABANDON AND REPLACE	EA	6	15,200.00	91,200.00	8,000.00	48,000.00
77	037711	8" PVC WATERLINE RELOCATION	LS	1	167,000.00	167,000.00	180,000.00	180,000.00
		ALT BID SCHEDULE 1 SUB-TOTAL ITEMS 67 - 77				625,700.00		631,000.00

PROJECT: Pauba Road Widening

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Project No. D0-0057

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

ALTERN	ATIVE BID S	CHEDULE 2 - De Luz Road Culvert Replacement at Ten Location	COUNTY'S ESTIMATE		Nationwide Contracting Services, Inc. Huntington Beach, CA 92647			
ITEM NO.	ITEM CODE	CONTRACTITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
78	066100	DUST ABATEMENT	LS	1	5,000.00	5,000.00	25,000.00	25,000.00
79	100100	DEVELOP WATER SUPPLY	LS	1	5,000.00	5,000.00	10,000.00	10,000.00
80	120100	TRAFFIC CONTROL SYSTEM	LS	1	60,000.00	60,000.00	160,000.00	160,000.00
81	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	LS	1	24,000.00	24,000.00	5,000.00	5,000.00
82	170103	CLEARING AND GRUBBING	LS	1	18,000.00	18,000.00	38,000.00	38,000.00
83	190101	ROADWAY EXCAVATION	CY	65	55.00	3,575.00	100.00	6,500.00
84	032001	PLANTING WORK	EA	33	150.00	4,950.00	800.00	26,400.00
85	260203	CLASS 2 AGGREGATE BASE	CY	74	70.00	5,180.00	120.00	8,880.00
86	033901	ASPHALT CONCRETE DIKE	LF	30	15.00	450.00	50.00	1,500.00
87	390132	HOT MIX ASPHALT (TYPE A)	TON	24	135.00	3,240.00	180.00	4,320.00
88	034001	CONCRETE PAVEMENT	CY	42	660.00	27,720.00	1,400.00	58,800.00
89	035101	MINOR CONCRETE (MINOR STRUCTURE)	CY	145	995.00	144,275.00	1,400.00	203,000.00
90	035103	MINOR CONCRETE (MINOR STRUCTURE) [FLARED END SECTION]	EA	6	1,800.00	10,800.00	5,000.00	30,000.00
91	035104	MINOR CONCRETE (MINOR STRUCTURE) [COLLAR]	EA	1	3,000.00	3,000.00	5,000.00	5,000.00
92	650424	36" REINFORCED CONCRETE PIPE (CLASS IV)	LF	116	505.00	58,580.00	650.00	75,400.00
93	650432	48" REINFORCED CONCRETE PIPE (CLASS IV)	LF	81	555.00	44,955.00	850.00	68,850.00
94	650511	18" REINFORCED CONCRETE PIPE (CLASS V)	LF	336	430.00	144,480.00	480.00	161,280.00

PROJECT: Pauba Road Widening

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Project No. D0-0057

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

ALTERNA	ATIVE BID S	CHEDULE 2 - De Luz Road Culvert Replacement at Ten Location	COUNTY'S	ESTIMATE	Nationwide Contracting Services, Inc. Huntington Beach, CA 92647			
ITEM NO.	ITEM CODE	CONTRACTITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
95	650516	24" REINFORCED CONCRETE PIPE (CLASS V)	LF	309	430.00	132,870.00	540.00	166,860.00
96	038001	REMOVE AND REPLACE CHAIN LINK FENCE (TYPE CL-3)	LF	25	50.00	1,250.00	250.00	6,250.00
97	810230	PAVEMENT MARKER (RETROREFLECTIVE)	EA	8	15.00	120.00	50.00	400.00
98	820490	INSTALL TYPE L- <del>2 MARKER TO MATCH EXI</del> STING	EA	16	200.00	3,200.00	100.00	1,600.00
99	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	264	2.00	528.00	12.00	3,168.00
100	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	50,000.00	50,000.00	50,000.00	50,000.00
101	034001	REMOVE AND REPLACE CONCRETE PAVEMENT WITH RAPID STRENGHT CONCRETE (LOCATIONS 5 AND 7)	CY	35	500.00	17,500.00	1,600.00	56,000.00
		ALT BID SCHEDULE 2 SUB-TOTAL ITEMS 78 - 101				768,673.00		1,172,208.00

PROJECT TOTAL	7.130.344.31	8 720 202 00
ITEMS 1 - 101	7,130,344.31	8,720,393.00

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California Project No. C9-0063; and

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BASE BI	D SCHEDULI	E - Pauba Road Widening	Empire Equipment Ser Jurupa Valley, CA 9175		RAL Investment Corporation San Diego, CA 92131			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	066100	DUST ABATEMENT	LS	1	26,800.79	26,800.79	11,919.00	11,919.00
2	100100	DEVELOP WATER SUPPLY	LS	1	19,667.91	19,667.91	17,104.00	17,104.00
3	120100	TRAFFIC CONTROL SYSTEM	LS	1	85,227.58	85,227.58	314,494.00	314,494.00
4	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	4,589.17	4,589.17	22,647.00	22,647.00
5	170103	CLEARING AND GRUBBING	LS	1	22,670.27	22,670.27	438,656.00	438,656.00
6	031201	CONSTRUCTION PROJECT FUNDING SIGN	EA	2	4,137.72	8,275.44	4,172.00	8,344.00
7	190101 (F)	ROADWAY EXCAVATION	CY	8,290	87.06	721,727.40	59.00	489,110.00
8	192037 (F)	STRUCTURE EXCAVATION (RETAINING WALL)	CY	1,164	264.91	308,355.24	102.00	118,728.00
9	193013 (F)	STRUCTURE BACKFILL (RETAINING WALL)	CY	951	87.69	83,393.19	184.00	174,984.00
10	194001	DITCH EXCAVATION	CY	67	156.13	10,460.71	30.00	2,010.00
11	260203	CLASS 2 AGGREGATE BASE	CY	2,420	130.96	316,923.20	60.00	145,200.00
12	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	290	9.81	2,844.90	5.00	1,450.00
13	013904	PLACE ASPHALT CONCRETE DIKE (CRS 212) (8")	LF	180	12.92	2,325.60	5.00	900.00
14	390132	HOT MIX ASPHALT (TYPE A)	TON	6,950	167.67	1,165,306.50	149.00	1,035,550.00
15	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	610	5.52	3,367.20	5.00	3,050.00
16	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	9,730	9.19	89,418.70	5.00	48,650.00
17	475010 (F)	RETAINING WALL (MASONRY WALL)	SQFT	2,406	165.50	398,193.00	247.00	594,282.00

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California

Project No. C9-0063; and

De Luz Road

Culvert Replacement at

Ten Locations Along De Luz Road

Between Calle Capistrano and 2,380 Feet South of Buena Loma Road

Community of Santa Rosa

Project No. D0-0057

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

BASE BI	D SCHEDUL	E - Pauba Road Widening (continued)			3 RAL Investment Corporation San Diego, CA 92131			
ITEM NO.	ITEM CODE	CONTRACTITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
18	035101	GRAVITY WALL	LF	34	669.94	22,777.96	909.00	30,906.00
19	510060 (F)	STRUCTURAL CONCRETE, RETAINING WALL	CY	254	1,578.39	400,911.06	1,422.00	361,188.00
20	510090 (F)	STRUCTURAL CONCRETE, BOX CULVERT	CY	15	4,358.29	65,374.35	2,145.00	32,175.00
21	510092 (F)	STRUCTURAL CONCRETE, HEADWALL	CY	372	2,188.52	814,129.44	1,542.00	573,624.00
22	511055 (F)	CONCRETE SURFACE TEXTURE	SQFT	2,376	58.61	139,257.36	36.00	85,536.00
23	520103 (F)	BAR REINFORCING STEEL (RETAINING WALL)	LB	23,800	2.63	62,594.00	4.00	95,200.00
24	641101	12" PLASTIC PIPE	LF	3	157.34	472.02	28,321.00	84,963.00
25	665016	18" CORRUGATED STEEL PIPE (.064" THICK)	LF	158	195.35	30,865.30	119.00	18,802.00
26	665019	21" CORRUGATED STEEL PIPE (.064" THICK)	LF	155	280.53	43,482.15	119.00	18,445.00
27	665030	30" CORRUGATED STEEL PIPE (.064" THICK)	LF	197	324.03	63,833.91	119.00	23,443.00
28	665035	36" CORRUGATED STEEL PIPE (.064" THICK)	LF	81	260.46	21,097.26	119.00	9,639.00
29	667023	42" X 29" CORRUGATED STEEL PIPE ARCH (.079" THICK)	LF	8	498.56	3,988.48	894.00	7,152.00
30	691900	FLUME DOWNDRAIN	LF	202	349.71	70,641.42	119.00	24,038.00
31	692101	TAPERED INLET	EA	8	1,863.03	14,904.24	2,980.00	23,840.00
32	037050	21" STEEL FLAIRED END SECTION	EA	1	1,341.44	1,341.44	2,980.00	2,980.00
33	700615	CORRUGATED STEEL PIPE INLET	EA	2	5,157.21	10,314.42	1,788.00	3,576.00
34	037101	CMP CULVERT LINING (CENTRIPIPE)	LF	80	215.62	17,249.60	179.00	14,320.00

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California

Project No. C9-0063; and

De Luz Road

Culvert Replacement at

Ten Locations Along De Luz Road

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Community of Santa Rosa

Project No. D0-0057

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

BASE BI	D SCHEDUL	E - Pauba Road Widening (continued)	Empire Equipment Ser Jurupa Valley, CA 917		RAL Investment Corporation San Diego, CA 92131			
ITEM NO.	ITEM CODE	CONTRACTITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
35	721431	CONCRETE (CONCRETE APRON)	CY	63	2,901.17	182,773.71	2,156.00	135,828.00
36	723050	ROCK SLOPE PROTECTION (1/4 T, Class V, METHOD B)	CY	23	575.48	13,236.04	172.00	3,956.00
37	723080	ROCK SLOPE PROTECTION (60 lb, Class II, METHOD B)	CY	43	561.94	24,163.42	165.00	7,095.00
38	723095	ROCK SLOPE PROTECTION (20 lb, Class I, METHOD B)	CY	116	352.90	40,936.40	201.00	23,316.00
39	730045	MINOR CONCRETE (GUTTER)	CY	12	2,046.66	24,559.92	1,061.00	12,732.00
40	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	6	2,156.30	12,937.80	1,573.00	9,438.00
41	731516	MINOR CONCRETE (DRIVEWAY)	CY	180	1,333.89	240,100.20	1,563.00	281,340.00
42	780440	PREPARE AND STAIN CONCRETE	SQFT	2,400	11.15	26,760.00	27.00	64,800.00
43	038001	CHAIN LINK FENCE (CL-6, TYPE BW)	LF	70	131.11	9,177.70	119.00	8,330.00
44	038002	19' CHAIN LINK GATE (TYPE CL-6) [2-9.5' GATE]	EA	1	5,900.37	5,900.37	5,364.00	5,364.00
45	038003	23' CHAIN LINK GATE (TYPE CL-6) [2-11.5' GATE]	EA	1	6,162.61	6,162.61	5,602.00	5,602.00
46	800103	TEMPORARY FENCE (TYPE CL-6)	LF	310	76.04	23,572.40	69.00	21,390.00
47	803100	RECONSTRUCT FENCE [WHITE VINYL FENCE W/ WIRE MESH]	LF	690	163.90	113,091.00	149.00	102,810.00
48	803160	RESET GATE	EA	1	19,012.30	19,012.30	17,283.00	17,283.00
49	810230	PAVEMENT MARKER (RETROREFLECTIVE)	EA	474	13.05	6,185.70	4.00	1,896.00
50	820250	REMOVE ROADSIDE SIGN	EA	14	124.57	1,743.98	72.00	1,008.00
51	820590	RELOCATE ROADSIDE SIGN-ONE POST	EA	3	255.68	767.04	316.00	948.00

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California

Project No. C9-0063; and

De Luz Road

Culvert Replacement at

Ten Locations Along De Luz Road

Between Calle Capistrano and 2,380 Feet South of Buena Loma Road

Community of Santa Rosa

Project No. D0-0057

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

BASE BI	D SCHEDULI	E - Pauba Road Widening (continued)	Empire Equipment Ser Jurupa Valley, CA 917		RAL Investment Corporation San Diego, CA 92131			
ITEM NO.	ITEM CODE	CONTRACTITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
52	820840	ROADSIDE SIGN - ONE POST	EA	16	491.69	7,867.04	584.00	9,344.00
53	018302	TRANSITIONAL RAILING (TYPE AGT)	EA	1	6,818.20	6,818.20	6,198.00	6,198.00
54	38301 (F)	PEDESTRIAN SAFETY RAIL [AT CULVERT HEADWALLS]	LF	77	491.69	37,860.13	447.00	34,419.00
55	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	LF	200	70.80	14,160.00	64.00	12,800.00
56	833088 (F)	TUBULAR HANDRAILING	LF	259	203.24	52,639.16	185.00	47,915.00
57	839521 (F)	CABLE RAILING	LF	346	134.40	46,502.40	122.00	42,212.00
58	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	3	6,424.85	19,274.55	5,841.00	17,523.00
59	839742 (F)	CONCRETE BARRIER (TYPE 836A)	LF	259	450.85	116,770.15	417.00	108,003.00
60	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	1,020	6.49	6,619.80	9.00	9,180.00
61	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	17,960	0.86	15,445.60	1.00	17,960.00
62	018701	RESET ELECTRICAL FOR LIGHTING	EA	2	85,227.58	170,455.16	74,497.00	148,994.00
63	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	400,000.00	400,000.00	400,000.00	400,000.00
64	198215	SUBGRADE ENHANCEMENT GEOGRID [TENSAR NX750 GEOGRID]	SQYD	700	8.89	6,223.00	53.00	37,100.00
65	710368	CULVERT SLURRY-CEMENT BACKFILL [0-SACK SLURRY]	CY	130	433.22	56,318.60	657.00	85,410.00
66	803100	RECONSTRUCT FENCE [WROUGHT IRON]	LF	40	635.93	25,437.20	646.00	25,840.00
		BASE BID SCHEDULE SUB-TOTAL ITEMS 1 - 66				6,786,252.79		6,542,939.00

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California

Project No. C9-0063; and

De Luz Road

Culvert Replacement at

Ten Locations Along De Luz Road

Between Calle Capistrano and 2,380 Feet South of Buena Loma Road

Community of Santa Rosa

Project No. D0-0057

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

				2	3			
AI TEDNI	ATIVE BID S	CHEDULE 1 - Rancho California Water District, Facilities Reloca	tions		Empire Equipment Ser Jurupa Valley, CA 917	5	RAL Investment Corpo San Diego, CA 92131	oration
ITEM NO.		CONTRACTITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	DID FOTIMATE
HEM NO.			UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
67		STEEL FIRE HYDRANT TYPE 1 RELOCATION; ADJUST TO GRADE	EA	2	23,818.27	47,636.54	18,411.00	36,822.00
68	037702	STEEL FIRE HYDRANT TYPE 2 RELOCATION; HORIZONTAL OFFSET	EA	8	13,138.28	105,106.24	18,411.00	147,288.00
69	1 03//03	STEEL FIRE HYDRANT TYPE 3 RELOCATION; ABANDON AND REPLACE	EA	3	29,497.67	88,493.01	18,411.00	55,233.00
70	1 037704	PVC FIRE HYDRANT TYPE 3 RELOCATION; ABANDON AND REPLACE	EA	2	25,122.22	50,244.44	52,166.00	104,332.00
71	037705	2" AIR VAC AND AIR RELEASE TYPE 1 RELOCATION: ADJUST TO GRADE	EA	3	11,998.24	35,994.72	18,411.00	55,233.00
72	1 (13//11)6	2" AIR VAC AND AIR RELEASE TYPE 1 RELOCATION: HORIZONTAL OFFSET	EA	6	11,790.62	70,743.72	18,411.00	110,466.00
73	037707	1" SERVICE LATERAL/METER TYPE 1 RELOCATION; ADJUST TO GRADE	EA	3	7,516.69	22,550.07	18,411.00	55,233.00
74	037708	1" SERVICE LATERAL/METER TYPE 2 RELOCATION; HORIZONTAL OFFSET	EA	8	7,898.84	63,190.72	18,411.00	147,288.00
75	1 037709	BACKFLOW ASSEMBLY TYPE 2 RELOCATION; HORIZONTAL OFFSET	EA	2	72,970.99	145,941.98	18,411.00	36,822.00
76	1 03//10	CP TEST STATION TYPE 3 RELOCATION; ABANDON AND REPLACE	EA	6	7,808.15	46,848.90	18,411.00	110,466.00
77	037711	8" PVC WATERLINE RELOCATION	LS	1	162,678.56	162,678.56	104,331.00	104,331.00
	1	ALT BID SCHEDULE 1 SUB-TOTAL ITEMS 67 - 77				839,428.90		963,514.00

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California

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Community of Santa Rosa

Project No. D0-0057

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

ALTERN	ATIVE BID S	CHEDULE 2 - De Luz Road Culvert Replacement at Ten Location	Empire Equipment Sei Jurupa Valley, CA 917		RAL Investment Corporation San Diego, CA 92131			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
78	066100	DUST ABATEMENT	LS	1	9,307.55	9,307.55	41,412.00	41,412.00
79	100100	DEVELOP WATER SUPPLY	LS	1	9,972.37	9,972.37	23,093.00	23,093.00
80	120100	TRAFFIC CONTROL SYSTEM	LS	1	73,130.51	73,130.51	124,116.00	124,116.00
81	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	LS	1	1,994.46	1,994.46	835.00	835.00
82	170103	CLEARING AND GRUBBING	LS	1	13,174.22	13,174.22	96,667.00	96,667.00
83	190101	ROADWAY EXCAVATION	CY	65	804.12	52,267.80	179.00	11,635.00
84	032001	PLANTING WORK	EA	33	465.37	15,357.21	418.00	13,794.00
85	260203	CLASS 2 AGGREGATE BASE	CY	74	233.25	17,260.50	149.00	11,026.00
86	033901	ASPHALT CONCRETE DIKE	LF	30	19.24	577.20	283.00	8,490.00
87	390132	HOT MIX ASPHALT (TYPE A)	TON	24	1,535.85	36,860.40	537.00	12,888.00
88	034001	CONCRETE PAVEMENT	CY	42	1,265.70	53,159.40	2,584.00	108,528.00
89	035101	MINOR CONCRETE (MINOR STRUCTURE)	CY	145	3,705.10	537,239.50	1,492.00	216,340.00
90	035103	MINOR CONCRETE (MINOR STRUCTURE) [FLARED END SECTION]	EA	6	9,005.74	54,034.44	8,951.00	53,706.00
91	035104	MINOR CONCRETE (MINOR STRUCTURE) [COLLAR]	EA	1	12,832.11	12,832.11	2,531.00	2,531.00
92	650424	36" REINFORCED CONCRETE PIPE (CLASS IV)	LF	116	297.62	34,523.92	776.00	90,016.00
93	650432	48" REINFORCED CONCRETE PIPE (CLASS IV)	LF	81	377.05	30,541.05	895.00	72,495.00
94	650511	18" REINFORCED CONCRETE PIPE (CLASS V)	LF	336	219.65	73,802.40	656.00	220,416.00

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California Project No. C9-0063; and

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Community of Santa Rosa

Project No. D0-0057

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

Bids Open: 2 pm Date: Wednesday, December 18, 2024

Empire Equipment Service, Inc. **RAL Investment Corporation** ALTERNATIVE BID SCHEDULE 2 - De Luz Road Culvert Replacement at Ten Locations (Continued) Jurupa Valley, CA 91752 San Diego, CA 92131 BID UNIT PRICE ITEM NO. ITEM CODE CONTRACT ITEM QUANTITY **BID ESTIMATE** BID UNIT PRICE BID ESTIMATE 95 650516 24" REINFORCED CONCRETE PIPE (CLASS V) LF 309 237.35 73.341.15 656.00 202,704.00 96 038001 REMOVE AND REPLACE CHAIN LINK FENCE (TYPE CL-3) LF 25 186.16 4,654.00 167.00 4,175.00 97 810230 PAVEMENT MARKER (RETROREFLECTIVE) EA 175.28 32.00 21.91 4.00 98 820490 INSTALL TYPE L-2 MARKER TO MATCH EXISTING EA 16 272.57 4.361.12 269.00 4,304.00 99 LF 840656 PAINT TRAFFIC STRIPE (2-COAT) 264 34.58 9.129.12 1.00 264.00 100 010602 MISCELLANEOUS WORK (AS DIRECTED) FA 50,000.00 50,000.00 50,000.00 50,000.00 REMOVE AND REPLACE CONCRETE PAVEMENT WITH 101 034001 CY 35 1,856.42 64,974.70 1,986.00 69.510.00 RAPID STRENGHT CONCRETE (LOCATIONS 5 AND 7) ALT BID SCHEDULE 2 SUB-TOTAL 1,232,670.41 1,438,977.00 ITEMS 78 - 101

PROJECT TOTAL	8,858,352.10	8,945,430.00
ITEMS 1 - 101	,	

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California

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Bids Open: 2 pm Date: Wednesday, December 18, 2024

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

Advertised: September 10, 2024 (Agenda Item: 3.42)

Ortiz Enterprises, Inc. Riverside Construction Company, Inc. BASE BID SCHEDULE - Pauba Road Widening Irvine, CA 92618 Riverside, CA 92501 ITEM NO. ITEM CODE CONTRACT ITEM UNITS QUANTITY **BID UNIT PRICE BID ESTIMATE** BID UNIT PRICE BID ESTIMATE 066100 DUST ABATEMENT LS 15.000.00 15.000.00 15.000.00 15.000.00 1 1 2 100100 DEVELOP WATER SUPPLY LS 5,000.00 5,000.00 5,000.00 5,000.00 3 120100 TRAFFIC CONTROL SYSTEM LS 130,000.00 130,000.00 130,000.00 130,000.00 PREPARE STORM WATER POLLUTION PREVENTION PLAN 4 130300 IS 1 30,000.00 30.000.00 30,000.00 30.000.00 5 LS 33.000.00 33.000.00 33.000.00 33.000.00 170103 CLEARING AND GRUBBING 6 031201 CONSTRUCTION PROJECT FUNDING SIGN EA 2 3,000.00 6,000.00 3,000.00 6,000.00 7 190101 (F) ROADWAY EXCAVATION CY 8.290 150.00 1.243.500.00 95.00 787.550.00 CY 8 192037 (F) STRUCTURE EXCAVATION (RETAINING WALL) 150.00 174,600.00 658.00 765.912.00 1,164 9 193013 (F) STRUCTURE BACKFILL (RETAINING WALL) CY 951 300.00 285,300.00 543.00 516,393.00 10 194001 DITCH EXCAVATION CY 67 90.00 6.030.00 150.00 10.050.00 11 260203 CLASS 2 AGGREGATE BASE CY 2.420 141.00 341,220.00 105.00 254,100.00 LF 12 290 1.160.00 2.00 580.00 013903 PLACE ASPHALT CONCRETE DIKE (CRS 212) (6") 4.00 13 013904 PLACE ASPHALT CONCRETE DIKE (CRS 212) (8") IF 180 4.00 720.00 2.00 360.00 14 390132 TON 6.950 200.00 1,390,000.00 128.00 HOT MIX ASPHALT (TYPE A) 889,600.00 15 394074 PLACE HOT MIX ASPHALT DIKE (TYPE C) 1 F 610 4.00 2,440.00 2.00 1.220.00 16 394076 PLACE HOT MIX ASPHALT DIKE (TYPE E) LF 4.00 38,920.00 2.00 9,730 19,460.00 SQFT 108.00 17 475010 (F) RETAINING WALL (MASONRY WALL) 2,406 225.00 541,350.00 259,848.00

PROJECT: Pauba Road Widening

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BASE BI	D SCHEDUL	E - Pauba Road Widening (continued)	Ortiz Enterprises, Inc. Irvine, CA 92618		Riverside Construction Company, Inc. Riverside, CA 92501			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
18	035101	GRAVITY WALL	LF	34	720.00	24,480.00	500.00	17,000.00
19	510060 (F)	STRUCTURAL CONCRETE, RETAINING WALL	CY	254	1,750.00	444,500.00	2,380.00	604,520.00
20	510090 (F)	STRUCTURAL CONCRETE, BOX CULVERT	CY	15	5,015.00	75,225.00	5,000.00	75,000.00
21	510092 (F)	STRUCTURAL CONCRETE, HEADWALL	CY	372	2,640.00	982,080.00	2,700.00	1,004,400.00
22	511055 (F)	CONCRETE SURFACE TEXTURE	SQFT	2,376	36.00	85,536.00	35.00	83,160.00
23	520103 (F)	BAR REINFORCING STEEL (RETAINING WALL)	LB	23,800	2.00	47,600.00	1.50	35,700.00
24	641101	12" PLASTIC PIPE	LF	3	350.00	1,050.00	850.00	2,550.00
25	665016	18" CORRUGATED STEEL PIPE (.064" THICK)	LF	158	148.00	23,384.00	450.00	71,100.00
26	665019	21" CORRUGATED STEEL PIPE (.064" THICK)	LF	155	263.00	40,765.00	1,100.00	170,500.00
27	665030	30" CORRUGATED STEEL PIPE (.064" THICK)	LF	197	242.00	47,674.00	600.00	118,200.00
28	665035	36" CORRUGATED STEEL PIPE (.064" THICK)	LF	81	310.00	25,110.00	1,250.00	101,250.00
29	667023	42" X 29" CORRUGATED STEEL PIPE ARCH (.079" THICK)	LF	8	1,100.00	8,800.00	2,000.00	16,000.00
30	691900	FLUME DOWNDRAIN	LF	202	265. <del>00</del>	53,530.00	175.00	35,350.00
31	692101	TAPERED INLET	EA	8	60.00	480.00	1,500.00	12,000.00
32	037050	21" STEEL FLAIRED END SECTION	EA	1	2,500.00	2,500.00	2,000.00	2,000.00
33	700615	CORRUGATED STEEL PIPE INLET	EA	2	3,700.00	7,400.00	12,000.00	24,000.00
34	037101	CMP CULVERT LINING (CENTRIPIPE)	LF	80	530.00	42,400.00	1,470.00	117,600.00

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California

Project No. C9-0063; and

De Luz Road

Culvert Replacement at

Ten Locations Along De Luz Road

Between Calle Capistrano and 2,380 Feet South of Buena Loma Road

Community of Santa Rosa

Project No. D0-0057

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

BASE BI	D SCHEDULI	E - Pauba Road Widening (continued)			Ortiz Enterprises, Inc. Irvine, CA 92618	•	Riverside Construction Riverside, CA 92501	n Company, Inc.
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
35	721431	CONCRETE (CONCRETE APRON)	CY	63	2,200.00	138,600.00	2,600.00	163,800.00
36	723050	ROCK SLOPE PROTECTION (1/4 T, Class V, METHOD B)	CY	23	230.00	5,290.00	410.00	9,430.00
37	723080	ROCK SLOPE PROTECTION (60 lb, Class II, METHOD B)	CY	43	225.00	9,675.00	520.00	22,360.00
38	723095	ROCK SLOPE PROTECTION (20 lb, Class I, METHOD B)	CY	116	250.00	29,000.00	240.00	27,840.00
39	730045	MINOR CONCRETE (GUTTER)	CY	12	1,100.00	13,200.00	1,600.00	19,200.00
40	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	6	1,700.00	10,200.00	4,000.00	24,000.00
41	731516	MINOR CONCRETE (DRIVEWAY)	CY	180	1,200.00	216,000.00	3,200.00	576,000.00
42	780440	PREPARE AND STAIN CONCRETE	SQFT	2,400	15.00	36,000.00	10.00	24,000.00
43	038001	CHAIN LINK FENCE (CL-6, TYPE BW)	LF	70	150.00	10,500.00	100.00	7,000.00
44	038002	19' CHAIN LINK GATE (TYPE CL-6) [2-9.5' GATE]	EA	1	10,000.00	10,000.00	4,500.00	4,500.00
45	038003	23' CHAIN LINK GATE (TYPE CL-6) [2-11.5' GATE]	EA	1	10,000.00	10,000.00	4,700.00	4,700.00
46	800103	TEMPORARY FENCE (TYPE CL-6)	LF	310	70.00	21,700.00	58.00	17,980.00
47	803100	RECONSTRUCT FENCE [WHITE VINYL FENCE W/ WIRE MESH]	LF	690	200.00	138,000.00	130.00	89,700.00
48	803160	RESET GATE	EA	1	16,934.00	16,934.00	15,000.00	15,000.00
49	810230	PAVEMENT MARKER (RETROREFLECTIVE)	EA	474	6.00	2,844.00	4.00	1,896.00
50	820250	REMOVE ROADSIDE SIGN	EA	14	90.00	1,260.00	60.00	840.00
51	820590	RELOCATE ROADSIDE SIGN-ONE POST	EA	3	270.00	810.00	280.00	840.00

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California

Project No. C9-0063; and

De Luz Road

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Community of Santa Rosa

Project No. D0-0057

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

BASE BI	ASE BID SCHEDULE - Pauba Road Wid <del>ening (continued)</del>				Ortiz Enterprises, Inc. Irvine, CA 92618	•	Riverside Construction Company, Inc. Riverside, CA 92501	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
52	820840	ROADSIDE SIGN - ONE POST	EA	16	500.00	8,000.00	500.00	8,000.00
53	018302	TRANSITIONAL RAILING (TYPE AGT)	EA	1	6,100.00	6,100.00	5,500.00	5,500.00
54	38301 (F)	PEDESTRIAN SAFETY RAIL [AT CULVERT HEADWALLS]	LF	77	450.00	34,650.00	400.00	30,800.00
55	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	LF	200	63.00	12,600.00	55.00	11,000.00
56	833088 (F)	TUBULAR HANDRAILING	LF	259	181.00	46,879.00	155.00	40,145.00
57	839521 (F)	CABLE RAILING	LF	346	120.00	41,520.00	105.00	36,330.00
58	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	3	5,725.00	17,175.00	5,000.00	15,000.00
59	839742 (F)	CONCRETE BARRIER (TYPE 836A)	LF	259	2,500.00	647,500.00	490.00	126,910.00
60	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	1,020	6.50	6,630.00	8.00	8,160.00
61	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	17,960	1.00	17,960.00	1.00	17,960.00
62	018701	RESET ELECTRICAL FOR LIGHTING	EA	2	40,000.00	80,000.00	15,000.00	30,000.00
63	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	400,000.00	400,000.00	400,000.00	400,000.00
64	198215	SUBGRADE ENHANCEMENT GEOGRID [TENSAR NX750 GEOGRID]	SQYD	700	48.00	33,600.00	30.00	21,000.00
65	710368	CULVERT SLURRY-CEMENT BACKFILL [0-SACK SLURRY]	CY	130	1,000.00	130,000.00	400.00	52,000.00
66	803100	RECONSTRUCT FENCE [WROUGHT IRON]	LF	40	600.00	24,000.00	500.00	20,000.00
		BASE BID SCHEDULE SUB-TOTAL ITEMS 1 - 66				8,333,381.00		8,046,294.00

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California

Project No. C9-0063; and

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Community of Santa Rosa

Project No. D0-0057

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

ALTERN	ATIVE BID S	CHEDULE 1 - Rancho California Water District, Facilities Reloc	ations		Ortiz Enterprises, Inc. Irvine, CA 92618	•	Riverside Construction Company, Inc. Riverside, CA 92501	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
67	037701	STEEL FIRE HYDRANT TYPE 1 RELOCATION; ADJUST TO GRADE	EA	2	10,000.00	20,000.00	6,000.00	12,000.00
68	037702	STEEL FIRE HYDRANT TYPE 2 RELOCATION; HORIZONTAL OFFSET	EA	8	10,000.00	80,000.00	20,000.00	160,000.00
69	037703	STEEL FIRE HYDRANT TYPE 3 RELOCATION; ABANDON AND REPLACE	EA	3	10,000.00	30,000.00	28,000.00	84,000.00
70	037704	PVC FIRE HYDRANT TYPE 3 RELOCATION; ABANDON AND REPLACE	EA	2	10,000.00	20,000.00	28,000.00	56,000.00
71	037705	2" AIR VAC AND AIR RELEASE TYPE 1 RELOCATION: ADJUST TO GRADE	EA	3	3,500.00	10,500.00	15,000.00	45,000.00
72	037706	2" AIR VAC AND AIR RELEASE TYPE 1 RELOCATION: HORIZONTAL OFFSET	EA	6	3,500.00	21,000.00	15,000.00	90,000.00
73	037707	1" SERVICE LATERAL/METER TYPE 1 RELOCATION; ADJUST TO GRADE	EA	3	2,920.00	8,760.00	6,000.00	18,000.00
74	037708	1" SERVICE LATERAL/METER TYPE 2 RELOCATION; HORIZONTAL OFFSET	EA	8	2,920.00	23,360.00	11,000.00	88,000.00
75	037709	BACKFLOW ASSEMBLY TYPE 2 RELOCATION; HORIZONTAL OFFSET	EA	2	3,500.00	7,000.00	8,500.00	17,000.00
76	037710	CP TEST STATION TYPE 3 RELOCATION; ABANDON AND REPLACE	EA	6	4,700.00	28,200.00	10,500.00	63,000.00
77	037711	8" PVC WATERLINE RELOCATION	LS	1	450,000.00	450,000.00	125,000.00	125,000.00
		ALT BID SCHEDULE 1 SUB-TOTAL ITEMS 67 - 77				698,820.00		758,000.00

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Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

ALTERNATIVE BID SCHEDULE 2 - De Luz Road Culvert Replacement at Ten Locations					Ortiz Enterprises, Inc. Irvine, CA 92618	•	Riverside Construction Company, Inc. Riverside, CA 92501	
ITEM NO.	ITEM CODE	CONTRACTITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
78	066100	DUST ABATEMENT	LS	1	5,000.00	5,000.00	5,000.00	5,000.00
79	100100	DEVELOP WATER SUPPLY	LS	1	5,000.00	5,000.00	5,000.00	5,000.00
80	120100	TRAFFIC CONTROL SYSTEM	LS	1	60,000.00	60,000.00	60,000.00	60,000.00
81	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	LS	1	24,000.00	24,000.00	24,000.00	24,000.00
82	170103	CLEARING AND GRUBBING	LS	1	18,000.00	18,000.00	18,000.00	18,000.00
83	190101	ROADWAY EXCAVATION	CY	65	812.00	52,780.00	350.00	22,750.00
84	032001	PLANTING WORK	EA	33	500.00	16,500.00	1,000.00	33,000.00
85	260203	CLASS 2 AGGREGATE BASE	CY	74	250.00	18,500.00	1,350.00	99,900.00
86	033901	ASPHALT CONCRETE DIKE	LF	30	4.00	120.00	600.00	18,000.00
87	390132	HOT MIX ASPHALT (TYPE A)	TON	24	515.00	12,360.00	3,500.00	84,000.00
88	034001	CONCRETE PAVEMENT	CY	42	2,000.00	84,000.00	5,700.00	239,400.00
89	035101	MINOR CONCRETE (MINOR STRUCTURE)	CY	145	1,500.00	217,500.00	4,000.00	580,000.00
90	035103	MINOR CONCRETE (MINOR STRUCTURE) [FLARED END SECTION]	EA	6	3,650.00	21,900.00	27,000.00	162,000.00
91	035104	MINOR CONCRETE (MINOR STRUCTURE) [COLLAR]	EA	1	9,230.00	9,230.00	6,000.00	6,000.00
92	650424	36" REINFORCED CONCRETE PIPE (CLASS IV)	LF	116	450.00	52,200.00	750.00	87,000.00
93	650432	48" REINFORCED CONCRETE PIPE (CLASS IV)	LF	81	1,000.00	81,000.00	650.00	52,650.00
94	650511	18" REINFORCED CONCRETE PIPE (CLASS V)	LF	336	400.00	134,400.00	450.00	151,200.00

PROJECT: Pauba Road Widening

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Community of Santa Rosa

Project No. D0-0057

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

ALTERN	ATIVE BID S	CHEDULE 2 - De Luz Road Culvert Replacement at Ten Location	ıs (Continu	ued)	Ortiz Enterprises, Inc. Irvine, CA 92618	•	Riverside Construction Riverside, CA 92501	n Company, Inc.
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
95	650516	24" REINFORCED CONCRETE PIPE (CLASS V)	LF	309	240.00	74,160.00	500.00	154,500.00
96	038001	REMOVE AND REPLACE CHAIN LINK FENCE (TYPE CL-3)	LF	25	170.00	4,250.00	300.00	7,500.00
97	810230	PAVEMENT MARKER (RETROREFLECTIVE)	EA	8	6.00	48.00	5.00	40.00
98	820490	INSTALL TYPE L-2 MARKER TO MATCH EXISTING	EA	16	250.00	4,000.00	200.00	3,200.00
99	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	264	25.00	6,600.00	18.00	4,752.00
100	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	50,000.00	50,000.00	50,000.00	50,000.00
101	034001	REMOVE AND REPLACE CONCRETE PAVEMENT WITH RAPID STRENGHT CONCRETE (LOCATIONS 5 AND 7)	CY	35	1,260.00	44,100.00	4,300.00	150,500.00
		ALT BID SCHEDULE 2 SUB-TOTAL ITEMS 78 - 101				995,648.00		2,018,392.00

PROJECT TOTAL	40 007 040 00	40.000.000.00
ITEMS 1 - 101	10,027,849.00	10,822,686.00

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California Project No. C9-0063; and

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BASE BI	D SCHEDULI	E - Pauba Road Widening		6 All American Asphalt Corona, CA 92878			
ITEM NO.	ITEM CODE	CONTRACTITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	
1	066100	DUST ABATEMENT	LS	1	13,000.00	13,000.00	
2	100100	DEVELOP WATER SUPPLY	LS	1	6,000.00	6,000.00	
3	120100	TRAFFIC CONTROL SYSTEM	LS	1	700,000.00	700,000.00	
4	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	17,000.00	17,000.00	
5	170103	CLEARING AND GRUBBING	LS	1	370,000.00	370,000.00	
6	031201	CONSTRUCTION PROJECT FUNDING SIGN	EA	2	3,000.00	6,000.00	
7	190101 (F)	ROADWAY EXCAVATION	CY	8,290	92.00	762,680.00	
8	192037 (F)	STRUCTURE EXCAVATION (RETAINING WALL)	CY	1,164	157.00	182,748.00	
9	193013 (F)	STRUCTURE BACKFILL (RETAINING WALL)	CY	951	180.00	171,180.00	
10	194001	DITCH EXCAVATION	CY	67	360.00	24,120.00	
11	260203	CLASS 2 AGGREGATE BASE	CY	2,420	87.00	210,540.00	
12	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	290	3.60	1,044.00	
13	013904	PLACE ASPHALT CONCRETE DIKE (CRS 212) (8")	LF	180	3.60	648.00	
14	390132	HOT MIX ASPHALT (TYPE A)	TON	6,950	133.00	924,350.00	
15	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	610	3.60	2,196.00	
16	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	9,730	3.60	35,028.00	
17	475010 (F)	RETAINING WALL (MASONRY WALL)	SQFT	2,406	130.00	312,780.00	

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BASE BI	ASE BID SCHEDULE - Pauba Road Widening (continued)				All American Asphalt Corona, CA 92878		
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	
18	035101	GRAVITY WALL	LF	34	1,260.00	42,840.00	
19	510060 (F)	STRUCTURAL CONCRETE, RETAINING WALL	CY	254	4,000.00	1,016,000.00	
20	510090 (F)	STRUCTURAL CONCRETE, BOX CULVERT	CY	15	4,580.00	68,700.00	
21	510092 (F)	STRUCTURAL CONCRETE, HEADWALL	CY	372	2,200.00	818,400.00	
22	511055 (F)	CONCRETE SURFACE TEXTURE	SQFT	2,376	50.00	118,800.00	
23	520103 (F)	BAR REINFORCING STEEL (RETAINING WALL)	LB	23,800	5.50	130,900.00	
24	641101	12" PLASTIC PIPE	LF	3	2,460.00	7,380.00	
25	665016	18" CORRUGATED STEEL PIPE (.064" THICK)	LF	158	550.00	86,900.00	
26	665019	21" CORRUGATED STEEL PIPE (.064" THICK)	LF	155	570.00	88,350.00	
27	665030	30" CORRUGATED STEEL PIPE (.064" THICK)	LF	197	820.00	161,540.00	
28	665035	36" CORRUGATED STEEL PIPE (.064" THICK)	LF	81	930.00	75,330.00	
29	667023	42" X 29" CORRUGATED STEEL PIPE ARCH (.079" THICK)	LF	8	2,770.00	22,160.00	
30	691900	FLUME DOWNDRAIN	LF	202	350.00	70,700.00	
31	692101	TAPERED INLET	EA	8	2,100.00	16,800.00	
32	037050	21" STEEL FLAIRED END SECTION	EA	1	5,000.00	5,000.00	
33	700615	CORRUGATED STEEL PIPE INLET	EA	2	15,800.00	31,600.00	
34	037101	CMP CULVERT LINING (CENTRIPIPE)	LF	80	400.00	32,000.00	

PROJECT: Pauba Road Widening

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BASE BII	D SCHEDULI	E - Pauba Road Widening (continued)			All American Asphalt Corona, CA 92878	3	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	I
35	721431	CONCRETE (CONCRETE APRON)	CY	63	4,100.00	258,300.00	
36	723050	ROCK SLOPE PROTECTION (1/4 T, Class V, METHOD B)	CY	23	3,100.00	71,300.00	
37	723080	ROCK SLOPE PROTECTION (60 lb, Class II, METHOD B)	CY	43	3,100.00	133,300.00	
38	723095	ROCK SLOPE PROTECTION (20 lb, Class I, METHOD B)	CY	116	1,500.00	174,000.00	
39	730045	MINOR CONCRETE (GUTTER)	CY	12	1,800.00	21,600.00	
40	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	6	2,400.00	14,400.00	
41	731516	MINOR CONCRETE (DRIVEWAY)	CY	180	920.00	165,600.00	
42	780440	PREPARE AND STAIN CONCRETE	SQFT	2,400	31.00	74,400.00	
43	038001	CHAIN LINK FENCE (CL-6, TYPE BW)	LF	70	110.00	7,700.00	
44	038002	19' CHAIN LINK GATE (TYPE CL-6) [2-9.5' GATE]	EA	1	4,950.00	4,950.00	
45	038003	23' CHAIN LINK GATE (TYPE CL-6) [2-11.5' GATE]	EA	1	5,170.00	5,170.00	
46	800103	TEMPORARY FENCE (TYPE CL-6)	LF	310	64.00	19,840.00	
47	803100	RECONSTRUCT FENCE [WHITE VINYL FENCE W/ WIRE MESH]	LF	690	138.00	95,220.00	
48	803160	RESET GATE	EA	1	16,000.00	16,000.00	
<b>4</b> 9	810230	PAVEMENT MARKER (RETROREFLECTIVE)	EA	474	6.00	2,844.00	
50	820250	REMOVE ROADSIDE SIGN	EA	14	84.00	1,176.00	
51	820590	RELOCATE ROADSIDE SIGN-ONE POST	EA	3	252.00	756.00	

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BASE BI	D SCHEDULI	E - Pauba Road Widening (continued)			All American Asphalt Corona, CA 92878	5	
ITEM NO.	ITEM CODE	CONTRACTITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	
52	820840	ROADSIDE SIGN - ONE POST	EA	16	476.00	7,616.00	
53	018302	TRANSITIONAL RAILING (TYPE AGT)	EA	1	5,700.00	5,700.00	
54	38301 (F)	PEDESTRIAN SAFETY RAIL [AT CULVERT HEADWALLS]	LF	77	413.00	31,801.00	
55	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	LF	200	60.00	12,000.00	
56	833088 (F)	TUBULAR HANDRAILING	LF	259	170.00	44,030.00	
57	839521 (F)	CABLE RAILING	LF	346	113.00	39,098.00	
58	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	3	5,400.00	16,200.00	-
59	839742 (F)	CONCRETE BARRIER (TYPE 836A)	LF	259	540.00	139,860.00	
60	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	1,020	7.00	7,140.00	
61	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	17,960	0.60	10,776.00	ž.
62	018701	RESET ELECTRICAL FOR LIGHTING	EA	2	55,000.00	110,000.00	
63	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	400,000.00	400,000.00	
64	198215	SUBGRADE ENHANCEMENT GEOGRID [TENSAR NX750 GEOGRID]	SQYD	700	25.00	17,500.00	
65	710368	CULVERT SLURRY-CEMENT BACKFILL [0-SACK SLURRY]	CY	130	680.00	88,400.00	
66	803100	RECONSTRUCT FENCE [WROUGHT IRON]	LF	40	540.00	21,600.00	
		BASE BID SCHEDULE SUB-TOTAL ITEMS 1 - 66				8,550,991.00	

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California

Project No. C9-0063; and

De Luz Road

Culvert Replacement at

Ten Locations Along De Luz Road

Between Calle Capistrano and 2,380 Feet South of Buena Loma Road

1,539,400.00

Community of Santa Rosa

Project No. D0-0057

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24) Bids Open: 2 pm Date: Wednesday, December 18, 2024

Advertised: September 10, 2024 (Agenda Item: 3.42)

All American Asphalt ALTERNATIVE BID SCHEDULE 1 - Rancho California Water District, Facilities Relocations Corona, CA 92878 QUANTITY BID UNIT PRICE ITEM NO. ITEM CODE CONTRACT ITEM UNITS **BID ESTIMATE** STEEL FIRE HYDRANT TYPE 1 RELOCATION: 67 037701 EA 8.800.00 17.600.00 ADJUST TO GRADE STEEL FIRE HYDRANT TYPE 2 RELOCATION; 68 037702 EA 43,500.00 348.000.00 HORIZONTAL OFFSET STEEL FIRE HYDRANT TYPE 3 RELOCATION; 69 037703 EA 3 54,000.00 162,000.00 ABANDON AND REPLACE PVC FIRE HYDRANT TYPE 3 RELOCATION: 70 037704 EA 43.500.00 87,000.00 ABANDON AND REPLACE 2" AIR VAC AND AIR RELEASE TYPE 1 RELOCATION: 037705 EA 8,700.00 26,100.00 71 3 ADJUST TO GRADE 2" AIR VAC AND AIR RELEASE TYPE 1 RELOCATION: 72 037706 FA 112,200.00 18,700.00 HORIZONTAL OFFSET 1" SERVICE LATERAL/METER TYPE 1 RELOCATION: 73 037707 EA 3 6,500.00 19,500.00 ADJUST TO GRADE 1" SERVICE LATERAL/METER TYPE 2 RELOCATION; 74 037708 EA 21,000.00 168,000.00 HORIZONTAL OFFSET BACKFLOW ASSEMBLY TYPE 2 RELOCATION; 75 037709 FA 35,000.00 70,000.00 HORIZONTAL OFFSET CP TEST STATION TYPE 3 RELOCATION: 76 037710 EA 37,000.00 222,000.00 ABANDON AND REPLACE LS 307,000.00 307,000.00 77 037711 8" PVC WATERLINE RELOCATION 1

ITEMS 67 - 77

ALT BID SCHEDULE 1 SUB-TOTAL

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California

Project No. C9-0063; and

De Luz Road

Culvert Replacement at

Ten Locations Along De Luz Road

Between Calle Capistrano and 2,380 Feet South of Buena Loma Road

319,000.00

30.600.00

2,700.00

107.880.00

89,100.00

292,320.00

Community of Santa Rosa

2.200.00

5.100.00

2,700.00

930.00

1,100.00

870.00

Project No. D0-0057

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

MINOR CONCRETE (MINOR STRUCTURE)

MINOR CONCRETE (MINOR STRUCTURE)

MINOR CONCRETE (MINOR STRUCTURE) [COLLAR]

36" REINFORCED CONCRETE PIPE (CLASS IV)

48" REINFORCED CONCRETE PIPE (CLASS IV)

18" REINFORCED CONCRETE PIPE (CLASS V)

[FLARED END SECTION]

Bids Open: 2 pm Date: Wednesday, December 18, 2024

All American Asphalt ALTERNATIVE BID SCHEDULE 2 - De Luz Road Culvert Replacement at Ten Locations Corona, CA 92878 ITEM NO. ITEM CODE CONTRACT ITEM UNITS QUANTITY **BID UNIT PRICE BID ESTIMATE** 78 066100 DUST ABATEMENT LS 1 1,500.00 1,500.00 79 100100 DEVELOP WATER SUPPLY LS 6.000.00 6.000.00 1 80 TRAFFIC CONTROL SYSTEM IS 120100 1 256,000.00 256,000.00 81 130200 PREPARE WATER POLLUTION CONTROL PROGRAM LS 1 2,000.00 2,000.00 82 170103 CLEARING AND GRUBBING LS 1 100,000.00 100,000.00 83 190101 ROADWAY EXCAVATION CY 65 810.00 52,650.00 84 032001 280.00 PLANTING WORK EA 33 9,240.00 85 260203 CY CLASS 2 AGGREGATE BASE 74 570.00 42,180.00 86 033901 1 F ASPHALT CONCRETE DIKE 240.00 7,200.00 30 87 390132 HOT MIX ASPHALT (TYPE A) TON 700.00 24 16,800.00 88 034001 CONCRETE PAVEMENT CY 42 90.300.00 2,150,00

145

6

116

81

336

CY

EΑ

EA

LF

IF

1 F

PaubaRd.(C9-0063, D0-0057): Summary Web Updated: 2/11/2025

89

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035101

035103

035104

650424

650432

650511

PROJECT: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California

Project No. C9-0063; and

De Luz Road

Culvert Replacement at

Ten Locations Along De Luz Road

Between Calle Capistrano and 2,380 Feet South of Buena Loma Road

Community of Santa Rosa

Project No. D0-0057

Advertised: September 10, 2024 (Agenda Item: 3.42)

Addenda: 1(9/26/24), 2(10/10/24), 3(10/25/24), 4(11/7/24), 5(11/27/24), 6(12/11/24)

Bids Open: 2 pm Date: Wednesday, December 18, 2024

ALTERN						All American Asphalt Corona, CA 92878		
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE		
95	650516	24" REINFORCED CONCRETE PIPE (CLASS V)	LF	309	900.00	278,100.00		
96	038001	REMOVE AND REPLACE CHAIN LINK FENCE (TYPE CL-3)	LF	25	155.00	3,875.00		
97	810230	PAVEMENT MARKER (RETROREFLECTIVE)	EA	8	6.00	48.00		
98	820490	INSTALL TYPE L-2 MARKER TO MATCH EXISTING	EA	16	224.00	3,584.00		
99	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	264	20.00	5,280.00		
100	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	50,000.00	50,000.00		
101	034001	REMOVE AND REPLACE CONCRETE PAVEMENT WITH RAPID STRENGHT CONCRETE (LOCATIONS 5 AND 7)	CY	35	4,000.00	140,000.00		
		ALT BID SCHEDULE 2 SUB-TOTAL ITEMS 78 - 101				1,906,357.00		

PROJECT TOTAL	11,996,748.00
ITEMS 1 - 101	11,330,740.00

PaubaRd.(C9-0063, D0-0057): Summary Web-Updated: 2/11/2025

### **Subcontractors**

Project: Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California; and

De Luz Road

Culvert Replacement at

Ten Locations Along De Luz Road

Between Calle Capistrano and 2,380 Feet South of Buena Loma Road

Community of Santa Rosa

Project No.: C9-0063 & D0-0057

Apparent Low Bidder: Nationwide Contracting Services, Inc.

Subcontractor Name	Description of Work/ Bid Items	
MEPPRO INC HUNTINGTON BEACH, CA Lic. No. 1060689 DIR Reg No. 1001023053	ITEMS: HOT MIX ASPHALT (PARTIAL)  14) HOT MIX ASPHALT (TYPE A)	
DEES BURKE ENGINEERING CONSTRUCTORS LLC ONTARIO, CA Lic. No. 1012305 DIR Reg No. 1000036375	ITEMS: CONCRETE BARRIER (PARTIAL) 59) CONCRETE BARRIER (TYPE 836A)	
CAT TRACKING INC RIVERSIDE, CA Lic. No. 991122 DIR Reg No. 1000011750	ITEMS: STRIPING AND SIGNAGE  49) PAVEMENT MARKER (RETROREFLECTIVE) 50) REMOVE ROADSIDE SIGN 51) RELOCATE ROADSIDE SIGN-ONE POST 52) ROADSIDE SIGN - ONE POST 60) THERMOPLASTIC PAVEMENT MARKING 61) PAINT TRAFFIC STRIPE (2-COAT) 97) PAVEMENT MARKER (RETROREFLECTIVE) 98) INSTALL TYPE L-2 MARKER TO MATCH EXISTING 99) PAINT TRAFFIC STRIPE (2-COAT)	
U C ELECTRIC MORENO VALLEY, CA Lic. No. 814643 DIR Reg No. 1000032144	ITEMS: ELECTRICAL (PARTIAL) 62) RESET ELECTRICAL FOR LIGHTING	
ACE FENCE COMPANY LA PUENTE, CA Lic. No. 996577 DIR Reg No. 1000004092	ITEMS: FENCING  43) CHAIN LINK FENCE (CL-6, TYPE BW)  47) RECONSTRUCT FENCE [WHITE VINYL FENCE W/ WIRE MESH]  66) RECONSTRUCT FENCE [WROUGHT IRON]  96) REMOVE AND REPLACE CHAIN LINK FENCE (TYPE CL-3)	

### Pauba Road Widening

Via Del Monte to Calle Contento Community of Rancho California Project No. C9-0063;

and

### De Luz Road Culvert Replacement at

Ten Locations Along De Luz Road
Between Calle Capistrano and 2,380 Feet South of Buena Loma Road
Community of Santa Rosa
Project No. D0-0057

### **Addenda**

### 1. Addendum No. 1 dated September 26, 2024

Addendum No. 1

Attachment "A" to Addendum No. 1 (Revised Bid Bond Form)

Attachment "B" to Addendum No. 1 (Revised Proposal)

Attachment "C" to Addendum No. 1 (Environmental Permit – CDFW)

Attachment "D" to Addendum No. 1 (Environmental Permit – RWQCB San Diego Region, 401)

Attachment "E" to Addendum No. 1 (Avoidance, Minimization, and Mitigation Measures)

Attachment "F" to Addendum No. 1 (Added Plan Sheets, De Luz Road Culvert Replacement at Ten Locations Along De Luz Road)

#### 2. Addendum No. 2 dated October 10, 2024

Addendum No. 2 (Bid Date Extension)

### 3. Addendum No. 3 dated October 25, 2024

Addendum No. 3 (Bid Date Extension)

#### 4. Addendum No. 4 dated November 07, 2024

Addendum No. 4 (Bid Date Extension)

### 5. Addendum No. 5 dated November 27, 2024

Addendum No. 5

Attachment "A" to Addendum No. 5 (Revised Plans)

Attachment "B" to Addendum No. 5 (Contractors Questions and Responses)

### 6. Addendum No. 6 dated December 11, 2024

Addendum No. 6

Attachment "A" to Addendum No. 6 (Revised Proposal)

Attachment "B" to Addendum No. 6 (Special Provisions for RCWD Relocations)

Attachment "C" to Addendum No. 6 (Revised Plan Sheets)

Attachment "D" to Addendum No. 6 (Added Plan Sheets)



Director of Transportation

### **COUNTY OF RIVERSIDE**

# TRANSPORTATION AND LAND MANAGEMENT AGENCY

### **Transportation Department**

Hector D. Davila, P.E.
Deputy for Transportation/
Capital Projects

Russell Williams
Deputy for Transportation/
Planning and Development

### **ADDENDUM NUMBER 1**

Dated September 26, 2024

to the Specifications and Contract Documents for the construction of

Pauba Road Widening
Via Del Monte to Calle Contento
Community of Rancho California
Project No. C9-0063; and

De Luz Road
Culvert Replacement at
Ten Locations Along De Luz Road
Between Calle Capistrano and 2,380 Feet South of Buena Loma Road
Community of Santa Rosa
Project No. D0-0057

Bids Due: (Revised)

Wednesday, October 16, 2024; 2:00 p.m.

14<sup>th</sup> Street Transportation Annex 3525 14<sup>th</sup> Street; Riverside, CA 92501

(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Bid (Proposal). Bidders are directed to sign this addendum as acknowledged and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

https://trans.rctlma.org/notices-inviting-bids

#### **MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:**

**Item 1:** The new designated date and time for the receipt and opening of bids is revised as follows:

Wednesday, October 16, 2024; 2:00 p.m. 14<sup>th</sup> Street Transportation Annex 3525 14<sup>th</sup> Street; Riverside, CA 92501 (951) 955-6780

Pauba Road Widening

Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and

De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057

September 26, 2024

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#### Item 2: Incorporation of Additional Work, Project Name and Bid Bond Template Update.

The De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, is hereby incorporated to the Pauba Road Widening project.

Additional items of work, plans, special provisions and modifications to other bidding documents are provided by this addendum to clarify requirements of the De Luz Road Culvert Replacement Project.

Refer to all Bidding Documents / Contract Documents. Whenever and wherever in the Contract Documents the project name is used, it shall be understood to mean and refer to:

Pauba Road Widening
Via Del Monte to Calle Contento
Community of Rancho California
Project No. C9-0063; and

De Luz Road
Culvert Replacement at
Ten Locations Along De Luz Road
Between Calle Capistrano and 2,380 Feet South of Buena Loma Road
Community of Santa Rosa
Project No. D0-0057

**Bid Bond.** Refer to "Bid Bond" template on page B11. Delete and replace page B11 with revised page B11 attached herewith as **Attachment "A".** 

#### Item 3: Revised Proposal

Refer to "Proposal" pages B2-B5. Delete and replace "Proposal" (pages B2-B4) with "Proposal (Revised)" attached herewith as **Attachment "B".** 

Note: Revisions made to the proposal by Addendum No. 1 are written with blue font and blue numbers in Attachment "B".

- a. The following bid schedule is incorporated in the contract and is made part hereby:
  - ALTERNATIVE BID SCHEDULE 1 De Luz Road Culvert Replacement at Ten Locations
- **Item 4: Project Description –** Refer to Section 00-1.01, "Project Description," on page 1 of the special provisions. The following paragraphs are added at the end of Section 00-1.01:

### De Luz Road Culvert Replacement at Ten Locations Along De Luz Road

In general, this project consists of removing existing roadway culverts on De Luz Road by trenching and replacing the existing culverts with RCP culverts. The placement of headwalls, wingwalls and flared end sections is also included.

The proposed project also includes:

- Placement of asphalt concrete roadway where removed
- Placement of PCC concrete roadway where removed
- Placement of asphalt concrete dike where removed
- Contour grading as needed for drainage improvements
- Removal and replacement of an existing chain link fence
- Protecting in place some existing features
- Installation of striping, and pavement markers, where removed

Pauba Road Widening

Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057

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- Maintenance of traffic at construction locations
- Removing palm trees and replacing native plants

Any other work as may be required

#### Item 5: Environmental Permits - De Luz Road Culvert Replacement Project

Refer to Appendices A, B, C, D and F in the Specifications Book. The following two Environmental Permits, and Avoidance, Minimization, and Mitigation Measures (AMMM) document, applicable to De Luz Road Culvert Replacement Project, are incorporated to the Special Provisions as Appendices G, H and I and are hereby provided for bidder's and Contractor's information and compliance:

- Appendix G California Department of Fish and Wildlife (CDFW), Lake or Streambed Alteration Agreement
- Appendix H California Regional Water Quality Control Board San Diego Region, Clean Water Act Section 401 Water Quality Certification
- Appendix I Avoidance, Minimization, and Mitigation Measures (AMMM)

The environmental permits and AMMM are attached herewith as **Attachment "C"**, **Attachment "D"**, and **Attachment "E"** respectively.

Full compensation for compliance with these environmental permit's and AMMM requirements shall be considered as included in the contract price paid for the various items of work for De Luz Road Culvert Replacement project and no additional compensation will be allowed therefor.

#### Item 6: Notice to Bidders

Refer to "Notice to Bidders" on page v of the Specifications and Contract Documents book.

• The Engineering Estimate range for Alternative Bid Schedule 1, and Alternative Bid Schedule 2 are added herby:

Engineering Estimate: \$ 5,300,000 - \$ 6,200,000 (Base Bid Schedule)

\$ 690,500 - \$ 800,500 (Alternative Bid Schedule 1)

### Item 7: Time of Completion

Refer to Section 00-1.03 "Time of Completion," on page 1 of the special provisions. Delete the first paragraph, and replace it with the following paragraph:

For Pauba Road Widening project, and De Luz Road and Culvert Replacement at Ten Locations Along De Luz Road project, the Contractor shall diligently prosecute the work, to completion before the expiration of **100 working days** from the date stated in the "Notice to Proceed".

Pauba Road Widening

Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057

September 26, 2024

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### **Item 8: Progress Payment Restrictions**

Refer to Section 00-1.08, "Progress Payment Restrictions," on page 4 of the special provisions.

• Payment restrictions for De Luz Road and Culvert Replacement at Ten Locations Along De Luz Road Project are added to Section 00-1.08, and are made a part hereby:

#### **Pauba Road Widening Project**

A.	Dust Abatement	\$ 15,000.00
B.	Develop Water Supply	\$ 5,000.00
C.	Traffic Control System	\$ 130,000.00
D.	Prepare SWPPP	\$ 30,000.00
E.	Clearing and Grubbing	\$ 33,000.00

#### De Luz Road and Culvert Replacement at Ten Locations Along De Luz Road Project

Α.	Dust Abatement	\$ 5,000.00
B.	Develop Water Supply	\$ 5,000.00
C.	Traffic Control System	\$ 60,000.00
D.	Prepare WPCP	\$ 24,000.00
E.	Clearing and Grubbing	\$ 18,000.00

#### Item 9: Supplemental Project Information - De Luz Road Culvert Replacement Project

Refer to Section 2, "Bidding," on page 12 of the special provisions. The following the special provisions are added and are made a part hereby:

#### Add between the 1st and 2nd paragraphs of section 2-1.06B:

The Department makes the following supplemental project information available:

**Supplemental Project Information** 

Means	Description	
Available for inspection at:  County of Riverside website during advertisement period.  https://trans.rctlma.org/notices-inviting-bids	Determination of Biologically Equivalent or Superior Preservation Report (DBESP), for De Luz Road Culvert Replacement at Ten Locations Along De Luz Road project	

Pauba Road Widening

Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and

De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057

September 26, 2024

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### Item 10: Portable Changeable Message Signs – De Luz Road Culvert Replacement Project

Refer to Portable Changeable Message Signs paragraph in Section 10-1.02, "Work Sequencing / Order Of Work," on pages 15 and 16 of the special provisions.

Delete the Portable Changeable Message Signs paragraph and replace it with the following paragraphs:

#### Portable Changeable Message Signs

**For Pauba Road Widening Project, six (6)** Portable Changeable Message Signs (PCMS) are to be provided 2 weeks prior to the start of work.

**For De Luz Road Culvert Replacement Project, six (6)** Portable Changeable Message Signs (PCMS) are to be provided 2 weeks prior to the start of work.

Refer to Section 12-3.32C, "Portable Changeable Message Signs", on page 17 of the Special Provisions.

Delete the first paragraph of Section 12-3.32C, "Portable Changeable Message Signs", and replace it with the following paragraph:

For each project, a minimum of **six (6)** portable Changeable Message Signs (PCMS) shall be furnished, placed, operated and maintained at locations designated by the Engineer in conformance with the provisions in Section 12, "Temporary Traffic Control" of the Standard Specifications and these Special Provisions.

Refer to sub-section 12-5.03, "Compliance", of Section 12-5, "Traffic Control Systems", on page 20 of the Special Provisions.

Delete the seventh paragraph of sub-section 12-5.03, "Compliance", and replace it with the following paragraph:

For each project, a minimum of **six (6)** portable Changeable Message Signs (PCMS) shall be furnished, placed, operated and maintained at locations designated by the Engineer in conformance with the provisions in Section 12, "Temporary Traffic Control" of the Standard Specifications and these Special Provisions.

#### Item 11: Water Pollution Control (SANTA ANA RIVER REGION)

Refer to Section 13, "Stormwater Pollution Control," on pages 21 through 28 of the special provisions.

The following special provisions are added to Section 13 and are made a part hereby:

Contractor shall prepare and provide one Storm Water Pollution Prevention Plan (SWPPP) for the Pauba Road Widening project, and one Water Pollution Control Program (WPCP) for the De Luz Road Culvert Replacement at Ten Locations Along De Luz Road project.

The following special provisions are added to Section 13 and are made a part hereby:

Replace section 13-2 Water Pollution Control Program with:

13-2.01 Water Pollution Control 13-2.01(A) General

Pauba Road Widening

Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and

De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057

September 26, 2024

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#### WATER POLLUTION CONTROL (SAN DIEGO REGION):

For De Luz Road Culvert Replacement Project, throughout the term of this contract, the total land disturbance area of the project site shall be less than 1 acre.

The Contractor shall comply with the Area-Wide Municipal Stormwater Permit NPDES No. CAS0109266 hereafter referred to in this section as the "Municipal Permit", issued by the California Regional Water Quality Control Board (CRWQCB) – San Diego Region. This Permit regulate both stormwater and non-stormwater discharges associated with Contractor's construction activities. A copy of the Permits may be obtained at the office of the County of Riverside Transportation Department, 14<sup>th</sup> Street Transportation Annex, 3525 14<sup>th</sup> Street, Riverside, California. (951) 955-6780, or may be obtained on the internet at:

http://www.waterboards.ca.gov/sandiego/ for San Diego Region Municipal Permit

The Contractor shall comply with the requirements of the Municipal Permit, and all other applicable federal, state and local laws, ordinances, statues, rules, and regulations concerning water pollution control.

The WPCP shall include Fact Sheets for all selected project BMPs.

Contractor's Water Pollution Control Program (WPCP) shall be prepared by a Qualified SWPPP Developer in accordance with Section 3, "Preparing a Water Pollution Control Program (WPCP)", of the Caltrans Stormwater Pollution Prevention Plan (SWPPP) and Water Pollution Control Program (WPCP) Preparation Manual, which is available as a free download from:

http://dot.ca.gov/programs/construction/storm-water-and-water-pollution-control

Contractor's QSD must use the most current Caltran's Water Pollution Control Program (WPCP) template. An electronic template prepared to assist construction contractors in their preparation of a Water Pollution Control Program (WPCP) is available at:

http://https://dot.ca.gov/programs/construction/storm-water-and-water-pollution-control

#### 13-2.01(B) WATER POLLUTION CONTROL MEASURES

- A. Work having the potential to cause water pollution shall not commence until the Contractor's WPCP has been reviewed and approved by the Engineer. The Engineer's review and approval of the Contractor's WPCP shall not waive any contractual requirements and shall not relieve the Contractor from achieving and maintaining compliance with all federal, state, and local laws, ordinances, statues, rules, and regulations. A copy of Contractor's WPCP shall be maintained onsite. When the WPCP or access to the construction site is requested by a representative of a federal, state, or local regulatory agency, Contractor shall make the WPCP available and Contractor shall immediately contact the Engineer. Requests from the public for the Contractor's WPCP shall be directed to the Engineer.
- B. Contractor's WPCP shall describe the Contractor's plan for managing run-on and runoff during each construction phase. Contractor's WPCP shall describe the Best Management Practices (BMPs) that will be implemented to control erosion, sediment, tracking, construction materials, construction wastes, and non-stormwater flows. BMP details shall be based on Caltrans Construction Site BMP Manual (<a href="http://www.dot.ca.gov/programs/construction/storm-water-and-water-pollution-control/manuals-and-handbooks">http://www.dot.ca.gov/programs/construction/storm-water-and-water-pollution-control/manuals-and-handbooks</a>). Contractor's WPCP shall describe installation, operation, inspection, maintenance, and monitoring activities that will be implemented for compliance with the Municipal Permit and all applicable federal, state, and local laws, ordinances, statutes, rules, and regulations related to the protection of water quality.

Pauba Road Widening

Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and

De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057

September 26, 2024

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C. The Contractor's WPCP preparer shall have been trained to prepare WPCPs or SWPPPs and shall have previous experience with preparing SWPPP or WPCP requirements on a previous project.

The Contractor shall designate a Water Pollution Control Manager that shall have been trained to implement WPCP or SWPPP requirements. Contractor's Water Pollution Control Manager shall:

- 1. Be responsible for all water pollution control work.
- 2. Be the Engineer's primary contact for all water pollution control work.
- 3. Have the authority to mobilize resources (crews, supplies, equipment, etc.) to make immediate repairs of water pollution control measures or to supplement water pollution control measures to maintain compliance with all federal, state, and local laws, ordinances, and regulations related to the protection of water quality, including the Municipal Permit.

The WPCP shall contain all required and applicable certifications and evidence of training for the Water Pollution Control Manager, WPCP Developer, and all other employees working on the project receiving formal training or certification.

- D. Water Pollution Control Training: Contractor shall provide water pollution control training to Contractor's employees and subcontractors prior to their performing work on the work site. The water pollution control training shall be appropriate to the employee or subcontractor function and area of responsibility and shall address (as applicable):
  - 1. Erosion Control (water and wind)
  - 2. Sediment Control
  - 3. Tracking Control
  - 4. Materials & Waste Management
  - 5. Non-Stormwater Discharge Management
  - 6. Run-on and Run-off Control
- E. Monitoring and Reporting: Observations and inspections conducted by the Contractor's Water Pollution Control Manager shall be documented on the Construction Site Inspection Checklist included in Contractor's WPCP. A copy of each completed Construction Site Inspection Checklist shall be submitted to the Engineer within 24 hours of conducting the inspection.

#### 13-2.01(C) General Requirements

In the event the County incurs any Administrative Civil Liability (fine) imposed by the CRWQCB – San Diego Region, the State Water Resources Control Board, or EPA, as a result of Contractor's failure to fully implement the provisions of "Stormwater and Non-Stormwater Pollution Control", the Engineer, may, in the exercise of his sole judgment and discretion, withhold from payments otherwise due Contractor a sufficient amount to cover the Administrative Civil Liability including County staff time, legal counsel, consultant support costs and all other associated cost.

The Contractor shall be responsible for all costs and for any liability imposed by law as a result of the Contractor's failure to comply with the requirements set forth in "Water Pollution Control", including but not limited to, compliance with the applicable provisions of the Caltrans Handbooks, Municipal Permit, Federal, State, and local regulations. For the purpose of this paragraph, costs and liabilities include, but not limited to, fines, penalties, damages, and costs associated with defending against enforcement actions whether taken against the County or the Contractor, including those levied under the Federal Clean Water Act and the State Porter-Cologne Water Quality Act.

#### 13-2.01(D) Submittals

Within fifteen (15) working days after the award of the contract, the Contractor shall submit one (1) pdf file of the WPCP to the Engineer for review and approval. The Contractor shall allow five (5)

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working days for the Engineer to review the WPCP. If revisions are required as determined by the Engineer, the Contractor shall revise and resubmit the WPCP within five (5) working days of receipt of the Engineer's comments and shall allow five (5) working days for the Engineer to review the revisions. The Contractor shall submit two (2) hard copies of the approved WPCP and one pdf file to the Engineer prior to notice to proceed. The Contractor must have an approved WPCP prior to the notice to proceed.

#### 13-2.01(E) WPCP Implementation

Unless otherwise directed by the Engineer or specified in these Special Provisions, the Contractor's responsibility for WPCP implementation shall continue throughout any temporary suspension of work ordered in accordance with Section 8-1.06, "Suspensions", of the Standard Specifications. The Engineer may withhold progress payments or order the suspension of construction operations without an extension of the contract time, if the Contractor fails to comply with the requirements of "Water Pollution Control" as determined by the Engineer.

All BMP repairs shall be implemented by the Contractor within 72 hrs of notification by Engineer.

#### 13-2.01(F) Additional Liquidated Damages:

#### Water Pollution Control and WPCP

If the Contractor fails to comply with the requirements of Special Provisions Section 13, "Water Pollution Control", all referenced requirements in this section, and the approved Water Pollution Control Program, the Contractor shall pay to the County of Riverside the sum of **\$500.00** per day for each and every working day after the expiration of 72 hours written notification from the Engineer.

#### 13-2.01(G) Payment

Payment for Prepare Water Pollution Control Program shall be on a lump sum basis as listed in bid proposal as Prepare Water Pollution Control Program and shall include full compensation for the work performed, including, placement of fiber rolls (if needed), protect drainage inlets, developing, preparing, revising, obtaining approval of, and amending the WPCP, implementing, installing, constructing, operating, maintaining, and removing and disposing of temporary BMPs, performing the observations, inspections, sampling, analysis, reporting, and street sweeping, and as specified in the Caltrans Handbooks, Municipal Permit and these Special Provisions, and as directed by the Engineer

#### Item 12: Street Sweeping

Refer to Section 13-7.02, Street Sweeping, on pages 27 and 28 of the special provisions.

Delete sub-section 13-7.02D, Payment, and replace it with the following, sub-section 13-7.02D:

#### **13-7.02D Payment**

Full compensation to conform with the requirements of this section shall be considered as included the contract lump sum prices paid for:

- Prepare Storm Water Pollution Prevention Plan, for Pauba Road Widening Project, and
- Prepare Water Pollution Control Program, for De Luz Road Culvert Replacement Project,

and shall include furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in street sweeping, including disposal of collected material, as shown on the plans, as specified in the Standard Specifications, these Special Provisions, and as directed by the Engineer. Therefore, no additional compensation will be allowed for street sweeping.

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### Item 13: Environmentally Sensitive Area - De Luz Road Culvert Replacement Project

The following the special provisions are added and are made a part hereby:

#### Add to Section 14-1.02, ENVIRONMENTALLY SENSITIVE AREA:

#### 14-1.02A General

For this project the ESA is define as the area outside of the construction work area.

The construction work area for each location is defined in the construction plans.

#### 14-1.02B Materials

Temporary High-Visibility Fences per Standard Specification 16-2.03 shall be installed at the perimeter of the construction work area.

Temporary Silt Fences per Standard Specification 13-10 will be installed at the work area perimeter boundaries to prevent accidental deposition of fill material in areas where vegetation is immediately adjacent to planned grading activities.

#### 14-1.02C Construction

Prior to clearing or construction place Temporary High-Visibility Fences and Temporary Silt Fences.

No construction activities (grading, fill activity), materials, or equipment will be allowed outside of the construction work area.

All construction equipment will be operated in a manner to prevent accidental damage to ESA.

Construction personnel will be instructed that their activities are restricted to the construction work areas.

Vehicles, equipment, and construction materials are strictly limited to the construction work area, designated staging areas and routes of travel.

Employees access to sites will be from pre-existing access routes to the greatest extent possible.

#### 14-1.02D Payment

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in constructing the Temporary High-Visibility Fences and Temporary Silt Fences complete in place, including maintenance, removal of materials, and backfilling and repairing holes, depressions and other ground disturbance, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as ordered by the Engineer shall be considered as included in the contract price paid for the various items of work in the project, and no additional compensation will be allowed therefor.

#### Item 14: Archaeological Resources - De Luz Road Culvert Replacement Project

Refer to Section 14-2.03, Archaeological Resources, on pages 28 and 29 of the Special Provisions.

The following the special provisions are added to Section 14-2.03, Archaeological Resources, and are made a part hereby:

#### TRIBAL MONITORING - De Luz Road Culvert Replacement Project

On the first day of project construction, there will be a kick-off meeting with the tribal monitor and a qualified archaeologist will conduct preconstruction tribal cultural resource sensitivity and awareness

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training for construction crew. A tribal monitor will monitor excavation and ground disturbing activities within previously undisturbed native soil performed in conjunction with the construction. Tribal monitoring will be conducted on an as-needed basis. All monitoring must be scheduled at least 48 hours in advance. The Project consists of multiple, discontinuous locations. It is assumed that work will only be performed at one location at a time, and only one tribal monitor will be needed per day.

The Department will retain, and have available, the services of a qualified tribal monitor and qualified archeologist for pre-construction training, on site monitoring, and all archeological resources relocation handling that may be required.

Full compensation for compliance with this section shall be considered as included in the contract price paid for the various items of work and no additional compensation will be allowed therefor.

#### Item 15: Biological Resources – De Luz Road Culvert Replacement Project

Refer to Section 14-6, Biological Resources, on pages 29 and 30 of the Special Provisions.

The following the special provisions are added to Section 14-6, Biological Resources, and are made a part hereby:

#### Add to Section 14-6.03A General:

#### For De Luz Road Culvert Replacement Project:

The Department anticipates nesting or attempted nesting by migratory and nongame birds to occur typically from February 1<sup>st</sup> and September 1<sup>st</sup>.

In order to comply with MSHCP Section 6.3.2 Section 10 of the Migratory Bird Treaty Act (MBTA), and relevant sections of the California Fish and Game Code (e.g., 3500, 3503, 3503.5, 3513 and 3800), any vegetation clearing within the project's disturbance footprint should take place outside of the avian nesting season, to the maximum extent practical. Prior to ground-disturbing activities within the project footprint, a qualified biologist shall conduct (if habitat is present) a pre-construction burrowing owl, migratory nesting bird, and/or nesting raptors survey and shall submit a pre-construction survey results report. The survey shall occur prior to initiation of project activities and any occupied nests occurring within or adjacent to the project's disturbance footprint will be delineated. To the maximum extent practicable, a minimum buffer zone determined by County Transportation from occupied nests shall be maintained during physical ground- disturbing activities. Once nesting has ceased, the buffer may be removed.

Limits of grading and construction activities within the project footprint should be clearly delineated.

The project footprint shall be minimized to the maximum extent feasible. Access shall be via preexisting access routes to the greatest extent possible.

Water pollution and erosion control plans shall be developed and implemented in accordance with Regional Water Quality Control Board requirements.

To avoid attracting predators and nuisance species, the project footprint shall be clear of debris, where possible. All food-related trash items shall be enclosed in sealed containers and removed from the projects footprint on a daily basis.

County will provide Worker Environmental Awareness Training for Contractor, who must adhere to all project environmental requirements.

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#### Item 16: Bat Protection - De Luz Road Culvert Replacement Project

Refer to Section 14-6, Biological Resources, on pages 29 and 30 of the Special Provisions.

The following the special provisions are added to Section 14-6, Biological Resources, and are made a part hereby:

#### Replace Section 14-6.06, Reserved, with:

## 14-6.06 BAT PROTECTION

#### 14-6.06(A) General

For De Luz Road Culvert Replacement Project, prior to tree removal or trimming, large trees and snags shall be examined by a qualified bat biologist to ensure that no roosting bats are present. Palm frond trimming, if necessary, shall be conducted outside the maternity season (i.e., April 1–August 31) to avoid potential mortality of flightless young.

If trimming or removal of mature trees and snags is necessary for project construction, trimming/removal activities should be performed outside of the general bat maternity season, which occurs from March 1<sup>st</sup> through October 1<sup>st</sup>, to avoid direct effects to nonvolant (flightless) young that may roost in trees within the study area. If trimming or removal of trees during the general bat maternity season cannot be avoided, a qualified biologist will monitor tree removal unless nighttime surveys conducted within one week of removal indicates no tree-roosting bat activity within the study area.

**DAY 1**: You must only trim the outermost fronds (no more than 50 percent of the palm fronds) using hand tools or chainsaws only (no dozers, backhoes, cranes, or other heavy equipment, other than to provide access for tree cutters using chainsaws).

<u>DAY 2:</u> The palm tree must be felled. Day 2 activities <u>must occur the day immediately following</u> the Day 1 activities. To accomplish this, work may need to be phased and Day 1/Day 2 steps can be repeated. Should bats emerge during the tree trimming, trimming activities must temporarily cease at the individual tree until bats are no longer actively emerging from the tree.

#### Item 17: Clearing and Grubbing - De Luz Road Culvert Replacement Project

Refer to Section 17-2, Clearing and Grubbing, on pages 30 thru 32 of the Special Provisions.

The following the paragraph is added to sub-section 17-2.04, Payment, and it is made a part hereby:

#### For De Luz Road Culvert Replacement Project

Full compensation, except as otherwise provided herein, for conforming to the requirements of this article including all labor, equipment, materials and incidentals, for performing clearing and grubbing including but not limited to removing and disposing of trees, tree stumps, weeds, grasses, shrubs, roots, trimming trees, grading areas adjacent to the road within the footprint of the project, cleanup of existing storm drain culverts, grading at the inlets and outlets of culverts, shall be considered as included in the contract price paid per lump sum for Clearing and Grubbing and no additional compensation will be allowed therefor.

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#### **Item 18: Roadway Excavation**

Refer to Section 19-2, Roadway Excavation, on pages 32 and 33 of the Special Provisions.

The following the provisions are added to Section 19-2, Roadway Excavation, and are made a part hereby:

#### For De Luz Road Culvert Replacement Project

Roadway excavation shall include but not limited to:

- Sawcut of existing asphalt concrete pavement, concrete pavement and asphalt concrete dike outside the trench zone as shown on the plans
- Removal and proper disposal of existing asphalt and concrete pavement, and AC dike
- Excavation of underlying material to the depths of the proposed asphalt concrete and concrete pavement as shown on the plans
- Contour Grading (adjacent to culverts) of proposed cut and fill slopes to drain to the nearest drainage facilities
- Moisture condition and compaction of sub-grade
- Cold mill asphalt concrete pavement 4-feet each side of trench.

At asphalt concrete pavement cuts, existing AC pavement shall be cold milled 0.15 feet and overlayed 4-feet each side of trench, or as directed by the Engineer. Full compensation for furnishing all labor, tools and doing all the work necessary including grinding, overlay, and saw cutting shall be considered as included in the contract prices paid per ton for the various asphalt concrete items and no additional compensation will be allowed therefor.

The following paragraph is added after the Payment paragraph in Section 19-2, and it is made a part hereby:

For De Luz Road Culvert Replacement Project, the unit price paid per cubic yard for Roadway Excavation is a final pay item in conformance with section 9-1.02C "Final Pay Item Quantities" of Standard Specifications, and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all work involved including hauling, excavation and compaction, saw-cutting as shown on the plans, removal of existing concrete and asphalt concrete pavement and base and underlying material, dikes, contour grading, as directed by the Engineer and no additional compensation will be allowed therefor.

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#### Item 19: Planting Work - De Luz Road Culvert Replacement Project

Refer to Section 20, Landscape, on page 35 of the Special Provisions.

The following the provisions are added to Section 20, and are made a part hereby:

#### **20-3 PLANTING**

#### Add to Section 20-3.01B(2)(a) General

Group A plants as described in following table are to be procured per Standard Specification 20-3.

#### **Plant Names and Quantities**

Common Name	Scientific Name	Growth Form	Group A Plants	Container Type
Southern Cattail	Typha domingensis	Perennial	6	
Fragrant flatsedge	Cyperus odoratus	Perennial	8	
Mule fat	Baccharis salicifolia	Shrub	2	N = 1
Toyon	Heteromeles arbutifolia	Shrub	1	No. 1
California sagebrush	Artemesia californica	Shrub	4	
California mugwort	Artemisia douglasiana	Perennial	12	
	-		Total = 33	

#### 20-3.02 PLANTING WORK

#### Add to Section 20-3.02C(3)(a) General

Group A plants as described in Section 20-3.01B(2)(a) are to be planted at the following locations.

**Planting Locations** 

Location	Upstream	Downstream	Notes					
1	3 Southern cattail	3 Southern cattail	Remove invasive plants including palms and palm seeds					
2	2 Mule fat							
3	-	1 Toyan						
4	-							
5	2 California mugwort	2 California mugwort						
6	2 California mugwort	2 California mugwort	Remove invasive plants including palms and palm seeds					
7	2 Fragrant flatsedge	2 Fragrant flatsedge						
8	2 Fragrant flatsedge	2 Fragrant flatsedge						
9	2 California sagebrush	2 California sagebrush						
12	2 California mugwort	2 California mugwort						

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# Item 20: Clarification, Type of Concrete to Be Used – De Luz Road Culvert Replacement Project Refer to bid item No. 75, Concrete Pavement, and bid item No. 88, Remove and Replace Concrete Pavement With Rapid Strength Concrete (Locations 5 and 7), on "Revised Proposal", issued by this

Pavement With Rapid Strength Concrete (Locations 5 and 7), on "Revised Proposal", issued by this Addendum No. 1. Attachment "B".

Bid item No. 75 is for removal and replacement of concrete pavement within trench zone in all locations. Bid item No. 88 shows locations 5 and 7 as additional removal and replacement of concrete pavement outside the trench zone. These additional areas are shown on the plans as construction note No. 23. The type of concrete to be used for all locations shall be Rapid Strength Concrete.

#### Item 21: Concrete Pavement - De Luz Road Culvert Replacement Project

The following the provisions are added, and are made a part hereby:

#### **40 CONCRETE PAVEMENT**

#### **40-1 GENERAL**

#### Add to Section 40-1.01, General:

For De Luz Road Culvert Replacement project, Concrete Pavement over culverts must conform to the applicable provisions in Section 40, "Concrete Pavement", Section 41, "Existing Concrete Pavement", Section 52, "Reinforcement", Section 90, "Concrete", of Standard Specifications, Riverside County Standard No. 307, the details on the construction plans, these Special Provisions, and as directed by the Engineer.

Rapid Strength Concrete must be used for the construction of concrete pavement. Rapid strength concrete shall conform to the applicable provisions of Section 90-3, "Rapid Strength Concrete" and these Special Provisions.

Concrete for concrete pavement over culverts must contain not less than 675 pounds of cementitious material per cubic yard.

Refer to Section 12-4, "Maintaining Traffic", in these special provisions. Full road closure is not allowed; however, lane closure is allowed only during contractor's work hours. All traveled lanes must be opened to traffic during non-working hours. At the end of the working day, upon direction from the resident engineer, appropriate areas of the concrete pavement over culverts may be required to be protected by plate bridging with traffic rated non-skid steel plates.

Full compensation for furnishing and placing traffic rated non-skid steel plates, shall be considered as included in the contract price paid per lump sum for Traffic Control System, and no additional compensation will be allowed therefor.

Full compensation for placing grooving, shall be considered as included in the contract price paid per cubic yard for Concrete Pavement, and no additional compensation will be allowed therefor.

#### Payment:

The contract unit bid price paid per cubic yard for Concrete Pavement shall include full compensation for furnishing all labor, all materials including reinforcement, tools, equipment, and incidentals, for doing all the work involved in constructing concrete pavement, complete in place, as shown on the plans, and as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

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#### Item 22: Remove and Replace Concrete Pavement with Rapid Strength Concrete – De Luz Road Culvert Replacement Project

The following Special Provisions are added and are made a part hereby:

#### Replace Section 40-5 Reserved with:

## 40-5 REMOVE AND REPLACE CONCRETE PAVEMENT WITH RAPID STRENGTH CONCRETE

#### 40-5.01 REMOVE AND REPLACE CONCRETE PAVEMENT WITH RAPID STRENGTH CONCRETE:

The slab replacement in the concrete dip section outside the trench limit shall be constructed with Rapid Strength Concrete (RSC) as shown on the plans and in conformance with Section 40, "Concrete Pavement," and Section 90, "Concrete" of the Standard Specifications and these Special Provisions.

#### 40-5.01(A) DEFINITIONS

The following definitions shall apply to this section:

- 1. AGE OF BREAK Age in hours at which RSC retains its minimum specified compressive strength.
- 2. FINAL SET TIME The elapsed time after initial contact of cement and water, or accelerator, if used, at which a specific penetration resistance of 4,000 pounds per square inch is achieved in conformance with the requirements in ASTM Designation: C 403.
- 3. OPENING AGE The age at which the concrete will achieve the specified strength for opening to traffic.

#### 40-5.01(B) QUALITY CONTROL PLAN

The Contractor shall submit a RSC QC plan.

#### 40-5.01(C) RAPID STRENGTH CONCRETE

Rapid Strength Concrete (RSC) shall be a concrete made with hydraulic cement that develops the following quality characteristics:

- opening age strengths of at least 3,250 psi for compressive strength and at least 400 psi for modulus of rupture
- 2. a minimum 28-day compressive strength of 5,000 psi

Combined aggregate grading used in RSC shall be either the 1 1/2 inch maximum grading, or one inch maximum grading, at the option of the Contractor.

Cement for RSC shall be hydraulic cement as defined in ASTM Designation: C 219 and shall conform to the following requirements:

Test Description	Test Method	Requirement
Contraction in Air	California Test 527,W/C Ratio = 0.39 ±0.010	0.053 %, max.
Mortar Expansion in Water	ASTM Designation: C 1038	0.04 %, max.
Soluble Chloride*	California Test 422	0.05 %, max.
Soluble Sulfates*	California Test 417	0.30 %, max.
Thermal Stability	California Test 553	60 %, min.
Compressive Strength @ 3 days	ASTM Designation: C 109	2,500 psi

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\* Test is to be done on a cube specimen, fabricated in conformance with the requirements in ASTM Designation: C 109, cured at least 14 days and then pulverized to 100% passing the No. 50 sieve.

The Contractor shall submit uniformity reports for cement used in RSC. Uniformity reports shall conform to the requirements in ASTM Designation: C 917, except that testing age and water content may be modified to suit the particular material.

At least 10 days prior to use, the Contractor shall submit a mix design for RSC that shall include the following:

- 1. Compressive strength test results at age of break (6, 8, 10, 12, and 24 hours), at 3 days, at 7 days, and at 28 days
- 2. Opening age in hours
- 3. 28-day compressive strength
- 4. Proposed aggregate gradings
- 5. Mix proportions of hydraulic cement and aggregate
- 6. Types and amounts of chemical admixtures
- 7. Maximum time allowed between batching RSC and placing roadway pavement
- 7. Range of ambient temperatures over which the mix design is effective (18° F maximum range).
- 8. Final set time of the concrete
- 9. Any special instructions or conditions, including but not limited to, water temperature requirements

The Contractor shall submit a mix designed for a maximum ambient temperature range of 18° F. The Contractor shall develop and furnish compressive strength equivalent to modulus of rupture development data for the proposed mix design. Compressive strength equivalent to modulus of rupture development data may be developed from laboratory prepared samples. The testing ages for compressive strength equivalent to modulus of rupture development data shall include the ages of break specified to determine the opening age strength.

Concrete pavement penetration requirements in 90-1.02G(6), "Quantity of Water and Penetration or Slump" of the Standard Specifications shall not apply to RSC.

RSC pavement shall develop a minimum equivalent compressive strength to modulus of rupture of 3,250 pounds per square inch at opening age and at least 3,600 pounds per square inch in 3 days after placement. Equivalent compressive strength to modulus of rupture shall be determined by averaging results from 3 cylinder specimens tested in conformance with the requirements in California Test 521. The Contractor shall develop a compressive strength-age relationship using the following procedures:

- 1. Prepare specimens under CT 521
- 2. Calculate the average results of 3 cylinders at ages 6, 8, 10, 12, and 24 hours
- 3. Plot the average compressive strength as a function of age
- 4. Draw a logarithmic best-fit curve with a R2 value of at least 0.90

The compressive-age strength relationship shall not be used to estimate compressive strength for acceptance of RSC.

Any section of the cross-gutter and spandrel, and cross-gutter with splash area that develops one or more transverse cracks within 7 days after placement shall be removed and replaced at the Contractor's expense with Rapid Strength Concrete conforming to the requirements of these Special Provisions. A transverse crack is defined as a crack running from one longitudinal edge to the other.

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### 40-5.01(D) PROPORTIONING

Weighing, measuring and metering devices used for proportioning materials shall conform to the provisions in Section 9 1.02, "Measurement" of the Standard Specifications and these Special Provisions.

Over and under dials, and other indicators for weighing and measuring systems used in proportioning materials shall be grouped so that the smallest increment for each indicator can be accurately read from the point at which the proportioning operation is controlled for ingredients batched at a central batch plant. In addition, indicators for weighing and measuring cement batched from a remote weighing system shall also be placed so that each indicator can be accurately read from the point at which the proportioning operation is controlled.

Aggregates shall be handled and stored in conformance with the provisions in Section 90-1.02F(2), "Storage of Aggregates" of the Standard Specifications. Liquid admixtures shall be proportioned in conformance with the provisions in Section 90-1.02F(4)(b), "Proportioning and Dispensing Liquid Admixtures" of the Standard Specifications.

Weighing equipment shall be insulated against vibration or movement of other operating equipment. When the plant is in operation, the weight of each draft of material shall not vary from the designated weight by more than the tolerances specified herein. Each scale graduation shall be 0.001 of the usable scale capacity.

Aggregate shall be weighed cumulatively and equipment for the weighing of aggregate shall have a zero tolerance of  $\pm 0.5$  percent of the designated total batch weight of the aggregate. Equipment for the separate weighing of the cement shall have a zero tolerance of  $\pm 0.5$  percent of its designated individual batch draft. Equipment for measuring water shall have a zero tolerance of  $\pm 0.5$  percent of its designated weight or volume.

The weight indicated for any individual batch of material shall not vary from the preselected scale setting by more than the following:

Material	Tolerance
Aggregate	±1.0 percent of designated batch weight
Cement	±0.5 percent of designated batch weight
Water	±1.5 percent of designated batch weight or volume

Proportioning shall consist of dividing the aggregates into the specified sizes, each stored in a separate bin, and combining them with cement and water as provided in these Special Provisions. Dry ingredients shall be proportioned by weight. Liquid ingredients shall be proportioned by weight or volume.

At the time of batching, aggregates shall have been dried or drained sufficiently to result in stable moisture content, so that no visible separation of water from aggregate will take place during the proportioning process. In no event shall the free moisture content of the fine aggregate at the time of batching exceed 8 percent of its saturated, surface-dry weight.

If separate supplies of aggregate material of the same size group with different moisture content or specific gravity or surface characteristics affecting workability are available at the proportioning plant, withdrawals shall be made from one supply exclusively and the materials therein completely exhausted before starting upon another supply.

Cement shall be kept separate from the aggregates until released for discharge into the mixer. Cement shall be free of lumps and clods when discharged into the mixer. Fabric containers used for transportation or proportioning of cement shall be clean and free of residue before reuse.

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De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057

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Weigh systems for proportioning aggregate and cement shall be individual and distinct from all other weigh systems. Each weigh system shall be equipped with a hopper, a lever system, and an indicator to constitute an individual and distinct material-weighing device.

For batches with a volume of one cubic yard or more, proportioning equipment shall conform to one of the following methods:

- 1. All ingredients shall be batched at a central batch plant and charged into a mixer truck for transportation to the pour site. Ingredient proportioning shall meet the requirements of Section 90-1.02F, "Proportioning Concrete", of the Standard Specifications.
- All ingredients except the cement shall be batched at a central batch plant and charged into a mixer truck for transportation to a remote located silo and weigh system for the proportioning of the cement. The remote system shall proportion cement for charging the mixer truck.
- 3. All ingredients except the cement shall be batched at a central batch plant and charged into a mixer truck for transportation to a remote location where pre-weighed, containerized cement shall be added to the mixer truck. The cement pre-weighing operation shall utilize a platform scale. The platform scale shall have a maximum capacity of 2.75 tons with a maximum graduation size of one pound. Cement shall be pre-weighed into a fabric container. The minimum amount of cement to be proportioned into any single container shall be one half of the total amount required for the load of RSC being produced.
- 4. Cement, water, and aggregate shall be proportioned volumetrically in conformance with these Special Provisions.

In order to check the accuracy of batch weights, the gross weight and tare weight of truck mixers shall be determined when ordered by the Engineer. The equipment shall be weighed on scales designated by the Engineer.

The Contractor shall install and maintain in operating condition an electrically actuated moisture meter. The meter shall indicate, on a readily visible scale, changes in the moisture content of the fine aggregate as it is batched. The meter shall have a sensitivity of 0.5 percent by weight of the fine aggregate.

No additional mixing water shall be incorporated into the concrete during hauling or after arrival at the delivery point, unless authorized by the Engineer. If the Engineer authorizes additional water to be incorporated into the concrete, the drum shall be revolved not less than 30 revolutions at mixing speed after the water is added and before discharge is commenced. Water added to the truck mixer at the job site shall be measured through a meter that conforms to the provisions in Section 9 1.02, "Measurement" of the Standard Specifications.

Aggregate discharged from several bins shall be controlled by gates or by mechanical conveyors. The means of discharge from the bins and from the weigh hopper shall be interlocked so that no more than one bin can discharge at a time, and so that the weigh hopper cannot be discharged until the required quantity from each of the bins has been deposited in the weigh hopper.

#### 40-5.01(E) WEIGHMASTER CERTIFICATES

Weighmaster certificates for RSC Concrete, regardless of the proportioning method used, shall include all information necessary to trace the manufacturer, and manufacturer's lot number for the cement being used. When proportioned into fabric containers the weighmaster certificates for the cement shall contain date of proportioning, location of proportioning and actual net draft weight of the cement. When proportioned at the pour site from a storage silo the weighmaster certificates shall contain date of proportioning, location of proportioning and the net draft weight of the cement used in the load.

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### 40-5.01(F) VOLUMETRIC PROPORTIONING

When RSC is proportioned by volume, the method shall conform to requirements specified herein.

Aggregates shall be handled and stored in conformance with the provisions in 90-1.02F(2), "Storage of Aggregates" of the Standard Specifications. Liquid admixtures shall be proportioned in conformance with the provisions in 0-1.02F(4)(b), "Proportioning and Dispensing Liquid Admixtures" of the Standard Specifications.

Volumetric proportioned RSC shall be mixed in a mechanically operated mixer of adequate size and power for the type of RSC to be placed. Mixers may be of the auger type and shall be operated uniformly at the mixing speed recommended by the manufacturer. Mixers that have an accumulation of hard concrete or mortar shall be removed from service until cleaned.

Charge or rate of feed to the mixer shall not exceed that which will permit complete mixing of the materials. Dead areas in the mixer, where material does not move or is not sufficiently agitated, shall be corrected by a reduction in the volume of material or by other adjustments. The mixer shall be designed to provide sufficient mixing action and movement to produce properly mixed RSC. Mixing shall continue until a homogeneous mixture is produced at discharge from the mixer. There shall be no lumps or evidence of non-dispersed cement at discharge from the mixer. No water shall be added to the RSC after discharge from the mixer.

Equipment having components made of aluminum or magnesium alloys, which may have contact with plastic concrete during mixing or transporting of RSC, shall not be used.

Ice shall not be used to cool RSC directly. When ice is used to cool water used in the mix, all of the ice shall be melted before entering the mixer.

Cement shall be proportioned and charged into the mixer by means that will result in no losses of cement due to wind, or due to accumulation on equipment, or other conditions which will vary the required quantity of cement.

Each mixer shall have a metal plate or plates, prominently attached, on which the following information is provided:

- 1. Uses for which the equipment is designed.
- 2. Manufacturer's guaranteed capacity of the mixer in terms of the volume of mixed concrete.
- 3. Speed of rotation of the mixer.

Consistency and workability of mixed concrete when discharged at the delivery point shall be suitable for placement and consolidation.

#### 40-5.01(G) SPREADING, COMPACTING AND SHAPING

Metal or wood side forms may be used. Wood side forms shall not be less than 1 1/2 inches thick. Side forms shall be of sufficient rigidity, both in the form and in the connection with adjoining forms, that movement will not occur under the force from sub-grading and paving equipment or from the pressure of concrete.

Side forms shall remain in place until the pavement edge no longer requires the protection of forms. Side forms shall be thoroughly cleaned and oiled prior to each use.

Consolidation of RSC shall be by means of high-frequency internal vibrators after the RSC is deposited on the subgrade. Vibrating shall be done in a manner to assure uniform consolidation

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adjacent to forms and across the full paving width. RSC shall be placed as nearly as possible in its final position and use of vibrators for extensive shifting of the weight of RSC will not be permitted.

RSC shall be spread and shaped by suitable powered finishing machines and supplemented by hand finishing as necessary. Methods of spreading, shaping and consolidating that result in segregation, voids or rock pockets shall be discontinued. The Contractor shall use methods that will produce dense homogeneous pavement conforming to the required cross section.

After the RSC has been mixed and placed, no additional water shall be added to the surface to facilitate finishing. Surface finishing additives, when used, shall be as recommended by the manufacturer of the cement and shall be approved by the Engineer prior to use.

#### 40-5.01(H) JOINTS

Prior to placing concrete against existing concrete, a 1/4 inch thick commercial quality polyethylene flexible foam expansion joint filler shall be placed across the original transverse and longitudinal joint faces and extend the full depth of the excavation. The top of the joint filler shall be placed flush with the top of pavement. Joint filler shall be secured to the joint face of the existing pavement by a method that will hold the joint filler in place during the placement of concrete.

Transverse weakened plane joints shall be constructed to match the spacing and skew of the weakened plane joints in the adjacent existing pavement. Where the existing transverse weakened plane joint spacing in an adjacent lane exceeds 15 feet, an additional transverse weakened plane joint shall be constructed midway between the existing joints. Sawing of weakened plane joints shall be completed within 2 hours of completion of final finishing. Minimum depth of cut for weakened plane joints shall be 1/3 the Cross-Gutter and Spandrels depth, and 1/3 the Cross-Gutter with Splash Area depth.

#### 40-5.01(I) FINAL FINISHING

Tests to determine coefficient of friction of the final textured surface will be made only if the Engineer determines by visual inspection that the final texturing may not have produced a surface having the specified coefficient of friction. Any tests to determine the coefficient of friction will be made after the pavement is opened to public traffic, but not later than 5 days after concrete placement. Pavement areas having a coefficient of friction as determined in conformance with the requirements in California Test 342 of less than 0.30 shall be grooved in conformance with the provisions in Section 42 2.03, "Construction" of the Standard Specifications. **Grooving shall be performed with a steel-tined device to form grooves from 1/8 to 3/16 inch deep after the concrete has hardened.** Tines shall be from 3/32 to 1/8 inch wide on 3/4-inch center and shall have enough length, thickness, and resilience to form the required grooves.

Transverse straightedge and longitudinal straightedge requirements will not apply to the pavement surface within 12 inches of the existing concrete pavement except as required in these Special Provisions. Longitudinal straightedge requirements in Section 40-1.03H(3), "Final Finishing" of the Standard Specifications, shall be applied at transverse contact joints with existing concrete pavement where the straightedge is to be placed with the midpoint coincident with the joints. Pavement not meeting this straightedge requirement shall be corrected within 48 hours by grinding or other methods as approved by the Engineer.

#### 40-5.01(J) CURING METHOD

The curing method for the concrete cross-gutters and spandrels shall be as recommended by the manufacturer of the cement and as approved by the Engineer.

#### 40-5.01(K) NONCOMPLIANT SLAB REPLACEMENT

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RSC concrete pavement shall be replaced, at Contractor's expense, when any of the following condition exists:

- 1. One or more full-depth cracks
- 2. Concrete raveling
- 3. Noncompliant compressive strength

If the compressive strength at opening age is 3,250 pounds per square inch (psi) or greater and the compressive strength at 7 days is 4,000 psi or greater, the RSC cross-gutters and spandrels, and cross-gutters with splash area may remain in place. The following deduction shall apply when the following condition exists:

- 1. RSC concrete pavement with compressive strength of 3,250 psi or greater at opening age and 7 day compressive strength of 3,450 psi or greater but less than 3,600 psi will be paid for at 90 percent of the contract price per square foot.
- 2. RSC concrete pavement with compressive strength of 3,250 psi or greater at opening age and 7 day compressive strength of 3,600 psi or greater but less than 4,000 psi will be paid for at 95 percent of the contract price per square foot.
- RSC concrete pavement with compressive strength of less than 3,250 psi at opening age
  will be removed and replaced at the Contractor's expense with RSC conforming to the
  requirements of these Special Provisions.

#### **40-5.02 PAYMENT**

The contract price paid per cubic yard for Remove and Replace Concrete Pavement with RSC shall include full compensation for furnishing all labor, materials (including cement in the amount specified), mix design including fabrication of cylinder specimens, tools, equipment, and incidentals, and for doing all the work involved in constructing the rapid strength concrete slab replacement complete in place, as shown on the plans, and as specified in these specifications and the special provisions, and as directed by the Engineer.

Remove and Replace Concrete Pavement with RSC payment will be subject to the pay factor values described in "Noncompliant Slab Replacement" of these Special Provisions.

The provisions in Section 40-1.01D(8)(c)(iv), "Thickness", of the Standard Specifications shall not apply.

Full compensation for furnishing and placing traffic rated non-skid steel plates, grooving, and quality control sampling and testing including fabrication and testing of compressive strength cylinders, and modulus of rupture beams, and mix design shall be considered as included in the contract price paid per cubic yard for Remove and Replace Concrete Pavement with RSC and no additional compensation will be allowed therefor.

Full compensation for seal pavement joint shall be considered as included in the contract price paid per cubic yard for Remove and Replace Concrete Pavement with RSC and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in sealing and filling pavement joints complete in place, including sawing, cleaning and preparing the joints in the concrete pavement, repairing and patching spalled or raveled sawed joints, and replacing or repairing rejected joints, removing and replacing rejected concrete pavement as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

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#### Item 23: Concrete Structures - De Luz Road Culvert Replacement Project

Refer to Section 51-7, Minor Structures, on pages 53 and 54 of the special provisions.

The following special provisions are added to sub-section 51-7.01A, General, and are made a part hereby:

Minor concrete structures for De Luz Road Culvert Replacement Project shall consist of:

- Flared End Section Type A per Caltrans Std Plan D94B
- Headwall Type A per Caltrans Revised Std Plan D89B
- Headwall Type A per Caltrans Std Plan D90 and per Detail On Sheet C-1
- Concrete Collar Per RCFC&WCD Std M803

The following special provisions are added to sub-section 51-7.01D, Payment, and are made a part hereby:

For De Luz Road Culvert Replacement Project, payment for all work involved in the construction of minor structures will be per cubic yard for:

• Minor Concrete (Minor Structure), which includes all Headwalls and Wingwalls; and

per each for:

- · Minor Concrete (Minor Structure) [Collar], and
- · Minor Concrete (Minor Structure) [Flared End Section]; and

shall include full compensation for furnishing all labor, materials, tools and equipment, and doing all work involved in the complete structure, including the structures structural excavation and backfill, removal of existing structures (inlets, outlets), furnishing and placing reinforcement steel, and metal frames, covers and grates for both precast or cast-in-place, and no further allowances shall be allowed.

The contract unit price paid per each and per cubic yard for any of the above listed Minor Concrete Structures will not be adjusted if the constructed height of said minor structure, including revisions by Engineer, is within + 0.5 foot of the vertical dimension shown on the plans.

#### Item 24: Shoring and Trench Shoring – De Luz Road Culvert Replacement Project

The following special provisions are added, and are made a part hereby:

#### 61 GENERAL

#### Add to Section 61-1.01, General

#### **Earthwork**

Earthwork associated with the construction of all storm drain elements and other drainage features shall be done in accordance with the Standard Specifications and these special provisions.

#### **Shoring and Trench Shoring**

Shoring and Trench Shoring for the work in this section shall conform to the provisions in the Standard Specifications and these Special Provisions. Contractor shall conform to CAL-OSHA requirements for trenching and shoring.

The Contractor is required to submit a shoring/bracing plan for review and approval by the Engineer prior to excavating any trench requiring shoring/bracing.

Engineer's review of the shoring drawings or shoring inspection performed by the Engineer will in no way relieve the Contractor of responsibility for adequacy and safety of the shoring.

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Full compensation for conforming to these requirements shall be considered as included in the price bid for the various items of work requiring shoring and no additional compensation will be allowed, therefore.

#### Item 25: Concrete Pipe - De Luz Road Culvert Replacement Project

The following special provisions are added, and are made a part hereby:

#### **65 CONCRETE PIPE**

#### Add to section 65-1.03 Construction

Reinforced Concrete Pipe shall conform to Section 65, Concrete Pipe, of the Standard Specifications, these Special Provisions, and as directed by the Engineer.

The price paid per linear foot for Reinforced Concrete Pipe, of the different diameters as shown in the items of work list, shall include but not be limited to:

- Sawcut of existing asphalt concrete pavement and concrete pavement as shown on the plans
- Removal and proper disposal of existing asphalt, concrete pavement, and asphalt concrete dike
- Trench excavation including the removal of existing underlying material and the required bedding thickness to the depths and widths of the proposed drainage facilities shown on the plans
- · Removal and proper disposal of existing culvert and drainage facilities materials
- Grading and compacting subgrade to 90%
- Furnishing, placing, and compacting sand bedding material
- Furnishing and placing the drainage pipes
- Furnishing, placing, and compacting granular material at applicable locations
- Furnishing, placing, and compacting controlled low strength material at applicable locations
- Furnishing, placing, and compacting fill material

Excavation, backfill, and bedding must comply with Section 19-3, "Structure Excavation And Backfill", of the Standard Specifications and these Special Provisions.

Trenches shall be excavated to the depths and widths shown on the construction plans details for each culvert location in accordance with the applicable provisions in Section 7-1.02K(6), "Occupational Safety and Health Standards", Section 19, "Earthwork", and Section 19-3, "Structure Excavation And Backfill" of the Standard Specifications, these Special Provisions, and as directed in the field by the Engineer.

All unsuitable and deleterious materials shall be removed and properly disposed of offsite in accordance with Section 00-1.14, "Disposal of Excess Excavation or Materials", of these special provisions and as directed by the Engineer.

Sand beddings must comply with the requirements in Section 19-3.02F(2), "Sand Beddings", of the Standard Specifications.

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Granular material must be gravel, crushed gravel, crushed rock, or any combination of these and must not exceed 1-1/2 inches in greatest dimension. Granular material must have no rocks, lumps, or clods exceeding 1-1/2 inches in greatest dimension.

Fill material shall be any suitable backfill material having an R-value of 40 or better. Fill material shall have no rocks, lumps, or clods exceeding 1-1/2 inches in greatest dimension.

Compaction equipment or methods which may cause excessive displacement or may damage structures, such as drop-weight type equipment, shall not be used.

Temporary road steel plates shall be installed over the trench to allow traffic movements until the new concrete pavement and/or asphalt concrete pavement is installed or as otherwise directed by the Engineer.

Full compensation for providing, installing, and maintaining temporary road steel plates shall be considered as included in the contract unit bid prices paid per linear foot for Reinforced Concrete Pipe of the different size diameters specified in the work items list and no additional compensation will be allowed therefor

#### Add to section 65-1.04 Payment

#### **65-1.04 Payment**

Full compensation for conforming to these requirements and including sawcutting as shown on the plans, removal of existing pavement and dike, trench excavation, shoring/bracing, furnishing and laying pipe, bedding, backfill, bracing and protecting existing utilities, placing and removal of temporary asphalt concrete pavement in roadway areas, furnishing and placing temporary steel plates, adjustment of existing rock / Rip-Rap for the grading, all other labor, equipment and material incidental to the pipe shall be considered as included in the contract price bid per linear foot for Reinforced Concrete Pipe of the different size diameters specified in the work items list, and no additional compensation will be allowed therefor.

## Item 26: Clarification, Rock Slope Protection (Rip-Rap) - De Luz Road Culvert Replacement Project

New Rip-Rap will not be placed at any of the culvert locations.

At some culvert locations, it is anticipated that Contractor will be required to adjust existing rock / Rip-Rap for the grading. Full compensation for adjustment of existing rock / Rip-Rap shall be considered as included in the contract price bid per linear foot for Reinforced Concrete Pipe of the different size diameters specified in the work items list, and no additional compensation will be allowed therefor.

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### Item 27: Chain Link Fence - De Luz Road Culvert Replacement Project

Refer to Section 80, Fences, on pages 62 thru 65 of the special provisions.

The following special provisions are added to sub-section 80-3.01, General, and are made a part hereby:

Chain link fence for De Luz Road Culvert Replacement Project consist of:

• Chain link fence (Type CL-3)

The following special provisions are added to sub-section 80-3.04, Payment, and are made a part hereby:

For De Luz Road Culvert Replacement Project, Chain Link Fence shall be measured and paid for at the contract unit price per linear foot and shall include full compensation for all labor, materials, tools, and equipment and for doing all work involved in removing and disposing of existing fences and installing Chain Link Fence where shown on the plans as specified in the Standard Specifications, these special provisions, and as directed by the Engineer; and no additional compensation will be allowed therefor.

#### Item 28: Type L-2 Markers – De Luz Road Culvert Replacement Project

The following special provisions are added, and are made a part hereby:

#### 82-5 MARKERS

#### Add to Section 82-5.01, General:

#### **OBJECT MARKERS:**

Object Markers shall conform to the provisions in Section 82-5, "Markers," of the Standard Specifications and these special provisions.

Retroreflective sheeting for metal and flexible target plates shall be the retroreflective sheeting designated for channelizers, markers, and delineators conforming to the requirements in ASTM Designation: D 4956-95 and in conformance with the provisions in "Prequalified and Tested Signing and Delineation Materials".

The estimated quantity of "16 EA" for bid item No. 85, "INSTALL TYPE L-2 MARKER TO MATCH EXISTING," is correct.

Even though locations for installation of markers are not fully shown on the plans, the locations of markers will be determined in the field by the Engineer during construction.

#### Replace Section 82-5.04, Payment, with:

The contract price paid per each for Install Type L-2 Marker To Match Existing shall include full compensation for furnishing all labor, materials, tools, equipment, incidentals as specified in the Standard Specifications and these special provisions and as directed by the Engineer. No additional compensation will be allowed therefor.

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#### **MODIFICATIONS / CLARIFICATIONS TO THE PLANS**

## Item 29: Plan sheet additions – De Luz Road Culvert Replacement at Ten Locations Along De Luz Road

The following (13) plan sheets are added by **Attachment "F"** and are made a part hereby:

De Luz Road Culvert Replacement at Ten Locations Along De Luz Road – thirteen (13) plan sheets.

**Note:** Added plan sheets are posted on the County website and are available for download during the advertisement period.

https://trans.rctlma.org/notices-inviting-bids

#### **ATTACHMENTS**

- A Revised Bid Bond Form (1 page)
- B Revised Proposal (4 pages)
- C Environmental Permit CDFW (4 pages)
- D Environmental Permit RWQCB San Diego Region, 401 (18 pages)
- **E Avoidance, Minimization, and Mitigation Measures (6 pages)**
- F Added Plan Sheets (13 sheets De Luz Road Culvert Replacement at Ten Locations Along De Luz Road)

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This addendum has been prepared under the direction of the following registered Civil Engineer(s):

Recommended by:

Alfredo Martinez, PE

Engineering project Manager

REG	PROF ES SIONAL  ALFREDO MARTIN	NEZ REER
	No. C- 74665  CIVIL  OF CALIF	

Concurrence:

Cesar Tolentino, PE

**Engineering Division Manager** 

Acknowledged: \_\_\_\_\_ Date: \_\_\_\_\_ Date: \_\_\_\_\_

JRJ:jrj:rr

Note: Refer to Instruction to Bidders Item No. 8, "Addenda". Submission of all addendum pages and non-bidding document attachments of addendum are not necessary for Bid submittal. Submittal of this acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received on the first page of the Bid form (Proposal).

## **Bid Bond**

Recital	<u>ls</u> :		
1	: 11: /L C L D 1		"Contractor", has
			unty of Riverside, "County", for the construction of
			el Monte to Calle Contento, Community of Rancho
			uz Road Culvert Replacement at Ten Locations
			rano and 2,830 Feet South of Buena Loma Road,
	unty.	<u>DU-U(</u>	<u>057</u> in accordance with a Notice Inviting Bids from the
2	•		
2	poration, hereafter called "Surety", is t	ha cui	a
COI	poration, herearter carred Surety, is t	inc sui	ety of this bond.
Agreer	ment:		
		retv. i	ointly and severally agree and state as follows:
			6 of the amount of the Contractor's Proposal, including
	alternates, and inures to the benefit of		
	•		g said Proposal or, in the alternate, (2) if said Proposal
			and furnishes the Bonds as agreed to in its Proposal,
	* .		the recovery of loss, damage and expense of County
			greed to in its Proposal. Some types of possible loss,
	nage and expense are specified in the (		
			es that its obligations hereunder shall in no way be
			e within which County may accept the Proposal and
	ives notice of any such extension.		within which county may accept the Proposal that
	is Bond is binding on our heirs, execut	ors. ac	lministrators, successors and assigns.
		,	
Dated:			
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Title:	Attorney in Fact	Title:	
Title.	"Surety"	Title.	"Contractor"
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nersona	ally anneared	_ 001	known to me, or proved to me on the basis e name is subscribed to the within instrument and
of satis	sfactory evidence, to be the person	whose	e name is subscribed to the within instrument and
acknow	vledged to me that he/she executed th	e sam	e in his/her authorized capacities, and that by his/her
			y upon behalf of which the person acted, executed the
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1110 11 0111			
WITNI	ESS my hand and official seal.		
	,		
Signatu	are of Notary Public		Notary Public (Seal)
		ctor an	d Surety with corporate seal affixed. All signatures must be

notarized. (Attach acknowledgements).

V.060719

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### Pauba Road Widening Via Del Monte to Calle Contento Community of Rancho California Project No. C9-0063; and

De Luz Road
Culvert Replacement at
Ten Locations Along De Luz Road
Between Calle Capistrano and 2,380 Feet South of Buena Loma Road
Community of Santa Rosa
Project No. D0-0057

#### **REVISED PROPOSAL**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BI	D SCHEDULE	- Pauba Road Widening				
1	066100	DUST ABATEMENT	LS	1		
2	100100	DEVELOP WATER SUPPLY	LS	1		
3	120100	TRAFFIC CONTROL SYSTEM	LS	1		
4	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1		
5	170103	CLEARING AND GRUBBING	LS	1		
6	031201	CONSTRUCTION PROJECT FUNDING SIGN	EA	2		
7	190101 F	ROADWAY EXCAVATION	CY	9,650		
8	192037 F	STRUCTURE EXCAVATION (RETAINING WALL)	CY	1,174		
9	193013 F	STRUCTURE BACKFILL (RETAINING WALL)	CY	958		
10	194001	DITCH EXCAVATION	CY	67		
11	260203	CLASS 2 AGGREGATE BASE	CY	4,480		
12	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	290		
13	013904	PLACE ASPHALT CONCRETE DIKE (CRS 212) (8")	LF	180		
14	390132	HOT MIX ASPHALT (TYPE A)	TON	6,260		
15	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	610		
16	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	9,730		
17	475010 F	RETAINING WALL (MASONRY WALL)	SQFT	2,406		
18	035101	GRAVITY WALL	LF	34		
19	510060 F	STRUCTURAL CONCRETE, RETAINING WALL	CY	258		
20	510090 F	STRUCTURAL CONCRETE, BOX CULVERT	CY	15		
21	510092 F	STRUCTURAL CONCRETE, HEADWALL	CY	377		

## REVISED PROPOSAL

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE B	D SCHEDULE	- Pauba Road Widening (continued)				
22	511055 F	CONCRETE SURFACE TEXTURE	SQFT	2,401		
23	520103 F	BAR REINFORCING STEEL (RETAINING WALL)	LB	24,200		
24	641101	12" PLASTIC PIPE	LF	3		
25	665016	18" CORRUGATED STEEL PIPE (.064" THICK)	LF	158		
26	665019	21" CORRUGATED STEEL PIPE (.064" THICK)	LF	96		
27	665030	30" CORRUGATED STEEL PIPE (.064" THICK)	LF	7		
28	665035	36" CORRUGATED STEEL PIPE (.064" THICK)	LF	271		
29	667023	42" X 29" CORRUGATED STEEL PIPE ARCH (.079" THICK)	LF	8		
30	691900	FLUME DOWNDRAIN	LF	202		
31	692101	TAPERED INLET	EA	8		
32	037050	21" STEEL FLAIRED END SECTION	EA	1		
33	700615	CORRUGATED STEEL PIPE INLET	LF	2		
34	037101	CMP CULVERT LINING (CENTRIPIPE)	LF	80		
35	721431	CONCRETE (CONCRETE APRON)	CY	63		
36	723050	ROCK SLOPE PROTECTION (1/4 T, Class V, METHOD B)	CY	23		
37	723080	ROCK SLOPE PROTECTION (60 lb, Class II, METHOD B)	CY	43		
38	723095	ROCK SLOPE PROTECTION (20 lb, Class I, METHOD B)	CY	116		
39	730045	MINOR CONCRETE (GUTTER)	CY	12		
40	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	6		
41	731516	MINOR CONCRETE (DRIVEWAY)	CY	190		
42	780440	PREPARE AND STAIN CONCRETE	SQFT	2,400		
43	038001	CHAIN LINK FENCE (CL-6, TYPE BW)	LF	70		
44	038002	19' CHAIN LINK GATE (TYPE CL-6) [2-9.5' GATE]	EA	1		
45	038003	23' CHAIN LINK GATE (TYPE CL-6) [2-11.5' GATE]	EA	1		
46	800103	TEMPORARY FENCE (TYPE CL-6)	LF	840		
47	803100	RECONSTRUCT FENCE [WHITE VINYL FENCE W/ WIRE MESH]	LF	310		
48	803160	RESET GATE	EA	1		
49	810230	PAVEMENT MARKER (RETROREFLECTIVE)	EA	474		

### **REVISED PROPOSAL**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BI	D SCHEDULE	- Pauba Road Widening (continued)				
50	820250	REMOVE ROADSIDE SIGN	EA	14		
51	820590	RELOCATE ROADSIDE SIGN-ONE POST	EA	3		
52	820840	ROADSIDE SIGN - ONE POST	EA	16		
53	018302	TRANSITIONAL RAILING (TYPE AGT)	EA	1		
54	38301 F	PEDESTRIAN SAFETY RAIL [AT CULVERT HEADWALLS]	LF	77		
55	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	LF	200		
56	833088 F	TUBULAR HANDRAILING	LF	266		
57	839521 F	CABLE RAILING	LF	346		
58	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	3		
59	839742 F	CONCRETE BARRIER (TYPE 836A)	LF	266		
60	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	650		
61	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	17,960		
62	018701	RESET ELECTRICAL FOR LIGHTING	EA	2		
63	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	400,000.00	400,000.00

BASE BID SCH		
SUB-TOTAL:		\$
ITEMS 1 - 63	"WORDS"	

ALTERNATIVE BID SCHEDULE 1 - De Luz Road Culvert Replacement at Ten Locations

64	066100	DUST ABATEMENT	LS	1	
65	100100	DEVELOP WATER SUPPLY	LS	1	
67	120100	TRAFFIC CONTROL SYSTEM	LS	1	
68	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	LS	1	
69	170103	CLEARING AND GRUBBING	LS	1	
70	190101	ROADWAY EXCAVATION	CY	65	
71	032001	PLANTING WORK	EA	33	
72	260203	CLASS 2 AGGREGATE BASE	CY	74	
73	033901	ASPHALT CONCRETE DIKE	LF	30	
74	390132	HOT MIX ASPHALT (TYPE A)	TON	24	

## REVISED PROPOSAL

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
LTERN	ATIVE BID SO	CHEDULE 1 - De Luz Road Culvert Replacement at Ten Locations (continued	d)	1		
75	034001	CONCRETE PAVEMENT	CY	42		
76	035101	MINOR CONCRETE (MINOR STRUCTURE)	CY	145		
77	035103	MINOR CONCRETE (MINOR STRUCTURE) [FLARED END SECTION]	EA	6		
78	035104	MINOR CONCRETE (MINOR STRUCTURE) [COLLAR]	EA	1		
79	650424	36" REINFORCED CONCRETE PIPE (CLASS IV)	LF	116		
80	650432	48" REINFORCED CONCRETE PIPE (CLASS IV)	LF	81		
81	650511	18" REINFORCED CONCRETE PIPE (CLASS V)	LF	336		
82	650516	24" REINFORCED CONCRETE PIPE (CLASS V)	LF	309		
83	038001	REMOVE AND REPLACE CHAIN LINK FENCE (TYPE CL-3)	LF	25		
84	810230	PAVEMENT MARKER (RETROREFLECTIVE)	EA	8		
85	820490	INSTALL TYPE L-2 MARKER TO MATCH EXISTING	EA	16		
86	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	264		
87	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	50,000.00	50,000.0
88	034001	REMOVE AND REPLACE CONCRETE PAVEMENT WITH RAPID STRENGHT CONCRETE (LOCATIONS 5 AND 7)	CY	35		

88	034001	STRENGHT CONCRETE (LOCATIONS 5 AND 7)	CY	35	
ALT BID					
SUB- TO					\$ 
ITEMS	64 - 88	"WORDS"			
BASE BI	D SCH. + ALT	Γ. BID SCH. 1			
PROJE					
TOTAL:					\$ 
ITEMS	1 - 88	"WORDS"			

## Appendix G

## **Environmental Permit**

California Department of Fish and Wildlife (CDFW)

**Lake or Streambed Alteration Agreement** 

GAVIN NEWSOM, Governor

CHARLTON H. BONHAM, Director

DEPARTMENT OF FISH AND WILDLIFE Inland Deserts Region 3602 Inland Empire Boulevard, Suite C-220 Ontario, CA 91764

www.wildlife.ca.gov

September 16, 2022

Jan Bulinski Riverside County Transportation Department 3535 14<sup>th</sup> Street Riverside, California 92501

Notification of Lake or Streambed Alteration, EPIMS Notification No. RIV-25668-R6, De Luz Road Culvert Maintenance Project, Riverside County

Dear Jan Bulinski:

The California Department of Fish and Wildlife (CDFW) had until September 13, 2022, to submit a draft Lake or Streambed Alteration Agreement (Agreement) to you or inform you that an Agreement is not required. CDFW did not meet that date. As a result, by law, you may now proceed with the project described in your notification without an Agreement.

Please note that pursuant to Fish and Game Code section 1602, subdivision (a)(4)(D), if you proceed with this project, it must be the same as described and conducted in the same manner as specified in the notification and any modifications to that notification received by CDFW prior to September 13, 2022. This includes completing the project within the proposed term and seasonal work period and implementing all avoidance and mitigation measures to protect fish and wildlife resources specified in the notification. If the term proposed in your notification has expired, you will need to re-notify CDFW before you may begin your project. Beginning or completing a project that differs in any way from the one described in the notification may constitute a violation of Fish and Game Code section 1602.

Your notification includes, but is not limited to, the following information:

#### Impacts:

- Permanent impacts total at least 0.006 acres of unvegetated streambed and 0.002 acres of riparian habitat
- Temporary impacts total at least 0.088 acres of unvegetated streambed and 0.28 acres of riparian habitat

#### Mitigation

 To offset permanent and temporary impacts any disturbed areas remaining as bare ground will be revegetated with native container plantings, or as directed within project permits. Native shrubs that are removed will be placed with one-gallon size native replacements. Nonnative and invasive plants found within the project footprint will be removed and replaced with native plants. All planting plans will be

Conserving California's Wildlife Since 1870

Jan Bulinski, Environmental Project Manager Riverside County Transportation Department September 16, 2022 Page 2 of 3

approved by the Riverside County Transportation Department (RCTD) and will avoid use of species listed in California Invasive Plant Council's California Invasive Plant Inventory.

- o To offset permanent impacts on sensitive habitats, such as those utilized by special-status species, will be replaced at a 1:1 ratio through on-site restoration. On-site, in-kind restoration of affected habitats would occur at the current locations of the habitats upon completion of construction. This will consist of returning affected areas to original contour grades, using a plate palette composed of native species from the local region prior to disturbance. All planting plans will be approved by RCTD prior to implementation. All revegetated areas will avoid the use of species listed in California Invasive Plant Council's California Invasive Plant Inventory. Restoration performance standards and monitoring requirements will follow the directives outlined in a Habitat Mitigation and Monitoring Plan and/or project permits.
- o Non-native fan palms and their seeds will be removed

The Project consists of impacts to the Santa Margarita River through drainage improvements and replacement of existing culverts at 12 locations along De Luz Road. The improvements will consist of replacing 12 existing corrugated metal pipes with new reinforced concrete piping in the same location and adding new headwalls. Culverts at three of the locations (Locations 1, 3, and 4) will be upsized to accommodate flows. Permanent impacts would result from the construction of new culverts and headwalls, as well as associated grading and cut and fill, along the existing road shoulder. Temporary impacts would occur in staging areas and temporary construction areas along the existing road shoulder. The 12 culvert locations along De Luz Road are as follows:

Table 1: Locations and descriptions of De Luz Road Culvert Maintenance Project.

Toject.					
	Location at De Luz Road	Activity			
Location Number		,			
2004101111001	Calle Capistrano	Replacement and Upsizing			
Lasation 4	Calle Capistiano	Replacement and Opsizing			
Location 1					
	Rancho Capistrano	Replacement			
Location 2	·				
	250 ft south of Rancho	Replacement and Upsizing			
Location 3	California Rd	1 3			
2004		D ( )			
	Via Bolero	Replacement and Upsizing			
Location 4					
	730 ft south of Carancho	Replacement			
Location 5	Road				
	1,500 ft south of Carancho	Replacement			
Location 6	Road	'			
2004	Titoau				

Jan Bulinski, Environmental Project Manager Riverside County Transportation Department September 16, 2022 Page 3 of 3

	5,340 ft south of Carancho	Replacement
Location 7	Road	
	6,480 ft south of Carancho	Replacement
Location 8	Road	
	925 ft south of Dos Rios	Replacement
Location 9	Road	
	1,230 ft north of Buena	Replacement
Location 10	Loma Road	
	500 ft south of Buena Loma	Replacement
Location 11	Road	
	2,380 ft south of Buena	Replacement
Location 12	Loma Road	

Also note that while you are entitled to complete the project without an Agreement, you are still responsible for complying with other applicable local, state, and federal laws. These include, but are not limited to, Fish and Game Code sections 2080 *et seq*. (species listed as threatened or endangered, or a candidate for listing under the California Endangered Species Act); section 1908 (rare native plants); sections 3511, 4700, 5050, and 5515 (fully protected species); section 3503 (bird nests and eggs); section 3503.5 (birds of prey); section 5650 (water pollution); section 5652 (refuse disposal into water); section 5901 (fish passage); section 5937 (sufficient water for fish); and section 5948 (obstruction of stream).

Finally, if you decide to proceed with your project without an Agreement, you must have a copy of this letter <u>and</u> your notification with all attachments available at all times at the work site.

If you have questions regarding this letter, please contact Breanna Machuca, Environmental Scientist, at (760) 636-3487 or by email at Breanna.Machuca@wildlife.ca.gov.

Sincerely,



Heather Pert Senior Environmental Scientist Supervisor

ec: California Department of Fish and Wildlife

Breanna Machuca, Environmental Scientist Inland Deserts Region Breanna.Machuca@Wildlife.ca.gov

## **Appendix H**

## **Environmental Permit**

California Regional Water Quality Control Board San Diego Region

**Clean Water Act Section 401 Water Quality Certification** 

# CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD SAN DIEGO REGION

2375 Northside Drive, Suite.100, San Diego, CA 92108 Phone (619) 516-1990 • Fax (619) 516-1994 http://www.waterboards.ca.gov/sandiego/

Clean Water Act Section 401 Water Quality Certification and Waste Discharge Requirements for Discharge of Dredged and/or Fill Materials

PROJECT: De Luz Road Culvert Maintenance Project

**Certification Number R9-2022-0038** 

WDID: 9 000003747

**APPLICANT: Riverside County Transportation Department** 

4080 Lemon Street Riverside, CA 92501

Reg. Meas. ID: 446154 Place ID: 878442 Party ID: 534707 Person ID: 605981

#### ACTION:

☐ Order for Low Impact Certification ☐ Enrollment in SWRCB GWDR Order No.

2003-017-DWQ

☑ Order for Technically-conditioned ☐ Enrollment in Isolated Waters Order No. Certification 2004-004-DWQ

### PROJECT DESCRIPTION

An application dated December 17, 2021, was submitted by Riverside County Transportation Department (hereinafter Applicant), for Water Quality Certification pursuant to section 401 of the Clean Water Act (United States Code (USC) Title 33, section 1341) for the proposed De Luz Road Culvert Maintenance Project (Project). The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) deemed the application to be complete on February 2, 2022. The Applicant proposes to discharge dredged or fill material to waters of the United States and/or State associated with construction activity at the Project site. The project qualifies for a non-notifying Nationwide Permit No. 3 (Maintenance).

The Project will occur at 12 project locations on De Luz Road west of Interstate 15, unincorporated Riverside County, California. The Project center readings are located at the following latitudes and longitudes:

- 1. 33.517082°, -117.214194°
- 2. 33.510038°, -117.217903°
- 3. 33.509507°, -117.218827°
- 4. 33.508667°, -117.229708°
- 5. 33.495750°, -117.243049°
- 6. 33.494087°, -117.244540°
- 7. 33.490307°, -117.254935°

- 8. 33.488056°, -117.255565°
- 9. 33.470373°, -117.262374°
- 10.33.470381°, -117.269132°
- 11.33.468014°, -117.274515°
- 12.33.465216°, -117.279678°

# CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD SAN DIEGO REGION

2375 Northside Drive, Suite.100, San Diego, CA 92108 Phone (619) 516-1990 • Fax (619) 516-1994 http://www.waterboards.ca.gov/sandiego/

The Applicant has paid all required application fees for this Certification in the amount of \$8,187.00. On February 2, 2022, the San Diego Water Board provided public notice of the Project application pursuant to California Code of Regulations, title 23, section 3858 by posting information describing the Project on the San Diego Water Board's web site and providing a period of twenty-one days for public review and comment. No comments were received.

The Applicant proposes to replace deteriorated and blocked culverts at 12 locations along De Luz Road as part of road maintenance (See Culvert Locations, Attachment 2) The culverts are frequently clogged with debris and sediment and some are undersized for the crossing. Stream flows have caused scouring in some locations, threatening the stability of De Luz Road. The Project will replace the existing corrugated metal pipes with new reinforced concrete piping in the same location. Culverts at three of the locations (Locations 1, 3 and 4) will be upsized to better accommodate flows. The total project area of all 12 locations combined is approximately 0.46 acre.

The 12 culvert locations along De Luz Road are as follows:

- Location 1 at Calle Capistrano (replacement and upsizing);
- Location 2 at Rancho California Road (replacement);
- Location 3 at 250 feet south of Rancho California Road (replacement and upsizing);
- Location 4 at Via Bolero (replacement and upsizing);
- Location 5 at 730 feet south of Carancho Road (replacement);
- Location 6 at 1,500 feet south of Carancho Road (replacement);
- Location 7 at 5,340 feet south of Carancho Road (replacement);
- Location 8 at 6,480 feet south of Carancho Road (replacement);
- Location 9 at 925 feet south of Dos Rios Road (replacement);
- Location 10 at 1,230 feet north of Buena Loma Road (replacement);
- Location 11 at 500 feet south of Buena Loma Road (replacement); and
- Location 12 at 2,380 feet south of Buena Loma Road (replacement).

Locations 5, 6, 7, 8, 10, 11, and 12 are Arizona crossings with culverts beneath the crossings. The culverts normally reduce or eliminate flow that crosses the roadway and endangers drivers. However, the culverts are severely blocked and do not function in their designed capacity. Maintenance at these locations will enable proper drainage to reduce or eliminate flows that currently drain across the roadway.

Receiving waters potentially affected by the Project are protected in accordance with water quality standards in the *Water Quality Control Plan for the San Diego Basin (9)* (Basin Plan). This Certification authorizes permanent and temporary impacts to waters of the United States and /or State affected by the Project and requires compensatory mitigation to offset adverse impacts as described in section VI of the Certification. The temporary impacts will be restored by the Applicant to pre-Project conditions and do not include physical loss of aquatic resource area or degradation of ecological conditions. Compensatory mitigation to offset the permanent loss of jurisdictional waters will be achieved through the Applicant's purchase of mitigation bank credits from the San Luis Rey Mitigation Bank (Bank) in advance of Project construction. Mitigation credit parcels, purchased from the Bank to satisfy compensatory mitigation requirements, are required to be protected, monitored and maintained in perpetuity by the Bank pursuant to a federal and state approved bank enabling instrument and a recorded conservation easement. Based on all of these considerations, the Applicant's compliance with the terms and conditions of this Certification will ensure that the water quality standards for all waters of the United States and/or State impacted by the Project are met.

Additional Project details are provided in Attachment 2 of this Certification.

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### **ATTACHMENTS:**

- 1. **DEFINITIONS**
- 2. PROJECT FIGURES AND PLANS

The San Diego Water Board has independently reviewed the record of the Project to analyze the extent and nature of proposed Project impacts to the water quality and beneficial uses of waters of the United States and/or State and associated compensatory mitigation required to offset impacts attributed to the Project. In accordance with this Certification, the Applicant may proceed with the Project under the following terms and conditions:

#### I. STANDARD CONDITIONS

Pursuant to section 3860 of title 23 of the California Code of Regulations, the following three standard conditions apply to <u>all</u> water quality certification actions:

- A. This Certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to section 13330 of the Water Code and chapter 28, article 6 (commencing with title 23, section 3867), of the California Code of Regulations.
- B. This Certification action is not intended and shall not be construed to apply to any discharge from any activity involving a hydroelectric facility and requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent Certification application was filed pursuant to California Code of Regulations title 23, section 3855 subdivision (b), and that application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.
- C. This Certification action is conditioned upon total payment of any fee required under title 23, chapter 28 (commencing with section 3830) of California Code of Regulations and owed by the applicant.

### II. GENERAL CONDITIONS

- A. **Term of Certification.** Water Quality Certification No. R9-2022-0038 (Certification) shall expire upon a) the expiration or retraction of the Clean Water Act section 404 (33 USC Title 33, section1344) permit issued by the U.S. Army Corps of Engineers for this Project, or b) five (5) years from the date of issuance of this Certification, whichever occurs first.
- B. **Duty to Comply.** The Applicant must comply with all conditions and requirements of this Certification. Any Certification noncompliance constitutes a violation of the Water Code and is grounds for enforcement action or Certification termination, revocation and reissuance, or modification.
- C. **General Waste Discharge Requirements.** The requirements of this Certification are enforceable through Water Quality Order No. 2003-0017-DWQ, *Statewide General Waste Discharge Requirements for Discharges of Dredged or Fill Material that have Received State Water Quality Certification* (Water Quality Order No. 2003-0017-DWQ). This provision shall apply irrespective of whether a) the federal permit for which the Certification was obtained is subsequently retracted or is expired, or b) the Certification is expired. Water Quality Order No. 2003-0017-DWQ is accessible at:

http://www.waterboards.ca.gov/water\_issues/programs/cwa401/docs/generalorders/go\_wdr401regulated\_projects.pdf.

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- D. **Project Conformance with Application.** All water quality protection measures and BMPs described in the application and supplemental information for water quality certification are incorporated by reference into this Certification as if fully stated herein. Notwithstanding any more specific conditions in this Certification, the Applicant shall construct, implement and comply with all water quality protection measures and BMPs described in the application and supplemental information. The conditions within this Certification shall supersede conflicting provisions within the application and supplemental information submitted as part of this Certification action.
- E. Project Conformance with Water Quality Control Plans or Policies.

  Notwithstanding any more specific conditions in this Certification, the Project shall be constructed in a manner consistent with the Basin Plan and any other applicable water quality control plans or policies adopted or approved pursuant to the Porter Cologne Water Quality Act (Division 7, commencing with Water Code Section 13000) or section 303 of the Clean Water Act (33 USC section 1313). The Basin Plan is accessible at:

http://www.waterboards.ca.gov/sandiego/water\_issues/programs/basin\_plan/index.sh tml

- F. **Project Modification.** The Applicant must submit any changes to the Project, including Project operation, which would have a significant or material effect on the findings, conclusions, or conditions of this Certification, to the San Diego Water Board for prior review and written approval. If the San Diego Water Board is not notified of a significant change to the Project, it will be considered a violation of this Certification.
- G. **Certification Distribution Posting**. During Project construction, the Applicant must maintain a copy of this Certification at the Project site. This Certification must be available at all times to site personnel and agencies. A copy of this Certification shall also be provided to any contractor or subcontractor performing construction work, and the copy shall remain in their possession at the Project site.
- H. **Inspection and Entry**. The Applicant must allow the San Diego Water Board or the State Water Resources Control Board, and/or their authorized representative(s) (including an authorized contractor acting as their representative), upon the presentation of credentials and other documents as may be required under law, to:
  - 1. Enter upon the Project or Compensatory Mitigation site(s) premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Certification:
  - 2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Certification;

3. Inspect, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Certification; and

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- 4. Sample or monitor, at reasonable times, for the purposes of assuring Certification compliance, or as otherwise authorized by the Clean Water Act or Water Code, any substances or parameters at any location.
- I. Enforcement Notification. In the event of any violation or threatened violation of the conditions of this Certification, the violation or threatened violation shall be subject to any remedies, penalties, process or sanctions as provided for under State law. For purposes of section 401(d) of the Clean Water Act, the applicability of any State law authorizing remedies, penalties, process or sanctions for the violation or threatened violation constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements incorporated into this Certification.
- J. **Certification Actions**. This Certification may be modified, revoked and reissued, or terminated for cause including but not limited to the following:
  - 1. Violation of any term or condition of this Certification;
  - Monitoring results indicate that continued Project activities could violate water quality objectives or impair the beneficial uses of the Santa Margarita River or its tributaries;
  - 3. Obtaining this Certification by misrepresentation or failure to disclose fully all relevant facts;
  - 4. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge; and
  - 5. Incorporation of any new or revised water quality standards and implementation plans adopted or approved pursuant to the Porter-Cologne Water Quality Control Act or section 303 of the Clean Water Act.

The filing of a request by the Applicant for modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any Certification condition.

- K. **Duty to Provide Information.** The Applicant shall furnish to the San Diego Water Board, within a reasonable time, any information which the San Diego Water Board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Certification or to determine compliance with this Certification.
- L. **Property Rights.** This Certification does not convey any property rights of any sort, or any exclusive privilege.

Certification No. R9-2022-0038

M. Petitions. Any person aggrieved by this action of the San Diego Water Board may petition the State Water Resources Control Board (State Water Board) to review the action in accordance with the California Code of Regulations, title 23, sections 3867 and following. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date of this Certification. Copies of the law and regulations applicable to filing petitions may be found on the Internet at: <a href="http://www.waterboards.ca.gov/public notices/petitions/water quality">http://www.waterboards.ca.gov/public notices/petitions/water quality</a> or will be provided upon request.

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# III. CONSTRUCTION AND POST-CONSTRUCTION BEST MANAGEMENT PRACTICES

- A. Construction Requirements. Prior to start of Project construction, the Applicant must, as applicable, obtain coverage under, and comply with, the requirements of State Water Resources Control Board Water Quality Order No. 2009-0009-DWQ, the General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activity (General Construction Storm Water Permit) and any reissuance. If Project construction activities do not require coverage under the General Construction Storm Water Permit, the Applicant must develop and implement a pollution control plan, construction BMP plan, and/or erosion and sediment control plan to prevent the discharge of sediment and other pollutants during construction activities.
- B. **Post-Construction Requirements**. The Project must meet all the Post-Construction requirements of the San Diego Water Board Order No. R9-2013-0001, National Pollutant Discharge Elimination Systems Permit and Waste Discharge Requirements for Discharges from the Municipal Separate Storm Sewer Systems (MS4) Draining the Watersheds within the San Diego Region (Regional MS4 Permit).
- C. Bridge, Crossing, and Culvert Design. Newly installed bridges, culverts, dip crossings, or other stream crossing structures shall be designed and installed so they will not cause scouring of the stream bed and/or erosion of the banks in the vicinity of the Project. Storm drain lines/culverts and other stream crossing structures shall be designed and maintained to accommodate at least a 100-year, 24-hour storm event, including associated bedload and debris, with a similar average velocity as upstream and downstream sections. Bottoms of temporary culverts shall be placed at stream channel grade and bottoms of permanent culverts shall be open bottom or embedded and backfilled below the grade of the stream greater than or equal to a depth of 1 foot.

#### IV. PROJECT IMPACTS AND COMPENSATORY MITIGATION

A. **Project Impact Avoidance and Minimization**. The Project must avoid and minimize adverse impacts to waters of the United States and/or State to the maximum extent practicable.

B. **Project Impacts and Compensatory Mitigation.** Unavoidable Project impacts to Santa Margarita River and its unnamed tributaries within the Santa Margarita Watershed must not exceed the type and magnitude of impacts described in the table below. At a minimum, compensatory mitigation required to offset unavoidable temporary and permanent Project impacts to waters of the United States and/or State must be achieved as described in the table below:

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	Impacts (acres)	Impacts (linear ft.)	Mitigation for Impacts (acres)	Mitigation Ratio (area mitigated :area impacted)	
Permanent Impacts <sup>1</sup>					
Stream Channel	0.006	85	0.016	2.1	
Riparian	0.002	43	Re-establishment <sup>2</sup>	2:1	
Temporary Impacts <sup>3</sup>					
Streambed	0.088	351	NA	NA	
Riparian	0.284	431	NA	NA	

NA – Not applicable.

- 1. Permanent impacts associated with the installation of new concrete headwalls.
- 2. Permanent stream channel impacts will be mitigated through the purchase of 0.016 acre of re-established riverine wetland credits from the San Luis Rey Mitigation Bank in Oceanside, CA. Mitigation purchased from the San Luis Rey Mitigation Bank is required to be protected and maintained in perpetuity by Wildlands according to the conditions of Water Quality Certification No. R9-2013-0050. The mitigation provided for Project impacts contributes to the net gain of wetlands per the State of California Net Gain Policy (Executive Order W-59-93.)
- 3. All areas of temporary impacts must be restored to pre-project contours and re-vegetated with native species.
  - C. Mitigation Credit Purchase. Prior to the start of construction, the Applicant must provide documentation to the San Diego Water Board verifying the purchase of at least 0.016 acre of credit applicable to the establishment and/or re-establishment of wetland waters of the U.S. and/or State from the San Luis Rey Mitigation Bank
  - D. Temporary Project Impact Areas. The Applicant must restore all areas of temporary impacts and all other areas of temporary disturbance which could result in a discharge or a threatened discharge of pollutants to waters of the United States and/or State. Restoration must include grading of disturbed areas to pre-project contours and re-vegetation with native species. The Applicant must implement all necessary BMPs to control erosion and runoff from areas associated with the Project.

### V. MONITORING AND REPORTING REQUIREMENTS

- A. **Annual Project Progress Reports.** The Applicant must submit annual Project progress reports describing compliance with all requirements of this Certification to the San Diego Water Board prior to **March 1** of each year following the issuance of this Certification, until the Project has reached completion. Annual Project Progress Reports must be submitted even if Project construction has not begun. The monitoring period for each Annual Project Progress Report shall be January 1<sup>st</sup> through December 31<sup>st</sup> of each year. The report must include, at minimum, the following information:
  - 1. The names, qualifications, and affiliations of the persons contributing to the report;
  - 2. The status, progress, and anticipated schedule for completion of Project construction activities;
  - 3. A description of Project construction delays encountered or anticipated that may affect the schedule for construction completion; and
  - 4. A description of each incident of noncompliance during the annual monitoring period and its cause, the period of the noncompliance including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
- B. **Final Project Construction Completion Report.** The Applicant must submit a Final Project Construction Completion Report to the San Diego Water Board **within 30 days of completion of the Project.** The final report must include the following information:
  - 1. Date of construction initiation;
  - 2. Date of construction completion;
  - 3. As-built drawings of the Project, no bigger than 11"X17"; and
  - 4. Photo documentation of implemented post-construction BMPs and all areas of permanent and temporary impacts, prior to and after project construction. Photo documentation must be conducted in accordance with guidelines posted at <a href="http://www.waterboards.ca.gov/sandiego/water\_issues/programs/401\_certification/docs/401c/401PhotoDocRB9V713.pdf">http://www.waterboards.ca.gov/sandiego/water\_issues/programs/401\_certification/docs/401c/401PhotoDocRB9V713.pdf</a>. In addition, photo documentation must include Global Positioning System (GPS) coordinates for each of the photo points referenced.
- C. Reporting Authority. The submittal of information required under this Certification, or in response to a suspected violation of any condition of this Certification, is required pursuant to Water Code section 13267 and 13383. Civil liability may be administratively imposed by the San Diego Water Board for failure to submit information pursuant to Water Code sections 13268 or 13385.

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D. Electronic Document Submittal. The Applicant must submit all reports and information required under this Certification in electronic format via e-mail to <a href="mailto-sanDiego@waterboards.ca.gov">SanDiego@waterboards.ca.gov</a>. Documents over 50 megabytes will not be accepted via e-mail and must be placed on a disc and delivered to:

California Regional Water Quality Control Board
San Diego Region
Attn: 401 Certification No. R9-2022-0038: 878442:dbradford
2375 Northside Drive, Suite 100
San Diego, California 92108

Each electronic document must be submitted as a single file, in Portable Document Format (PDF), converted to text searchable format using Optical Character Recognition (OCR), and not be password protected. All electronic documents must include scanned copies of all signature pages; electronic signatures will not be accepted. Electronic documents submitted to the San Diego Water Board must include the following identification numbers in the header or subject line: Certification No. R9-2022-0038: 878442:dbradford.

- E. **Document Signatory Requirements**. All applications, reports, or information submitted to the San Diego Water Board must be signed as follows:
  - 1. For a corporation, by a responsible corporate officer of at least the level of vice president.
  - For a partnership or sole proprietorship, by a general partner or proprietor, respectively.
  - 3. For a municipality, or a state, federal, or other public agency, by either a principal executive officer or ranking elected official.
  - 4. A duly authorized representative may sign applications, reports, or information if:
    - a. The authorization is made in writing by a person described above.
    - b. The authorization specifies either an individual or position having responsibility for the overall operation of the regulated activity.
    - c. The written authorization is submitted to the San Diego Water Board Executive Officer.

If such authorization is no longer accurate because a different individual or position has responsibility for the overall operation of the Project, a new authorization satisfying the above requirements must be submitted to the San Diego Water Board prior to or together with any reports, information, or applications, to be signed by an authorized representative.

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F. **Document Certification Requirements**. All applications, reports, or information submitted to the San Diego Water Board must be certified as follows:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

### VI. NOTIFICATION REQUIREMENTS

- A. **Discharge Commencement Notification**. The Applicant must notify the San Diego Water Board in writing **at least 5 days prior to** the start of Project construction.
- B. Twenty-Four Hour Non-Compliance Reporting. The Applicant shall report any noncompliance which may endanger health or the environment. Any such information shall be provided orally to the San Diego Water Board within 24 hours from the time the Applicant becomes aware of the circumstances. A written submission shall also be provided within five days of the time the Applicant becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The San Diego Water Board, or an authorized representative, may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.
- C. Anticipated Noncompliance. The Applicant shall give advance notice to the San Diego Water Board of any planned changes in the Project or the Compensatory Mitigation project which may result in noncompliance with Certification conditions or requirements.
- D. Transfers. This Certification is not transferable in its entirety or in part to any person or organization except after notice to the San Diego Water Board in accordance with the following terms:
  - 1. **Transfer of Property Ownership:** The Applicant must notify the San Diego Water Board of any change in ownership of the Project area. Notification of change in ownership must include, but not be limited to, a statement that the Applicant has provided the purchaser with a copy of the Section 401 Water Quality Certification and that the purchaser understands and accepts the certification requirements and the obligation to implement them or be subject to liability for failure to do so; the seller and purchaser must sign and date the notification and provide such notification to the San Diego Water Board **within 10 days of the transfer of ownership.**

- 2. Transfer of Mitigation Responsibility: Any notification of transfer of responsibilities to satisfy the mitigation requirements set forth in this Certification must include a signed statement from an authorized representative of the new party (transferee) demonstrating acceptance and understanding of the responsibility to comply with and fully satisfy the mitigation conditions and agreement that failure to comply with the mitigation conditions and associated requirements may subject the transferee to enforcement by the San Diego Water Board under Water Code section 13385, subdivision (a). Notification of transfer of responsibilities meeting the above conditions must be provided to the San Diego Water Board within 10 days of the transfer date.
- 3. Transfer of Post-Construction BMP Maintenance Responsibility: The Applicant assumes responsibility for the inspection and maintenance of all post-construction structural BMPs until such responsibility is legally transferred to another entity. At the time maintenance responsibility for post-construction BMPs is legally transferred the Applicant must submit to the San Diego Water Board a copy of such documentation and must provide the transferee with a copy of a long-term BMP maintenance plan that complies with manufacturer specifications. The Applicant must provide such notification to the San Diego Water Board within 10 days of the transfer of BMP maintenance responsibility.

Upon properly noticed transfers of responsibility, the transferee assumes responsibility for compliance with this Certification and references in this Certification to the Applicant will be interpreted to refer to the transferee as appropriate. Transfer of responsibility does not necessarily relieve the Applicant of responsibility for compliance with this Certification in the event that a transferee fails to comply.

#### VII. CALIFORNIA ENVIRONMENTAL QUALITY ACT COMPLIANCE

- A. The Riverside County Transportation Department is the Lead Agency under the California Environmental Quality Act (CEQA) (Public Resources Code section 21000, et seq.) section 21067, and CEQA Guidelines (California Code of Regulations, title 14, section 15000 et seq.) section 15367, and has determined that the Project is categorically exempt.<sup>1</sup>
- B. The San Diego Water Board is a Responsible Agency under CEQA (Public Resources Code section 21069; CEQA Guidelines section 15381). The San Diego Water Board has independently determined that the project is categorically exempt because the project involves no expansion of use of the existing roadway and associated facilities.2
- C. As a Responsible Agency under CEQA, the San Diego Water Board will file a Notice of Exemption in accordance with CEQA Guidelines section 15062.

<sup>&</sup>lt;sup>1</sup> 14 CCR section [CATEX #1]

<sup>&</sup>lt;sup>2</sup> 14 CCR section 15301

### VIII. SAN DIEGO WATER BOARD CONTACT PERSON

Darren Bradford, Environmental Scientist

Telephone: (619) 521-3356

Email: <u>darren.bradford@waterboards.ca.gov</u>

### IX. WATER QUALITY CERTIFICATION

I hereby certify that the proposed discharge from the De Luz Road Culvert Maintenance Project (Certification No. R9-2022-0038) will comply with the applicable provisions of sections 301 ("Effluent Limitations"), 302 ("Water Quality Related Effluent Limitations"), 303 ("Water Quality Standards and Implementation Plans"), 306 ("National Standards of Performance"), and 307 ("Toxic and Pretreatment Effluent Standards") of the Clean Water Act. This discharge is also regulated under State Water Board Order No. 2003-0017-DWQ, "Statewide General Waste Discharge Requirements for Dredged or Fill Discharges that have Received State Water Quality Certification (General WDRs)," which requires compliance with all conditions of this Water Quality Certification. Please note that enrollment under Order No. 2003-017-DWQ is conditional and, should new information come to our attention that indicates a water quality problem, the San Diego Water Board may issue individual waste discharge requirements at that time.

Except insofar as may be modified by any preceding conditions, all Certification actions are contingent on (a) the discharge being limited to, and all proposed mitigation being completed in strict compliance with, the applicants' Project description and/or the description in this Certification, and (b) compliance with all applicable requirements of the Basin Plan.

I, David W. Gibson, Executive Officer, do hereby certify the forgoing is a full, true, and correct copy of Certification No. R9-2022-0038 issued on March 16, 2022.

David W. Digitally signed by David W. Gibson Date: 2022.03.16
Water 13:42:10 -07'00'

March 16, 2022

DAVID W. GIBSON Executive Officer San Diego Water Board Date

Riverside County Transportation Department De Luz Road Culvert Maintenance Project Certification No. R9-2022-0038

### **ATTACHMENT 1 – DEFINITIONS**

**Activity** - when used in reference to a permit means any action, undertaking, or project including, but not limited to, construction, operation, maintenance, repair, modification, and restoration which may result in any discharge to waters of the state.

**Buffer** - means an upland, wetland, and/or riparian area that protects and/or enhances aquatic resource functions associated with wetlands, rivers, streams, lakes, marine, and estuarine systems from disturbances associated with adjacent land uses.

California Rapid Assessment Method (CRAM) - is a wetland assessment method intended to provide a rapid, scientifically defensible and repeatable assessment methodology to monitor status and trends in the conditions of wetlands for applications throughout the state. It can also be used to assess the performance of compensatory mitigation projects and restoration projects. CRAM provides an assessment of overall ecological condition in terms of four attributes: landscape context and buffer, hydrology, physical structure and biotic structure. CRAM also includes an assessment of key stressors that may be affecting wetland condition and a "field to PC" data management tool (eCRAM) to ensure consistency and quality of data produced with the method.

**Compensatory Mitigation Project** - means compensatory mitigation implemented by the Applicant as a requirement of this Certification (i.e., applicant -responsible mitigation), or by a mitigation bank or an in-lieu fee program.

**Discharge of Dredged Material** – means any addition of dredged material into, including redeposit of dredged material other than incidental fallback within, the waters of the United States and/or State.

**Discharge of Fill Material** – means the addition of fill material into waters of the United States and/or State.

**Dredged Material** – means material that is excavated or dredged from waters of the United States and/or State.

**Ecological Success Performance Standards** – means observable or measurable physical (including hydrological), chemical, and/or biological attributes that are used to determine if a compensatory mitigation project meets its objectives.

**Enhancement** – means the manipulation of the physical, chemical, or biological characteristics of an aquatic resource to improve a specific aquatic resource function(s). Enhancement results in the gain of selected aquatic resource function(s) but may also lead to a decline in other aquatic resource function(s). Enhancement does not result in a gain in aquatic resource area.

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**Establishment** – means the manipulation of the physical, chemical, or biological characteristics present to develop an aquatic resource that did not previously exist. Creation results in a gain in aquatic resource area.

**Fill Material** – means any material used for the primary purpose of replacing an aquatic area with dry land or of changing the bottom elevation of a water body.

**Isolated Wetland** – means a wetland with no surface water connection to other aquatic resources.

**Mitigation Bank** – means a site, or suite of sites, where resources (e.g., wetlands, streams, riparian areas) are restored, established, enhanced, and/or preserved for the purpose of providing mitigation for impacts authorized by this Certification.

**Preservation** - means the removal of a threat to, or preventing the decline of, aquatic resources by an action in or near those aquatic resources. This term includes activities commonly associated with the protection and maintenance of aquatic resources through the implementation of appropriate legal and physical mechanisms. Preservation does not result in a gain of aquatic resource area or functions.

**Re-establishment** - means the manipulation of the physical, chemical, or biological characteristics of a site with the goal of returning natural/ historic functions to a former aquatic resource. Re-establishment results in rebuilding a former aquatic resource and results in a gain in aquatic resource area and functions.

**Rehabilitation** - means the manipulation of the physical, chemical, or biological characteristics of a site with the goal of repairing natural/ historic functions to a degraded aquatic resource. Rehabilitation results in a gain in aquatic resource function but does not result in a gain in aquatic resource area.

**Restoration** - means the manipulation of the physical, chemical, or biological characteristics of a site with the goal of returning natural/historic functions to a former or degraded aquatic resource. For the purpose of tracking net gains in aquatic resource area, restoration is divided into two categories: re-establishment and rehabilitation.

**Start of Project Construction** - For the purpose of this Certification, "start of Project construction" means to engage in a program of on-site construction, including site clearing, grading, dredging, landfilling, changing equipment, substituting equipment, or even moving the location of equipment specifically designed for a stationary source in preparation for the fabrication, erection or installation of the building components of the stationary source within waters of the United States and/or State.

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**Uplands** - means non-wetland areas that lack any field-based indicators of wetlands or other aquatic conditions. Uplands are generally well-drained and occur above (i.e., up-slope) from nearby aquatic areas. Wetlands can, however, be entirely surrounded by uplands. For example, some natural seeps and constructed stock ponds lack aboveground hydrological connection to other aquatic areas. In the watershed context, uplands comprise the landscape matrix in which aquatic areas form. They are the primary sources of sediment, surface runoff, and associated chemicals that are deposited in aquatic areas or transported through them.

Water Quality Objectives and Other Appropriate Requirements of State Law – means the water quality objectives and beneficial uses as specified in the appropriate water quality control plan(s); the applicable provisions of sections 301, 302, 303, 306, and 307 of the Clean Water Act; and any other appropriate requirement of state law.

**Waters of the State** - means any surface water or groundwater, including saline waters, within the boundaries of the State. [Water Code section 13050(e)].

## **Appendix I**

**Avoidance, Minimization, and Mitigation Measures** 

## **Avoidance, Minimization, and Mitigation Measures**

Minimization and avoidance, as well as compensatory measures, are presented throughout this report. Unless otherwise noted, the measures described are avoidance and/or minimization measures. The following is a full presentation of the text of these measures.

- BIO-1 Biological Training. A qualified biologist will conduct a training program for project and construction personnel (MSHCP Volume I, Section 7.5.3) prior to grading. The training will include a description of the species of concern and their habitats, the general provisions of the Endangered Species Acts (FESA and CESA) and the MSHCP, the need to adhere to the provisions of the acts and the MSHCP, the penalties associated with violating the provisions of the acts, the general measures that are being implemented to conserve the species of concern as they relate to the proposed project, and the access routes to and project site boundaries within which the project activities must be accomplished (MSHCP Volume I, Appendix C).
- BIO-2 Biological Monitoring. A biological monitor will be present on site during clearing/grubbing and earthwork within or adjacent to sensitive natural communities or other protected biological resources to ensure that avoidance and minimization measures are in place according to specifications and monitor construction in the vicinity of biological resources at a frequency necessary to ensure that avoidance and minimization measures are properly followed. The biological monitor will report any non-compliance to RCTD within 24 hours. Once Environmentally Sensitive Area (ESA) fencing is installed (see BIO-3) and clearing/grubbing is completed, a biological monitor is not needed except for fencing inspections (see BIO-4).
- BIO-3 ESA Fencing Installation. Prior to clearing or construction, highly visible barriers (such as orange construction fencing) will be installed around all native habitats (i.e., Southern Coast Live Oak Riparian Forest, Southern Sycamore-Alder Riparian Woodland, Southern Arroyo Willow Riparian Forest, Coyote Brush Scrub, Coast Live Oak Woodland, Coastal Sage Scrub, Mixed Chaparral) and any other sensitive biological resources (e.g., special-status plant species, aquatic resources) to avoid disturbance to designated ESAs to be preserved. No grading or fill activity of any type will be permitted within these ESAs. All construction equipment will be operated in a manner to prevent accidental damage to nearby avoidance areas. Silt fence barriers will be installed at the ESA boundary to prevent accidental deposition of fill material in areas where vegetation is immediately adjacent to planned grading activities. No construction activities, materials, equipment, or vehicles will be allowed within the ESAs. Employees will be instructed that their activities are restricted to the construction areas.
- **BIO-4 ESA Fencing Inspections.** The ESA fencing will be inspected by the biological monitor or Resident Engineer at a frequency necessary to ensure that it is in place and properly maintained. ESA fencing and exclusion fencing will remain in place and will be maintained until project construction is completed.
- **BIO-5 Construction and Project Limits.** No construction activities, materials, or equipment will be allowed within the ESAs. Construction personnel will strictly limit their activities, vehicles, equipment, and construction materials to the project limits of disturbance and

- designated staging areas and routes of travel. The construction area(s) will be the minimal area necessary to complete the project and will be specified in the construction plans. Employees will be instructed that their activities are restricted to the construction areas. Access to sites will be from pre-existing access routes to the greatest extent possible.
- **BIO-6 Minimizing Disturbance.** Construction activity will be minimized to the maximum extent practicable within areas containing native vegetation, MSHCP Conservation Areas, and in all drainages, streams, pools, or other features under the jurisdiction of the USACE, RWQCB, and/or CDFW.
- BIO-7 Vegetation Clearing Restrictions. Clearing of natural vegetation will be performed outside of the active breeding season for birds, as defined in the MSHCP (March 1 through June 30) (MSHCP Volume I, Section 7.5.3). If clearing of vegetation needs to occur during this time frame, a preconstruction nesting bird survey will need to be performed (see BIO-17).
- BIO-8 Water Pollution Control Plan. A water pollution control plan (WPCP) will be prepared. The plan will describe sediment and hazardous materials control, dewatering or diversion structures, and fueling and equipment management practices. The WPCP will be reviewed and approved by RCTD prior to construction (MSHCP Volume I, Sections 6.1.4 and 7.5.3). The following measures will be provided:
  - A WPCP shall be developed and implemented in accordance with RWQCB requirements (MSHCP Volume I, Appendix C) and will ensure that no fluids or sediment from construction will enter into the ESA fenced areas.
  - Hydrologic connectivity will be maintained within drainages during the duration of construction to the extent feasible. If streamflows must be diverted, the diversions will be conducted using sandbags or other methods requiring minimal instream impacts. A diversion plan will be prepared by the contractor for approval by CDFW prior to any streamflow diversion. Silt fencing or other sediment trapping materials will be installed at the downstream end of construction activity to minimize the transport of sediments off-site. Settling ponds where sediment is collected will be cleaned out in a manner that prevents the sediment from reentering the stream. Care will be exercised when removing sediment BMPs, as feasible, to prevent debris or sediment from returning to the stream (MSHCP Volume I, Section 7.5.3, MSHCP Volume I, Appendix C). Short-term diversions will consider effects on wildlife (MSHCP Volume I, Section 7.5.3).
  - Equipment storage, fueling, and staging areas shall be located on upland sites at a
    minimum of 50 feet from any drainage with minimal risks of direct drainage into
    riparian areas or other sensitive habitats. These designated areas shall be located in
    such a manner as to prevent any runoff from entering sensitive habitat. Necessary
    precautions shall be taken to prevent the release of cement or other toxic substances
    into surface waters. Project-related spills of hazardous materials shall be reported to
    appropriate entities, including, but not limited to, RCTD, CDFW, and RWQCB and shall be
    cleaned up immediately and contaminated soils removed to an approved disposal area.
  - No erodible materials will be deposited into watercourses or areas demarcated with ESA fencing. Vegetation, mud, silt, or other debris material or pollutants from construction activities will not be stockpiled within stream channels or on adjacent

- banks or otherwise allowed to enter a water course (MSHCP Volume I, Section 7.5.3, and MSHCP Volume I, Appendix C).
- No equipment will be placed within a flowing stream or on directly adjacent banks.
- New surface flows will be treated prior to reaching waterways.
- Sediment and erosion control measures will be implemented until such time soils are determined to be successfully stabilized (MSHCP Volume I, Section 7.5.3).
- **BIO-9 Waste Management.** To avoid attracting predators of special-status species, the Project site will be kept as clean of debris as possible. All food-related trash items will be enclosed in sealed containers and regularly removed from the site(s) (MSHCP Volume I, Appendix C). Waste, dirt, rubble, or trash will not be deposited in a MSHCP Conservation Area or on native habitat (MSHCP Volume I, Section 7.5.3).
- BIO-10 Fire Prevention. When work is conducted during the fire season (as identified by the Riverside County Fire Department), appropriate fire-fighting equipment (e.g., extinguishers, shovels, water tankers) will be available on the project site during all phases of project construction to help minimize the chance of human-caused wildfires. Shields, protective mats, and/or other fire preventative methods will be used during grinding, welding, and other spark-inducing activities. Personnel trained in fire hazards, preventative actions, and responses to fires will advise contractors regarding fire risk from all construction-related activities (MSHCP Volume I, Section 7.5.3).
- **BIO-11 Dust Control.** Active construction areas shall be watered regularly to control dust and minimize impacts on adjacent vegetation (MSHCP Volume I, Section 7.5.3).
- BIO-12 Exotic Species. Any exotic species that are removed during construction will be properly handled to prevent sprouting or regrowth. This means that care will be taken to not spread exotic plant seeds during plant removal and that plants will be removed prior to flowering, if feasible (MSHCP Volume I, Section 7.5.3). Trucks carrying loads of vegetation that will be removed from the project footprint will be covered and disposed of in accordance with applicable laws and regulations. Exotic wildlife species that prey upon or displace target species of concern should be permanently removed from the site to the extent feasible (MSHCP Volume I, Appendix C).
- **BIO-13 Equipment Cleaning.** Construction equipment will be cleaned of mud or other debris that may contain invasive plants and/or seeds and inspected to reduce the potential of spreading noxious weeds before mobilizing to the site and before leaving the site during the course of construction. The cleaning of equipment will occur off-site.
- **BIO-14 Night Lighting Management.** To the extent feasible, no nighttime work will be conducted in areas adjacent to MSHCP Conservation Areas and/or suitable habitat for special-status wildlife species. If the work has to be performed during nighttime hours, then the lights will be shielded and/or directed away from the habitat to prevent light intrusion into the habitat area.
- **BIO-15 MSHCP Covered Species Avoidance.** During construction, the placement of equipment within a stream or on adjacent banks or adjacent upland habitats occupied by MSHCP

covered species that are outside of the Project's LOD will be avoided (MSHCP Volume I, Section 7.5.3, and MSHCP Volume I, Appendix C).

- BIO-16 Least Bell's Vireo Preconstruction Surveys and Management. If trimming or clearing of riparian vegetation occurs during the active breeding season for least Bell's vireo (March 15-September 15), then a qualified biologist will conduct preconstruction surveys within three days prior to vegetation removal activities within suitable riparian habitat (i.e., Southern Sycamore-Alder Riparian Woodland) to identify the locations of any individual least Bell's vireo. If nesting activities or active nests are discovered within the project impact area, a buffer zone will be clearly marked by the biologist and no construction activities will occur within the buffer zone until the young have fledged or the nest is no longer active. If the qualified biologist determines that activities within the vegetation clearing area are disturbing or disrupting nesting activities, then they will notify the site superintendent. Responses may include, but are not limited to, preventing idling of vehicle engines and other equipment whenever possible to reduce noise, minimizing activities in the immediate vicinity, or working in other areas until the young have fledged. If least Bell's vireo are detected, then consultation with Western Riverside Regional Conservation Authority, USFWS, and CDFW will be required. No preconstruction surveys would be required if trimming or clearing of riparian vegetation occurs outside of the active breeding season for least Bell's vireo (September 16-March 14).
- **BIO-17 Nesting Bird Preconstruction Surveys and Management.** If vegetation clearing is to occur during the breeding season for passerine birds (i.e., February 1–September 1) or raptors (i.e., January 1-September 1), the designated biologist will conduct a preconstruction survey of construction areas and an appropriate buffer no more than 72 hours prior to construction to identify the locations of avian nests. Should nests be found, an appropriate buffer will be established by a qualified biologist around each nest site. To the extent feasible, no construction will take place within this buffer until the nest is no longer active. In the event that construction must occur within the buffer areas, the designated biologist will ensure construction activities do not disturb or disrupt nesting activities. If the designated biologist determines that construction activities are disturbing or disrupting nesting activities, then they will notify the Resident Engineer, who has the authority to halt construction to reduce the noise and/or disturbance to the nests. Responses may include, but are not limited to, preventing idling of vehicle engines and other equipment whenever possible to reduce noise, installing a protective noise barrier between the nest and the construction activities, minimizing activities in the immediate vicinity, or working in other areas until the young have fledged. Nesting bird habitat within the BSA will be resurveyed during the breeding bird season if there is a lapse in construction activities longer than seven days.
- BIO-18 Avoidance and Replacement of Native Vegetation. The removal of native vegetation shall be avoided and minimized to the maximum extent practicable. Post-construction, any disturbed areas remaining as disturbed will be returned to pre-existing contours, weeded, and generally revegetated with several native shrub or perennial container plantings based on what was impacted at each culvert location or as directed within project permits. Nonnative Mexican fan palms (*Washingtonia robusta*) and their seeds will be removed. All planting plans will be approved by RCTD and will avoid the use of species listed in California Invasive Plant Council's *California Invasive Plant Inventory*.

- BIO-19 Onsite Restoration. Impacts on sensitive habitats, such as those utilized by special-status species, will be replaced at a 1:1 ratio through on-site restoration. On-site, in-kind restoration of affected habitats would occur at the current locations of the habitats upon completion of construction. This will consist of returning affected areas to original contour grades, decompacting the soil, and replanting with container plantings, using a plant palette composed of native species from the local region prior to disturbance. All planting plans will be approved by RCTD prior to implementation. All revegetated areas will avoid the use of species listed in California Invasive Plant Council's California Invasive Plant Inventory and species listed in Table 6-2 of the MSHCP.
- BIO-20 Aquatic Resources Avoidance. The project limits of disturbance, including the upstream, downstream, and lateral extents of any stream within or adjacent to the project footprint, will be clearly defined and marked in the field. The biological monitor will review the limits of disturbance prior to initiation of construction activities (MSHCP Volume I, Section 7.5.3, and MSHCP Volume I, Appendix C). The upstream and downstream limits of project disturbance, plus the lateral limits of disturbance of any stream, will be clearly defined and marked in the field, including ESA fencing installed during construction to ensure avoidance of jurisdictional areas and riparian habitat.
- report that provides analysis of direct and indirect impacts, avoidance, minimization, and compensatory mitigation, along with the functions and values of the resources being affected as related to MSHCP Covered Species, will be prepared, and submitted to RCA, USFWS, and CDFW for review. After approval, the DBESP will be implemented.
- **BIO-22 Access.** The permittee (i.e., RCTD) will have the right to access and inspect any sites of approved projects for compliance with project approval conditions, including BMPs (MSHCP Volume I, Appendix C).

ALL COORDINATES AND DISTANCES SHOWN HEREON ARE GRID VALUES EXPRESSED IN U.S. SURVEY FEET, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES BY THE PROJECT SPECIFIC AVERAGE COMBINED SCALE FACTOR OF 0.99990723.

## **BENCH MARK**

ELEVATIONS SHOWN HEREON ARE EXPRESSED IN U.S. SURVEY FEET AND ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29), ESTABLISHED BY A STATIC GNSS SURVEY TIED TO RIVERSIDE COUNTY SURVEY DIVISION BENCHMARK T-74-81 (1983),

ELEV.=1287.358', USING A HIGH RESOLUTION GEOID MODEL (GEOID12B CONUS).

## CULVERT LOCATIONS ALONG DE LUZ ROAD:

LOCATION 1 - AT CALLE CAPISTRANO (REPLACEMENT & UPSIZING), SHEET L-1

LOCATION 2 - AT RANCHO CALIFORNIA ROAD (REPLACEMENT), SHEET L-1

LOCATION 3 - AT 250'SOUTH OF RANCHO CALIFORNIA RD (REPLACEMENT & UPSIZING), SHEET L-2

LOCATION 4 - AT 330' WEST OF SUMMER RAIN COURT (REPLACEMENT AND UPSIZING), SHEET L-2

LOCATION 5 - AT 730' SOUTH OF CARANCHO ROAD (REPLACEMENT), SHEET L-3

LOCATION 6 - AT 1500' SOUTH OF CARANCHO ROAD (REPLACEMENT & UPSIZING), SHEET L-3

LOCATION 7 - AT 5680' SOUTH OF CARANCHO ROAD (REPLACEMENT), SHEET L-4

LOCATION 8 - AT 6480' SOUTH OF CARANCHO ROAD (REPLACEMENT), SHEET L-4

LOCATION 9 - AT 1230' NORTH OF DOS RIOS ROAD (COMPLETELY BURIED), SHEET L-5

LOCATION TO AT 1230 NONTH OF DOLLAR LOWA HOAD (NEI LACEMENT), SHEET L. 3

LOCATION 12 - AT 2380' SOUTH OF BUENA LOMA ROAD (REPLACEMENT & UPSIZING), SHEET L-6

## CONSTRUCTION NOTES

- (1) NOT USED
- (2) INSTALL 18" RCP, CLASS V
- (3) INSTALL 24" RCP, CLASS V
- (4) NOT USED
- (5) INSTALL 36" RCP, CLASS IV
- (6) INSTALL 48" RCP, CLASS IV
- (7) INSTALL FLARED END SECTION TYPE A PER CALTRANS STD PLAN D94B
- (8) CONSTRUCT HEADWALL TYPE A PER CALTRANS REVISED STD PLAN D89B
- (9) CONSTRUCT HEADWALL TYPE A PER CALTRANS STD PLAN D90
- (10) NOT USED
- (11) CONTOUR GRADING (CONFORM TO DRAINAGE IMPROVEMENTS)
- REMOVE EXISTING PAVEMENT AND CULVERT AND CONSTRUCT NEW PAVEMENT AND CULVERT PER COUNTY OF RIVERSIDE STD. NO. 307 AND TRENCH DETAIL ON SHEET C-1
- (13) NOT USED
- (14) CONSTRUCT AC PAVEMENT SECTION PER DETAIL ON SHEET C-1
- (15) CONSTRUCT CONCRETE PAVEMENT SECTION PER DETAIL ON SHEET C-1
- (16) CONSTRUCT AC DIKE IN-KIND PER COUNTY OF RIVERSIDE STD PLAN 212, HEIGHT PER PLAN
- (17) PAINT TRAFFIC STRIPING IN-KIND AND REPLACE PAVEMENT MARKERS
- (18) PROTECT IN PLACE
- (19) REMOVE AND REPLACE INTERFERING SEGMENT OF EXISTING FENCE IN-KIND
- (2) INSTALL TYPE L-2 MARKER TO MATCH EXISTING
- (21) NOT USED
- (2) CONSTRUCT CONCRETE COLLAR PER RCFC&WCD STD M803
- REMOVE AND REPLACE CONCRETE PAVEMENT AT EXISTING ELEVATIONS PER COUNTY OF RIVERSIDE STD. NO. 307 AS DIRECTED

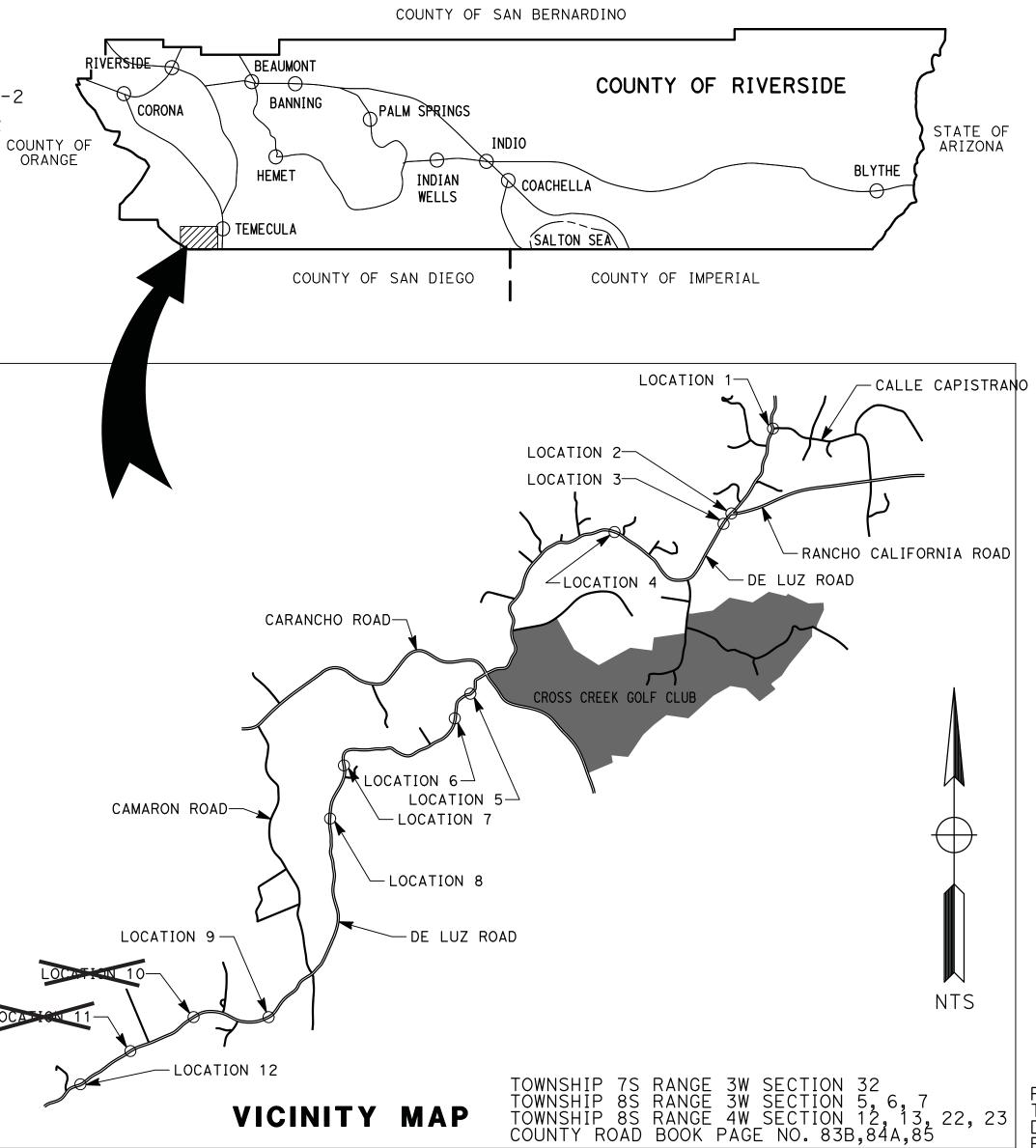
# COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT

## DE LUZ ROAD

CULVERT REPLACEMENT

10 LOCATIONS ALONG DE LUZ ROAD BETWEEN CALLE CAPISTRANO AND 2380 FEET SOUTH OF BUENA LOMA ROAD

WO No. DO-0057



## ABBREVIATIONS & LEGEND

AC	ASPHALT CONCRETE	RT	RIGHT
AP	ANGLE POINT	SL	STREET LIGHT
AVE	AVENUE	ST	STREET
BEG	BEGIN	STA	STATION
BOV	BLOWOFF VALVE	STD	STANDARD
Q_	CENTER LINE	TF	TOP OF FOOTING
C/G	CURB AND GUTTER	TW	TOP OF WALL
CMP	CORRUGATED METAL PIPE	VLT	VAULT
CONC	CONCRETE	WM	WATER METER
СТ	COURT	WV	WATER VALVE
D	DIAMETER	[-3	BACKFLOW PREVENTOR ASSEMBLY
DR	DRIVE		CABINET
DWY	DRIVEWAY	F	EXISTING SIGN
EP	EDGE OF PAVEMENT	+0+	FIRE HYDRANT
EXIST	EXISTING	0	GAS VALVE
FG	FINISHED GRADE		GUY POLE
FH	FIRE HYDRANT	0	IRRIGATION VALVE
FL	FLOW LINE		MAILBOX
FS	FINISHED SURFACE	<b>©</b>	MANHOLE
GP	GUY POLE	$\Diamond$	PEDESTAL
GV	GAS VALVE		POWER POLE
НМА	HOT MIX ASPHALT		PROPOSED SIGN
INV	INVERT	UB	PULL BOX
IRR	IRRIGATION	<del>`</del>	STREET LIGHT
ΙV	IRRIGATION VALVE	$\Diamond$	VAULT
LT	LEFT	$\boxtimes$	WATER METER
MH	MANHOLE	0	WATER VALVE
MIN	MINIMUM	<b>~~~</b>	DIRECTION OF FLOW
No.	NUMBER	<b></b>	- FLOW LINE
NTS	NOT TO SCALE		
PROP	PROPOSED		
PVMT	PAVEMENT		
R	RADIUS		
D.C.D	DEINEODOED CONODETE DID	-	

## INDEX OF SHEETS

RESURF RESURFACING

RIGHT OF WAY

RECONSTRUCT

SHEET No.	DESCRIPTION
1	TITLE SHEET
2-7	LAYOUT PLANS
8-12	CONSTRUCTION DETAILS
13	MANTAINANCE OF TRAFFIC PLANS

REINFORCED CONCRETE PIPE

REVIEWS OF PROJECT PLANS AND SPECIFICATIONS BY THE COUNTY OF RIVERSIDE IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE THE ENGINEER IN RESPONSIBLE CHARGE (AS DEFINED BY SECTION 6703 OF THE BUSINESS AND PROFESSIONAL CODE) OF THEIR RESPONSIBILITIES TO COMPLY WITH APPLICABLE STANDARDS FOR THE PROJECT DESIGN.

THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT, (800) 227-2600, AND ALL CONCERNED UTILITY COMPANIES AT LEAST TWO WORKING DAYS IN ADVANCE OF EXCAVATION

CONCURRED BY

PREPARED BY

PREPARED BY

PREPARED BY

PREPARED BY

DE LUZ ROAD

CHRISTOPLIS

CHRISTOPLIS

CHARLES CHRISTOPLIS

SENIOR HIGHWAY PROJECT MANAGER

TITLE SHEET

SHEET No

CHARLES

CHARLES

CHARLES CHRISTOPLIS

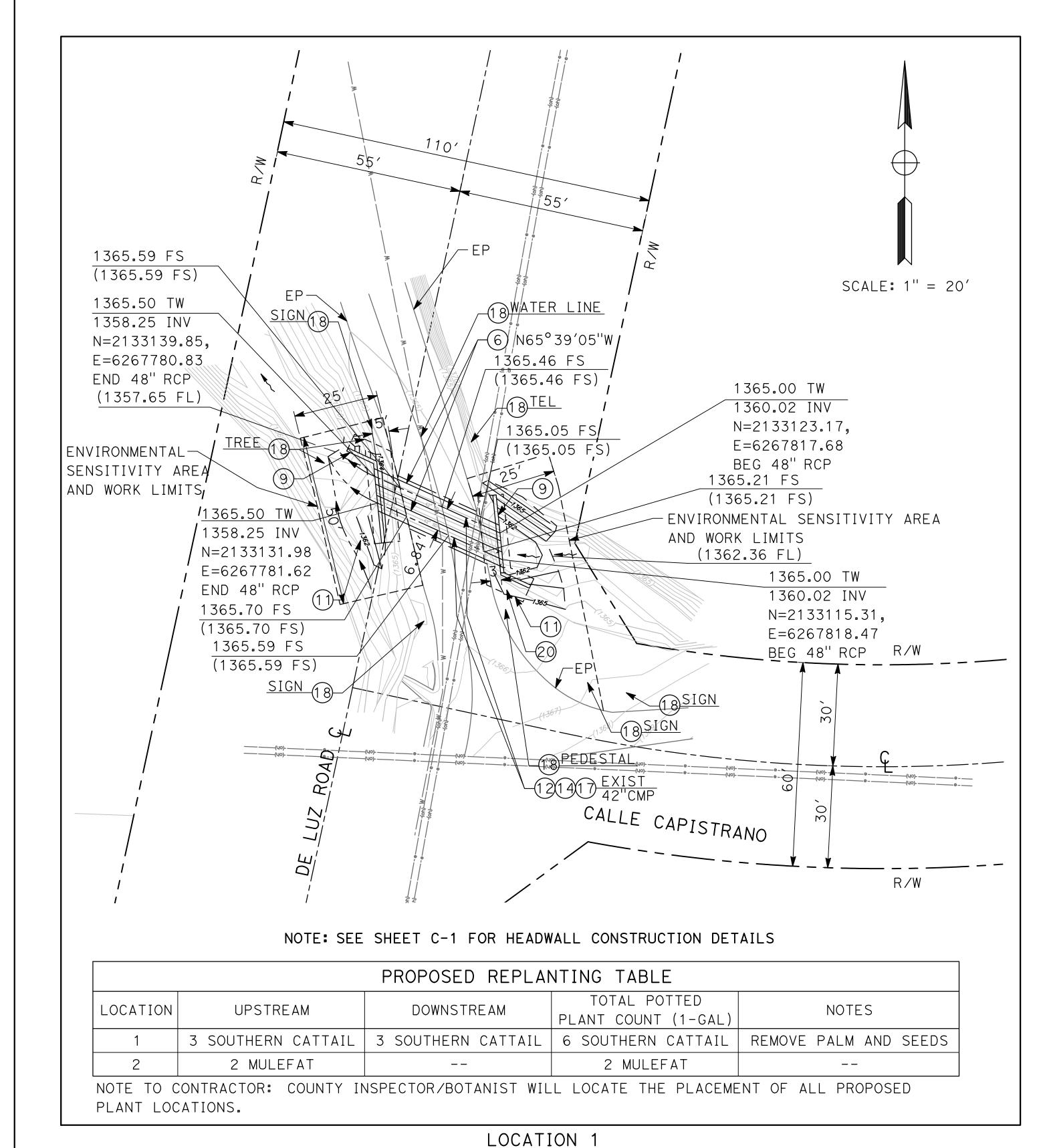
SENIOR HIGHWAY PROJECT MANAGER

SHEET 1 OF 13

PROJECT UTILIZES COUNTY OF RIVERSIDE ORDINANCE 461.10 ROAD STANDARDS ADOPTED IN 2007.

- THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF
- THE DESIGN HEREON. IN THE EVENT OF DESCREPANCIES ARISING AFTER COUNTY APPROVAL OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS
- FOR APPROVAL BY THE COUNTY.

USERNAME => \$USER DGN FILE => \$REQUEST WO DO-0057 COUNTY FILE No. 973-L



AT CALLE CAPISTRANO

(REPLACEMENT AND UPSIZE)

PLANT NAME TABLE GROWTH FORM SCIENTIFIC NAME COMMON NAME SOUTHERN CATTAIL HETEROMELES ARBUTIFOLIA PERENNIAL BACCHARIS SALICIFOLIA MULEFAT SHRUB SCALE: 1" = 20' -/ENVIRONMENTAL SENSITIVITY AREA AND WORK LIMITS 1428.50/INV ENVIRONMENTAL SENSITIVITY AREA N=2130602.42 AND WORK LIMITS E=6266660.24 (1428.42 FL END 36"/RCP 1434.70 FS (1434.70 FS) SIGN (1,8) WV POST 18 EXIST 8" AC DIKE 1434.97 FS RANCHO CALIFORNIA ROAD (1434.97 FS) 121417 EXIST 36"CMF (8)WATER LINE 18 MARKER 1434**.**53 FS POST (18 (1434.53 FS) 1429.66 INV (1430.77 FL)N=2130552.48 E=6266624.43 ENVIRONMENTAL SENSITIVITY -BEG 36" RCP AND WORK LIMITS LOCATION 2 AT RANCHO CALIFORNIA ROAD

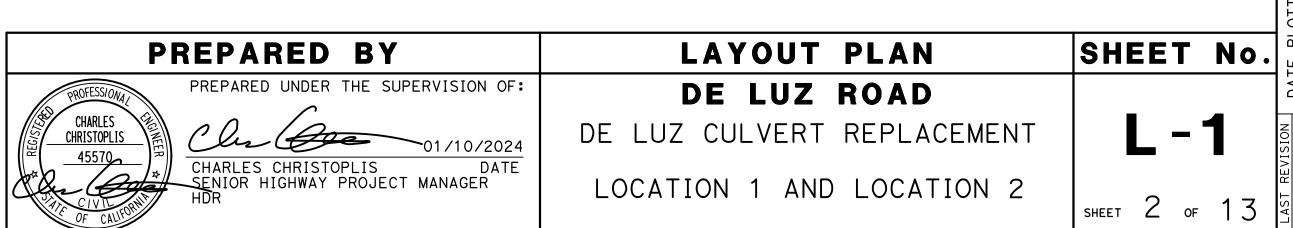
(REPLACEMENT)

(16) CONSTRUCT AC DIKE IN-KIND PER COUNTY OF

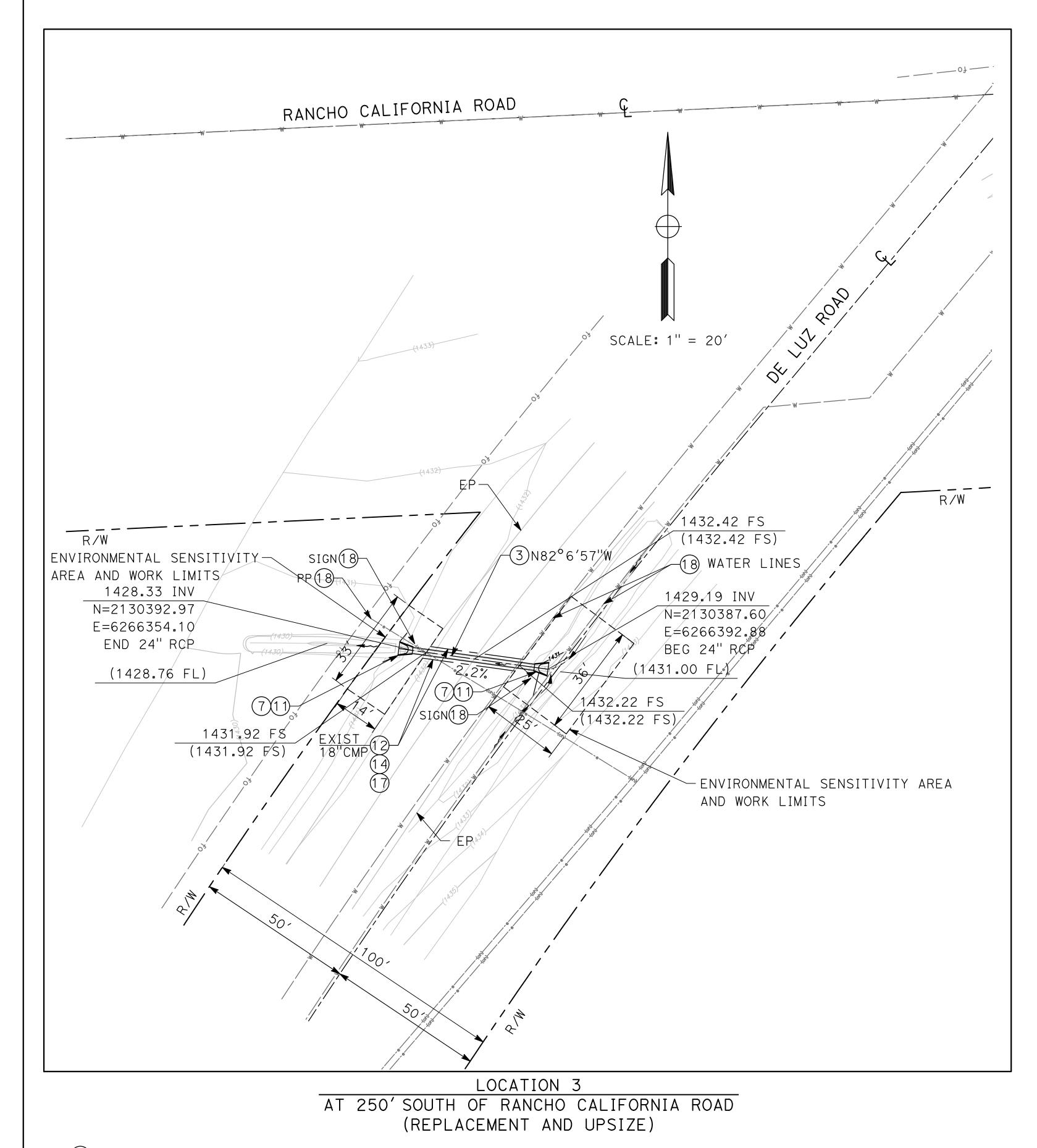
- RIVERSIDE STD 212, HEIGHT PER PLAN (17) PAINT/RESTORE TRAFFIC STRIPING IN-KIND
- (18) PROTECT IN PLACE
- (2) INSTALL TYPE L-2 MARKER TO MATCH EXISTING

(5) INSTALL 36" RCP, CLASS IV

- (6) INSTALL 48" RCP, CLASS IV
- (7) INSTALL FLARED END SECTION TYPE A PER CALTRANS STD PLAN D94B
- (9) CONSTRUCT HEADWALL TYPE A PER CALTRANS STD PLAN D90
- (11) CONTOUR GRADING (CONFORM TO DRAINAGE IMPROVEMENTS)
- (12) REMOVE EXISTING PAVEMENT AND CULVERT AND CONSTRUCT NEW PAVEMENT AND CULVERT PER COUNTY OF RIVERSIDE STD. NO. 307 AND TRENCH DETAIL ON SHEET C-1
- (14) CONSTRUCT AC PAVEMENT SECTION PER DETAIL ON SHEET C-1



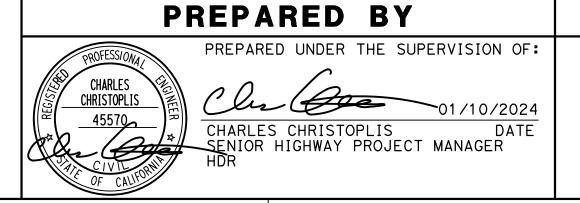
USERNAME => \$USER COUNTY FILE No. 973-L WO D0-0057 DGN FILE => \$REQUEST



PLANT NAME TABLE SCIENTIFIC NAME GROWTH FORM COMMON NAME HETEROMELES ARBUTIFOLIA SHRUB TOYON -APPROXIMATE LOCATION OF FIBER OPTIC LINE. FIBER OPTIC LINE NOT FOUND DURING POTHOLING. CONTRACTOR TO FIELD VERIFY PRIOR TO CONSTRUCTION AND NOTIFY COUNTY INSPECTOR OF ANY CONFLICTS. - ENVIRONMENTAL SENSITIVITY AREA AND WORK LIMITS 1349.00 TW (1345.10 FL) 1345.30 INV SCALE: 1" = 20' 1349.00 TW N=2130135.23 1345,30 ÎNV E=6263027.64 N=2130134.16 END 24" RCP E=6263025.95 1349.23 FS END 24" RCP (1,349.23 FS) 1349.31 FS (1349.31 FS) DE LUZ ROAD (18) FIBER OPTICS LINE OAK TREE (18) WATER LINE (18) N32°12′49"W(3)-1349.31 FS (1349.31 FS) R/W 1349.00 TW 1345.55 INV N=2130091.27 ENVIRONMENTAL SENSITIVITY AREA-AND WORK LIMITS E=6263055.33 1349.00 TW \_BEG 24" RCP 1345.55 INV N=2130091.90 E=6263052.57 (1346.35 FL) BEG 24" RCP PROPOSED REPLANTING TABLE TOTAL POTTED UPSTREAM DOWNSTREAM NOTES LOCATION PLANT COUNT (1-GAL) 1 TOYON 1 TOYON NOTE TO CONTRACTOR: COUNTY INSPECTOR/BOTANIST WILL LOCATE THE PLACEMENT OF ALL PROPOSED PLANT LOCATIONS. NOTE: SEE SHEET C-2 FOR HEADWALL CONSTRUCTION DETAILS LOCATION (# OF PIPES) TOF 12′ Loc 4 North (2) 1349.00 1345.30 1344.80 12′ 1349.00 1345.55 1345.05 Loc 4 South (2) LOCATION 4

AT 335' WEST OF SUMMER RAIN COURT (REPLACEMENT AND UPSIZE)

- (3) INSTALL 24" RCP, CLASS V
- (7) INSTALL FLARED END SECTION TYPE A PER CALTRANS STANDARD PLAN D94B
- (8) CONSTRUCT HEADWALL TYPE A PER CALTRANS REVISED STD PLAN D89B
- (11) CONTOUR GRADING (CONFORM TO IMPROVEMENTS)
- (12) REMOVE EXISTING PAVEMENT AND CULVERT AND CONSTRUCT NEW PAVEMENT AND CULVERT PER COUNTY OF RIVERSIDE STD. NO. 307 AND TRENCH DETAIL ON SHEET C-1
- (14) CONSTRUCT AC PAVEMENT SECTION PER DETAIL ON SHEET C-1
- (17) PAINT TRAFFIC STRIPE IN-KIND
- (18) PROTECT IN PLACE

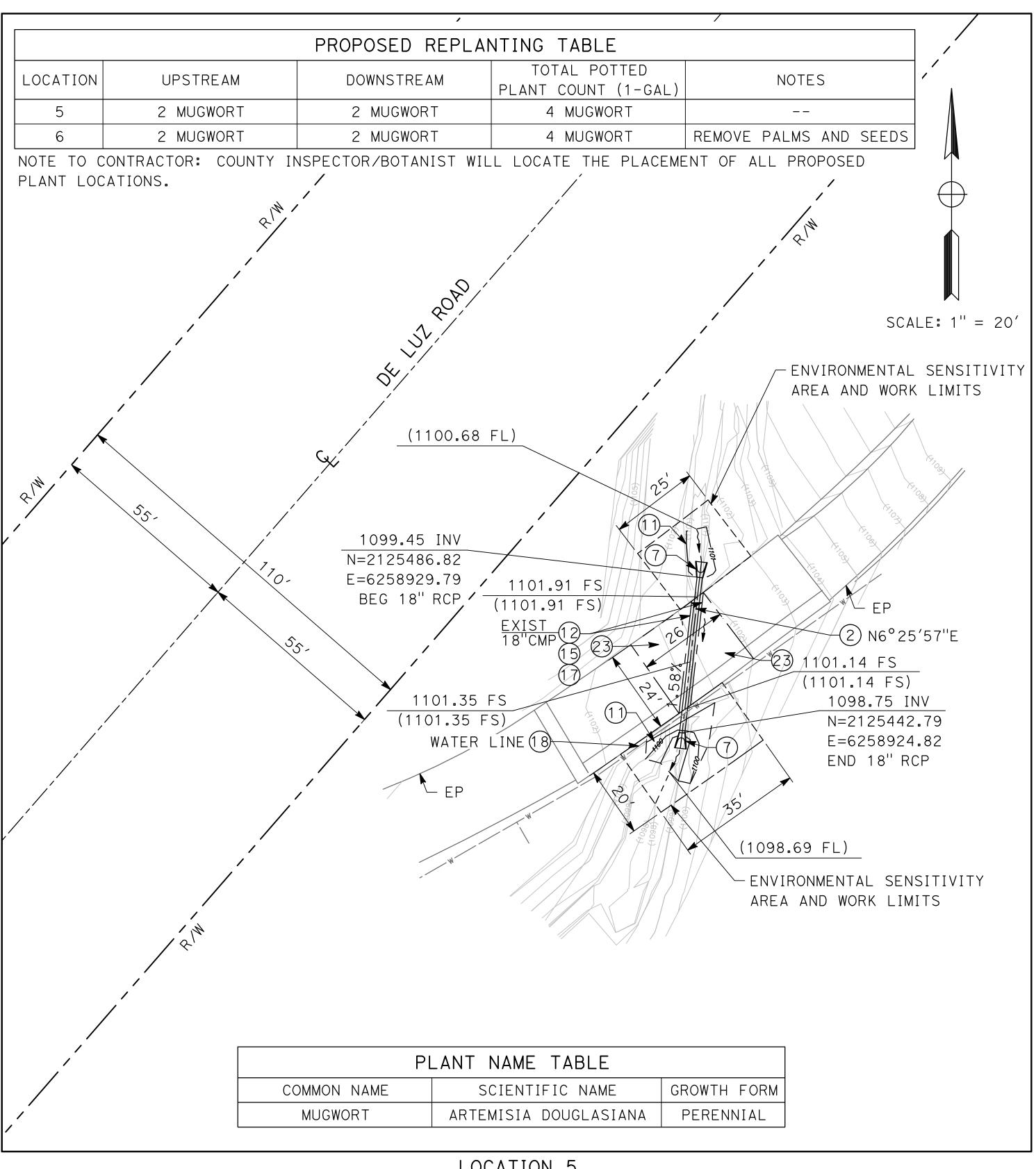


SHEET No. LAYOUT PLAN DE LUZ ROAD DE LUZ CULVERT REPLACEMENT LOCATION 3 AND LOCATION 4

WO D0-0057

**L-2** SHEET 3 of 13





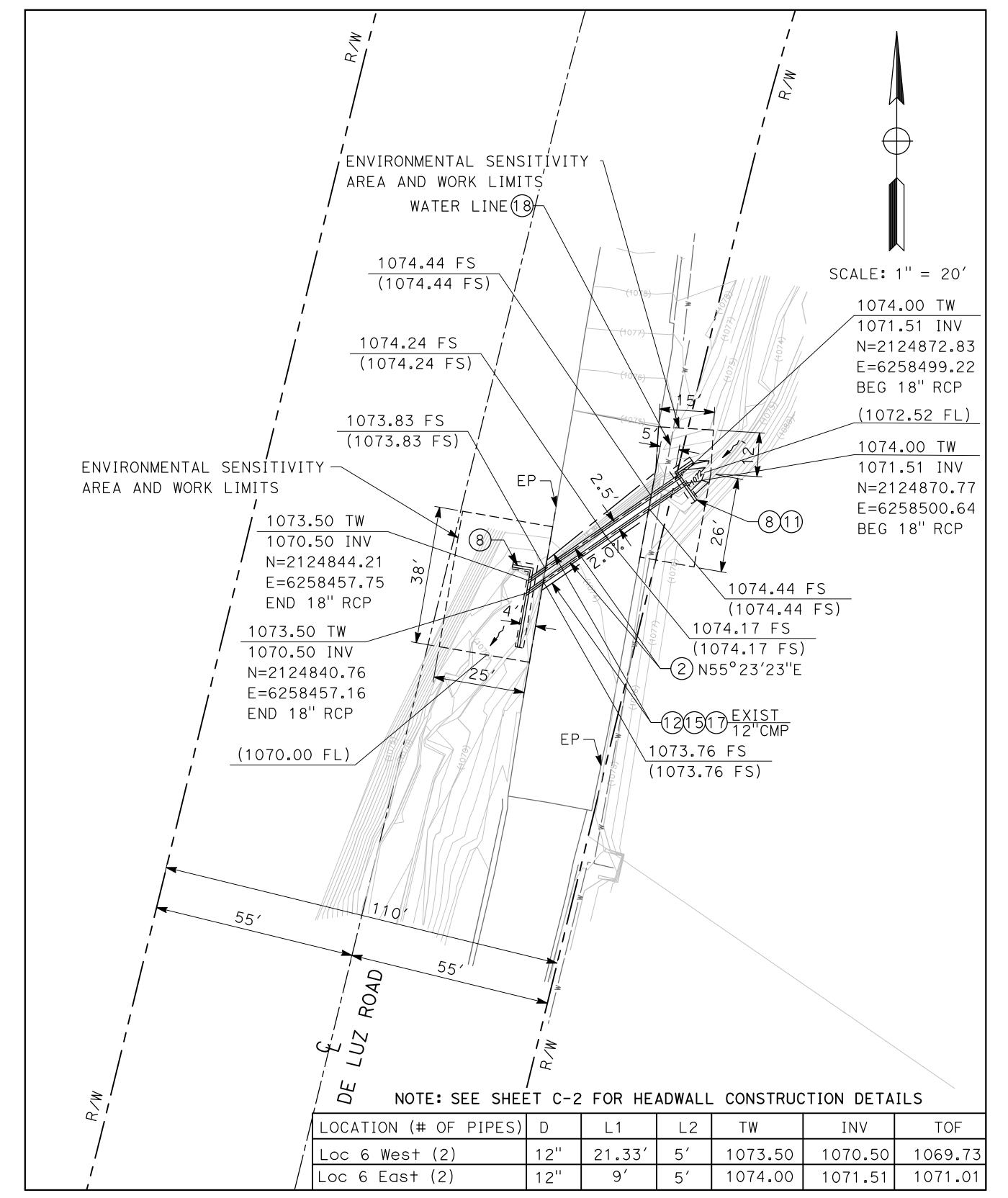
AT 730 FEET SOUTH OF CARANCHO ROAD (REPLACEMENT)

- (1) NOT USED
- (2) INSTALL 18" RCP, CLASS V
- (7) INSTALL FLARED END SECTION TYPE A PER CALTRANS STD PLAN D94B
- (8) CONSTRUCT HEADWALL TYPE A PER CALTRANS REVISED STD PLAN D89B
- (11) CONTOUR GRADING (CONFORM TO DRAINAGE IMPROVEMENTS)
- 12 REMOVE EXISTING PAVEMENT AND CULVERT AND CONSTRUCT NEW PAVEMENT AND CULVERT PER COUNTY OF RIVERSIDE STD. NO. 307 AND TRENCH DETAIL ON SHEET C-1
- (5) CONSTRUCT CONCRETE PAVEMENT SECTION PER DETAIL ON SHEET C-1
- (17) PAINT TRAFFIC STRIPE IN-KIND

18 PROTECT IN PLACE

21 NOT USED

REMOVE AND REPLACE CONCRETE PAVEMENT AT EXISTING ELEVATIONS PER COUNTY OF RIVERSIDE STD. NO. 307 AS DIRECTED



LOCATION 6
AT 1500 FEET SOUTH OF CARANCHO ROAD
(REPLACEMENT AND UPSIZE)

PREPARED BY

PREPARED UNDER THE SUPERVISION OF:

DE LUZ ROAD

CHARLES CHRISTOPLIS

CHARLES CHRISTOPLIS

CHARLES CHRISTOPLIS

DATE

SENIOR HIGHWAY PROJECT MANAGER

HDR

LAYOUT PLAN

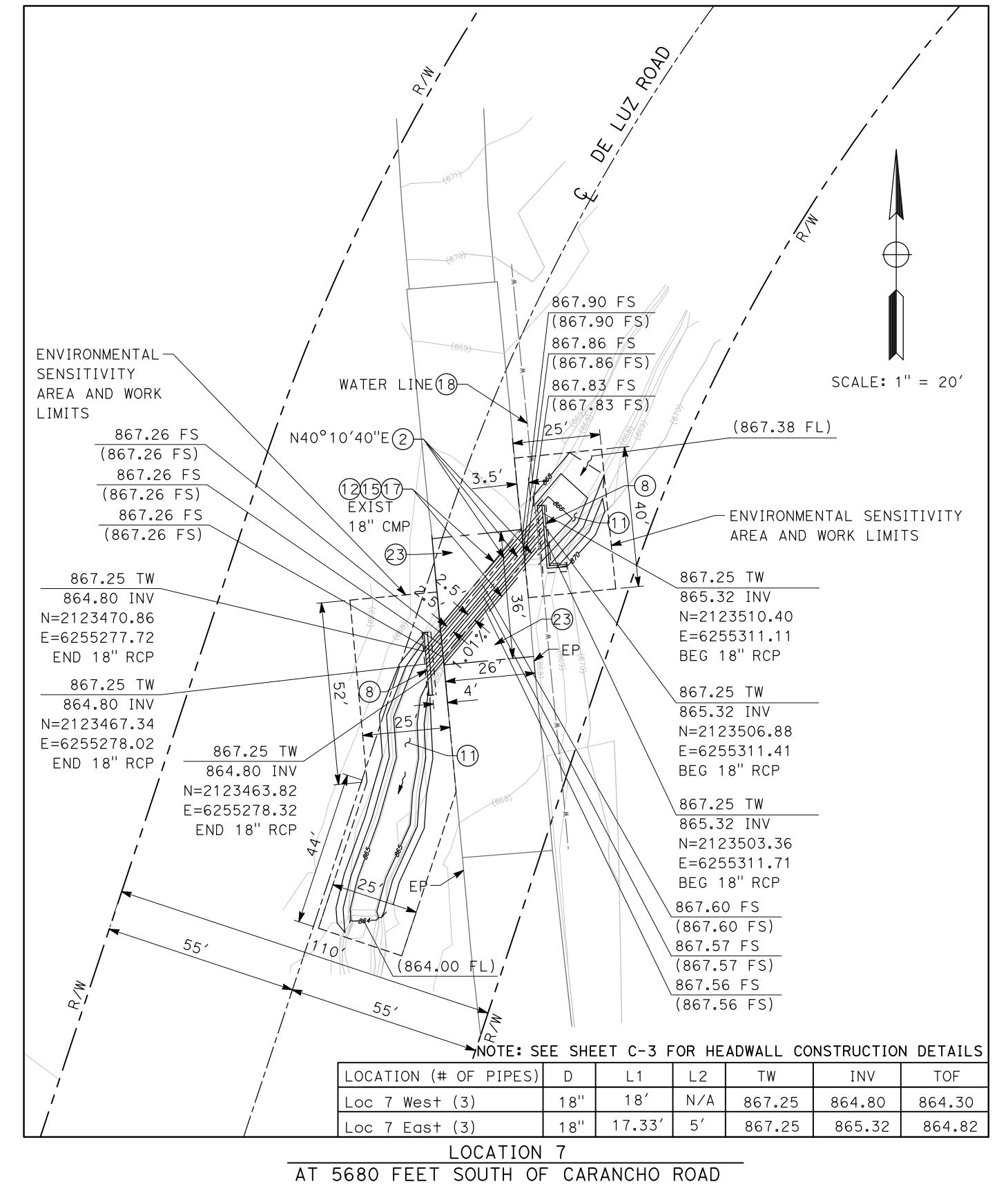
SHEET No.

DE LUZ ROAD

LOCATION 5 AND LOCATION 6

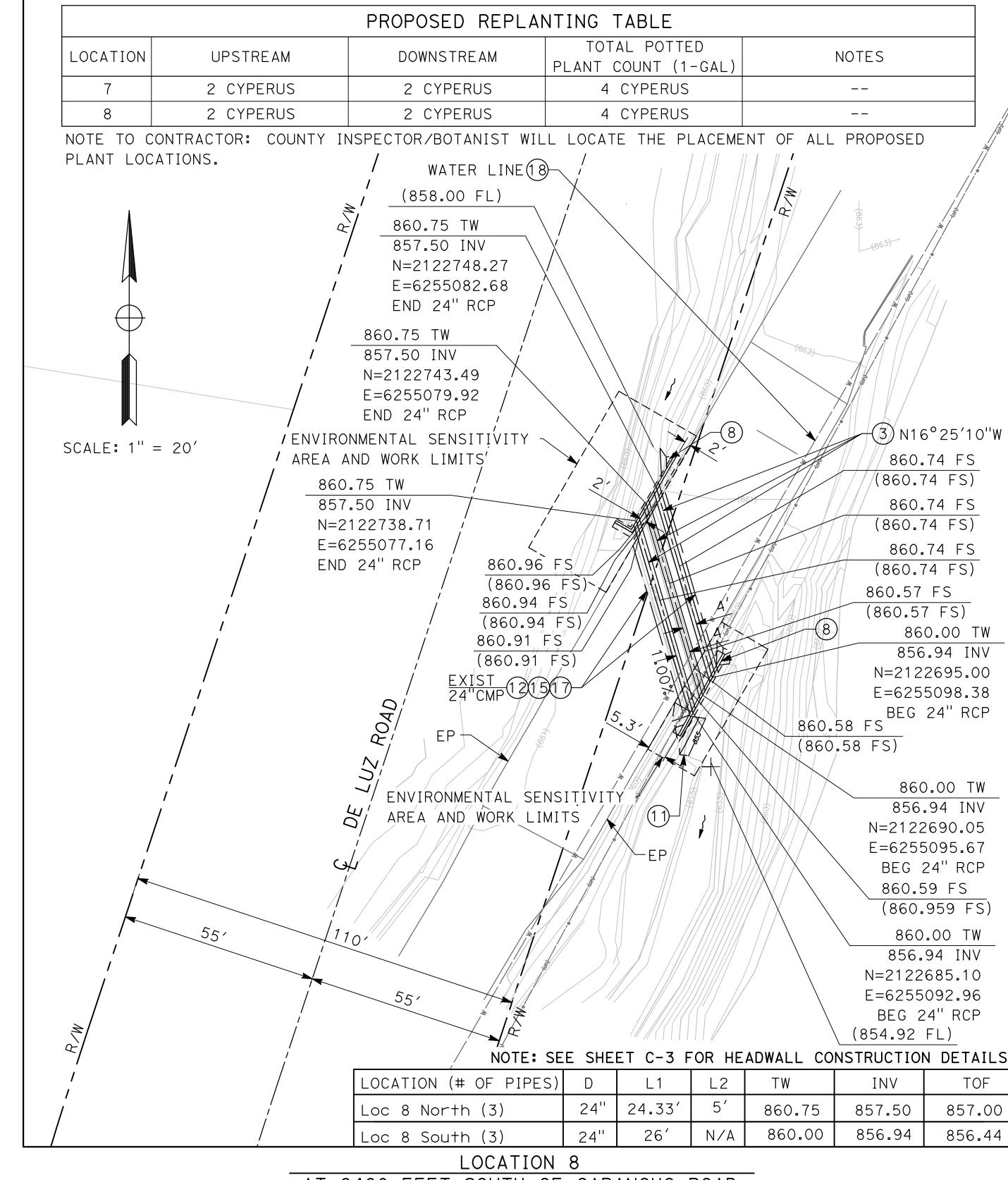
WO DO-0057

COUNTY FILE No. 973-L



(REPLACEMENT)

(21) NOT USED



AT 6480 FEET SOUTH OF CARANCHO ROAD (REPLACEMENT)

(2) INSTALL 18" RCP, CLASS V

...

(3) INSTALL 24" RCP, CLASS V

8) CONSTRUCT HEADWALL TYPE A PER CALTRANS REVISED STD PLAN D89B

(11) CONTOUR GRADING (CONFORM TO DRAINAGE IMPROVEMENTS)

REMOVE EXISTING PAVEMENT AND CULVERT AND CONSTRUCT NEW PAVEMENT AND CULVERT PER COUNTY OF RIVERSIDE STD. NO. 307 AND TRENCH DETAIL ON SHEET C-1

- (15) CONSTRUCT CONCRETE PAVEMENT SECTION PER DETAIL ON SHEET C-1
- 17) PAINT TRAFFIC STRIPE IN KIND AND REPLACE PAVEMENT MARKERS
- (18) PROTECT IN PLACE

PI	LANT NAME TABLE	
COMMON NAME	SCIENTIFIC NAME	GROWTH FORM
CYPERUS	CYPERUS ODORATUS	PERENNIAL

REMOVE AND REPLACE CONCRETE PAVEMENT AT EXISTING ELEVATIONS PER COUNTY OF RIVERSIDE STD. NO. 307 AS DIRECTED

PREPARED BY	LAYOUT PLAN	SHEET No.
PREPARED UNDER THE SUPERVISION OF:	DE LUZ ROAD	
CHARLES CHRISTOPLIS  O1/10/2024	DE LUZ CULVERT REPLACEMENT	L-4
CHARLES CHRISTOPLIS DATE SENIOR HIGHWAY PROJECT MANAGER HDR	LOCATION 7 AND LOCATION 8	SHEET 5 OF 13

USERNAME => \$USER
DGN FILE => \$REQUEST

WO DO-0057

PLANT NAME TABLE SCIENTIFIC NAME COMMON NAME GROWTH FORM 643.50 TW 640.77 INV AGEBRUSH ARTEMESIA CALIFORNICA SHRUB N=2116338.44 **I**GWORT ARTEMISIA DOUGLASIANA PERENNIAL E=6250899.26 BEG 24" RCP (642.28 FL) ENVIRONMENTAL SENSITIVITY -AREA AND WORK LIMITS 643.50 TW APPROXIMATE LOCATION SHOWN 640.77 INV FIBER OPTIC AND WATER LINES, N=2116336.63 DEPTHS ARE UNKNOWN. CONTRACTOR E=6250896.26 FIELD VERIFY PRIOR TO BEG\24" RCP CONSTRUCTION AND NOTIFY COUNTY INSPECTOR OF ANY CONFLICTS. 643.61 FS (643.61 FS) 643.50 FS (643.50 FS) 643.30 FS (643.30 FS) EXIST 12(15)17 643.25 TW 640.40 INV N=2116295.04 643.25 TW E=6250893.70/ 640.40 INV N=2116293.23 E=6250890.69 END 24" RCP - ENVIRONMENTAL SENSITIVITY AREA AND WORK LIMITS NOTICE TO CONTRACTOR: EXACT CONDITION OF EXISTING UTILITIES IS UNKNOWN FIRST ORDER OF OPERATION IS FOR THE CONTRACTOR TO EXPOSE EXISING UTILINES FOR COUNTY INSPECTOR TO CONFIRM AND/OR MODIFY DESIGN. NOTE: SEE SHEET C-5 FOR HEADWALL CONSTRUCTION DETAIL N LOCATION (# OF PIPES) 30.33′ 6.33′ 24" 643.50 640.77 Loc 10 North (1) 24'' Loc 10 South (1) 15′ N/A 643.25 640.40 639.90 LOCATION 10 1230 FEET NORTH SENA LOMA ROAD

LOCATION 9 AT 1230 FEET NORTH OF DOS RIOS ROAD (COMPLETELY BURIED)

- (3) INSTALL 24" RCP, CLASS V
- (5) INSTALL 36" RCP, CLASS IV
- CONSTRUCT HEADWALL TYPE A PER CALTRANS REVISED STD PLAN D89B
- (11) CONTOUR GRADING (CONFORM TO DRAINAGE IMPROVEMENTS)
- (12) REMOVE EXISTING PAVEMENT AND CULVERT AND CONSTRUCT NEW PAVEMENT AND CULVERT PER COUNTY OF RIVERSIDE STD. NO. 307 AND TRENCH DETAIL ON SHEET C-1
- (14) CONSTRUCT AC PAVEMENT SECTION PER DETAIL ON SHEET C-1

- (15) CONSTRUCT CONCRETE PAVEMENT SECTION PER DETAIL ON SHEET C-1
- (16) CONSTRUCT AC DIKE IN-KIND
- (17) PAINT TRAFFIC STRIPE IN-KIND
- (18) PROTECT IN PLACE
- 19 REMOVE AND REPLACE INTERFERING SEGMENT OF EXISTING FENCE IN-KIND
- (22) CONSTRUCT CONCRETE COLLAR PER RCFC&WCD STD M803
- PREPARED UNDER THE SUPERVISION OF: <del>\_\_</del>01/10/2024 CHARLES CHRISTOPLIS DATE SENIOR HIGHWAY PROJECT MANAGER

PREPARED BY

DE LUZ ROAD DE LUZ CULVERT REPLACEMENT

LAYOUT PLAN

REMOVE AND REPLACE CONCRETE PAVEMENT AT EXISTING ELEVATIONS PER COUNTY OF

LOCATION 9 AND LOCATION 10 SHEET 6 of 13

USERNAME => \$USER WO D0-0057 DGN FILE => \$REQUEST

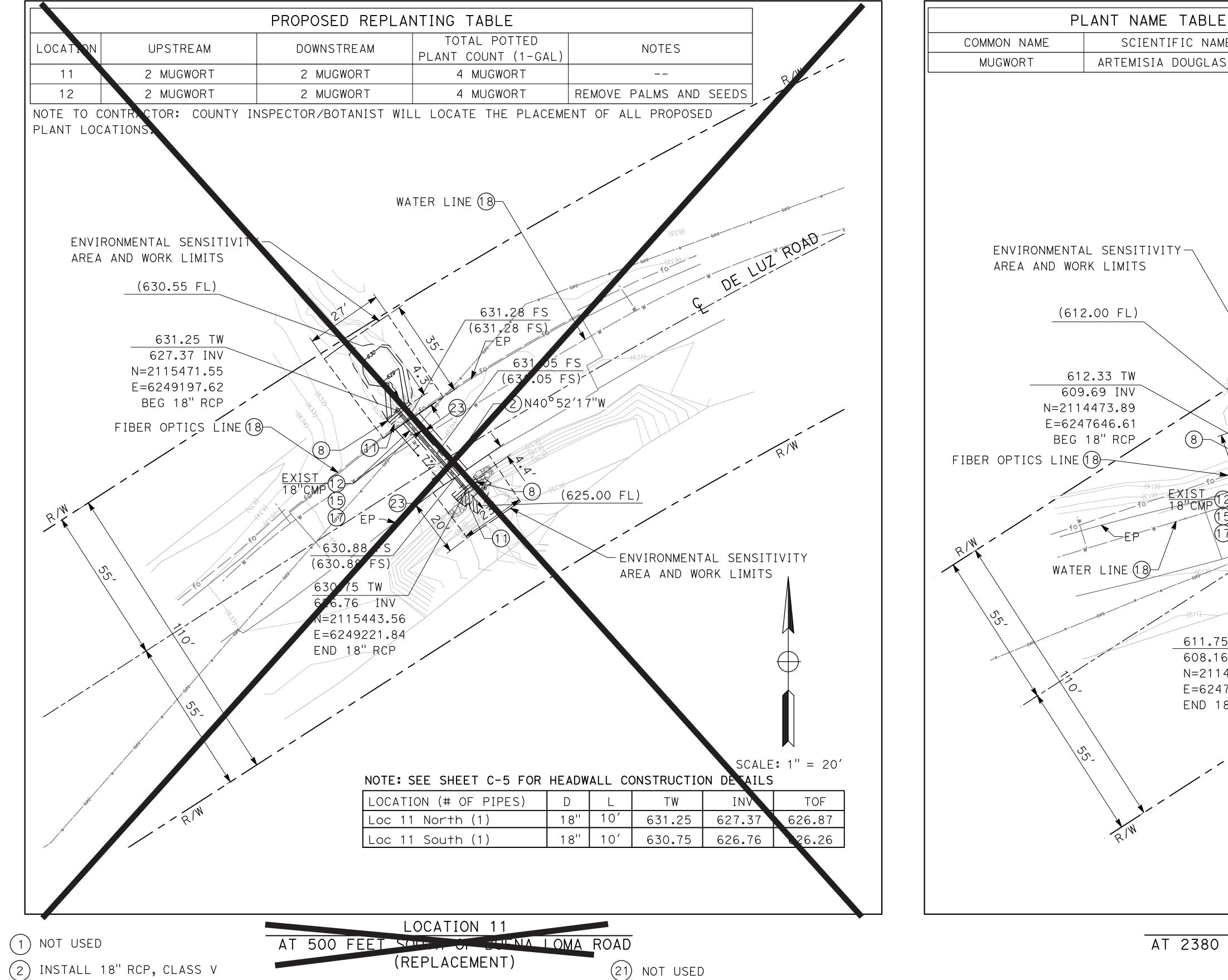
(EPLACEMENT)

RIVERSIDE STD. NO. 307 AS DIRECTED

COUNTY FILE No. 973-L

SHEET No.

BORDER LAST REVISED 07/21/2015



SCIENTIFIC NAME GROWTH FORM ARTEMISIA DOUGLASIANA PERENNIAL 612.38 FS (612.38 FS 612.02 F (2) N11° 33′15"W 611.80 FS (611.80 FS) (610.15 FL) 611.75 TW 608.16 INV N=2114442.51 -ENVIRONMENTAL SENSITIVITY E=6247653.03 AREA AND WORK LIMITS END 18" RCP SCALE: 1" = 20' NOTE: SEE SHEET C-5 FOR HEADWALL CONSTRUCTION DETAILS LOCATION (# OF PIPES) TOF INV 18'' 612.33 609.69 12′ 609.19 Loc 12 North (1) 18" 611.75 Loc 12 South (1) 12′ 608.16 607.66

LOCATION 12 AT 2380 FEET SOUTH OF BUENA LOMA ROAD (REPLACEMENT)

(2) INSTALL 18" RCP, CLASS V

CONSTRUCT HEADWALL TYPE A PER CALTRANS REVISED STD PLAN D89B

(11) CONTOUR GRADING (CONFORM TO DRAINAGE IMPROVEMENTS)

(12) REMOVE EXISTING PAVEMENT AND CULVERT AND CONSTRUCT NEW PAVEMENT AND CULVERT PER COUNTY OF RIVERSIDE STD. NO. 307 AND TRENCH DETAIL ON SHEET C-1

CONSTRUCT CONCRETE PAVEMENT SECTION PER DETAIL ON SHEET C-1

(17) PAINT TRAFFIC STRIPE IN-KIND

(18) PROTECT IN PLACE

PREPARED BY PREPARED UNDER THE SUPERVISION OF:

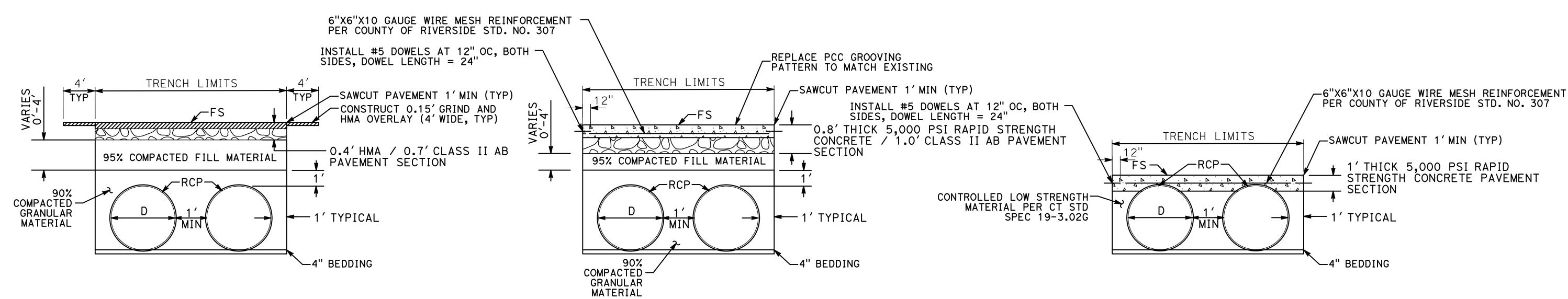
REMOVE AND REPLACE CONCRETE PAVEMENT AT EXISTING ELEVATIONS PER COUNTY OF RIVERSIDE STD. NO. 307 AS DIRECTED

LAYOUT PLAN DE LUZ ROAD Clis ( 01/10/2024 DE LUZ CULVERT REPLACEMENT CHARLES CHRISTOPLIS DATE SENIOR HIGHWAY PROJECT MANAGER LOCATION 11 AND LOCATION 12

SHEET 7 of 13

SHEET No.

USERNAME => \$USER WO D0-0057 DGN FILE => \$REQUEST



## TYPICAL TRENCH DETAIL

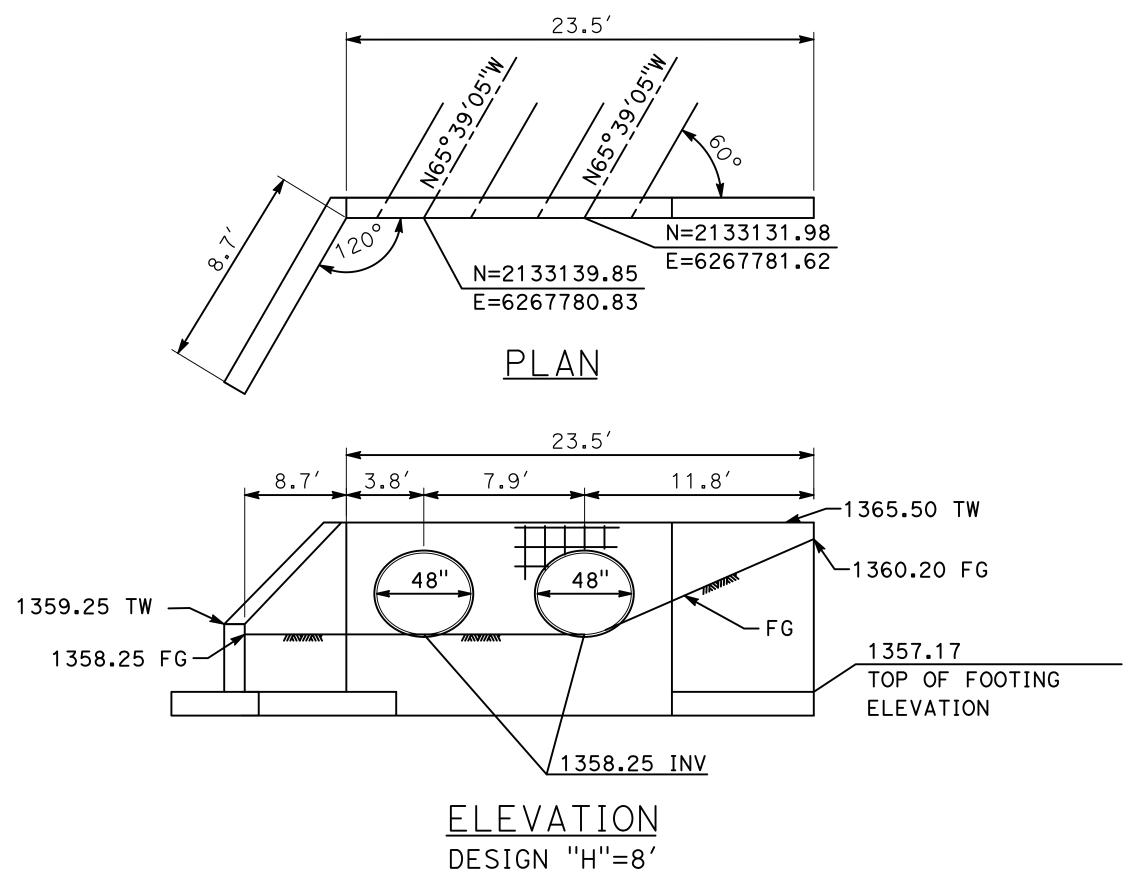
LOCATIONS 1, 2, 3, 4 & 9

NOTE: NUMBER OF PIPES VARIES BETWEEN 1 AND 3 DEPENDING ON LOCATION.

## <u>TRENCH DETAIL</u> NTS

LOCATIONS 6, 8, > 4 & 12

NOTE: NUMBER OF PIPES VARIES BETWEEN 1 AND 3 DEPENDING ON LOCATION.



## LOCATION 1

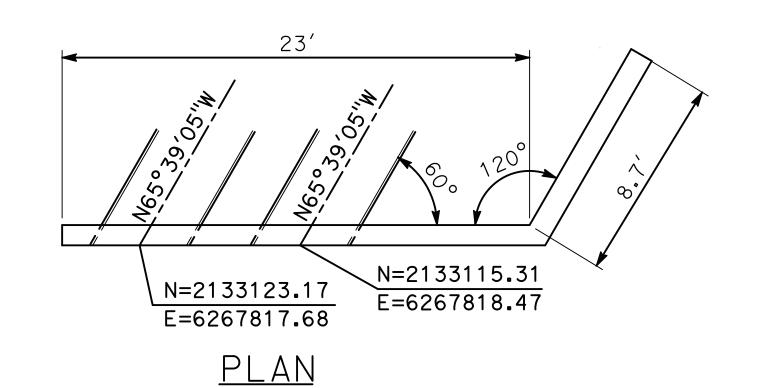
WEST HEADWALL/WINGWALL PLAN/ELEVATION (NTS)

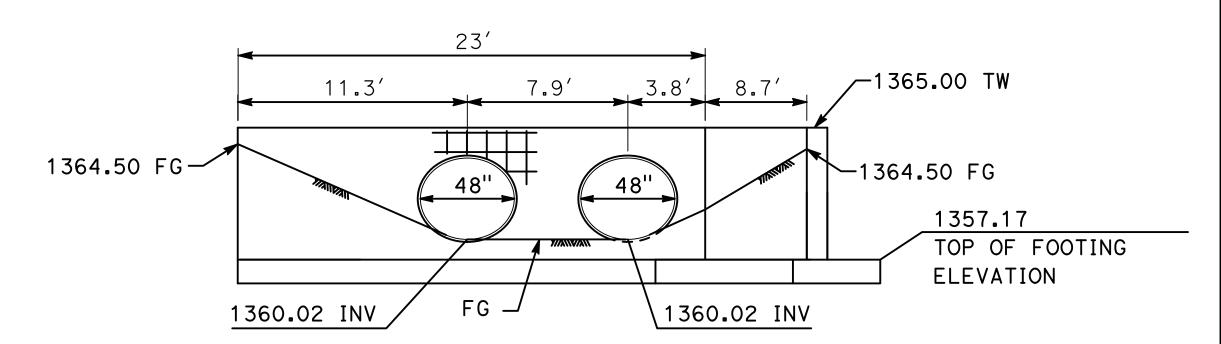
LOOKING UPSTREAM CALTRANS STD PLAN D90

# TYPICAL TRENCH DETAIL

## LOCATIONS 5, 7 & >Q

NOTE: NUMBER OF PIPES VARIES BETWEEN 1 AND 3 DEPENDING ON LOCATION.





ELEVATION DESIGN "H"=8'

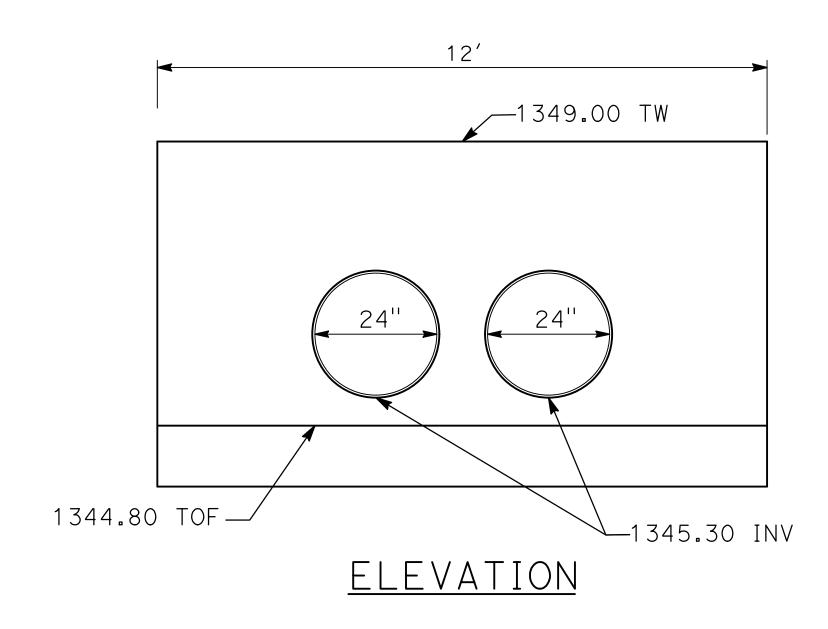
## **LOCATION 1**

## EAST HEADWALL/WINGWALL PLAN/ELEVATION (NTS)

LOOKING UPSTREAM CALTRANS STD PLAN D90

	PREPARED BY	LAYOUT PLAN	SHEET No.
CHRISTO  4557  OF OF		DE LUZ ROAD  DE LUZ CULVERT REPLACEMENT  CONSTRUCTION DETAILS	<b>C-1</b> sheet 8 of 13

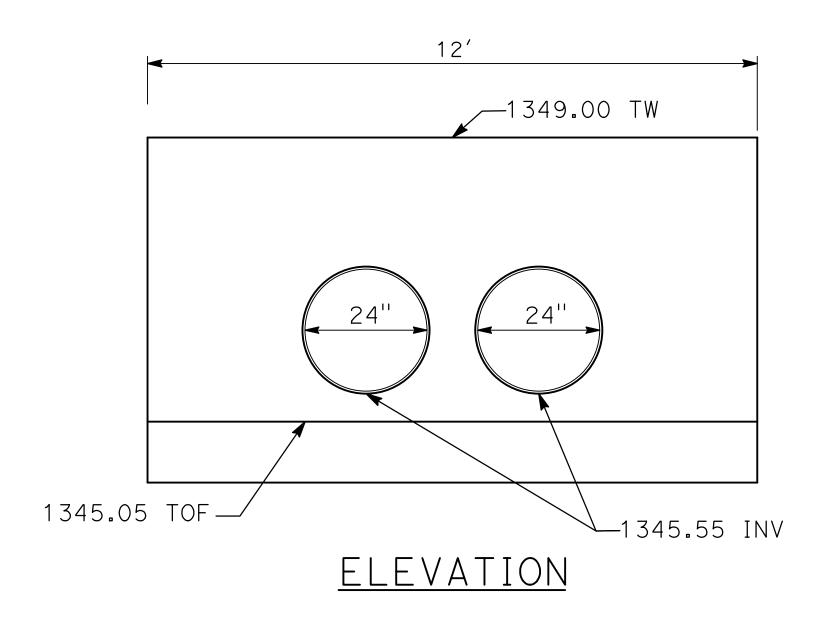
USERNAME => \$USER DGN FILE => \$REQUEST WO DO-0057 COUNTY FILE No. 973-L



LOCATION 4 - NORTH

STRAIGHT HEADWALL

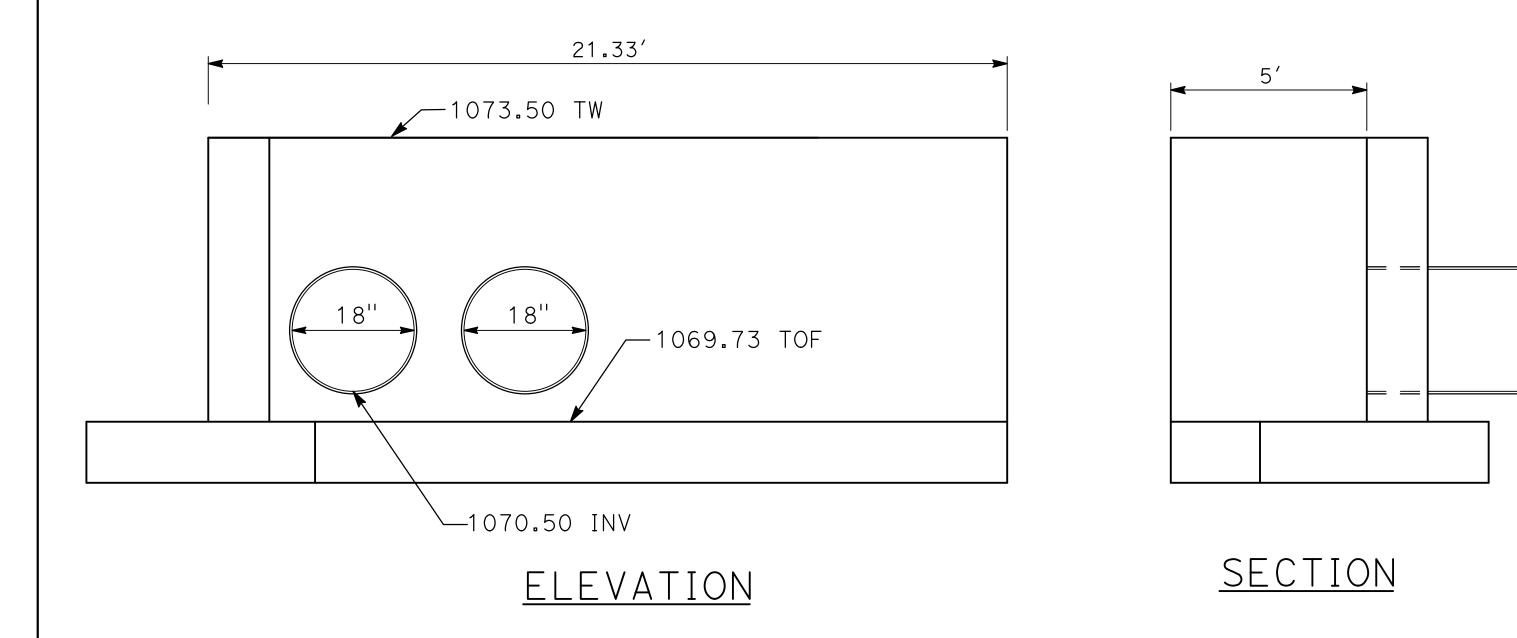
CALTRANS REVISED STD PLAN D89B

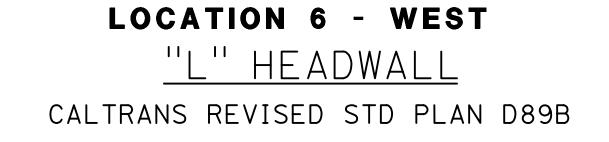


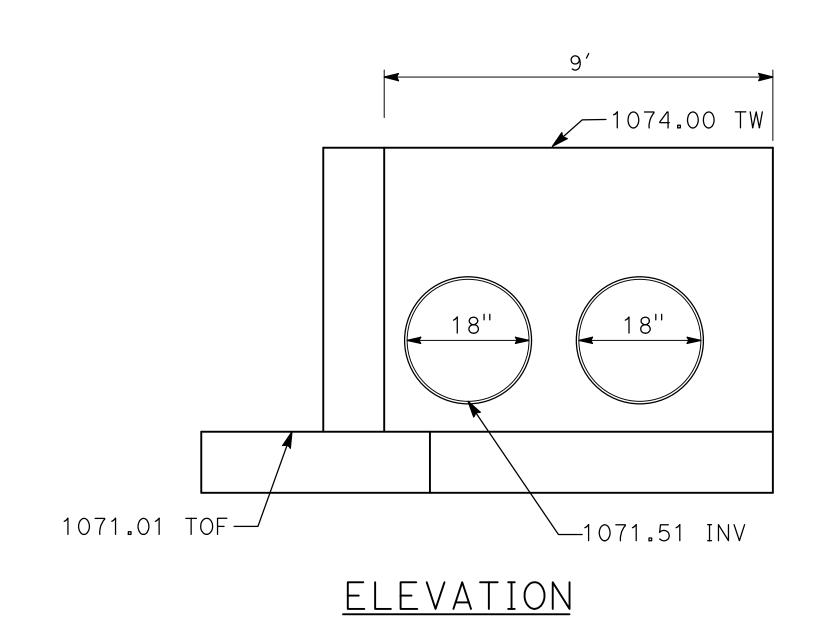
LOCATION 4 - SOUTH

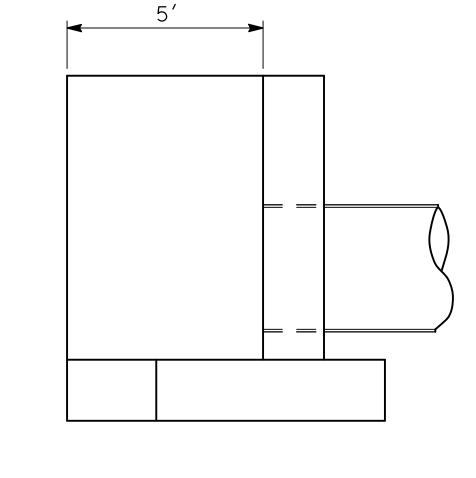
STRAIGHT HEADWALL

CALTRANS REVISED STD PLAN D89B









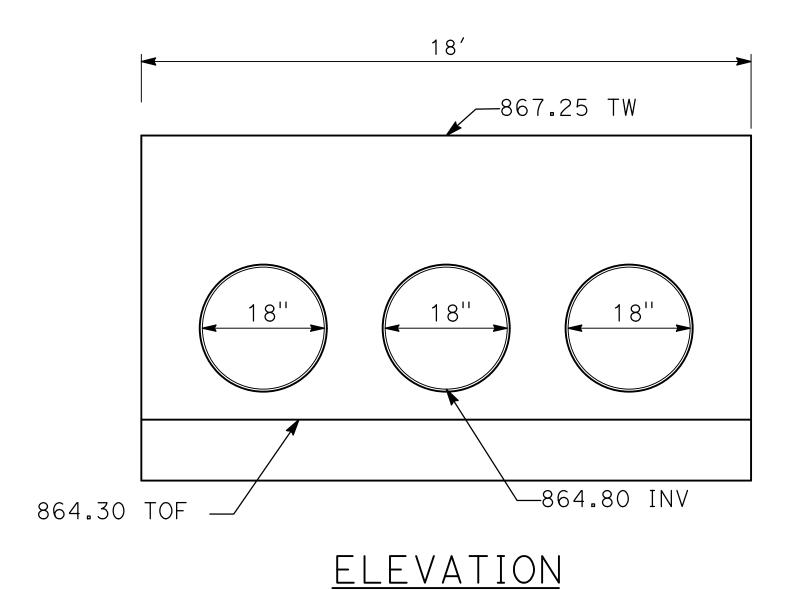
LOCATION 6 - EAST

SECTION

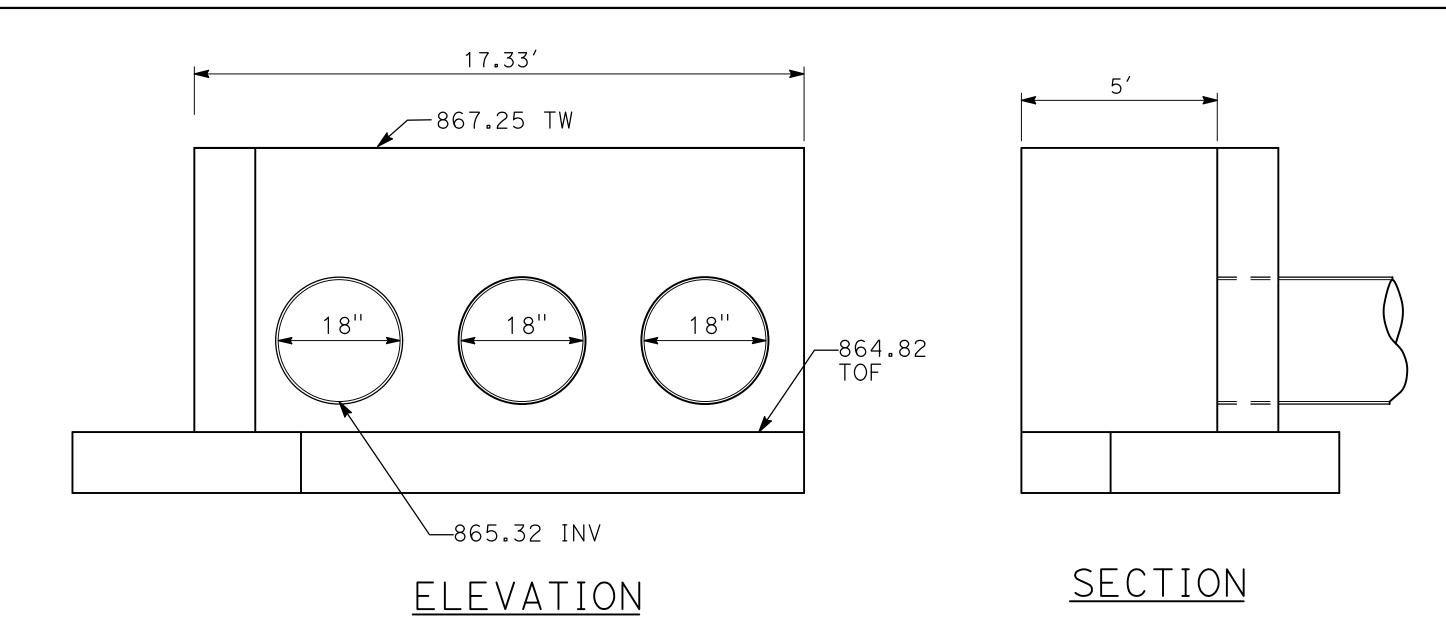
"L" HEADWALL

CALTRANS REVISED STD PLAN D89B

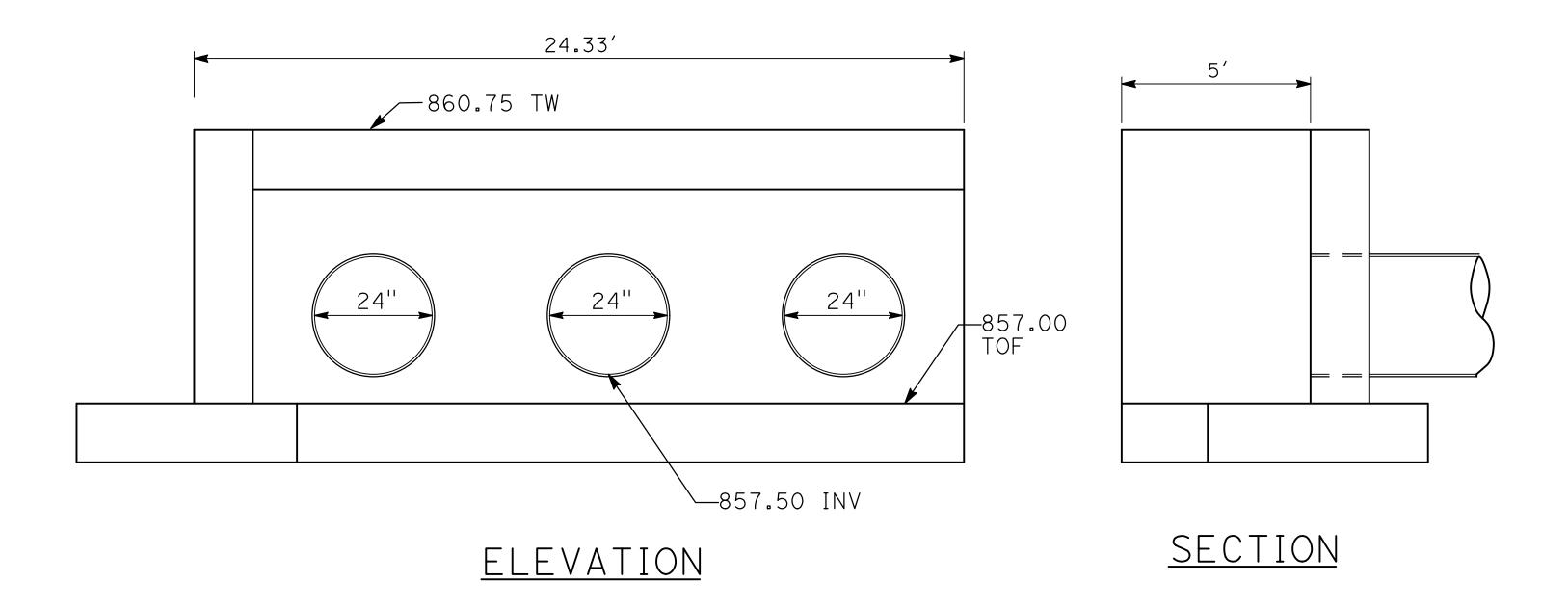
PREPARED BY	LAYOUT PLAN	SHEET NO
CHARLES CHRISTOPLIS  CHARLES CHRISTOPLIS  CHARLES CHRISTOPLIS  SENIOR HIGHWAY PROJECT MANAGER	DE LUZ ROAD  DE LUZ CULVERT REPLACEMENT	C-2
HDR HIGHWAY PROJECT MANAGER	CONSTRUCTION DETAILS	SHEET 9 OF 13



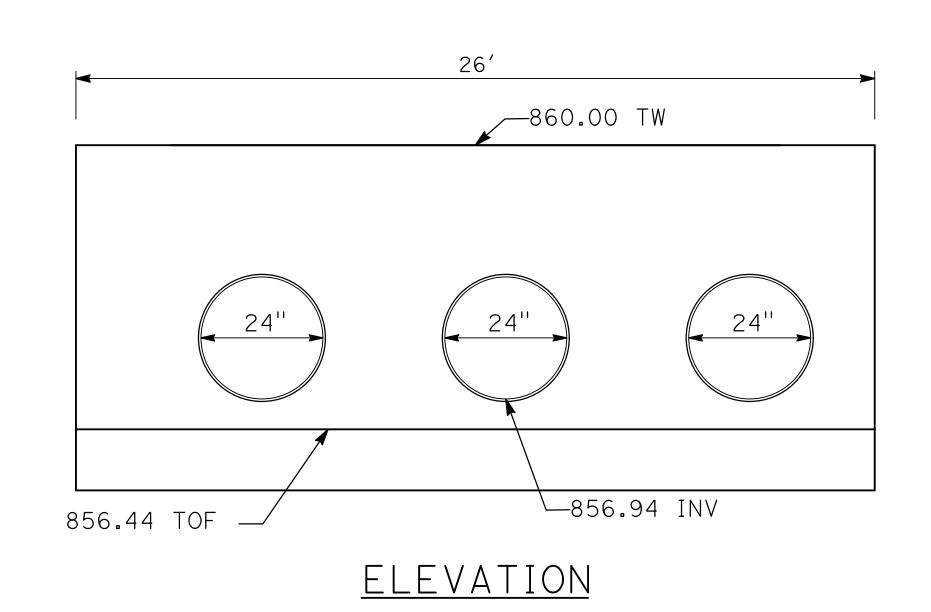
LOCATION 7 - WEST STRAIGHT HEADWALL CALTRANS REVISED STD PLAN D89B



LOCATION 7 - EAST <u>"L" HEADWALL</u> CALTRANS REVISED STD PLAN D89B

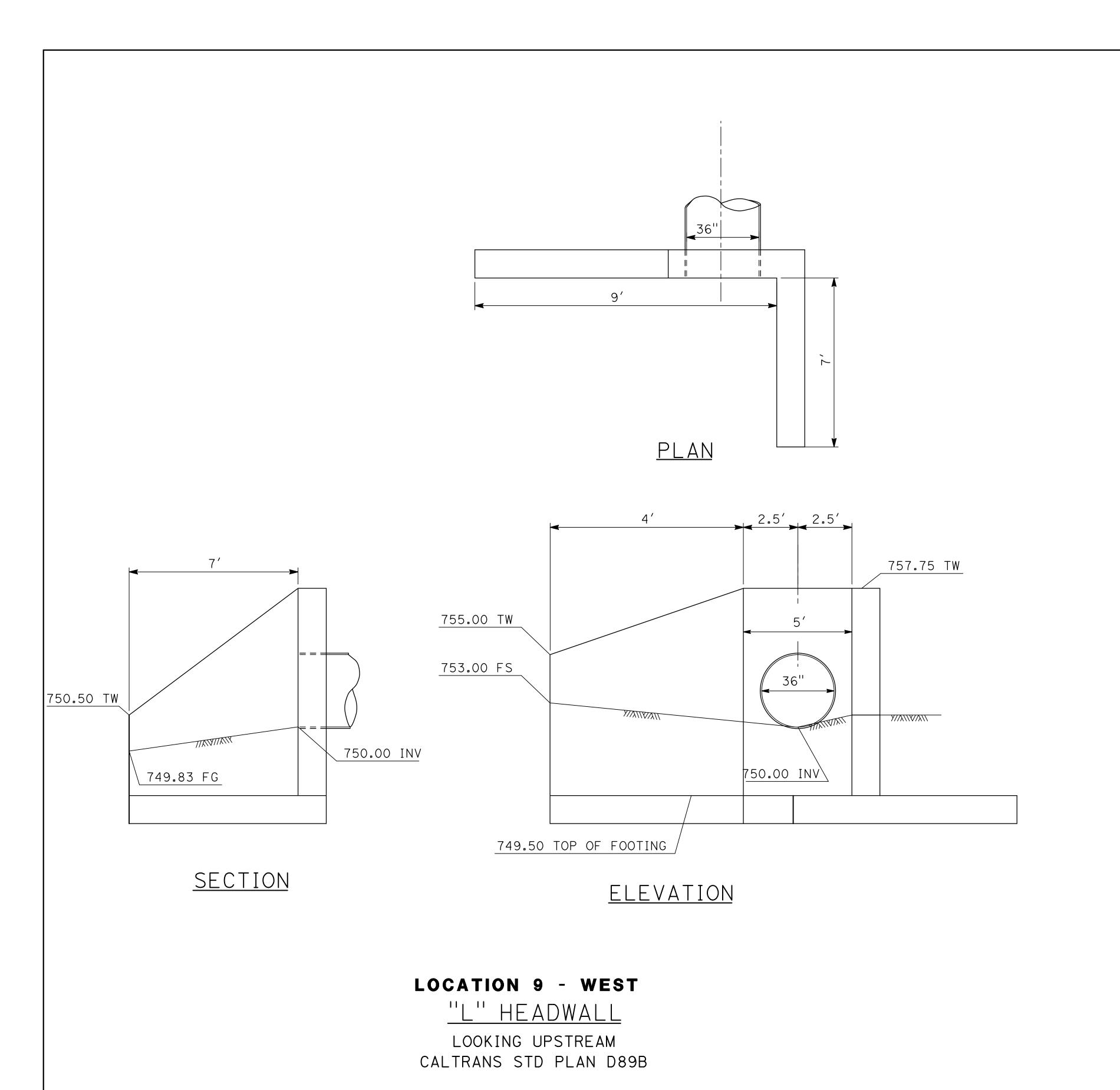


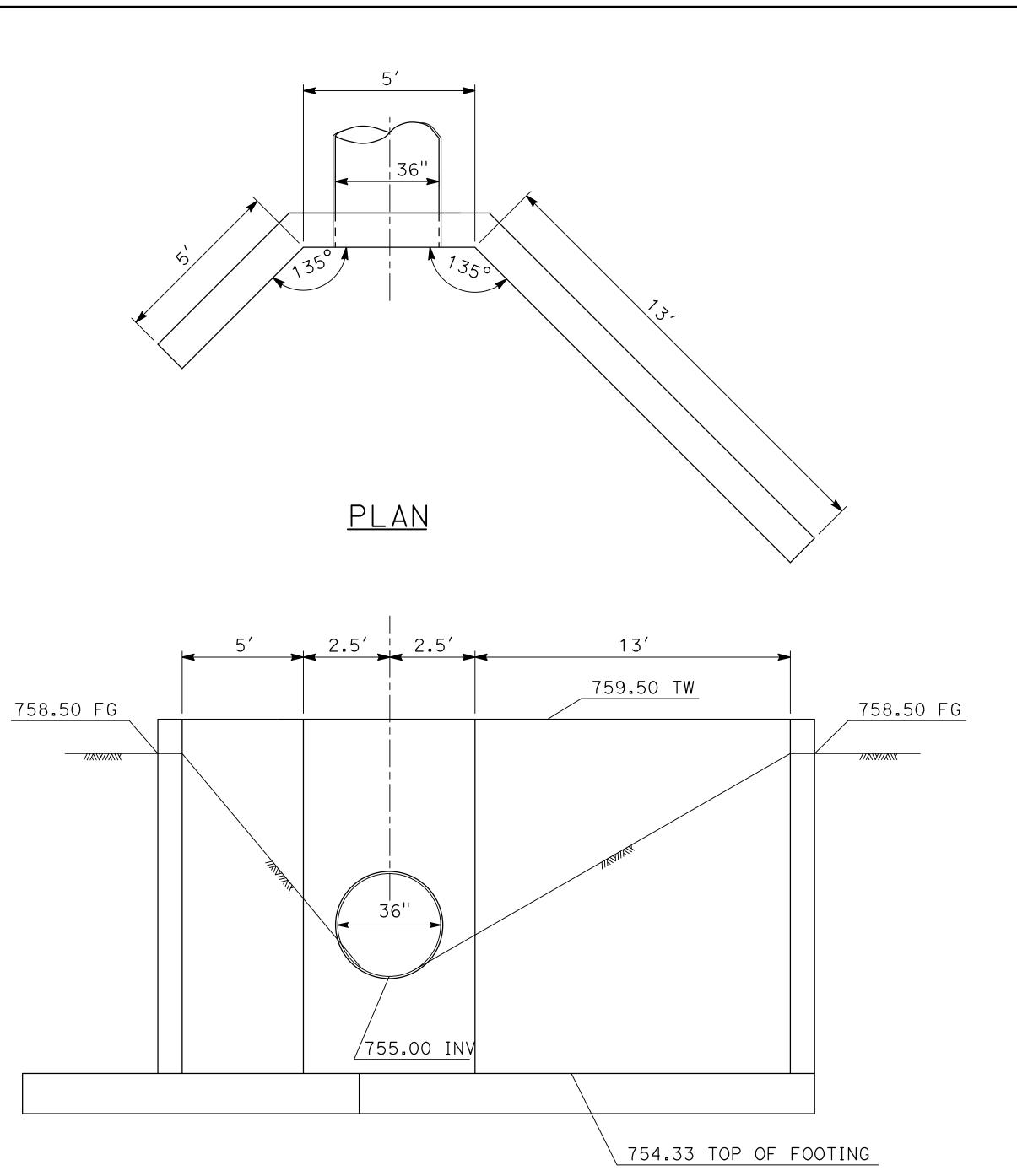
LOCATION 8 - NORTH "L" HEADWALL CALTRANS REVISED STD PLAN D89B



LOCATION 8 - SOUTH STRAIGHT HEADWALL CALTRANS REVISED STD PLAN D89B

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PREPARED BY	LAYOUT PLAN	SHEET No.	
PREPARED UNDER THE SUPERVISION OF:	DE LUZ ROAD		DAT
CHARLES CHRISTOPLIS  11/15/2023	DE LUZ CULVERT REPLACEMENT	<b>C-3</b>	NOISION -00
CHARLES CHRISTOPLIS  SENIOR HIGHWAY PROJECT MANAGER  HDR	CONSTRUCTION DETAILS	SHEET 10 of 13	1 LAST REV





LOCATION 9 - EAST WINGWALL

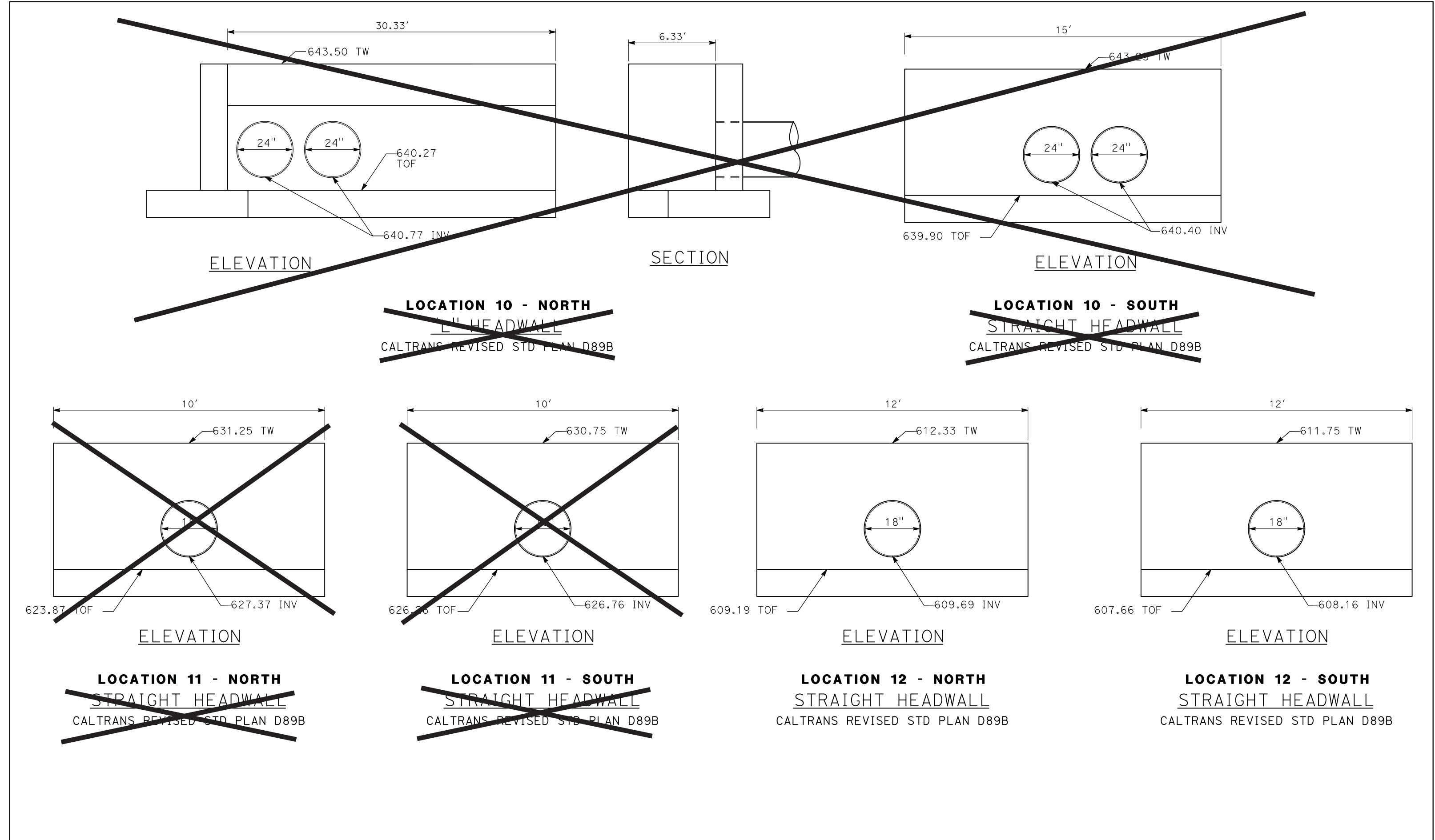
ELEVATION

LOOKING UPSTREAM CALTRANS STD PLAN D89B

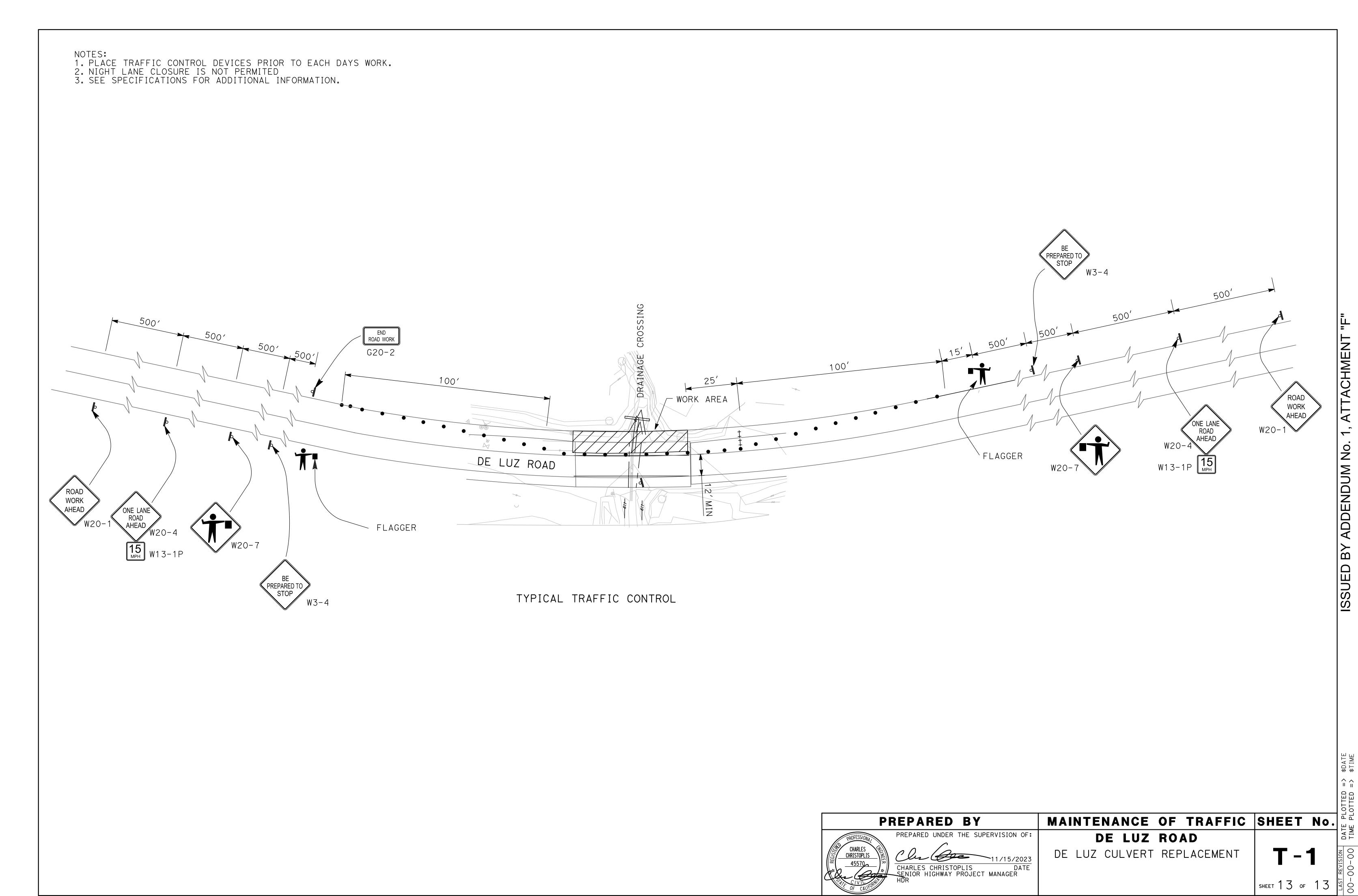
USERNAME => \$USER DGN FILE => \$REQUEST

PREPARED BY	LAYOUT PLAN	SHEET	No.
PREPARED UNDER THE SUPERVISION O	DE LUZ ROAD		
CHARLES CHRISTOPLIS 45570  CHARLES CHRISTOPLIS  11/15/202	DE LUZ CULVERT REPLACEMENT	<b>C</b> -	4
CHARLES CHRISTOPLIS DATE SENIOR HIGHWAY PROJECT MANAGER HDR	CONSTRUCTION DETAILS	SHEET 11 OF	1 7 l

OF CALIFORN



SHEET 12 OF 13





## **COUNTY OF RIVERSIDE**

## TRANSPORTATION AND LAND MANAGEMENT AGENCY

### Hector D. Davila, P.E. Deputy for Transportation/ Capital Projects

Russell Williams
Deputy for Transportation/
Planning and Development

## **Transportation Department**

#### **ADDENDUM NUMBER 2**

Dated October 10, 2024

to the Specifications and Contract Documents for the construction of

Pauba Road Widening Via Del Monte to Calle Contento Community of Rancho California Project No. C9-0063; and De Luz Road

Culvert Replacement at Ten Locations Along De Luz Road
Between Calle Capistrano and 2,380 Feet South of Buena Loma Road
Community of Santa Rosa
Project No. D0-0057

Bids Due: (Revised)

Wednesday, October 30, 2024; 2:00 p.m.

14<sup>th</sup> Street Transportation Annex 3525 14<sup>th</sup> Street; Riverside, CA 92501

(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Bid (Proposal). Bidders are directed to sign this addendum as acknowledged and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

https://trans.rctlma.org/notices-inviting-bids

### **MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:**

Item 1: The new designated date and time for the receipt and opening of bids is revised as follows:

Wednesday, October 30, 2024; 2:00 p.m. 14<sup>th</sup> Street Transportation Annex 3525 14<sup>th</sup> Street; Riverside, CA 92501 (951) 955-6780

	11	1			
Prepared by:	- feel 6	( fimeny)	Dat	te: <u>10/10/202</u>	4
	Joel Jimenez, F	Project Manager, Co	ntracts/Bidding Unit	it	
Acknowledge	<b>d</b> :(Contrac	etor)	Date	e:	



## **COUNTY OF RIVERSIDE**

## TRANSPORTATION AND LAND MANAGEMENT AGENCY

### Deputy for Transportation/ Capital Projects

Hector D. Davila, P.E.

Russell Williams
Deputy for Transportation/
Planning and Development

## **Transportation Department**

#### **ADDENDUM NUMBER 3**

Dated October 25, 2024

to the Specifications and Contract Documents for the construction of

Pauba Road Widening Via Del Monte to Calle Contento Community of Rancho California Project No. C9-0063; and De Luz Road

Culvert Replacement at Ten Locations Along De Luz Road
Between Calle Capistrano and 2,380 Feet South of Buena Loma Road
Community of Santa Rosa
Project No. D0-0057

Bids Due: (Revised)

Wednesday, November 13, 2024; 2:00 p.m.

14<sup>th</sup> Street Transportation Annex 3525 14<sup>th</sup> Street; Riverside, CA 92501

(951) 955-6780

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### **MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:**

Item 1: The new designated date and time for the receipt and opening of bids is revised as follows:

Wednesday, November 13, 2024; 2:00 p.m. 14<sup>th</sup> Street Transportation Annex 3525 14<sup>th</sup> Street; Riverside, CA 92501 (951) 955-6780

Prepared by:	Date:10/25/2024
For Joel Jimenez, Project Manager,	Contracts/Bidding Unit
Acknowledged:	Date:
(Contractor)	



## **COUNTY OF RIVERSIDE**

## TRANSPORTATION AND LAND MANAGEMENT AGENCY

### Deputy for Transportation/ Capital Projects Russell Williams

Hector D. Davila, P.E.

Russell Williams
Deputy for Transportation/
Planning and Development

## **Transportation Department**

#### **ADDENDUM NUMBER 4**

Dated November 7, 2024

to the Specifications and Contract Documents for the construction of

Pauba Road Widening
Via Del Monte to Calle Contento
Community of Rancho California
Project No. C9-0063; and

De Luz Road

Culvert Replacement at Ten Locations Along De Luz Road
Between Calle Capistrano and 2,380 Feet South of Buena Loma Road
Community of Santa Rosa
Project No. D0-0057

Bids Due: (Revised)

Wednesday, December 4, 2024; 2:00 p.m.

14<sup>th</sup> Street Transportation Annex 3525 14<sup>th</sup> Street; Riverside, CA 92501

(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Bid (Proposal). Bidders are directed to sign this addendum as acknowledged and attach the signed addendum to the contractor's submitted proposal.

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https://trans.rctlma.org/notices-inviting-bids

### **MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:**

Item 1: The new designated date and time for the receipt and opening of bids is revised as follows:

Wednesday, December 4, 2024; 2:00 p.m. 14<sup>th</sup> Street Transportation Annex 3525 14<sup>th</sup> Street; Riverside, CA 92501 (951) 955-6780

Prepared by:	Joel Jimenez, Project Manager, C		November 7, 2024
		ŭ	
Acknowledged	l:	Date: _	
	(Contractor)		



Director of Transportation

## **COUNTY OF RIVERSIDE**

## TRANSPORTATION AND LAND MANAGEMENT AGENCY

## **Transportation Department**

Hector D. Davila, P.E.
Deputy for Transportation/
Capital Projects

Russell Williams
Deputy for Transportation/
Planning and Development

#### **ADDENDUM NUMBER 5**

Dated November 27, 2024

to the Specifications and Contract Documents for the construction of

Pauba Road Widening
Via Del Monte to Calle Contento
Community of Rancho California
Project No. C9-0063; and

De Luz Road
Culvert Replacement at
Ten Locations Along De Luz Road
Between Calle Capistrano and 2,380 Feet South of Buena Loma Road
Community of Santa Rosa
Project No. D0-0057

Bids Due: (Revised)

Wednesday, December 18, 2024; 2:00 p.m.

14<sup>th</sup> Street Transportation Annex 3525 14<sup>th</sup> Street; Riverside, CA 92501

(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Bid (Proposal). Bidders are directed to sign this addendum as acknowledged and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

https://trans.rctlma.org/notices-inviting-bids

#### **MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:**

**Item 1:** The new designated date and time for the receipt and opening of bids is revised as follows:

Wednesday, December 18, 2024; 2:00 p.m. 14<sup>th</sup> Street Transportation Annex 3525 14<sup>th</sup> Street; Riverside, CA 92501 (951) 955-6780

Pauba Road Widening

Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and

De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057

November 27, 2024

Page 2 of 5

### Item 2: Obstructions - Weight Restriction

Refer to Section 00-1.13, Obstructions, on pages 6 through 9 of the Special Provisions.

• Delete the Weight Restriction paragraph found on page 7, and replace it with the following paragraph:

#### Weight Restriction:

Contractor shall observe and comply with avoidance of using any equipment and machinery that exceeds 40,000 lbs. per axle during the construction.

#### Item 3: Supplemental Information

Refer to Supplemental Project Information table incorporated by Addendum No. 1, Item 9.

The Department makes the following additional supplemental project information available:

- Geotechnical Evaluation, Dated September 24, 2021 for Pauba Road Widening Project.
- Revised Supplemental Pavement Design Recommendations, Dated October 10, 2024, for Pauba Road Widening Project.

Supplemental Project Information is available at County of Riverside website during advertisement period:

https://trans.rctlma.org/notices-inviting-bids

### Item 4: Split Face Masonry Block and Concrete Stain - Color

Refer to Section 47-4, Retaining Wall, on pages 52 and 53 of the Special Provisions. The following special provisions are added to Section 47-4 and made a part hereby:

The color of split face masonry blocks (CMU – Concrete Masonry Units) used in Retaining Wall Type 6 (Modified) construction must be tan.

The stain required for Retaining Wall Type 1 (Modified) must be a water-based stain.

The stain color must match color No. 33522 (Tan) of AMS-STD-595.

Stain the concrete surfaces such that they closely resemble the color of the split face masonry blocks used in Retaining Wall Type 6 (Modified).

#### Item 5: Retaining Wall – Anti Graffiti Coat and Reinforcing Steel

Refer to Section 47-4, Retaining Wall, on pages 52 and 54 of the Special Provisions. The following special provisions are added to Section 47-4 and made a part hereby:

#### Anti-Graffiti Coat

All exposed retaining walls surfaces shall have anti-graffiti coating applied in conformance with Section 78-4.06, Anti-Graffiti Coating, of the Standard Specifications.

Full compensation for furnishing and applying anti-graffiti coat on exposed surfaces of retaining walls shall be considered as included in the contract price paid per square foot for Retaining Wall (Masonry Wall); and per cubic yard for Structural Concrete, Retaining Wall, and no additional compensation will be allowed therefor.

#### Retaining Walls Reinforcing Steel

Full compensation for placing reinforcing steel for Retaining Wall Type 6 (Modified) shall be considered as included in the contract price paid per square foot for Retaining Wall (Masonry Wall); and shall include compensation for furnishing all labor, materials, tools, equipment, and incidentals,

Pauba Road Widening

Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and

De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057

November 27, 2024

Page 3 of 5

and for doing all the work involved, as shown on the plans, and as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer and no additional compensation will be allowed therefor.

Full compensation for placing reinforcing steel for Retaining Wall Type 1 (Modified) shall be considered as included in the contract price paid per pound for Bar Reinforcing Steel (Retaining Wall); and shall include compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved, as shown on the plans, and as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer and no additional compensation will be allowed therefor.

#### Item 6: Minor Structures - Anti-Graffiti Coat

Refer to Section 51-7, Minor Structures, on pages 53 and 53 of the Special Provisions. The following special provisions are added to Section 51-7 and made a part hereby:

Full compensation for furnishing and applying anti-graffiti coat on exposed surfaces of minor structures shall be considered as included in the contract price paid per square foot for Retaining Wall (Masonry Wall); and per linear foot for Gravity Wall, and per cubic yard for Concrete Apron, Structural Concrete, Box, and Structural Concrete Headwall, and no additional compensation will be allowed therefor.

### Item 7: Clarification - Bar Reinforcing Steel (Retaining Wall)

Refer to Bid Item No. 23, Bar Reinforcing Steel (Retaining Wall), and Section 52, Reinforcement, on page 55 of the Special Provisions.

Bid Item No. 23, Bar Reinforcing Steel (Retaining Wall), is for the construction of Bid Item No. 19, Structural Concrete, Retaining Wall, only.

Compensation for reinforcing steel used in Retaining Wall (Masonry Wall), Gravity Wall, Box Culvert, Headwall, and any other concrete structure that requires reinforcing steel, shall be considered as included in various contract prices paid for such concrete items of work.

#### Item 8: Project Information; Contractors Questions and Responses

Contractors Questions and Responses information list is available as a free download at the following County website:

https://trans.rctlma.org/notices-inviting-bids

This (downloadable) file is provided for reference only. For any discrepancy written on the Questions and Responses, the Contractor shall conform to the contract documents.

The Contractors Questions and Responses are included with Addendum No. 5 as Attachment "B".

Pauba Road Widening

Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and

De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057

November 27, 2024

Page 4 of 5

#### **MODIFICATIONS / CLARIFICATIONS TO THE PLANS**

#### Item 9: Plan sheet revisions - Pauba Road Widening

Refer to plan sheets for Pauba Road Widening Project. The following plan sheets are revised and issued as **Attachment "A"**. Delete and replace the following two (2) plan sheets from the set:

Partial summary note of changes: The following is a summary of plan sheet revision notes.

- 1. Sheet 1 of 59, T-1; Revised Title Sheet to add City of Temecula signature box.
- 2. Sheet 55 of 59, PD-1; Revised to update striping notes and add continental crosswalk detail.

**Note:** Revised plan sheet(s) is (are) posted on the County website and available for download during the advertisement period.

https://trans.rctlma.org/notices-inviting-bids

### Item 10: Gravity Retaining Wall - Over Excavation Limits

Refer to plans sheet R7 (40 of 59) of the Pauba Road Widening Project.

Over Excavation limit behind the heel of the Gravity Retaining Wall may be reduced to 1-foot if the native material (at the gravity retaining wall location) is evaluated in the field to confirm its suitability for construction of this wall.

#### Item 11: Rip Rap Class at Culverts Outlets on Sheets D-5 and D-6

Refer to plan sheets D-5 and D-6 (45 and 46 of 59) of the Pauba Road Widening Project.

On Sheets D-5 and D-6, delete "No. 2 Backing" text from the Rip Rap Class callout notes found at the drainage culverts outlets, and replace it with "Class II, 60 lb".

The Rip Rap Class at these two drainage culverts outlets shall be Class II, 60 lb. Compensation for Class II, 60 lb Rip Rap shall be considered as included in bid item No. 37, ROCK SLOPE PROTECTION (60 lb, Class II, METHOD B).

#### **ATTACHMENTS**

A – Revised Plans (2 sheets)

**B – Contractors Questions and Responses (6 pages)** 

Pauba Road Widening

Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and

De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057

November 27, 2024

Page 5 of 5

This addendum has been prepared under the direction of the following registered Civil Engineer(s):

Alfredo Martinez, PE
Engineering Project Manager

CIVIL

OF CALIFORN

#### Concurrence:

Cesar Tolentino, PE

**Engineering Division Manager** 

Acknowledged:		Date:	
	(Contractor)		

JRJ:jrj:rr

Note: Refer to Instruction to Bidders Item No. 8, "Addenda". Submission of all addendum pages and non-bidding document attachments of addendum are not necessary for Bid submittal. Submittal of this acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received on the first page of the Bid form (Proposal).

FOUND 3-1/4" ALUM. DISC STAMPED "WETROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA SD6-11 1992", IN TOP OF 8 INCH DIA. CONCRETE POST, DOWN 2' IN DIRT, 6.5' NORTHERNLY OF PP# 1991305E, PER NGS DATA SHEET DX5500 (P.I.D.). THE ORTHOMETRIC HEIGHT WAS DETERMINED BY DIFFERENTIAL LEVELLING AND ADJUSTED BY THE NATIONAL GEODETIC SURVEY IN JANUARY 1993.

## BASIS OF BEARING

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM OF 1983, CCS83, ZONE 6, (EPOCH 2010.00) IN ACCORDANCE WITH THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819.

BASED LOCALLY ON CONTROL STATIONS:

NGS PID: "P477", CSRC SITE CODE: "TEMECULA" NGS PID: "BILL", CSRC SITE CODE: "TEMECULA" NGS PID: "P476", CSRC SITE CODE: "TEMECULA" NGS PID: "P479", CSRC SITE CODE: "AGUANGA"

NAD 83 (NSRS 2011) EPOCH 2011 AS SHOWN HEREON. ALL BEARINGS AND DISTANCES SHOWN ON THIS MAP ARE GRID. QUOTED BEARINGS AND DISTANCES FROM REFERENCE MAPS OR DEEDS ARE AS SHOWN PER THAT RECORD REFERENCE. ALL DISTANCES SHOWN ARE GROUND DISTANCES UNLESS SPECIFIED OTHERWISE. GRID DISTANCES, MAY BE OBTAINED BY MULTIPLYING THE GROUND DISTANCE BY A COMBINATION FACTOR OF; 1.000097876. CALCULATIONS ARE MADE AT; TRAV PT. HVP 6 WITH COORDINATES OF: N: 2131147.245, E: 6309009.575, USING AN ELEVATION OF 1295.24. COVERGENCE ANGLE: -00°27'19.81808"

REVIEWS OF PROJECT PLANS AND SPECIFICATIONS BY THE COUNTY OF RIVERSIDE IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE THE ENGINEER IN RESPONSIBLE CHARGE (AS DEFINED BY SECTION 6703 OF THE BUSINESS AND PROFESSIONAL CODE) OF THEIR RESPONSIBILITIES TO COMPLY WITH APPLICABLE STANDARDS FOR THE PROJECT DESIGN.

THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT, (800) 227-2600, AND ALL CONCERNED UTILITY COMPANIES AT LEAST TWO WORKING DAYS IN ADVANCE OF EXCAVATION.

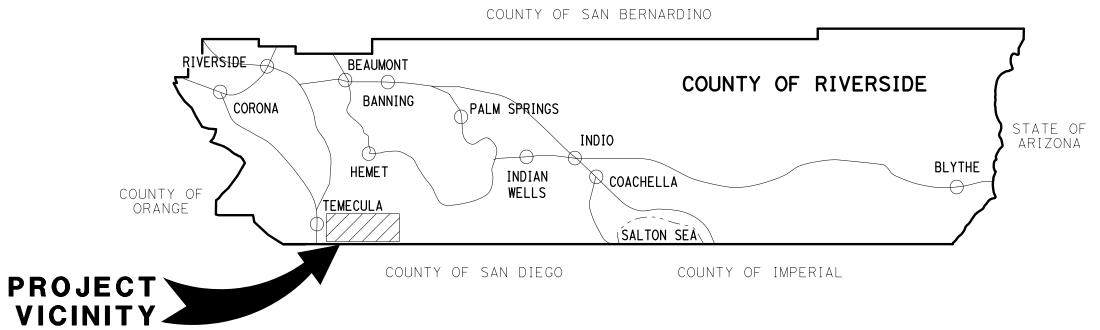
## COUNTY OF RIVERSIDE

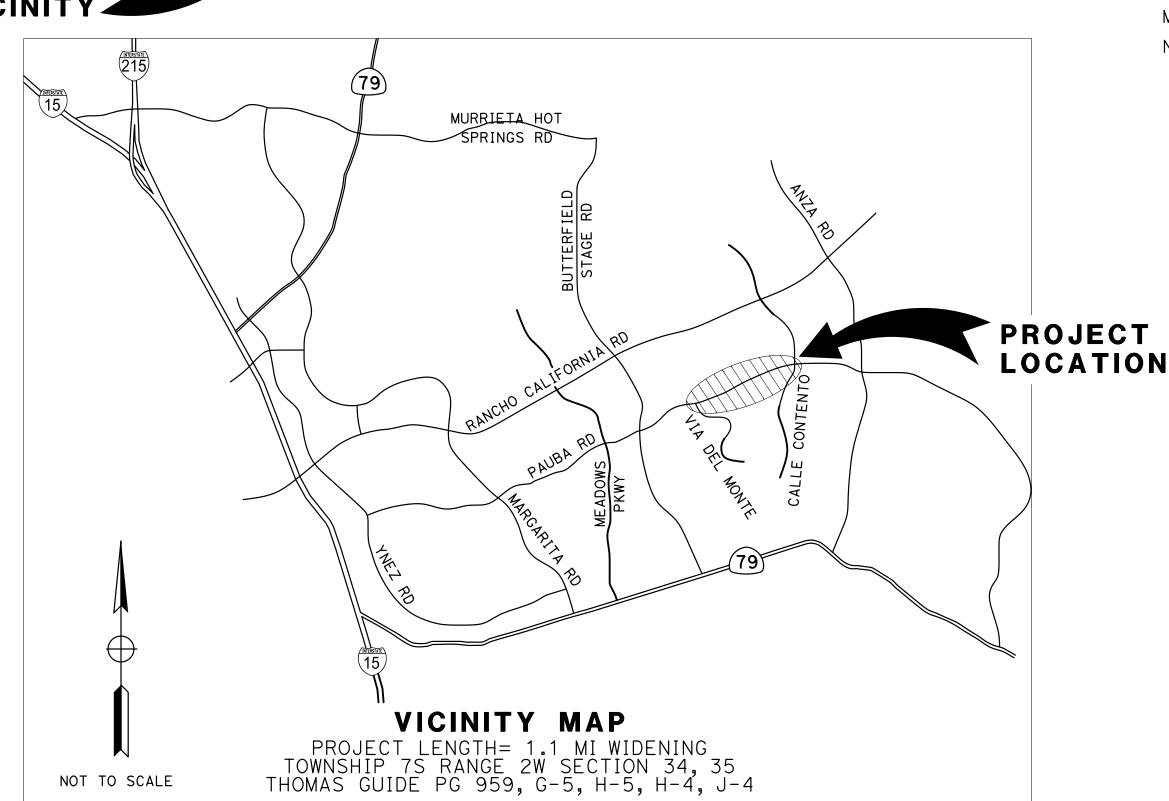
## TRANSPORTATION DEPARTMENT

## PAUBA ROAD

## WIDENING: FROM VIA DEL MONTE TO CALLE CONTENTO

IN THE COMMUNITY OF RANCHO CALIFORNIA PROJECT NO. C9-0063





## **ABBREVIATIONS**

AP	ANGLE POINT	OD	OVERSIDE DRAIN
ASSY	ASSEMBLY	OG	ORIGINAL GROUND
AVAR	AIR VACUUM AIR RELEASE	PE	POLYETHYLENE
BF	BACKFLOW	PEC	PERMIT TO ENTER AND CONSTRUCT
Ĺ	CENTERLINE	PG	PROFILE GRADE
CLR	CLEAR	RCFC	RIVERSIDE COUNTY FLOOD
CML&C	CEMENT MORTAR LINED AND		CONTROL AND WATER
	COATED		CONSERVATION DISTRICT
CMP	CORRUGATED METAL PIPE	RCWD	RANCHO CALIFORNIA WATER
CMPA	CORRUGATED METAL PIPE ARCH		DISTRICT
CP	CATHODIC PROTECTION	REL	RELEASE
DR	DECORATIVE ROCKS	R/W	RIGHT OF WAY
ESMT	EASEMENT	RT	RIGHT
ΞP	EDGE OF PAVEMENT	S	SOUTH
ELEC	ELECTRICAL LINE	SCE	SOUTHERN CALIFORNIA EDISON
- G	FINISHED GROUND	SCG	SOUTHERN CALIFORNIA GAS
GB	GRADE BREAK	STL	STEEL
HDWL	HEADWALL	SPPWC	STANDARD PLANS FOR PUBLIC
ΗI	HIGH		WORKS CONSTRUCTION
HP	HINGE POINT	TEL	TELEPHONE LINE
ΙE	INVERT ELEVATION	TCE	TEMPORARY CONSTRUCTION EASEMENT
LO	LOW	TF	TOP OF FOOTING
LT	LEFT	TW	TOP OF WALL
МВ	MAILBOX	VAC	VACUUM
ME	MATCH EXISTING	WM	WATER METER
MGS	MIDWEST GUARDRAIL SYSTEM		
N	NORTH		

## INDEX OF SHEETS

SHEET No.	SET	DESCRIPTION
1	Т	TITLE SHEET
2	K	KEY MAP & NOTES
3 - 5	Χ	TYPICAL SECTIONS
6	PC	SURVEY CONTROL
7 - 18	L	LAYOUT PLAN & PROFILES
19 - 33	С	CONSTRUCTION DETAILS
34	R	RETAINING WALL 1 - GENERAL PLAN
35	R	RETAINING WALL 2 - GENERAL PLAN
36	R	RETAINING WALL 3 - GENERAL PLAN
37	R	RETAINING WALL 4 - GENERAL PLAN
38	R	WALL DETAILS 1
39	R	WALL DETAILS 2
40	R	WALL DETAILS 3
41 - 50	D	DRAINAGE PLAN & PROFILE
51 - 52	DD	DRAINAGE DETAILS
53 - 54	U	UTILITY PLANS (POTHOLE TABLE)
55 - 59	PD	PAVEMENT DELINEATION & SIGNING

FINAL SUBMITTAL

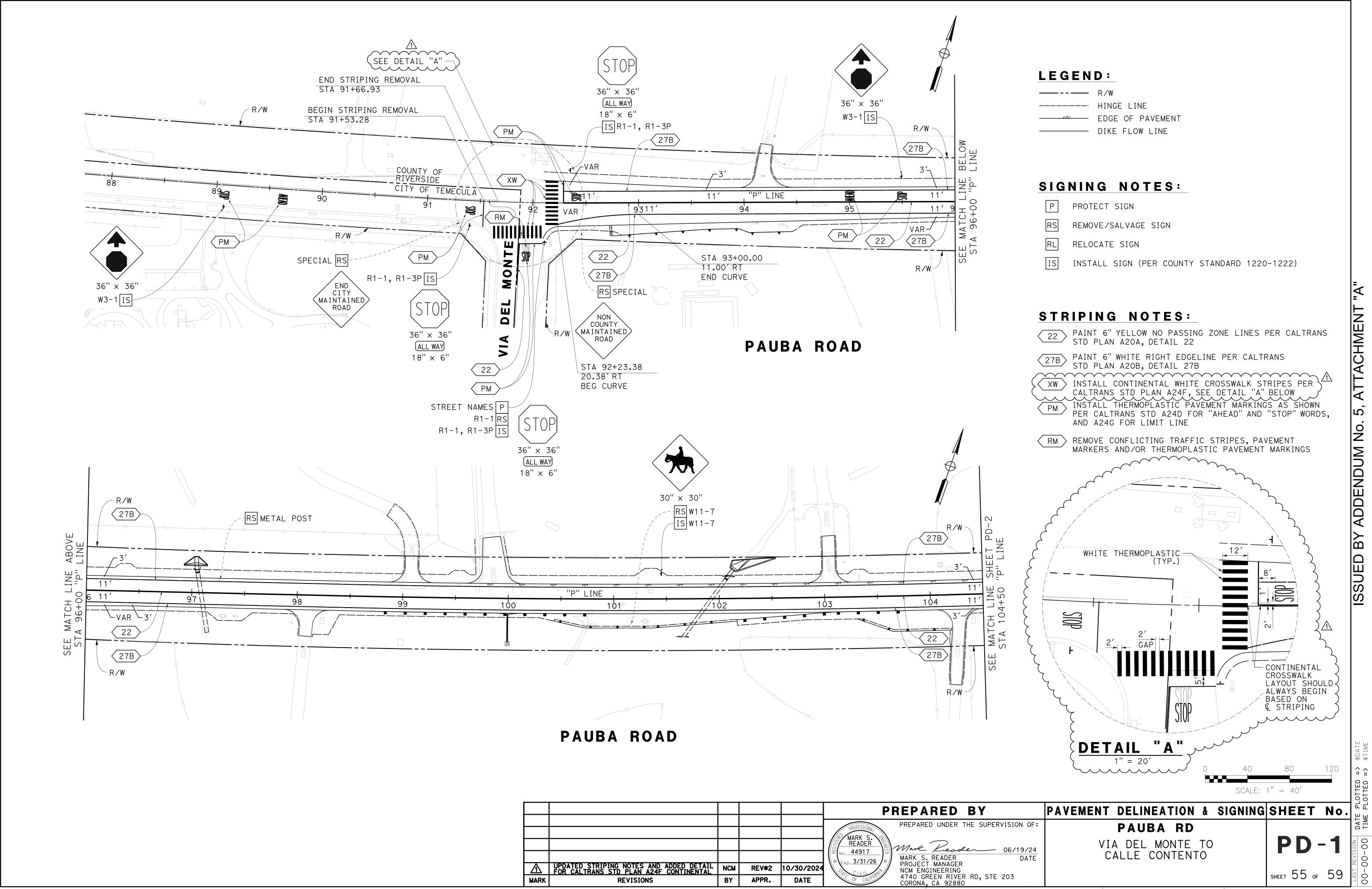
SHEET No. **CONCURRED BY COUNTY CONCURRENCE** PREPARED BY TITLE SHEET PREPARED UNDER THE SUPERVISION OF: PAUBA RD Novemo VIA DEL MONTE TO Mark Readen 06/19/24 11/26/2024 11/5/2024 CALLE CONTENTO RON MORENO, P.E.
DIRECTOR OF PUBLIC WORKS / CITY ENGINEER
CITY OF TEMECULA
R.C.E. No. 69156 MARK S. READER PROJECT MANAGER DENNIS ACUNA DIRECTOR OF TRANSPORTATION DATE p.<u>3/31/26</u> NCM ENGINEERING COUNTY OF RIVERSIDE SHEET 01 OF 59 4740 GREEN RIVER RD, STE 203 CORONA, CA 92880

BORDER LAST REVISED 07/01/2014

969-TT COUNTY FILE No.

ST DENDUM No. { WIDENING PROJEC ISSUED BY AD

5, ATTACHMENT



De Luz Road
Culvert Replacement at
Ten Locations Along De Luz Road
Between Calle Capistrano and 2,380 Feet South of Buena Loma Road
Community of Santa Rosa
Project No. D0-0057

# **ATTACHMENT "B"**

# **CONTRACTOR QUESTIONS AND RESPONSES**

The Questions and Responses information document is available on the County website at the following link during the advertisement period for this project:

https://trans.rctlma.org/notices-inviting-bids

This (downloadable) file is provided for reference only. For any discrepancy written on this Questions and Responses document, the Contractor shall conform to the contract documents.

		CONTRACTOR QUESTIONS AND RESPONSES
1	Question	Please provide CAD files so the contractor can complete accurate earthwork takeoffs.
	Response	County does not provide CAD Files during advertisement.
2	Question	Where does the reinforcement for the Gravity Wall get paid?
	Response	Refer to Special Provisions, Section 51-7.01D, Payment, that covers items included in the LF price paid for Gravity Wall, which includes the steel reinforcement.
3	Question	The existing roadway is only approximately 22 feet wide. During removal of the existing pavement, will the traffic be allowed to travel on unpaved subgrade and/or base?
	Response	Yes, traffic is allowed to be on unpaved subgrade and base prior to paving.
4	Question	What is the thickness of the existing asphalt pavement roadway and asphalt/concrete driveways to be removed?
	Response	Existing depths of driveways are unknown and likely vary throughout.
		Refer to Addendum No. 5, Geotech Report is added to bid as supplemental information which includes the depth of existing asphalt.
5	Question	For the driveway at Sta. 110+12, Construction Note 45 is shown near the southern R/W limits. The sawcut limits is shown near the edge of Pauba Rd. Please clarify if more of the concrete driveway is to be removed and replaced.
	Response	Plans are being updated to reflect agreements with individual property owners. Some owners opted to replace their own driveways and have been compensated, so County will only replace limits within R/W.
		Once ready, updated plan sheet will be issued by a forthcoming addendum.
6	Question	Will award of the project be based on the overall total of the Base Bid Schedule and Alternative Bid Schedule 1?
	Response	Yes, refer to Section 14, Alternate Bid Schedules, on page A8 of the Instructions to Bidders.
		The basis of the selection of the lowest bid will be the lowest responsive and responsible bid for the sum of all Bid Schedules.
7	Question	For the work on De Luz Road, will the contractor be allowed to set temporary traffic plates over the trench during non-working hours?
	Response	Yes, temporary traffic plates are acceptable during non-working hours to keep both lanes open.

		CONTRACTOR QUESTIONS AND RESPONSES
8	Question	On the De Luz Rd plans, Location 1 shows a CN 9 – Construct Headwall Type A per CT Std Plan D90. Std D90 says to see D3-1A, B3-1B or B3-1C for the footing dimensions. Please clarify the detail to use for these headwalls.
	Response	Please refer to C sheets of De Luz Plans for Top of Wall and Top of Footing elevations. These can be used to determine the wall height in conjunction with D3-1A.
9	Question	What are the working hours for the flagging on De Luz Rd?
	Response	Working hours are the same as Pauba Road. Daily working hours shall be between the hours of 7:00 a.m. and 6:00 p.m., Monday through Friday, except legal holidays, as approved by the Engineer. Exceptions and specific work schedules shall be submitted to the Engineer for consideration.
10	Question	Please clarify where the reinforcement for the Retaining Wall (Masonry Wall) is paid.
	Response	Bar reinforcing steel for Retaining Wall (Masonry Wall) is paid for with the Retaining Wall (Masonry Wall) Bid Item.
11	Question	Where does the structure excavation for the masonry walls get paid?
	Response	Structure Excavation (Retaining Wall) includes excavation for Masonry Retaining Wall, Structural Retaining Wall, and Gravity Wall.
12	Question	Please clarify the removal and reconstruction limits for the concrete driveway at Sta. 99+07.78 "P".
		The Detail on Sheet C-5 appears to show the limits of the new concrete ENDS at DWY Sta. 1+25, but also calls out the sawcut and match limits at DWY Sta. 1+75.60.
	Response	Limits per plan are correct; the owner is being compensated to install a new decorative driveway.
		Plans are being updated to reflect all work as agreed to with the various owners and will be issued in a future addendum.
13	Question	Per Utility Note 13, the 8" CML&C water line at Retaining Wall 4 is to be relocated per the water line plans.  Please provide the water line plans for this work and clarify where the relocation will be paid.
	Response	Water lines are still pending and will be issued in future addendum.

		CONTRACTOR QUESTIONS AND RESPONSES
14	Question	Based on the overall scope of work and coordination of the scopes, the duration of 100 working days is inadequate. Please consider increasing the duration by at least 30 working days.
	Response	County is anticipating Contractor to provide multiple crews to provide drainage improvements. The Department anticipates to add additional working days once water line relocation is incorporated into the contract by a forthcoming addendum.
15	Question	For the De Luz Rd. Culvert Replacement project, will the Contractor be allowed to work on multiple locations at the same time? If not, please provide a minimum of 20 working days for the contract based on the scope of work and having to complete each location in multiple phases.
	Response	Yes, contractor can work on multiple locations at a time.
16	Question	Please reconsider the Working Day duration for the project. Due to some of the overlap of the scope of work, the project cannot be completed in 100 working days.
	Response	The Department anticipates to add additional working days in a future addendum.
17	Question	Does the County have property within or near the De Luz Rd project to be used as a yard for the contractor?
	Response	No
18	Question	For bidding purposes, is the contractor to figure salvaging and delivering to the property owner any and all decorative rocks and/of gravel with the removal limits?
	Response	Yes, each owner will need to be contacted to see if they would like their decorative rock salvaged on their property.
19	Question	There are a number of existing improvements (pilasters, gate motors, gates, etc.) that indicate removal. However, there are no items for replacement.  Will the property owner replace improvements that indicate removal, but not replacement?
	Response	Some improvements have been paid out to owner and will not be reconstructed on this project.
		In a forthcoming addendum, updated plans will be issued to include all work the contractor will perform and exclude any work the owner will replace themselves.
20	Question	Since the majority of the PCC Driveways are only 12' wide, it will require a high early mix in order to allow the homeowners to utilize the driveways in a short amount of time. At these locations, will the contractor be allowed to work at night?
	Response	Night work will not be allowed.

		CONTRACTOR QUESTIONS AND RESPONSES
21	Question	On the De Luz Rd project, please identify the trees, plants, rock, etc. to be cleared at each location.
	Response	Refer to Instructions to Bidders, Section 1, Inspection of Site, on page A1; and General Conditions, Section 23, Site Inspection, on page GC24 of the Specs Book.
		Contractor should conduct a field review of each location for their Clearing and Grubbing estimate.
22	Question	For Locations 1, 2, 3, 4 & 9 on De Luz Rd., where does the grind and overlay at the edge of the trench get paid?
	Response	Refer to Addendum No. 1, item 18, regarding the added special provision for Roadway Excavation on De Luz Road. A 4-feet grind on either side of the pipe is included in the cost of Roadway Excavation.
23	Question	Reference D-5 and D-6 drainage lines. The outlets call for No. 2 Backing Rip Rap. Under which item is this to be paid?
	Response	Refer to Addendum No. 5. All references to No. 2 Backing riprap are replaced with Class II, 60 lb. Rip Rap.
24	Question	The typical sections for the various retaining walls indicate overexcavation and recompaction 2' below and 3' outside the footings.
		Please clarify if the existing material is suitable for this purpose or will need to be replaced (class 2 aggregate base or alternative).
	Response	The areas are shown to be backfilled with structural backfill and should be paid as part of Bid Item 9, Structure Backfill (Retaining Wall).
25	Question	On sheet R7 the detail for the gravity wall notes overexcavation 2' below and 3' outside the bottom of wall. Typically for these types of walls, shoring isn't required.
		However, due to the extent of the required overexcavation and the proximity to the existing fence which is to be protected in place, this wall will require shoring. Please review and confirm the noted overexcavation limits are correct.
	Response	Refer to Addendum No. 5. Overexcavation can be reduced to 1' from heel in this area, but will need to be evaluated in the field during construction to confirm there is competent native material.

		CONTRACTOR QUESTIONS AND RESPONSES
26	Question	Regarding bid item 42 (Prepare and Stain Concrete):
		I cannot locate a color for the stain or any verbiage telling us a location to match. Is there any information on what color is desired or at least how many colors? Or a pattern for this to be stained, for example is it one solid color or random rock, etc.?
	Response	Refer to Addendum No. 5 for required color. The color should be a Tan or similar. The stain on the concrete wall should make it look consistent with the split face block used on the Masonry Retaining Wall.
27	Question	I see that the specs state that all exposed concrete surfaces are to receive anti-graffiti coating. Are there any quantities for this? And if so, what bid item is it tied to?
	Response	Compensation for anti-graffiti coating is included in the priced paid for the various concrete structures.
28	Question	There is a note in the special provisions on the Pauba Road RFP that states:
		Weight Restriction: Contractor shall observe and comply with avoidance of using any equipment and machinery that exceeds 8000 lbs. on front axle and 32000 lbs. on the rear axle during the construction.
		This weight restriction will restrict any truck loads of asphalt or class 2 base from being used on the project. How is the selected contractor supposed to install any materials on the roadway and follow these weight restrictions?
		This would eliminate all concrete trucks and paving operations from entering the job site.
	Response	Refer to Addendum No. 5, the weight restriction paragraph has been updated.



# **COUNTY OF RIVERSIDE**

# TRANSPORTATION AND LAND MANAGEMENT AGENCY

# **Transportation Department**

Hector D. Davila, P.E.
Deputy for Transportation/
Capital Projects

Russell Williams
Deputy for Transportation/
Planning and Development

#### **ADDENDUM NUMBER 6**

Dated December 11, 2024

to the Specifications and Contract Documents for the construction of

Pauba Road Widening
Via Del Monte to Calle Contento
Community of Rancho California
Project No. C9-0063; and

De Luz Road
Culvert Replacement at
Ten Locations Along De Luz Road
Between Calle Capistrano and 2,380 Feet South of Buena Loma Road
Community of Santa Rosa
Project No. D0-0057

Bids Due: Wednesday, December 18, 2024; 2:00 p.m.

14<sup>th</sup> Street Transportation Annex 3525 14<sup>th</sup> Street; Riverside, CA 92501

(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Bid (Proposal). Bidders are directed to sign this addendum as acknowledged and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

https://trans.rctlma.org/notices-inviting-bids

## **MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:**

#### Item 1: Revised Proposal

Refer to "Revised Proposal" as issued by Attachment "B" of Addendum No. 1. Delete and replace "Revised Proposal" as issued by Addendum No. 1 with "Revised Proposal" attached herewith as **Attachment "A"**. The following changes have been made to the Proposal:

Note: Revisions made to the proposal by Addendum No. 6 are written with green font and green numbers in Attachment "A".

a. The previous Alternative Bid Schedule 1 for De Luz Road Culvert Replacement at Ten Locations is now **Alternative Bid Schedule 2** and the sequential number for its bid items has been updated to bid item No. 78 through bid item No. 101.

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- b. The following bid schedule is incorporated in the contract and made part hereby:
  - Alternate Bid Schedule 1 Rancho California Water District, Facilities Relocations Bid Item No. 67 through bid item No. 77.
- c. The following bid items have been added:
  - Item 64, SUBGRADE ENHANCEMENT GEOGRID [TENSAR NX750 GEOGRID]
  - Item 65, CULVERT SLURRY-CEMENT BACKFILL [0-SACK SLURRY]
  - Item 66, RECONSTRUCT FENCE [WROUGHT IRON]
- d. The estimated quantity has been revised for the following bid items:
  - Item 7, ROADWAY EXCAVATION
  - Item 8, STRUCTURE EXCAVATION (RETAINING WALL)
  - Item 9, STRUCTURE BACKFILL (RETAINING WALL)
  - Item 11, CLASS 2 AGGREGATE BASE
  - Item 14, HOT MIX ASPHALT (TYPE A)
  - Item 19, STRUCTURAL CONCRETE, RETAINING WALL
  - Item 21, STRUCTURAL CONCRETE, HEADWALL
  - Item 22, CONCRETE SURFACE TEXTURE
  - Item 23, BAR REINFORCING STEEL (RETAINING WALL)
  - Item 26, 21" CORRUGATED STEEL PIPE (.064" THICK)
  - Item 27, 30" CORRUGATED STEEL PIPE (.064" THICK)
  - Item 28, 36" CORRUGATED STEEL PIPE (.064" THICK)
  - Item 41, MINOR CONCRETE (DRIVEWAY)
  - Item 46, TEMPORARY FENCE (TYPE CL-6)
  - Item 47, RECONSTRUCT FENCE [WHITE VINYL FENCE W/ WIRE MESH]
  - Item 56, TUBULAR HANDRAILING
  - Item 59, CONCRETE BARRIER (TYPE 836A)
  - Item 60, THERMOPLASTIC PAVEMENT MARKING
- e. The unit of measurement has been revised for the following bid item:
  - Item 33, CORRUGATED STEEL PIPE INLET
- **Item 2:** Time of Completion. Refer to Section 00-1.03, Time of Completion, on page 1 of the Special Provisions. Delete the paragraph in Section 00-1.03 and replace it with the following paragraph.

The Contractor shall diligently prosecute the work to completion before the expiration of <u>120</u> <u>Working Days</u> from the date stated in the "Notice to Proceed".

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Item 3: Seed Mix Design. Refer to Section 13, Water Pollution Control, on pages 21 through 27 of the

- Special Provisions.
  - Delete the 3rd paragraph in sub-section 13-3.01(A), General, and replace it with the following paragraph.

This project requires Hydroseeding and Fiber Rolls installation on new graded slopes in conformance with Caltrans BMP fact sheets for best practices (SS-4, Hydroseeding and SC-5, Fiber Rolls). **Seed mix design** will be provided in the field to the awarded contractor. **The Contractor shall procure the required seed mix for this project.** Full compensation for Hydroseeding and Fiber Rolls installation shall be considered as included in the contract price paid per lump sum for Prepare Storm Water Pollution Prevention Plan.

- **Item 4:** Pervious Backfill Material. Refer to Section 19-3, Structure Excavation and Backfill, on pages 33 through 35 of the Special Provisions.
  - The following provisions are added to sub-section 19-3.01A in the Special Provisions, and are made a part hereby.

Pervious backfill material required for Retaining Wall Type 6 (Modified) must comply with section 19-3.02D, Pervious Backfill Material, of the Standard Specifications.

Full compensation for furnishing and installing Pervious Backfill Material behind Retaining Wall Type 6 (Modified) shall be considered as included in the contract price paid per cubic yard for Structure Backfill (Retaining Wall); and shall include compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in installing Pervious Backfill Material complete in place, including required filter fabric and plastic sheeting, as shown on the plans, as specified in the standard specifications and these special provisions, and as directed by the Engineer.

- **Item 5: Hydroseeding Seed Mix Design.** Refer to Section 21, Erosion Control, on page 35 of the Special Provisions.
  - Delete the paragraph in sub-section 21-2.03D, Hydromulch and Hydroseed, and replace it with the following paragraph.

This project requires Hydroseeding and Fiber Rolls installation on new graded slopes in conformance with Caltrans BMP fact sheets for best practices (SS-4, Hydroseeding and SC-5, Fiber Rolls). **Seed mix design** will be provided in the field to the awarded contractor. **The Contractor shall procure the required seed mix for this project.** Full compensation for Hydroseeding and Fiber Rolls installation shall be considered as included in the contract price paid per lump sum for Prepare Storm Water Pollution Prevention Plan.

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**Item 6:** Subgrade Enhancement Geogrid. The following special provisions are added, and are made a part hereby:

#### Replace Section 19-10, Subgrade Enhancement Geosynthetic, with:

#### 19-10 SUBGRADE ENHANCEMENT GEOSYNTHETIC (GEOGRID)

# SUBGRADE ENHANCEMENT GEOSYNTHETIC (GEOGRID) 19-10.01 GENERAL

Section 19-10 includes specifications for placing subgrade enhancement geosynthetic between the subgrade and pavement structure.

Subgrade enhancement geosynthetic includes subgrade enhancement geogrids shown on the plans.

Scarification of material under Geogrid will not be required.

#### 19-10.02 MATERIALS

Subgrade enhancement **geogrid** must be **Tensar NX750 Geogrid** or approved equal Muti-Axial Type R3 Geogrid.

Geogrid shall conform to the table shown below. Unless otherwise shown, all values represent minimum average roll values (MARV) as defined in ASTM D4439.

#### **MULTI-AXIAL**

Proporty	Test Reference			
Property	rest Reference	R1	R2	R3
Aperture Shape	Observation	Triangular	Triangular	Triangular
Radial Stiffness @ 0.5% Strain lbs/ft (kN/m), Min.	ASTM D6637 <sup>2</sup>	10,285 (150)	15,430 (225)	20,580 (300)
Radial stiffness Ratio, dimensionless	ASTM D6637 <sup>3</sup>	>0.60	>0.60	>0.60
Junction Strength Efficiency (%)	ASTM D7737 <sup>4</sup>	93	93	93
Ultraviolet Stability, @ 500 hrs (%)	ASTM D4355-05	70	70	70

- 1. Multi-axial geogrid contains six or more intersecting ribs at each junction formed into a radially stable network of open equilateral triangular apertures. Multi-axial geogrid is used for subgrade stabilization, aggregate base reduction, asphalt concrete reduction, and/or life extension in pavement or railroad applications.
- 2. Minimum measured radial stiffness at 0.5% strain. Radial stiffness is measured on both the rib directions and the mid-rib directions (directions that bisect the angles between ribs).
- 3. Ratio of the minimum to maximum MARV values of radial stiffness at 0.5% strain
- Load transfer capability determined in accordance with ASTM D7737 and ASTM D6637 and expressed as a percentage.

# 19-10.03 CONSTRUCTION 19-10.03A General

The Contractor shall not:

- 1. Stockpile material on geogrid
- 2. Place more geogrid than can be covered in 48 hours

Before placing subgrade enhancement geosynthetic (geogrid), remove loose or extraneous material and sharp objects that may come in contact with the geosynthetic (geogrid).

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Place the geosynthetic (geogrid):

- 1. Under manufacturer's instructions
- 2. Longitudinally along the roadway alignment
- 3. Without wrinkles

The geogrid may be temporarily secured in place with ties, staples, pins, or backfill or as directed by the Engineer.

Overlap the adjacent edges of the rolls at least 2 feet. Overlap the ends of rolls at least 2 feet in the direction you spread the material covering the subgrade enhancement geosynthetic (geogrid).

You may fold or cut the geosynthetics (geogrid) to conform to curves. Overlap any cut material at least 2 feet. Hold the overlap in place with staples, pins, or small piles of material placed on the subgrade enhancement material.

Make any repairs by placing a new piece of material over the damaged area with at least 3 feet of overlap from the edges of the damaged area.

Compact the AB with either a (1) smooth wheeled roller with no vibrations or (2) rubber tire roller

Do not stockpile material on the geosynthetic (geogrid) or place more geosynthetic (geogrid) than can be covered within 48 hours.

When underlying subgrade is firm and stable with minimum rutting, rubber-tired equipment may pass over the geogrid at speeds less than 5 mph. Do not use sudden braking or sharp turning movements.

Do not operate equipment or vehicles directly on geosynthetic (geogrid), except you may operate vehicles and equipment on geogrid if one of the following conditions is met:

- 1. Vehicles and equipment are:
  - 1.1. Equipped with rubber tires
  - 1.2 Operated under 5 mph
  - 1.3 Operated in a manner to avoid sudden braking and sharp turns
- 2. At least 0.35 feet of AB has been placed, spread, and compacted on the geogrid

Damaged or defective geogrid shall be replaced by the Contractor at no additional cost to the County. Replacement of damaged area shall consist of replacing the affected area adding 3 ft of geogrid beyond the limits of the affected area.

#### 19-10.04 PAYMENT

The contract bid price paid per square yard for Subgrade Enhancement Geogrid [Tensar NX750 Geogrid] shall include full compensation for furnishing all labor, tools, material, equipment, and incidentals, and for doing all the work involved in placing of Geogrid in compliance with plans and no additional compensation shall be allowed therefor. The quantity shall be measured as one layer of Geogrid under asphalt concrete surfaces only, and it does not include overlap. No adjustment in the bid price for overages or underages from the stated quantity will be allowed.

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#### Item 7: 0-Sack Slurry Backfill. The following special provisions are added, and are made a part hereby:

#### **0-SACK SLURRY BACKFILL**

#### General

0-sack slurry backfill shall be placed around exposed gas lines for at least 1-foot.

When using 0-sack slurry (wet sand), a minimum dry time of 24 hours is required before placing final fill.

#### Material

Sand used in 0-sack slurry must be washed and free of fine organic silts and clays.

Sand used in 0-sack slurry must have sand equivalent equal or greater than 20 per ASTM D-2419-14, "Standard Test Method for Sand Equivalent Value of Solid Fine Aggregate".

#### **Definitions**

**Soil Gradation:** Classification of a coarse-grained soil that ranks the soil based on the different particle sizes.

pH: Measurement of the acidity or alkalinity of a solution or material.

Resistivity: Measurement of how strongly a material opposes electrical current.

#### **Grain Size Distribution Requirements**

Sand must meet the soil gradation requirements listed in Table 1, "Grain Size Distribution Requirements," using ASTM C136-14, "Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates."

**Table 1 - Grain Size Distribution Requirements** 

Sieve	Siev	ve Size	% Passing
3/8"	0.375 in.	9.5 mm	100
No. 4	0.187 in.	4.75 mm	90–100
No. 200	0.00298 in.	75 μm	0–15

#### pH Value

Value of pH must be between 4.5 and 9, using ASTM G51-95, "Standard Test Method for Measuring pH of Soil for Use in Corrosion Testing," or ASTM D4972-13, "Standard Test Method for pH of Soils."

#### Resistivity

Resistivity must be greater than 3000 ohm-cm, using ASTM G57-06(2012), "Standard Test Method for Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method," or ASTM G187-12a, "Standard Test Method for Measurement of Soil Resistivity Using the Two-Electrode Soil Box Method."

1. IF Resistivity is less than 3000 ohms-cm,

THEN the following chemical content limits apply:

 Total chloride content: equal to or less than 500 parts per million, as determined by EPA Method 300.0 prepared by Parr O2 bomb combustion.

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b. Total sulfate content: equal to or less than 150 parts per million, as determined by EPA Method 300.0 prepared by Parr O2 bomb combustion.

#### **Maximum Dry Unit Weight and Optimum Moisture Content**

Supplier must provide the maximum dry unit weight and optimum moisture content of sand determined by using the standard or modified Proctor test (ASTM D698-12 or ASTM D1557-12) or equivalent.

#### Construction

0-sack slurry can be placed in one lift with no vibration or tamping.

If trench contains voids, concrete vibrator may be used to assist with consolidation under pipe and to fill other voids.

#### **Payment**

Full compensation for furnishing and installing 0-Sack Slurry Backfill shall be considered as included in the contract price paid per cubic yard for Culvert Slurry-Cement Backfill [0-Sack Slurry]; and shall include compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in installing 0-sack slurry backfill complete in place, as shown on the plans, as specified in the applicable standard specifications and these special provisions, and as directed by the Engineer.

- **Item 8: Type 36R Grate.** Refer to Section 70, Miscellaneous Drainage Facilities, on page 57 of the Special Provisions.
  - The following special provisions are added to sub-section 70-1.01, General, 36" Corrugated Steel Pipe Inlet, and are made a part hereby:

Type 36R Grate must be traffic rated steel grate for 36 inch drainage pipe inlets; conforming to Standard Plan D77B. Furnished uncoated (bare) or with a galvanized finish.

Full compensation for furnishing and installing Type 36R Grate shall be considered as included in the contract price paid per each for Corrugated Steel Pipe Inlet, and no additional compensation will be allowed therefor.

• Delete the payment paragraph in sub-section 70-1.01, General, 36" Corrugated Steel Pipe Inlet, and replace it with the following paragraph:

#### **Payment**

The contract unit bid price paid per **each** for Corrugated Steel Pipe Inlet; shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, for doing all the work involved in constructing the 36" Corrugated Steel Pipe per the details shown on the plans, including excavation and backfill, all concrete and rebar required, connecting to existing pipe, all hardware and miscellaneous metals (including but not limited to trash racks, anchor bolts, nuts and washers, metal bolt circle/ring, removable debris rack, junction box), all welding, as shown on the plans, as specified in the standard specifications, these special provisions and as directed by the Engineer, and no additional compensation will be allowed therefor.

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**Item 9:** Reconstruct Wrought Iron Fence. Refer to Section 80-15, Existing Fences, on page 64 of the Special Provisions. The following special provisions are added to sub-section 80-15.02A, Reconstruct Fences, General, and are made a part hereby:

#### RECONSTRUCT FENCE [WROUGHT IRON]

Reconstruction of existing Wrought Iron Fence shall conform to the applicable provisions in Section 15, "Existing Facilities", 80, "Fences", 80-15, "Existing Fences", of the Standard Specifications and these Special Provisions, the plans, and as directed by the Engineer.

Existing white wrought iron fence along with its footings shall be removed and replaced where shown on the plan, with in kind or better quality materials, in conformance with Section 80, "Fences", of the Standard Specifications and as shown on the plans, and as directed by the Engineer.

Where it is necessary and/or required by property owner, temporary fence/gate shall be placed for the safety of the homeowner or the protection of owner's livestock and/or pets.

Fences that are to remain in place and which have been damaged by the Contractor shall be replaced by the Contractor at the Contractor's expense.

Earth, trees, brush and other obstructions which interfere with the proper reconstruction of wrought iron fence shall be removed and disposed of, unless the Engineer orders certain trees to remain in place. This work will be considered as part of Clearing and Grubbing and/or the various applicable items of work and no measurement nor payment will be made for this work.

Existing fences shall be connected to the reconstructed fences. Fence posts shall be placed at the junction with existing fences.

#### **PAYMENT**

The contract price paid per linear foot for Reconstruct Fence [Wrought Iron] shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved in reconstructing the wrought iron fence, complete in place, including concrete footings, excavation and backfill, all hardware, posts, as specified in the applicable Standard Specifications, these special provisions, as shown on the plans, and as directed by the Engineer, and no additional compensation will be allowed therefor.

**Item 10: Rancho California Water District – Facilities Relocations.** The following special provisions are added, and are made a part hereby:

#### RANCHO CALIFORNIA WATER DISTRICT - FACILITIES RELOCATIONS

Refer to Alternative Bid Schedule 1 for Rancho California Water District work.

Refer to and comply with the Special Provisions for Rancho California Water District Relocations incorporated as **Attachment "B"** to this addendum and made a part hereby.

Also refer to Rancho California Water District – Relocation Plans attached herewith as **Attachment** "**D**", and made a part hereby.

#### General

Contractor shall comply with the applicable Rancho California Water District (RCWD) special provisions and standard plans.

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RCWD Technical Provisions and Standard Drawings are hereby incorporated by reference. See following weblink:

https://www.ranchowater.com/323/Standard-Specifications-and-Drawings

#### Relocations

Existing RCWD facilities shall be relocated and adjusted to finished grade with materials similar in quality to those in the original structure in accordance with RCWD standards and provisions, and as directed by the Engineer.

All work shall be performed by a Licensed and qualified plumber.

Contractor must provide coordination with RCWD for all work associated with their facilities.

#### Salvaging

Existing RCWD facilities to be salvaged, shall be removed, and salvaged as shown on the plans in conformance with RCWD applicable standards and specifications, and as directed by the Engineer.

RCWD owned removed and salvaged facilities shall be delivered to RCWD, or as directed by the Engineer.

#### Construction

The Contractor shall furnish and install all required materials and equipment needed to complete the work shown on the pans, specified herein, and as directed by the Engineer.

The contractor will make all connections to existing water line.

Attention is directed to Section 00-1.10, Cooperation, of these Special Provisions for fully cooperation with RCWD. The contractor must cooperate with RCWD in performing the work required to make the connection to the existing water line including but not limited to providing materials, excavation, traffic control, and backfill, in conformance with the Standard Specifications, these Special Provisions and as directed by the Engineer.

#### **Payment**

If the RCWD alternate bid schedule is chosen for award, full compensation for RCWD work listed in **Alterative Bid Schedule 1** shall be considered as included in the bid prices paid for the various RCWD items of work, and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, for doing all the work involved, complete in place, as shown and specified on the plans, as specified in the Standard Specifications, these Special Provisions, the Special Provisions incorporated by **Addendum No. 6, Attachment "B"**, and as directed by the Engineer, and no additional payment will be made therefor.

Pauba Road Widening

Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet

December 11, 2024 Page 10 of 13

#### **MODIFICATIONS / CLARIFICATIONS TO THE PLANS:**

South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057

#### Item 11: Plan sheet revisions.

Refer to plan sheets for Pauba Road Widening Project. The following plan sheets are revised and issued as **Attachment "C"**. Delete and replace the following thirty-seven (37) plan sheets from the set:

Partial summary of changes: The following is a summary of plan sheet revision notes.

- 1. Sheet 2 of 59, K-1; various construction notes updated and added
- 2. Sheet 3 of 59, X-1; pavement section updated, geogrid
- 3. Sheet 4 of 59, X-2; pavement section updated, geogrid
- 4. Sheet 5 of 59, X-3; pavement section updated, geogrid
- 5. Sheet 7 of 59, L-1; water utility relocation information updated, pavement section updated, geogrid, additional potholes added, 0-sack slurry to protect gas line added
- 6. Sheet 8 of 59, L-2; water utility relocation information updated, pavement section updated, geogrid, SCE conduit added
- 7. Sheet 9 of 59, L-3; water utility relocation information updated, pavement section updated, geogrid, additional potholes added, 0-sack slurry to protect gas line added, SCE conduit added
- 8. Sheet 10 of 59, L-4; water utility relocation information updated, pavement section updated, geogrid, additional potholes added, 0-sack slurry to protect gas line added
- 9. Sheet 11 of 59, L-5; water utility relocation information updated, pavement section updated, geogrid, additional potholes added, gas line and utility conduit relocation added
- 10. Sheet 12 of 59, L-6; water utility relocation information updated, pavement section updated, geogrid, additional potholes added
- 11. Sheet 13 of 59, L-7; water utility relocation information updated, pavement section updated, geogrid, additional potholes added
- 12. Sheet 14 of 59, L-8; water utility relocation information updated, pavement section updated, geogrid, additional potholes added
- 13. Sheet 15 of 59, L-9; water utility relocation information updated, pavement section updated, geogrid, additional potholes added
- 14. Sheet 16 of 59, L-10; pavement section updated, geogrid added
- 15. Sheet 17 of 59, L-11; water utility relocation information updated, pavement section updated, geogrid added
- 16. Sheet 18 of 59, L-12; water utility relocation information updated, pavement section updated, geogrid added
- 17. Sheet 21 of 59, C-3; water utility relocation information updated
- 18. Sheet 22 of 59, C-4; reconstruct fence
- 19. Sheet 23 of 59, C-5; water utility relocation information updated, removal of bark and rocks
- 20. Sheet 24 of 59, C-6; water utility relocation information updated, adjustment of electric pull box
- 21. Sheet 26 of 59, C-8; water utility relocation information updated, protection of driveway and trees
- 22. Sheet 27 of 59, C-9; water utility relocation information updated
- 23. Sheet 28 of 59, C-10; water utility relocation information updated
- 24. Sheet 29 of 59, C-11; water utility relocation information updated
- 25. Sheet 30 of 59, C-12; removal of trees added
- 26. Sheet 31 of 59, C-13; water utility relocation information added
- 27. Sheet 32 of 59, C-14; protection of existing brick driveway added

Pauba Road Widening

Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and

De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057

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- 28. Sheet 35 of 59, R2; wall length revised
- 29. Sheet 38 of 59, R5; pervious backfill material added
- 30. Sheet 42 of 59, D-2; added TCE, and removal of existing fence
- 31. Sheet 43 of 59, D-3; replace existing pipe, additional potholes added
- 32. Sheet 44 of 59, D-4; additional potholes added, pipe redesigned
- 33. Sheet 46 of 59, D-6; additional potholes added
- 34. Sheet 47 of 59, D-7; additional potholes added
- 35. Sheet 48 of 59, D-8; additional potholes added
- 36. Sheet 49 of 59, D-9; additional potholes added
- 37. Sheet 54 of 59, U-2; additional potholes added

**Note:** Revised plan sheet(s) is (are) posted on the County website and available for download during the advertisement period.

https://trans.rctlma.org/notices-inviting-bids

#### Item 12: Plan sheets additions.

Refer to plan sheets for Pauba Road Widening Project. The following Rancho California Water District – Relocation Plans are added and made a part hereby, and are issued as **Attachment** "D".

Add the following twelve (12) plan sheets to the set:

- 1. Sheet 1 of 12, G-1; Title Sheet,
- 2. Sheet 2 of 12, G-2; General Notes,
- 3. Sheet 3 of 12, W-1; 8-Inch PVC Waterline Relocation Plan and Profile,
- 4. Sheet 4 of 12, W-2; Appurtenance Relocations Plan Sta 90+00 to 100+00,
- 5. Sheet 5 of 12, W-3; Appurtenance Relocations Plan Sta 100+00 to 110+00,
- 6. Sheet 6 of 12, W-4; Appurtenance Relocations Plan Sta 110+00 to 120+00,
- 7. Sheet 7 of 12, W-5; Appurtenance Relocations Plan Sta 120+00 to 130+00,
- 8. Sheet 8 of 12, W-6; Appurtenance Relocations Plan Sta 130+00 to 140+00,
- 9. Sheet 9 of 12, W-7; Appurtenance Relocations Plan Sta 140+00 to 152+00,
- 10. Sheet 10 of 12, D-1; Detail Sheet Fire Hydrants,
- 11. Sheet 11 of 12, D-2; Detail Sheet Fire Hydrants, Air Valves, Meters,
- 12. Sheet 12 of 12, D-3; 8-Inch PVC Waterline Relocation, Meters, Backflows, CP Test Station

**Note:** Added plan sheet(s) is (are) posted on the County website and available for download during the advertisement period.

#### https://trans.rctlma.org/notices-inviting-bids

Contractors must note that current version of the Facilities Relocation Plans represent the latest information and/or requirements available from Rancho California Water District (RCWD).

No major deviations are expected between these RCWD Facilities Relocation plans and their final version.

Pauba Road Widening

Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057

December 11, 2024 Page 12 of 13

A copy of the final version of the RCWD Facilities Relocation Plans will become available to the awarded contractor.

If new requirements and/or restrictions are required by the final version of the RCWD Facilities Relocation plans, any extra work performed by the Contractor, because of such new requirements, shall be handled as time and materials as approved by the Engineer.

#### **ATTACHMENTS**

- A Revised Proposal (5 pages)
- **B Special Provisions for RCWD Relocations (10 pages)**
- C Revised Plan Sheets (37 sheets)
- D Added Plan Sheets (12 sheets)

Pauba Road Widening

Via Del Monte to Calle Contento, Community of Rancho California, Project No. C9-0063; and

De Luz Road Culvert Replacement at Ten Locations Along De Luz Road, Between Calle Capistrano and 2,380 Feet South of Buena Loma Road, Community of Santa Rosa, Project No. D0-0057

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This addendum has been prepared under the direction of the following registered Civil Engineer(s):

Recommended by:

Alfre	KO.	Martin	e/7 /	PF
/ \III \( \cdot \)	MU.	iviai uii	<b>V</b>	

Alfredo Martinez/PE Engineering Project Manager



**Concurrence:** 

Cesar Tolentino, PE

**Engineering Division Manager** 

Acknowledged: Date: \_\_\_\_ (Contractor)

JRJ:jrj:rr

Note: Refer to Instruction to Bidders Item No. 8, "Addenda". Submission of all addendum pages and nonbidding document attachments of addendum are not necessary for Bid submittal. Submittal of this acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received on the first page of the Bid form (Proposal).

De Luz Road
Culvert Replacement at
Ten Locations Along De Luz Road
Between Calle Capistrano and 2,380 Feet South of Buena Loma Road
Community of Santa Rosa
Project No. D0-0057

# REVISED PROPOSAL

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BI	D SCHEDULE	- Pauba Road Widening				
1	066100	DUST ABATEMENT	LS	1		
2	100100	DEVELOP WATER SUPPLY	LS	1		
3	120100	TRAFFIC CONTROL SYSTEM	LS	1		
4	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1		
5	170103	CLEARING AND GRUBBING	LS	1		
6	031201	CONSTRUCTION PROJECT FUNDING SIGN	EA	2		
7	190101 F	ROADWAY EXCAVATION	CY	8,290		
8	192037 F	STRUCTURE EXCAVATION (RETAINING WALL)	CY	1,164		
9	193013 F	STRUCTURE BACKFILL (RETAINING WALL)	CY	951		
10	194001	DITCH EXCAVATION	CY	67		
11	260203	CLASS 2 AGGREGATE BASE	CY	2,420		
12	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	290		
13	013904	PLACE ASPHALT CONCRETE DIKE (CRS 212) (8")	LF	180		
14	390132	HOT MIX ASPHALT (TYPE A)	TON	6,950		
15	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	610		
16	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	9,730		
17	475010 F	RETAINING WALL (MASONRY WALL)	SQFT	2,406		
18	035101	GRAVITY WALL	LF	34		
19	510060 F	STRUCTURAL CONCRETE, RETAINING WALL	CY	254		
20	510090 F	STRUCTURAL CONCRETE, BOX CULVERT	CY	15		
21	510092 F	STRUCTURAL CONCRETE, HEADWALL	CY	372		

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BI	D SCHEDULE	- Pauba Road Widening (continued)		1		1
22	511055 F	CONCRETE SURFACE TEXTURE	SQFT	2,376		
23	520103 F	BAR REINFORCING STEEL (RETAINING WALL)	LB	23,800		
24	641101	12" PLASTIC PIPE	LF	3		
25	665016	18" CORRUGATED STEEL PIPE (.064" THICK)	LF	158		
26	665019	21" CORRUGATED STEEL PIPE (.064" THICK)	LF	155		
27	665030	30" CORRUGATED STEEL PIPE (.064" THICK)	LF	197		
28	665035	36" CORRUGATED STEEL PIPE (.064" THICK)	LF	81		
29	667023	42" X 29" CORRUGATED STEEL PIPE ARCH (.079" THICK)	LF	8		
30	691900	FLUME DOWNDRAIN	LF	202		
31	692101	TAPERED INLET	EA	8		
32	037050	21" STEEL FLAIRED END SECTION	EA	1		
33	700615	CORRUGATED STEEL PIPE INLET	EA	2		
34	037101	CMP CULVERT LINING (CENTRIPIPE)	LF	80		
35	721431	CONCRETE (CONCRETE APRON)	CY	63		
36	723050	ROCK SLOPE PROTECTION (1/4 T, Class V, METHOD B)	CY	23		
37	723080	ROCK SLOPE PROTECTION (60 lb, Class II, METHOD B)	CY	43		
38	723095	ROCK SLOPE PROTECTION (20 lb, Class I, METHOD B)	CY	116		
39	730045	MINOR CONCRETE (GUTTER)	CY	12		
40	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	6		
41	731516	MINOR CONCRETE (DRIVEWAY)	CY	180		
42	780440	PREPARE AND STAIN CONCRETE	SQFT	2,400		
43	038001	CHAIN LINK FENCE (CL-6, TYPE BW)	LF	70		
44	038002	19' CHAIN LINK GATE (TYPE CL-6) [2-9.5' GATE]	EA	1		
45	038003	23' CHAIN LINK GATE (TYPE CL-6) [2-11.5' GATE]	EA	1		
46	800103	TEMPORARY FENCE (TYPE CL-6)	LF	310		
47	803100	RECONSTRUCT FENCE [WHITE VINYL FENCE W/ WIRE MESH]	LF	690		
48	803160	RESET GATE	EA	1		
49	810230	PAVEMENT MARKER (RETROREFLECTIVE)	EA	474		

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BI	D SCHEDULE	- Pauba Road Widening (continued)			_	
50	820250	REMOVE ROADSIDE SIGN	EA	14		
51	820590	RELOCATE ROADSIDE SIGN-ONE POST	EA	3		
52	820840	ROADSIDE SIGN - ONE POST	EA	16		
53	018302	TRANSITIONAL RAILING (TYPE AGT)	EA	1		
54	38301 F	PEDESTRIAN SAFETY RAIL [AT CULVERT HEADWALLS]	LF	77		
55	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	LF	200		
56	833088 F	TUBULAR HANDRAILING	LF	259		
57	839521 F	CABLE RAILING	LF	346		
58	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	3		
59	839742 F	CONCRETE BARRIER (TYPE 836A)	LF	259		
60	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	1,020		
61	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	17,960		
62	018701	RESET ELECTRICAL FOR LIGHTING	EA	2		
63	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	400,000.00	400,000.00
64	198215	SUBGRADE ENHANCEMENT GEOGRID [TENSAR NX750 GEOGRID]	SQYD	700		
65	710368	CULVERT SLURRY-CEMENT BACKFILL [0-SACK SLURRY]	CY	130		
66	803100	RECONSTRUCT FENCE [WROUGHT IRON]	LF	40		

BASE BID SCH		
SUB-TOTAL:		\$
ITEMS 1 - 66	"WORDS"	

**ALTERNATIVE BID SCHEDULE 1 - Rancho Californina Water District, Facilities Relocations** 

037707

GRADE

73

67	037701	STEEL FIRE HYDRANT TYPE 1 RELOCATION; ADJUST TO GRADE	EA	2	
68	037702	STEEL FIRE HYDRANT TYPE 2 RELOCATION; HORIZONTAL OFFSET	EA	8	
69	037703	STEEL FIRE HYDRANT TYPE 3 RELOCATION; ABANDON AND REPLACE	EA	3	
70	037704	PVC FIRE HYDRANT TYPE 3 RELOCATION; ABANDON AND REPLACE	EA	2	
71	037705	2" AIR VAC AND AIR RELEASE TYPE 1 RELOCATION: ADJUST TO GRADE	EA	3	
72	037706	2" AIR VAC AND AIR RELEASE TYPE 1 RELOCATION: HORIZONTAL OFFSET	EA	6	
73	037707	1" SERVICE LATERAL/METER TYPE 1 RELOCATION; ADJUST TO	FA	3	

EΑ

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)	
ALTERNATIVE BID SCHEDULE 1 - Rancho Californina Water District Relocation (continued)							
74	037708	1" SERVICE LATERAL/METER TYPE 2 RELOCATION; HORIZONTAL OFFSET	EA	8			
75	037709	BACKFLOW ASSEMBLY TYPE 2 RELOCATION; HORIZONTAL OFFSET	EA	2			
76	037710	CP TEST STATION TYPE 3 RELOCATION; ABANDON AND REPLACE	EA	6			
77	037711	8" PVC WATERLINE RELOCATION	LS	1			

ALT BID SCH 1		
SUB- TOTAL:		\$
ITEMS 67 - 77	"WORDS"	

#### ALTERNATIVE BID SCHEDULE 2 - De Luz Road Culvert Replacement at Ten Locations LS 78 066100 **DUST ABATEMENT** 1 100100 **DEVELOP WATER SUPPLY** LS 79 1 80 120100 TRAFFIC CONTROL SYSTEM LS 1 81 130200 PREPARE WATER POLLUTION CONTROL PROGRAM LS 1 170103 **CLEARING AND GRUBBING** LS 82 1 83 190101 ROADWAY EXCAVATION CY 65 84 032001 PLANTING WORK EΑ 33 260203 **CLASS 2 AGGREGATE BASE** 74 85 CY ASPHALT CONCRETE DIKE 033901 LF 86 30 390132 HOT MIX ASPHALT (TYPE A) 24 87 TON 88 034001 CONCRETE PAVEMENT CY 42 89 035101 MINOR CONCRETE (MINOR STRUCTURE) CY 145 MINOR CONCRETE (MINOR STRUCTURE) 90 035103 EΑ 6 [FLARED END SECTION] MINOR CONCRETE (MINOR STRUCTURE) 035104 91 EΑ [COLLAR] 92 650424 36" REINFORCED CONCRETE PIPE (CLASS IV) LF 116 650432 48" REINFORCED CONCRETE PIPE (CLASS IV) LF 93 81 94 650511 18" REINFORCED CONCRETE PIPE (CLASS V) LF 336 650516 24" REINFORCED CONCRETE PIPE (CLASS V) LF 309 95 038001 96 REMOVE AND REPLACE CHAIN LINK FENCE (TYPE CL-3) LF 25 97 810230 PAVEMENT MARKER (RETROREFLECTIVE) EA 8

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTERNATIVE BID SCHEDULE 2 - De Luz Road Culvert Replacement at Ten Locations (continued)						
98	820490	INSTALL TYPE L-2 MARKER TO MATCH EXISTING	EA	16		
99	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	264		
100	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	50,000.00	50,000.00
101	034001	REMOVE AND REPLACE CONCRETE PAVEMENT WITH RAPID STRENGHT CONCRETE (LOCATIONS 5 AND 7)	CY	35		

100	010602	MISCELLANEOUS WORK (AS DIRECTED)	FA	1	50,000.00	50,000.0
101	034001	REMOVE AND REPLACE CONCRETE PAVEMENT WITH RAPID STRENGHT CONCRETE (LOCATIONS 5 AND 7)	CY	35		
ALT BID	O SCH 2 OTAL:				\$	
	78 - 101	"WORDS"				
BASE	BID SCH.	+ ALT. BID SCH. 1 + ALT. BID SCH. 2				
PROJE						
TOTAL:					\$	
ITEMS	1 - 101	"WORDS"				

# PAUBA ROAD WATERLINE RELOCATION SPECIFICATIONS

# WATERLINE SPECIFICATIONS

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# **WATERLINE SPECIFICATIONS**

### 1. REFERENCE SPECIFICATIONS

All work on the project waterline facilities shall be performed in accordance with Rancho California Water District standards, specifications and requirements. The following published documents can be found on the Rancho California Water District website (<a href="https://ranchowater.com/199/Document-Library">https://ranchowater.com/199/Document-Library</a>) and the referenced documents shall hereby become part of these specifications.

- A. Water System Facility Requirements and Design Guidelines
- B. Standard Drawings
- C. Approved Materials List
- D. Specifications General Provisions
- E. Division 1 Earthwork
- F. Division 2 Concrete
- G. Division 3 Pipeline
- H. Division 4 Valves
- I. Division 8 Painting
- J. Division 12 Miscellaneous Metal Work
- K. Division 19 Cathodic Protection

### 2. BID ITEM DESCRIPTIONS

The waterline relocation scope of work consists of the vertical, horizontal, abandonment and new installation of waterline appurtenances consisting of fire hydrants, air valves, meters, backflow devices and cathodic test stations impacted by the roadway reconstruction along Pauba Road and the relocation of approximately 260 LF of 8-inch diameter PVC waterline and appurtenances impacted by a new retaining wall. The efforts required are further defined in the following bid item descriptions:

# Steel Fire Hydrant Type 1 Relocation: Adjust to Grade

- a. Measurement for this item shall be on a per unit basis.
- b. The work shall include all labor, materials, and equipment required to furnish and install the vertical fire hydrant extension complete in place, tested, and functional as designed.

- c. The work shall also include demolition, excavation and backfill, hauling and disposal, dewatering, disinfection testing, flushing, protection of existing utilities, painting and construction.
- d. The work shall also include verification of utility depths and locations, field dimensions prior to ordering materials and equipment, protection of existing utilities, testing, and inspections. Work to be paid under this bid item shall include notifying the County's Representative and Rancho California Water District of any discrepancies found between conditions shown on the plans and field conditions.
- e. The work shall conform to Rancho California Water District's Standard Drawing RW-7.

# Steel Fire Hydrant Type 2 Relocation: Horizontal Offset

- a. Measurement for this item shall be on a per unit basis.
- b. The work shall include all labor, materials, and equipment required to furnish and install the horizontal fire hydrant extension complete in place, tested, and functional as designed.
- c. The work shall also include demolition, excavation and backfill, hauling and disposal, removal and installation of new thrust support block, dewatering, disinfection testing, flushing, protection of existing utilities, painting and construction.
- d. The work shall also include verification of utility depths and locations, field dimensions prior to ordering materials and equipment, protection of existing utilities, testing, and inspections. Work to be paid under this bid item shall include notifying the County's Representative and Rancho California Water District of any discrepancies found between conditions shown on the plans and field conditions.
- e. The work shall conform to Rancho California Water District's Standard Drawing RW-7.

# Steel Fire Hydrant Type 3 Relocation: Abandon & Replace

- a. Measurement for this item shall be on a per unit basis.
- b. The work shall include all labor, materials, and equipment required to abandon and remove the existing fire hydrant, furnish and install the new fire hydrant (all new materials) complete in place, tested, and functional as designed.
- c. The work shall also include demolition, excavation and backfill, hauling and disposal, dewatering, disinfection testing, flushing, protection of existing utilities, painting, waterline shutdown, and construction. The contractor shall coordinate all necessary main line shutdowns with Rancho California Water District and deliver notifications to customers.
- d. The work shall also include verification of utility depths and locations, field dimensions prior to ordering materials and equipment, protection of existing utilities, testing, and inspections. Work to be paid under this

- bid item shall include notifying the County's Representative and Rancho California Water District of any discrepancies found between conditions shown on the plans and field conditions.
- e. The work shall conform to Rancho California Water District's Standard Drawings RW-2 and RW-7

# PVC Fire Hydrant Type 3 Relocation: Abandon & Replace

- a. Measurement for this item shall be on a per unit basis.
- b. The work shall include all labor, materials, and equipment required to abandon and remove the existing fire hydrant, furnish and install the new fire hydrant (all new materials) complete in place, tested, and functional as designed.
- c. The work shall also include demolition, excavation and backfill, hauling and disposal, dewatering, disinfection testing, flushing, protection of existing utilities, painting, waterline shutdown, and construction. The contractor shall coordinate all necessary main line shutdowns with Rancho California Water District and deliver notifications to customers.
- d. The work shall also include verification of utility depths and locations, field dimensions prior to ordering materials and equipment, protection of existing utilities, testing, and inspections. Work to be paid under this bid item shall include notifying the County's Representative and Rancho California Water District of any discrepancies found between conditions shown on the plans and field conditions.
- e. The work shall conform to Rancho California Water District's Standard Drawings RW-2 and RW-8.

# 2" Air Vac & Air Release Type 1 Relocation: Adjust to Grade

- a. Measurement for this item shall be on a per unit basis.
- b. The work shall include all labor, materials, and equipment required to furnish and install the vertical air vac and air release extension complete in place, tested, and functional as designed.
- c. The work shall also include demolition, excavation and backfill, hauling and disposal, removal and installation of new concrete pad, dewatering, disinfection testing, flushing, protection of existing utilities, painting, and construction.
- d. The work shall also include verification of utility depths and locations, field dimensions prior to ordering materials and equipment, protection of existing utilities, testing, and inspections. Work to be paid under this bid item shall include notifying the County's Representative and Rancho California Water District of any discrepancies found between conditions shown on the plans and field conditions.
- e. The work shall conform to Rancho California Water District's Standard Drawing RW-10.

# 2" Air Vac & Air Release Type 2 Relocation: Horizontal Offset

- a. Measurement for this item shall be on a per unit basis.
- b. The work shall include all labor, materials, and equipment required to furnish and install the horizontal air vac and air release extension complete in place, tested, and functional as designed.
- c. The work shall also include demolition, excavation and backfill, hauling and disposal, removal and installation of new concrete pad, dewatering, disinfection testing, flushing, protection of existing utilities, painting, and construction.
- d. The work shall also include verification of utility depths and locations, field dimensions prior to ordering materials and equipment, protection of existing utilities, testing, and inspections. Work to be paid under this bid item shall include notifying the County's Representative and Rancho California Water District of any discrepancies found between conditions shown on the plans and field conditions.
- e. The work shall conform to Rancho California Water District's Standard Drawing RW-10.

# 1" Service Lateral / Meter Type 1 Relocation: Adjust to Grade

- a. Measurement for this item shall be on a per unit basis.
- b. The work shall include all labor, materials, and equipment required to furnish and install the vertical service lateral extension complete in place, tested, and functional as designed.
- c. The work shall also include demolition, excavation and backfill, hauling and disposal, dewatering, disinfection testing, flushing, protection of existing utilities, and construction.
- d. The work shall also include verification of utility depths and locations, field dimensions prior to ordering materials and equipment, protection of existing utilities, testing, and inspections. Work to be paid under this bid item shall include notifying the County's Representative and Rancho California Water District of any discrepancies found between conditions shown on the plans and field conditions.
- e. The work shall conform to Rancho California Water District's Standard Drawings RW-13 and RW-16.

# 1" Service Lateral / Meter Type 2 Relocation: Horizontal Offset

- a. Measurement for this item shall be on a per unit basis.
- b. The work shall include all labor, materials, and equipment required to furnish and install the service lateral tubing complete in place, tested, and functional as designed.
- c. The work shall also include demolition, excavation and backfill, hauling and disposal, dewatering, disinfection testing, flushing, protection of existing utilities, and construction.
- d. The work shall also include verification of utility depths and locations, field dimensions prior to ordering materials and equipment, protection

- of existing utilities, testing, and inspections. Work to be paid under this bid item shall include notifying the County's Representative and Rancho California Water District of any discrepancies found between conditions shown on the plans and field conditions.
- e. The work shall conform to Rancho California Water District's Standard Drawings RW-13 and RW-16.

# **Backflow Assembly Type 2 Relocation: Horizontal Offset**

- a. Measurement for this item shall be on a per unit basis.
- b. The work shall include all labor, materials, and equipment required to relocate the backflow assembly complete in place, tested, certified, and functional as designed.
- c. The work shall also include demolition, excavation and backfill, hauling and disposal, dewatering, disinfection testing, flushing, protection of existing utilities, and construction.
- d. The work shall also include verification of utility depths and locations, field dimensions prior to ordering materials and equipment, protection of existing utilities, testing, and inspections. Work to be paid under this bid item shall include notifying the County's Representative and Rancho California Water District of any discrepancies found between conditions shown on the plans and field conditions.
- e. The work shall conform to Rancho California Water District's Standard Drawings RW-16 and RW-18.

# CP Test Station Type 3 Relocation: Abandon & Replace

- a. Measurement for this item shall be on a per unit basis.
- b. The work shall include all labor, materials, and equipment required to furnish and install the CP test station complete in place, tested, and functional as designed.
- c. The work shall also include demolition, excavation and backfill, hauling and disposal, protection of existing utilities, and construction.
- d. The work shall also include verification of utility depths and locations, field dimensions prior to ordering materials and equipment, protection of existing utilities, testing, and inspections. Work to be paid under this bid item shall include notifying the County's Representative and Rancho California Water District of any discrepancies found between conditions shown on the plans and field conditions.
- e. The work shall conform to Rancho California Water District's Standard Drawing RW-40A and Division 19 specifications.

# 8" PVC Waterline Relocation

- a. Measurement for this item shall be made on a lump sum basis.
- b. The work shall include all labor, materials, fittings and equipment required to furnish and install the relocated 8" PVC waterline complete in place, tested, and functional as designed.

- c. The work shall also include demolition, excavation and backfill, hauling and disposal, dewatering, disinfection and bacteria testing, flushing, hydrostatic pressure testing, protection of existing utilities, shutdown, record drawings, and construction.
- d. The work shall be limited to an 8-hour shutdown, the connections at both ends of the pipe are to be constructed and connected concurrently. The contractor shall coordinate all necessary main line shutdowns with Rancho California Water District and deliver notifications to customers.
- e. The work shall also include the installation of an air vac and air release assembly, pavement removal and disposal, temporary replacement pavement, traffic control, and customer shutdown notifications.
- f. The work shall also include verification of utility depths and locations, field dimensions prior to ordering materials and equipment, protection of existing utilities, testing, painting, and inspections. Work to be paid under this bid item shall include notifying the County's Representative and Rancho California Water District of any discrepancies found between conditions shown on the plans and field conditions.
- g. The work shall conform to Rancho California Water District's Standard Drawings RW-9, RW-22, RW-26, and RW-26B.

### 3. EXPOSURE OF UTILITIES IN ADVANCE OF WORK

It shall be the Contractor's responsibility to determine the exact location and depth of all utilities and service connections. He shall also determine the type, material, and condition of any utility which may be affected by or affect the work. The Contractor shall have all utility companies field locate all underground lines before start of construction.

#### 4. STAKING OF LINE AND GRADE

The County will provide surveying for the water facilities as defined in section 5 Control of Work, 5-1.26 Construction Survey of County specifications.

#### 5. CONSTRUCTION WATER

The Contractor shall make all arrangements to furnish all construction water for the water facilities relocations as defined in section 10-6 Watering of County specifications.

#### 6. TRAFFIC CONTROL

The Contractor shall make all arrangements to furnish all traffic control for the water facilities relocations as defined in section 12 Temporary Traffic Control of County specifications.

# 7. WATER POLLUTION CONTROL

The Contractor shall comply with all water pollution control for the water facilities, including de-chlorination of dewatering and flushing water, as defined in section 13 Water Pollution Control of the County specifications.

### 8. DISINFECT AND PRESSURE TEST WATERINE

The Contractor shall comply with the Division 3 – Pipeline, sections 3.8 and 3.9 of the specifications from Rancho California Water District for the filling, pressure testing, disinfection, de-chlorination, and flushing requirements for the appurtenances and main line installations and modifications.

#### 9. CONNECTIONS AND WATERLINE SHUTDOWNS

The Contractor shall comply with the Division 3 – Pipeline, section 3.10 of the specifications from Rancho California Water District for the system shutdown requirements for the appurtenances and main line installations and modifications. System shutdowns require three weeks' advance notice to Rancho California Water District.

#### 10. WATERLINE MATERIALS

All materials utilized for the waterline relocations shall be in accordance with the Rancho California Water District Approved List of Materials and technical specifications. Any substitution will be subject to Rancho California Water District procedures outlined in General Provisions Article 7.

#### 11. VALVE OPERATION

All valves shall be operated only by Rancho California Water District operations staff, unless otherwise directed in writing by the District.

#### 12. HANDLING AND STORAGE OF MATERIALS

All materials shall be handled in such a manner as to prevent damage and, in the case of water system work, maintain sanitary conditions. All materials for use in the work shall be stored by the Contractor in such a manner as to prevent damage from exposure to the elements, admixture of foreign materials or from any other cause. The Contractor shall be entirely responsible for damage or loss by weather or other causes as to work under the Contract.

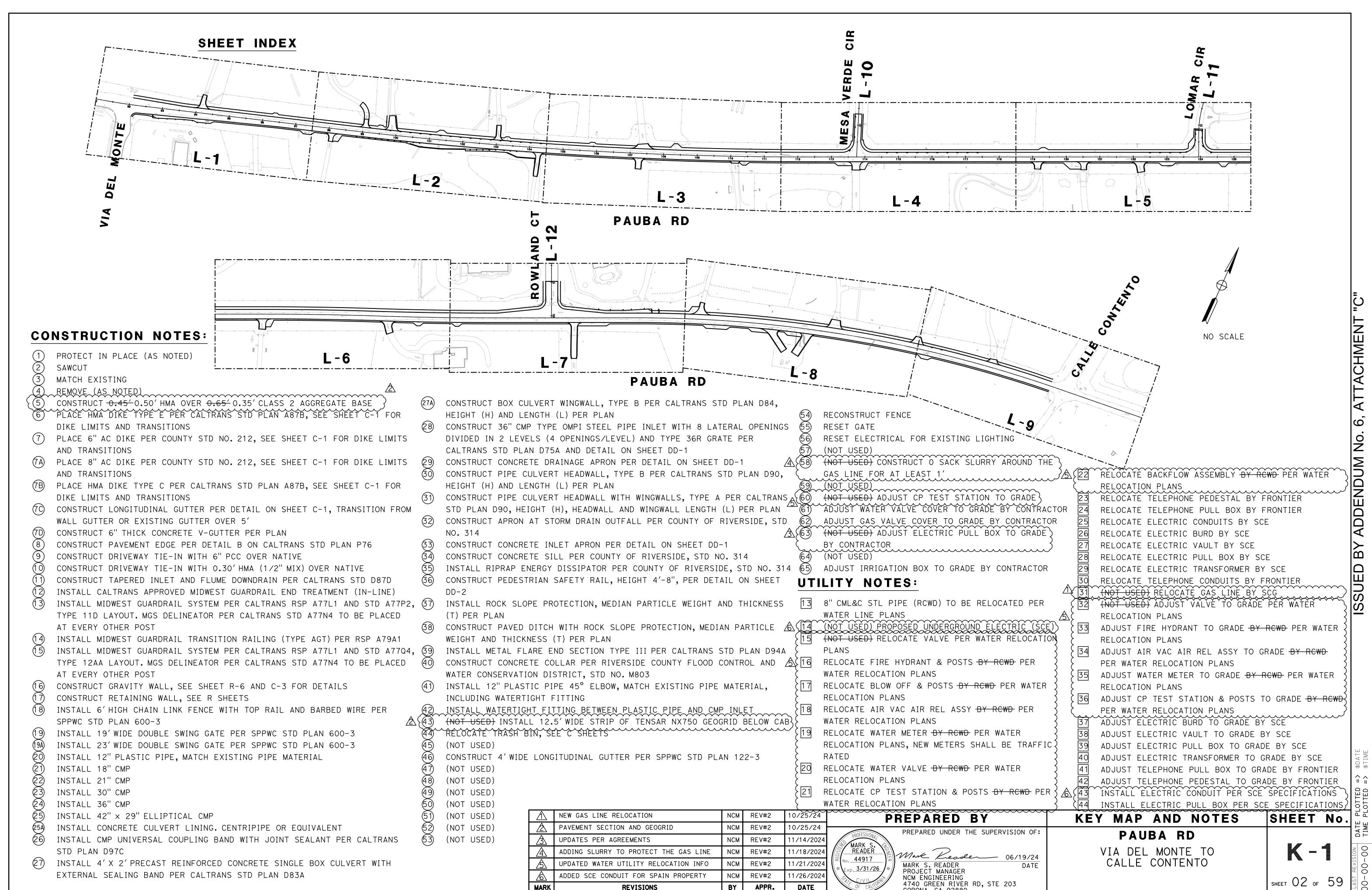
### 13. CONTRACTOR'S SUBMITTALS

All shop drawings shall be processed for the waterline materials and appurtenances through the County but shall be in accordance with the Rancho California Water District requirements outlined in General Provisions Article 8.

Any substitution will be subject to Rancho California Water District procedures outlined in General Provisions Article 7.

# 14. RECORD ("AS-BUILT") DRAWINGS

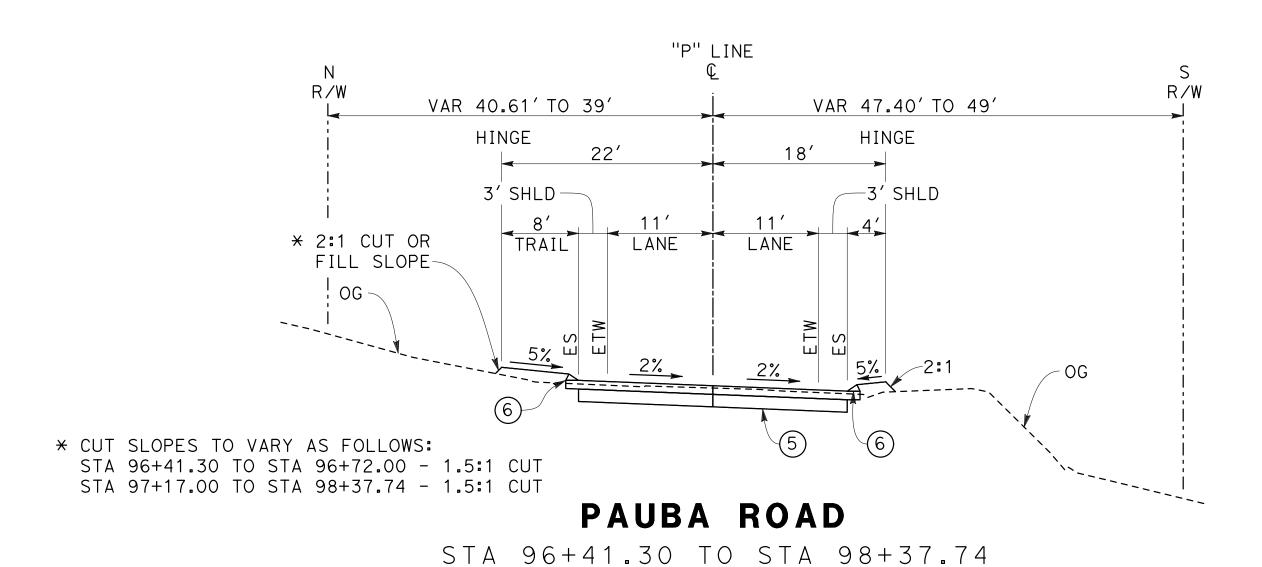
The Contractor shall prepare a complete "as-built" record set in accordance with Rancho California Water District procedures outlined in General Provisions Article 56.

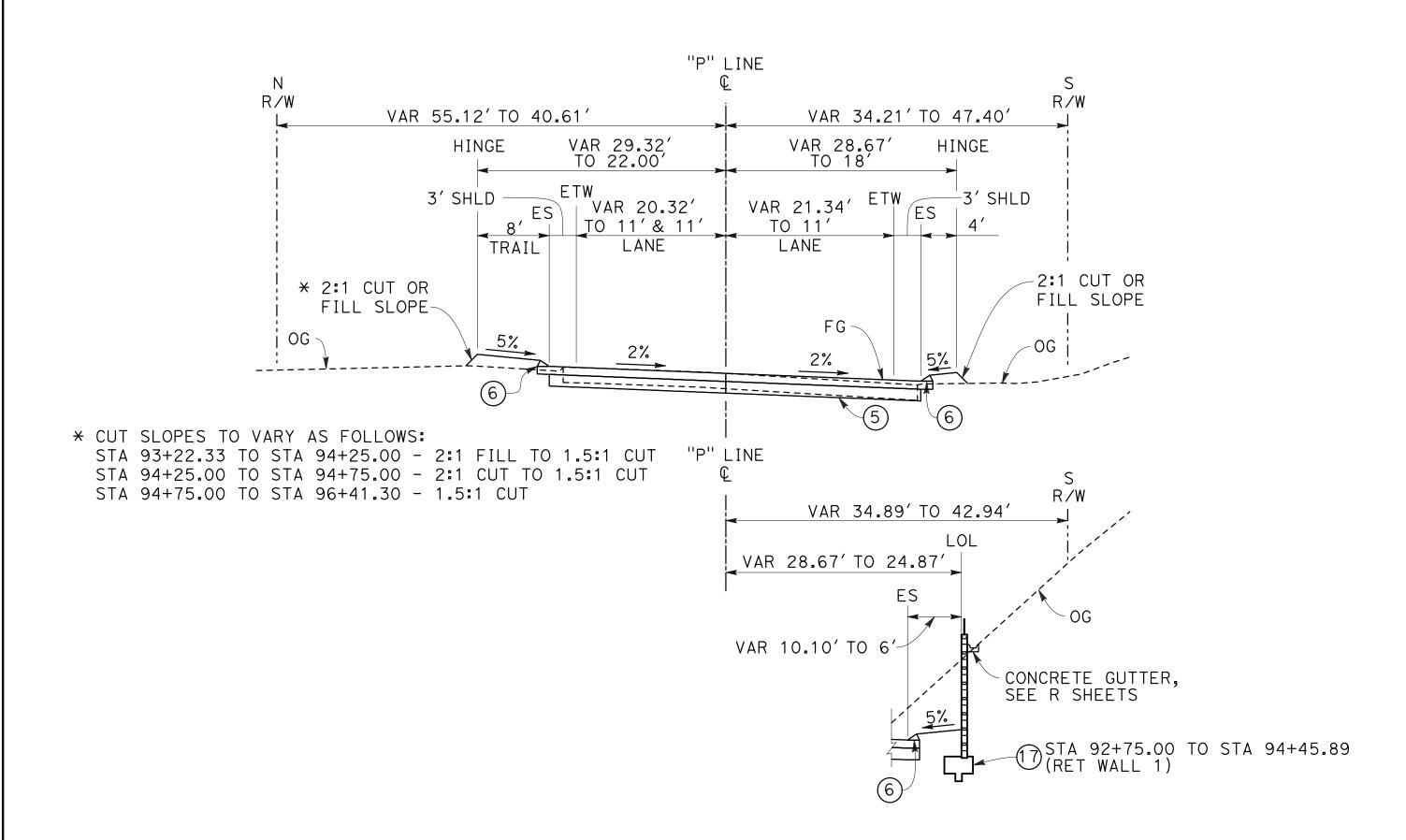


CORONA, CA 92880

#### NOTES:

1. GRADED SLOPES MAY VARY BEHIND CULVERT HEADWALLS. SEE DRAINAGE SHEETS FOR VARIABLE SLOPE LIMITS.

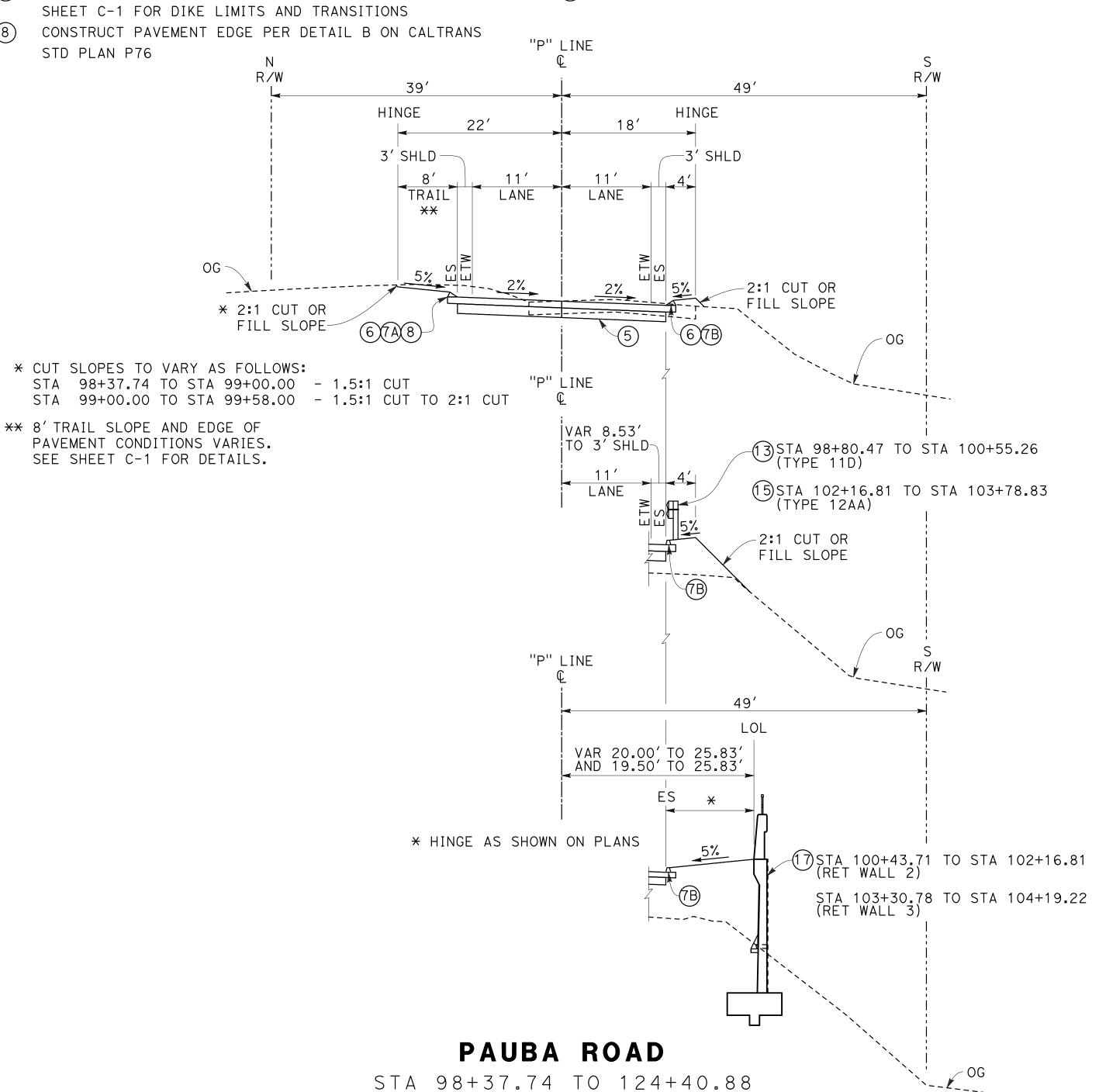




NTS

#### **CONSTRUCTION NOTES:**

- CONSTRUCT <del>0.45'</del> 0.50' HMA OVER <del>0.65'</del> 0.35' CLASS 2 AGGREGATE BASE
- PLACE HMA DIKE TYPE E PER CALTRANS STD PLAN A87B, SEE SHEET C-1 FOR DIKE LIMITS AND TRANSITIONS
- PLACE 8" AC DIKE PER COUNTY STD NO. 212, SEE SHEET C-1 FOR DIKE LIMITS AND TRANSITIONS
- PLACE HMA DIKE TYPE C PER CALTRANS STD PLAN A87B, SEE
- INSTALL MIDWEST GUARDRAIL SYSTEM PER CALTRANS RSP A77L1 AND STD A77P2, TYPE 11D LAYOUT. MGS DELINEATOR PER CALTRANS STD A77N4 TO BE PLACED AT EVERY OTHER POST
- INSTALL MIDWEST GUARDRAIL SYSTEM PER CALTRANS RSP A77L1 AND STD A77Q4, TYPE 12AA LAYOUT. MGS DELINEATOR PER CALTRANS STD A77N4 TO BE PLACED AT EVERY OTHER POST
  - CONSTRUCT RETAINING WALL, SEE R SHEETS



NTS

#### PAUBA ROAD

<u>STA 92+10.00 TO STA 96+41.30</u> NTS

					\\\\\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
					REG/S/Z
$\triangle$	PAVEMENT SECTION AND GEOGRID	NCM	REV#2	10/25/2024	

PREPARED UNDER THE SUPERVISION OF: Mark Reader 06/19/24 MARK S. READER PROJECT MANAGER xp. 3/31/26 NCM ENGINEERING 4740 GREEN RIVER RD, STE 203 CORONA, CA 92880

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DGN FILE => \$REQUEST

PREPARED BY

VIA DEL MONTE TO CALLE CONTENTO TYPICAL SECTIONS

TYPICAL SECTIONS

PAUBA RD

X-1SHEET 03 OF 59

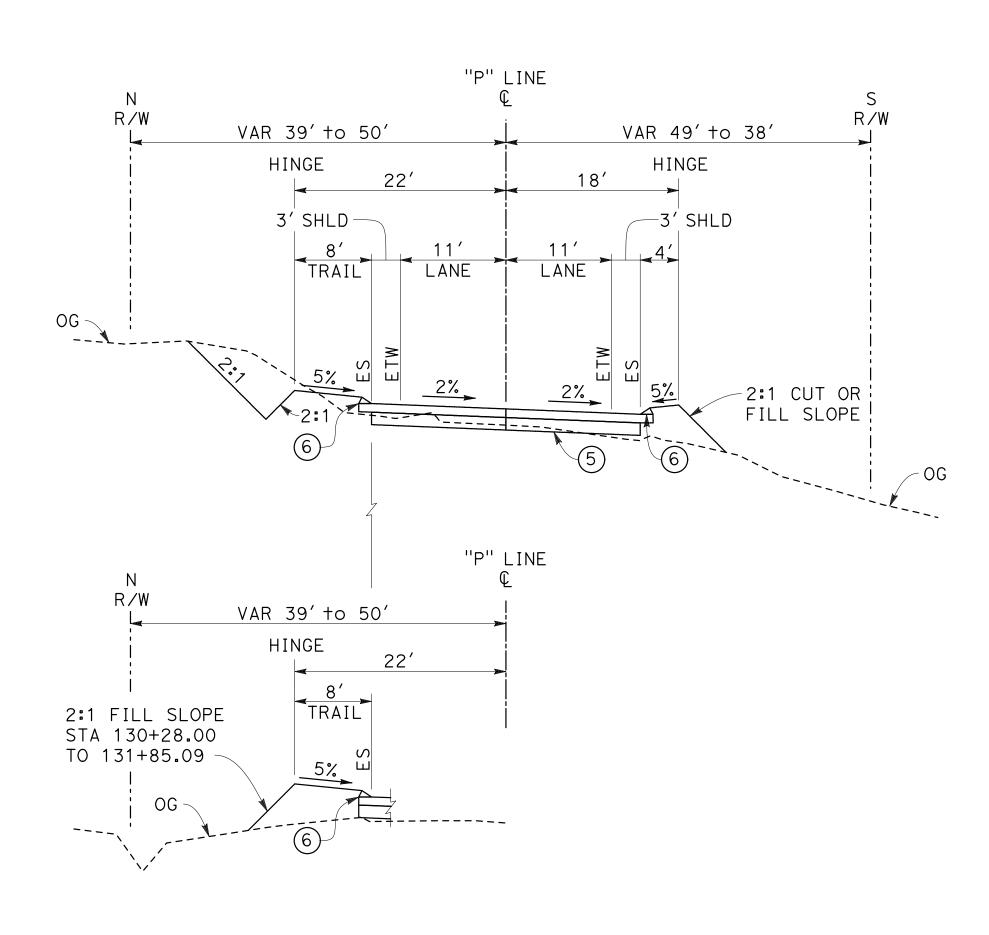
SHEET No.

#### NOTES:

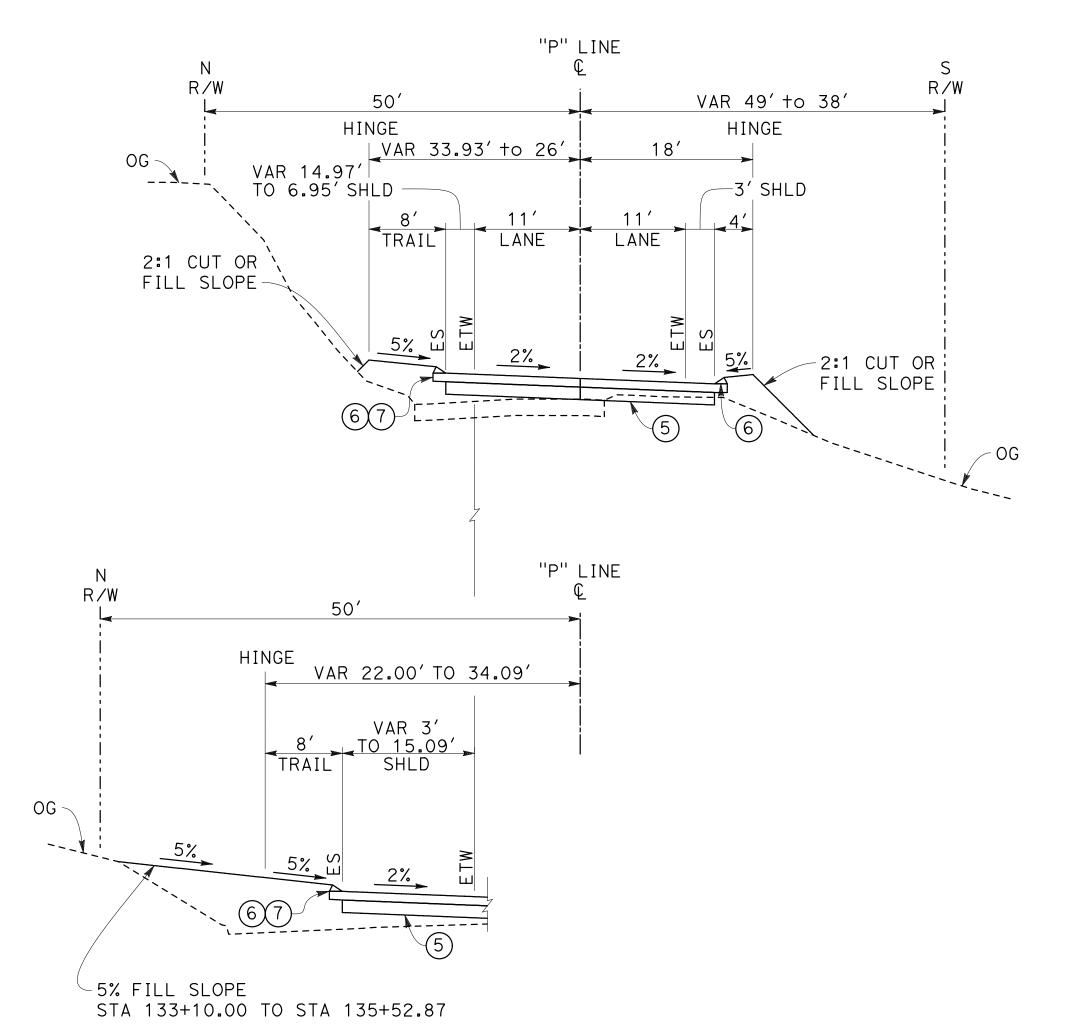
1. GRADED SLOPES MAY VARY BEHIND CULVERT HEADWALLS. SEE DRAINAGE SHEETS FOR VARIABLE SLOPE LIMITS.

#### **CONSTRUCTION NOTES:**

- CONSTRUCT <del>0.45'</del> 0.50' HMA OVER <del>0.65'</del> 0.35' CLASS 2
  - AGGREGATE BASE
    PLACE HMA DIKE TYPE E PER CALTRANS STD PLAN A87B, SEE SHEET C-1 FOR DIKE LIMITS AND TRANSITIONS
- PLACE 6" AC DIKE PER COUNTY STD NO. 212, SEE SHEET C-1 FOR DIKE LIMITS AND TRANSITIONS
- CONSTRUCT RETAINING WALL, SEE R SHEETS



PAUBA ROAD STA 124+40.88 TO STA 133+10.00 NTS

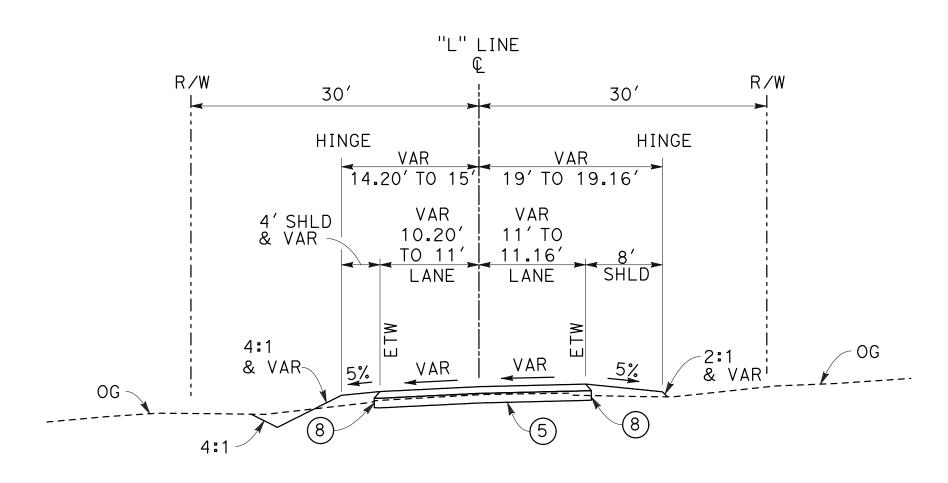


PAUBA ROAD STA 133+10.00 TO STA 136+74.00 NTS

À	PAVEMENT SECTION AND GEOGRID	NCM	REV#2	10/25/2024	PREPARED BY	TYPICAL SECTIONS	SHEET No.
					PREPARED UNDER THE SUPERVISION OF:	PAUBA RD	
					MARK S. READER No. 44917 MARK S. READER DATE	VIA DEL MONTE TO CALLE CONTENTO	<b>X-2</b>
MARK	REVISIONS	BY	APPR.	DATE	PROJECT MANAGER NCM ENGINEERING 4740 GREEN RIVER RD, STE 203 CORONA, CA 92880	TYPICAL SECTIONS	SHEET 04 OF 59

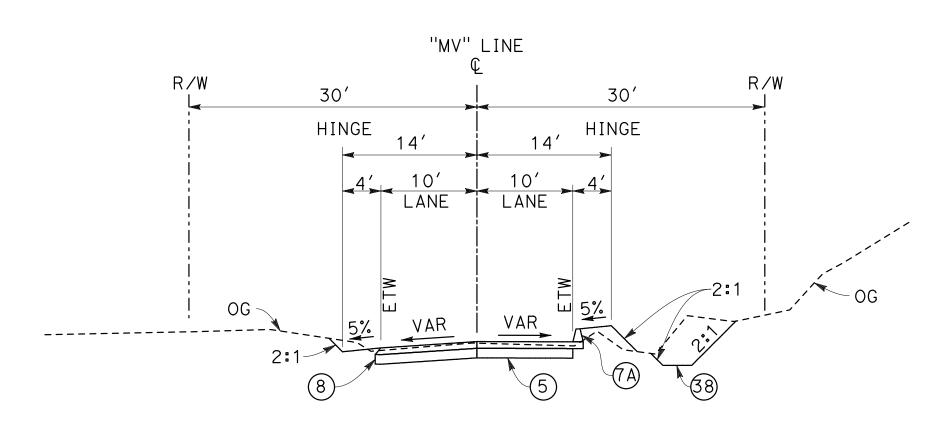
### ROWLAND COURT

"R" LINE STA 49+94.00 TO STA 50+72.32



## LOMAR CIRCLE

"L" LINE STA 50+05.00 TO STA 50+88.54 NTS



### MESA VERDE CIR

"MV" LINE STA 50+05.01 TO STA 51+33.45 NTS

## PAVEMENT SECTION AND GEOGRID NCM REV#2 10/25/2024 DATE **REVISIONS** BY

NOTES:

## PREPARED BY PREPARED UNDER THE SUPERVISION OF: Mark Readen 06/19/24 MARK S. READER PROJECT MANAGER NCM ENGINEERING 4740 GREEN RIVER RD, STE 203 CORONA, CA 92880 3/31/26

## PAUBA RD VIA DEL MONTE TO CALLE CONTENTO TYPICAL SECTIONS

TYPICAL SECTIONS

## **X** - **3** SHEET 05 of 59

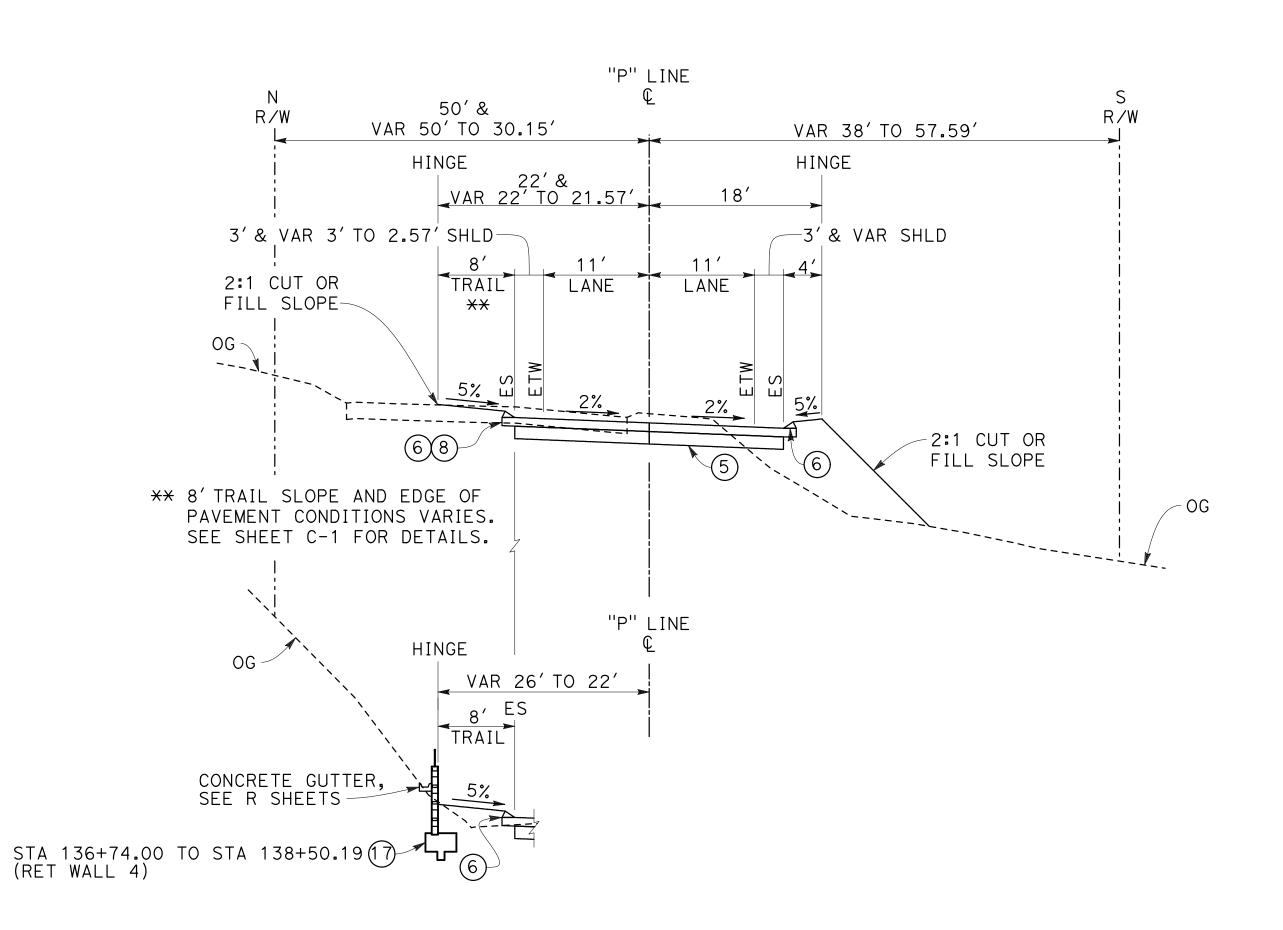
SHEET No.

#### **CONSTRUCTION NOTES:**

1. GRADED SLOPES MAY VARY BEHIND CULVERT HEADWALLS.

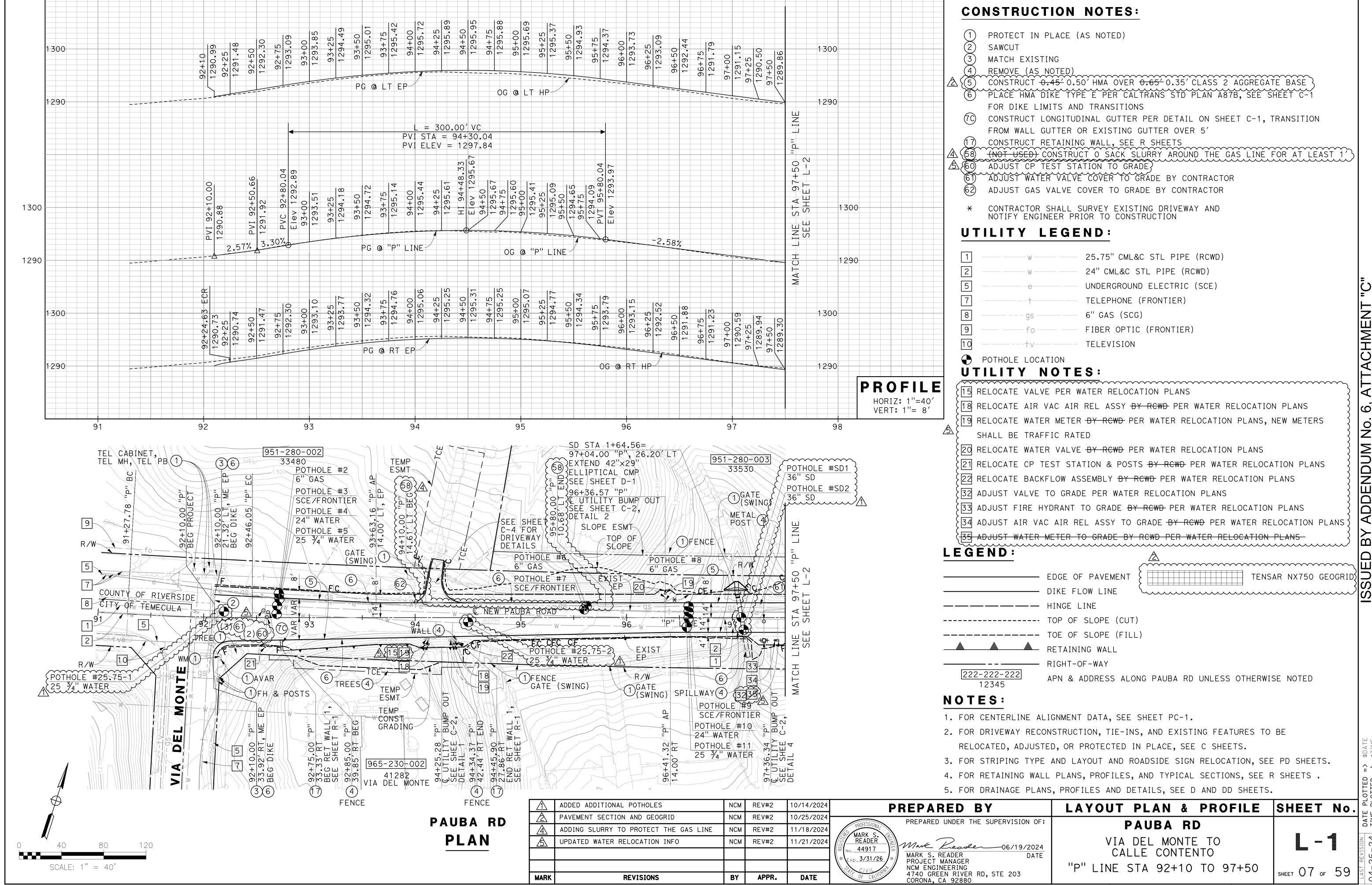
SEE DRAINAGE SHEETS FOR VARIABLE SLOPE LIMITS.

- CONSTRUCT <del>0.45′</del> 0.50′ HMA OVER <del>0.65′</del> 0.35′ CLASS 2 AGGREGATE BASE PLACE HMA DIKE TYPE E PER CALTRANS STD PLAN A87B, SEE
  - SHEET C-1 FOR DIKE LIMITS AND TRANSITIONS
  - PLACE 6" AC DIKE PER COUNTY STD NO. 212, SEE SHEET C-1 FOR DIKE LIMITS AND TRANSITIONS (7A) PLACE 8" AC DIKE PER COUNTY STD NO. 212, SEE SHEET C-1
- FOR DIKE LIMITS AND TRANSITIONS
- CONSTRUCT PAVEMENT EDGE PER DETAIL B ON CALTRANS STD PLAN P76
- CONSTRUCT PAVED DITCH WITH ROCK SLOPE PROTECTION, MEDIAN PARTICLE WEIGHT AND THICKNESS (T) PER PLAN



## PAUBA ROAD

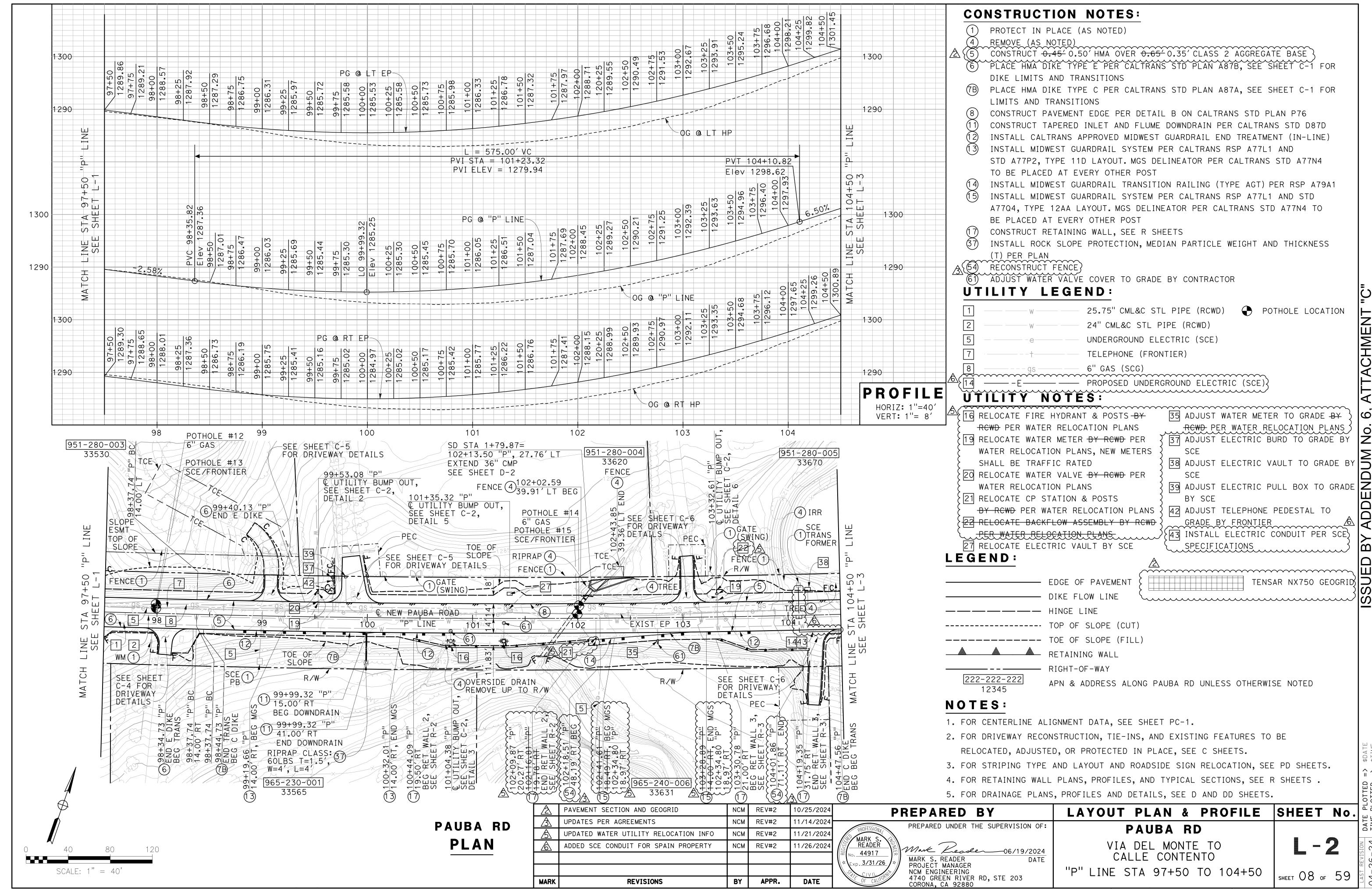
STA 136+74.00 TO 150+62.00



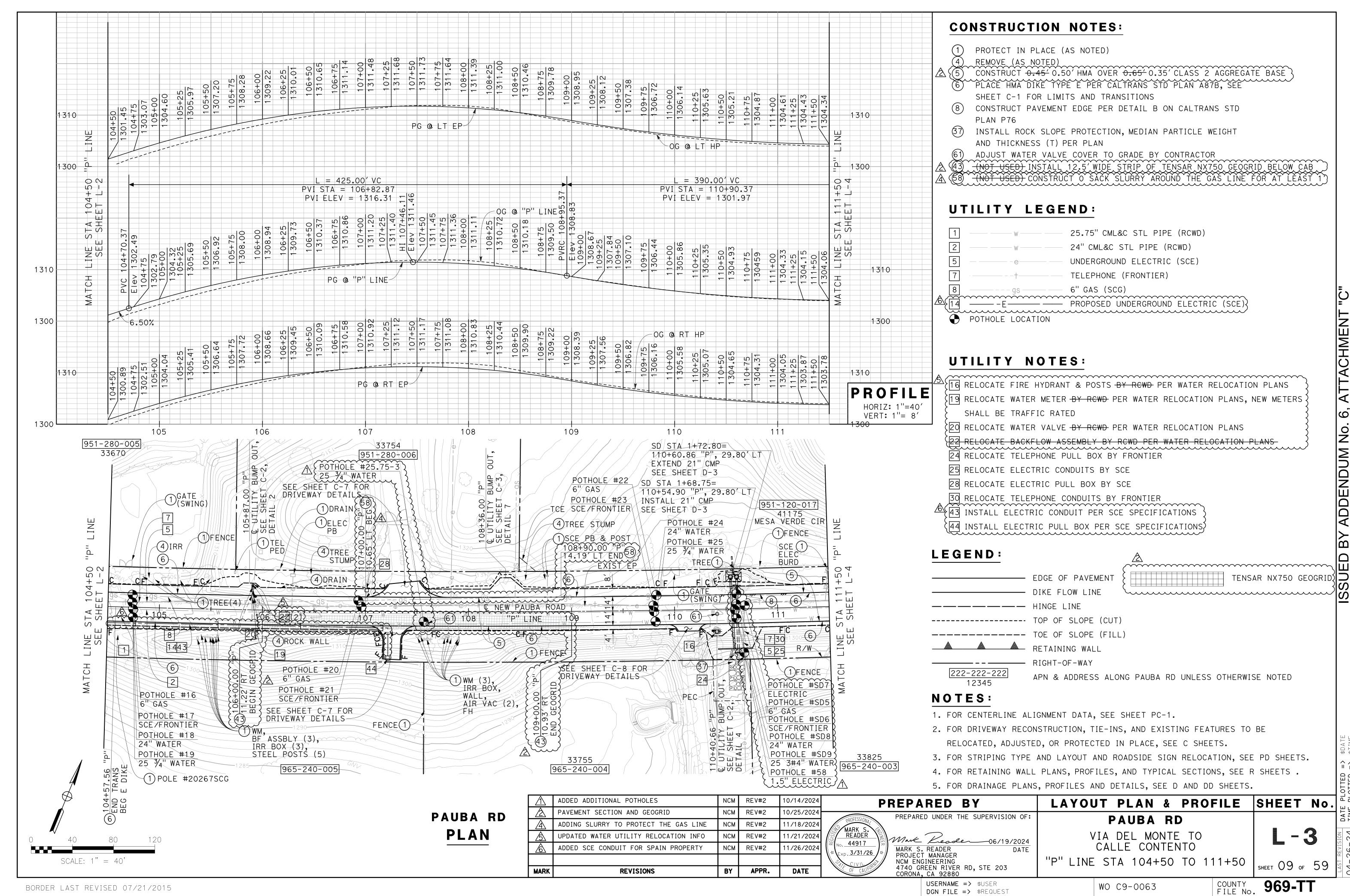
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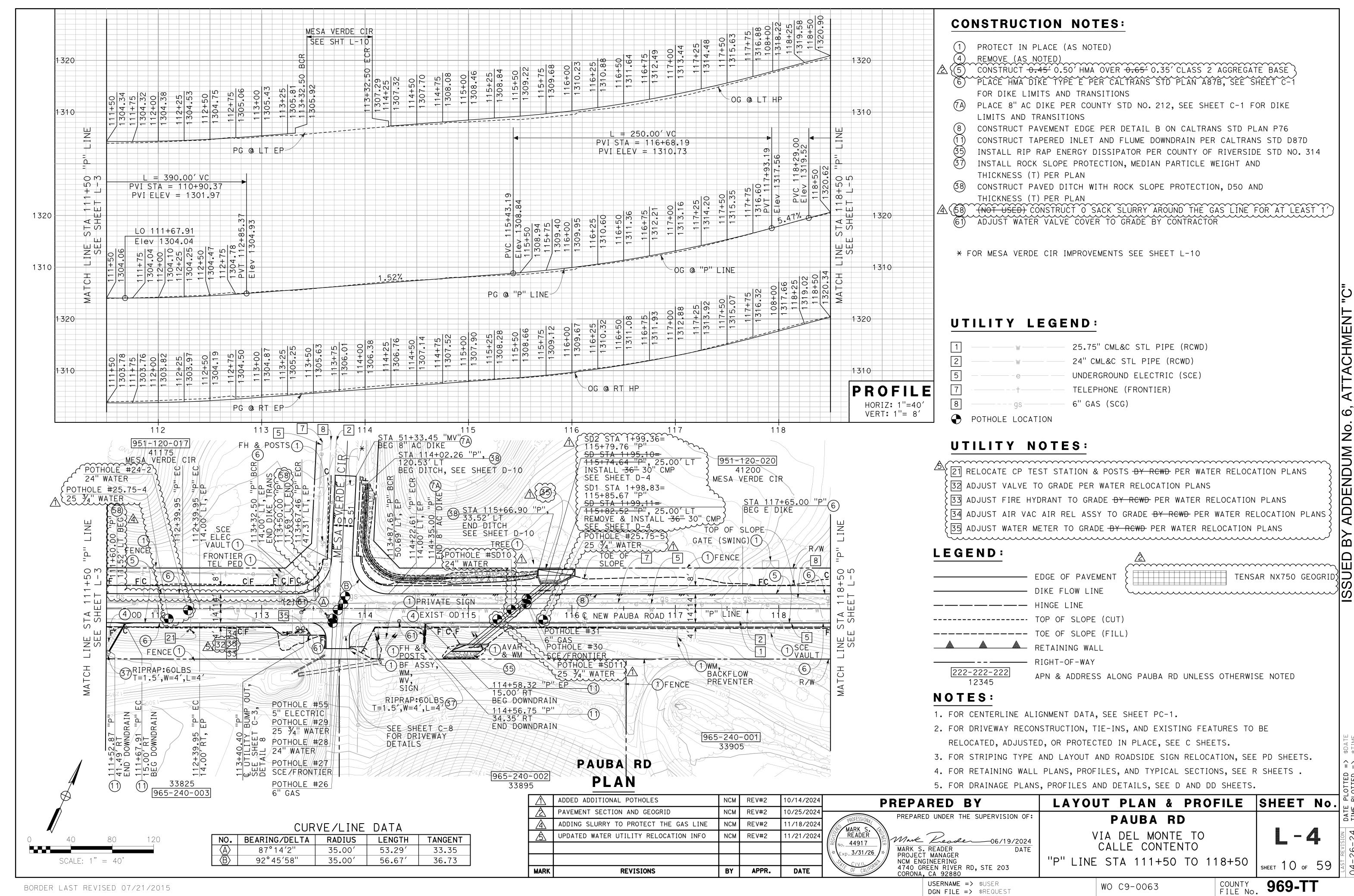
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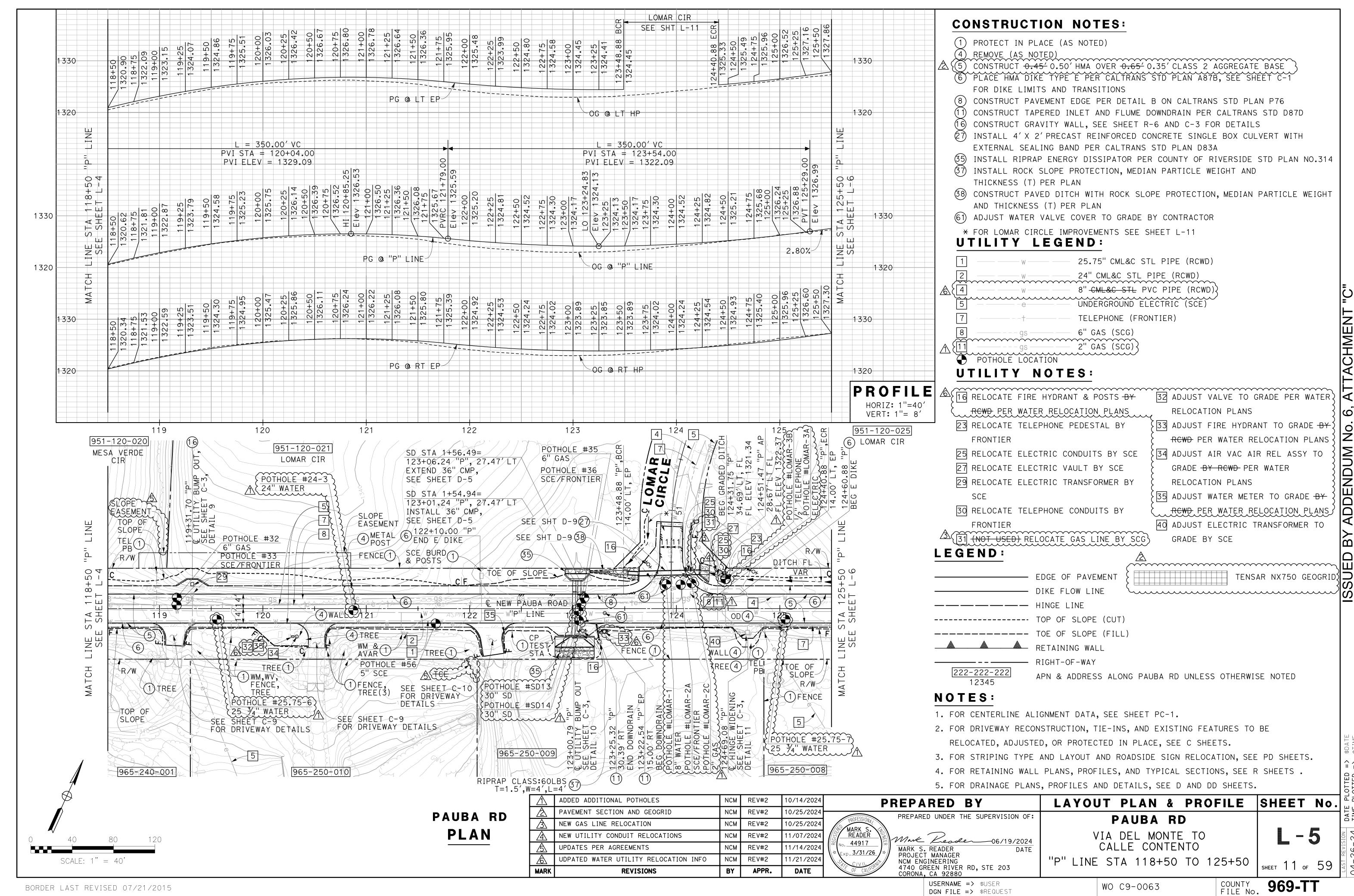
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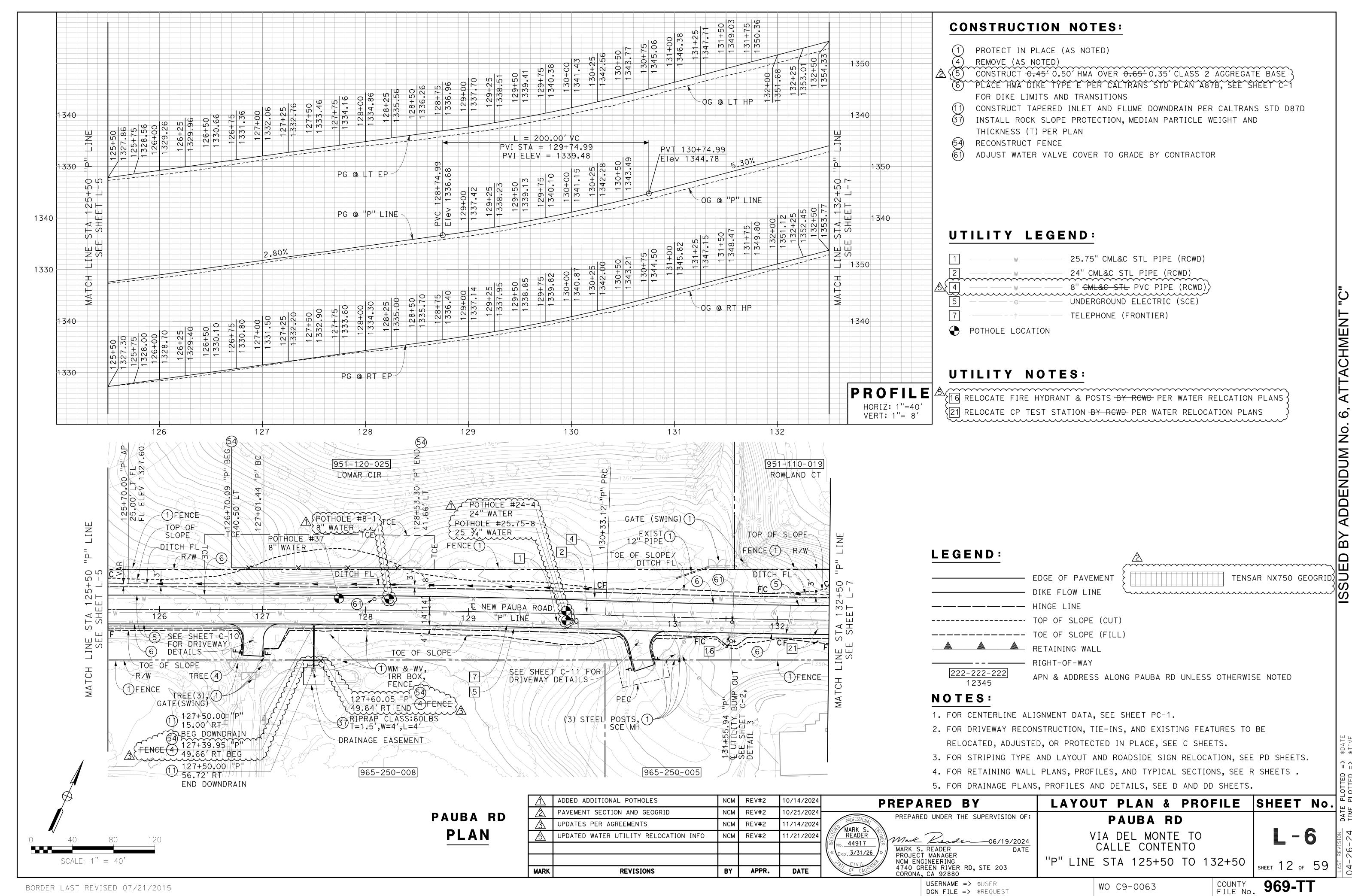


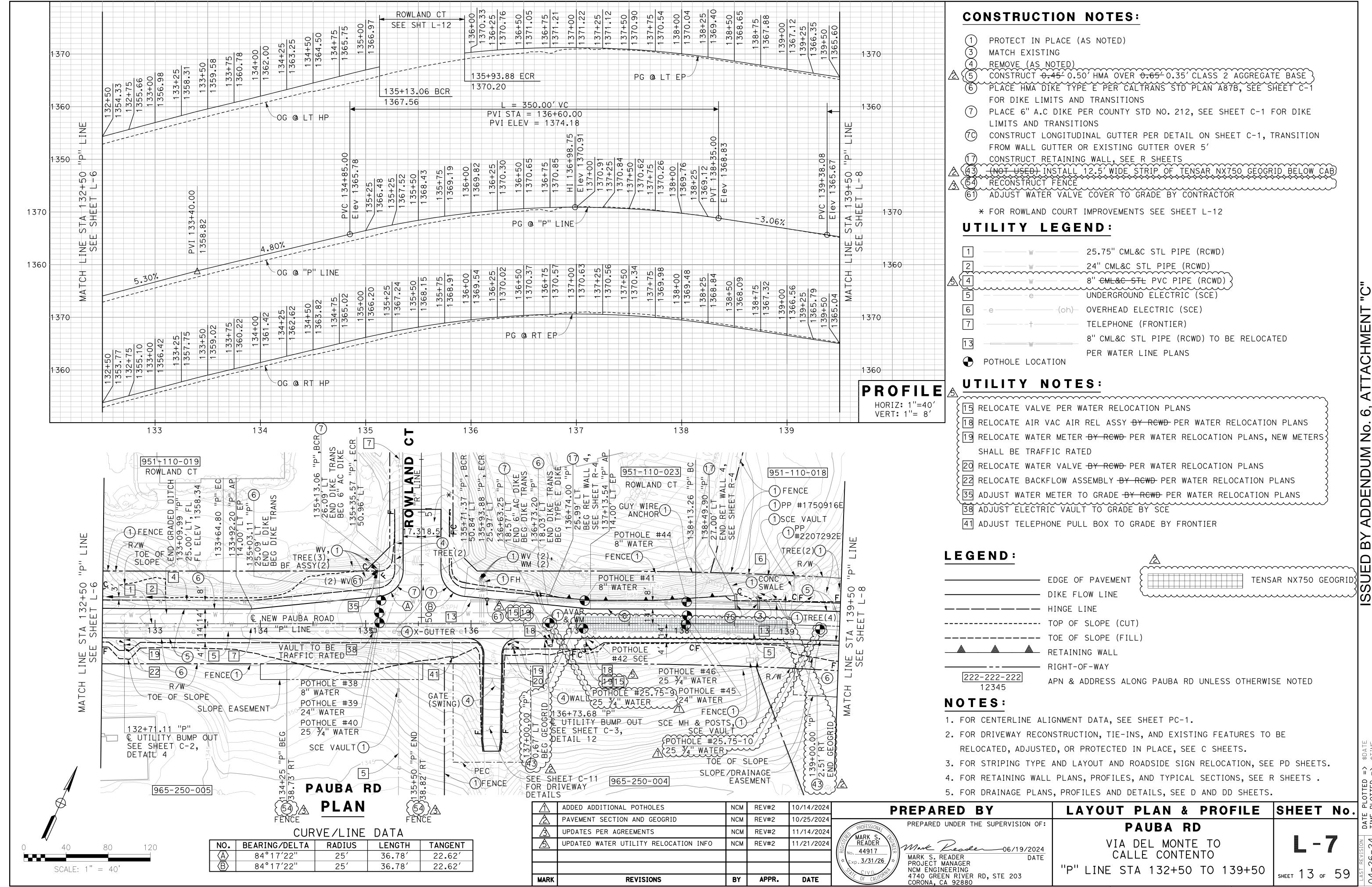
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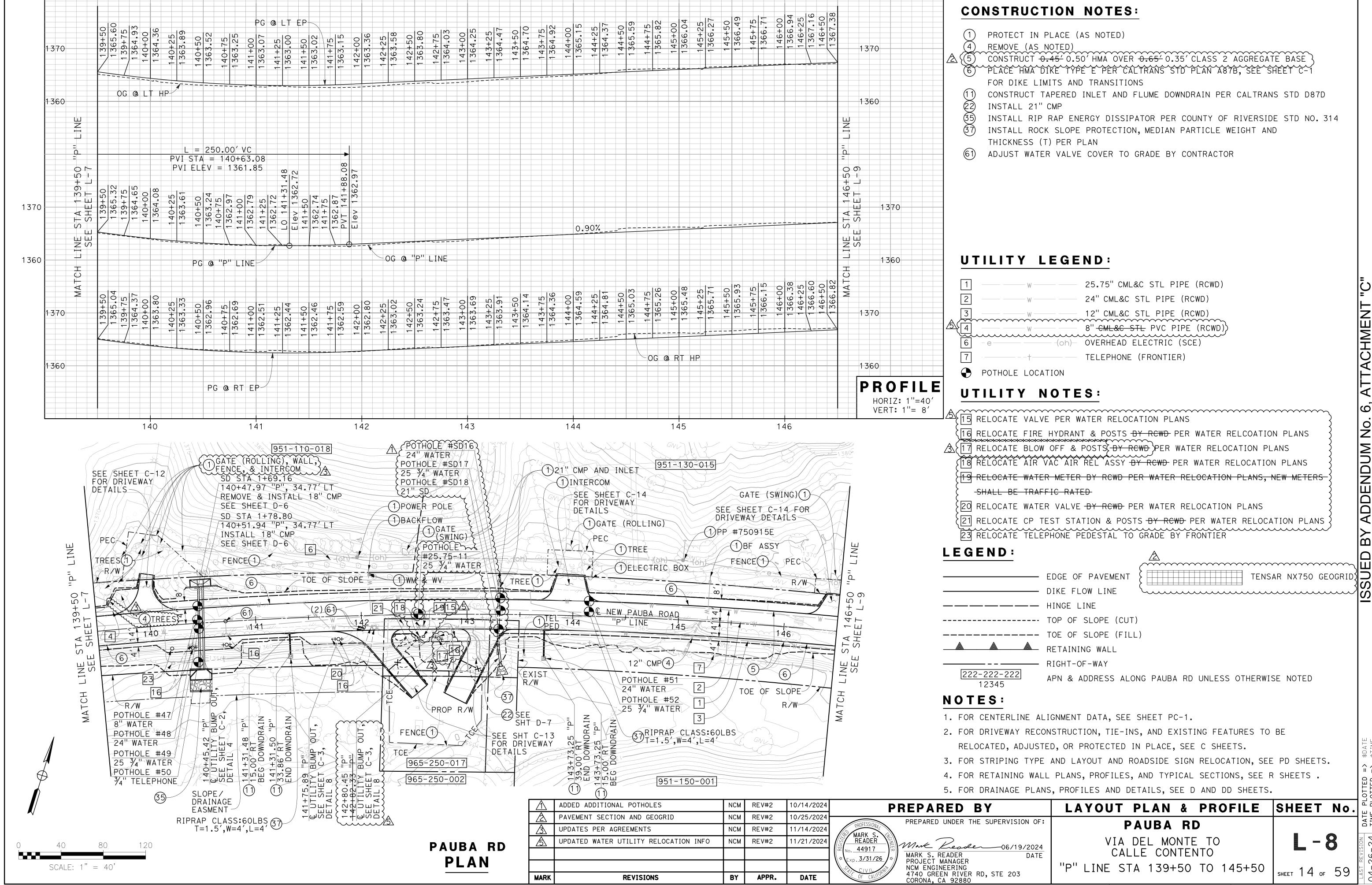












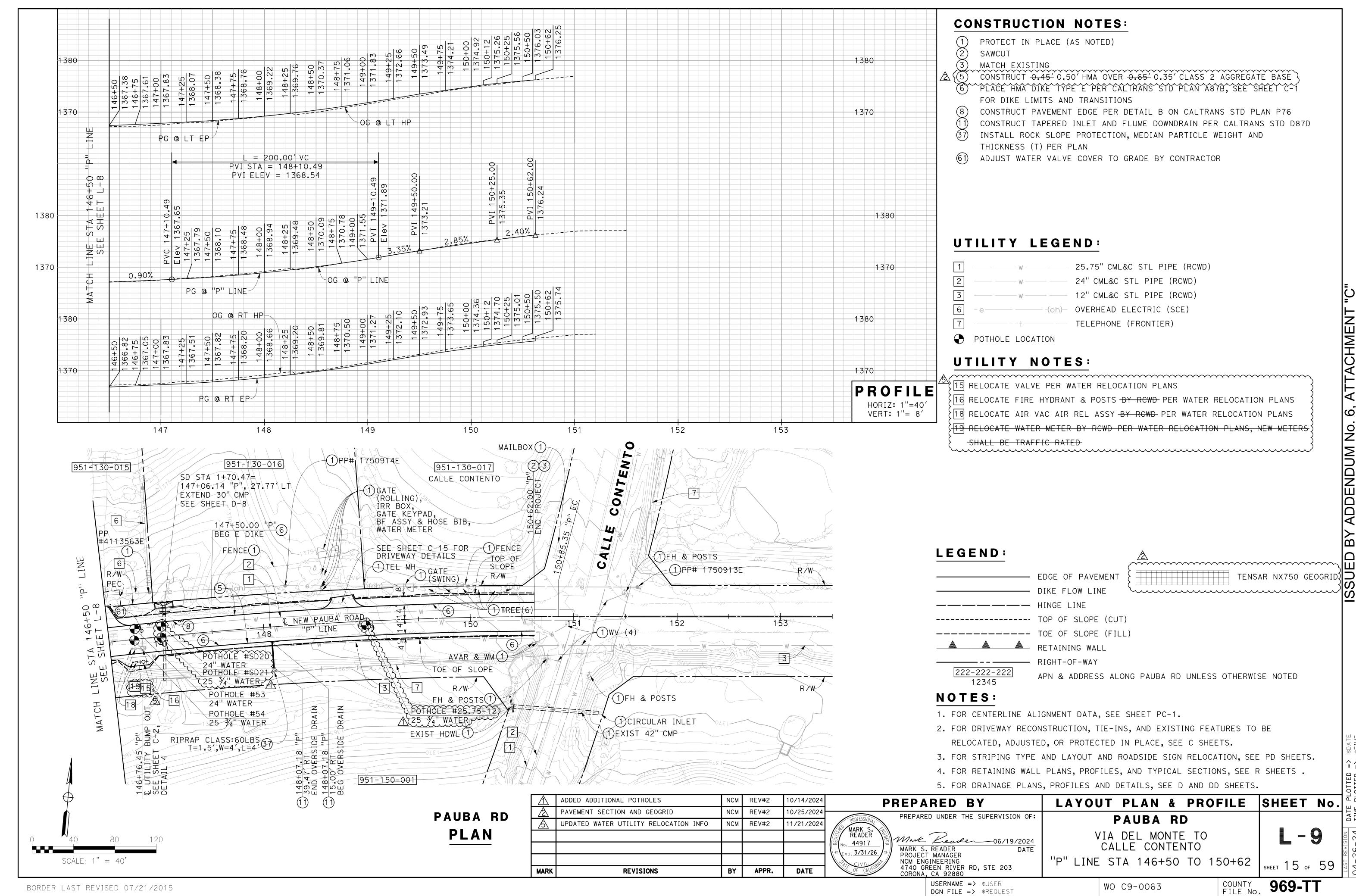
969-TT

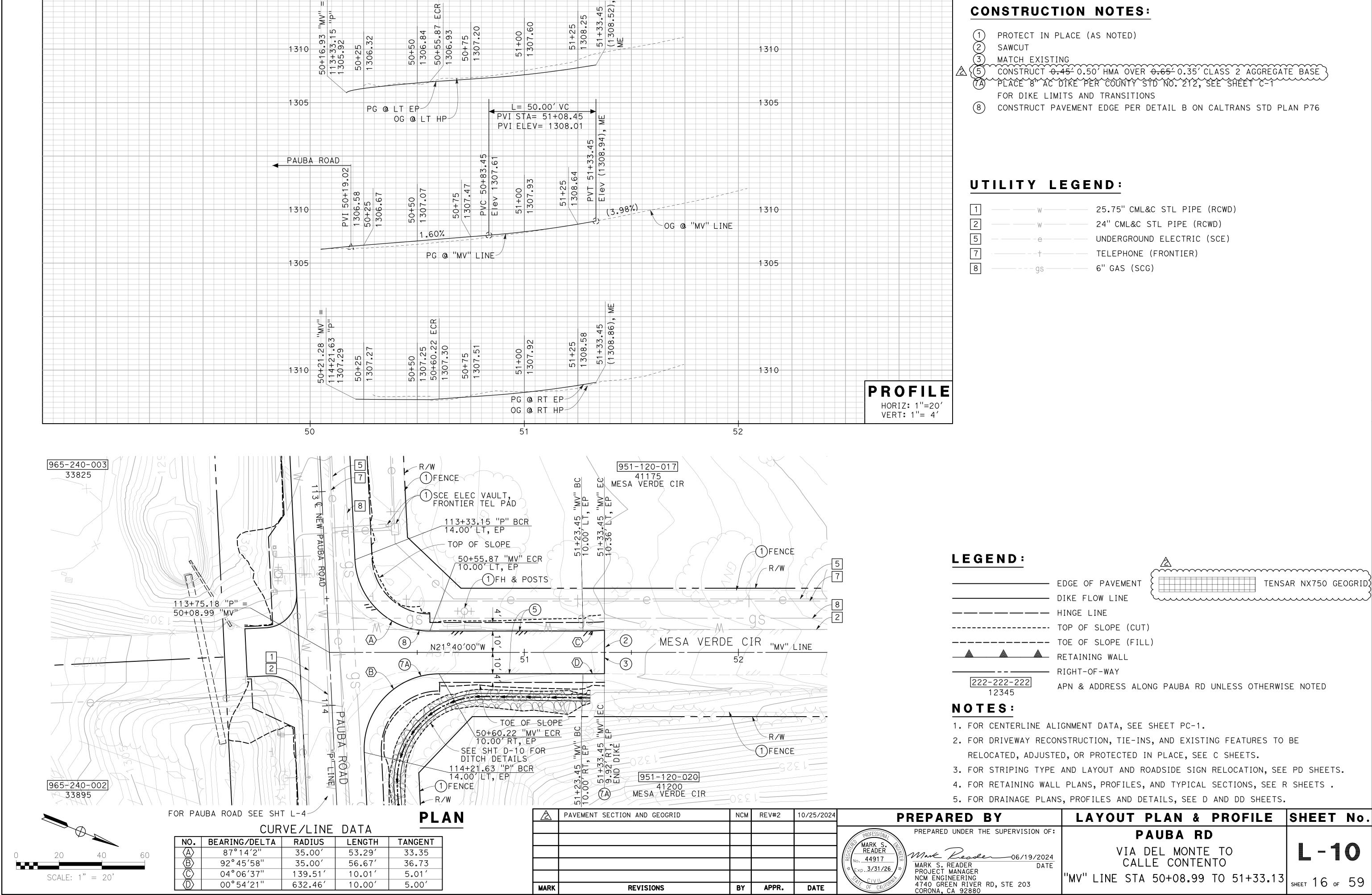
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ATTACHMENT

6

DENDUM No.

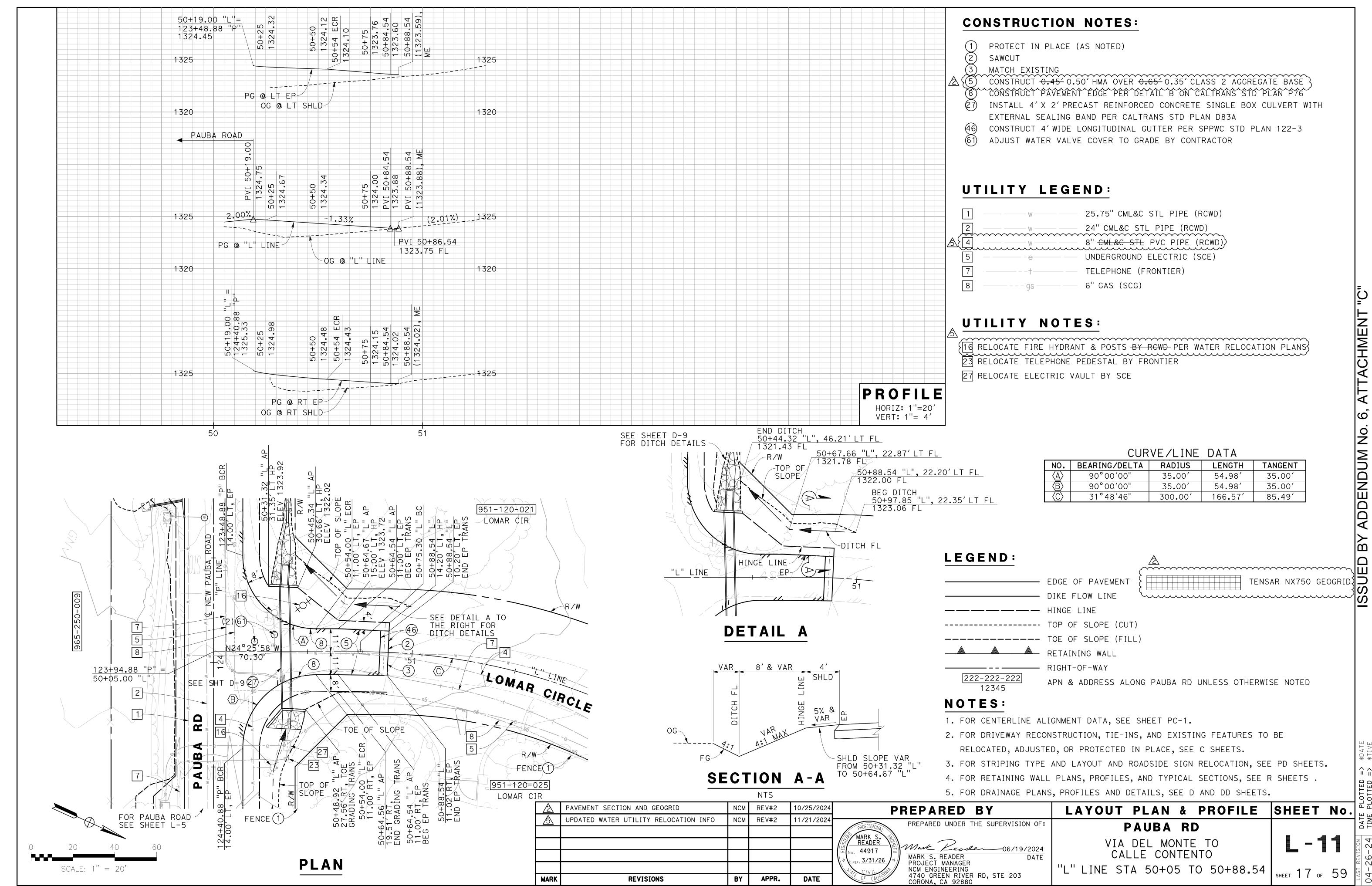


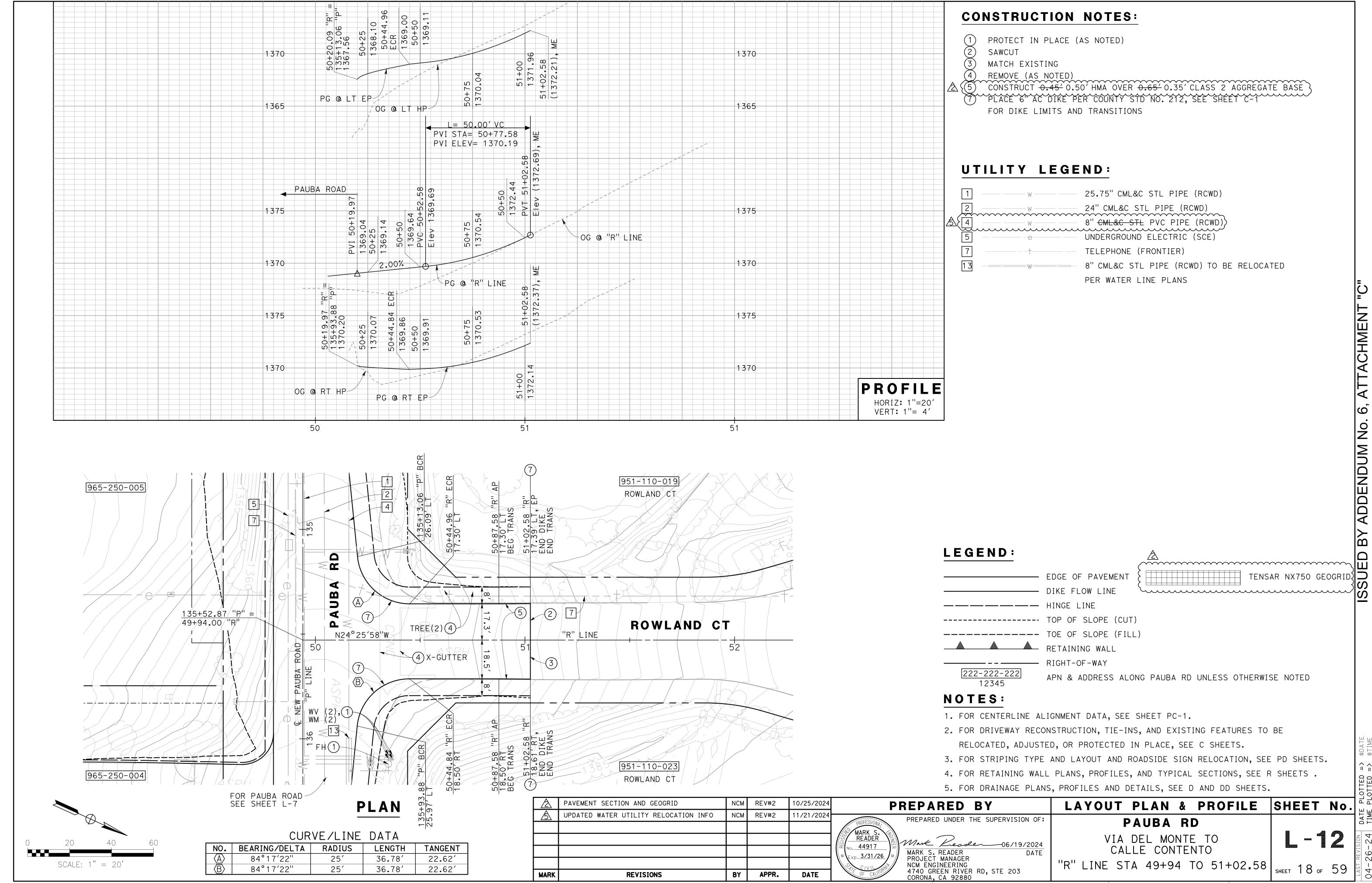


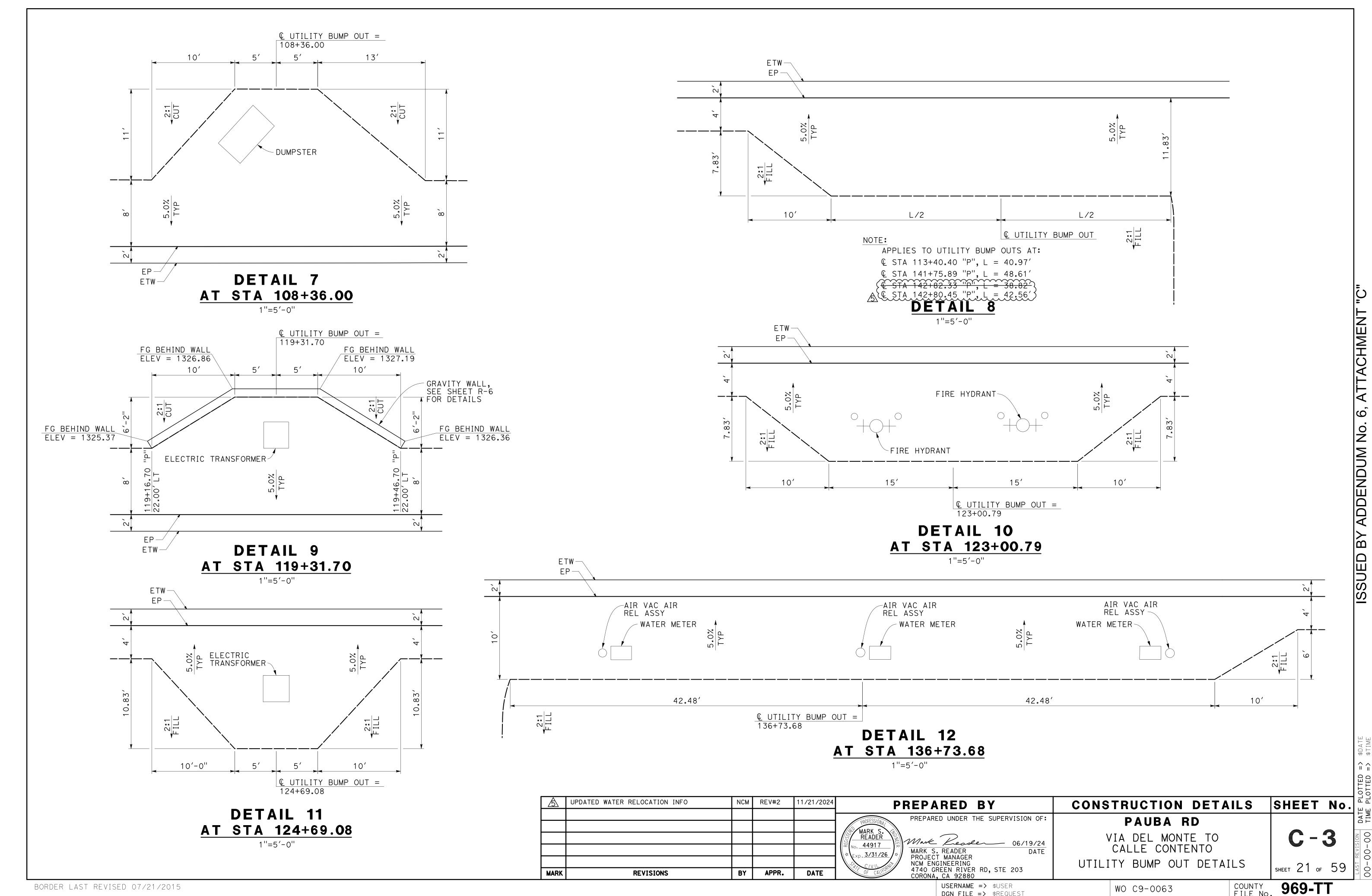
WO C9-0063

COUNTY FILE No.

BORDER LAST REVISED 07/21/2015

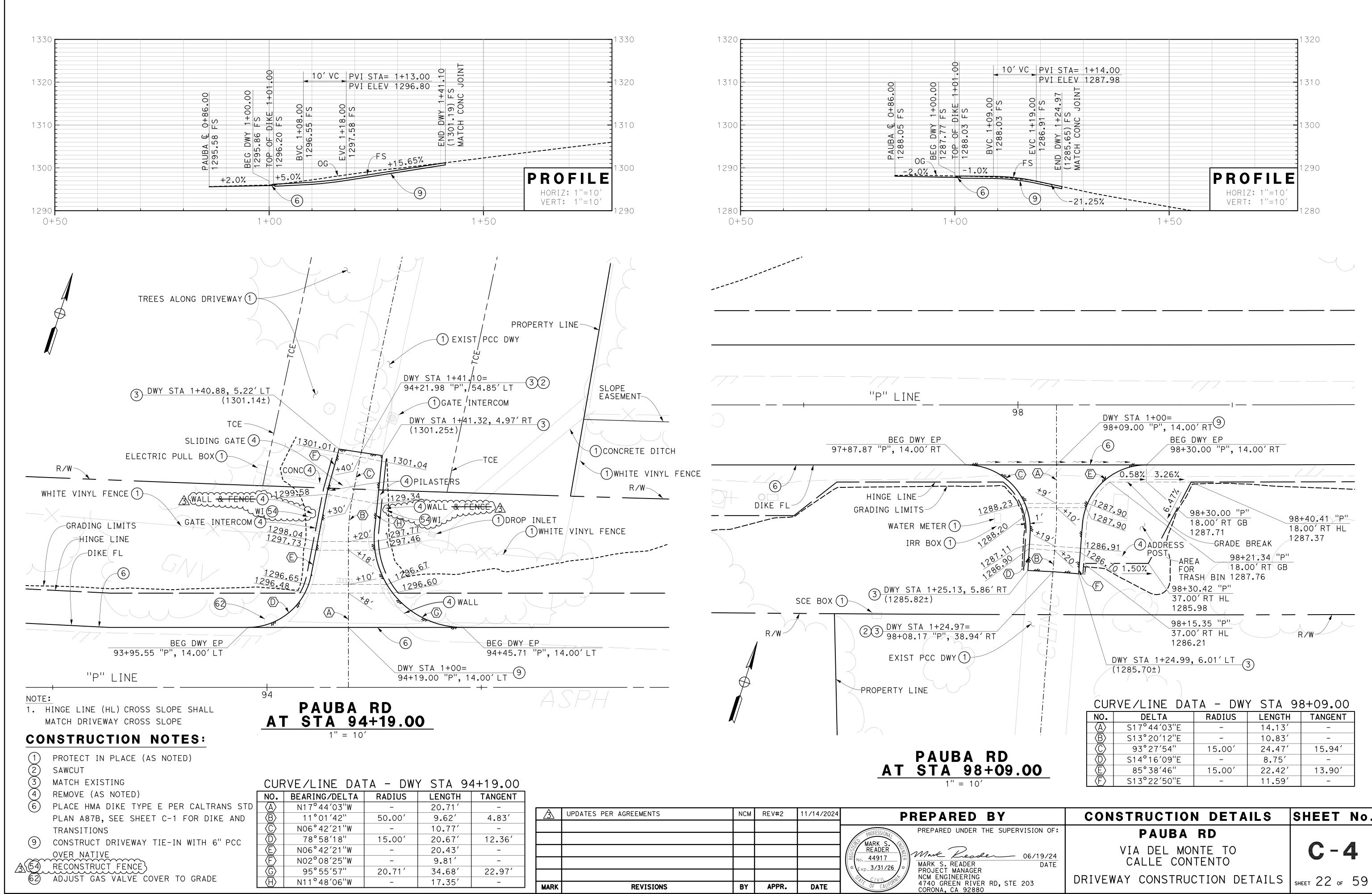






COUNTY FILE No.

WO C9-0063



APPR.

BY

DATE

BORDER LAST REVISED 07/21/2015

N11°48′06"W

17.35′

MARK

**REVISIONS** 

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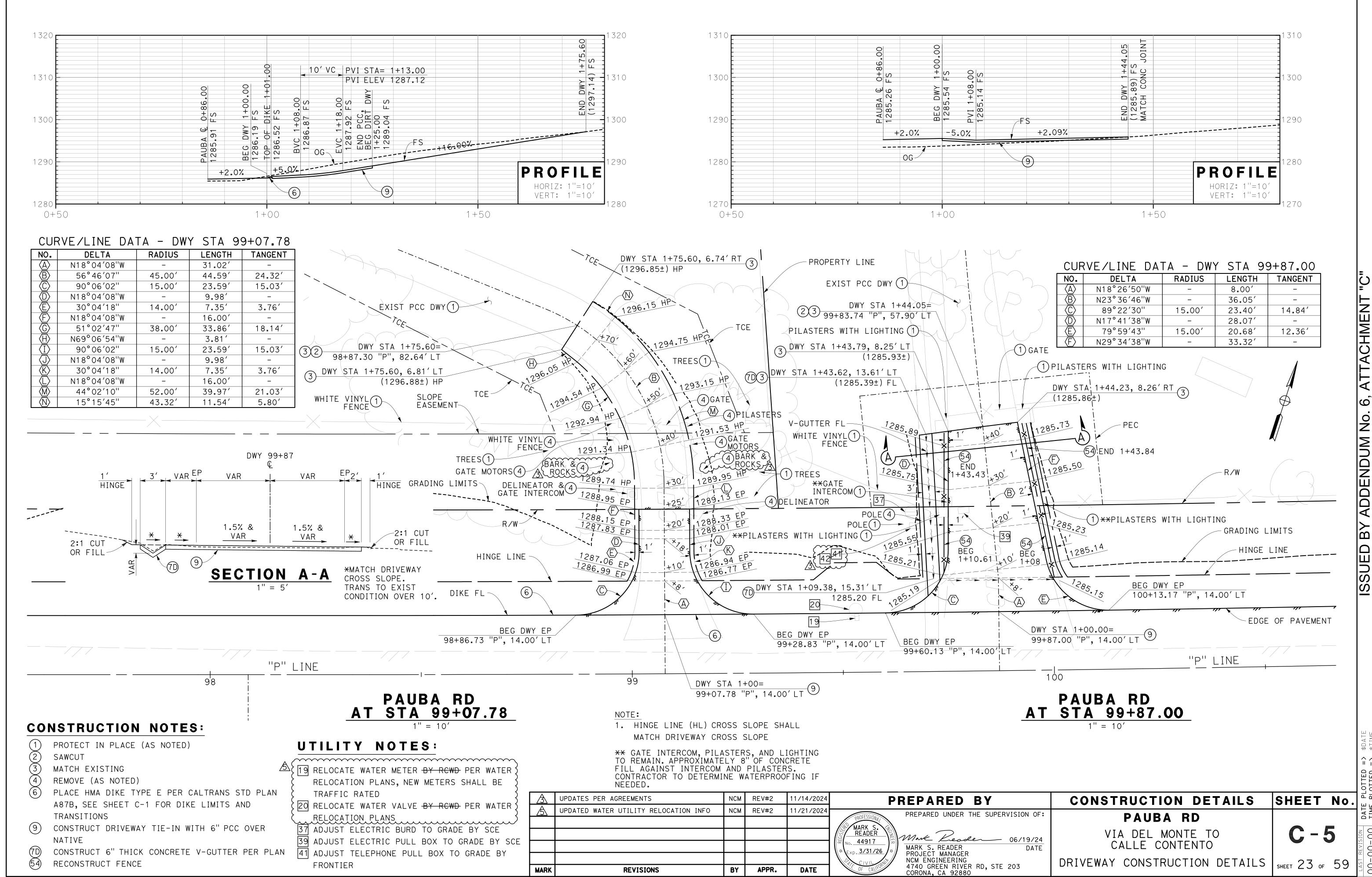
969-TT

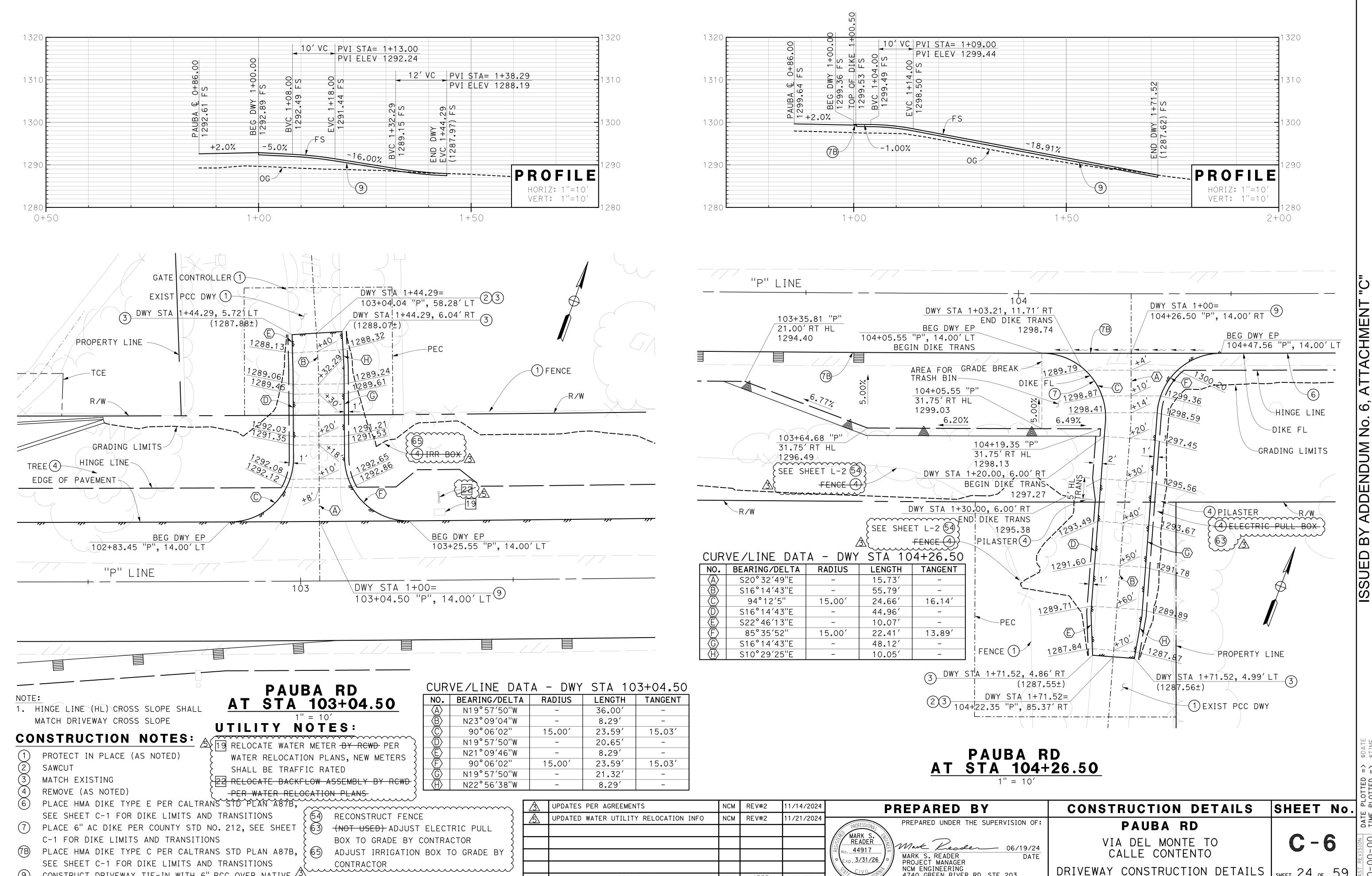
COUNTY FILE No.

SHEET 22 OF 59

DENDUM No. 6, ATTACHMENT

WO C9-0063





**REVISIONS** 

BY

BORDER LAST REVISED 07/21/2015

CONSTRUCT DRIVEWAY TIE-IN WITH 6" PCC OVER NATIVE 🖎

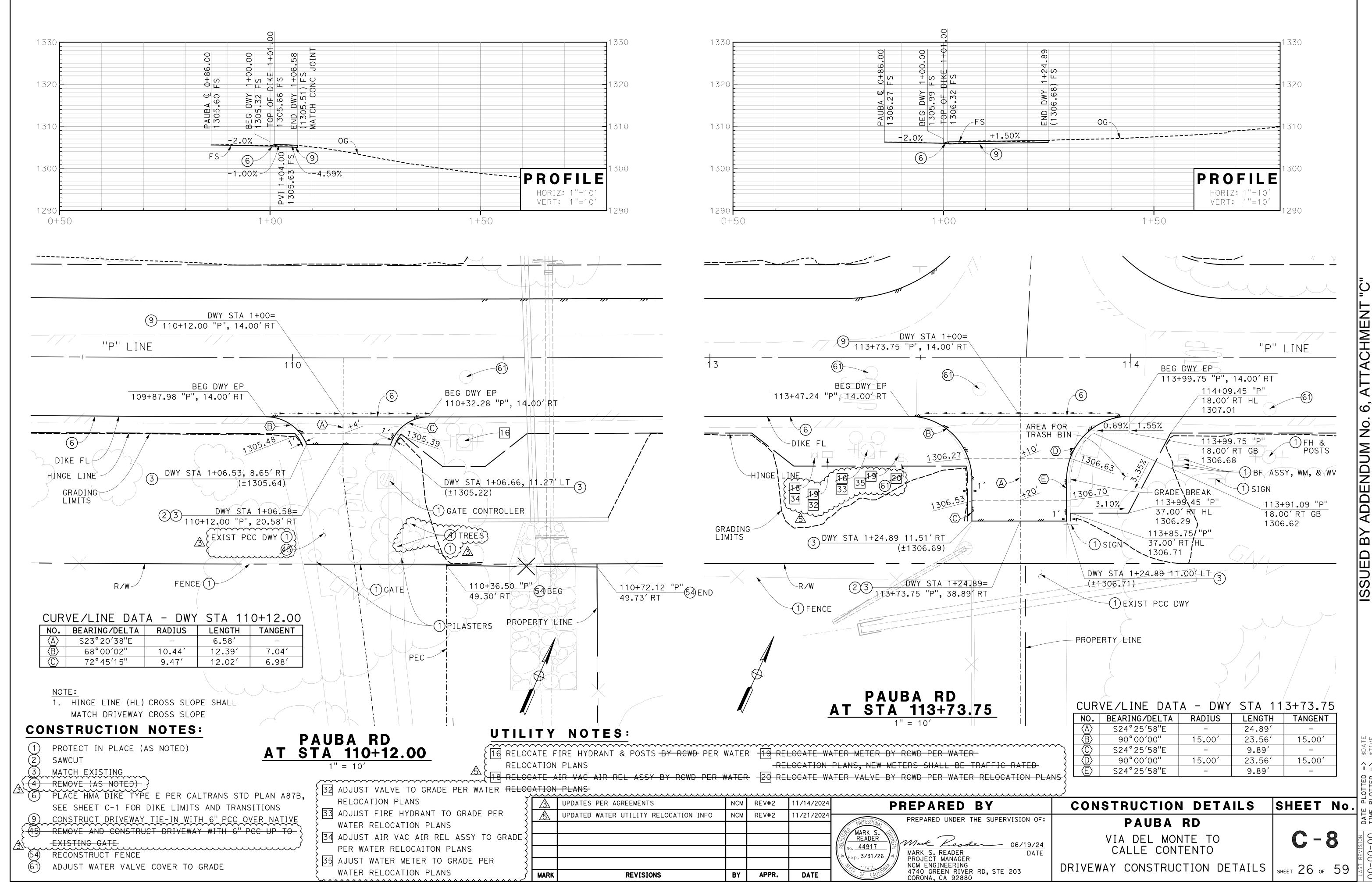
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4740 GREEN RIVER RD, STE 203 CORONA, CA 92880

WO C9-0063

969-TT COUNTY FILE No.

SHEET 24 OF 59



BORDER LAST REVISED 07/21/2015

WATER RELOCATION PLANS

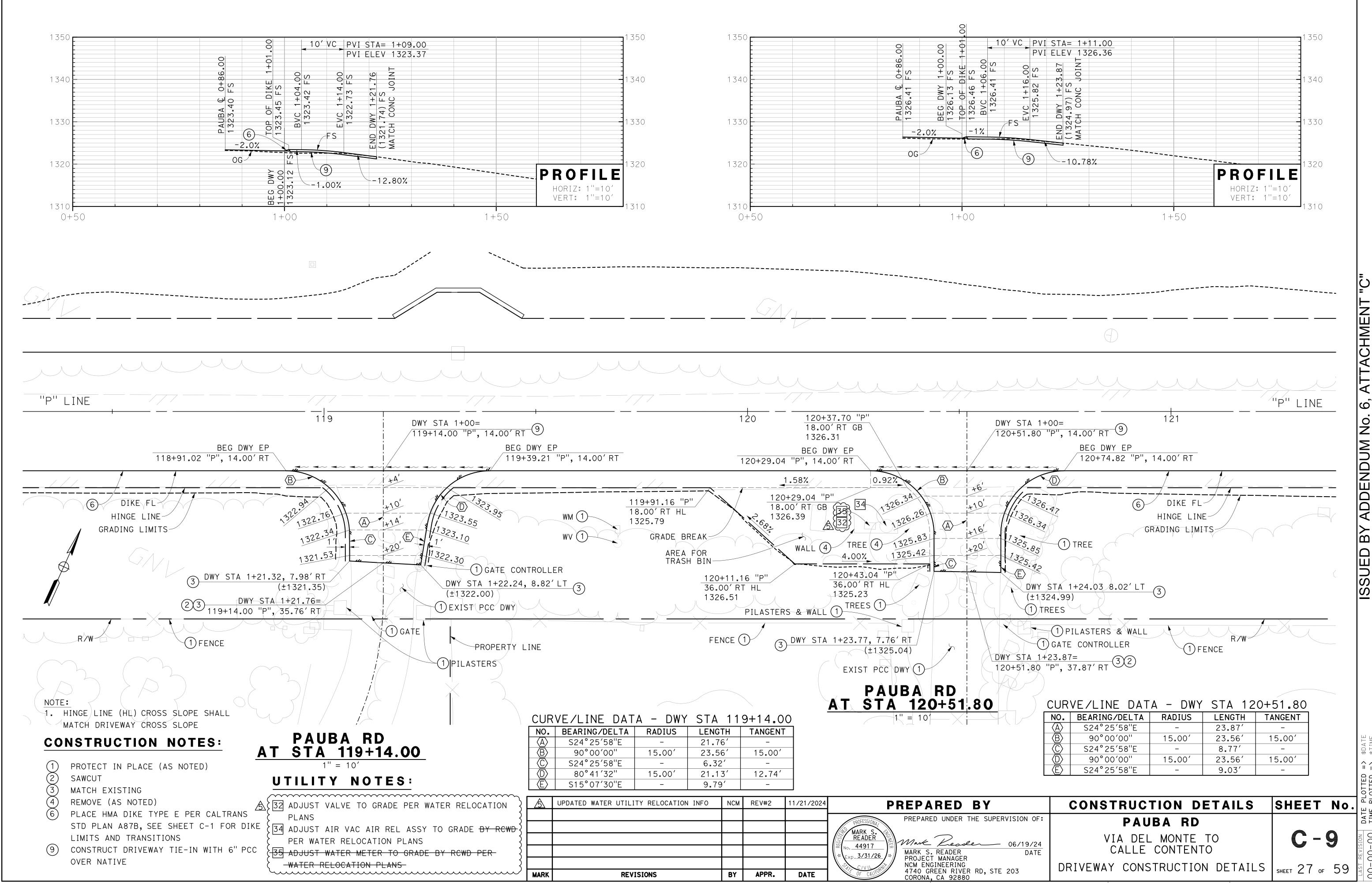
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969-TT COUNTY FILE No.



**REVISIONS** 

BORDER LAST REVISED 07/21/2015

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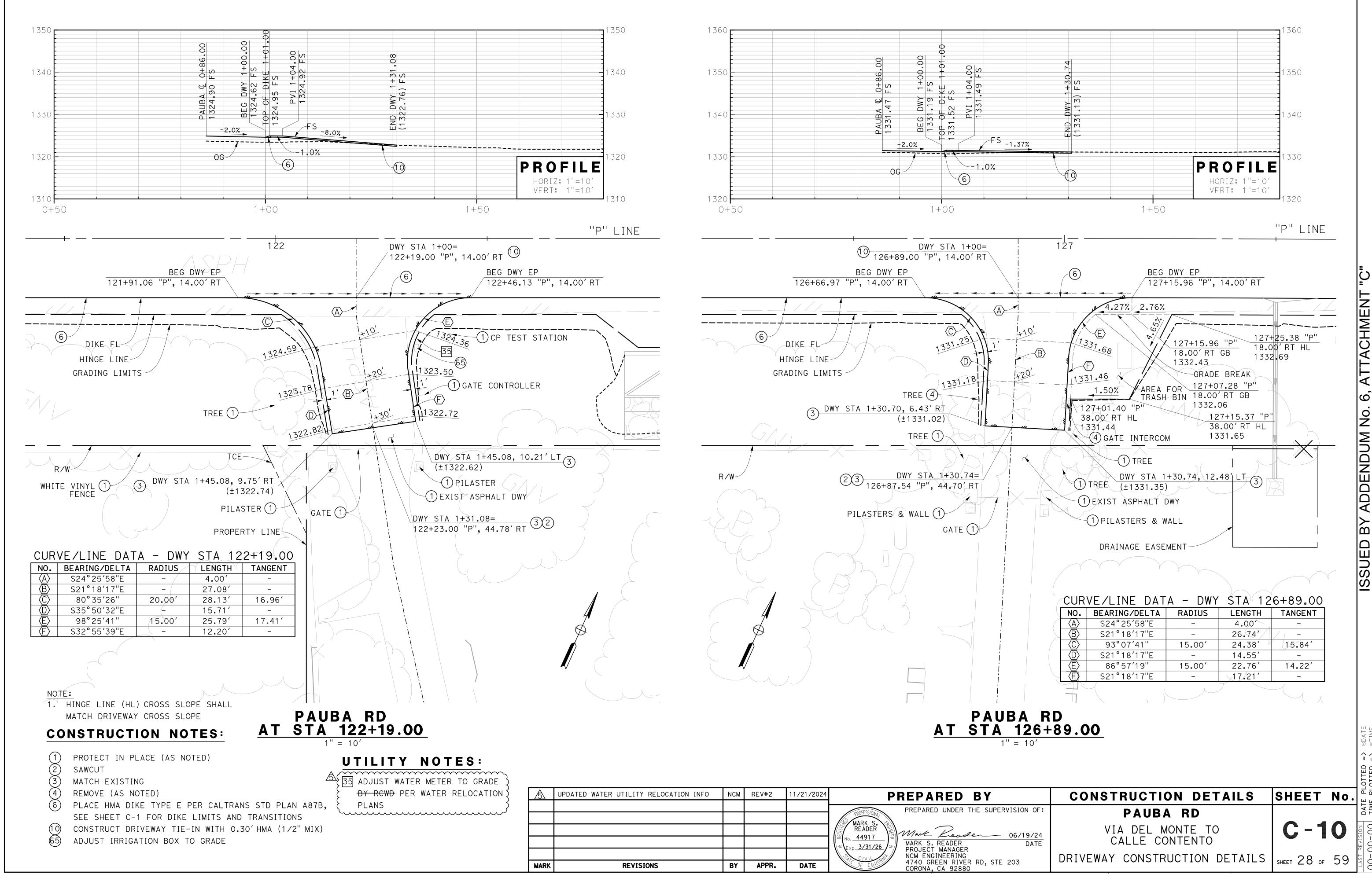
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WO C9-0063

SHEET 27 OF 59

969-TT COUNTY FILE No.



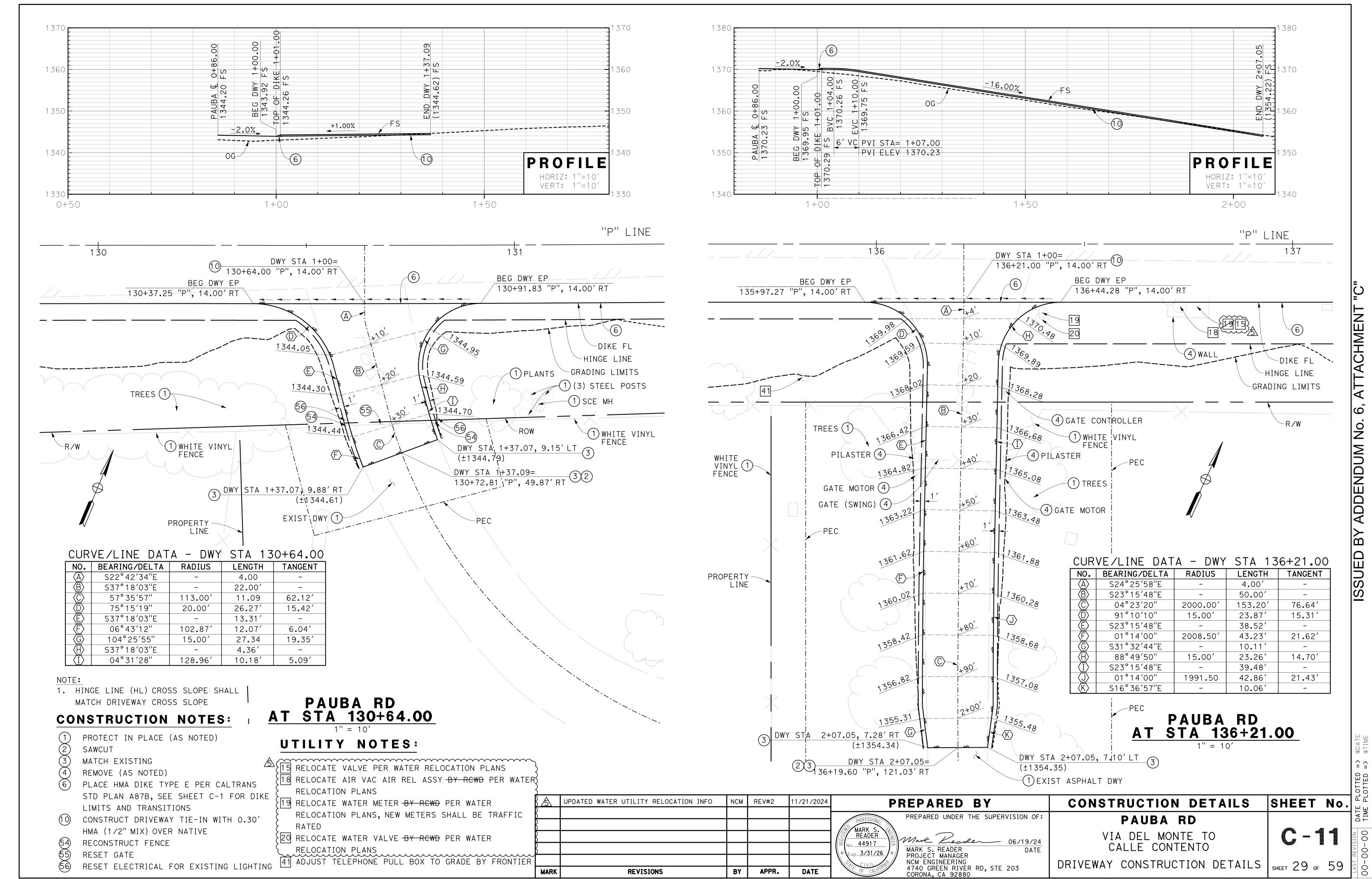
**REVISIONS** 

BY

DRIVEWAY CONSTRUCTION DETAILS

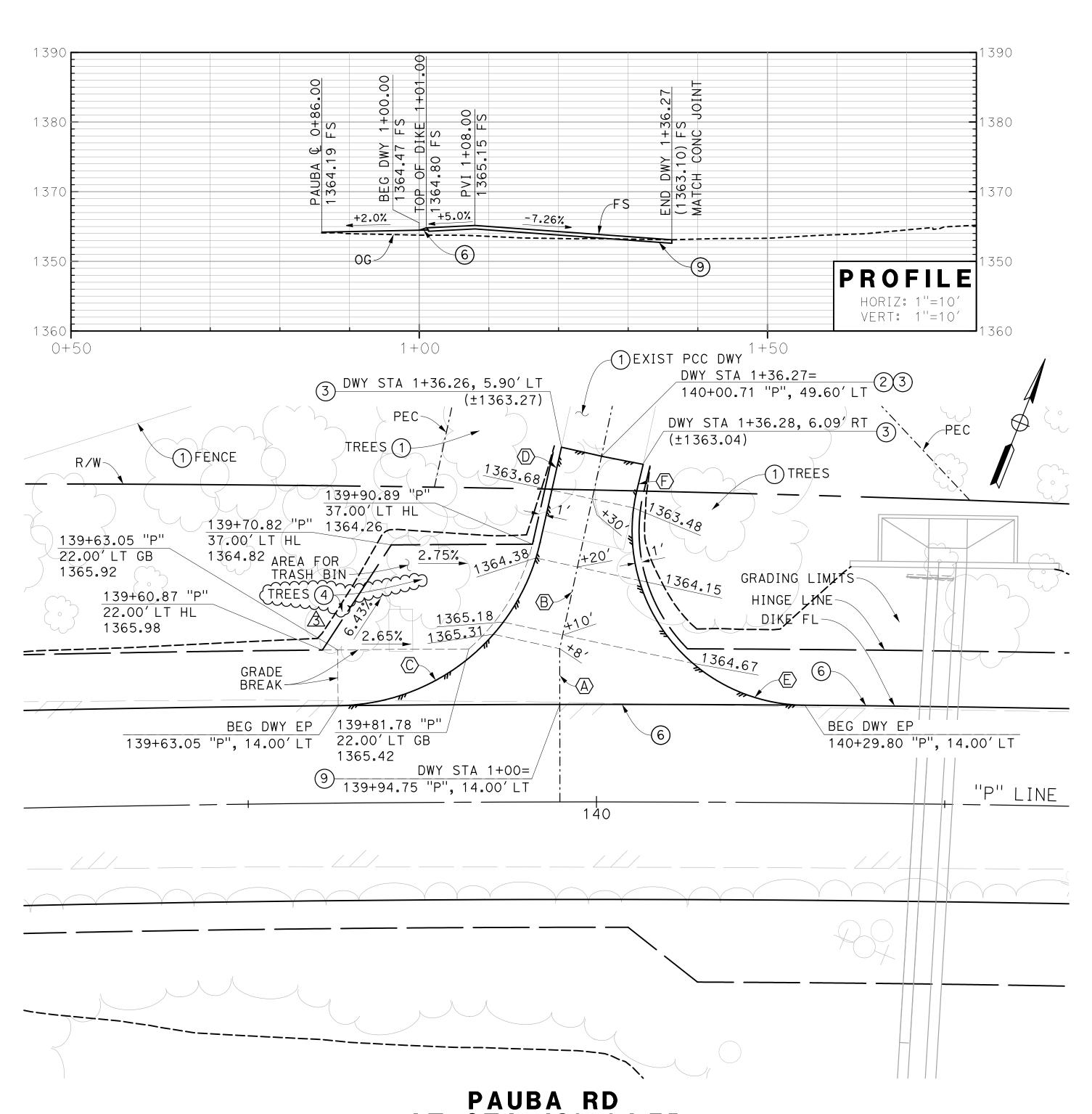
SHEET 28 OF 59

WO C9-0063









PAUBA RD AT STA 139+94.75

1. HINGE LINE (HL) CROSS SLOPE SHALL MATCH DRIVEWAY CROSS SLOPE

#### **CONSTRUCTION NOTES:**

PROTECT IN PLACE (AS NOTED)

SAWCUT

MATCH EXISTING A (4) REMOVE (AS NOTED)

(6) PLACE HMA DIKE TYPE E PER CALTRANS STD PLAN A87B, SEE SHEET C-1 FOR DIKE LIMITS AND TRANSITIONS

CONSTRUCT DRIVEWAY TIE-IN WITH 6" PCC OVER NATIVE

CLIRVE /LINE	$D \Delta T \Delta$	_	DWY	$\Delta T 2$	139+94	75

NO.	BEARING/DELTA	RADIUS	LENGTH	TANGENT
$\langle A \rangle$	N21°41′47"W	_	8.00′	_
$\bigcirc$	N09°22′16"W	-	28.27′	_
$\bigcirc$	76°46′00''	30.00′	40.19′	23.76′
	NO8°56′28"W	-	14.01′	_
E	103°06′06"	25.00′	44.99′	31.49′
F	N08°03′58"W	ı	3.82′	_

MARK	REVISIONS	BY	APPR.	DATE	
					\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
					E6/S/
<u>A</u>	UPDATES PER AGREEMENTS	NCM	REV#2	11/14/2024	

P	REPARED BY		
PROFESSIONAL	PREPARED UNDER THE SUPER	RVISION OF:	
MARK S. READER	Mark Readen	06/19/24	
Exp. 3/31/26	MARK S. READER PROJECT MANAGER NCM ENGINEERING	DATE	
OF CALIFORNIA	4740 GREEN RIVER RD, STE CORONA, CA 92880	203	

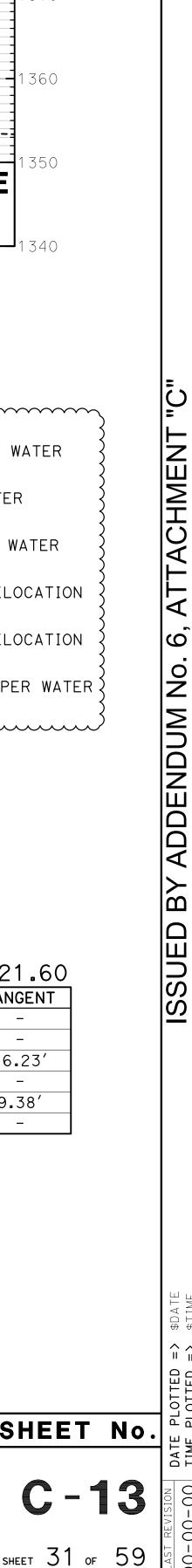
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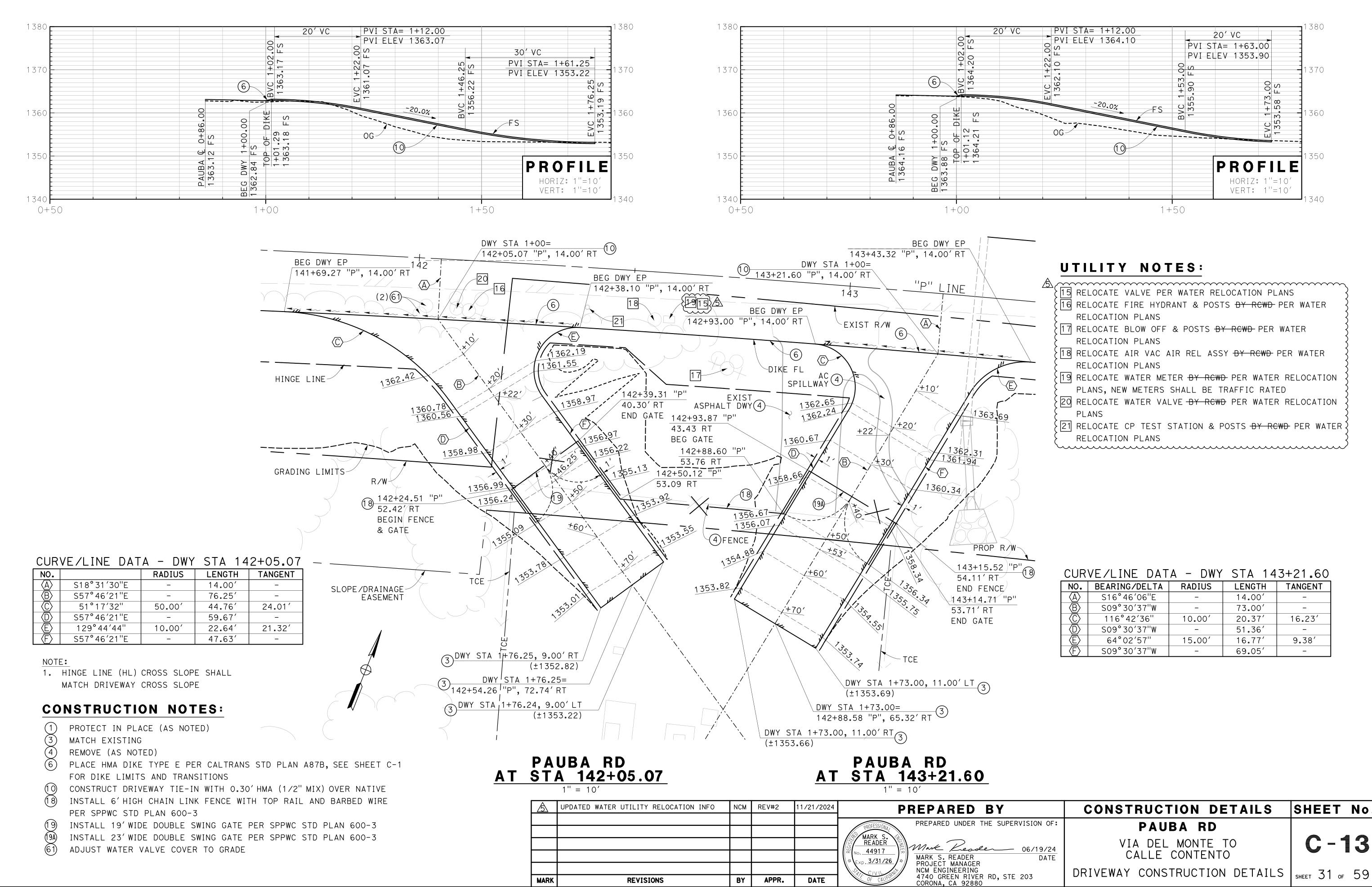
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PAUBA RD VIA DEL MONTE TO CALLE CONTENTO DRIVEWAY CONSTRUCTION DETAILS

CONSTRUCTION DETAILS

BORDER LAST REVISED 07/21/2015

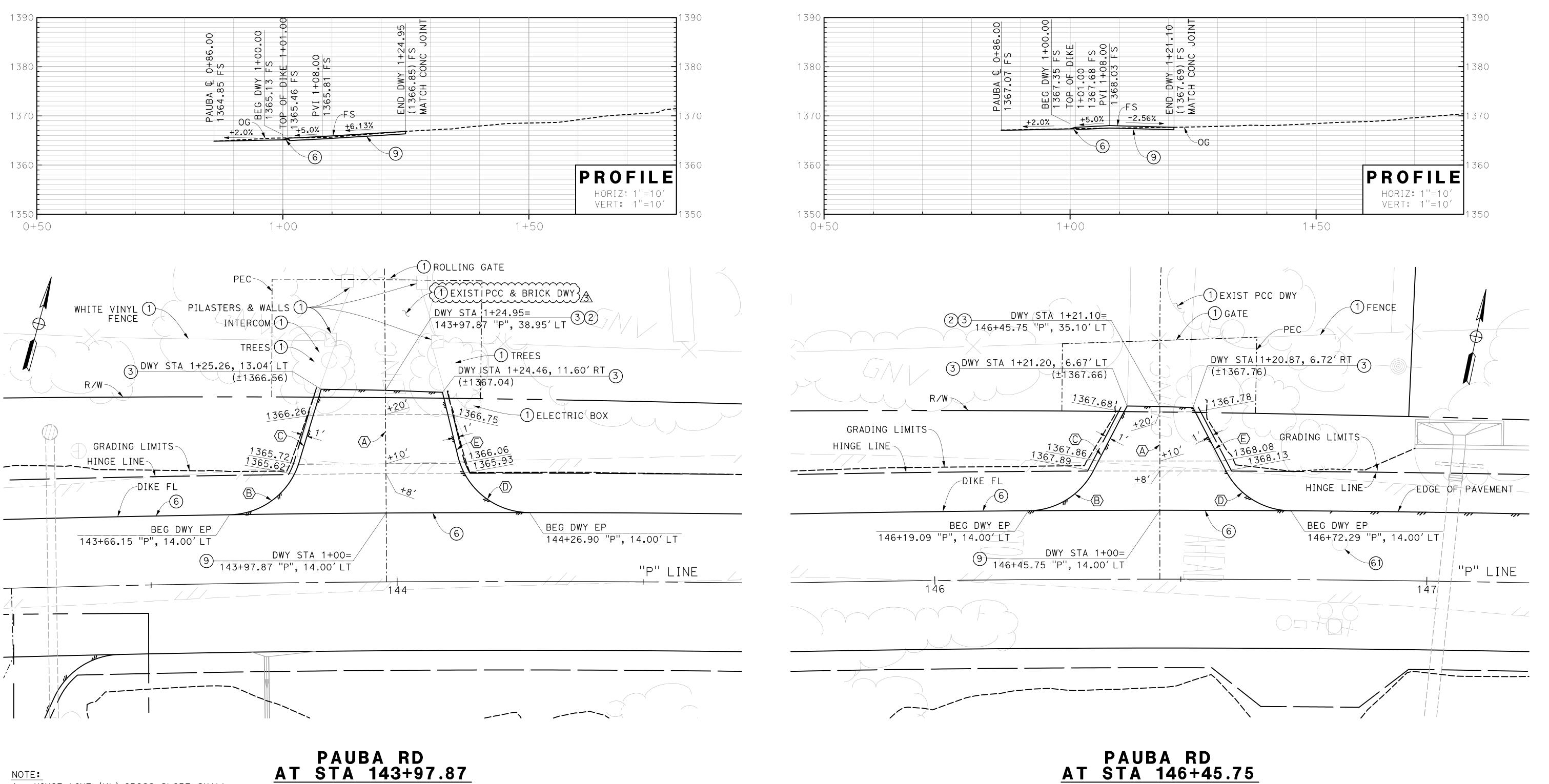




**REVISIONS** 

BY |





## MATCH DRIVEWAY CROSS SLOPE

**CONSTRUCTION NOTES:** 

1. HINGE LINE (HL) CROSS SLOPE SHALL

PROTECT IN PLACE (AS NOTED)

SAWCUT

NOTE:

MATCH EXISTING

PLACE HMA DIKE TYPE E PER CALTRANS STD PLAN A87B, SEE SHEET C-1 FOR DIKE LIMITS AND TRANSITIONS

CONSTRUCT DRIVEWAY TIE-IN WITH 6" PCC OVER NATIVE

ADJUST WATER VALVE COVER TO GRADE

## CURVE/LINE DATA - DWY STA 143+97.87

NO.	BEARING/DELTA	RADIUS	LENGTH	TANGENT
$\bigcirc$	N15°37′06"W	_	24.95′	_
B	72°18′39''	15.00′	18.93′	10.96′
(C)	N01°35′34"E	_	15.52′	_
	76°22′16''	15.00′	19.99′	11.80′
E	N28°48′34"W	_	13.35′	_

# PAUBA RD AT STA 146+45.75

CURVE/LINE DATA - DWY STA 146+45.75

NO.	BEARING/DELTA	RADIUS	LENGTH	TANGENT
$\bigcirc$	N11°52′50"W	_	21.10′	_
B	62°04′57''	15.00′	16.25′	9.03′
(C)	N15°38′06"E	_	14.91′	_
	62°05′03''	15.00′	16.25′	9.03′
E	N39°23′47"W	_	14.54′	_

UPDATES PER AGREEMENTS	NCM	REV#2	11/14/2024	PREPARED BY	CONSTRUCTION DETAILS
				PREPARED UNDER THE SUPERVISION OF:	PAUBA RD
				MARK S.  READER  No. 44917  Mark Leader 06/19/24	VIA DEL MONTE TO
				MARK S. READER PROJECT MANAGER NCM ENGINEERING	CALLE CONTENTO
REVISIONS	BY	APPR.	DATE	4740 GREEN RIVER RD, STE 203 CORONA, CA 92880	DRIVEWAY CONSTRUCTION DETAILS

USERNAME => \$USER

DGN FILE => \$REQUEST

BORDER LAST REVISED 07/21/2015

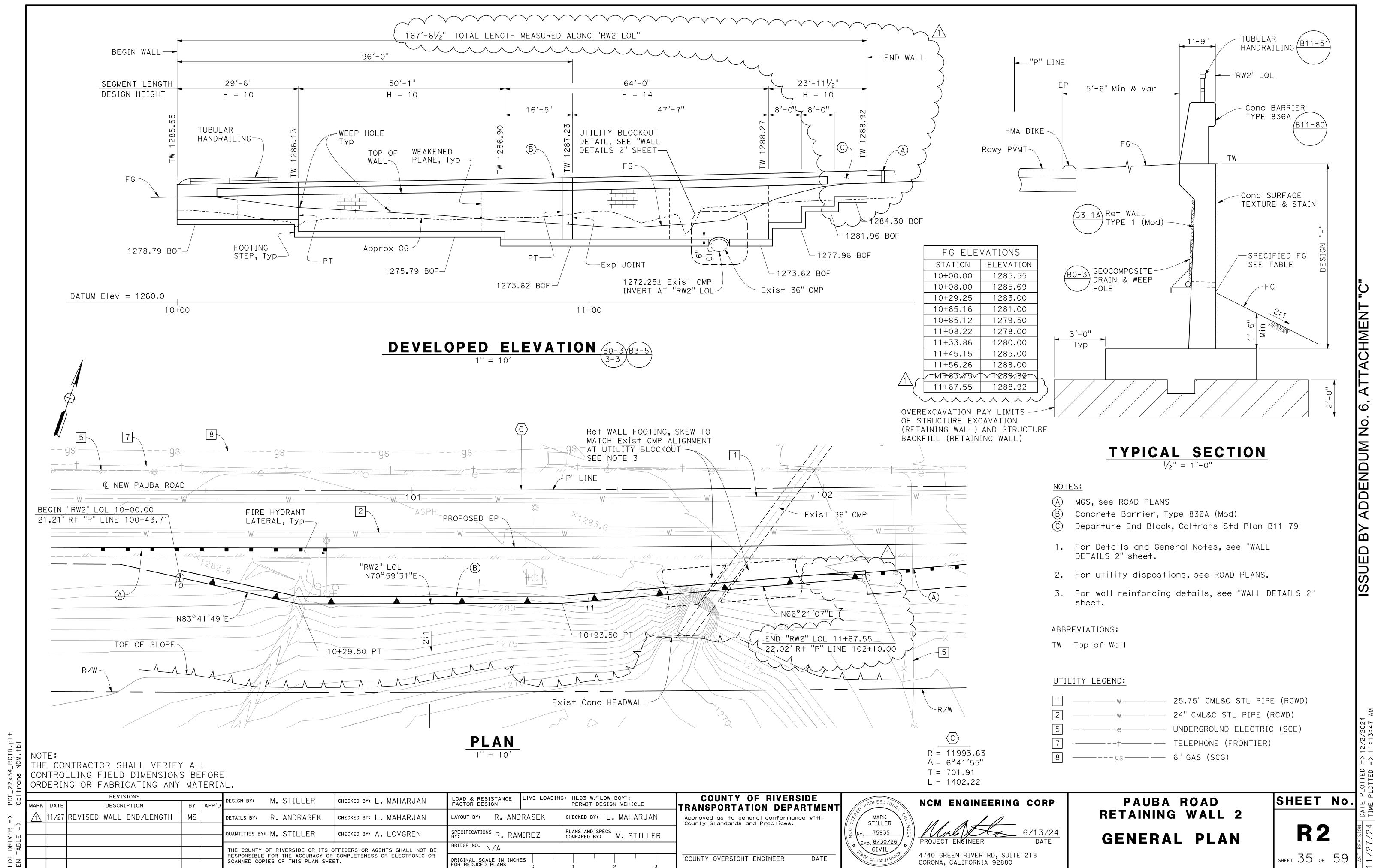
WO C9-0063

COUNTY 969-TT

SHEET No.

**C-14** 

SHEET 32 OF 59



WO

969-TT

DGN FILE  $\Rightarrow$  C9-0063-a-gp-r2\_RV1.dgn

USERNAME => NCM

COUNTY FILE No.

LS:

240 psf live load surcharge on level ground surface

dated April 2019.

Building Code Requirements and Specification for Masonry Structures (TMS 402/602-16)

SEISMIC:  $k_h = 0.26$  $k_{V} = 0.0$ 

SOIL FOR  $\Phi = 34^{\circ}$ SOIL BACKFILL:  $\Phi = 34^{\circ}$ BASE FRICTION:  $\gamma = 120 \text{ pcf}$  $\gamma = 120 \text{ pcf}$ 

REINFORCED

f'c = 3,600 psiCONCRETE: fy = 60',000'psi

REINFORCED

MASONRY: fm' = 1,500 psify = 60,000 psi

LOAD COMBINATIONS AND LIMIT STATES:

Q = 1.00DC+1.00EV+1.00EH+1.00LSService I Strength I Q =  $\alpha DC + \beta EV + \eta EH + 1.75LS$ 

Q = 1.00DC+1.00EV+1.00EH+1.00EQD+1.00EQEExtreme I

Where:

Force Effects Q:

1.25 or 0.90, Whichever Controls Design 1.35 or 1.00, Whichever Controls Design 1.50 or 0.90, Whichever Controls Design Dead Load of Structure Components

Horizontal Earth Fill Pressure EH: Vertical Earth Pressure from Earth Fill Weight E۷:

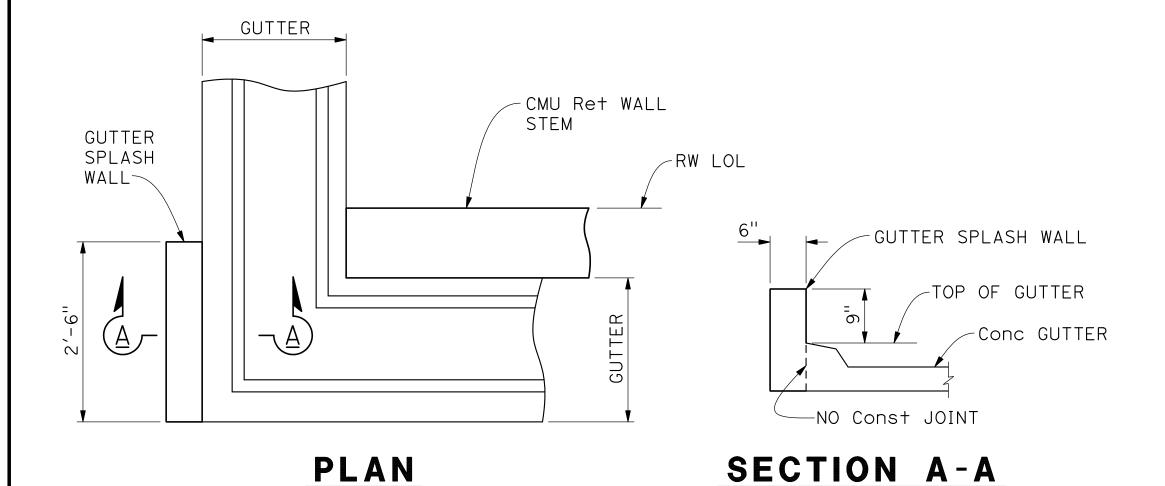
LS: Live Load Surcharge

Seismic Earth Pressure EQE: Soil and Structural and Nonstructural Components Inertia

#### NOTES:

1. No splices are allowed on ⓐ bars.

2. Contractor must verify minimum spacing requirements for the horizontal stem reinforcement based on maximum aggregate size for the concrete mix being used. Horizontal stem reinforcement may be staggered by up to 2".



#### SYMBOLS:

Ser - service limit state I Str - strength limit state I Ext I- extreme event limit state I B' - effective footing width (ft)

 $q_0'$  - net bearing stress (ksf), OG assumed to be FG at toe

qo - gross uniform bearing stress (ksf)

#### CALTRANS STANDARD PLANS 2022

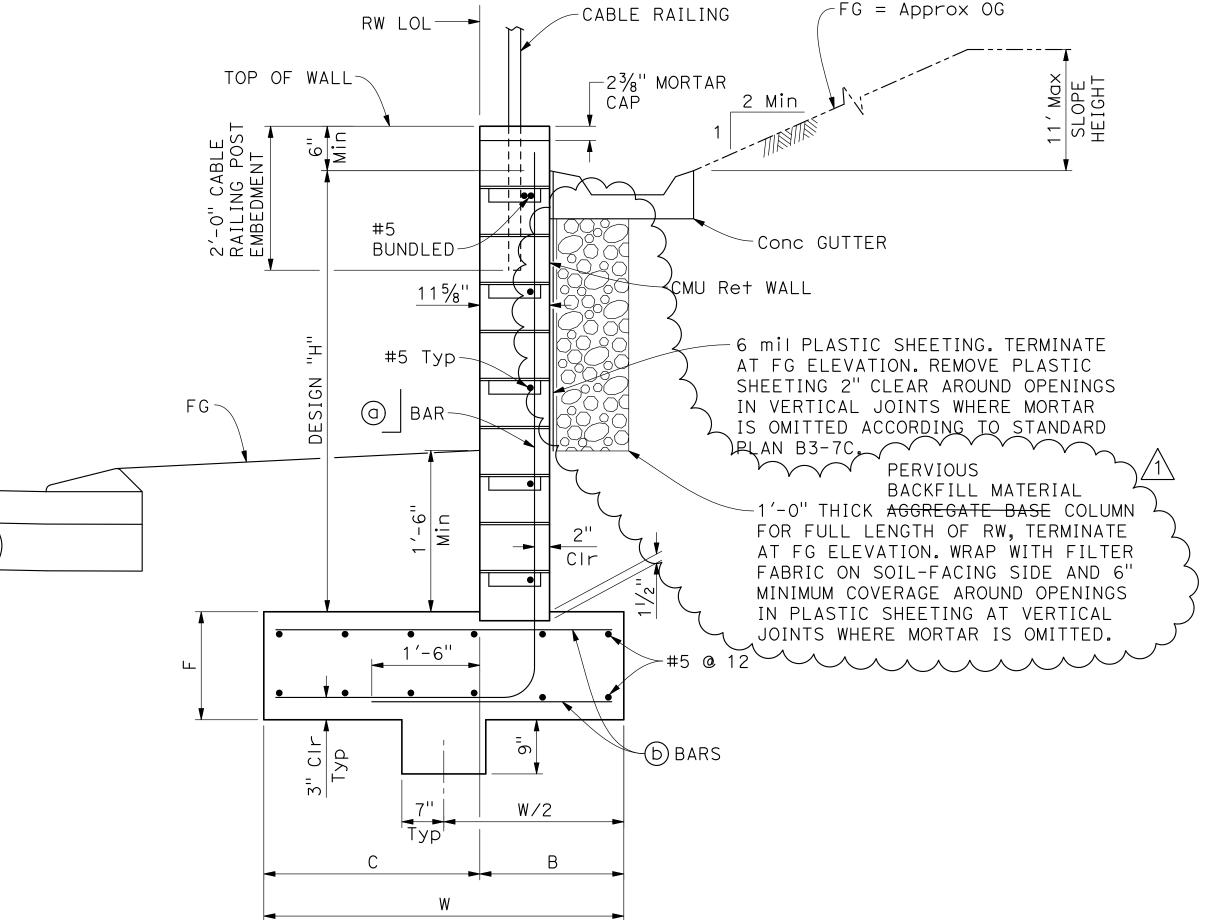
АЗА ABBREVIATIONS (Sheet 1 of 3) АЗВ ABBREVIATIONS (Sheet 2 of 3) ABBREVIATIONS (Sheet 3 of 3) LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL BRIDGE SURCHARGE AND WALL B3-6 RETAINING WALL DETAILS NO. 2 B3-7C RETAINING WALL TYPE 6 DETAILS B11-47 CABLE RAILING

STANDARD PLAN SHEET NO.

-DETAIL NO.

DIMENSIONS	AND DATA
7'-41/2"	10'-01/2"
5′-6"	7′-10"
3'-0"	4'-9"
2'-6"	3'-1"
1'-6"	1'-6"
#5 @ 8	#6 @ 8
#5 @ 16	#6 @ 16
5.5, 0.5	7.5, 0.7
5.2, 1.2	6.9, 1.4
3.4, 1.7	5.6, 1.6
4.9	3.8
10.1	12.1
18.1	23.5
	7'-4\\frac{1}{2}\" 5'-6\" 3'-0\" 2'-6\" 1'-6\" #5 @ 8 #5 @ 16 5.5, 0.5 5.2, 1.2 3.4, 1.7 4.9

Demands and capacities shown are the ones resulting in the highest ratio of demand to capacity for each limit state. Permissible net contact stress and factored gross nominal bearing values are corresponding to the specified demand B'value for each limit state.



## RETAINING WALL TYPE 6 (MODIFIED) TYPICAL SECTION

 $\frac{3}{4}$ " = 1'-0"

(TYPICAL SECTION APPLIES TO RW1 AND RW4)

## GUTTER SPLASH WALL DETAIL

NO SCALE

		REVISIONS			
MARK	DATE	DESCRIPTION	BY	APP'D	
$\triangle$	11/15	ADDED PERVIOUS BACKFILL MATERIAL	MS		
					THE COUNTY OF RIVERSIDE OR ITS OFFICERS OR AGENTS SHA
					NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC OR SCANNED COPIES OF THIS PLAN SHEET.

	-		•						-
	ORIGINAL SCALI FOR REDUCED P		0	1		2		3	
HALL S	BRIDGE NO. N/	А							
	QUANTITIES BY:	M. STILLER		CHECKED B	Υ: Д.	LOVG	REN		
	DETAILS BY:	R. ANDRASEK		CHECKED B	Y: L.	МАНА	RJAN		
	DESIGN BY:	M. STILLER		CHECKED B	Y: L.	МАНА	RJAN		

NCM ENGINEERING CORP 75935 Exp. 6/30/26 CIVIL 4740 GREEN RIVER RD, SUITE 218 CORONA, CALIFORNIA 92880

WALL DETAILS 1

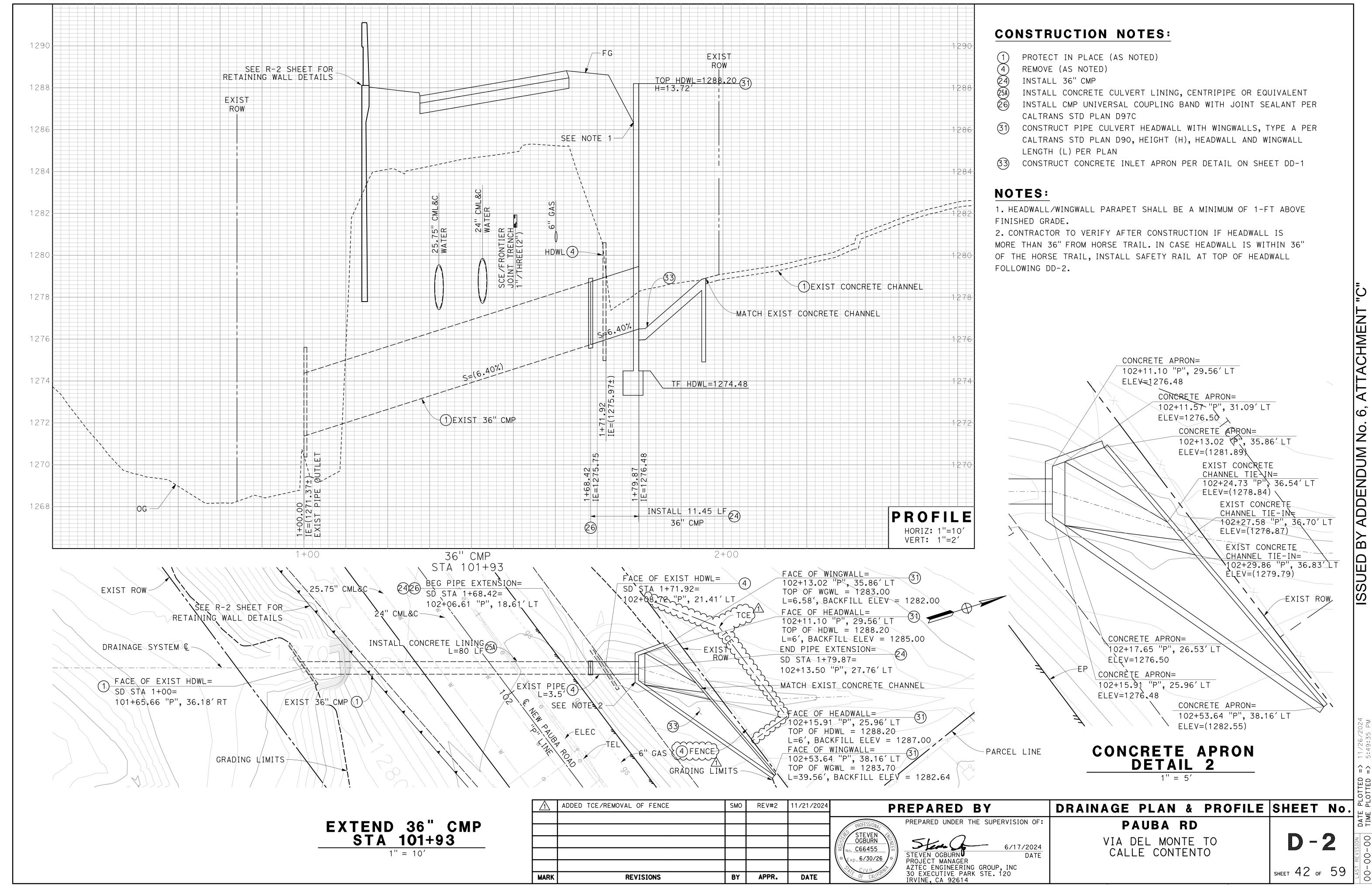
PAUBA ROAD

WO

SHEET No. **R**5

SHEET 38 OF 59

DENDUM No. 6, ATTACHMENT



REMOVE (AS NOTED)

INSTALL 12" PLASTIC PIPE, MATCH EXISTING PIPE MATERIAL

INSTALL 21" CMP

INSTALL CMP UNIVERSAL COUPLING BAND WITH JOINT SEALANT PER CALTRANS STD PLAN D97C

CONSTRUCT 36" CMP TYPE OMPI STEEL PIPE INLET WITH 8 LATERAL OPENINGS DIVIDED IN 2 LEVELS (4 OPENINGS/LEVEL) AND TYPE 36R GRATE PER CALTRANS STD PLAN D75A AND DETAIL ON SHEET DD-1

CONSTRUCT CONCRETE DRAINAGE APRON PER DETAIL ON SHEET DD-1

CONSTRUCT PIPE CULVERT HEADWALL, TYPE B PER CALTRANS STD PLAN D90, HEIGHT (H) AND LENGTH (L) PER PLAN

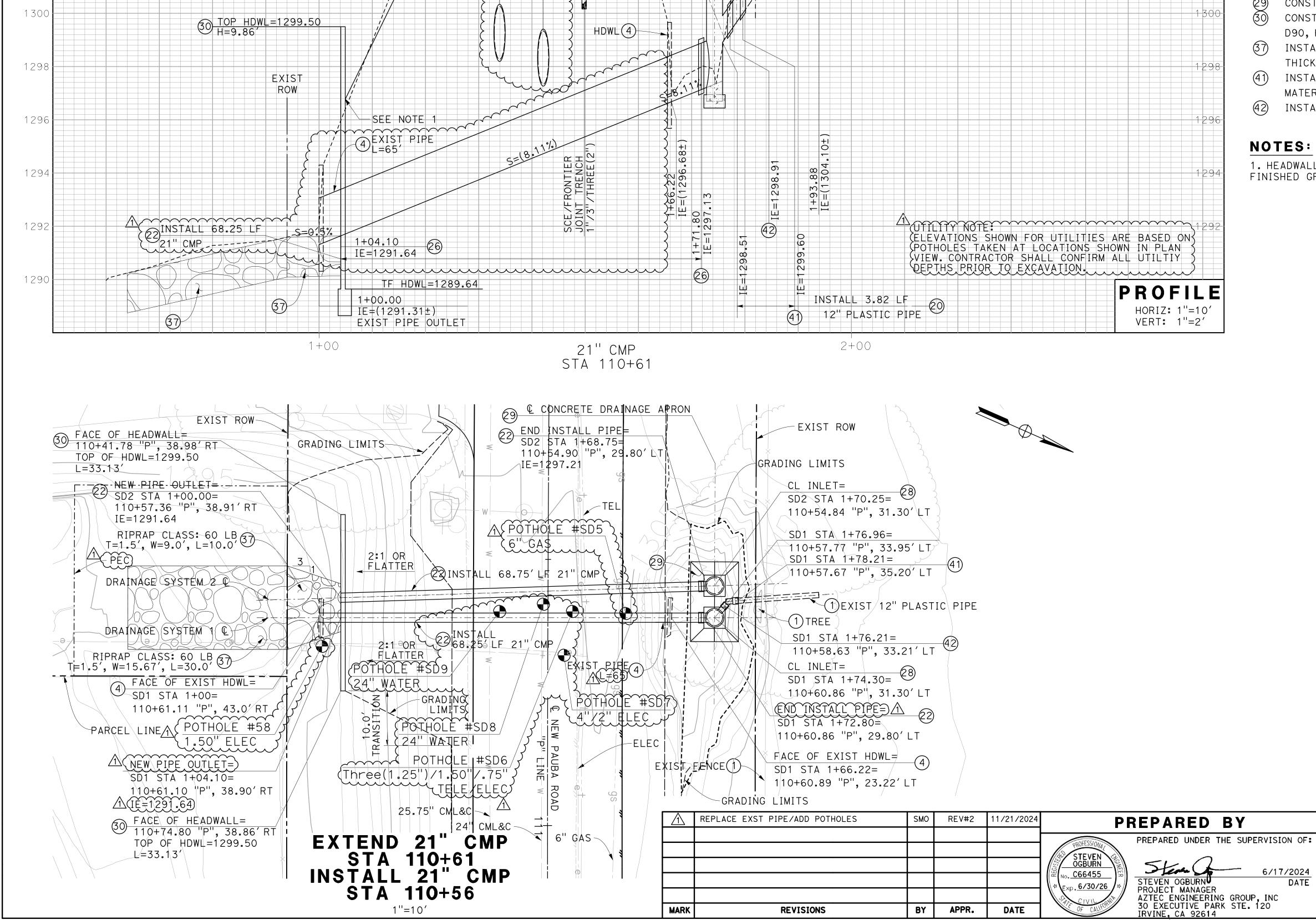
(37) INSTALL ROCK SLOPE PROTECTION, MEDIAN PARTICLE WEIGHT AND THICKNESS (T) PER PLAN

INSTALL 12" PLASTIC PIPE 45°ELBOW, MATCH EXISTING PIPE MATERIAL, INCLUDING WATERTIGHT FITTING

INSTALL WATERTIGHT FITTING BETWEEN PLASTIC PIPE AND CMP INLET

#### NOTES:

1. HEADWALL/WINGWALL PARAPET SHALL BE A MINIMUM OF 1-FT ABOVE FINISHED GRADE.



25.75" WATER TOP=17: TOP=12:

TOP OF INLET (©) | ELEV= 1303.30 (©) | 1+74.30

ROW

4)CL 45° ELBOW

(1) EXIST 12" PLASTIC PIPE

Steven Co

USERNAME => NCM

**DGN FILE =>** C9-0063 ia D-3.dgn

6/17/2024

1306

1304

1302

PAUBA RD

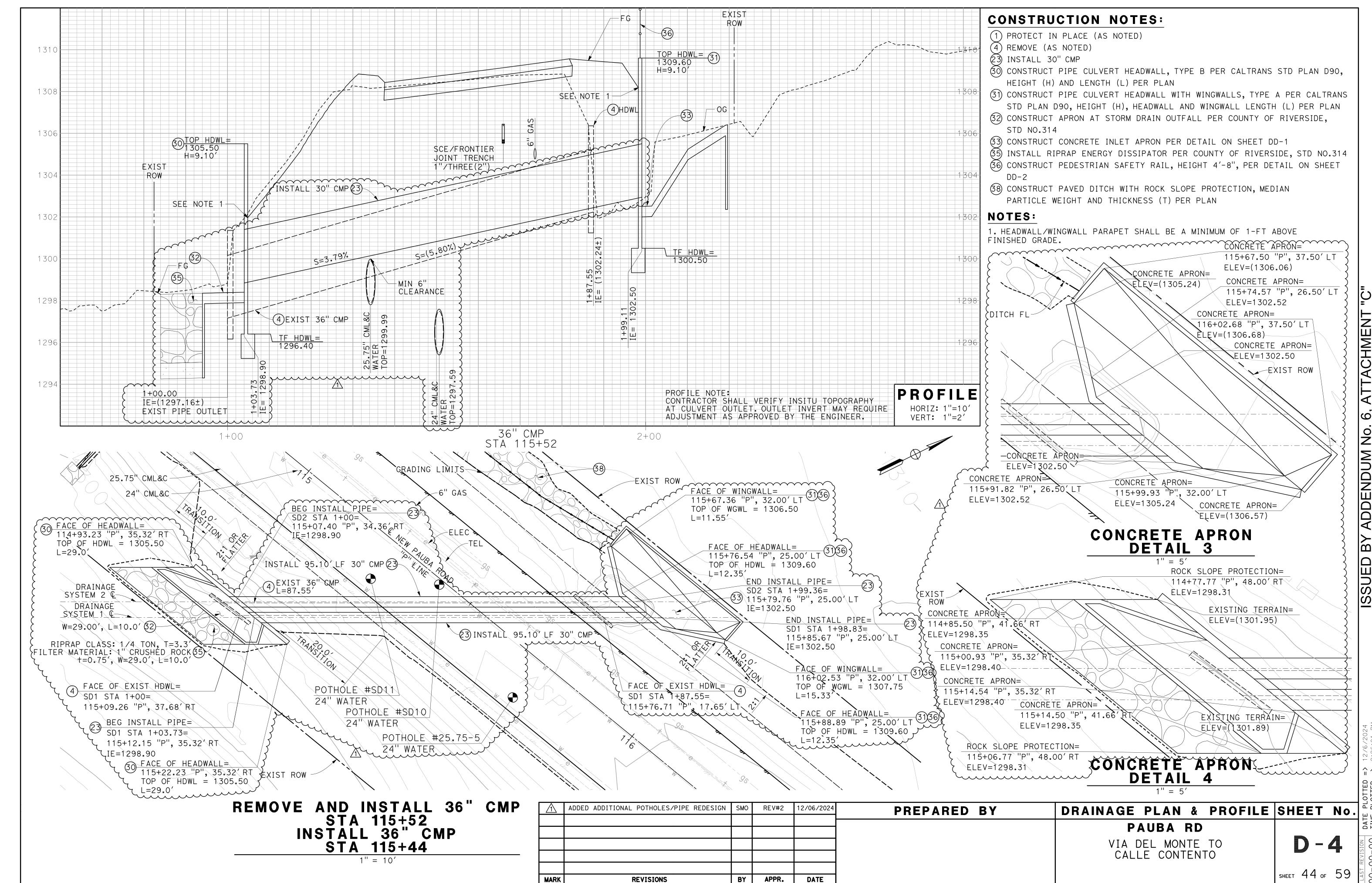
VIA DEL MONTE TO

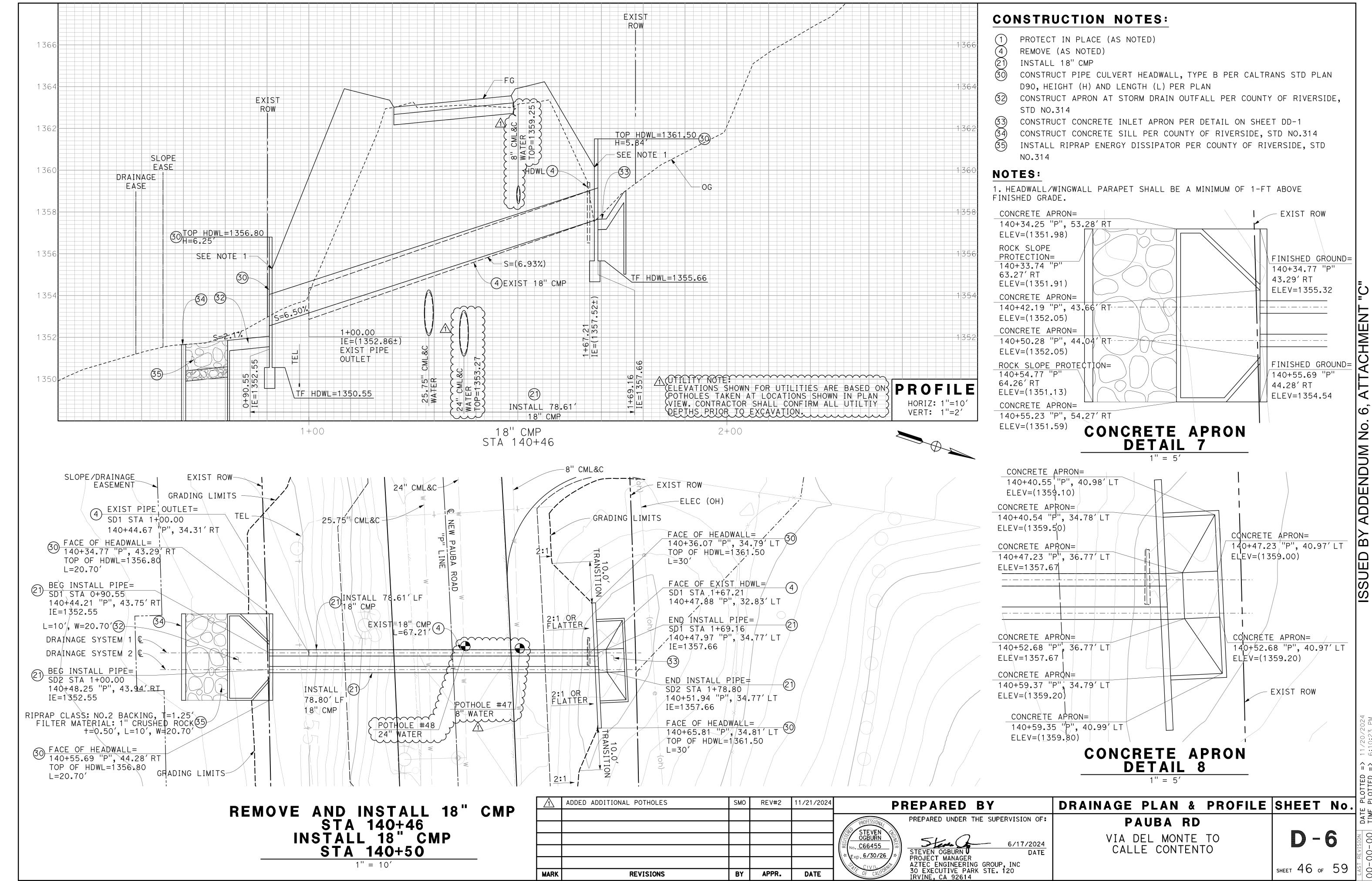
CALLE CONTENTO

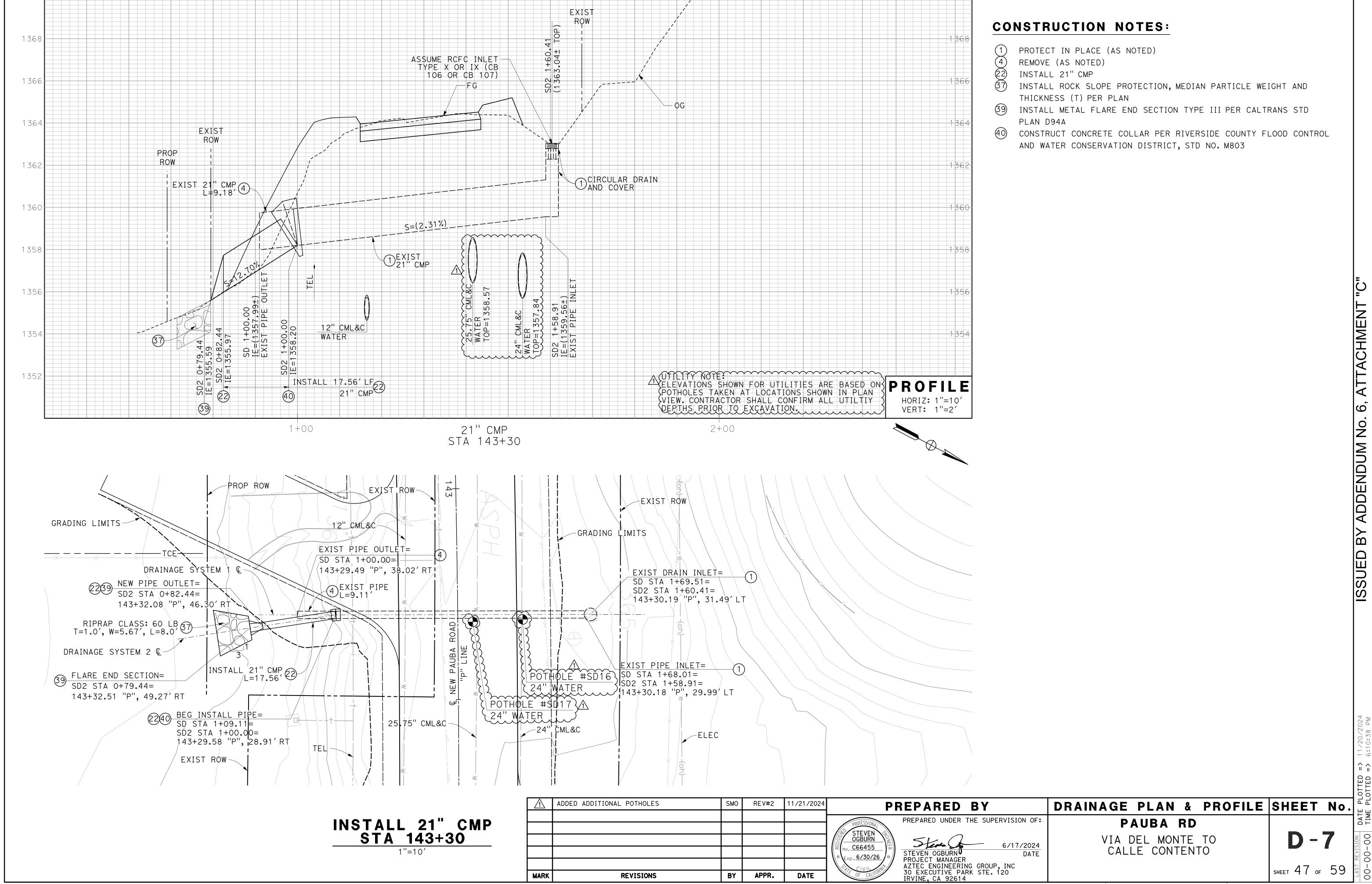
DRAINAGE PLAN & PROFILE SHEET No.

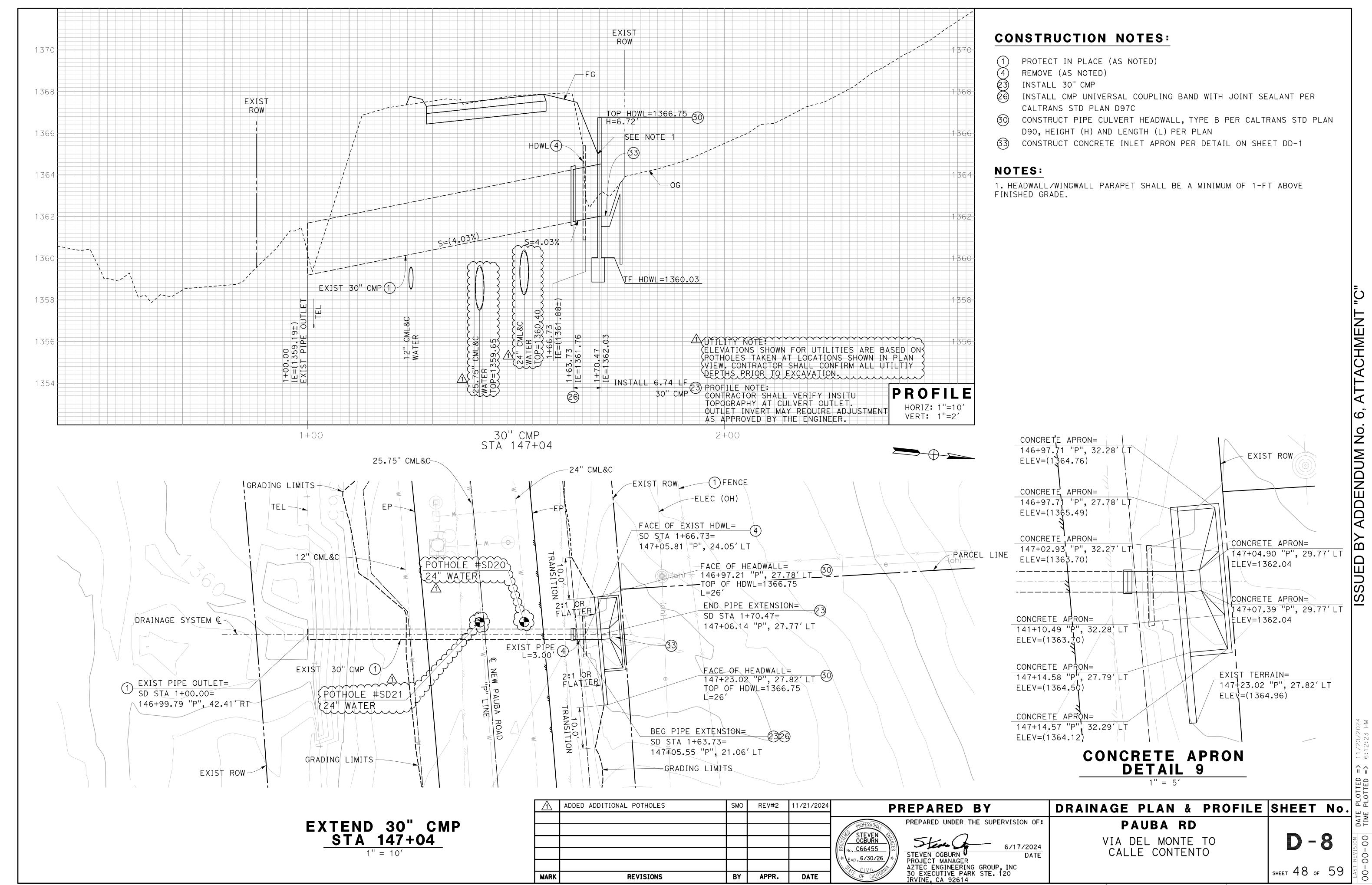
**D** - 3

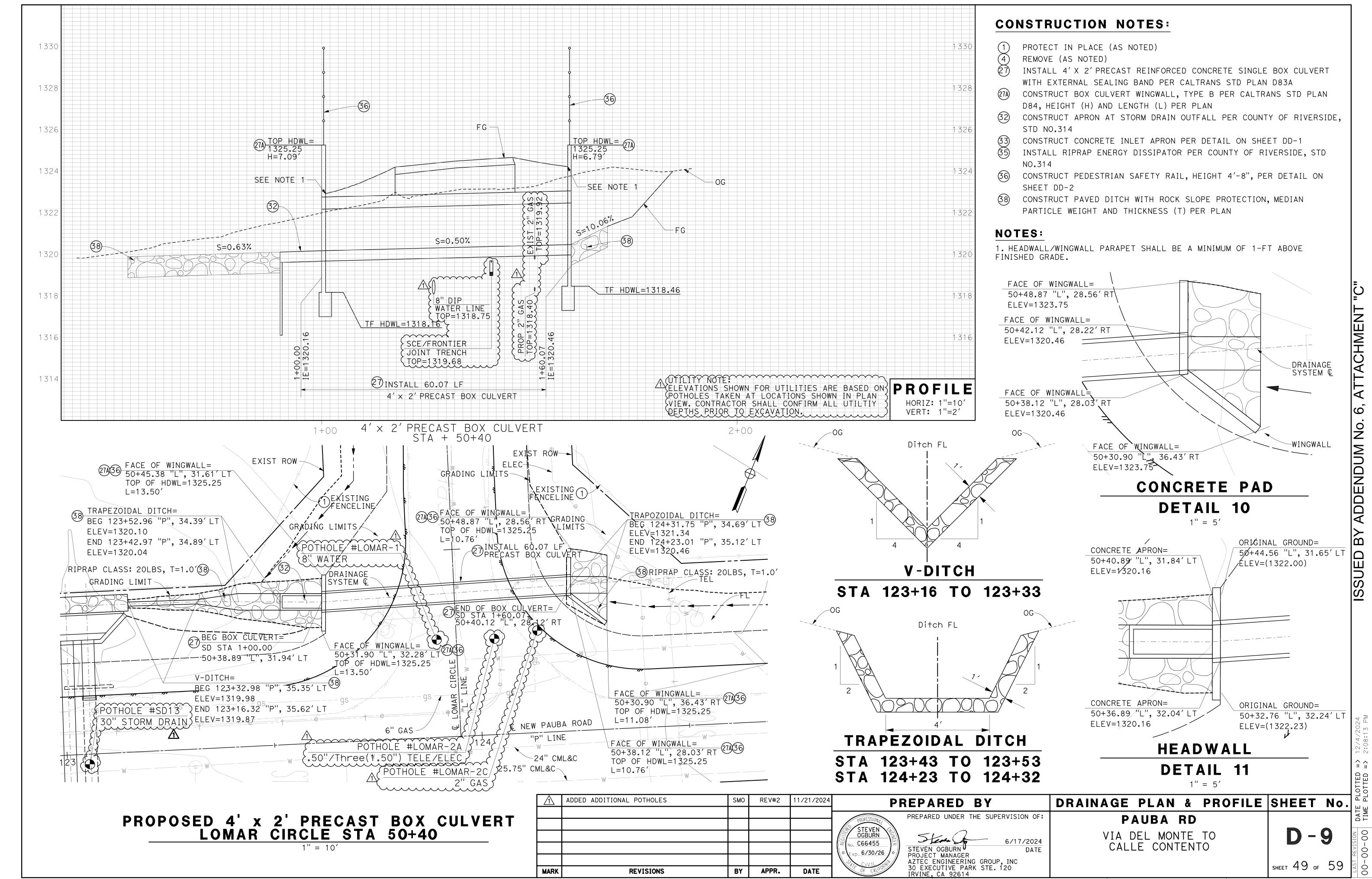
SHEET 43 OF 59











POTHOLE LOCATION TABLE											
NO. SHEET UT	JTILITY	MATERIAL	OWNER	DRAINAGE CROSSING	ALIGN	STATION	OFFSET	ELEV *	REMARKS		
47 L-8 8"	B" WATER	PVC	RANCHO WATER		"P" LINE	140+46.01	16.14′L†	1359.25	NO REMARKS.		
48 L-8 24	24" WATER	CML&C	RANCHO WATER		"P" LINE	140+44.86	3.17′LT	1353.27	NO REMARKS.		
49 L-8 24	24" WATER	CML&C	RANCHO WATER		"P" LINE	140+45.53	5.08′RT	1357.87	POTHOLE ELEVATIONS NOT CONGRUENT TO WATER AS-BUILTS. POSSIBILY FOUND SD CULVERT.		
50 L-8 (1	1)0.75" TELE	PE	FRONTIER		"P" LINE	140+44.88	10.12' RT	1359.57	NO REMARKS.		
51 L-8 24	24" WATER	CML&C	RANCHO WATER		"P" LINE	144+14.97	14.14'LT	1359.94	NO REMARKS.		
52 L-8 24	24" WATER	CML&C	RANCHO WATER		"P" LINE	144+15.16	4.01'LT	1361.14	POTHOLE ELEVATIONS NOT CONGRUENT TO WATER AS-BUILTS		
53 L-9 24	24" WATER	CML&C	RANCHO WATER		"P" LINE	146+75.70	9.97′LT	1361.61	NO REMARKS.		
54 L-9 24	24" WATER	CML&C	RANCHO WATER		"P" LINE	146+74.29	1.07′ RT	1359.07	NO REMARKS.		

NO.	SHEET	UTILITY	MATERIAL	OWNER	DRAINAGE CROSSING		STATION	OFFSET	ELEV *						
25.75-1	L-1	24" WATER	CML&C	RANCHO WATER		"P" LINE	92+19.07	5.47′LT	1286.84	NO R	EMARKS.				
25.75-2	L-1	24" WATER	CML&C	RANCHO WATER		"P" LINE	94+50.03	4.23′ RT	1291.28	NO R	EMARKS.				
SD1	L-1	36" SD	CMP	RCTD		"P" LINE	97+08.34	0.20'LT	1284.21	NO R	EMARKS.				
SD2	L-1	36" SD	CMP	RCTD		"P" LINE	97+10.69	11.63′ RT	1283.44	NO R	EMARKS.				
25.75-3	L-3	24" WATER	CML&C	RANCHO WATER		"P" LINE	107+56.52	9.80′ RT	1370.60	NO R	EMARKS.				
SD5	L-3	6" GAS	PLASTIC	SO CAL GAS		"P" LINE	110+60.13	14.61′LT	1301.11	NO R	EMARKS.				
SD6	L-3	(1)0.75"/(1)1.5"/(3)1.25" TELE, ELEC	PE	FRONTIER/SCE		"P" LINE	110+59.78	4.61′LT	1300.00	NO R	EMARKS.				
SD7	L-3	(1)2"/(1)4" ELEC	PVC	SCE		"P" LINE	110+68.02	3.05′LT	1301.21	NO R	EMARKS.				
SD8	L-3	24" WATER	CML&C	RANCHO WATER		"P" LINE	110+58.44	0.88′ RT	1299.41	NO R	EMARKS.				
SD9	L-3	24" WATER	CML&C	RANCHO WATER		"P" LINE	110+59.82	9.08′ RT	1300.34	NO R	EMARKS.				
58	L-3	1.5" ELEC	PE	SCE		"P" LINE	110+64.48	42.43′ RT	1290.14	NO R	EMARKS.				
25.75-4	L-4	24" WATER	CML&C	RANCHO WATER		"P" LINE	112+09.88	9.99′RT	1299.96	NO R	EMARKS.				
24-2	L-4	24" WATER	CML&C	RANCHO WATER		"P" LINE	112+28.69	1.76′ RT	1300.29	NO R	EMARKS.				
SD10	L-4	24" WATER	CML&C	RANCHO WATER		"P" LINE	115+41.31	1.22′ RT	1297.59	NO R	EMARKS.				
SD11	L-4	24" WATER	CML&C	RANCHO WATER		"P" LINE	115+27.75		1299.93						
25.75-5	L-4	24" WATER	CML&C	RANCHO WATER		"P" LINE			1301.02	_					
25.75-6	L-5	24" WATER	CML&C	RANCHO WATER			119+55.41								
24-3	L-5	24" WATER	CML&C	RANCHO WATER			120+87.34		1319.82						
SD13	 L-5	30" SD	CMP	RCTD			123+05.35								
SD14	L-5	30" SD	CMP	RCTD			123+05.68								
LOMAR-1	L-5	8" WATER	DIP	RANCHO WATER			123+90.14								
LOMAR-2A	L-5	(1)0.5"/(3)1.5" TELE, ELEC	PE	FRONTIER/SCE								AND SO CAL EDISON IN JO	 INT_TRENCH_		
LOMAR-2B	N/A	TELEPHONE	N/A	N/A			124+04.02					R-2A. FOUND BOTH FRONTIER		IN SAME JOINT TRENCH	
LOMAR-2C	L-5	2" GAS	PLASTIC	SO CAL GAS			124+14.43					C ZA: 1 OOND BOTH 1 NONTIEN	AND 30 OAL LDISON	THE SAME COTTENT THE NOTE.	
LOMAR-3A	L-5	(1)0.25"/(3)1.5" ELEC	PE/COPPER				124+47.64								
LOMAR-3B	L-5	(1)0.5" TELE	PE	FRONTIER			124+47.20								
25.75-7	L-5 L-5	24" WATER	CML&C	RANCHO WATER			125+05.31								
							128+22.84								
8-1	L-6	8" WATER	PVC	RANCHO WATER											
24-2	L-6	24" WATER	CML&C	RANCHO WATER			129+94.48		1334.52						
25.75-8	L-6	24" WATER	CML&C	RANCHO WATER			129+95.09		1335.68						
25.75-9	L-7	24" WATER	CML&C	RANCHO WATER			136+74.57		1366.66						
25.75-10	L-7	24" WATER	CML&C	RANCHO WATER			139+31.36		1361.09						
25.75-11	L-8	24" WATER	CML&C	RANCHO WATER			142+53.78		1357.63						
SD16	L-8	24" WATER	CML&C	RANCHO WATER			143+31.19								
SD17	L-8	24" WATER	CML&C	RANCHO WATER			143+31.62		1358.57		EMARKS.				
SD18	L-8	21" SD	CMP	RCTD			143+29.86			NO R	EMARKS.				
12-1	N/A	WATER	N/A	N/A		"P" LINE	145+00.00	15.10′ RT	N/A	DUG	WHERE MARI	KED BY RANCHO CALIFORNIA	WATER, WENT DOWN 10	.5' DEEP. NO UTILITY FO	UND.
SD20	L-9	24" WATER	CML&C	RANCHO WATER		"P" LINE	147+01.58	9.63′ LT	1360.40	NO R	EMARKS.				
SD21	L-9	24" WATER	CML&C	RANCHO WATER		"P" LINE	147+00.67	1.02′ RT	1359.65	NO R	EMARKS.				
12-2	N/A	WATER	N/A	N/A		"P" LINE	147+00.00	17.70′RT	N/A	DUG	WHERE MARK	KED BY RANCHO CALIFORNIA	WATER, WENT DOWN TO	11' DEEP. NO UTILITY	FOUND.
25.75-12	L-9	24" WATER	CML&C	RANCHO WATER			148+98.90		1367.29						
		·······					TIONAL POTHOLI				10/14/2024		D BY		Y PLAN

xp. 3/31/26 **REVISIONS** BY DATE

PREPARED UNDER THE SUPERVISION OF: Mark Readen 06/19/24 MARK S. READER
PROJECT MANAGER
NCM ENGINEERING
4740 GREEN RIVER RD, STE 203
CORONA, CA 92880

USERNAME => \$USER DGN FILE => \$REQUEST

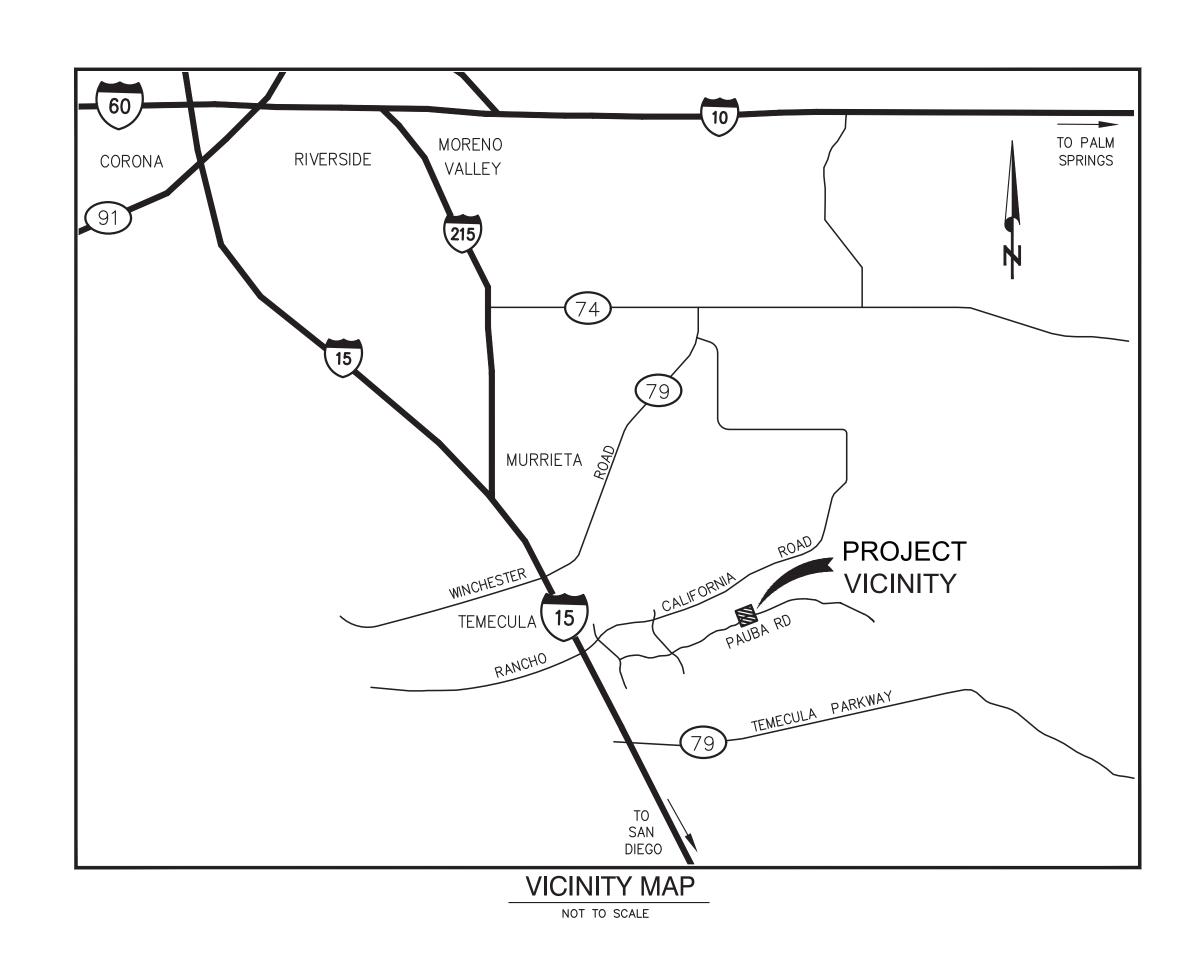
PAUBA RD VIA DEL MONTE TO CALLE CONTENTO

POTHOLE LOCATIONS

# RANCHO CALIFORNIA WATER DISTRICT

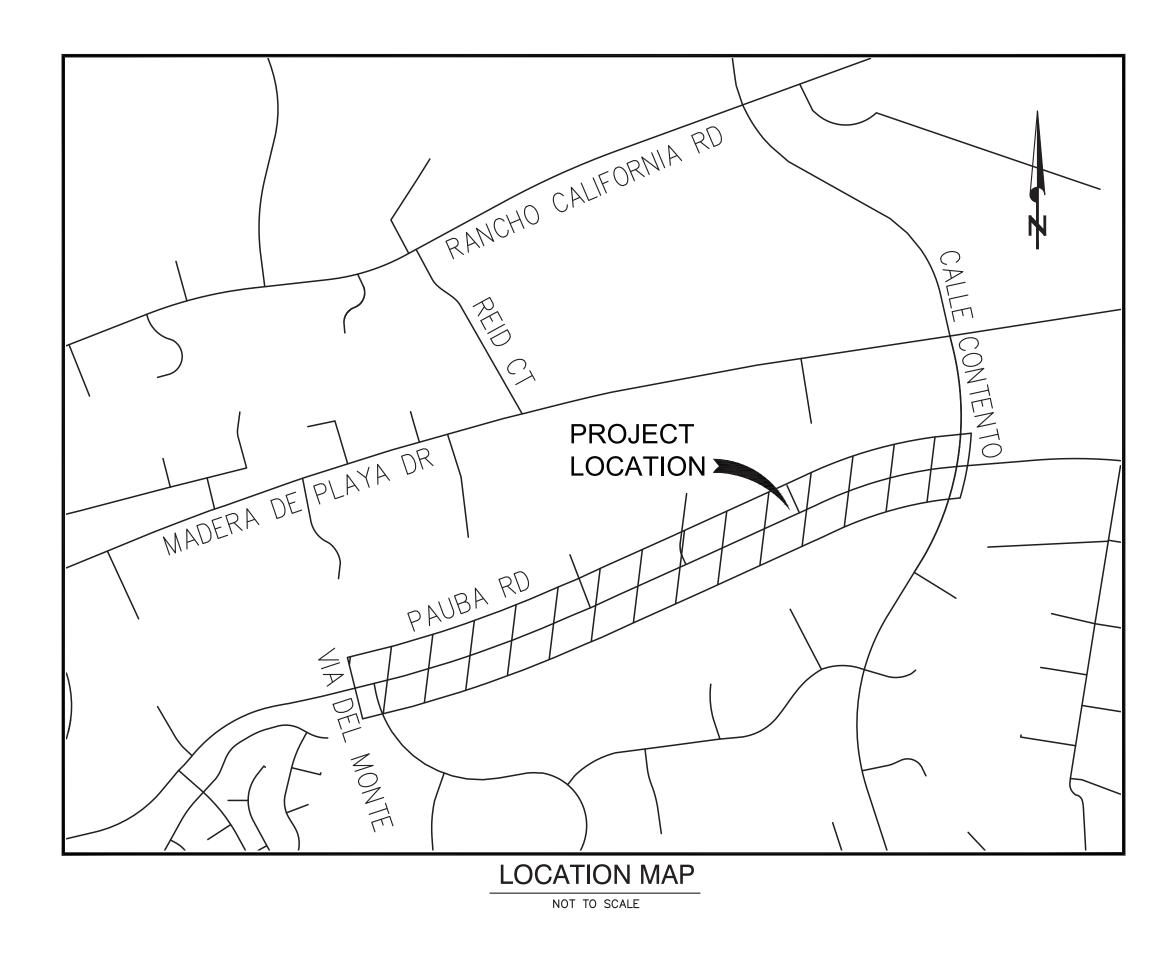
# PAUBA ROAD WATER RELOCATION PLANS

# PROJECT No. CX-XXXX



## SHEET INDEX

SHEET NO.	SHEET	DESCRIPTION
1	G-1	TITLE SHEET
2	G-2	GENERAL NOTES
3	W-1	8-INCH PVC WATERLINE RELOCATION
4	W-2	APPURTENANCE RELOCATIONS STA 90+00 TO 100+00
5	W-3	APPURTENANCE RELOCATIONS STA 100+00 TO 110+00
6	W-4	APPURTENANCE RELOCATIONS STA 110+00 TO 120+00
7	W-5	APPURTENANCE RELOCATIONS STA 120+00 TO 130+00
8	W-6	APPURTENANCE RELOCATIONS STA 130+00 TO 140+00
9	W-7	APPURTENANCE RELOCATIONS STA 140+00 TO 152+00
10	D-1	DETAIL SHEET FIRE HYDRANTS
11	D-2	DETAIL SHEET FIRE HYDRANTS, AIR VALVES, METERS
12	D-3	DETAIL SHEET METERS, BACKFLOWS, CP TEST STATIONS



BENCHMARK

THE BENCHMARK USED FOR THIS SURVEY IS: "SD6-11" DATUM: NAVD88 ELEVATION: 1264.70'

FOUND 3-1/4" ALUM. DISC STAMPED "WETROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA SD6-11 1992", IN TOP OF 8 INCH DIA. CONCRETE POST, DOWN 2' IN DIRT, 6.5' NORTHERNLY OF PP# 1991305E, PER NGS DATA SHEET DX5500 (P.I.D.). THE ORTHOMETRIC HEIGHT WAS DETERMINED BY DIFFERENTIAL LEVELLING AND ADJUSTED BY THE NATIONAL GEODETIC SURVEY IN JANUARY 1993.

REVISIONS

NUMBER DATE INITIALS DESCRIPTION

DESIGNED SW

DRAWN
GW

CHECKED SM

HAZEN AND SAWYER
7700 IRVINE CENTER DRIVE, SUITE 200
IRVINE, CALIFORNIA 92618



RANCHO CALIFORNIA WATER DISTRICT								
APPROVED FOR CONSTRUCTION								
DIRECTOR OF ENGINEERING DATE	ENGINEERING DATE							
CONTRACTS & INSPECTION DATE	OPERATIONS & MAINTENANCE DATE							

RANCHO CALIFORNIA WATER DISTRICT
PAUBA ROAD WATER PLANS

TITLE SHEET

G-1

SHEET 1 OF 12

CONTRACTOR SHALL FURNISH AND INSTALL ALL FACILITIES IN ACCORDANCE WITH RANCHO CALIFORNIA WATER DISTRICT'S (RCWD/DISTRICT) <u>STANDARD</u> <u>SPECIFICATIONS AND STANDARD DRAWINGS FOR WATER AND SANITARY SEWER FACILITIES</u> (LATEST REVISION). THE SPECIFICATIONS AND STANDARD DRAWINGS ARE AVAILÀBLE FROM THE DISTRICT'S WEBSITE AT WWW.RANCHOWATER.COM. CONTRACTOR SHALL BE IN POSSESSION OF DISTRICT'S SPECIFICATIONS AND

STANDARD DRAWINGS ON THE JOB SITE AT ALL TIMES.

- B. ALL PERMITS REQUIRED BY LAW SHALL BE ACQUIRED BY THE DEVELOPER/APPLICANT OR THEIR CONTRACTOR.
- C. ALL CONSTRUCTION SHALL CONFORM TO CURRENT CAL OSHA SAFETY REQUIREMENTS.
- D. APPROVAL BY RCWD IMPLIES NO PERMISSION OTHER THAN THAT WITHIN THE DISTRICT'S JURISDICTION. REQUIREMENTS OF RCWD SHALL TAKE PRECEDENCE OVER REQUIREMENTS OF OTHER AGENCIES ONLY WHEN RCWD REQUIREMENTS ARE MORE STRINGENT.
- E. CONTRACTOR SHALL NOTIFY RCWD'S CONSTRUCTION CONTRACTS MANAGER A MINIMUM OF ONE WEEK PRIOR TO STARTING CONSTRUCTION. A PRECONSTRUCTION MEETING WILL NOT BE SCHEDULED UNTIL ALL ITEMS IN THE DEVELOPER'S INSPECTION PACKAGE HAVE BEEN SUBMITTED TO AND APPROVED BY RCWD. A MINIMUM OF ONE WEEK IS REQUIRED FOR REVIEW AND APPROVAL.
- F. CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO THE RCWD CONSTRUCTION CONTRACTS MANAGER REQUESTING A SYSTEM SHUTDOWN FOR CONNECTIONS TO EXISTING SYSTEM. SAID NOTIFICATION SHALL BE MADE A MINIMUM OF THREE WEEKS PRIOR TO SAID SHUTDOWN.
- G. CONTRACTOR SHALL DESIGNATE A QUALIFIED SUPERINTENDENT WITH FULL AUTHORITY TO ACT ON BEHALF OF THE CONTRACTOR. SAID SUPERINTENDENT SHALL BE ON THE JOB SITE AT ALL TIMES.
- H. CONTRACTOR SHALL PERFORM ALL WORK UNDER RIVERSIDE COUNTY ROAD DEPARTMENT, CITY OF TEMECULA, OR CITY OF MURRIETA JURISDICTION IN ACCORDANCE WITH ALL REQUIREMENTS OF SAID DEPARTMENT OR CITY INCLUDING TRAFFIC CONTROL, PAVEMENT REMOVAL, TEMPORARY PAVEMENT PLACEMENT, PERMANENT PAVÉMENT PLACEMENT (INCLUDING BASE MATERIAL) AND TEMPORARY AND PERMANENT TRAFFIC STRIPING.
- APPROVAL OF THESE PLANS IS VALID FOR ONE YEAR FROM THE DATE THEY WERE SIGNED BY RCWD.

### 2. PIPELINE AND APPURTENANCES

- A. ALL VALVES, PIPING, AND APPURTENANCES SHALL BE DESIGNED TO MEET OR EXCEED THE SPECIFIED MINIMUM DESIGN PRESSURE SHOWN ON THE PLAN/PROFILE SHEETS. IN ADDITION, ALL VALVES, PIPING, AND APPURTENANCES SHALL BE TESTED AT A PRESSURE OF 10% OVER SAID MINIMUM DESIGN PRESSURE. VALVES SHALL BE CAPABLE OF WITHSTANDING
- SAID TEST PRESSURE IN A CLOSED POSITION. ALL MATERIALS, TESTING, AND INSPECTION SHALL BE IN CONFORMITY WITH THE REQUIREMENTS OF RANCHO CALIFORNIA WATER DISTRICT, RIVERSIDE COUNTY, CITY OF TEMECULA, CITY OF MURRIETA, AND/OR THE AMERICAN WATER WORKS ASSOCIATION STANDARDS. FAILURE TO MEET ANY REQUIREMENTS OF THE ABOVE REFERENCED ENTITIES WILL BE CAUSE FOR REJECTION.
- C. PIPE SHALL BE 8" C-900, CLASS 200 (DR-14) PVC PIPE.
- D. VALVES 12" AND SMALLER SHALL BE RESILIENT SEATED GATE VALVES UNLESS OTHERWISE SPECIFIED. VALVES 16" AND LARGER SHALL BE BUTTERFLY VALVES UNLESS OTHERWISE SPECIFIED. VALVES SHALL BE INSTALLED IN ACCORDANCE WITH RCWD STANDARD DRAWING NOS. RW-30 AND RW-31.
- E. AIR VACUUM AND AIR RELEASE ASSEMBLIES SHALL BE INSTALLED IN ACCORDANCE WITH RCWD STANDARD DRAWING NO. RW-9 AND RW-10.
- ALL SERVICE CONNECTIONS SHALL BE 1" AND 2" COPPER SERVICES BY TYPICAL DROP-IN METERS AS NOTED ON THE DRAWINGS. ALL SERVICES SHALL BE LOCATED AS SHOWN ON THE DRAWINGS AND/OR AS DIRECTED BY RCWD INSPECTOR, TO MISS DRIVEWAYS AND OTHER IMPROVEMENTS. SERVICE CONNECTIONS SHALL BE INSTALLED IN ACCORDANCE WITH RCWD STANDARD DRAWING NO. RW-13, RW-14, AND RW-16.
- ALL COMMERCIAL, INDUSTRIAL, MULTI-FAMILY, LARGE-LOT, OR LANDSCAPE IRRIGATION METERS SHALL BE INSTALLED WITH A DISTRICT APPROVED BACKFLOW DEVICE (RW-18 OR RW-19).
- G. FIRE HYDRANTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DRAWING NO. RW-7 OR RW-8 UNLESS OTHERWISE SPECIFIED, THE PRESSURE CLASS OF THE PIPE SELECTED FOR THE FIRE LATERAL SHALL BE THE SAME AS THE MAIN IT IS CONNECTED TO.
- H. WATER PIPELINE CONSTRUCTION SHALL BE IN ACCORDANCE WITH STANDARD DRAWING NOS. RW-22, RW-24 AND RW-27 FOR PVC PIPE.
- I. THRUST RESTRAINT SHALL BE PROVIDED BY WELDED JOINTS OR MECHANICAL JOINT RESTRAINTS. IF CONCRETE THRUST BLOCKS ARE ALLOWED BY RCWD, THRUST BLOCKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH RCWD STANDARD DRAWING NO. RW-26 WITH ALL BEARING AREA SIZES CALLED OUT ON THE PLANS.

### 3. UTILITIES

- A. AT LEAST 48 HOURS BEFORE COMMENCING ANY EXCAVATION, CONTRACTOR SHALL REQUEST UNDERGROUND SERVICE ALERT (1-800-422-4133) AND NON-MEMBER COMPANIES, OR UTILITIES TO MARK OR OTHERWISE INDICATE THE LOCATION(S) OF THEIR SUBSURFACE FACILITIES INCLUDING, BUT NOT LIMITED TO, STRUCTURES INCLUDING VAULTS, MAIN CONDUCTORS OR CONDUITS, AND SERVICE CONNECTIONS.
- B. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXPOSE EXISTING WATERLINES AT PROPOSED CONNECTIONS AND CROSSINGS AND VERIFY ELEVATIONS, LOCATIONS, AND SIZE OF EXISTING FACILITIES.
- C. CONTRACTOR SHALL NOT INTERRUPT OR DISTURB ANY UTILITY FACILITY WITHOUT AUTHORITY FROM THE UTILITY COMPANY. WHERE PROTECTION IS REQUIRED TO ENSURE INTEGRITY OF UTILITY FACILITIES (INCLUDING DISTRICT-OWNED UTILITIES), CONTRACTOR SHALL FURNISH AND PLACE ALL NECESSARY PROTECTION.

### 4. CONSTRUCTION DRAWINGS

- A. MINIMUM PIPE COVER SHALL BE 48" FROM FINISHED GROUND SURFACE.
- B. WATER SYSTEM PROFILE ELEVATIONS ARE TO FLOW LINE OF PIPE.
- C. STATIONING FOR PIPELINE AS SHOWN ON PLAN PORTION OF DRAWINGS IS PERPENDICULAR TO CENTERLINE OF RIGHT-OF-WAY.
- D. STANDARD UTILITY LOCATIONS SHALL BE PER RIVERSIDE COUNTY STANDARD NO. 817 AND RCWD STANDARD DRAWING S-23. SEPARATION BETWEEN WATER AND SEWER SHALL BE PER CALIFORNIA DEPARTMENT OF PUBLIC HEALTH (CDPH) <u>GUIDANCE CRITERIA FOR THE SEPARATION OF WATERMAINS AND NON-PÒTABLÉ</u>
- E. THE COORDINATES SHOWN ON THESE PLANS ARE IN THE NORTH AMERICAN DATUM 1983, STATE PLANE, CALIFORNIA ZONE 6 COORDINATE SYSTEM.
- F. PURSUANT TO 16 CALIFORNIA CODE OF REGULATIONS 404.1, NO CHANGES TO THE CONSTRUCTION DRAWINGS ARE PERMITTED WITHOUT THE RESPONSIBLE CHARGE OF A REGISTERED CIVIL ENGINEER THROUGH THE PROCESS IDENTIFIED IN SECTION II.D. OF RCWD'S WATER SYSTEM FACILITY REQUIREMENTS AND DESIGN GUIDELINES (LATEST VERSION). RCWD INSPECTION AND ENGINEERING STAFF HAVE NO AUTHORITY TO APPROVE FIELD CHANGES WITHOUT THE PRIOR STAMPED AND SEALED REVISIONS APPROVED BY THE ENGINEER OF RECORD OR A SUCCESSOR ENGINEER. ALL WORK DONE IN VIOLATION OF APPROVED PLANS SHALL BE EXCAVATED AND REMOVED AT THE CONTRACTOR'S SOLE EXPENSE.

### 5. CONSTRUCTION TOLERANCES

PIPELINES SHALL BE CONSTRUCTED SO THAT ACTUAL FLOW LINE ELEVATIONS ARE WITHIN 0.1 FOOT OF DESIGN FLOW LINE ELEVATIONS. PIPELINES, WHEN INSTALLED, SHALL HAVE CONTINUOUS UPGRADE OR DOWNGRADE, CORRESPONDING WITH DESIGN SLOPE, WITHOUT ANY HIGH SPOTS. PIPELINES SHALL BE CONSTRUCTED SO THAT ACTUAL PIPELINE CENTERLINES ARE WITHIN 0.1 FOOT OF DESIGN PIPELINE CENTERLINES.

PIPELINE CONSTRUCTION SHALL CONFORM WITH CONSTRUCTION DRAWINGS IN ACCORDANCE WITH THE ABOVE SPECIFIED TOLERANCES. CONTRACTOR SHALL ASSIST DISTRICT AS REQUIRED TO CONFIRM COMPLIANCE WITH CONSTRUCTION TOLERANCES. CONTRACTOR SHALL MAKE OR ASSIST IN MAKING ALL NECESSARY MEASUREMENTS AS DETERMINED BY DISTRICT.

### 6. INSPECTION DEPOSIT

THREE WEEKS PRIOR TO CONSTRUCTION, DEVELOPER/APPLICANT SHALL MAKE A DEPOSIT FOR INSPECTION. INSPECTION DEPOSITS ARE BASED UPON ESTIMATES. SHOULD ACTUAL COSTS BE GREATER, THE BALANCE SHALL BE PAID TO THE DISTRICT BY THE APPLICANT. SHOULD ACTUAL COSTS BE LESS, THE BALANCE SHALL BE REFUNDED TO THE APPLICANT. FEES/DEPOSITS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

### 7. ENGINEERING FIRM

PRIOR TO SIGNING OF WATER CONSTRUCTION DRAWINGS BY RCWD, ALL QUESTIONS CONCERNING THIS PROJECT SHALL BE DIRECTED TO:

WILLIAM T. MALONE PE / PMP
(NAME)
SENIOR ASSOCIATE
(TITLE)
HAZEN AND SAWYER
(FIRM)

### ABBERVIATIONS

(AS SHOWN ON PLANS)

ASPH	ASPHALT	MIN	MINIMUM
AV/AR	AIR VACUUM AND AIR RELEASE ASSEMBLY	N	NORTH
BF	BLIND FLANGE	OBS	OBSTRUCTED
ВО	BLOW-OFF	OHE	OVERHEAD ELECTRIC
C/L, Q	CENTERLINE	PC	POINT OF CURVATURE
CML&C	CEMENT MORTAR LINED AND COATED	PCC	POINT OF COMPOUND CURVATURE
CMP	CORRUGATED METAL PIPE	PL	PIPELINE
		PT	POINT OF TANGENT
СОММ	COMMUNICATION	PP	POWER POLE
DEFL	DEFLECTION	RT	RIGHT
Е	EAST	R/W	RIGHT-OF-WAY
EP	EDGE OF PAVEMENT	, RD	ROAD
EXST	EXISTING	S	SOUTH
FL, FL	FLOW LINE	SCE	SOUTHERN CALIFORNIA EDISON
GA	GAUGE	STA	STATION
GB	GRADE BREAK	TEL	TELEPHONE
HORIZ	HORIZONTAL	UGE	UNDERGROUND ELECTRIC
HPI	HORIZONTAL POINT OF INFLECTION	UGT	UNDERGROUND TELEPHONE
HP	HIGH PRESSURE	W	WEST
INT	INTERSECTION		

### LEGEND

INV

INVERT

LEFT

LLGLIND			_
	PROPOSED WATERLINE	0	
	PROPOSED WATERLINE (WITH INTERFERENCES)	O	PADDLE / UTILITY RISER
<del></del>	PROPOSED SIDE OUTLET OR TEE		EDGE OF DIRT ROAD
<b></b>  ⊗	PROPOSED RESILIENT SEATED GATE/WEDGE VALVE	(OHE)	RIGHT-OF-WAY  OVERHEAD ELECTRIC LINE
	PROPOSED 6" HP FIRE HYDRANT ASSEMBLY	(UGC)	UNDERGROUND COMMUNICATION LINE
<b>←</b> — ⊣⊠H	PROPOSED 6" HP FIRE HYDRANT ASSEMBLY	——(UGE)——	UNDERGROUND ELECTRIC LINE
•	(WITH INTERFERENCES)	===(SD)===	STORM DRAIN CULVERT
<b>S</b> ——	PROPOSED WATER SERVICE (CONNECT TO EXIST.		EDGE OF ASPHALT PAVEMENT
	METER; SIZE AS NOTED)		TRAFFIC STRIPES
$\bigcirc$	PROPOSED WATER QUALITY SAMPLING STATION		UNDERGROUND UTILITY CROSSING (AS NOTE
$\triangleright$	PROPOSED THRUST BLOCK	>	SIGN
Γ <u></u>	PROPOSED AIR VACUUM AND AIR RELEASE		ROCK
	ASSEMBLY	$\Diamond$	TREE
***	PROPOSED DUCTILE IRON ELBOW	•	GUY WIRE
- (W) —	EXISTING WATERLINE/SIZE/MATERIAL	-	POWER POLE
<b>□</b>	EXISTING WATER SERVICE		WATER METER BOX
<del>( 1811  </del>	EXISTING FIRE HYDRANT ASSEMBLY	<b>●</b>	STREET LIGHT
•	EXISTING AIR VACUUM AND AIR RELEASE		

### ESTIMATE OF QUANTITIES

ASSEMBLY

QUANTITY	UNIT	ITEM DESCRIPTION	STD DWG
2	EA	STEEL FIRE HYDRANT TYPE 1 RELOCATION: ADJUST TO GRADE	RW-7
8	EA	STEEL FIRE HYDRANT TYPE 1 RELOCATION: HORIZONTAL OFFSET	RW-7
3	EA	STEEL FIRE HYDRANT TYPE 3 RELOCATION: ABANDON & REPLACE	RW-2, RW-7
2	EA	PVC FIRE HYDRANT TYPE 3 RELOCATION: ABANDON & REPLACE	RW-2, RW-8
3	EA	2" AIR VAC & AIR RELEASE TYPE 1 RELOCATION: ADJUST TO GRADE	RW-10
6	EA	2" AIR VAC & AIR RELEASE TYPE 2 RELOCATION: HORIZONTAL OFFSET	RW-10
3	EA	1" SERVICE LATERAL/METER TYPE 1 RELOCATION: ADJUST TO GRADE	RW-13, RW-16
8	EA	1" SERVICE LATERAL/METER TYPE 2 RELOCATION: HORIZONTAL OFFSET	RW-13, RW-18
2	EA	BACKFLOW ASSEMBLY TYPE 2 RELOCATION: HORIZONTAL OFFSET	RW-16, RW-18
6	EA	CP TEST STATION TYPE 3 RELOCATION: ABANDON & REPLACE	RW-40A
1	LS	8" PVC WATERLINE RELOCATION	RW-22, RW-26E
254	LF	8" C-900, CLASS 200 (DR-14) PVC PIPE	RW-22
1	EA	1" AIR VAC & AIR RELEASE VALVE	RW-9

REVISIONS AS SHOWN NUMBER | DATE | INITIALS | DESCRIPTION DESIGNED SW DRAWN GW CHECKED

HAZEN AND SAWYER

7700 IRVINE CENTER DRIVE, SUITE 200

**IRVINE, CALIFORNIA 92618** 



Rancho California Water District 42135 WINCHESTER ROAD TEMECULA, CA 92590 PHONE: (951) 296-6900 FAX: (951) 296-6863

RANCHO CALIFORNIA WATER DISTRICT APPROVED FOR CONSTRUCTION ENGINEERING

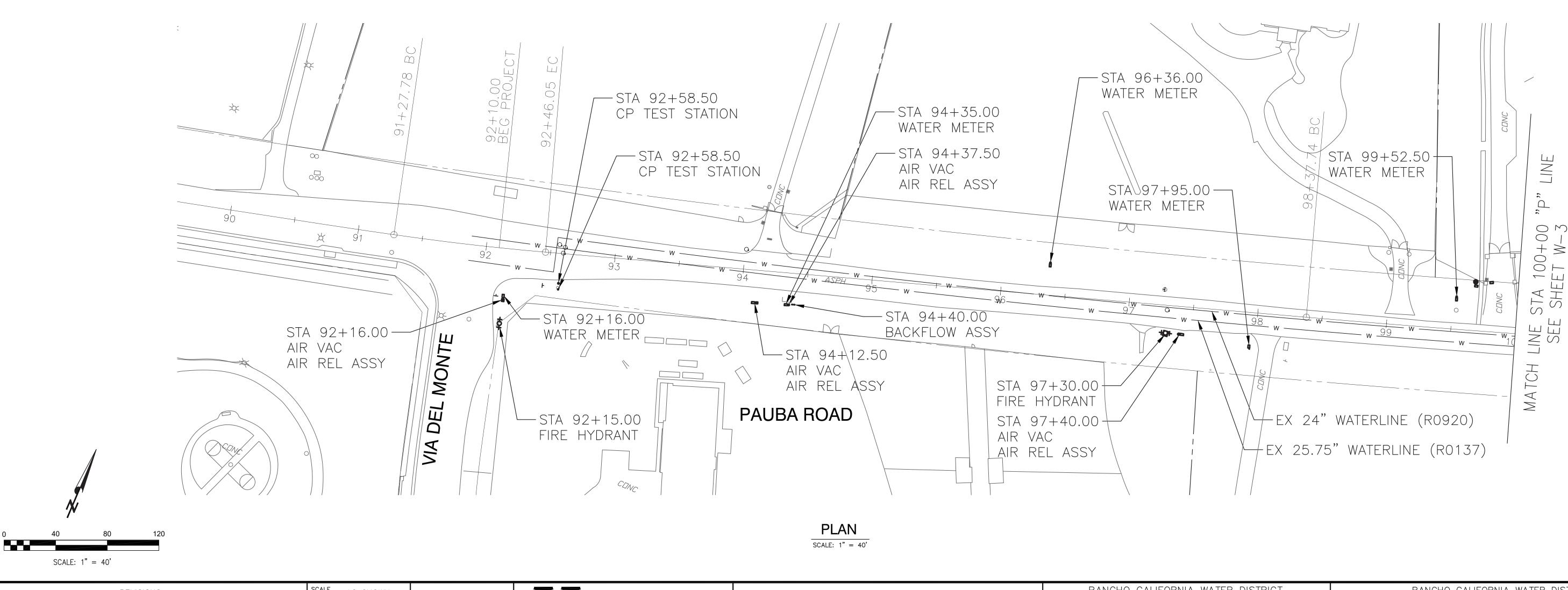
RANCHO CALIFORNIA WATER DISTRICT PAUBA ROAD WATER PLANS

GENERAL NOTES

SHEET

969-TT

Road Plans Utility/Construction Note No.	Road Plans Utility Note	Connecting Pipeline	Initial Station +/-	Relocated Station +/-	Relocation Type	Vertical Offset (ft) +/-	Horizontal Offset (ft) +/-	Road Plans Sheet No.
1	Protect in Place Fire Hydrant	24" (CML&C)	92+15.00	92+15.00	Protect	0.0	0.0	L-1 (07 of 59)
1	Protect in Place Air Vac Air Rel Assy	24" (CML&C)	92+16.00	92+16.00	Protect	0.0	0.0	L-1 (07 of 59)
1	Protect in Place Meter	25.75" (CML&C)	92+16.00	92+16.00	Protect	0.0	0.0	L-1 (07 of 59)
21	Relocate CP Test Station & Post	25.75" (CML&C)	92+58.50	92+58.50	Type 3	0.3	4.7	L-1 (07 of 59)
21	Relocate CP Test Station & Post	24" (CML&C)	92+58.50	92+58.50	Type 3	0.3	4.7	L-1 (07 of 59)
18	Relocate Air Vac Air Rel Assy	24" (CML&C)	94+12.50	94+12.50	Type 2	-0.7	5.4	L-1 (07 of 59)
19	Relocate Water Meter	25.75" (CML&C)	94+35.00	94+35.00	Type 2	0.1	4.3	L-1 (07 of 59)
18	Relocate Air Vac Air Rel Assy	25.75" (CML&C)	94+37.50	94+37.50	Type 2	0.1	4.3	L-1 (07 of 59)
22	Relocate Backflow Assembly	25.75" (CML&C)	94+40.00	94+40.00	Type 2	-1.0	2.2	L-1 (07 of 59)
19	Relocate Water Meter	25.75" (CML&C)	96+36.00	96+36.00	Type 2	-2.3	7.1	L-1 (07 of 59)
33	Adjust Fire Hydrant To Grade	24" (CML&C)	97+30.00	97+30.00	Type 1	0.9	0.0	L-1 (07 of 59)
34	Adjust Air Vac Air Rel Assy To Grade	24" (CML&C)	97+40.00	97+40.00	Type 1	0.7	0.0	L-1 (07 of 59)
1	Protect in Place Meter	25.75" (CML&C)	97+95.00	97+95.00	Protect	0.0	0.0	L-2 (08 of 59)
19	Relocate Water Meter	25.75" (CML&C)	99+52.50	99+52.50	Type 2	1.0	10.3	L-2 (08 of 59)



SCALE AS SHOWN REVISIONS NUMBER DATE INITIALS DESCRIPTION SW CHECKED

Hazen HAZEN AND SAWYER 7700 IRVINE CENTER DRIVE, SUITE 200 IRVINE, CALIFORNIA 92618



Rancho California Water District 42135 WINCHESTER ROAD TEMECULA, CA 92590 PHONE: (951) 296-6900 FAX: (951) 296-6863

RANCHO CALIFORNIA WATER DISTRICT APPROVED FOR CONSTRUCTION ENGINEERING

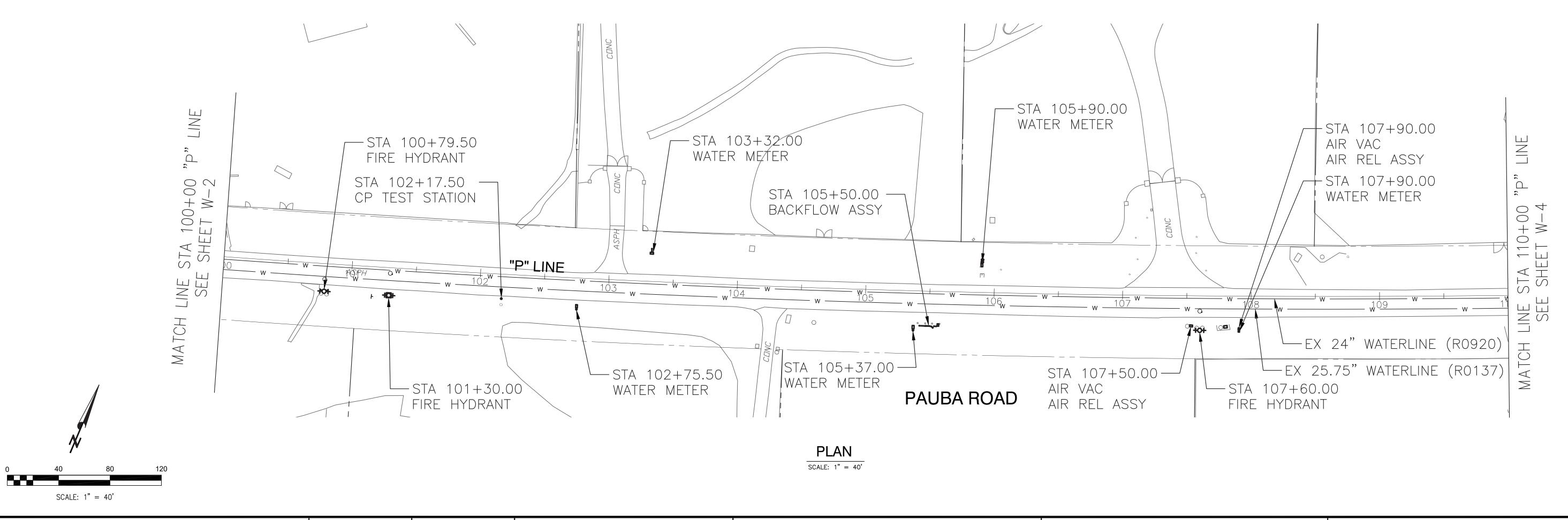
RANCHO CALIFORNIA WATER DISTRICT PAUBA ROAD WATER PLANS

APPURTENANCE RELOCATIONS PLAN STA 90+00 TO 100+00

SHEET

SHEET 4 OF 12 969-TT

Road Plans Utility/Construction Note No.	Road Plans Utility Note	Connecting Pipeline	Initial Station +/-	Relocated Station +/-	Relocation Type	Vertical Offset (ft) +/-	Horizontal Offset (ft) +/-	Road Plans Sheet No.
16	Relocate Fire Hydrant & Posts	25.75" (CML&C)	100+79.50	100+79.50	Type 2	3.8	3.3	L-2 (08 of 59)
16	Relocate Fire Hydrant & Posts	24" (CML&C)	101+30.00	101+30.00	Type 2	3.6	0.5	L-2 (08 of 59)
21	Relocate CP Test Station & Post	24" (CML&C)	102+17.50	102+17.50	Type 3	3.5	-2.2	L-2 (08 of 59)
35	Adjust Water Meter To Grade	25.75" (CML&C)	102+75.50	102+75.50	Type 1	3.6	0.0	L-2 (08 of 59)
19	Relocate Water Meter	25.75" (CML&C)	103+32.00	103+32.00	Type 2	3.8	6.1	L-2 (08 of 59)
1	Protect in Place Meter	25.75" (CML&C)	105+37.00	105+37.00	Protect	0.0	0.0	L-3 (09 of 59)
1	Protect in Place Backflow Assembly	25.75" (CML&C)	105+50.00	105+50.00	Protect	0.0	0.0	L-3 (09 of 59)
19	Relocate Water Meter	25.75" (CML&C)	105+90.00	105+90.00	Type 2	0.7	8.7	L-3 (09 of 59)
1	Protect in Place Air Vac Air Rel Assy	24" (CML&C)	107+50.00	107+50.00	Protect	0.0	0.0	L-3 (09 of 59)
1	Protect in Place Fire Hydrant	25.75" (CML&C)	107+60.00	107+60.00	Protect	0.0	0.0	L-3 (09 of 59)
1	Protect in Place Air Vac Air Rel Assy	25.75" (CML&C)	107+90.00	107+90.00	Protect	0.0	0.0	L-3 (09 of 59)
1	Protect in Place Meter	25.75" (CML&C)	107+90.00	107+90.00	Protect	0.0	0.0	L-3 (09 of 59)



REVISIONS

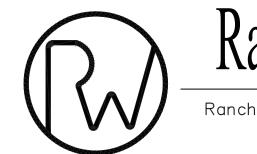
NUMBER DATE INITIALS DESCRIPTION

DESIGNED SW

DRAWN
GW

CHECKED SM

HAZEN AND SAWYER
7700 IRVINE CENTER DRIVE, SUITE 200
IRVINE, CALIFORNIA 92618



Rancho Water District

Rancho California Water District

42135 WINCHESTER ROAD

TEMECULA, CA 92590

PHONE: (951) 296-6900 FAX: (951) 296-6863

RANCHO CALIFORNIA WATER DISTRICT

APPROVED FOR CONSTRUCTION

ENGINEERING

DATE

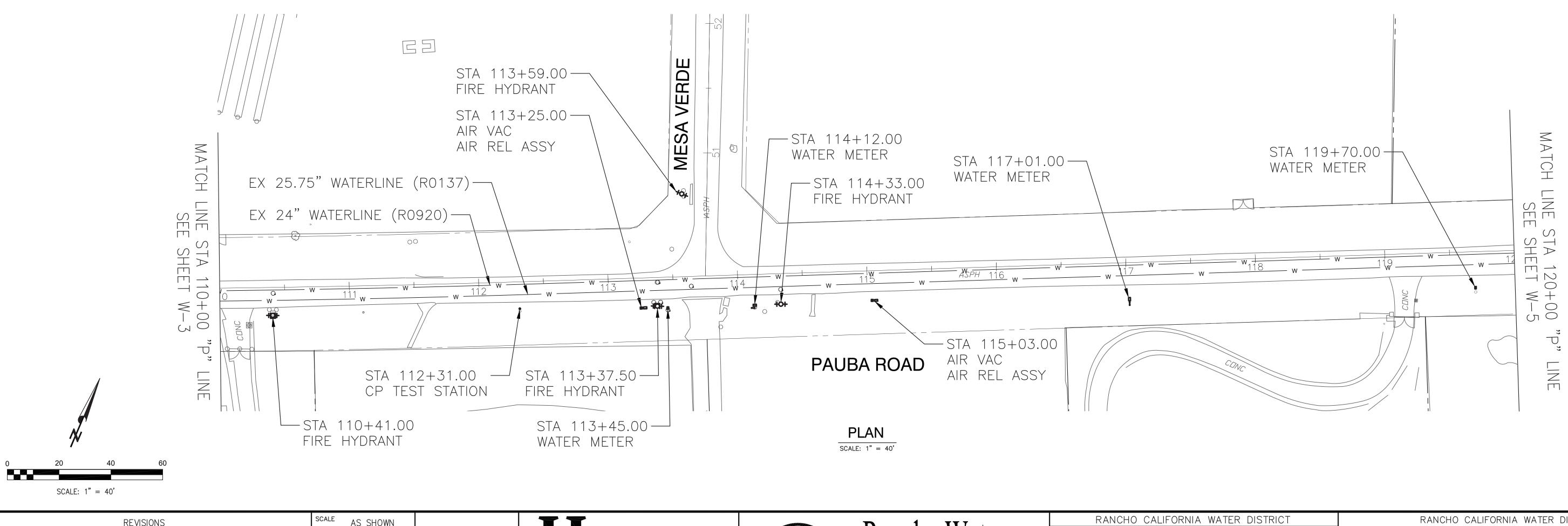
RANCHO CALIFORNIA WATER DISTRICT
PAUBA ROAD WATER PLANS

APPURTENANCE RELOCATIONS PLAN STA 100+00 TO 110+00 W-3
SHEET 5 OF 12

SHEET

969-TT

Road Plans Utility/Construction Note No.	Road Plans Utility Note	Connecting Pipeline	Initial Station +/-	Relocated Station +/-	Relocation Type	Vertical Offset (ft) +/-	Horizontal Offset (ft) +/-	Road Plans Sheet No.
16	Relocate Fire Hydrant & Posts	24" (CML&C)	110+41.00	110+41.00	Type 2	0.2	1.9	L-3 (09 of 59)
21	Relocate CP Test Station & Post	24" (CML&C)	112+31.00	112+31.00	Type 3	0.2	1.1	L-4 (10 of 59)
34	Adjust Air Vac Air Rel Assy To Grade	24" (CML&C)	113+25.00	113+25.00	Type 1	0.5	0.0	L-4 (10 of 59)
33	Adjust Fire Hydrant To Grade	24" (CML&C)	113+37.50	113+37.50	Type 1	0.5	0.0	L-4 (10 of 59)
35	Adjust Water Meter To Grade	25.75" (CML&C)	113+45.00	113+45.00	Type 1	1.4	0.0	L-4 (10 of 59)
1	Protect in Place Fire Hydrant	25.75" (CML&C)	113+59.00	113+59.00	Protect	0.0	0.0	L-4 (10 of 59)
1	Protect in Place Meter	25.75" (CML&C)	114+12.00	114+12.00	Protect	0.0	0.0	L-4 (10 of 59)
1	Protect in Place Fire Hydrant	25.75" (CML&C)	114+33.00	114+33.00	Protect	0.0	0.0	L-4 (10 of 59)
1	Protect in Place Air Vac Air Rel Assy	24" (CML&C)	115+03.00	115+03.00	Protect	0.0	0.0	L-4 (10 of 59)
1	Protect in Place Meter	25.75" (CML&C)	117+01.00	117+01.00	Protect	0.0	0.0	L-4 (10 of 59)
1	Protect in Place Meter	25.75" (CML&C)	119+70.00	119+70.00	Protect	0.0	0.0	L-5 (11 of 59)



REVISIONS AS SHOWN NUMBER DATE INITIALS DESCRIPTION DESIGNED SW GW CHECKED

Hazen HAZEN AND SAWYER 7700 IRVINE CENTER DRIVE, SUITE 200 IRVINE, CALIFORNIA 92618



Rancho California Water District

APPROVED FOR CONSTRUCTION 42135 WINCHESTER ROAD TEMECULA, CA 92590 PHONE: (951) 296-6900 FAX: (951) 296-6863 ENGINEERING

RANCHO CALIFORNIA WATER DISTRICT PAUBA ROAD WATER PLANS

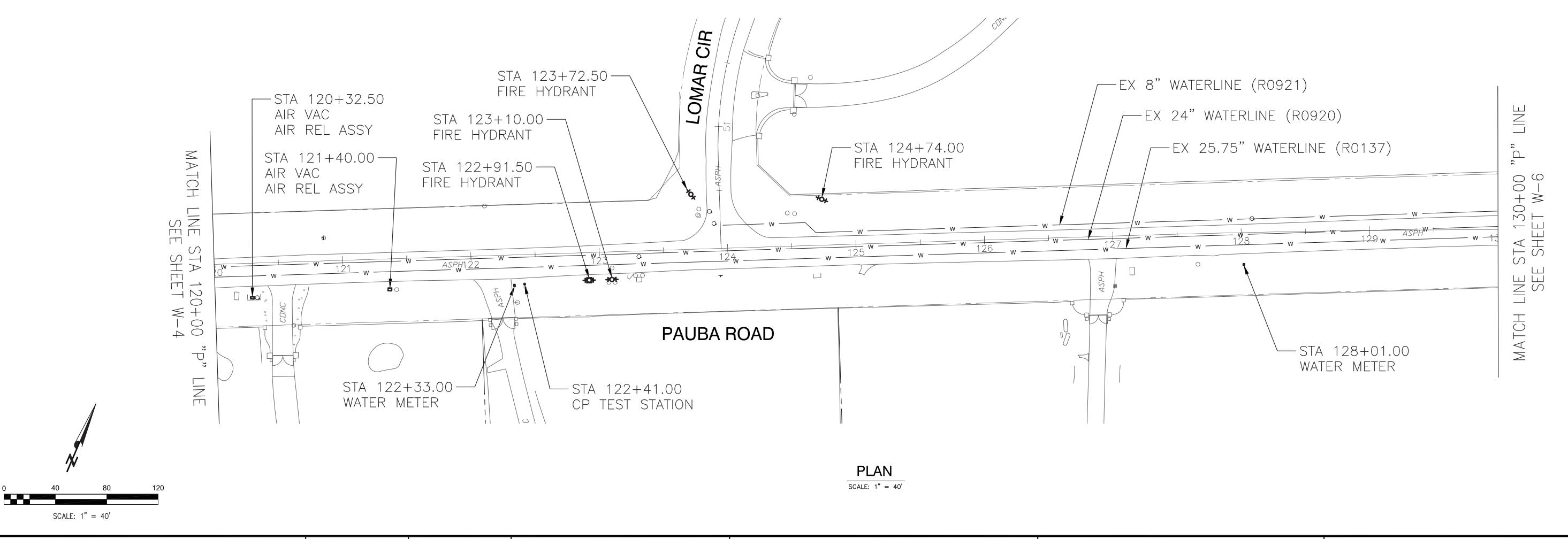
APPURTENANCE RELOCATIONS PLAN STA 110+00 TO 120+00

W-4 SHEET 6 OF 12

SHEET

969-TT

Road Plans Utility/Construction Note No.	Road Plans Utility Note	Connecting Pipeline	Initial Station +/-	Relocated Station +/-	Relocation Type	Vertical Offset (ft) +/-	Horizontal Offset (ft) +/-	Road Plans Sheet No.
34	Adjust Air Vac Air Rel Assy To Grade	25.75" (CML&C)	120+32.50	120+32.50	Type 1	0.3	0.0	L-5 (11 of 59)
1	Protect in Place Air Vac Air Rel Assy	24" (CML&C)	121+40.00	121+40.00	Protect	0.0	0.0	L-5 (11 of 59)
35	Adjust Water Meter To Grade	25.75" (CML&C)	122+33.00	122+33.00	Type 1	0.8	0.0	L-5 (11 of 59)
1	Protect in CP Test Station	24" (CML&C)	122+41.00	122+41.00	Protect	0.0	0.0	L-5 (11 of 59)
16	Abandon & Relocate Fire Hydrant & Posts	24" (CML&C)	123+30.00	122+91.50	Type 3	1.5	0.0	L-5 (11 of 59)
16	Relocate Fire Hydrant & Posts	25.75" (CML&C)	123+10.00	123+10.00	Type 2	2.0	4.4	L-5 (11 of 59)
16	Abandon & Relocate Fire Hydrant & Posts	8 (CML&C)	123+76.00	123+72.50	Type 3	-0.1	13.7	L-5 (11 of 59)
16	Abandon & Relocate Fire Hydrant & Posts	8 (PVC)	124+50.00	124+74.00	Type 3	0.8	7.5	L-5 (11 of 59)
1	Protect in Place Meter	25.75" (CML&C)	128+01.00	128+01.00	Protect	0.0	0.0	L-6 (12 of 59)



SCALE AS SHOWN REVISIONS NUMBER DATE INITIALS DESCRIPTION SW CHECKED

Hazen HAZEN AND SAWYER 7700 IRVINE CENTER DRIVE, SUITE 200 IRVINE, CALIFORNIA 92618



Rancho Water Rancho California Water District

42135 WINCHESTER ROAD TEMECULA, CA 92590 PHONE: (951) 296-6900 FAX: (951) 296-6863

RANCHO	CALIFORNIA	WATER	DISTRICT	
APPROVED FOR CONSTRUC	CTION			
ENGINEERING			D	ATE

RANCHO CALIFORNIA WATER DISTRICT PAUBA ROAD WATER PLANS

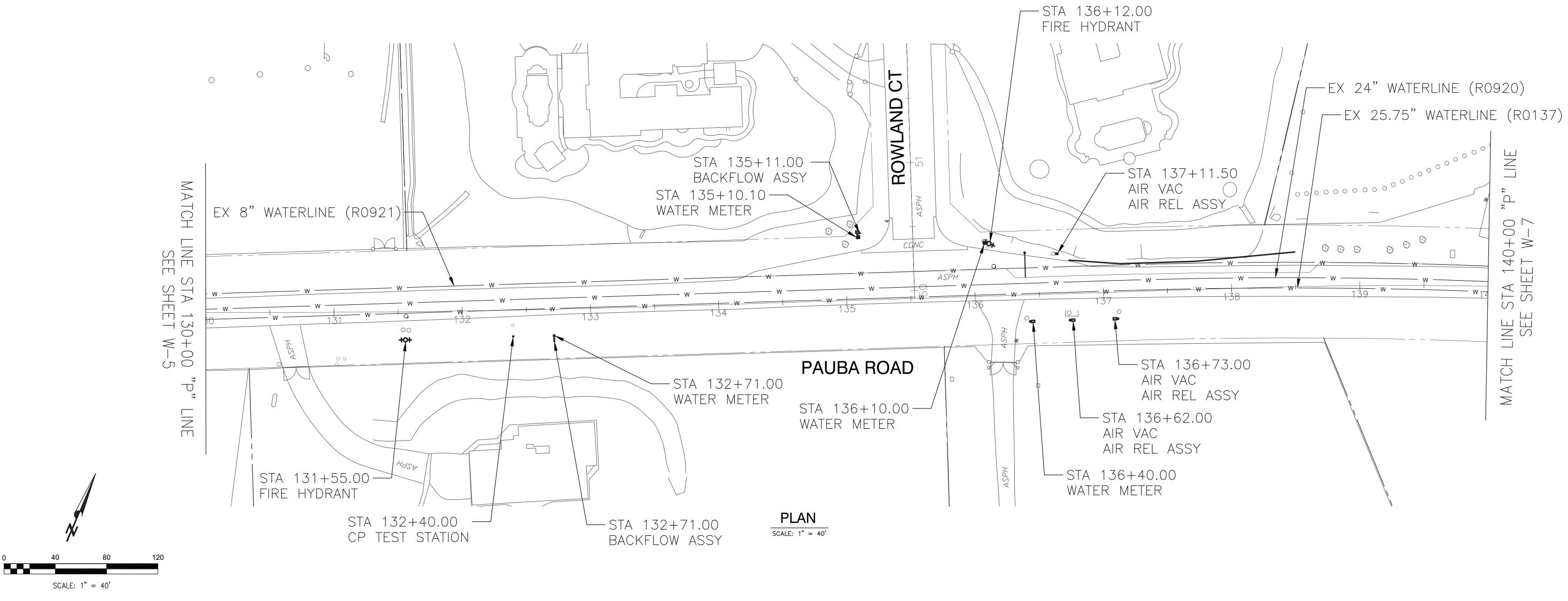
APPURTENANCE RELOCATIONS PLAN STA 120+00 TO 130+00

W-5

SHEET 7 OF 12 969-TT

SHEET

Road Plans Utility/Construction Note No.	Road Plans Utility Note	Connecting Pipeline	Initial Station +/-	Relocated Station +/-	Relocation Type	Vertical Offset (ft) +/-	Horizontal Offset (ft) +/-	Road Plans Sheet No.
16	Relocate Fire Hydrant & Posts	25.75" (CML&C)	131+55.00	131+55.00	Type 2	0.7	5.9	L-6 (12 of 59)
21	Relocate CP Test Station & Post	25.75" (CML&C)	132+40.00	132+40.00	Type 3	0.0	11.4	L-6 (12 of 59)
19	Relocate Water Meter	25.75" (CML&C)	132+71.00	132+71.00	Type 2	1.9	4.9	L-7 (13 of 59)
22	Relocate Backflow Assembly	25.75" (CML&C)	132+71.00	132+71.00	Type 2	2.0	4.9	L-7 (13 of 59)
35	Adjust Water Meter To Grade	8 (PVC)	135+09.95	135+10.10	Type 1	0.2	0.0	L-7 (13 of 59)
1	Protect in Place Backflow Assembly	8 (PVC)	135+11.00	135+11.00	Protect	0.0	0.0	L-7 (13 of 59)
1	Protect in Place Meter	8 (PVC)	136+10.00	136+10.00	Protect	0.0	0.0	L-7 (13 of 59)
1	Protect in Place Fire Hydrant	25.75" (CML&C)	136+12.00	136+12.00	Protect	0.0	0.0	L-7 (13 of 59)
19	Relocate Water Meter	25.75" (CML&C)	136+40.00	136+40.00	Type 2	1.6	2.6	L-7 (13 of 59)
1	Protect in Place Air Vac Air Rel Assy	8 (PVC)	136+62.00	136+62.00	Protect	0.0	0.0	L-7 (13 of 59)
18	Relocate Air Vac Air Rel Assy	25.75" (CML&C)	136+73.00	136+73.00	Type 2	1.8	5.7	L-7 (13 of 59)
18	Relocate Air Vac Air Rel Assy	24" (CML&C)	137+11.50	137+11.50	Type 2	-0.1	5.4	L-7 (13 of 59)



REVISIONS

NUMBER DATE INITIALS DESCRIPTION

DESIGNED SW

DRAWN
GW

CHECKED SM

HAZEN AND SAWYER
7700 IRVINE CENTER DRIVE, SUITE 200
IRVINE, CALIFORNIA 92618



Rancho Water

Rancho California Water District

42135 WINCHESTER ROAD

TEMECULA, CA 92590

PHONE: (951) 296-6800 FAX: (951) 296-6863

RANCHO CALIFORNIA WATER DISTRICT

APPROVED FOR CONSTRUCTION

ENGINEERING

DATE

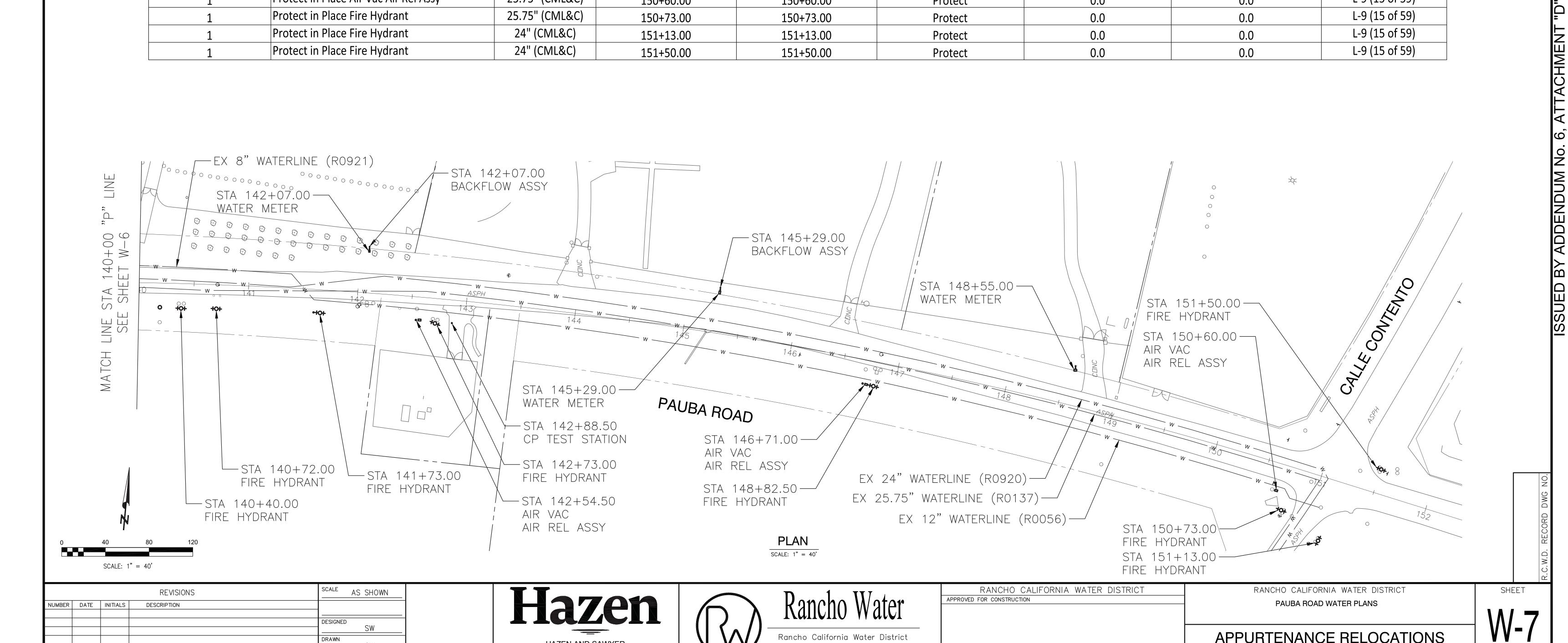
RANCHO CALIFORNIA WATER DISTRICT
PAUBA ROAD WATER PLANS

APPURTENANCE RELOCATIONS PLAN STA 130+00 TO 140+00 W-6

SHEET

SHEET 8 OF 12

969-TT



HAZEN AND SAWYER

7700 IRVINE CENTER DRIVE, SUITE 200

**IRVINE, CALIFORNIA 92618** 

GW

CHECKED

Rancho California Water District

TEMECULA, CA 92590

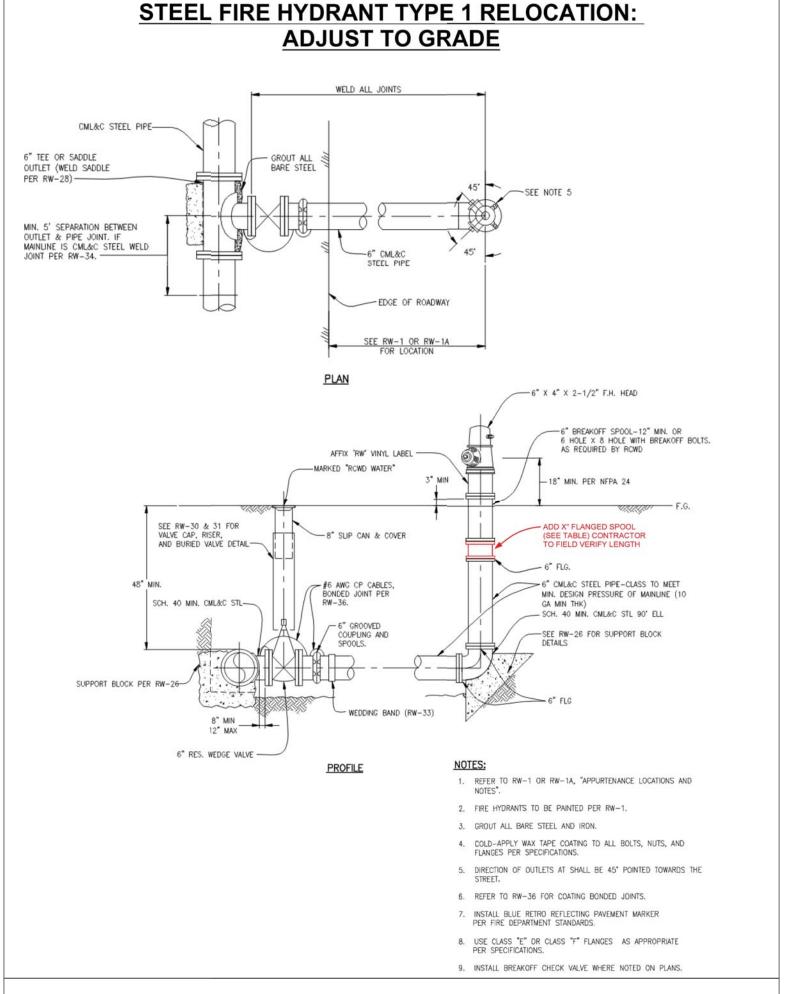
PHONE: (951) 296-6900 FAX: (951) 296-6863

ENGINEERING

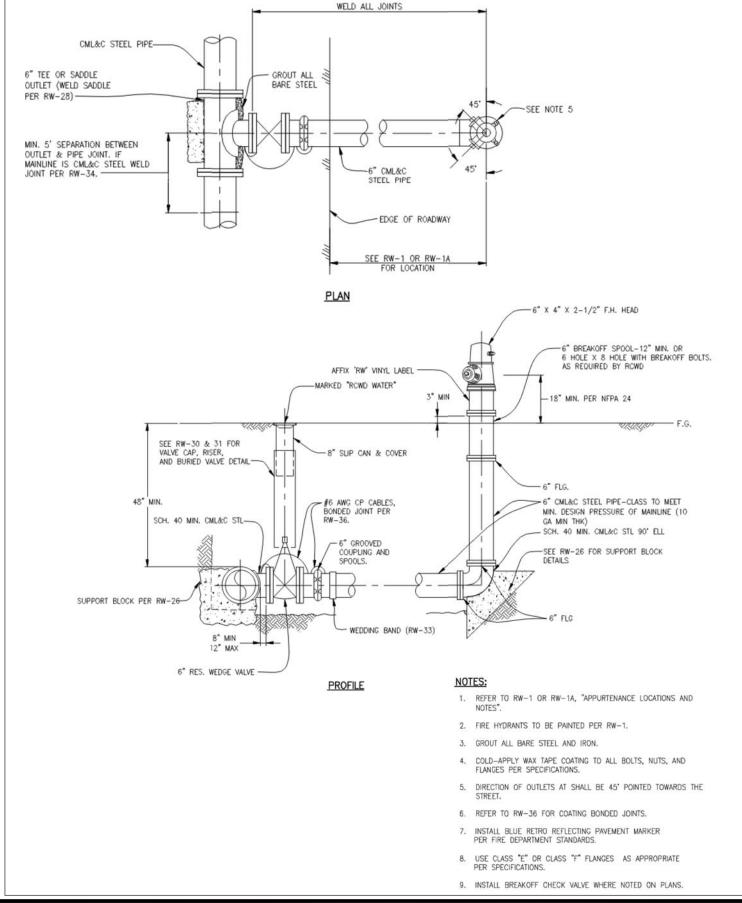
SHEET 9 OF 12 969-TT

APPURTENANCE RELOCATIONS

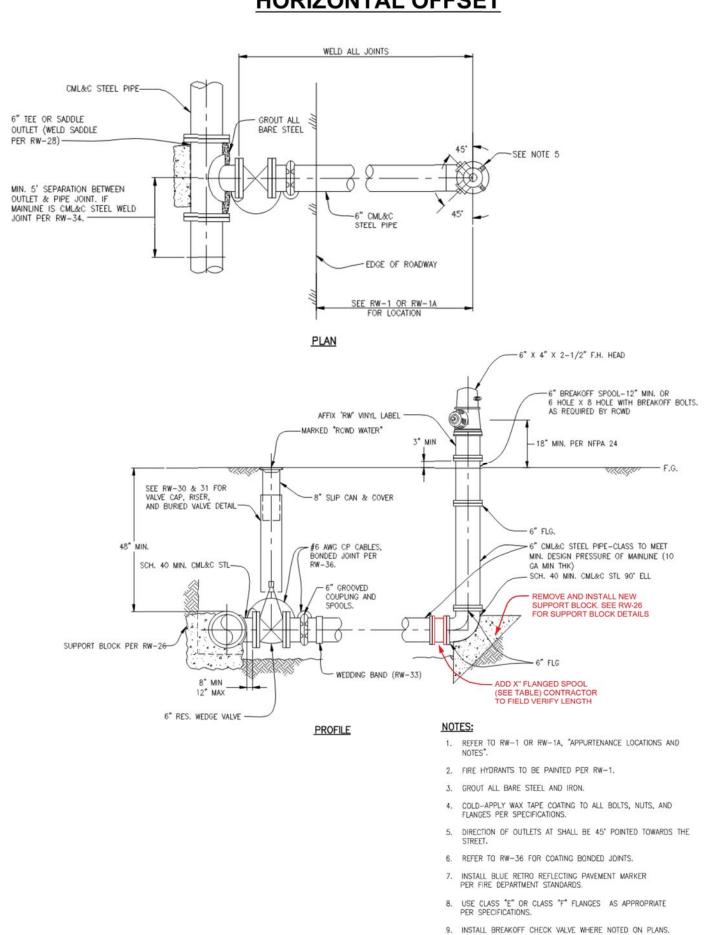
PLAN STA 140+00 TO 152+00



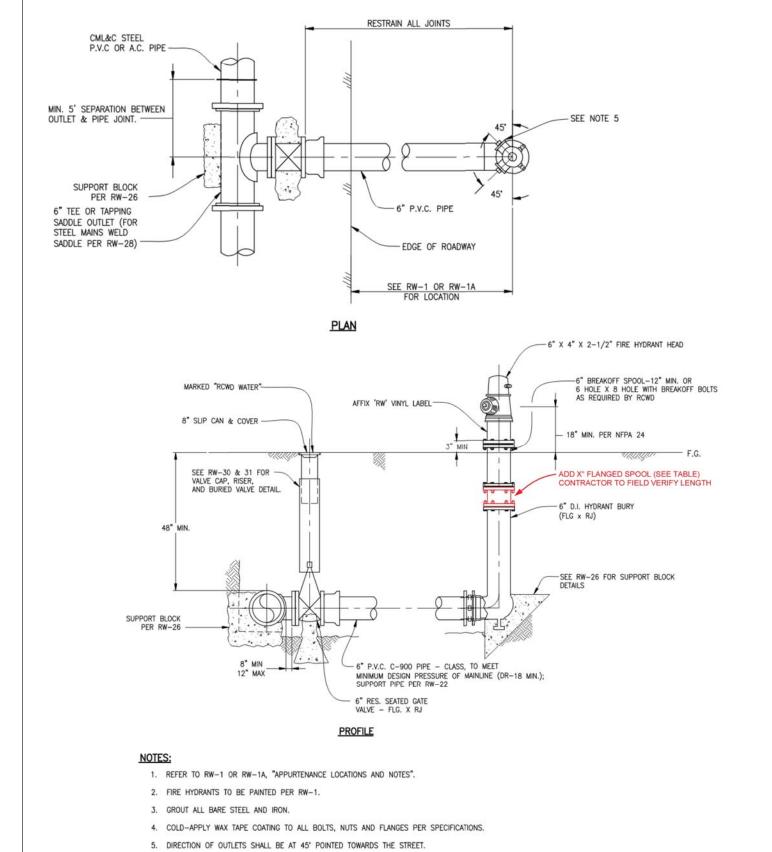
### **STEEL FIRE HYDRANT TYPE 3 RELOCATION: ABANDON & REPLACE**



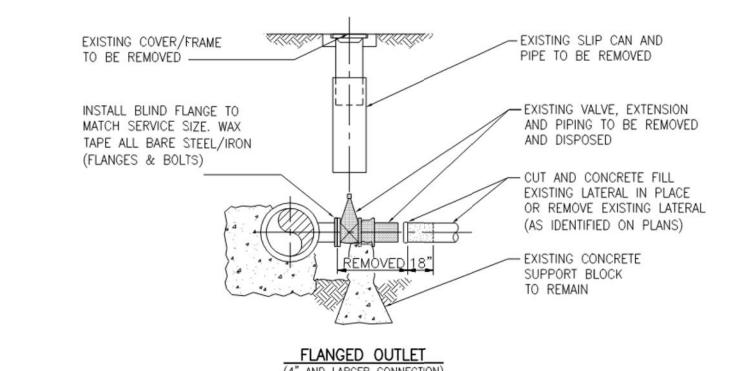
### **STEEL FIRE HYDRANT TYPE 2 RELOCATION: HORIZONTAL OFFSET**



### **PVC FIRE HYDRANT TYPE 1 RELOCATION: ADJUST TO GRADE**



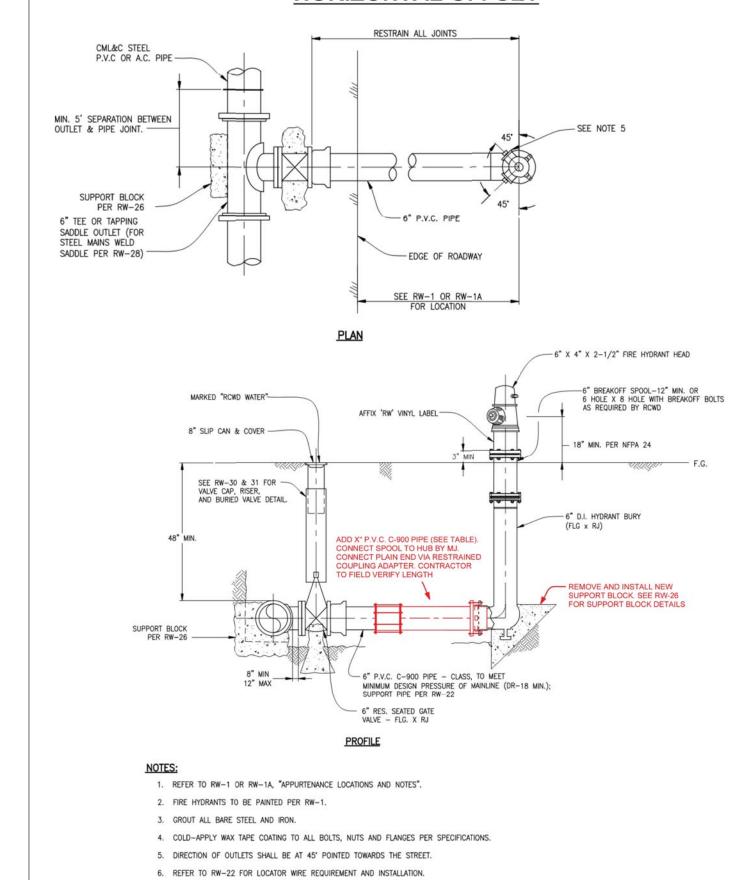
### **STEEL FIRE HYDRANT TYPE 3 RELOCATION: ABANDON & REPLACE**



THE FOLLOWING SHALL BE THE STEPS TAKEN TO ABANDON EXISTING WATER APPURTENANCES.

- 1. PRIOR APPROVAL FROM RCWD SHALL BE OBTAINED IN THE FORM OF APPROVED PLANS, INSPECTION PACKAGE, AND SERVICE ABANDONMENT AGREEMENT BETWEEN RCWD AND PROPERTY OWNER.
- 2. CONTRACTOR SHALL:
- A. COORDINATE WITH RCWD TO REMOVE EXISTING METERS ON WATER SERVICES AND FIRE DETECTOR ASSEMBLIES.
- B. COORDINATE WITH RCWD TO SHUT-DOWN/ISOLATE MAIN FROM SERVICE.
- C. EXCAVATE DOWN TO GAIN ACCESS TO CONNECTION POINT AT MAIN AND LATERAL FOR REMOVAL.
- D. CUT AND CRIMP EXISTING COPPER SERVICES 12" TO 18" AWAY FROM THE SERVICE CONNECTION AND LEAVE IN PLACE. MAINS LARGER THAN 2" SHALL BE CUT 18" TO 28" FROM SERVICE CONNECTION AND HAVE REMAINING 18" OF THE PIPE PLUGGED
- WITH CONCRETE AND ABANDONED IN PLACE UNLESS PLANS SPECIFY THE REMOVAL OF THE REMAINING PIPE. E. EXCAVATE DOWN TO AND REMOVE THE RISER TO THE WATER METER OR FIRE SERVICE. CUT AND CRIMP, OR PLUG WITH
- CONCRETE (18 INCH MINIMUM), THE REMAINING SERVICE LINES.
- F. BACKFILL AND COMPACT THE EXCAVATIONS IN ACCORDANCE WITH RCWD STANDARDS AND SPECFICATIONS AND/OR ENCROACHMENT
- G. REPAIR ANY REMOVED PAVEMENT MATERIALS IN ACCORDANCE WITH ENCROACHMENT PERMIT REQUIREMENTS OR RCWD STANDARDS. H. CONTACT RCWD TO RECHARGE THE WATER MAIN AFTER SERVICE HAS BEEN ABANDONED.

### **PVC FIRE HYDRANT TYPE 2 RELOCATION: HORIZONTAL OFFSET**



INSTALL BLUE RETRO REFLECTING PAVEMENT MARKER PER FIRE DEPARTMENT STANDARDS.

8. INSTALL BREAKOFF CHECK VALVE WHERE NOTED ON PLANS

REVISIONS AS SHOWN NUMBER | DATE | INITIALS | DESCRIPTION DESIGNED SW CHECKED

HAZEN AND SAWYER 7700 IRVINE CENTER DRIVE, SUITE 200

**IRVINE, CALIFORNIA 92618** 



PHONE: (951) 296-6900 FAX: (951) 296-6863

6. REFER TO RW-22 FOR LOCATOR WIRE REQUIREMENT AND INSTALLATION.

INSTALL BLUE RETRO REFLECTING PAVEMENT MARKER PER FIRE DEPARTMENT STANDARDS.

8. INSTALL BREAKOFF CHECK VALVE WHERE NOTED ON PLANS

RANCHO CALIFORNIA WATER DISTRICT APPROVED FOR CONSTRUCTION

ENGINEERING

RANCHO CALIFORNIA WATER DISTRICT PAUBA ROAD WATER PLANS PROJECT NO. C9-0063

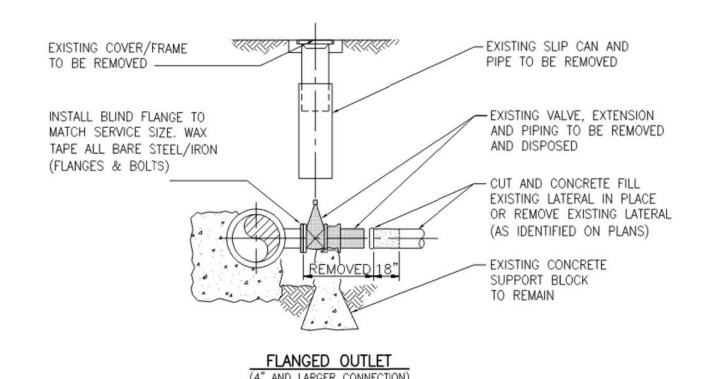
> **DETAIL SHEET** FIRE HYDRANTS

SHEET

969-TT

SHEET 10 OF 12

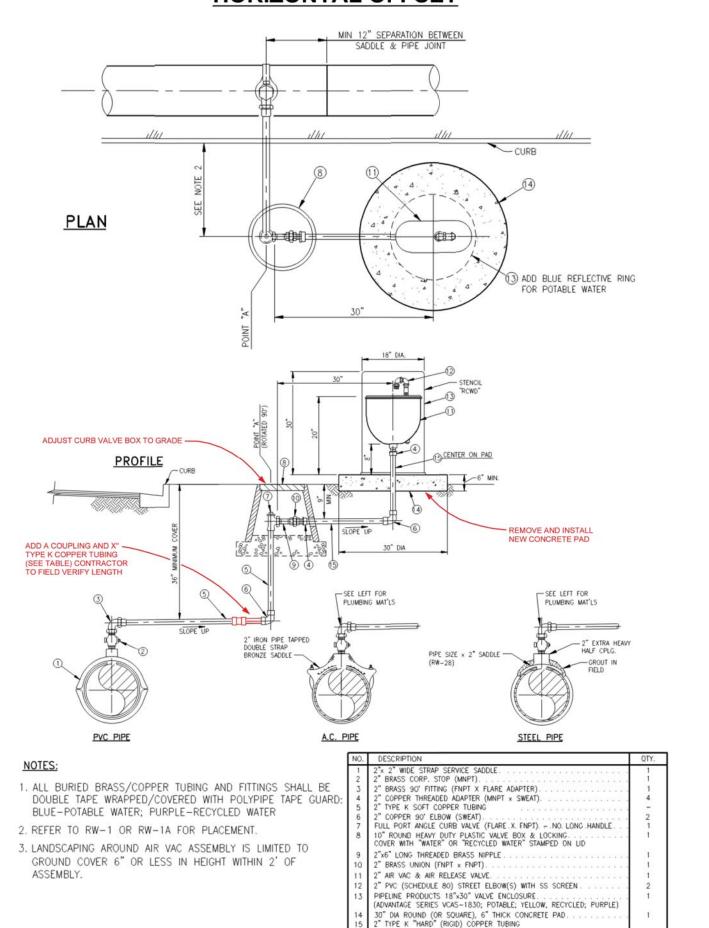
# PVC FIRE HYDRANT TYPE 3 RELOCATION: ABANDON & REPLACE



### NOTES:

- THE FOLLOWING SHALL BE THE STEPS TAKEN TO ABANDON EXISTING WATER APPURTENANCES.
- 1. PRIOR APPROVAL FROM RCWD SHALL BE OBTAINED IN THE FORM OF APPROVED PLANS, INSPECTION PACKAGE, AND SERVICE ABANDONMENT AGREEMENT BETWEEN RCWD AND PROPERTY OWNER.
- CONTRACTOR SHALL:
   A. COORDINATE WITH RCWD TO REMOVE EXISTING METERS ON WATER SERVICES AND FIRE DETECTOR ASSEMBLIES.
- B. COORDINATE WITH RCWD TO SHUT-DOWN/ISOLATE MAIN FROM SERVICE.
- C. EXCAVATE DOWN TO GAIN ACCESS TO CONNECTION POINT AT MAIN AND LATERAL FOR REMOVAL.
- D. CUT AND CRIMP EXISTING COPPER SERVICES 12" TO 18" AWAY FROM THE SERVICE CONNECTION AND LEAVE IN PLACE. MAINS LARGER THAN 2" SHALL BE CUT 18" TO 28" FROM SERVICE CONNECTION AND HAVE REMAINING 18" OF THE PIPE PLUGGED WITH CONCRETE AND ABANDONED IN PLACE UNLESS PLANS SPECIFY THE REMOVAL OF THE REMAINING PIPE.
- E. EXCAVATE DOWN TO AND REMOVE THE RISER TO THE WATER METER OR FIRE SERVICE. CUT AND CRIMP, OR PLUG WITH CONCRETE (18 INCH MINIMUM), THE REMAINING SERVICE LINES.
- F. BACKFILL AND COMPACT THE EXCAVATIONS IN ACCORDANCE WITH RCWD STANDARDS AND SPECFICATIONS AND/OR ENCROACHMENT
- G. REPAIR ANY REMOVED PAVEMENT MATERIALS IN ACCORDANCE WITH ENCROACHMENT PERMIT REQUIREMENTS OR RCWD STANDARDS.
  H. CONTACT RCWD TO RECHARGE THE WATER MAIN AFTER SERVICE HAS BEEN ABANDONED.

### 2" AIR VAC & AIR RELEASE TYPE 2 RELOCATION: HORIZONTAL OFFSET

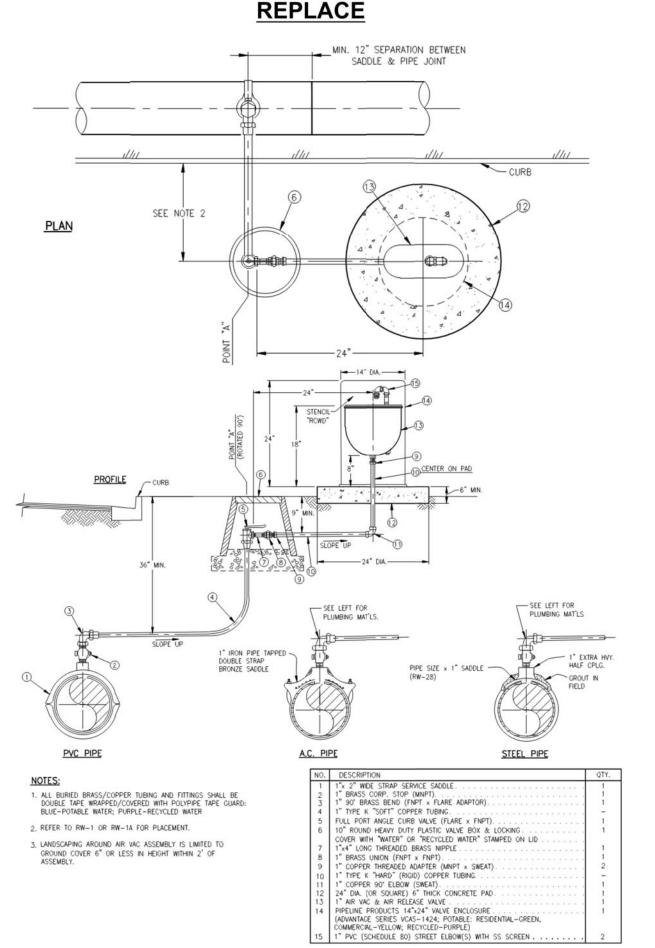


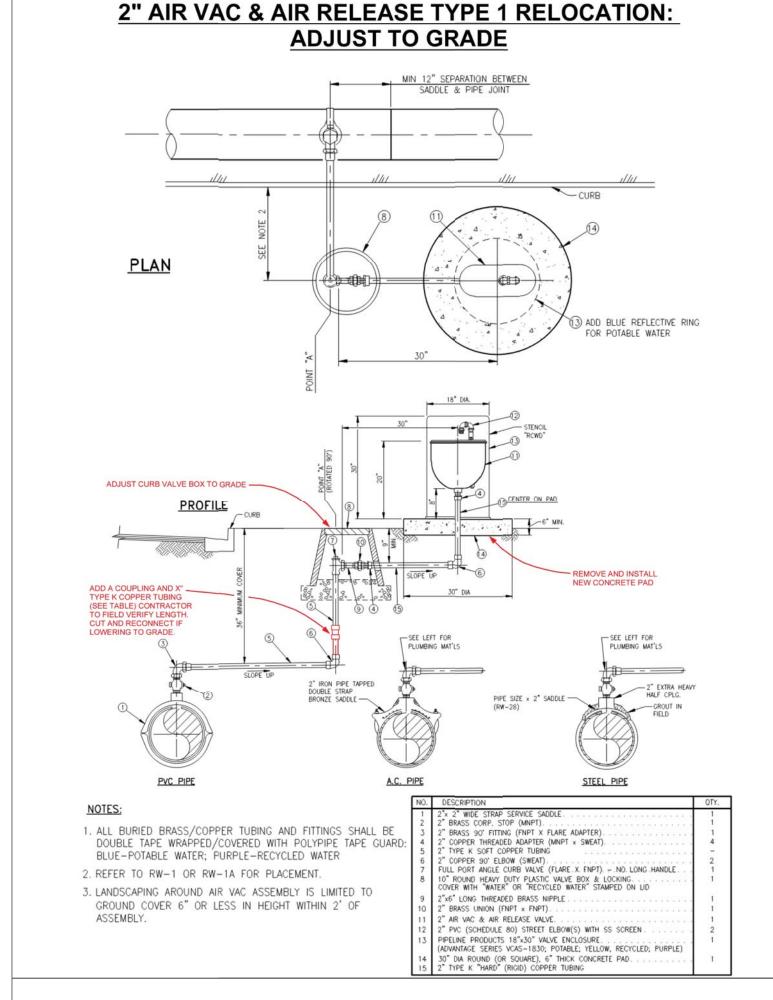
# **PVC FIRE HYDRANT TYPE 3 RELOCATION: ABANDON & REPLACE** RESTRAIN ALL JOINTS MIN. 5' SEPARATION BETWEEN OUTLET & PIPE JOINT. - SEE NOTE 5 SUPPORT BLOCK PER RW-26 6" TEE OR TAPPING SADDLE OUTLET (FOR STEEL MAINS WELD - EDGE OF ROADWAY 6" X 4" X 2-1/2" FIRE HYDRANT HEAD MARKED "RCWD WATER"-6 HOLE X 8 HOLE WITH BREAKOFF BOLTS AS REQUIRED BY RCWD 8" SLIP CAN & COVER ---- 18" MIN. PER NFPA 24 SEE RW-30 & 31 FOR — VALVE CAP, RISER, AND BURIED VALVE DETAIL. (FLG x RJ) -SEE RW-26 FOR SUPPORT BLOCK - 6" P.V.C. C-900 PIPE - CLASS, TO MEET MINIMUM DESIGN PRESSURE OF MAINLINE (DR-18 MIN.); SUPPORT PIPE PER RW-22

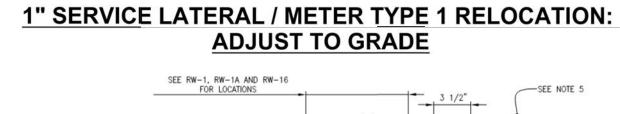
### NOTES:

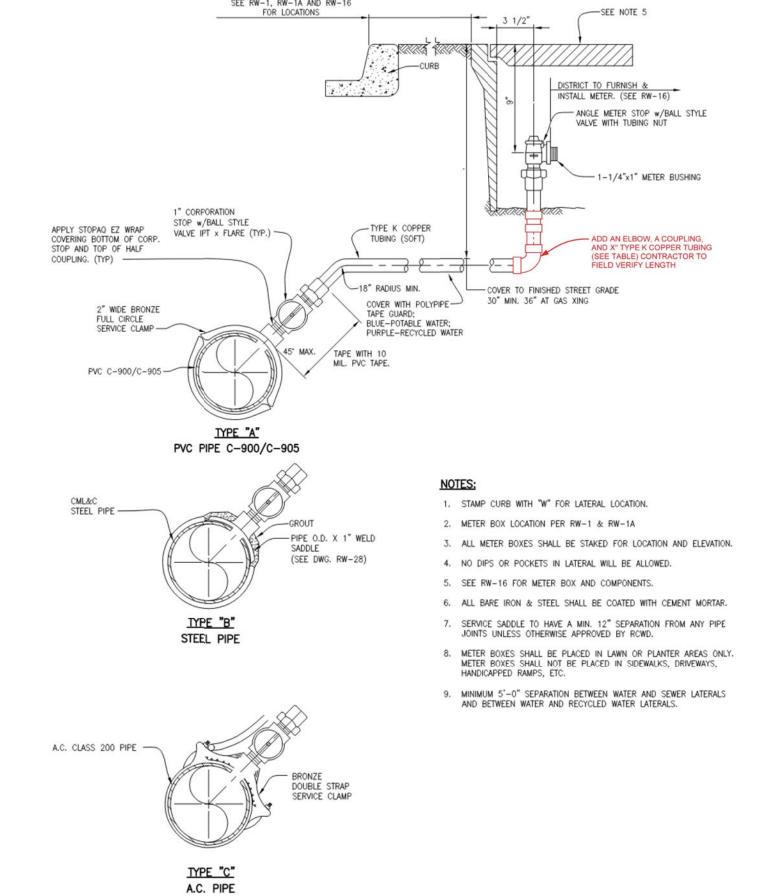
- REFER TO RW-1 OR RW-1A, "APPURTENANCE LOCATIONS AND NOTES".
   FIRE HYDRANTS TO BE PAINTED PER RW-1.
- 3. GROUT ALL BARE STEEL AND IRON.
- 4. COLD-APPLY WAX TAPE COATING TO ALL BOLTS, NUTS AND FLANGES PER SPECIFICATIONS.
- 5. DIRECTION OF OUTLETS SHALL BE AT 45' POINTED TOWARDS THE STREET.
- 6. REFER TO RW-22 FOR LOCATOR WIRE REQUIREMENT AND INSTALLATION.
- INSTALL BLUE RETRO REFLECTING PAVEMENT MARKER PER FIRE DEPARTMENT STANDARDS.
- 8. INSTALL BREAKOFF CHECK VALVE WHERE NOTED ON PLANS

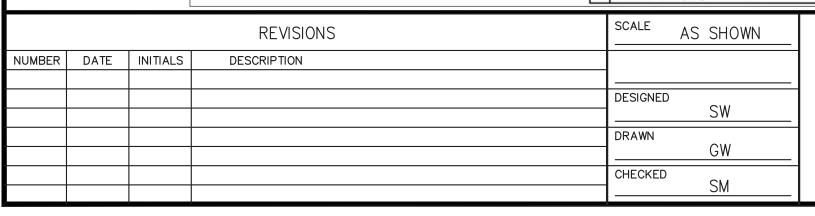
# 1" AIR VAC & AIR RELEASE TYPE 3 RELOCATION:









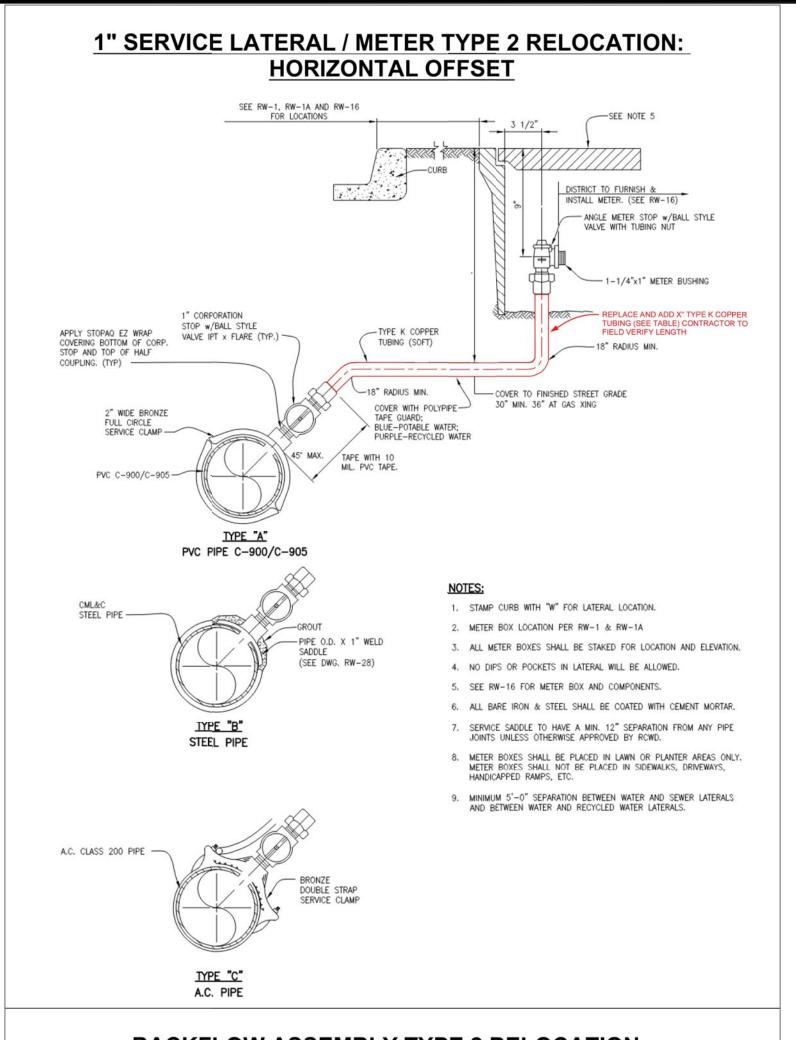


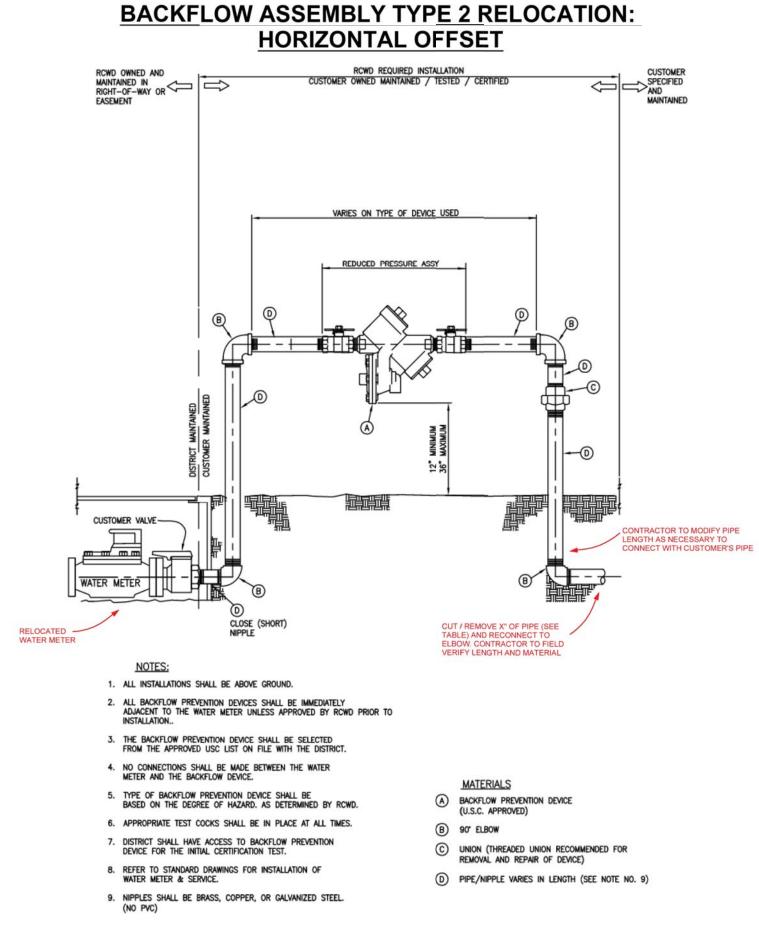




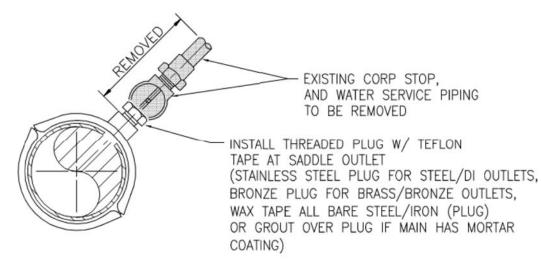
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PIPE						
RANCHO CALIFORNIA WATER DISTRICT	Τ					
PAUBA ROAD WATER PLANS						
PROJECT NO. C9-0063						
DETAIL SHEET RE HYDRANTS, AIR VALVES, METERS						





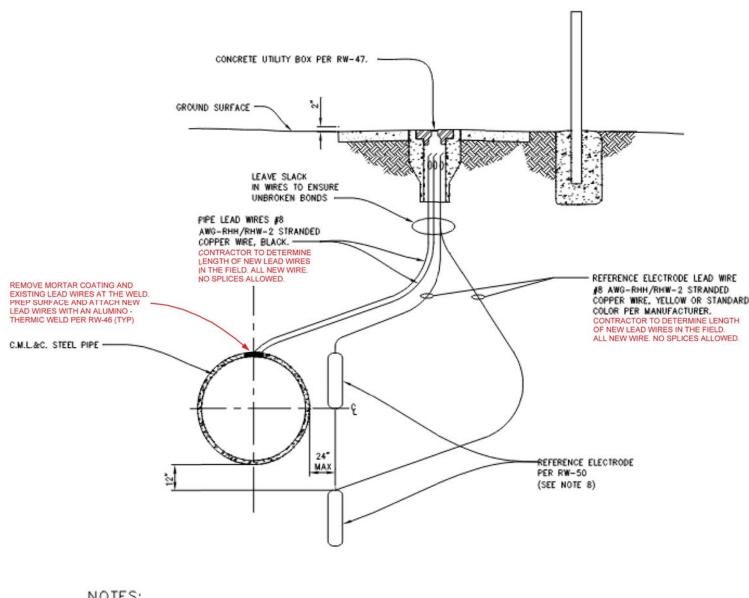
### 1" SERVICE LATERAL / METER TYPE 3 RELOCATION: **ABANDON & REPLACE**



THE FOLLOWING SHALL BE THE STEPS TAKEN TO ABANDON EXISTING WATER APPURTENANCES.

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- H. CONTACT RCWD TO RECHARGE THE WATER MAIN AFTER SERVICE HAS BEEN ABANDONED.

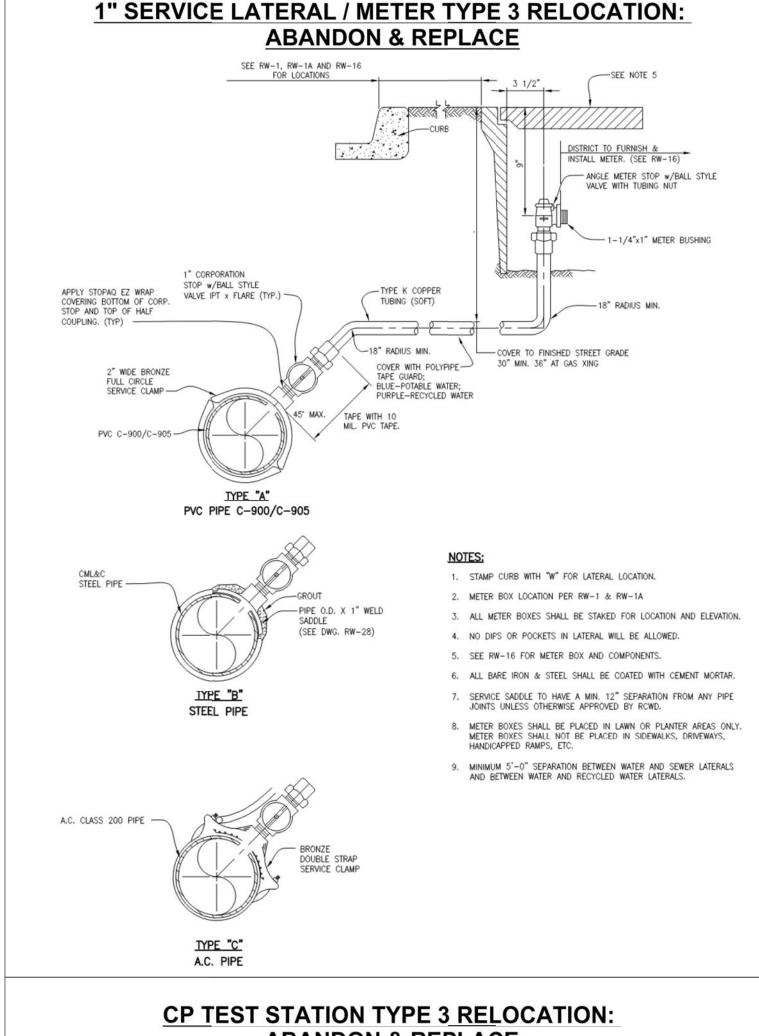
### **CP TEST STATION TYPE 3 RELOCATION: ABANDON & REPLACE**



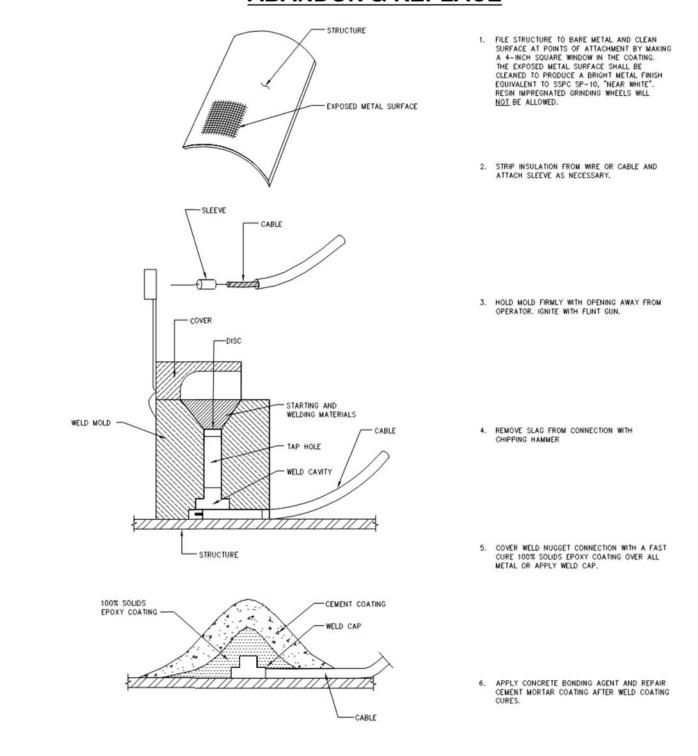
- 1. WELD LEAD WIRES TO PIPE AFTER INSTALLATION IN TRENCH.
- 2. WIRE AND BONDED CONNECTIONS TO BE PROTECTED DURING FIELD MORTARING.
- 3. LEAD WIRES SHALL HAVE A BURY DEPTH OF 5' (MIN.) AT CURB OR SHOULDER OF ROAD WITH 3" WIDE MARKING DETECTOR TAPE 24" ABOVE WIRE LABELED, "CAUTION: BURIED CATHODIC PROTECTION LINE."
- 4. REFER TO RW-1 OR RW-1A FOR CP TEST STATION PLACEMENT.
- 5. TERMINATE ALL WIRES PER RW-48.

LOWER - NEW PIPE INSTALLATION

- 6. LEAD WRES SHALL BE COLORED AND TAGGED AS NOTED PER RW-48.
- 7. TEST STATIONS SHALL BE INSTALLED MIN. EVERY 1000-FEET OR AS INDICATED BY CONTRACT DRAWINGS.
- 8. REFERENCE ELECTRODE LOCATION: UPPER EXISTING PIPE







ENDOTHERMIC WELDING SHALL USE ERICO PRODUCTS, INC. "CADWELD" SYSTEM, CONTINENTAL INDUSTRIES, INC. "THERMOWELD" SYSTEM, OR APPROVED EQUAL.

- WIRE OR BONDED CABLE CONNECTIONS SHALL BE PROTECTED DURING FIELD MORTORING OR WAX TAPE COATING OF BONDED JOINTS.
- CARTRIDGE TYPE, SIZE AND WEIGHT SHALL BE AS RECOMMENDED BY THE MANUFACTURE FOR THE TYPE OF PIPE (STEEL, DUCTILE IRON, OR CAST IRON) TO WHICH THE CATHODIC PROTECTION CABLE OR WIRE IS TO BE WELDED, SIZE OR CABLE OR WIRE AND WELDER MOLD BEING USED.
- 4. AS SOON AS WELD COOLS THE WELD SHALL BE TESTED BY STRIKING A SHARP PLOW WITH A 22-DUNCE HAMMER (MIN.) WHILE PULLING FIRMLY ON WIRE OR CABLE. ALL UNSOUND WELDS SHALL BE RE-WELDED A MINIMUM OF 3-INCHES AWAY FROM THE FAILED LOCATION AND RE-TESTED.

REVISIONS AS SHOWN NUMBER | DATE | INITIALS | DESCRIPTION DESIGNED SW DRAWN CHECKED

HAZEN AND SAWYER

7700 IRVINE CENTER DRIVE, SUITE 200

**IRVINE, CALIFORNIA 92618** 



Rancho California Water District 42135 WINCHESTER ROAD TEMECULA, CA 92590 PHONE: (951) 296-6900 FAX: (951) 296-6863

RANCHO CALIFORNIA WATER DISTRICT APPROVED FOR CONSTRUCTION **ENGINEERING** 

RANCHO CALIFORNIA WATER DISTRICT PAUBA ROAD WATER PLANS

8-INCH PVC WATERLINE RELOCATION METERS, BACKFLOWS, CP TEST STA

SHEET SHEET 12 OF 12