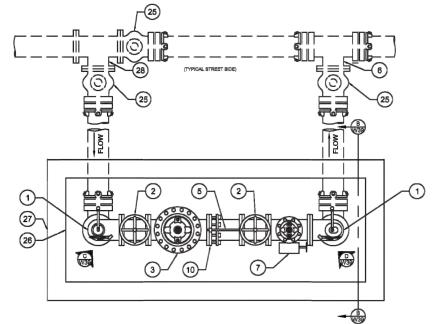
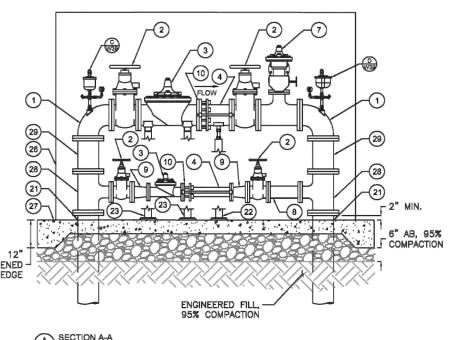


DESIGN CRITERIA

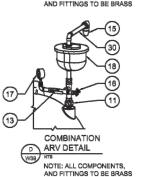


PLAN VIEW

NOTE: CONCRETE PAD AND ENCLOSURE SIZE BASED ON A STANDARD 8" STATION



C ARV GAGE DETAIL



BLOCK. SEE W22A SECTION B-B ED

The state of California or its officers or agents shall no

electronic copies of this plan sheet

CONSTRUCTION NOTES

SEE WOB FOR ITEM SPECIFICS.

- COMPONENTS, FITTINGS, AND OTHER DETAILS SHOWN HEREON, HAVE BEEN DRAWN TO APPROXIMATE DIMENSIONS, SHOP DRAWINGS SHALL BE SUBMITTED TO THE DISTRICT FOR THE INSTALLATION INCLUDING, SIZE, LOCATION, MANUFACTURERS NAME, MODEL, DIMENSIONAL AND ENGINEERING DATA OF ALL COMPONENTS
- UNLESS OTHERWISE NOTED, ALL PIPE SHALL BE DUCTILE IRON PIPE WITH BITUMASTIC COATING AND MORTAR LINING IN ACCORDANCE WITH ALL APPLICABLE ANSI/AWWA STANDARDS.
- SEE SITE PLAN FOR LOCATION OF DRAIN AND PRESSURE RELIEF LINE ALIGNMENTS AND OUTLETS.
- ALL PIPES, FITTINGS AND OTHER APPURTENANCES ON UPSTREAM SIDE OF PRESSURE REDUCING VALVES SHALL HAVE A WORKING PRESSURE RATING OF NOT LESS THAN 250 P.S.I. EXCEPT AS NOTED, ALL END CONNECTIONS TO BE 125# EXCEPT AS NOTED.
- FOR SAFETY, ALL CONTROL VALVE WHEELS, PILOT CONTROLS, AND GAUGES SHALL BE INSTALLED FACING AWAY FROM STREET SIDE AS SHOWN
- MAINTAIN A MINIMUM OF 12" CLEARANCE BETWEEN ENCLOSURE AND PRESSURE REDUCING VALVES.
- INSTALL BOLLARDS AROUND STATION AS DIRECTED BY THE DISTRICT INSPECTOR.
- PIPE SIZE DEPENDANT ON DESIGN CRITERIA.
- PRESSURE REDUCING STATIONS WITH VALVES GREATER THAN 8" AND ABOVE AN ELEVATION OF 3,000 FEET (NAVD 88 DATUM), SEE W38.
- CONCRETE SHALL BE 3,600 PSI CLASS 2 MIX WHERE IT SHALL REACH 3,600 PSI AT 28 DAYS, THIS MIX SHALL CONFORM TO SECTIONS 51 AND 90 OF CALTRANS MOST RECENT SPECIFICATIONS.

DORADO IRRIGATION DISTRIC

POTABLE PRESSURE REDUCING STATION ABOVE GROUND

DRAWN BY	SCALE	REVISION	DATE	BY	EID STANDARD
L.A. NOTARO	NONE	3	4/22/20	KRD	DRAWING NO
APPROVED	DATE	4	5/5/20	KRD	W.39
B. MUELLER	3 / 16	8	11/8/21	PJW	7700

THIS SHEET ACCURATE FOR UTILITY WORK ONLY

UTILITY DETAILS SCALE : NONE CU #### EA 03-0E961

No. C71517

FLGxFLG TEE - MAINLINE

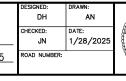
FLGxFLG SPOOL, LENGTH PER SIZING CHART SCH. 80 PVC PIPING - COMBINATION ARV SCH. 80 PVC PIPING - AIR RELEASE VALVE

FLGxFLG TEE - PRS

REPARED UNDER THE SUPERVISION OF

1/28/2025 DATE:

W39 NT8



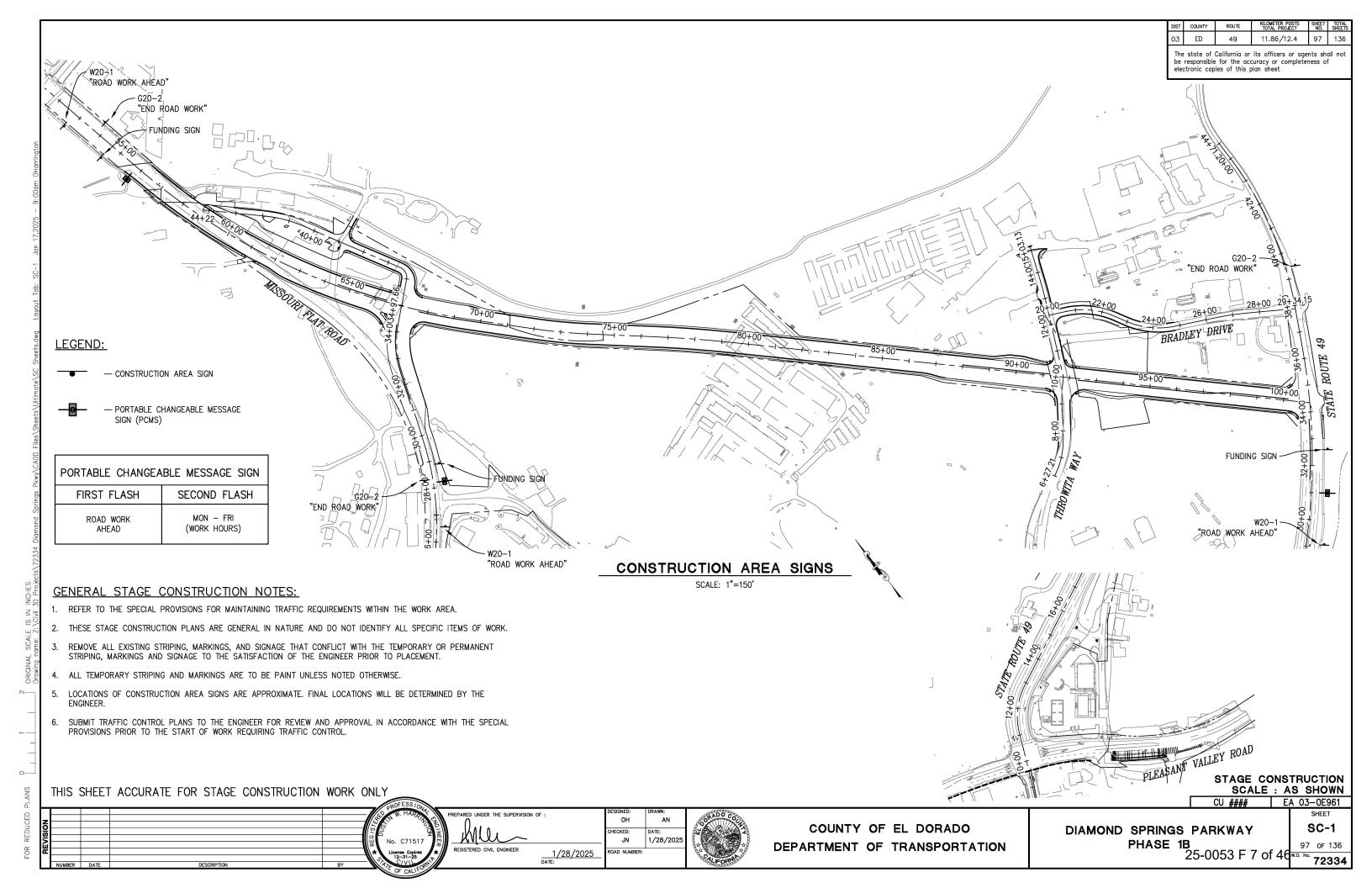
NOTE: CONCRETE PAD AND ENCLOSURE SIZED BASED ON A STANDARD 8" STATION

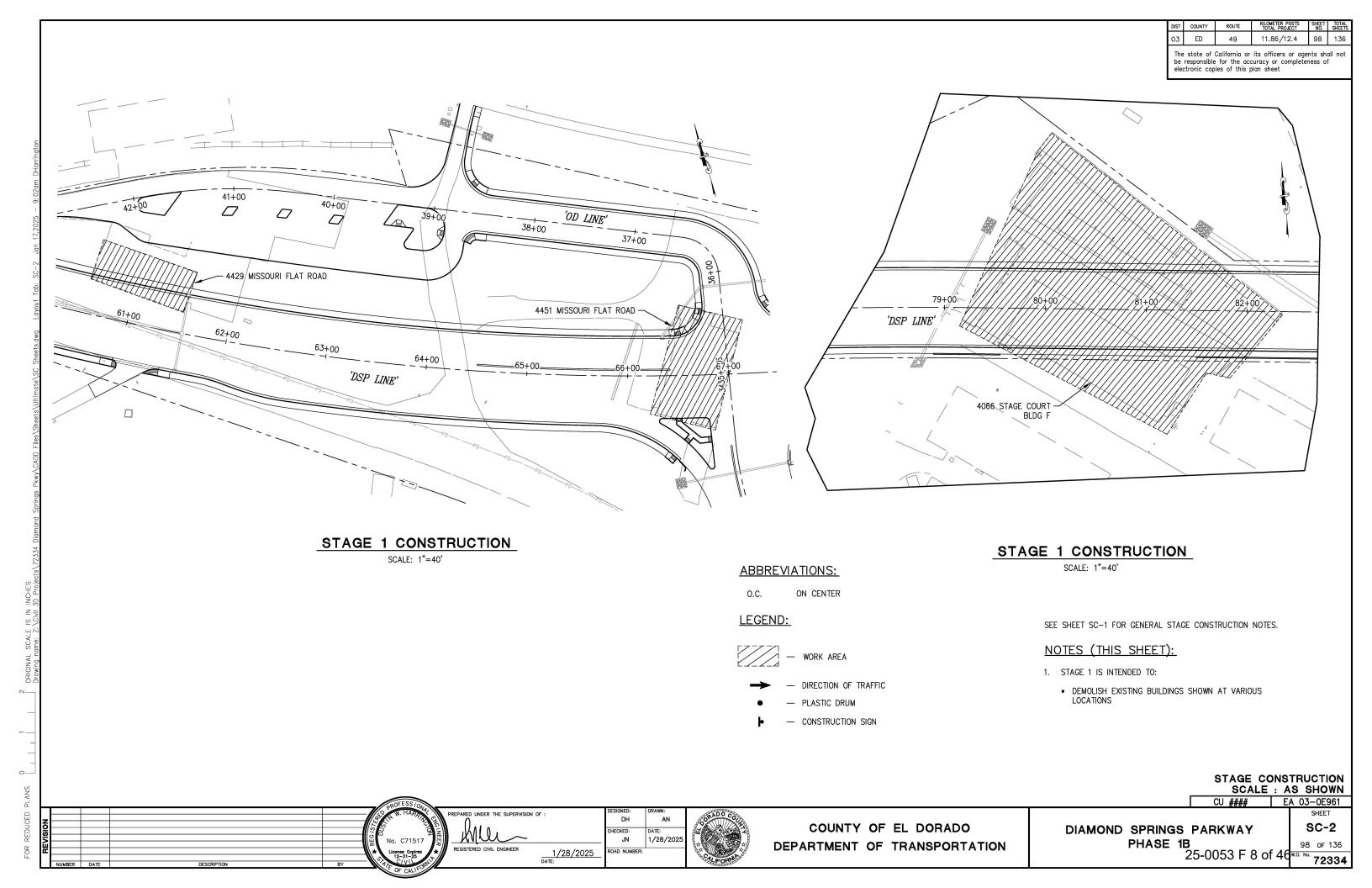
COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION DIAMOND SPRINGS PARKWAY

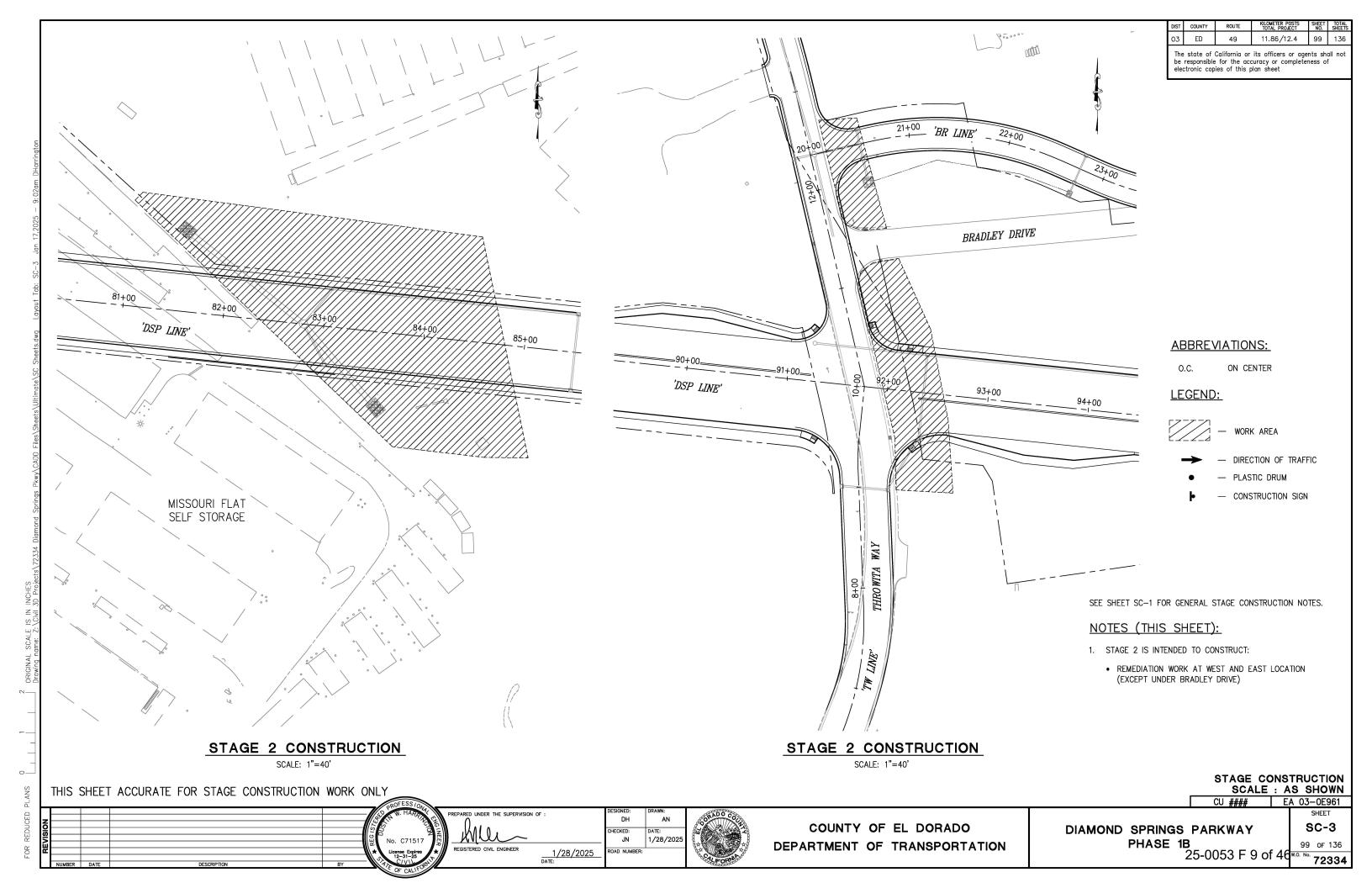
96 of 136

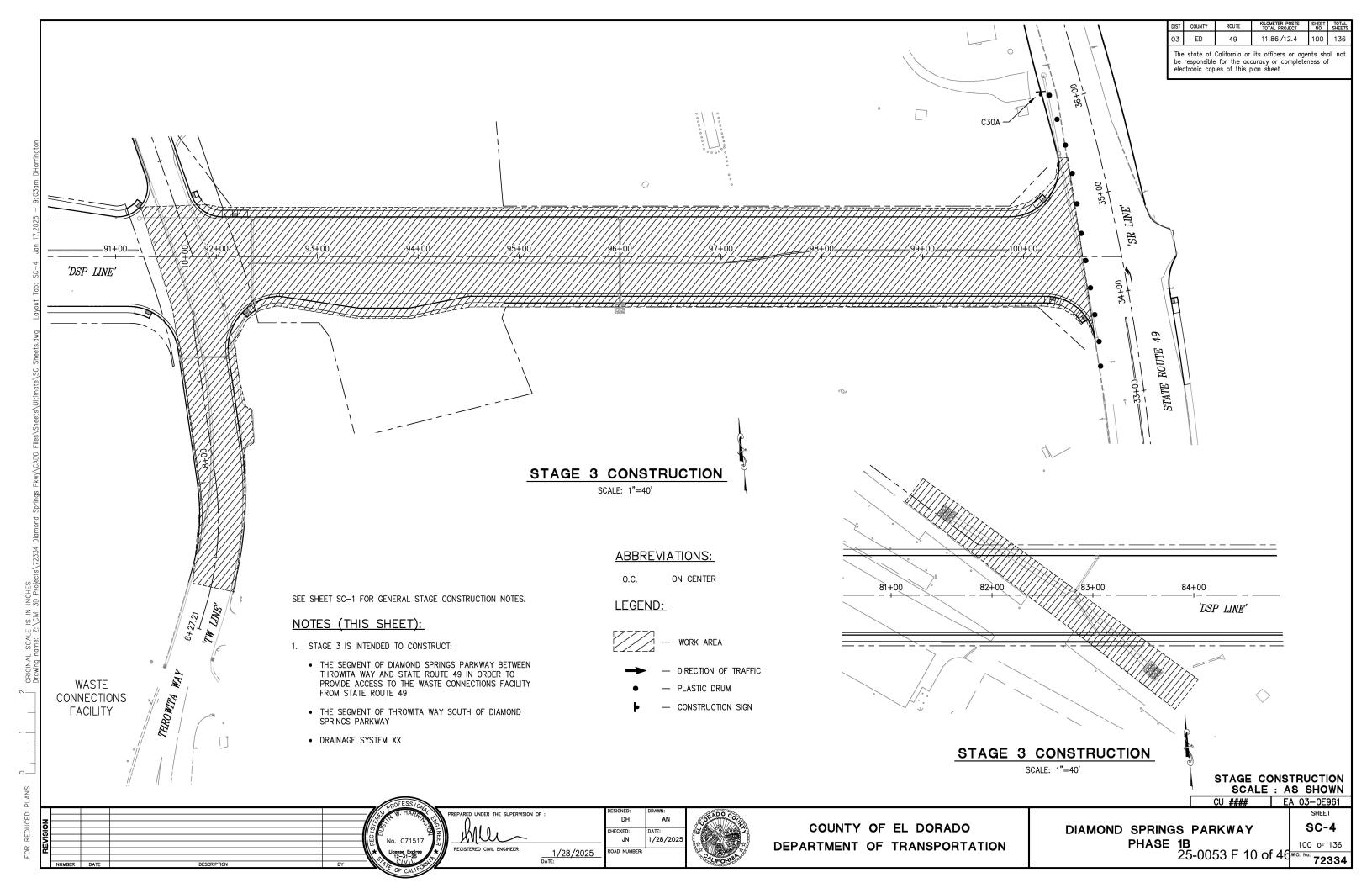
72334

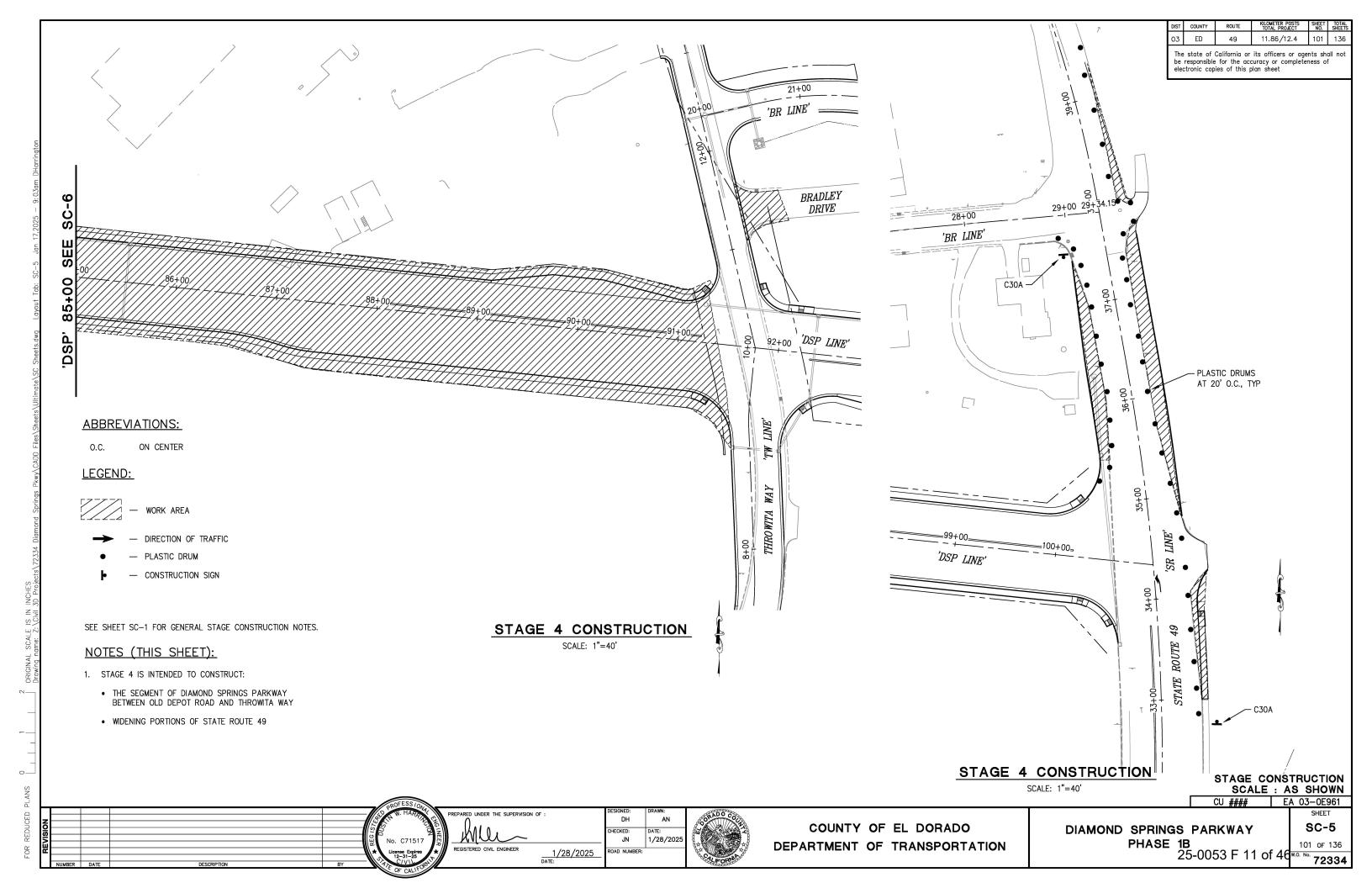
PHASE 1B 25-0053 F 6 of 46 W.O. No.

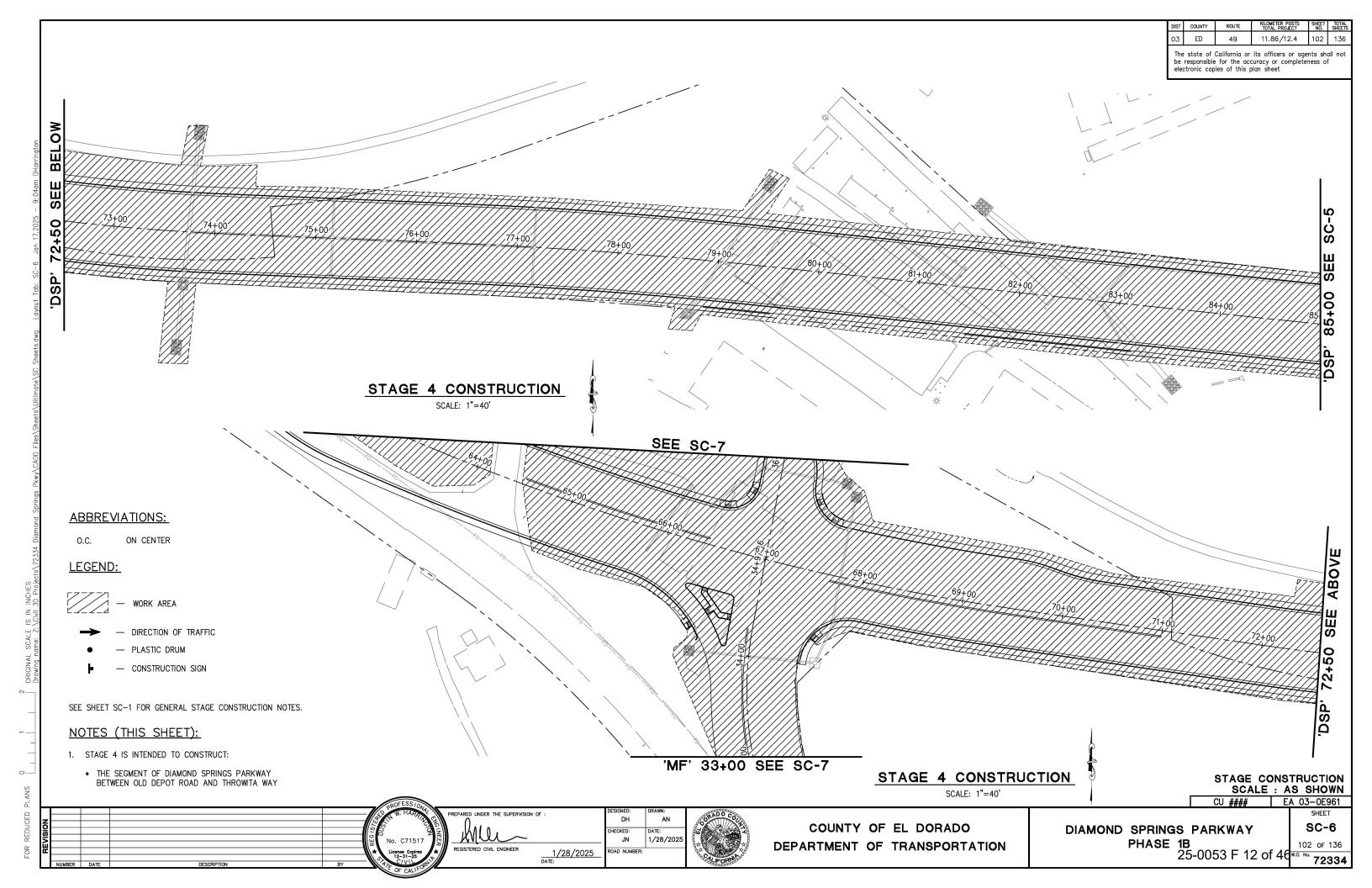


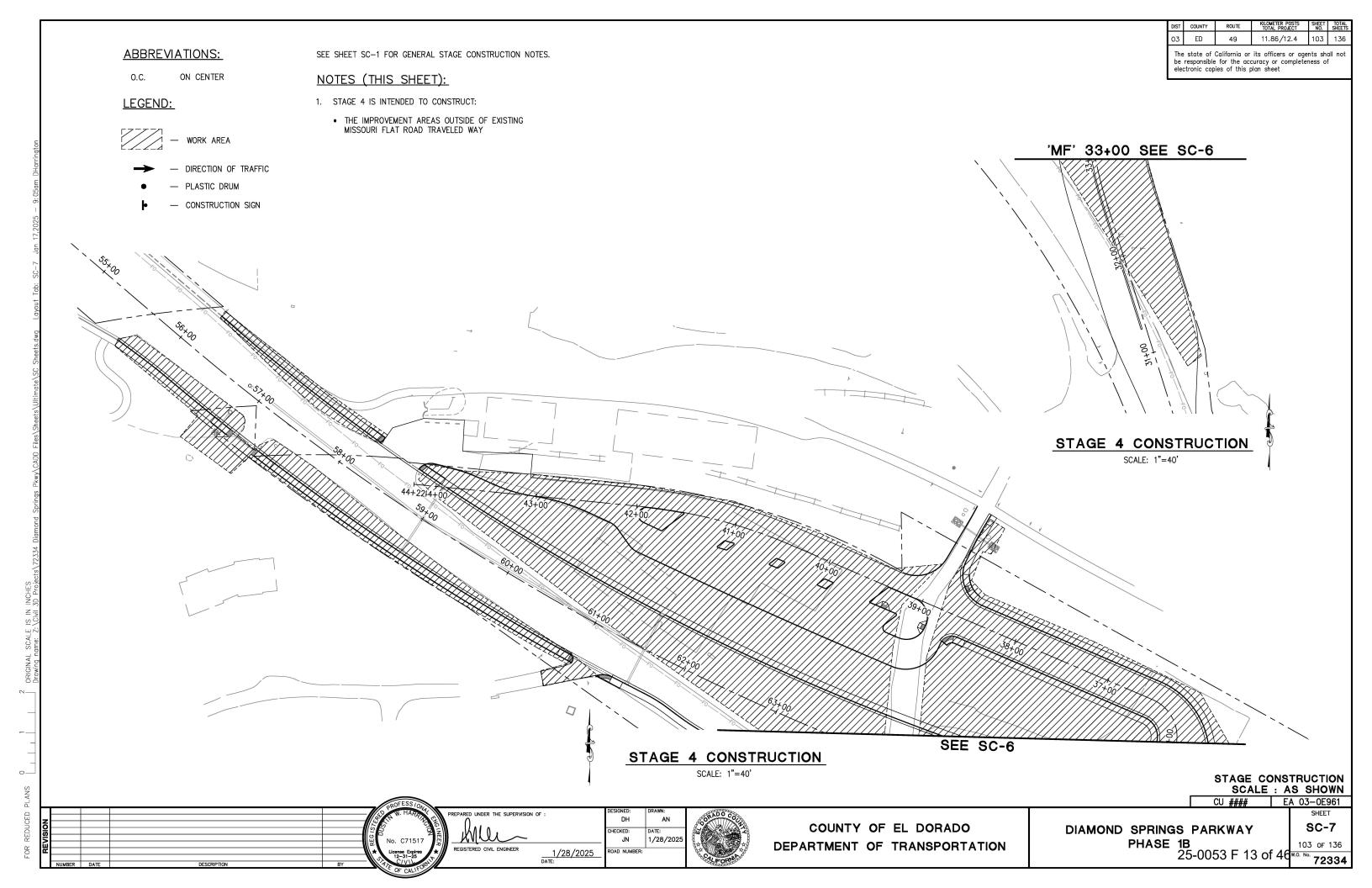












000000000 _91+00_\ 92+00 93+00 94+00 95+00 96+00 STAGE 5 CONSTRUCTION SCALE: 1"=40'

ABBREVIATIONS:

ON CENTER

LEGEND:

DIRECTION OF TRAFFIC

PLASTIC DRUM

CONSTRUCTION SIGN

SEE SHEET SC-1 FOR GENERAL STAGE CONSTRUCTION NOTES.

NOTES (THIS SHEET):

- 1. STAGE 5 IS INTENDED TO CONSTRUCT:
 - THE THROWITA WAY IMPROVEMENTS AND BRADLEY DRIVE REALIGNMENT

STAGE CONSTRUCTION SCALE : AS SHOWN

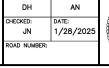
CU #### EA 03-0E961

DIAMOND SPRINGS PARKWAY PHASE 1B 25-0053 F 14 of 46 W.O. No. 72334

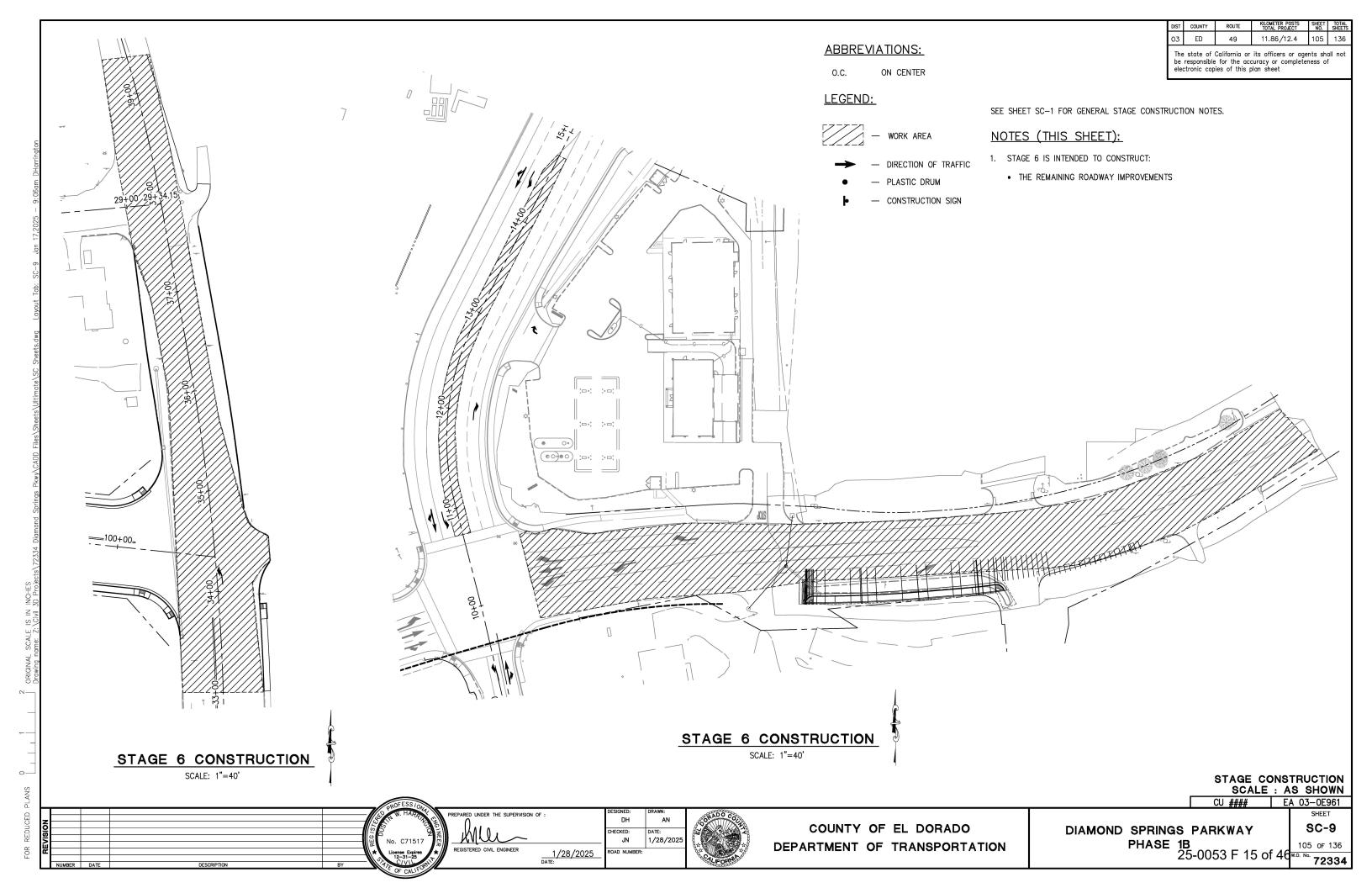
SC-8

				OROFESS/ON
				W. HARRY
				126
				S D
				ည္ကို No. C71517
			N N	WO. C/151/
			1	License Expires
				12-31-25
NUMBER	DATE	DESCRIPTION	BY	A SECOND

1/28/2025 DATE:

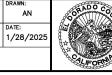






ABBREVIATIONS: The state of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet ON CENTER LEGEND: SEE SHEET SC-1 FOR GENERAL STAGE CONSTRUCTION NOTES. NOTES (THIS SHEET): 1. STAGE 6 IS INTENDED TO CONSTRUCT: DIRECTION OF TRAFFIC - PLASTIC DRUM • THE REMAINING ROADWAY IMPROVEMENTS CONSTRUCTION SIGN STAGE 6 CONSTRUCTION SCALE: 1"=60' STAGE CONSTRUCTION SCALE : AS SHOWN EA 03-0E961 CU #### PARED UNDER THE SUPERVISION OF : COUNTY OF EL DORADO SC-10 CHECKED: DIAMOND SPRINGS PARKWAY PHASE 1B 25-0053 F 16 of 46 72334 1/28/202 DEPARTMENT OF TRANSPORTATION 1/28/2025 DATE:

PARED UNDER THE SUPERVISION OF : 1/28/2025 DATE:



HECKED:

JN

COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION DIAMOND SPRINGS PARKWAY PHASE 1B 25-0053 F 17 of 46 (W.O. NO.

ED

11.86/12.4

SHEET DE-1 107 of 136 72334

PCMS No. FIRST FLASH SECOND FLASH THIRD FLASH $\langle 1 \rangle$ BRADLEY DR USE DETOUR TO (DATES CLOSED) THROWITA WAY CLOSED

SIGN LEGEND

1 R11-2 "ROAD CLOSED"

② M4-10 "DETOUR" (ARROW)

3 "ROAD CLOSED TO THRU TRAFFIC"

4 "TO THROWITA WAY"

CLOSURE AREA

DIRECTION OF TRAVEL

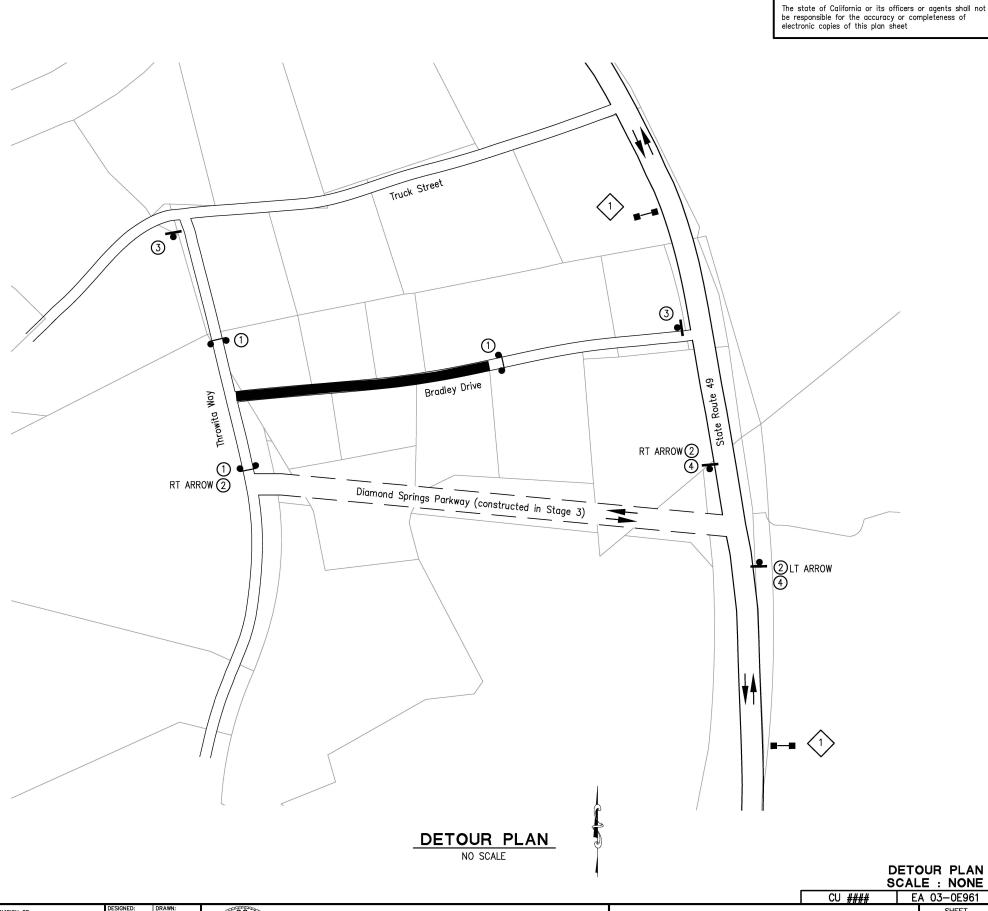
PCMS — PORTABLE CHANGABLE MESSAGE SIGN

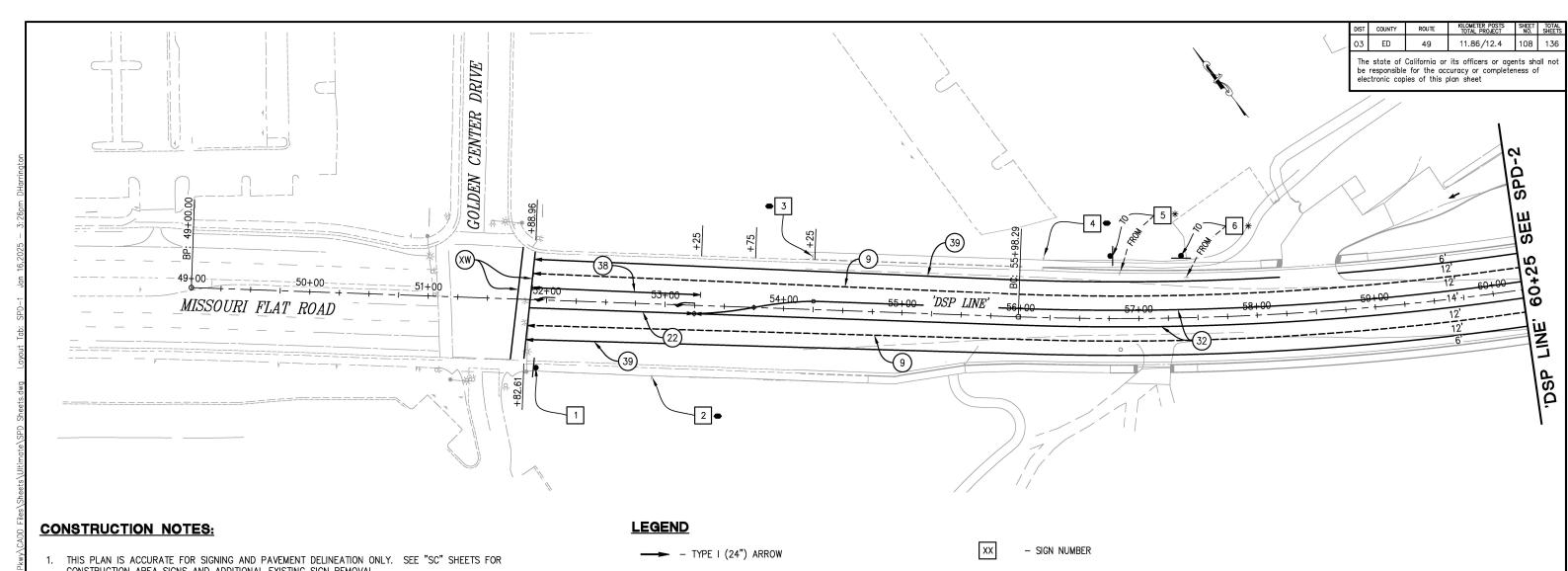
PCMS No. (POSTED DURING CLOSURE PERIOD AND 7 DAYS IN ADVANCE)

TYPE III BARRICADE w/ FLASHING BEACON

TEMPORARY SIGN

ADVANCED WARNING SIGNS TO BE PLACED PER CALIFORNIA MANUAL ON TRAFFIC CONTROL DEVICES. EXACT LOCATION OF SIGNS, BARRICADES AND RAILING TO BE DETERMINED BY THE ENGINEER.





- CONSTRUCTION AREA SIGNS AND ADDITIONAL EXISTING SIGN REMOVAL.
- ALL STRIPING SHALL BE THERMOPLASTIC WITH ENHANCED WET-NIGHT VISIBILITY AND ALL PAVEMENT MARKINGS, CROSSWALKS, AND LIMIT LINES SHALL BE THERMOPLASTIC WITH ENHANCED WET-NIGHT VISIBILITY, UNLESS OTHERWISE NOTED. ALL EXISTING STRIPING, CROSSWALK, LIMIT LINES, AND PAVEMENT MARKINGS TO BE REPLACED SHALL BE GROUND OFF.
- 3. ALL PAVEMENT MARKINGS AT INTERSECTIONS SHALL BE PLACED 8' BEHIND LIMIT LINE OR CROSSWALK.
- LIMIT LINE SIDE OF CROSSWALK STRIPING SHALL BE PLACED BY STATION AND OFFSET SHOWN ON PLANS. CROSSWALK STRIPING SHALL BE PER STANDARD DRAWING A24F @ 10' C-C. LIMIT LINES SHALL BE PER RSP A24E.
- 5. ALL PAVEMENT MARKINGS ARE PER CALTRANS STANDARD PLANS.
- 6. LOCATIONS OF SIGNS SHOWN ARE APPROXIMATE. EXACT LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
- 7. VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES PRIOR TO SIGN POST INSTALLATION.
- 8. ALL CULVERT MARKERS SHALL BE PLACED PER "MARKER CULVERT" DETAIL. SEE DETAIL ON SPD-X SHEET.
- 9. ALL PAVEMENT MARKERS SHALL BE RETROREFLECTIVE-RECESSED UNLESS OTHERWISE NOTED.

- TYPE II (R) ARROW

- TYPE II (B) ARROW

(LT OR RT AS SHOWN ON PLANS)

- TYPE IV (R) ARROW

- TYPE VI ARROW

- BC/EC/PCC

ANGLE POINT

- LIMITS OF DESIGNATED STRIPES AND DETAILS

BIKE LANE ARROW

"LANE" PAVEMENT MARKING

- "BIKE" PAVEMENT MARKING

STOP - "STOP" PAVEMENT MARKING

DH

JN

ROAD NUMBER

HECKED:

- EXIST SIGN

- INSTALL SIGN SINGLE POST

- INSTALL SIGN DOUBLE POST

- EXISTING MARKER/DELINEATOR

PROPOSED MARKER/DELINEATOR

- HIGHWAY POST MARKER

- CULVERT MARKER

- OBJECT MARKER (TYPE K-1)

- REMOVE EXISTING SIGN, USE DURING CONSTRUCTION

- SIGN DETAIL NUMBER (SEE SHEET SPD-8)

- RELOCATE ROADSIDE SIGN

RESET ROADSIDE SIGN

- EXISTING SIGN TO REMAIN

SIGNING & PAVEMENT DELINEATION

THIS SHEET ACCURATE FOR SIGNING AND PAVEMENT DELINEATION WORK ONLY

SCALE : 1" = 40' CU #### EA 03-0E961

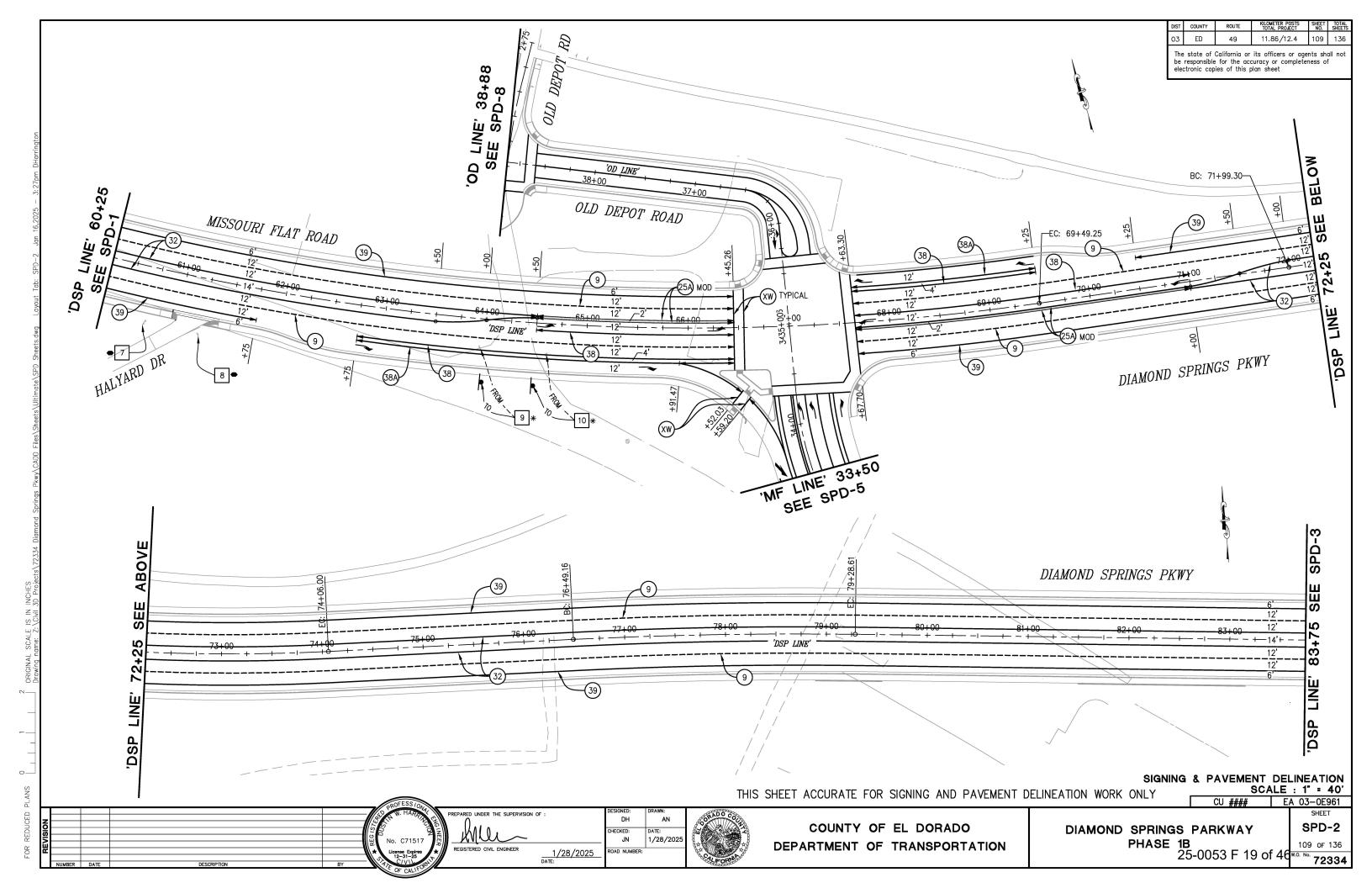
DIAMOND SPRINGS PARKWAY PHASE 1B 25-0053 F 18 of 46 W.O. No.

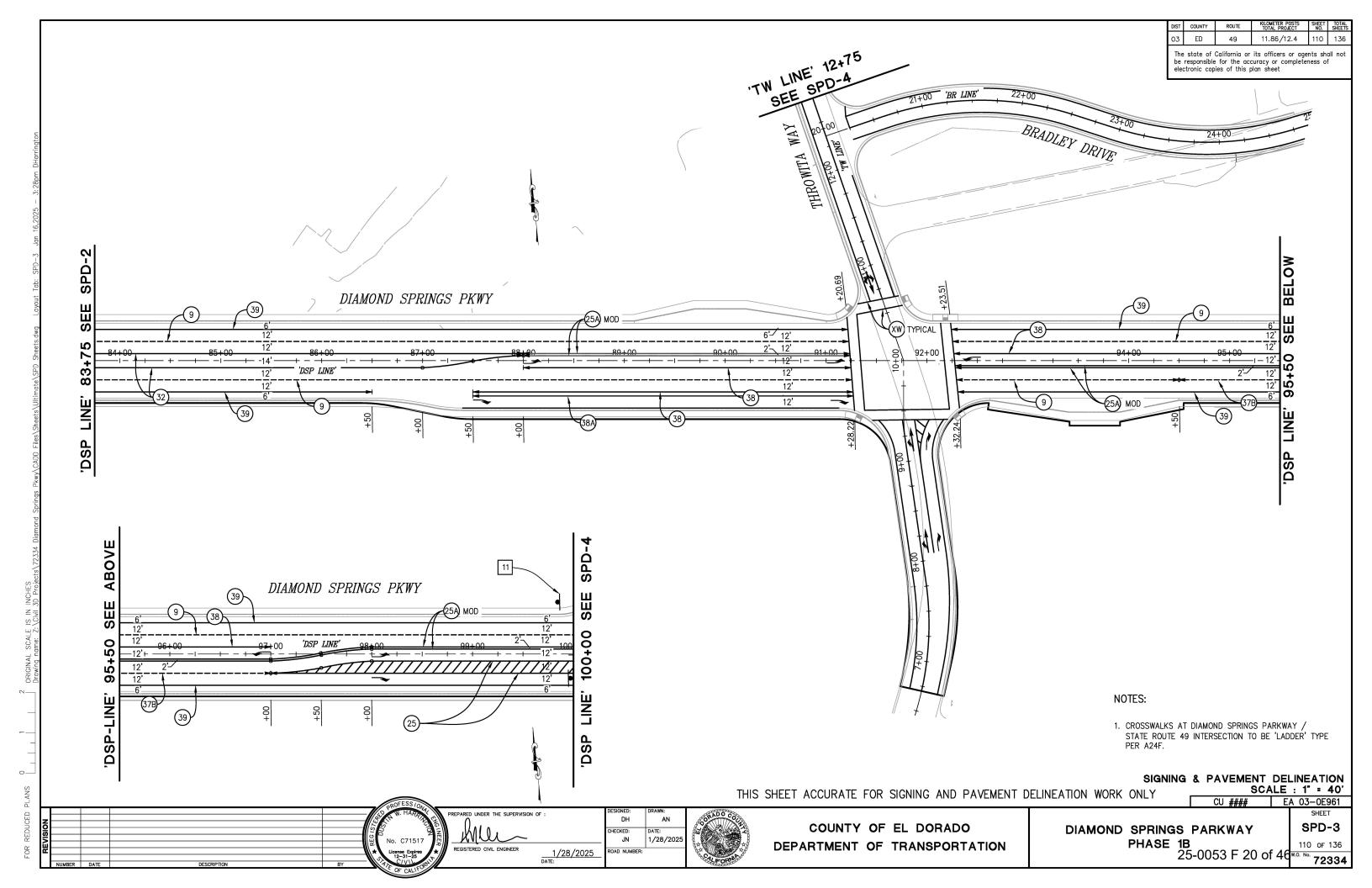
SPD-1 108 or 136 72334

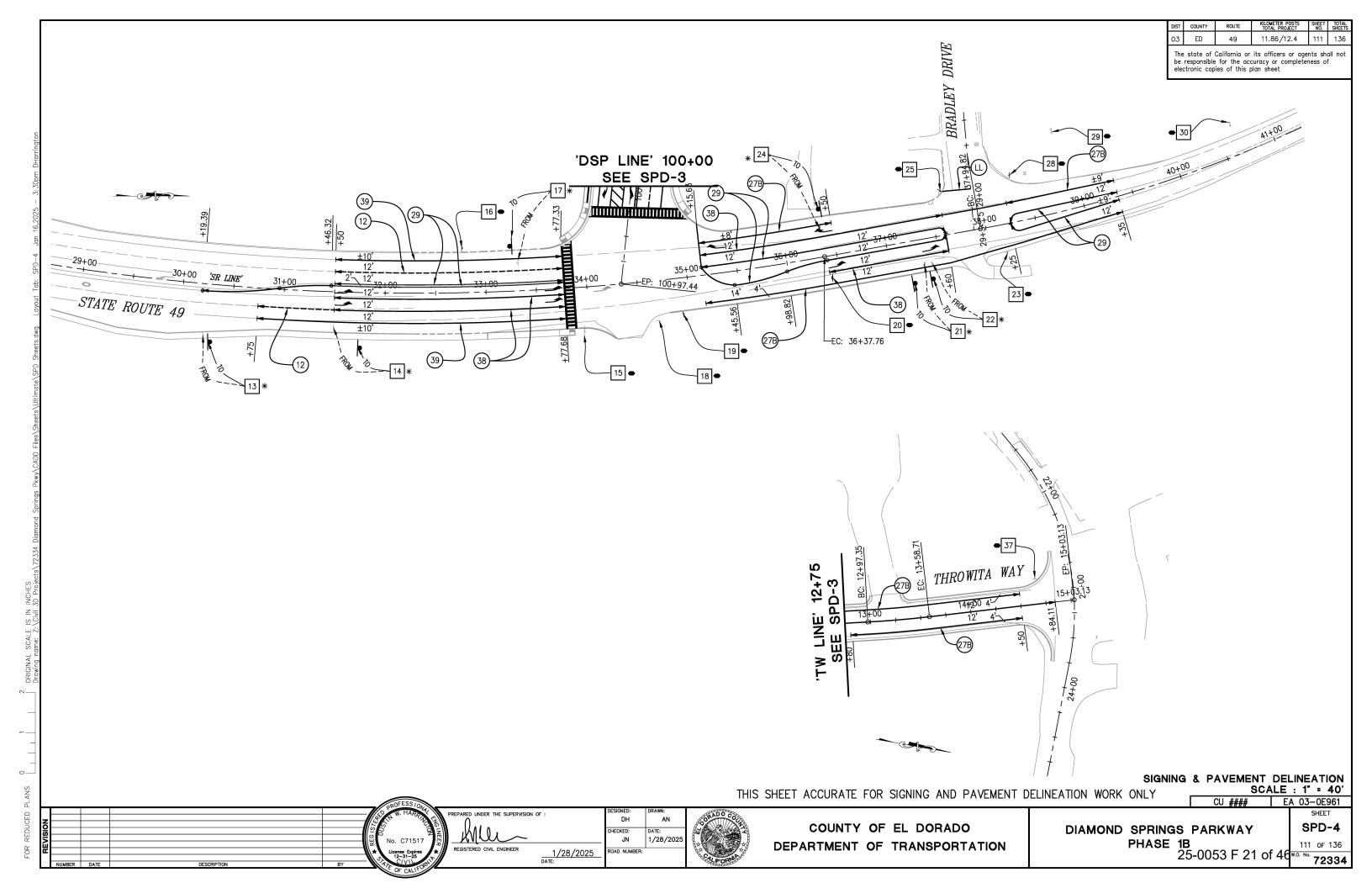
SHEET

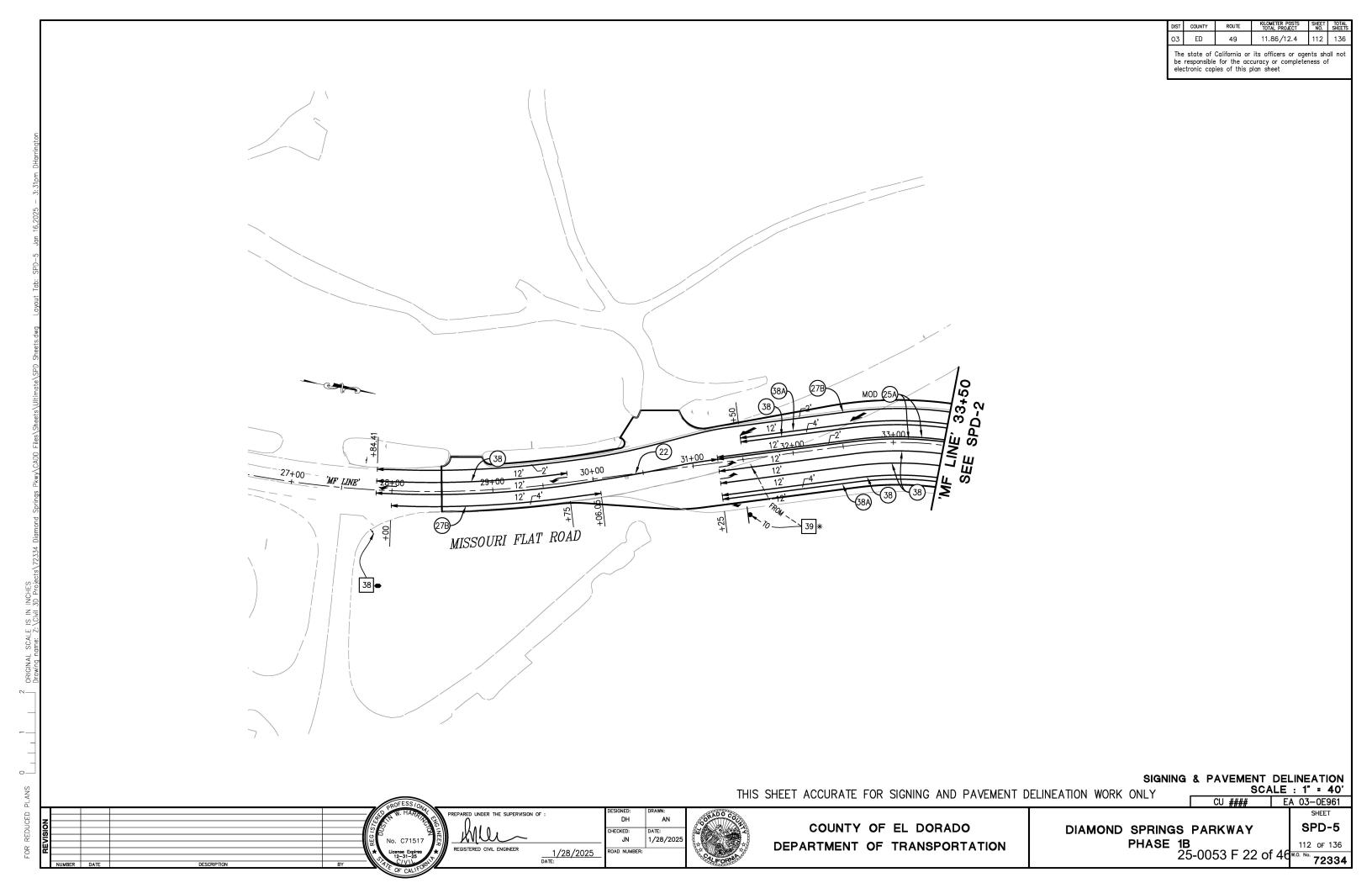
			_/	OROFESS/ON		
			<i> & </i>	N. HARP	PREPARED UNDER THE SUPERVISION OF	:
			56	30 8	N 0.4.	
			I − I ≃	2 A	II 12/11/01 ~	
		1	REG	No. C71517		
		"	<i> *\</i>	License Expires ★		1/28/2025
 	PERCENTEN.	B11	1110	12-31-25 C/V/L	[DATE:

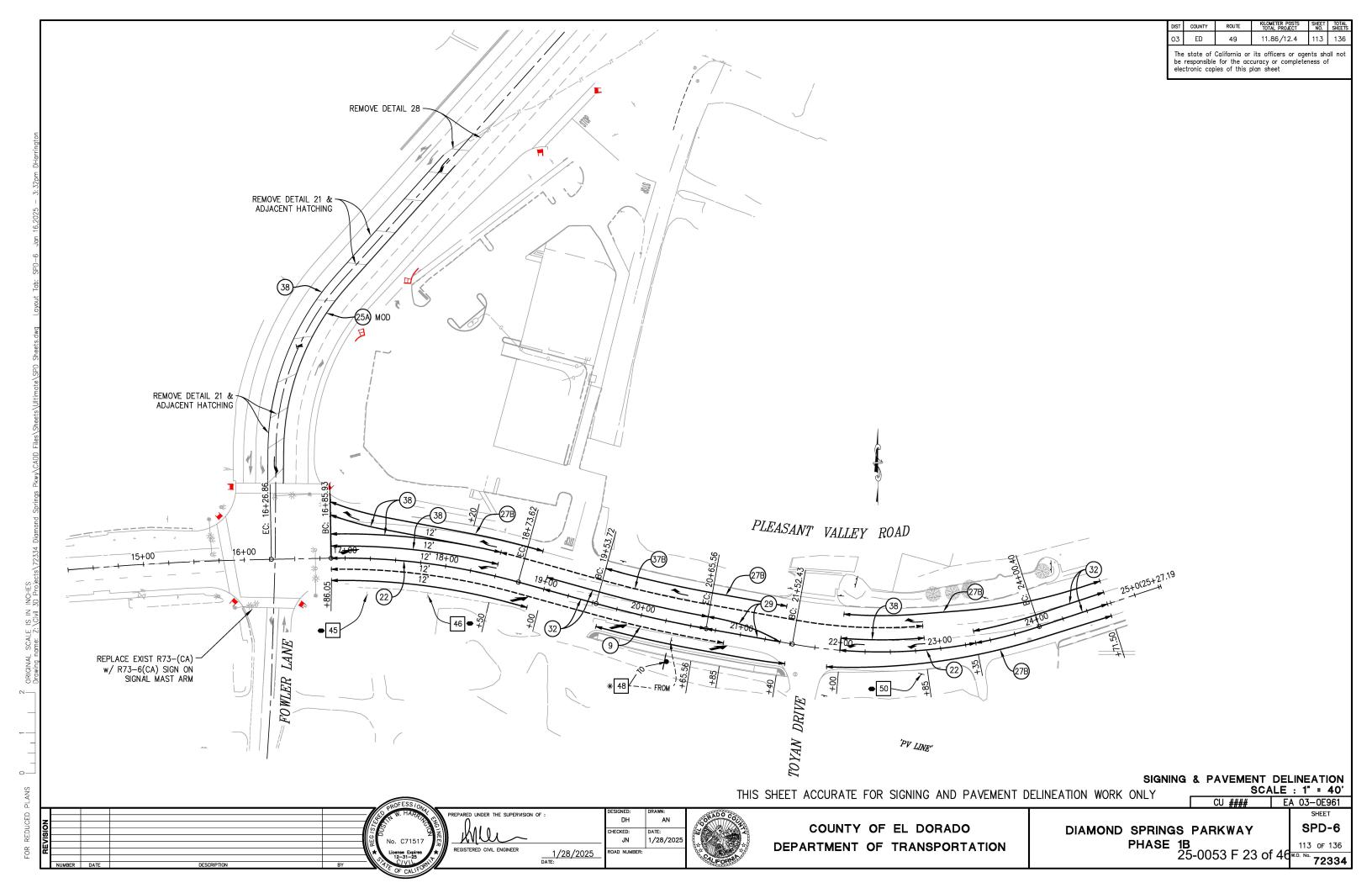


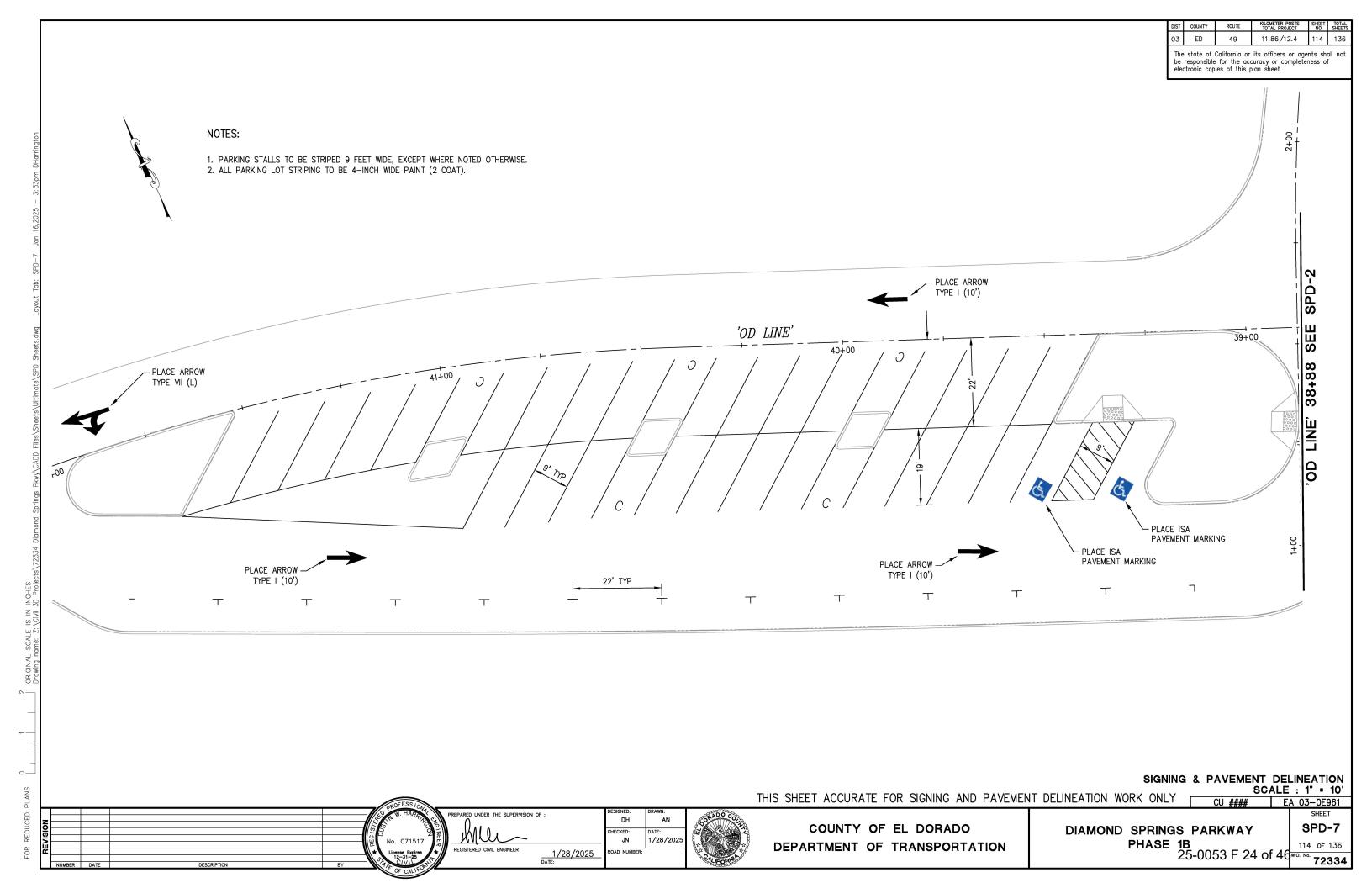












			ROADSIDE SIGN QU			
SHEET No.	SIGN No.		SIGN CODE	NUMBER OF SIGN (ONE POST)	REMAIN	RELOCAT
		R81A (CA)	BEOW	(EA)	(EA)	(EA)
	1	` '	BEGIN	1		
		R81 (CA)	BIKE LANE			
	2	R2-1	SPEED LIMIT (45MPH)		1	
SPD-1	3	R26A (CA)	NO PARKING ANY TIME		1	
	4	D1-2	DESTINATION		1	
	5	R26A (CA)	NO PARKING ANY TIME			1
	6	R26A (CA)	NO PARKING ANY TIME			1
	7	-	COMMERCIAL SIGN		1	
CDD 0	8	D3-1	STREET NAME		1	
SPD-2	9	W2-2	INTERSECTION WARNING			1
	10	-	COMMERCIAL SIGN			1
		R81A (CA)	BEGIN			
	11	R81 (CA)	BIKE LANE	1		
SPD-3		R81B (CA)	END	1		
	12	R81 (CA)	BIKE LANE	1 1		
	13	W51 (CA)	SLOW TRUCK	1		+ 4
		, ,				1 1
	14	W1-1a	TURN / ADVISORY SPEED		1	1
	15	D3-1	STREET NAME		1	
	16	R2-1	SPEED LIMIT (15MPH)		1	
	17	W1-1a	TURN / ADVISORY SPEED			1
	18	R1-1	STOP		1	
	19	-	PRIVATE SIGN		1	
	20	-	PRIVATE SIGN		1	
	21	-	PRIVATE SIGN		1	
	22	D1-2	DESTINATION			1
SPD-4	23	-	PRIVATE SIGN			1
	26	-	PRIVATE SIGN		1	
	27		PRIVATE SIGN		1	
	28	D3-1	STREET NAME		1	
	29	-	PRIVATE SIGN		1	
	30	D1-2	DESTINATION		1	
	31	D1-2 -	PRIVATE SIGN		+	
					1	
	32	-	PRIVATE SIGN		1	
	33	-	PRIVATE SIGN		1	
	34	-	PRIVATE SIGN		1	
	35	-	PRIVATE SIGN			1
	36	-	PRIVATE SIGN		1	
	37	R2-1	SPEED LIMIT (15MPH)		1	
	38	D3-1	STREET NAME		1	
	39	R2-1	SPEED LIMIT (45MPH)			1
	40	W1-7	TWO DIRECTION LARGE ARROW		1	
000.5	40	OM1-3	OBJECT MARKER			
SPD-5	41	-	PRIVATE SIGN		1	
	42	-	PRIVATE SIGN		1	
	43	-	PRIVATE SIGN		1	
	44	-	PRIVATE SIGN		1	
	45	- W9-1	RIGHT LANE END		1	
	45	R2-1	SPEED LIMIT (25MPH)		 '	
	46				1	
	<u> </u>	R48-1 (CA)	RADAR ENFORCED		 	-
	47	-	PRIVATE SIGN		1	
	48	-	PRIVATE SIGN			1
SPD-7	49	R1-1	STOP		1	
J. J .	50	G28-2 (CA)	HIGHWAY MARKER		1	
	51	G28-2 (CA)	HIGHWAY MARKER		1	
	52	-	PRIVATE SIGN		1	
	53	R1-1	STOP		1	
			DDIVATE CION			
	54	-	PRIVATE SIGN		1	

DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	115	136

			THERMOPLA	ASTIC TRAFFIC STRIPE				
			HIGH VISBILITY	THERMOPLASTIC	F	AVEMENT MARKER (RETR	OREFLECTIVE-RECESSE	D)
STANDARD PLAN NO.	FROM	то	6"-WHITE (LT)	6"-YELLOW (LT)	TYPE D (EA)	TYPE G (EA)	TYPE H (EA)	TYPE RY (EA)
	'DSP LINE' 51+82.61-RT	DSP LINE' 66+45.36-RT	1,469			33		
DETAIL 25 DETAIL 27B DETAIL 27B	'DSP LINE' 51+88.96-LT	DSP LINE' 66+45.36-LT	1,449			32		
	'DSP LINE' 67+63.30-LT	DSP LINE' 91+20.69-LT	2,355			51		
	'DSP LINE' 67+67.70-RT	DSP LINE' 91+28.22-RT	2,362			51		
DETAIL 12	'DSP LINE' 92+23.51-LT	DSP LINE' 100+24.18-LT	794			19		
	'DSP LINE' 92+32.24-RT	DSP LINE' 97+00-RT	471			12		
	'SR LINE' 30+75-RT	SR LINE' 31+50-RT	75			4		
	'SR LINE' 31+50-LT	SR LINE' 33+77.42-LT	226			7		
	'TW LINE' 6+70	TW LINE' 9+41.35		272				
DETAIL 21	'TW LINE' 10+64.62	TW LINE' 14+84.11		420				
	'BR LINE' 20+25	BR LINE' 25+00		475				
	'DSP LINE' 51+82.61-RT	DSP LINE' 53+25-RT		284	16			
	'MF LINE' 27+84.41-RT	MF LINE' 31+25-LT		682	32			
DETAIL 22	'MF LINE' 36+51.73	MF LINE' 38+59.71		416	22			
	'PV LINE' 16+86.05	PV LINE' 19+00		428	22			
	'PV LINE' 22+00	PV LINE' 24+71.50		428	22			
	'DSP LINE' 97+00-RT	DSP LINE' 100+21.76-RT		323				9
	'DSP LINE' 97+00-RT	DSP LINE' 100+21.76-RT		323				9
DETAIL 25	'PV LINE' 16+86.05-LT	'PV LINE' 18+20-LT		139				9
	'PV LINE' 16+86.05-LT	'PV LINE' 16+86.05-LT		142				9
	'DSP LINE' 64+50-LT	DSP LINE' 66+45.26-LT		390			12	
	'DSP LINE' 67+45.26-RT	DSP LINE' 71+00-RT		710			18	
DETAIL 25B	'DSP LINE' 92+27.89-RT	DSP LINE' 100+20.63-LT		1,588			38	
	'MF LINE' 31+25-LT	MF LINE' 34+29.30-LT		608			16	
	'SR LINE' 35+15.63-LT	SR LINE' 36+50-LT	135					
	'SR LINE' 35+15.63-LT	SR LINE' 39+35-LT	424					
	'SR LINE' 38+25-LT	SR LINE' 39+35-LT	110					
	'TW LINE' 6+70-LT	TW LINE' 9+41.82-LT	273					
<u> </u>	'TW LINE' 6+70-RT	TW LINE' 9+40.29-RT	278					
	'TW LINE' 10+68-LT	TW LINE' 14+50-LT	383					
T	'TW LINE' 10+62.40-RT	TW LINE' 11+90-RT	127					
	'TW LINE' 12+80-RT	TW LINE' 14+50-RT	171					
DETAIL 27B	'MF LINE' 28+00-RT	TW LINE' 14+50-RT	183					
	'MF LINE' 27+84.41-LT	TW LINE' 33+55-LT	576					
T	'OD LINE' 34+66.16-RT	'OD LINE' 38+59.74-RT	317					
T	'OD LINE' 34+66.16-LT	'OD LINE' 38+59.74-LT	277					
	'BR LINE' 20+25-LT	'BR LINE' 25+00-LT	475					
T	'BR LINE' 20+25-RT	'BR LINE' 25+00-RT	475					
T	'PV LINE' 16+86.05-RT	'PV LINE' 24+71.50-RT	789					
	'PV LINE' 16+86.05-LT	'PV LINE' 24+71.50-LT	779					
	'DSP LINE' 88+00-LT	'DSP LINE' 91+23.79-LT	.,,	648	16			
 	'DSP LINE' 88+00-LT	'DSP LINE' 91+23.79-LT		648	16			
 	'SR LINE' 30+19.39-RT	'SR LINE' 33+77.48-LT		716	17			
 	'SR LINE' 31+50-LT	'SR LINE' 33+77.48-LT		454	12			
	'SR LINE' 35+15.63-LT	SR LINE' 37+60-LT		228	7			
DETAIL 29	'SR LINE' 35+15.63-RT	SR LINE' 37+60-RT		232	7			
 	'OD LINE' 34+66.16	'OD LINE' 36+51.73		182	6			
-	'OD LINE' 34+66.16-RT	'OD LINE' 36+51.73-RT		196	6			
-	'PV LINE' 20+65.56	'PV LINE' 21+40		148	5			
	'PV LINE' 20+65.56	'PV LINE' 21+40		152	5			
+		SUBTOTAL	14,973	11,232	211	208	84	36
		TOTAL		3,205		45		

SIGNING & PAVEMENT DELINEATION QUANTITIES
TION WORK ONLY SCALE : NONE

THIS SHEET ACCURATE FOR SIGNING AND PAVEMENT DELINEATION WORK ONLY

CU #### EA 03-0E961 SHEET

SPD-8 DIAMOND SPRINGS PARKWAY

DH CHECKED: JN

ROAD NUMBER:

1/28/2025 DATE:

1/28/202

COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION

PHASE 1B 25-0053 F 25 of 46 W.O. No. 72334

STANDARD PLAN NO.

DETAIL 32

DETAIL 38

DETAIL 39A

DETAIL 39

DSP LINE' 53+25-LT

DSP LINE' 53+25-RT

DSP LINE' 71+00-LT

DSP LINE' 71+00-RT

'PV LINE' 16+86.05

'PV LINE' 19+00-LT

'DSP LINE' 51+82.61-LT

'DSP LINE' 62+75-RT

'DSP LINE' 64+50-RT

'DSP LINE' 65+91.47-RT

'DSP LINE' 66+59.20-RT

'DSP LINE' 67+67.70-LT

'DSP LINE' 67+67.70-LT

'DSP LINE' 87+50-RT

'DSP LINE' 88+00-RT

'DSP LINE' 92+23.51-LT

'SR LINE' 31+50-RT

'SR LINE' 31+50-RT

'SR LINE' 31+50-RT

'SR LINE' 35+15.63-LT

'SR LINE' 36+37.76-RT

'TW LINE' 8+07-RT

'TW LINE' 9+00-RT

'MF LINE' 27+84.41-LT

'MF LINE' 31+25-RT

'MF LINE' 31+25-RT

'MF LINE' 31+25-RT

'PV LINE' 16+86.05-LT

'PV LINE' 16+86.05-RT

'PV LINE' 18+20-LT

'PV LINE' 22+00-LT

'PV LINE' 23+35-LT

'MF LINE' 30+06.05-RT

'MF LINE' 30+06.05-RT

'MF LINE' 31+50-LT

'MF LINE' 31+50-LT

'DSP LINE' 51+82.61-RT

'DSP LINE' 51+88.96-LT

'DSP LINE' 62+75-RT

'DSP LINE' 67+45.26-LT

'DSP LINE' 67+45.26-RT

'DSP LINE' 70+25-LT

'DSP LINE' 87+50-RT

'DSP LINE' 92+23.51-LT

'DSP LINE' 92+23.51-RT

'SR LINE' 30+75-RT

'SR LINE' 31+50-LT

No. C71517

EPARED UNDER THE SUPERVISION OF 1/28/2025 DATE:

THERMOPLASTIC TRAFFIC STRIPE

'DSP LINE' 64+50-LT

'DSP LINE' 64+50-RT

'DSP LINE' 88+00-LT

'DSP LINE' 88+00-RT

'PV LINE' 20+65.56

'PV LINE' 20+65.56-LT

'DSP LINE' 53+25-LT

'DSP LINE' 66+45.26-RT

'DSP LINE' 66+45.26-RT

'DSP LINE' 66+52.03-RT

'MF LINE' 34+65.60-LT

'DSP LINE' 69+25-LT

'DSP LINE' 71+00-LT

'DSP LINE' 91+20.69-RT

'DSP LINE' 91+20.69-RT

'DSP LINE' 97+00-LT

'SR LINE' 77+68-RT

'SR LINE' 33+77.68-RT

'SR LINE' 33+77.68-RT

'SR LINE' 38+25-LT

'SR LINE' 37+60-RT

'TW LINE' 9+40.29-RT

'TW LINE' 9+40.29-RT

'MF LINE' 29+75-LT

'MF LINE' 34+25.83-RT

'MF LINE' 34+25.83-RT

'MF LINE' 34+25.83-RT

'PV LINE' 18+50-LT

'PV LINE' 20+85-RT

'PV LINE' 22+85-LT

'PV LINE' 22+85-LT

'PV LINE' 24+71.50-LT

'MF LINE' 31+25-RT

'MF LINE' 31+25-RT

'MF LINE' 34+30.23-LT

'MF LINE' 34+30.23-LT

'DSP LINE' 61+75-RT

'DSP LINE' 66+45.26-LT

'DSP LINE' 66+45.26-LT

'DSP LINE' 69+25-LT

'DSP LINE' 86+50-RT

'DSP LINE' 91+20.69-LT

'DSP LINE' 91+28.22-LT

'DSP LINE' 100+24.18-LT

'DSP LINE' 100+24.18-RT

SR LINE' 33+77.68-RT

SR LINE' 33+77.33-LT

SUBTOTAL TOTAL

6"-WHITE

HIGH VISBILITY THERMOPLASTIC

8"-WHITE

(LT)

1.688

1,902

2,552

2,552

567

248

143 370

195

69

73

157 332

371

321

477

477

228

228

310

122 133

45

191

301

301

301

164

399

465

85

137

15.902

26,229

121

288

288

993

370 180

1,905

2,095

378

801

801

303

227 10,327 TYPE G (EA)

17

10

16

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16

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319

TYPE D

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13

DH HECKED: JN 1/28/202 OAD NUMBER:

COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION DIAMOND SPRINGS PARKWAY

SPD-9 PHASE 1B 25-0053 F 26 of 46 W.O. No. 72334

				PAVEMEN	T MARKING	is				
STANDARD DRAWING	DESCRIPTION	SPD-1	SPD-2	SPD-3	SPD-4	SPD-5	SPD-6	SPD-7	COUNT (TOTAL)	TOTAL AREA (SQFT)
A24F	CROSSWALK (BASIC, 1' MARKING WIDTH)	184	665	1352		124			2325	2,325
A24F	LIMIT LINE (BASIC, 1' MARKING WIDTH)				61		22	76	159	159
A24D	YIELD		1						1	24
A24E	KEEP				1				1	24
A24E	CLEAR				1				1	27
A24A	TYPE I ARROW		3						3	93
A24B	TYPE II (L) ARROW		1	1	2				4	180
A24B	TYPE II (R) ARROW								0	0
A24B	TYPE II (B) ARROW		1	1	1				3	177
A24B	TYPE III (L) ARROW	2	4	6	7	6		4	29	1,218
A24B	TYPE III (R) ARROW		4	5	5	2		4	20	840
A24B	TYPE VI ARROW					3		3	6	252
		•	•	TOTAL	•	•	•			5,067

SIGNING & PAVEMENT DELINEATION QUANTITIES SCALE : NONE

DIST COUNTY

ED

ROUTE

49

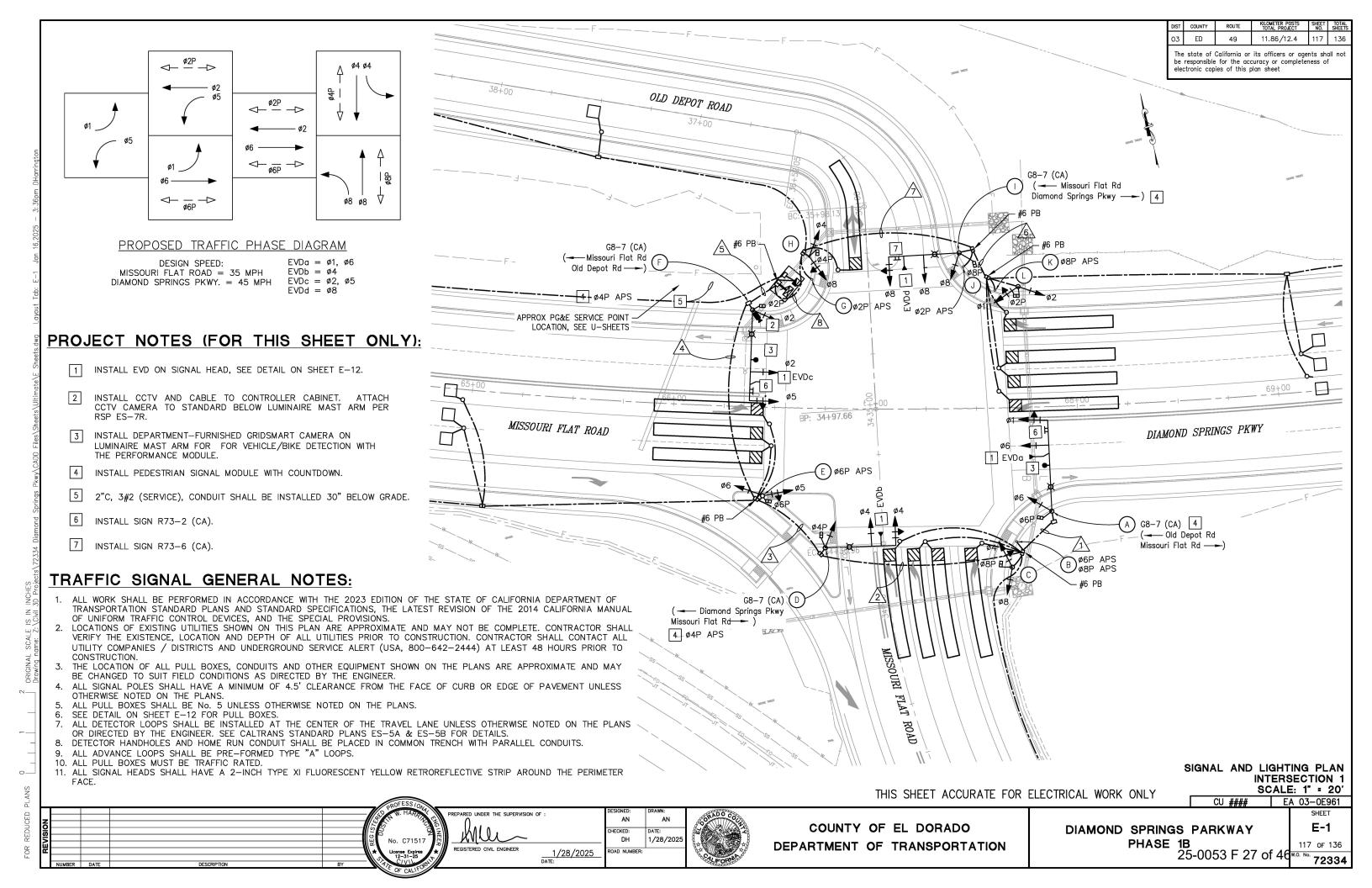
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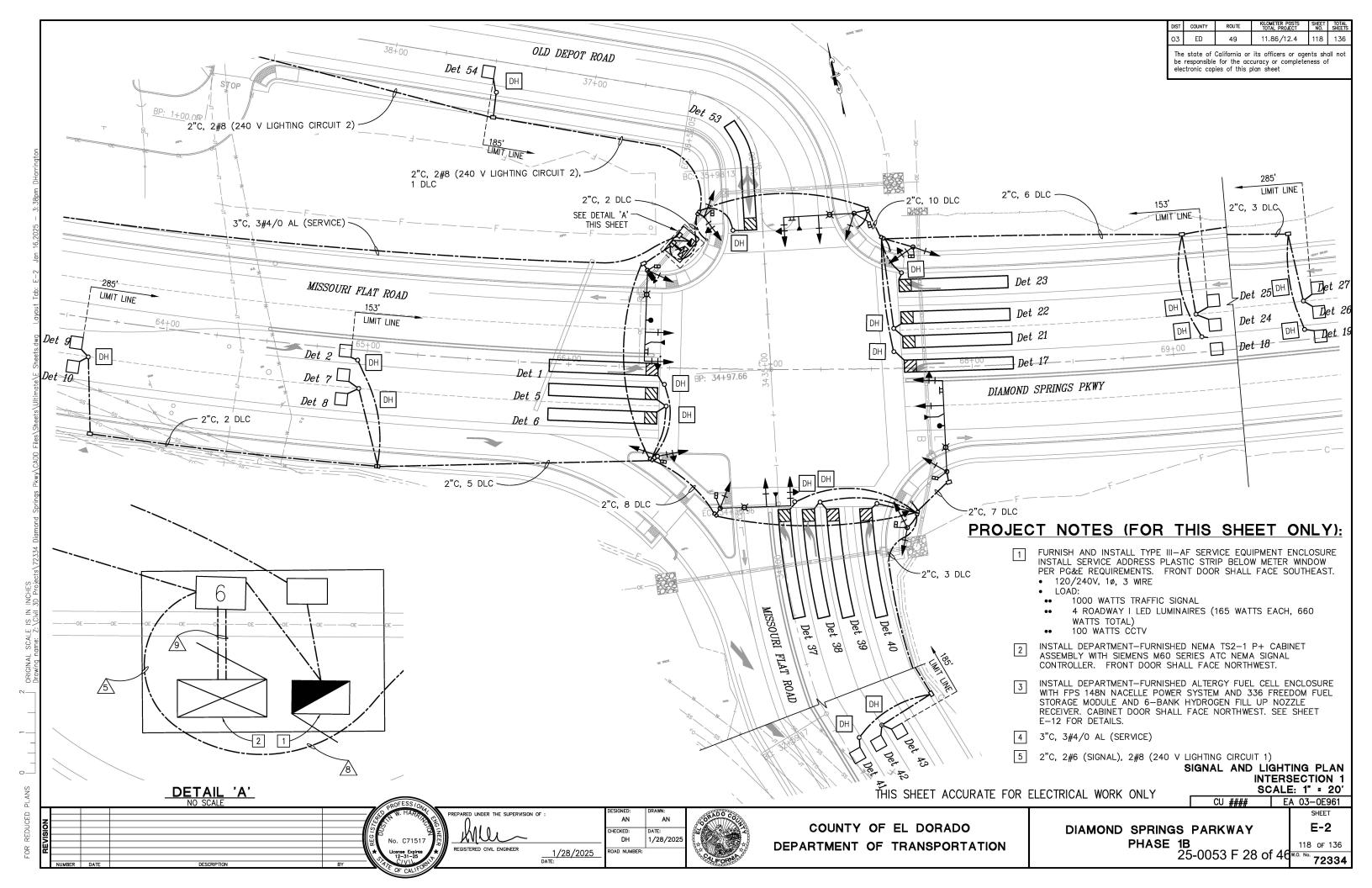
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THIS SHEET ACCURATE FOR SIGNING AND PAVEMENT DELINEATION WORK ONLY

CU #### EA 03-0E961 SHEET





POLE AND EQUIPMENT SCHEDULE

	S	TANDARD			VEHICLE MOUN			PEDE	STRIAN SIGNAL MOUNTING		PBA	LED	LOCATIO	ON	DELLA DIVO
NO.	TYPE	SIG. MA (FT)	LUM. MA (FT)	ø	MAST ARM	ø	POLE	ø	POLE	ø	ARROW	LUMINAIRE	STATION **	OFFSET	REMARKS *
A	26-3-100	45	12	6	MAS MAS	6	SV-1-T	6	SP-1-T			ROADWAY I	'DSP' 67+85.82	51.76 RT	INSTALL GRIDSMART CAMERA ON LUMINAIRE MAST ARM. INSTALL R73—2 (CA) ON SIGNAL MAST ARM. INSTALL EVDG ON SIGNAL HEAD. INSTALL G8—7 (CA) ON STANDARD DIRECTLY ABOVE SIGNAL MAST ARM CONNECTION WITH STRAP & SADDLE BRACKET METHOD. F=13.6'
B	РВА									6 8			'DSP' 67+68.37	66.38 RT	INSTALL APS SIGN.
©	1-B					4 8	TV-2-T	8	SP-1-T				'DSP' 67+66.04	79.01 RT	
(D)	24-3-100	35	12	4	MAS-4B	4	SV-1-T	4	SP-1-T	4	-	ROADWAY I	'DSP' 67+76.09	69.02 RT	INSTALL EVDb ON SIGNAL HEAD. INSTALL G8-7 (CA) ON STANDARD DIRECTLY ABOVE SIGNAL MAST ARM CONNECTION WITH STRAP & SADDLE BRACKET METHOD. INSTALL APS SIGN. F=12'
E	1-B					5 6	TV-2-T	6	SP-1-T	6	-		'DSP' 66+45.20	43.94 RT	INSTALL APS SIGN.
F	26-3-100	45	12	2 5	MAS MAS	2	SV-1-T	2	SP-1-T	2		ROADWAY I	'DSP' 66+37.60	48 LT	INSTALL GRIDSMART CAMERA ON LUMINAIRE MAST ARM. INSTALL APS SIGN. INSTALL CCTV ON STANDARD. INSTALL EVDc ON SIGNAL HEAD. INSTALL R73-2 (CA) ON SIGNAL MAST ARM. INSTALL G8-7 (CA) ON STANDARD DIRECTLY ABOVE SIGNAL MAST ARM CONNECTION WITH STRAP & SADDLE BRACKET METHOD. F=14.4'
<u>©</u>	РВА									4	-		'DSP' 66+67.27	63.86 LT	INSTALL APS SIGN.
\oplus	1-B					4 8	TV-2-T	4	SP-1-T				'DSP' 66+65.72	75.17 LT	
0	24-3-100	35	12	8	MAS-4B	8	SV-1-T	4	SP-1-T			ROADWAY I	'DSP' 67+42.44	77.17 LT	INSTALL EVDd ON SIGNAL HEAD. INSTALL R73-6 (CA) ON SIGNAL MAST ARM. INSTALL G8-7 (CA) ON STANDARD DIRECTLY ABOVE SIGNAL MAST ARM CONNECTION WITH STRAP & SADDLE BRACKET METHOD. F=17.3'
<u> </u>	РВА									2			'DSP' 67+44.41	70.29 LT	INSTALL APS SIGN.
K	РВА					1				8	-		'DSP' 67+60.40	58.44 LT	INSTALL APS SIGN.
(L)	1-B					2	TV-2-T	2	SP-1-T				'DSP' 67+72.20	59.92 LT	

*	OTHER REQUIREMENTS ARE COVERED BY NOTES, LEGEND, SPECIAL PROVISIONS AND
	STANDARD SPECIFICATIONS.
	FOR TYPE OF STANDARD AND VEHICLE SIGNAL MOUNTING. SEE CALTRANS STANDARD PLANS.

** Final location will be determined by the engineer.

CONDUCTOR & CONDUIT SCHEDULE														
						F	RUN No							
AWG SIZE OR CABLE TYPE	PHASE Ø	POLE OR CIRCUIT		<u>^2</u>	3	4	<u>\$</u>	<u>6</u>	ふ	8	<u>\$</u>			
	1, 6, 6P	POLE (A)	1	1	1	1	1				1			
	6PBA, 8PBA	POLE B		1	1	1	1				1			
	4, 8, 8P	POLE ©		1	1	1	1				1			
	4, 4P 4PBA	POLE D			1/1	1/1	1/1				1/1			
12/3	5, 6, 6P 6PBA	POLE E				1 1	1 1				1/1			
CONDUCTOR	2, 2P, 5 2PBA	POLE (F)					1/1				1/1			
SIGNAL CABLES	2PBA, 4PBA	POLE G					\angle			1	1			
	4, 4P, 8	POLE (H)	\angle		\angle		\angle			1	1			
	8, 8P	POLE (\angle	\angle	\angle	\angle	\angle	\angle	1	1/	1			
	2PBA	POLE (J)	/		/	/	/		1	1	1			
	8PBA	POLE (K)	\angle	/	\angle	\angle	\angle		1	$\frac{1}{1}$	1			
	1, 2, 2P	POLE (L)	\angle		/	\angle			1	1/	1			
	TOTAL CABLES 12/3 CO		1	$\frac{2}{1}$	$\frac{3}{2}$	4/3	5/4	1/1	$\frac{2}{2}$	$\frac{3}{2}$	8 7			
#8	LIGHTING CIRCUIT 1 (24)				2	2	2	2			2			
#6	CONTROLLER SERVICE (1	120V)									2			
	Det 1, 2					2	2				2			
	Det 5, 6, 7, 8, 9					6	6	_		_	6			
TYPE B	Det 17, 18, 19							3	3	3	3			
DLC	Det 21, 22, 23, 24, 2 Det 37, 38, 39, 40, 4			_			_	7	7	7	7			
		1, 42. 43	7	7	7	7	7				7			
	Det 53, 54			7		45	45	10	2	10	2			
		טור	7	7	7	15 2	15 4	10	12	10	25 4			
	GRIDSMART CAMERA CAE	1	1	2	2	3		1	1	4				
	CCTV CAMERA INTERCONNECT CA	'	'			1		'	'	1				
CONDUIT SIZE		NI O OADEL	3"	3"	4"	2-4"	2-4"	4"	4"	4"	3-4"			
% FILL	•		19	25	21	15	19	12	18	21	20			

NOTES:

- 1. GRIDSMART CAMERA CABLE PLACED IN 1-2"C BY ITSELF.
- 2. CCTV CAMERA CAT 5 INTERCONNECT CABLE PLACED IN 1-2"C BY ITSELF.
 3. APS SIGN MUST BE R10-3eR OR R10-3eL.

SIGNAL AND LIGHTING PLAN

THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY

INTERSECTION 1
SCALE : NONE CU #### EA 03-0E961

PREPARED UNDER THE SUPERVISION OF 1/28/2025 DATE:

DH

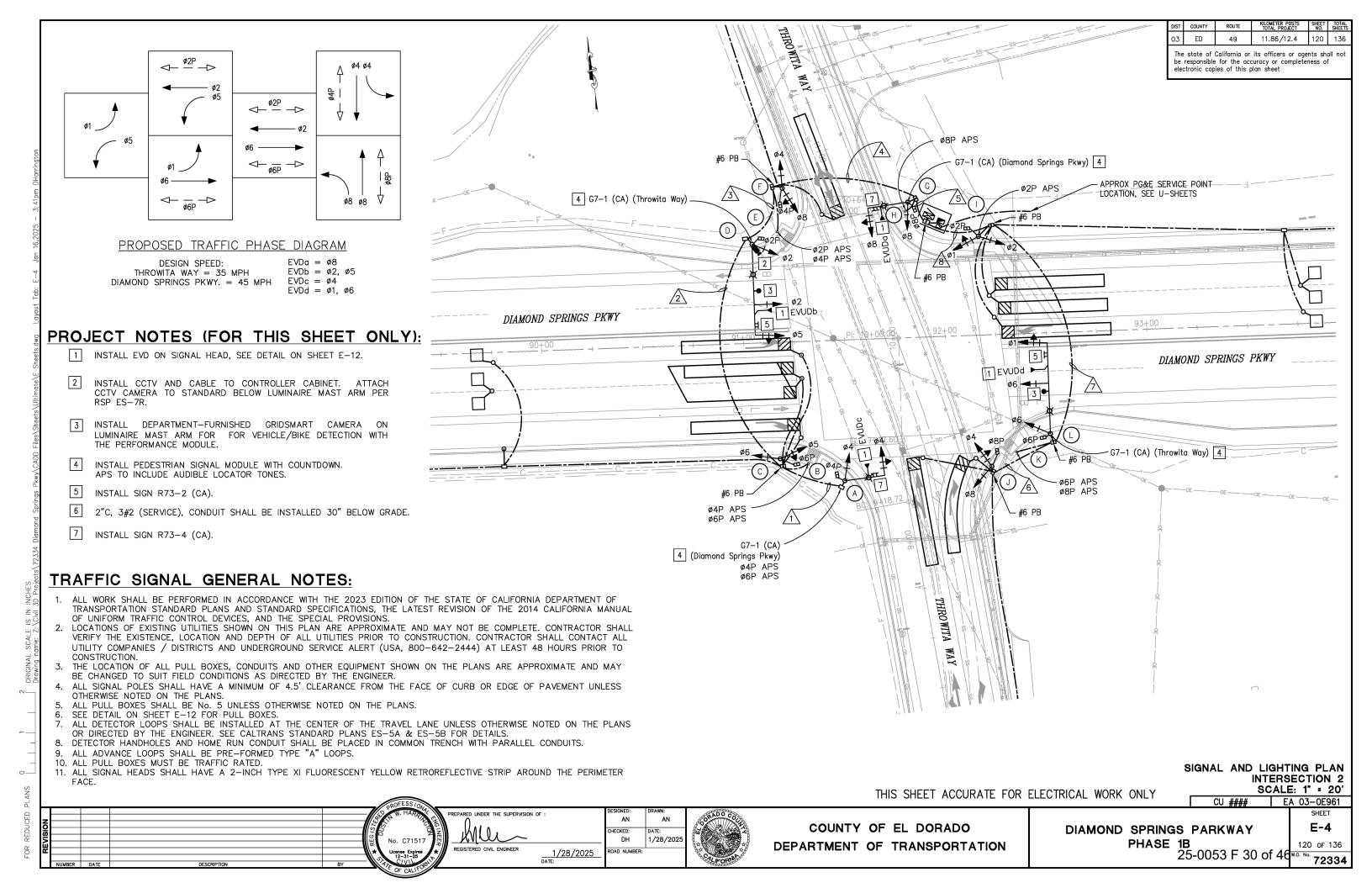
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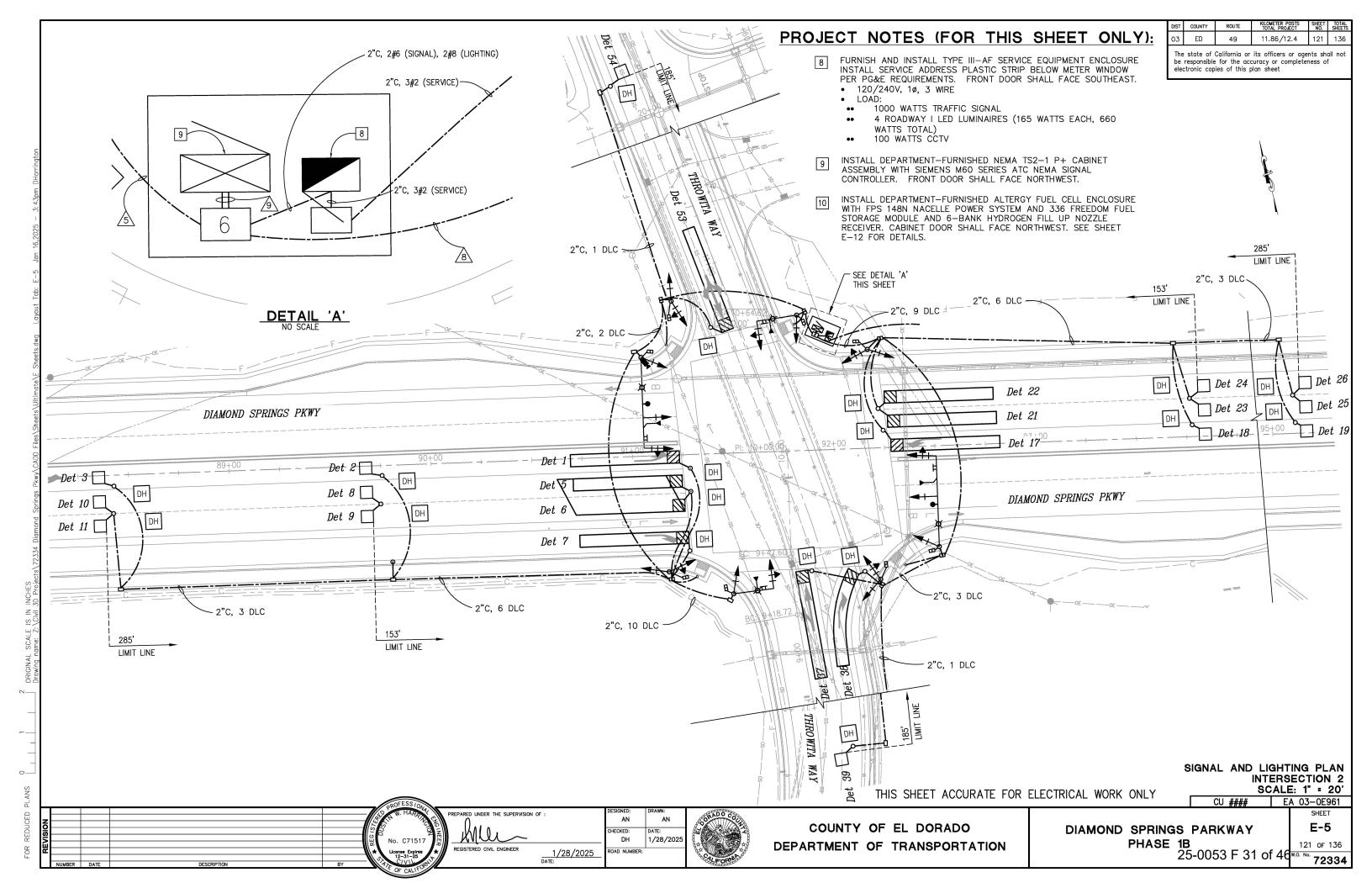


COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION DIAMOND SPRINGS PARKWAY PHASE 1B 25-0053 F 29 of 46 W.O. No. 72334

E-3

SHEET





7	POLE AND EQUIPMENT SCHEDULE														
		ANDARD			VEHICLE MOUN			PEDE	STRIAN SIGNAL MOUNTING		PBA	LED LUMINAIRE	LOCATIO	N	DELIA DI CO
NO.	TYPE	SIG. MA (FT)	LUM. MA (FT)	ø	MAST ARM	ø	POLE	ø	POLE	ø	ARROW	LUMINAIRE	STATION **	OFFSET	REMARKS *
(A)	19-2-100	30	12	4	MAS-4B	4	SV-1-T	4	SP-1-T			ROADWAY I	'DSP' 91+47.80	69.70 RT	INSTALL EVDc ON SIGNAL HEAD. INSTALL R73-4 (CA) ON SIGNAL MAST ARM. INSTALL G7-1 (CA) ON STANDARD DIRECTLY ABOVE SIGNAL MAST ARM CONNECTION WITH STRAP & SADDLE BRACKET METHOD. INSTALL APS SIGN.
B	PBA									4 6	<u></u>		'DSP' 91+30.00	60.59 RT	INSTALL APS SIGN.
0	1-B					5 6	TV-2-T	6	SP-1-T				'DSP' 91+16.19	57.70 RT	
	26-3-100	45	12	2 5	MAS MAS	2	SV-1-T	2	SP-1-T			ROADWAY I	'DSP' 91+06.00	49.01 LT	INSTALL GRIDSMART CAMERA ON LUMINAIRE MAST ARM. INSTALL CCTV ON STANDARD. INSTALL EVDb ON SIGNAL HEAD. INSTALL R73-2 (CA) ON SIGNAL MAST ARM. INSTALL G7-1 (CA) ON STANDARD DIRECTLY ABOVE SIGNAL MAST ARM CONNECTION WITH STRAP & SADDLE BRACKET METHOD. F=16.16'
E	PBA									2			'DSP' 91+18.79	54.74 LT	INSTALL APS SIGN.
(Ē)	1-B					4 8	TV-2-T	4	SP-1-T				'DSP' 91+21.94	76.23 LT	
	17-2-100	20	12	8	MAS-4B	8	SV-1-T	8	SP-1-T			ROADWAY I	'DSP' 91+83.86	67.13 LT	INSTALL EVDa ON SIGNAL HEAD. INSTALL R73-4 (CA) ON SIGNAL MAST ARM. INSTALL G7-1 (CA) ON STANDARD DIRECTLY ABOVE SIGNAL MAST ARM CONNECTION WITH STRAP & SADDLE BRACKET METHOD.
\oplus	PBA									8	-		'DSP' 91+82.51	62.75 LT	INSTALL APS SIGN.
0	1-B					1 2	TV-2-T	2	SP-1-T	2	+		'DSP' 92+18.23	48.95 LT	INSTALL APS SIGN.
(1-B					4 8	TV-2-T	2	SP-1-T				'DSP' 92+20.86	65.14 RT	
K	PBA									6 8	—		'DSP' 92+33.35	58.45 RT	INSTALL APS SIGN.
	26-3-100	45	12	6	MAS MAS	6	SV-1-T	6	SP-1-T			ROADWAY I	'DSP' 92+50.45	50.00 RT	INSTALL GRIDSMART CAMERA ON LUMINAIRE MAST ARM. INSTALL CCTV ON STANDARD. INSTALL EVDd ON SIGNAL HEAD. INSTALL R73-2 (CA) ON SIGNAL MAST ARM. INSTALL G7-1 (CA) ON STANDARD DIRECTLY ABOVE SIGNAL MAST ARM CONNECTION WITH STRAP & SADDLE BRACKET METHOD. F=16'

*	OTHER REC			ERED	BY NOTES,	LEGE	ND, SPEC	IAL P	ROVISI	ONS AND		
				EHICL	E SIGNAL M	OUNT	ING, SEE	CALT	RANS	STANDARD	PLANS.	
**	k FINAL LOCA	ATION WILL	BE DETER	MINED	BY THE EN	IGINE	ER.					

	CONDUCT	OR & C	JUNC	JIT S	SCHE	DULE	-				
							RUN No	,			
AWG SIZE OR CABLE TYPE	PHASE Ø	POLE OR CIRCUIT		<u>/2</u>	3	4	<u>\$</u>	<u>6</u>	Δ	8	<u>\$</u>
	4, 4P 4PBA, 6PBA	POLE A	1	1	1	1	1		\angle		1
	5, 6, 6P 2, 2P, 5	POLE ©		1	1 1	1 1	1 1 1				1 1
	2PBA, 4PBA	POLE (E)				1	1				1
12/3	4, 4P, 8	POLE F				1	1				1
CONDUCTOR	8, 8P	POLE ©					1				1
SIGNAL CABLES	8PBA	POLE (H)					1			1	1
	4, 8, 8P	POLE (J)						1	1	1	1
	6PBA, 8PBA	POLE (K)							1	1	1
	1, 6, 6P	POLE (L)							1	1	1
	TOTAL CABLES 12/3 CC	NDUCTORS	1	2/1	3 1	4/2	5/3	1	2/1	3/2	8 5
#8	LIGHTING (240V)			2	2	2	2		2	2	4
#6	CONTROLLER SERVICE (120V)									2
	Det 1, 2, 3			3	3	3	3	3			3
	Det 5, 6, 7, 8, 9,			7	7	7	7	7			7
TYPE	Det 17, 18, 1									3	3
В	Det 21, 22, 23, 24, 2									6	6
DLC	Det 37, 38, 3	9						3	3	3	3
	Det 53, 54					2	2				2
	TOTAL			10	10	12	12	13	3	12	24
	GRIDSMART CAMERA CAI			2	2	2	2	2	2	4	
	EVD	1	1	2	2	3		1	1	4	
	CCTV CAMERA INTERCONNECT CA			1	1	1				1	
CONDUIT SIZE	<u> </u>	3"	4"	2-4"	2-4"	2-4"	4"	3"	4"	3-4"	
% FILL			11	17	11	14	17	11	19	21	18

- GRIDSMART CAMERA CABLE PLACED IN 1-2"C BY ITSELF.
 CCTV CAMERA CAT 5 INTERCONNECT CABLE PLACED IN 1-2"C BY ITSELF.
 APS SIGN MUST BE R10-3eR OR R10-3eL.

SIGNAL AND LIGHTING PLAN INTERSECTION 2 SCALE : NONE

CU #### EA 03-0E961

THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY

DIAMOND SPRINGS PARKWAY PHASE 1B 25-0053 F 32 of 46 72334

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PREPARED UNDER THE SUPERVISION OF : DH 1/28/2025 DATE:



1/28/202

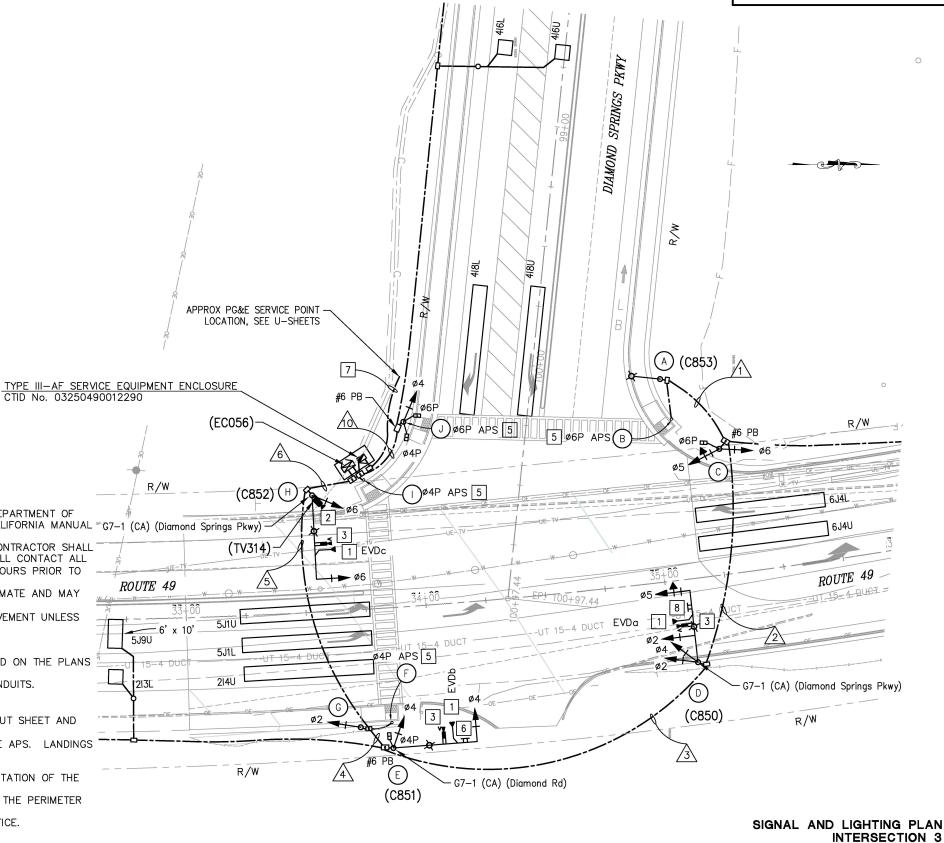
 $EVDa = \emptyset 2, \emptyset 5$ DESIGN SPEED: $EVDb = \emptyset4$ SR 49 = 40 MPHDIAMOND SPRINGS PKWY = 45 MPH $EVDc = \emptyset6$

PROJECT NOTES (FOR THIS SHEET ONLY):

- 1 INSTALL EVD ON SIGNAL HEAD, SEE DETAIL ON SHEET E-12.
- INSTALL CCTV AND CABLE TO CONTROLLER CABINET. ATTACH CCTV CAMERA TO STANDARD BELOW LUMINAIRE MAST ARM PER RSP ES-7R.
- INSTALL VIDEO DETECTION CAMERA PER MANUFACTURER SPECIFICATION. PROGRAM CAMERA FOR VIDEO DETECTION ZONES FOR EACH LANE AS SHOWN ON THE PLAN. ADJUST CAMERA AS
- INSTALL PEDESTRIAN SIGNAL MODULE WITH COUNTDOWN AND TOUCH-FREE PEDESTRIAN PUSH BUTTON. APS TO INCLUDE AUDIBLE
- INSTALL SIGN R73-2 (CA).
- 2"C, 3#2 (SERVICE), CONDUIT SHALL BE INSTALLED 30" BELOW GRADE.
- INSTALL SIGN R73-5 (CA).

TRAFFIC SIGNAL GENERAL NOTES:

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2023 EDITION OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND STANDARD SPECIFICATIONS, THE LATEST REVISION OF THE 2014 CALIFORNIA MANUAL = G7-1 (CA) (Diamond Springs Pkwy) OF UNIFORM TRAFFIC CONTROL DEVICES, AND THE SPECIAL PROVISIONS.
- LOCATIONS OF EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE AND MAY NOT BE COMPLETE. CONTRACTOR SHALL VERIFY THE EXISTENCE, LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES / DISTRICTS AND UNDERGROUND SERVICE ALERT (USA, 800-642-2444) AT LEAST 48 HOURS PRIOR TO CONSTRUCTION. NOTE THAT CALTRANS IS NOT A MEMBER OF UNDERGROUND SERVICE ALERT
- THE LOCATION OF ALL PULL BOXES, CONDUITS AND OTHER EQUIPMENT SHOWN ON THE PLANS ARE APPROXIMATE AND MAY BE CHANGED TO SUIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- ALL SIGNAL POLES SHALL HAVE A MINIMUM OF 4.5' CLEARANCE FROM THE FACE OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED ON THE PLANS.
- ALL PULL BOXES SHALL BE No. 5 UNLESS OTHERWISE NOTED ON THE PLANS
- SEE DETAIL ON SHEET E-12 FOR PULL BOXES.
- ALL DETECTOR LOOPS SHALL BE INSTALLED AT THE CENTER OF THE TRAVEL LANE UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER. SEE CALTRANS STANDARD PLANS ES-5A & ES-5B FOR DETAILS.
- DETECTOR HANDHOLES AND HOME RUN CONDUIT SHALL BE PLACED IN COMMON TRENCH WITH PARALLEL CONDUITS.
- 9. ALL ADVANCE LOOPS SHALL BE PRE-FORMED TYPE "A" LOOPS.
- 10. ALL PULL BOXES MUST BE TRAFFIC RATED.
- 11. PLACEMENT OF THE ACCESSIBLE PEDESTRIAN SIGNAL (APS) WILL BE MADE IN COORDINATION WITH THE LAYOUT SHEET AND THE APPROVAL OF THE ENGINEER.
- 12. LANDINGS WITH RETAINING CURBS SHOULD BE 10" MAX FROM THE FACE OF THE CURB TO THE FACE OF THE APS. LANDINGS WITHOUT A RETAINING CURB WILL HAVE APS PLACED AT THE BACK OF WALK.
- 13. THE APS SHALL BE PLACED SO THAT THE PATH OF THE PEDESTRIAN IS UNOBSTRUCTED.
- 14. A CALTRANS ENGINEER OR MEMBER OF ELECTRICAL MAINTENANCE MUST APPROVE THE LOCATION AND ORIENTATION OF THE SIGNAL CONTROLLER CABINET PRIOR TO WORK COMMENCING.
- 15. ALL SIGNAL HEADS SHALL HAVE A 2-INCH TYPE XI FLUORESCENT YELLOW RETROREFLECTIVE STRIP AROUND THE PERIMETER
- 16. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE CALTRANS DISTRICT OFFICE.



THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY

REPARED UNDER THE SUPERVISION OF 1/28/2025 DATE:

DH 1/28/202



COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION DIAMOND SPRINGS PARKWAY **PHASE 1B** 25-0053 F 33 of 46 W.O. No.

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The state of California or its officers or agents shall no be responsible for the accuracy or completeness of

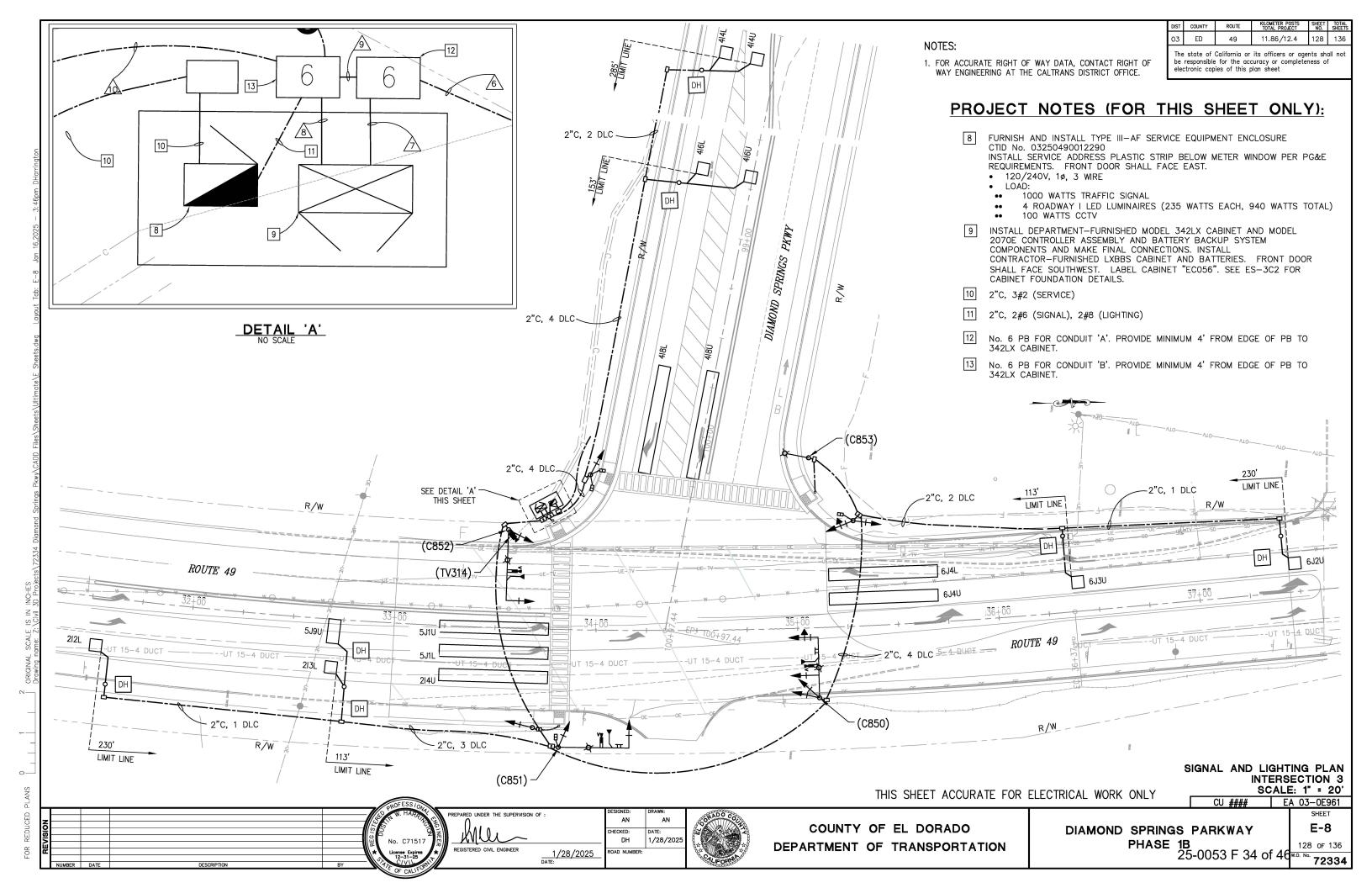
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123 of 136 72334

SCALE: 1" = 20'

EA 03-0E961

CU ####

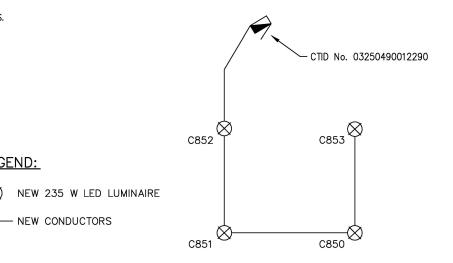


										POLE AND	ΕŒ	QUIPME	NT SCHE	EDULE		
		S.	TANDARD		VEHICLE SIGNAL MOUNTING				PEDE	STRIAN SIGNAL MOUNTING		РВА	LED LUMINAIRE	LOCATIO	N	REMARKS *
25	NO.	TYPE	SIG. MA (FT)	LUM. MA (FT)	ø	MAST ARM	ø	POLE	ø	POLE	ø	ARROW	LOMINAINL	STATION **	OFFSET	REMARKS #
	A	24A-3-100		15									ROADWAY 2	'SR' 35+08.24	84.33 LT	NO SMA TO BE INSTALLED.
 F	B	PBA									8			'SR' 35+10.99	67.10 LT	INSTALL APS SIGN.
0,202,0	0	1-B					7 8	TV-2-T	8	SP-1-T				'SR' 35+29.74	52.25 LT	
105. E 9 0011 10	0	19A-4-100	30	15	4 7	MAS MAS	2	SV-2-TD					ROADWAY 2	'SR' 35+09.66	34.69 LT	INSTALL VIDEO DETECTION CAMERA PER MANUFACTURER SPECIFICATION. INSTALL EVDG ON SIGNAL HEAD. INSTALL R73-5 (CA) ON SIGNAL MAST ARM. INSTALL G7-1 (CA) ON STANDARD DIRECTLY ABOVE SIGNAL MAST ARM CONNECTION WITH STRAP & SADDLE BRACKET METHOD. F=20'
rs.uwg Eujour	E	19A-3-100	30	15	2	MAS-4B	2	SV-1-T					ROADWAY 2	'SR' 33+82.54	58.37 RT	INSTALL VIDEO DETECTION CAMERA PER MANUFACTURER SPECIFICATION. INSTALL EVDb ON SIGNAL HEAD. INSTALL R73-2 (CA) ON SIGNAL MAST ARM. INSTALL G7-1 (CA) ON STANDARD DIRECTLY ABOVE SIGNAL MAST ARM CONNECTION WITH STRAP & SADDLE BRACKET METHOD.
م احت	F	PBA									2	-		'SR' 33+82.62	47.25 RT	INSTALL APS SIGN.
3 / 01 (0	<u>©</u>	1-B					4 8	TV-2-T	2	SP-1-T				'SR' 33+69.76	48.89 RT	
CADD THES SHEET	\oplus	26A-3-100	45	15	8	MAS	8	SV-1-T	8	SP-1-T			ROADWAY 2	'SR' 33+55.11		INSTALL VIDEO DETECTION CAMERA PER MANUFACTURER SPECIFICATION. INSTALL CCTV ON STANDARD. INSTALL EVDc ON SIGNAL HEAD. INSTALL G7-1 (CA) ON STANDARD DIRECTLY ABOVE SIGNAL MAST ARM CONNECTION WITH STRAP & SADDLE BRACKET METHOD.
, wy	(1)	PBA									2	-		'SR' 33+77.46	53.86 LT	INSTALL APS SIGN.
Japrille	<u>J</u>	1-B					2	TV-1-T	2	SP-1-T	8	-		'SR' 33+96.15	76.84 LT	INSTALL APS ON 1-B POLE.

LEGEND:

OTHER REQUIREMENTS ARE COVERED BY NOTES, LEGEND, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS. FOR TYPE OF STANDARD AND VEHICLE SIGNAL MOUNTING, SEE CALTRANS STANDARD PLANS.

** FINAL LOCATION WILL BE DETERMINED BY THE ENGINEER.



DH

CONDUCTOR & CONDUIT SCHEDULE RUN No. AWG SIZE OR CABLE TYPE POLE OR 2 <u>6</u> \triangle $\sqrt{3}$ <u></u> \triangle PHASE Ø (FUTURE) POLE (A) POLE (B) 5, 6, 6P POLE (C) 2, 4, 5 POLE 12/3 POLE (E) CONDÚCTOR POLE SIGNAL **CABLES** POLE (G) POLE (H) POLE (1) 4PBA 4, 6P POLE (J) 6PBA TOTAL CABLES 12/3 CONDUCTORS LIGHTING (240V) #8 2 2 2 #6 CONTROLLER SERVICE (120V) 2 212L, 213L, 5J9U 3 3 3 3 **DETECTOR** 414L, 414U, 416L, 416U CABLE 6J2U, 6J3U 2 2 (DLC) 2 5 5 5 9 5 TOTAL VIDEO DETECTION CAMERA CABLE 2 2 3 2 3 CCTV CAMERA CAT 8 CABLE CONDUIT 'A' 3" **3**" 3" 3" 3" 3" % FILL 0 15 15 24 12 17 5 CONDUIT 'B' 3" 3" 3" 2-3" 2-3" 3" | 2-3" | 2-3" | 3" % FILL 6 10 16 23 16 19 0 25 | 19 | 9

NOTES:

- CONDUIT 'A' SHALL CONTAIN UNSPLICEABLE CABLE TYPES (DLC, CAT 8, COAXIAL, EVD) AND BE PLACED IN PARALLEL WITH CONDUIT 'B' WHERE APPLICABLE.
- CONDUIT 'B' SHALL CONTAIN SIMPLE CIRCUITS (LIGHTING, 12/3 CONDUCTOR SIGNAL CABLES, SERVICE) AND BE PLACED IN PARALLEL WITH CONDUIT 'A' WHERE APPLICABLE.
- 3. APS SIGN SHALL BE R10-3eR OR R10-3eL.

LIGHTING CIRCUIT DIAGRAM

CTID No. 03250490012290

THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY

SIGNAL AND LIGHTING PLAN **INTERSECTION 3** SCALE : NONE

CU #### EA 03-0E961

DIAMOND SPRINGS PARKWAY

E-9

SHEET

PREPARED UNDER THE SUPERVISION OF 1/28/2025 DATE:



COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION

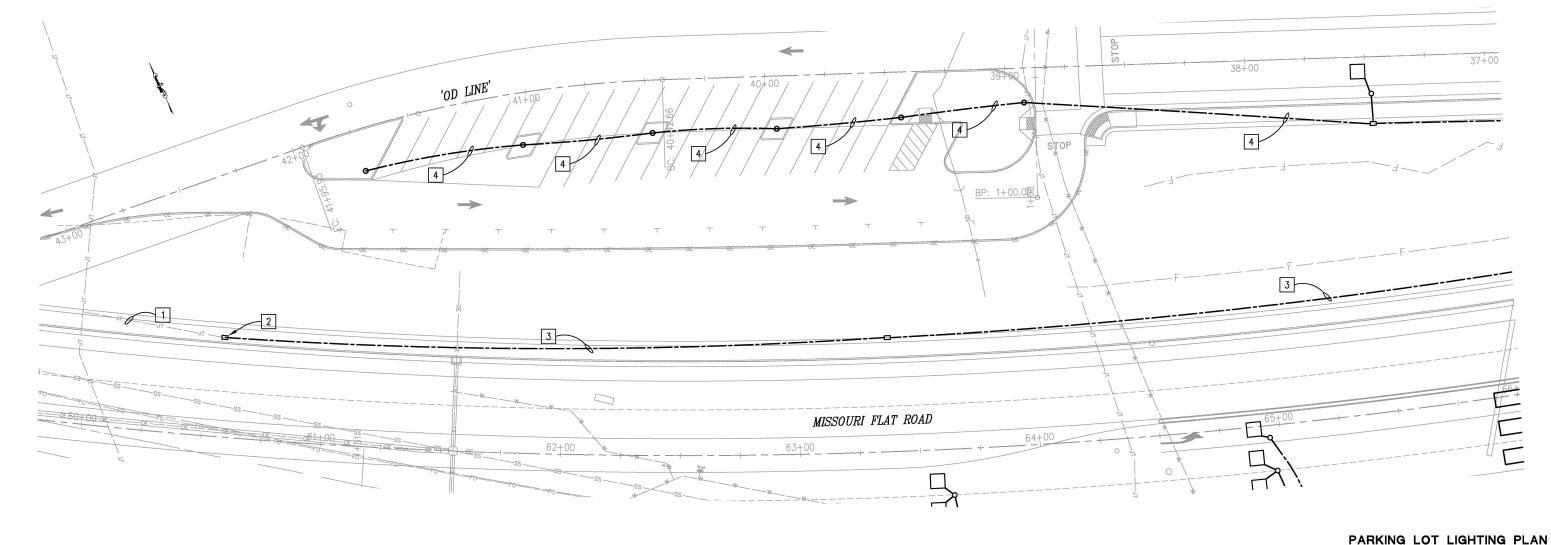
PHASE 1B 25-0053 F 35 of 46 W.O. No. 72334

PROJECT NOTES (FOR THIS SHEET ONLY):

- 1 EXIST 3"C, 3#4/0 AL (SERVICE) & 4"C (TELEPHONE)
- INSTALL PB AT EXISTING SERVICE TERMINATION. CAP 4"C (TELEPHONE) SERVICE. SPLICE 3#4/0 AL (SERVICE) TO EXISTING WIRE.
- 3"C, 3#4/0 AL (SERVICE)
- 4 2"C, 2#8 (240 V LIGHTING CIRCUIT 2)

<u>LEGEND</u>

DECORATIVE PARKING LOT LIGHT,
HOLOPHANE GRANVILLE LED POST-TOP ACORN
(MODEL No. GVD3-P50-40K-MVOLT-SPL-GL5-BK-XX-PN-TBK),
OR APPROVED EQUAL. SEE SHEET E-14 FOR DETAILS.



THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY

SCALE: 1" = 20'

CU #### | EA 03-0E961

SHEET E-10

DIAMOND SPRINGS PARKWAY
PHASE 1B
25-0053 F 36 of 46
25-0053 F 36 of 46

126 of 136 W.O. No. **72334**

NO. CONTRACTOR OF THE DESCRIPTION BY

o. C71517

REGISTERED CIVIL ENGINEER

TO THE SUPERVISION OF PREPARED UNDER THE SUPERVISION OF PREPARED UNDER

AN AN
HECKED: DATE:
DH 1/28/2025
OAD NUMBER:

1/28/2025 DATE:



- ASSET TABLES ARE PROVIDED FOR REFERENCE ONLY AND ARE NOT A BID ITEM.
- 2. THE ENGINEER WILL SUPPLY REQUESTED INFORMATION IN THE SPACES PROVIDED FOR THE AS-BUILT RECORD.
- 3. COORDINATES MUST BE PROVIDED IN DECIMAL FORMAT TO SIX DECIMAL PLACES.

LEGEND:

P = TRAFFIC SIGNAL (SIGNAL TYPE)

S = SURVEILLANCE CAMERA - CCTV (SIGNAL TYPE)

U = VEHICLE DETECTION SYSTEMS - CENSUS (SIGNAL TYPE)

V = VEHICLE DETECTION SYSTEMS - TMS (SIGNAL TYPE)

Z = NO MVP PRESENT (MVP DISPOSITION)

E = SIGNAL AND LIGHTING COMBO POLE (LIGHT TYPE)

LED = LIGHT EMITTING DIODE (FIXTURE TYPE)

03 ED

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SIGNAL ASSET IN/MODIFY TABLE

ASSET No.	TMS ID	ASSET TYPE	SIGNAL TYPE	SHEET No.	MODIFY OR NEW	СПО	CABINET TYPE	INCLUDES MVP?	ASSET TOTAL WATTS	MOUNT TYPE	CABINET LATITUDE	CABINET LONGITUDE	COMMENTS
EC056	5314	TRAFFIC SIGNAL	Р	E-7,8,9	NEW	03250490012290	342LX	Z	1000	N/A			
TV314	5315	CCTV	S	E-7,8	NEW	03250490012290	342LX	Z	100	N/A			

LIGHTING ASSET IN/MODIFY TABLE

ASSET No.	SHEET No.	MODIFY OR NEW	CTID	LIGHT TYPE	POLE TYPE	BASE TYPE	MAST ARM LENGTH	FIXTURE TYPE	DESIGN FIXTURE WATTAGE	INSTALLED FIXTURE WATTAGE	LATITUDE	LONGITUDE	COMMENTS
C850	E-7,8	NEW	03250490012290	E	19A-4-100	FIXED	15	LED	235				
C851	E-7,8	NEW	03250490012290	E	19A-3-100	FIXED	15	LED	235				
C852	E-7,8	NEW	03250490012290	E	26A-3-100	FIXED	15	LED	235				
C853	E-7,8	NEW	03250490012290	E	24A-3-100	FIXED	15	LED	235				

SERVICE EQUIPMENT IN/MODIFY/OUT TABLE

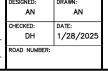
CTID	SHEET No.	NEW MODIFY OR REMOVE?	MAINTENANCE RESPONSIBILITY	UTILITY ACCOUNT OWNER	SUBPANEL?	CABINET TYPE	PHASE/WIRE	INPUT VOLTAGE	OUTPUT VOLTAGE	TRANSFORMER STEP UP/DOWN & KVA	UTILITY CO.	METER No.	ACCOUNT No.	LATITUDE	LONGITUDE	COMMENTS
03250490012290	E-7,8,9	NEW	CALTRANS	EL DORADO COUNTY	N	III-AF	1/3	120/240	120/240	N/A	PGEC					

SIGNAL AND LIGHTING DETAILS

THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY

SCALE : NONE CU #### EA 03-0E961

PREPARED UNDER THE SUPERVISION OF : 1/28/2025 DATE:

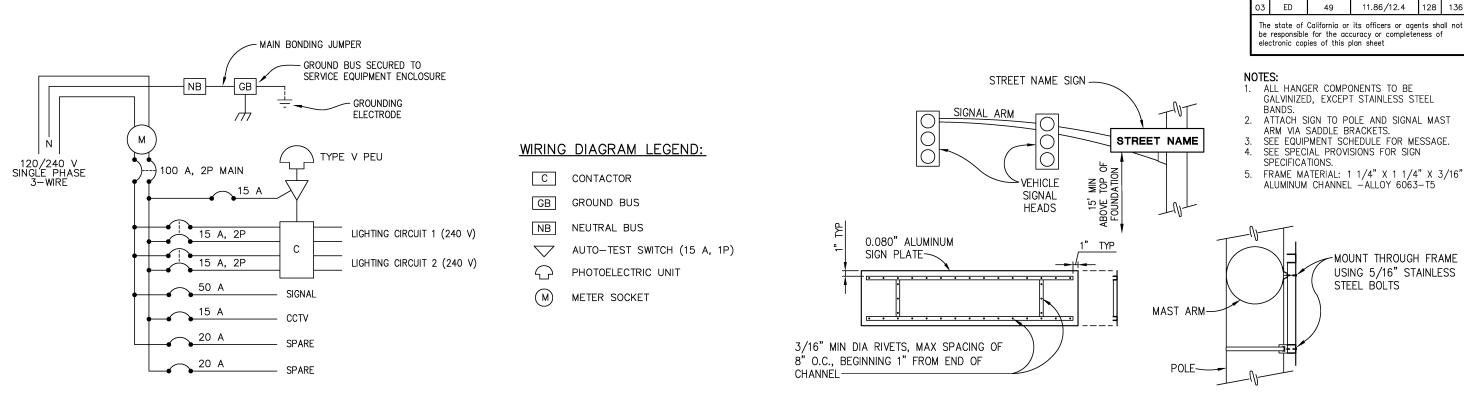




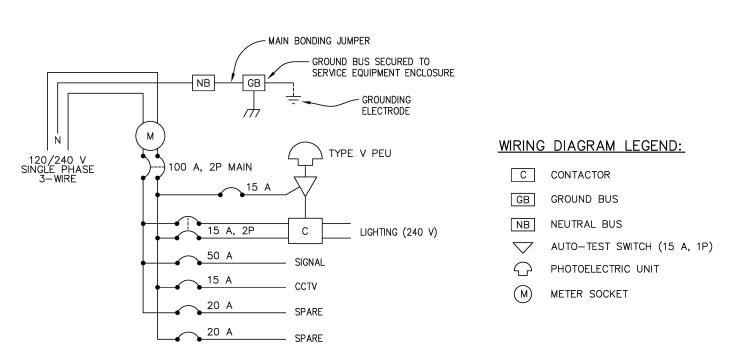
COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION DIAMOND SPRINGS PARKWAY

PHASE 1B 25-0053 F 37 of 46 W.O. No. 72334

E-11







INTERSECTIONS 2 & 3 SERVICE EQUIPMENT WIRING DIAGRAM

NO SCALE

SIGNAL AND LIGHTING DETAILS SCALE : NONE

CU ####

49

11.86/12.4

MOUNT THROUGH FRAME

USING 5/16" STAINLESS

STEEL BOLTS

THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY

STREET NAME SIGN MOUNTING DETAIL

NO SCALE

E-12 128 of 136 72334

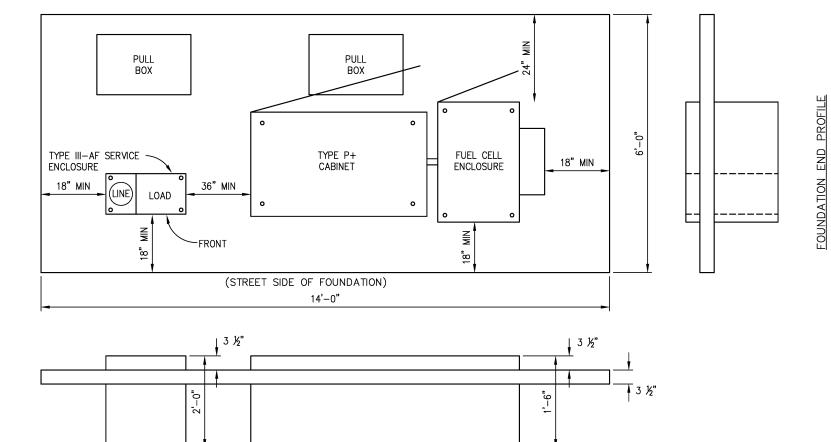
SHEET

EA 03-0E961

PARED UNDER THE SUPERVISION OF AN COUNTY OF EL DORADO HECKED: DH 1/28/202 DEPARTMENT OF TRANSPORTATION 1/28/2025 DATE: OAD NUMBER

DIAMOND SPRINGS PARKWAY PHASE 1B

25-0053 F 38 of 46 wo. No



IN ADDITION TO MEETING ALL CURRENT CALTRANS SPECIFICATIONS, THE FOUNDATION FOR THE ELECTRICAL SYSTEMS CONTROLLER CABINET SHALL MEET THE FOLLOWING EL DORADO COUNTY SPECIAL PROVISIONS:

- ANCHOR BOLTS AND 10' GROUND ROD FOR SERVICE AND CONTROLLER ENCLOSURES TO BE INSTALLED PER STANDARD PLANS ES-2D AND
- 2. PULL BOXES SHALL NOT BE LOCATED IN PEDESTRIAN TRAVELWAY (SIDEWALK).
- 3. CABINET DOORS SHALL NOT PROTRUDE INTO PEDESTRIAN TRAVELWAY (SIDEWALK) WHEN OPEN.
- 4. IN NO CASE SHALL THE SIGNAL CABINET, BATTERY BACKUP CABINET OR SERVICE CABINET BE LESS THAN FOUR (4) FEET FROM THE EDGE OF PAVEMENT OR TOP BACK OF CURB, WHICH EVER IS

FOUNDATION SIDE PROFILE

TYPICAL SIGNAL CONTROLLER PAD

NO SCALE

SIGNAL AND LIGHTING DETAILS SCALE : NONE

CU ####

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DIAMOND SPRINGS PARKWAY PHASE 1B 25-0053 F 39 of 46 W.O. No. 72334

E-13

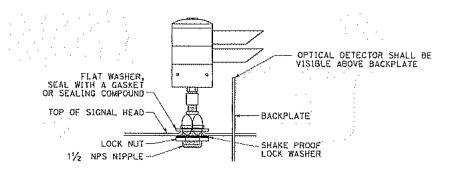
SHEET

EA 03-0E961

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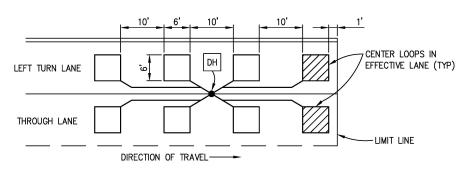
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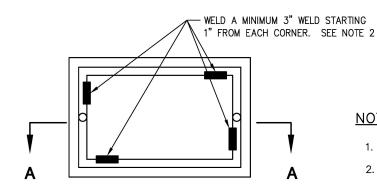


OPTICAL DETECTOR MOUNTING FOR **EMERGENCY VEHICLE DETECTION**

NO SCALE



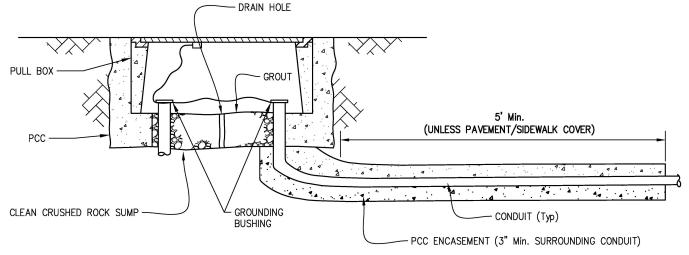
TYPICAL DETECTOR LOOP LAYOUT NO SCALE



TOP VIEW

NOTES ON PULL BOXES:

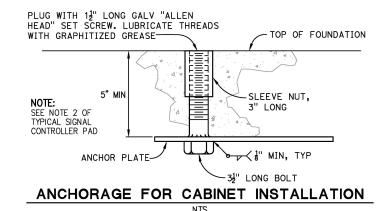
- 1. FOR ADDITIONAL DETAILS, SEE STANDARD PLAN ES-8B.
- 2. PULL BOXES SHALL NOT BE WELDED, RATHER SHALL USE SECURITY BITS (BRYCE FASTENERS PENTA PLUS 1/2-13 HI TORQUE P62 OR
- 3. A PULL BOX FOR A POST OR A POLE STANDARD MUST BE LOCATED WITHIN 5 FEET OF THE STANDARD.

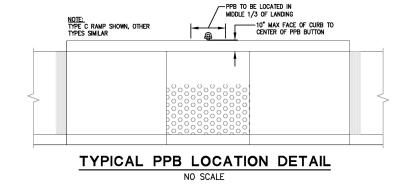


SECTION A-A

TRAFFIC PULL BOX

NO SCALE





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SIGNAL AND LIGHTING DETAILS SCALE : NONE EA 03-0E961 CU ####

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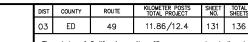
DIAMOND SPRINGS PARKWAY

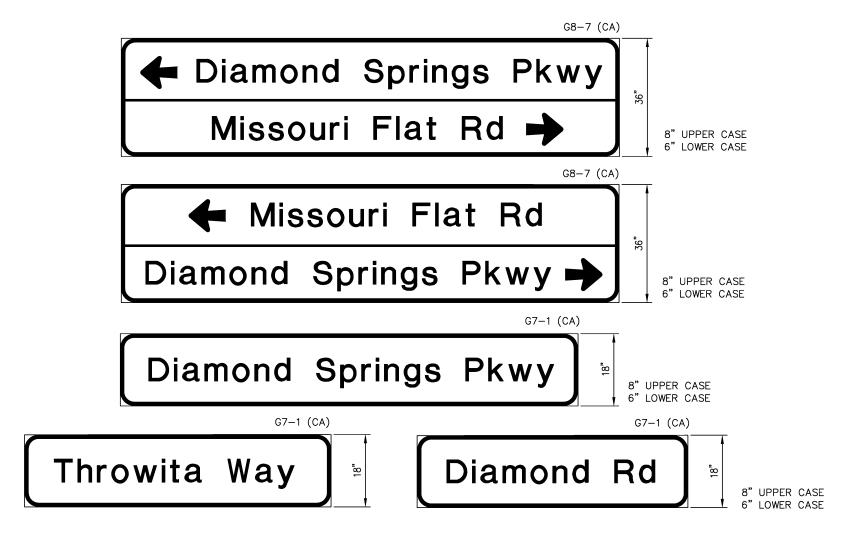
E-14 130 of 136 72334

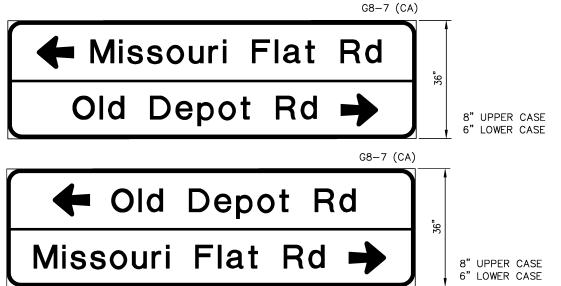
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1/28/2025 DATE:

PHASE 1B 25-0053 F 40 of 46 W.O. No.







STREET NAME SIGN PANELS

NO SCALE

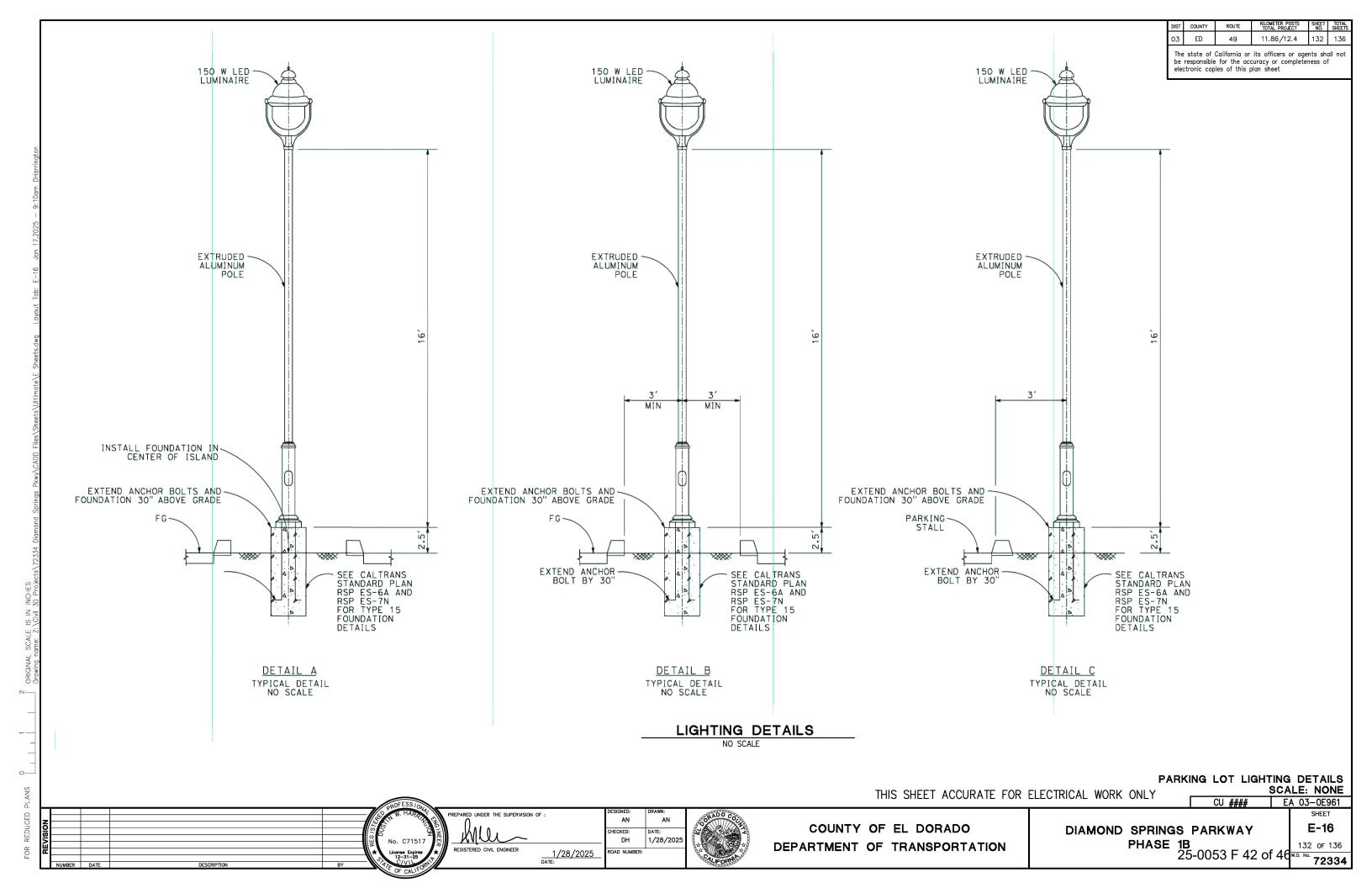
SIGNAL AND LIGHTING DETAILS SCALE : NONE

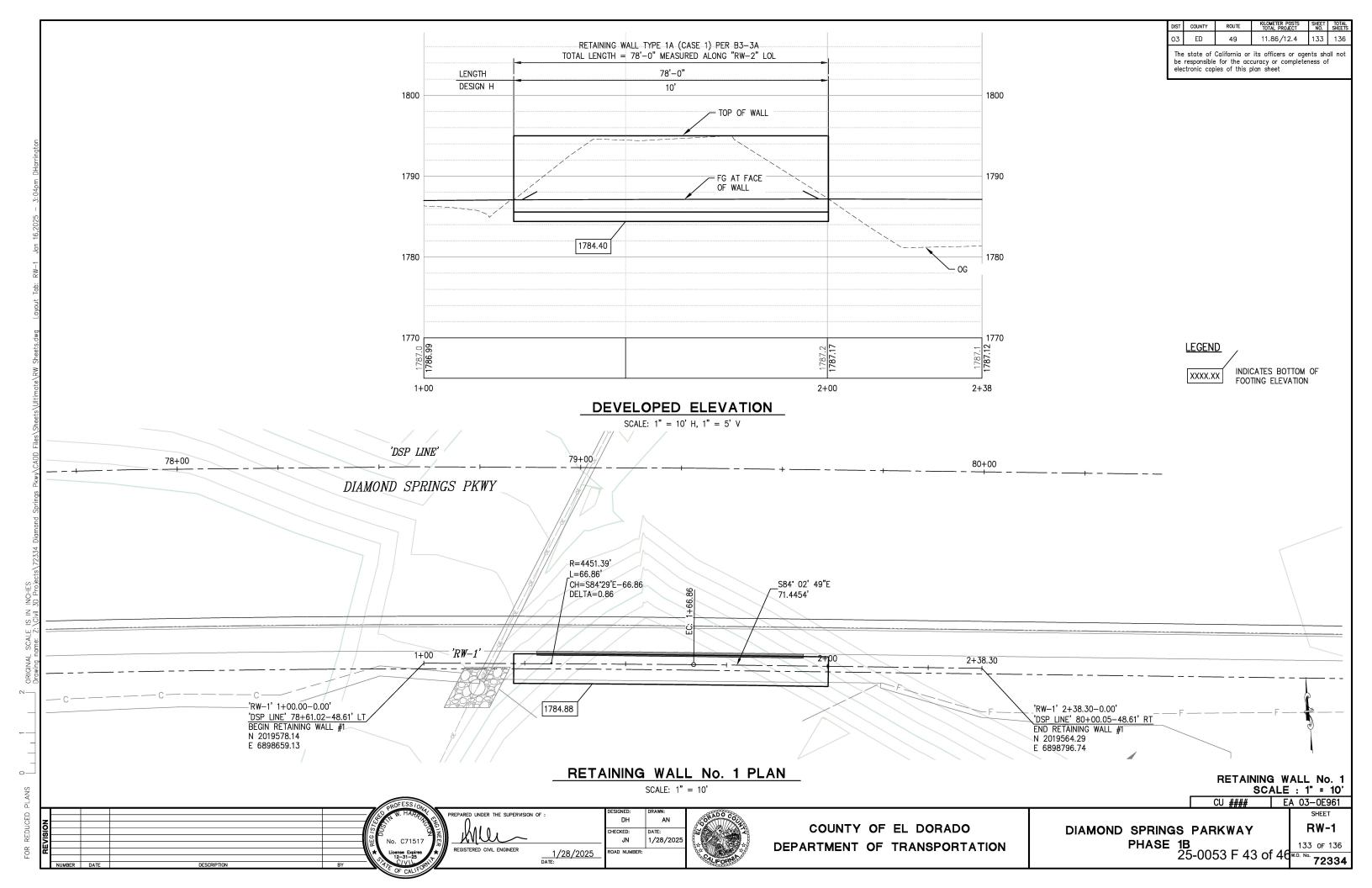
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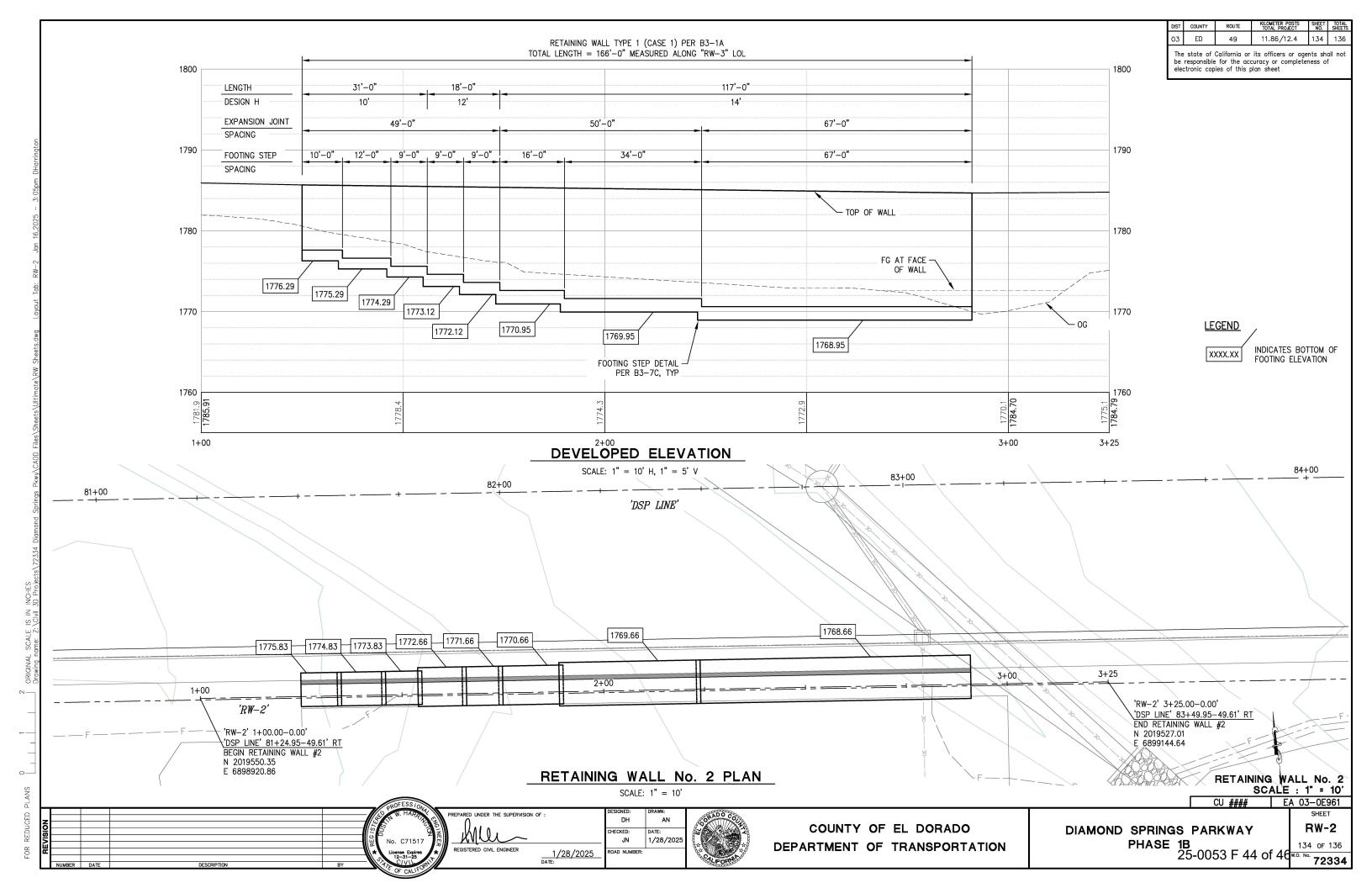
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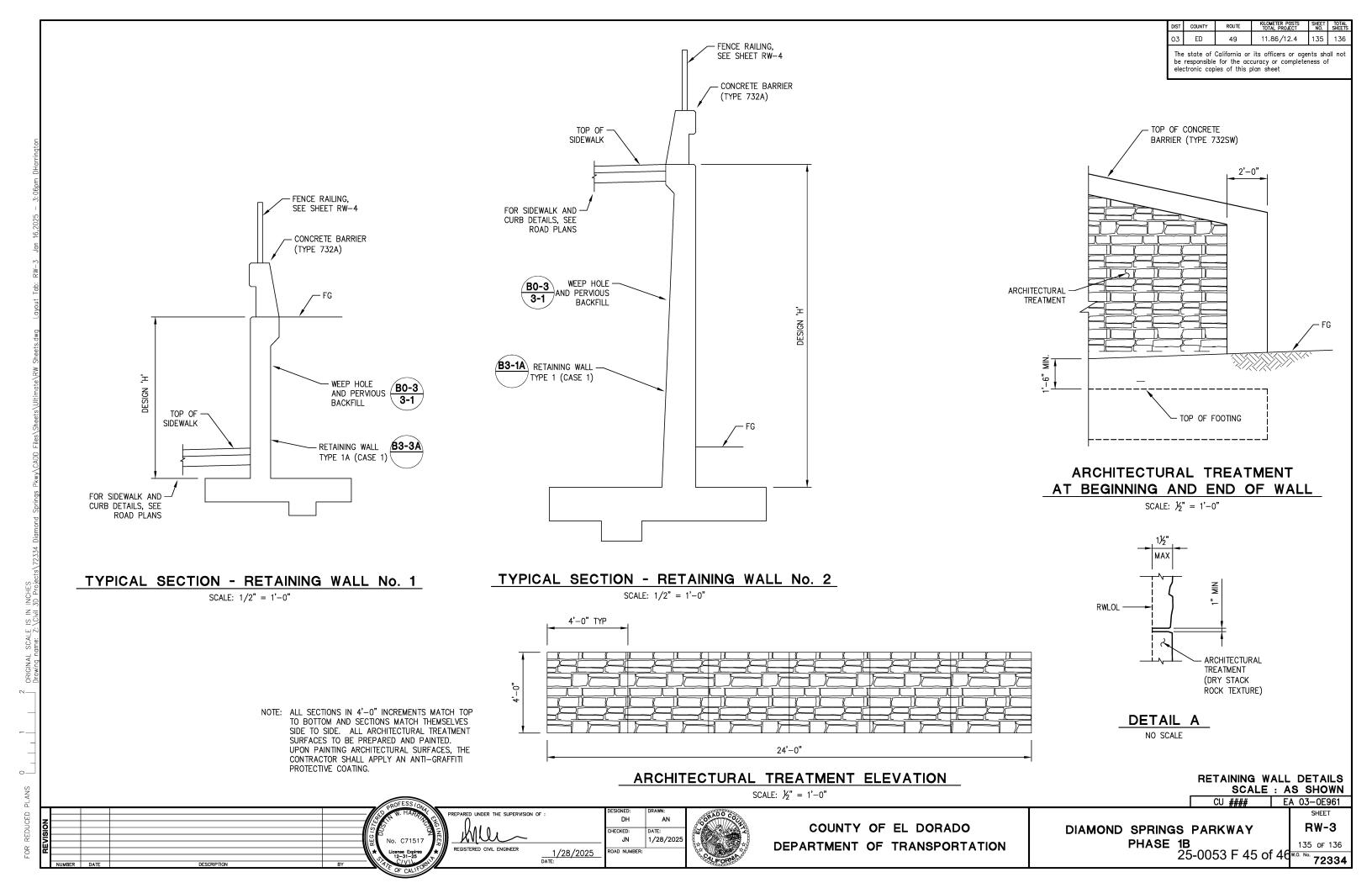
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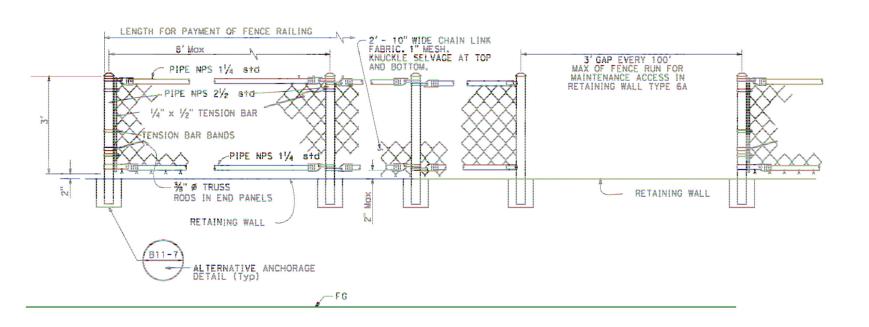






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FENCE RAILING DETAIL

NO SCALE

1/28/202

RETAINING WALL DETAILS SCALE: NONE

EA 03-0E961 CU ####

DIAMOND SPRINGS PARKWAY PHASE 1B 25-0053 F 46 of 46 W.O. No. 72334

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