

ABBREVIATIONS

DESIGN NOTES

CIP	PC
$f'_c=3.6$ ksi	$f'_c=5.0$ ksi

- # 1 STORM DRAIN MANHOLE DETAIL SHEET 1 OR 2

DD-1 NO SCALE

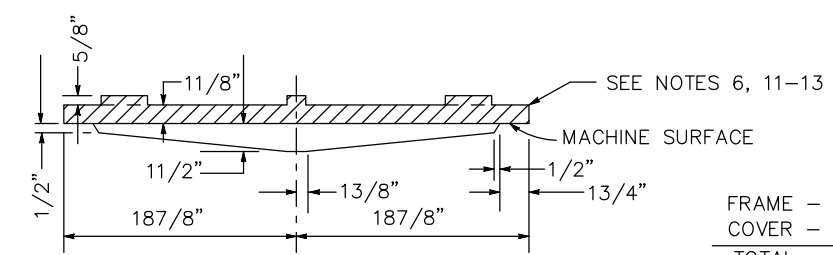
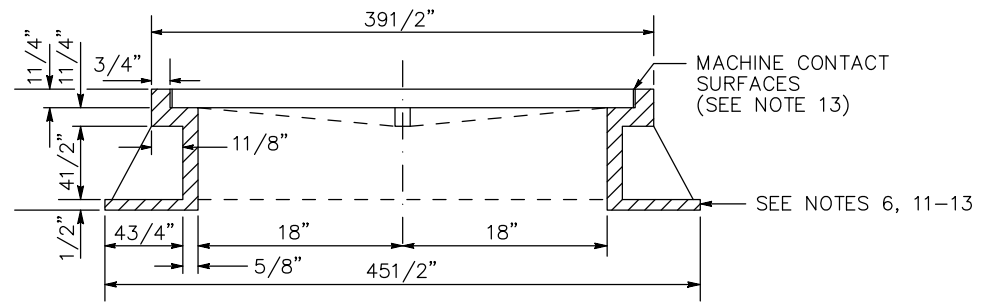
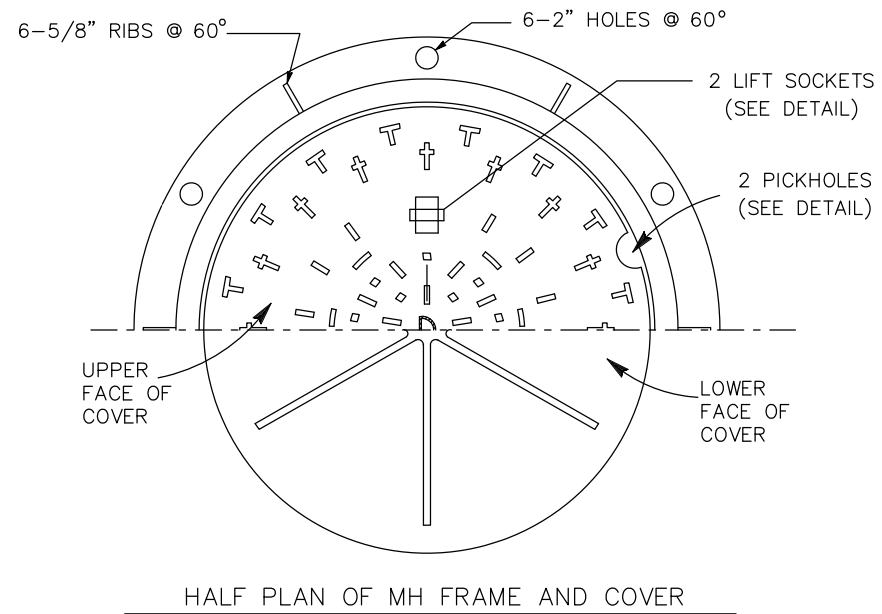
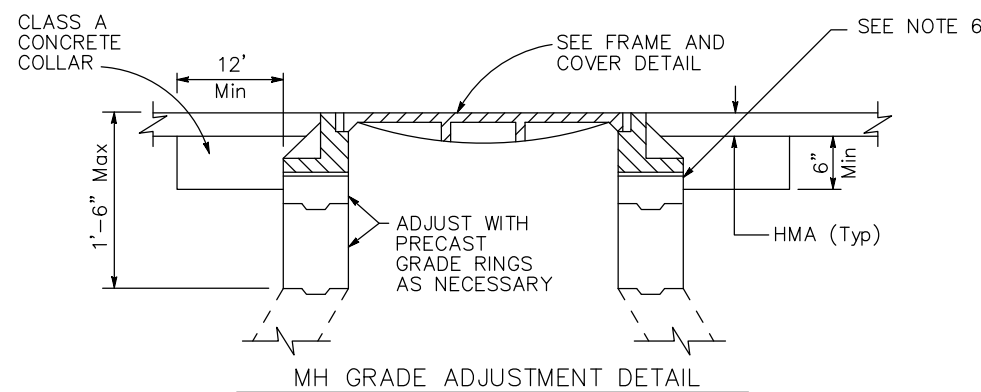
DRAINAGE DETAILS
SCALE: AS SHOWN

SHEET
DD-1
79 OF 136
W.O. No. **72334**

25-0053 Revised F 1 of 58

ORIGINAL SCALE IS IN INCHES
Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\DD-2.dwg Layout Tab: DD-2 Jan 17, 2025 12:20am D:\harrington

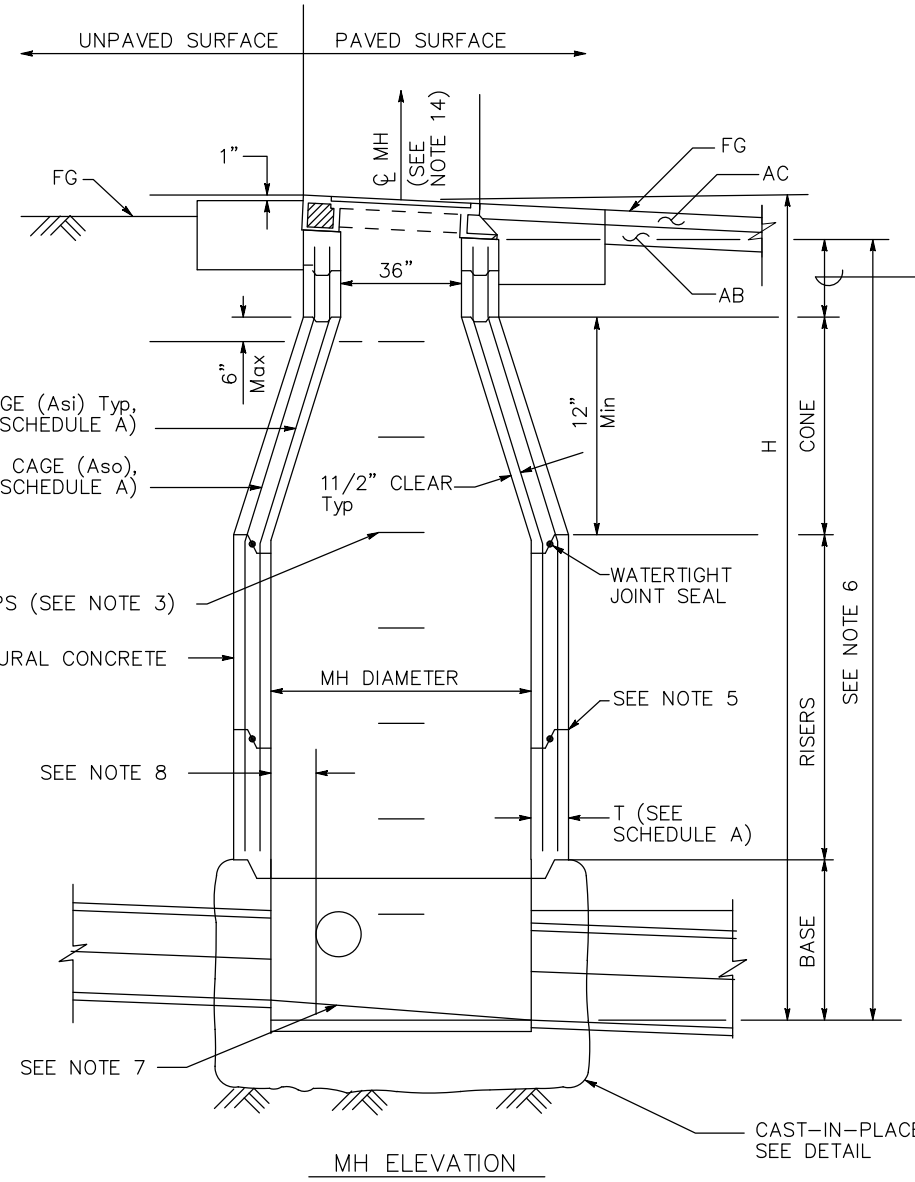
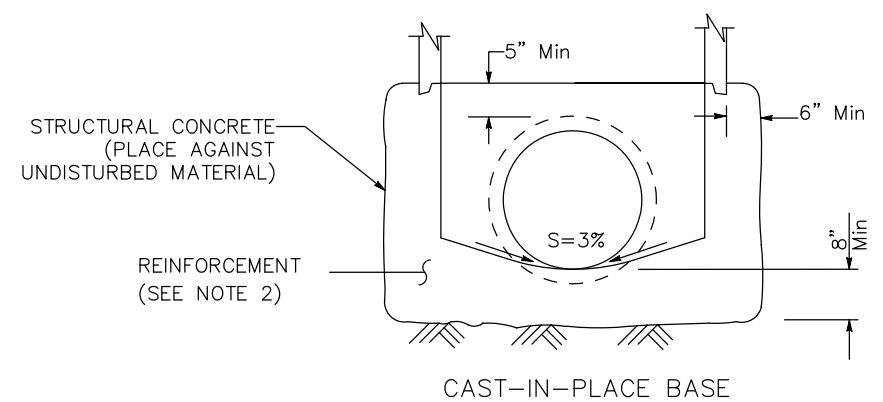
FOR REDUCED PLANS
2
1
0



FRAME - 300 LBS.
COVER - 375 LBS.
TOTAL 675 LBS.

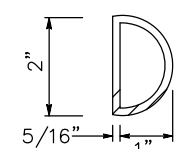
APPROX WEIGHTS

MANHOLE FRAME AND COVER DETAIL

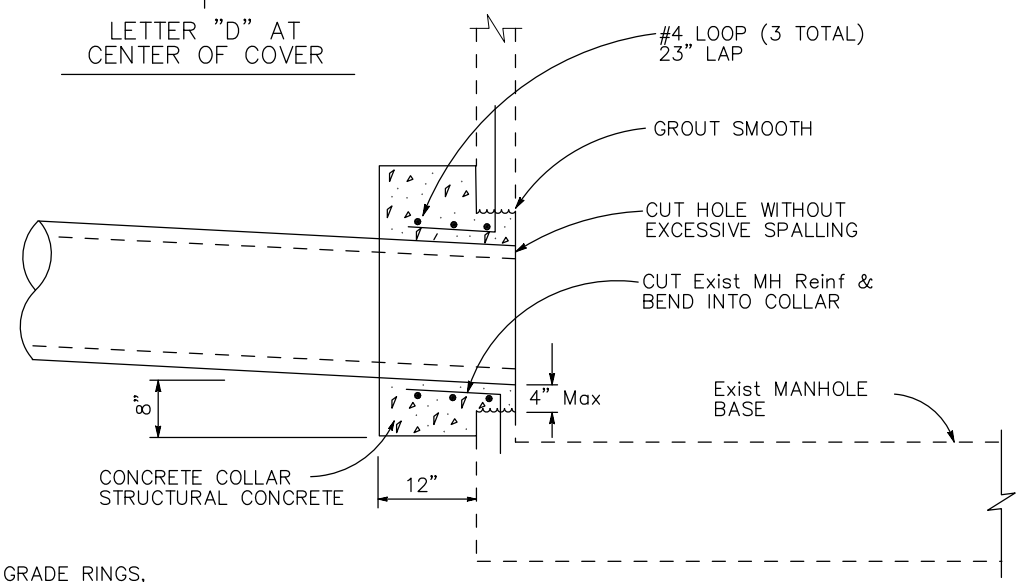


STORM DRAIN MANHOLE DETAIL SHEET 2 OR 2

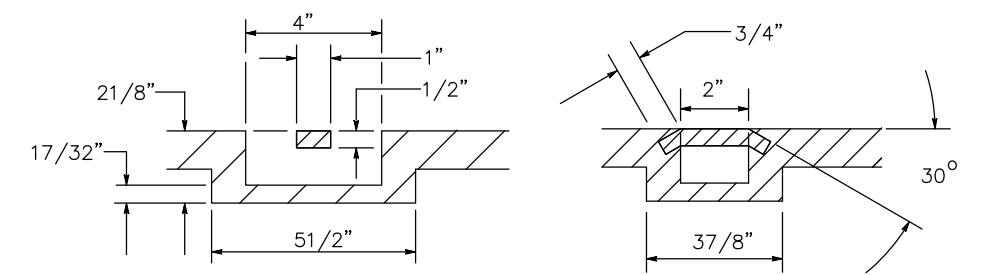
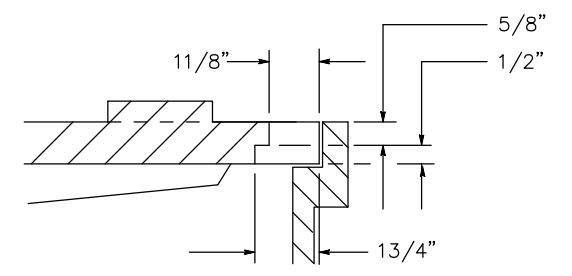
NO SCALE



LETTER "D" AT CENTER OF COVER



CONNECTION TO EXIST MH (3a)



LIFT SOCKET DETAIL

DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	80	136

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THIS SHEET ACCURATE FOR DRAINAGE WORK ONLY

DRAINAGE DETAILS
SCALE: AS SHOWN

CU ### EA 03-0E961

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF:

REGISTERED CIVIL ENGINEER
1/28/2025
DATE:

DESIGNED: DH
DRAWN: AN
CHECKED: JN
DATE: 1/28/2025
ROAD NUMBER:



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

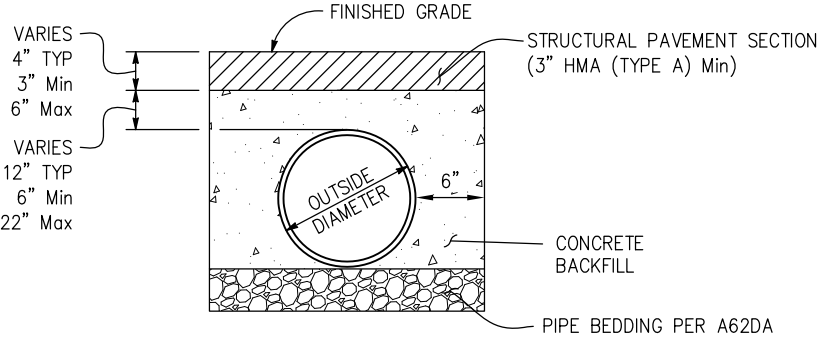
SHEET
DD-2
80 OF 136
W.O. No. 72334

ORIGINAL SCALE IS IN INCHES
Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\0 Sheets.dwg Layout Tab: DD-3 Jan 17,2025 -- 12:19pm Dharrington

FOR REDUCED PLANS

2
1
0

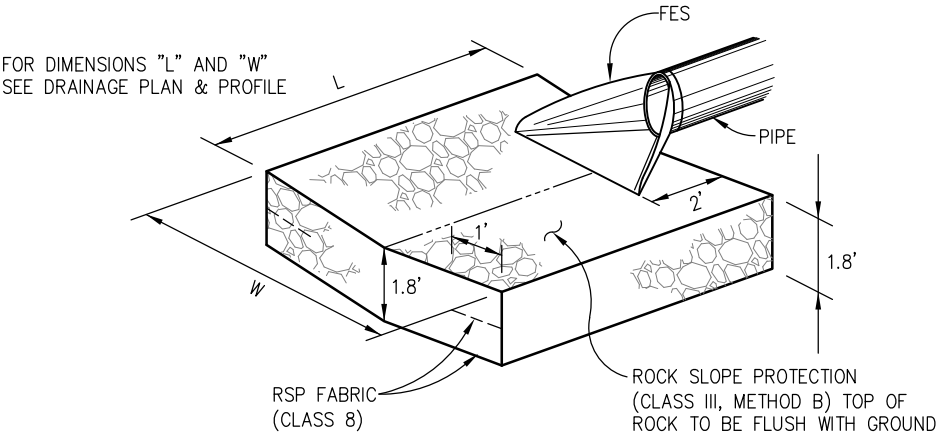
DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	81	136
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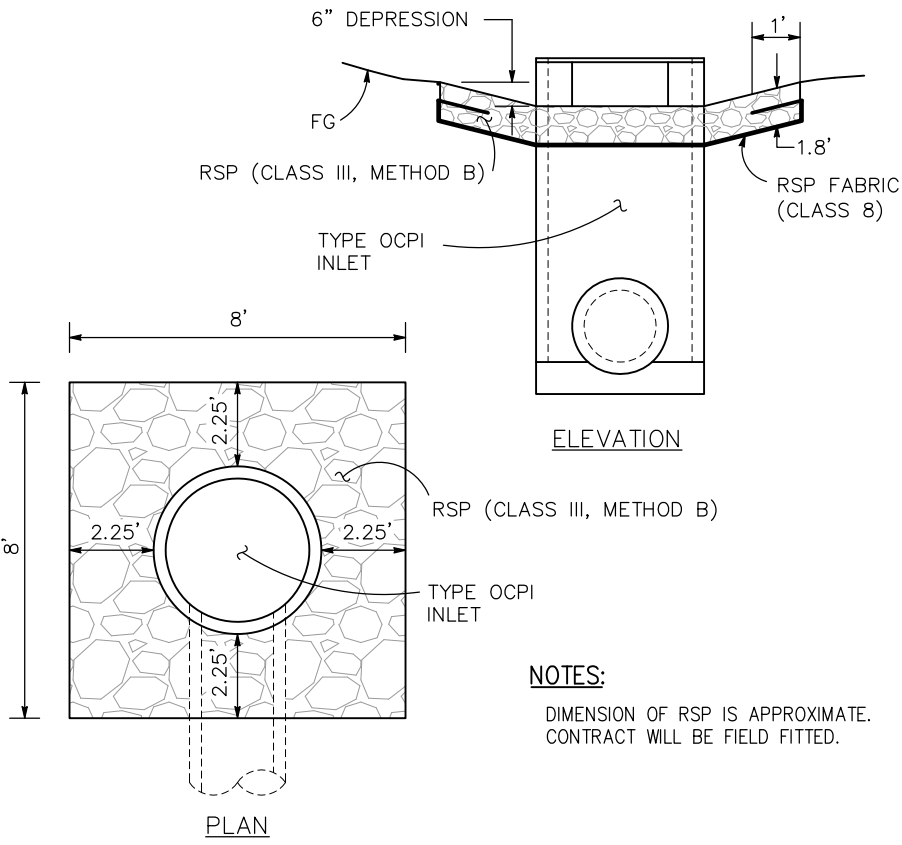
NOTES:

1. USE AT ALL LOCATIONS WHERE CONCRETE BACKFILL (PIPE TRENCH) IS INDICATED ON DRAINAGE PLANS.

2 CONCRETE BACKFILL (PIPE TRENCH) DETAIL
DD-3 NO SCALE 1d 2f 7g



4 ROCK ENERGY DISSIPATOR
DD-3 NO SCALE 4d 5c 7f 7h 8b



3 RSP DETAILS FOR OCPI
DD-3 NO SCALE 3p 3q 7g

THIS SHEET ACCURATE FOR DRAINAGE WORK ONLY

DRAINAGE DETAILS SCALE: AS SHOWN

CU #### EA 03-0E961



PREPARED UNDER THE SUPERVISION OF :
[Signature]
REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: DH
DRAWN: AN
CHECKED: JN
DATE: 1/28/2025
ROAD NUMBER:



**COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION**

**DIAMOND SPRINGS PARKWAY
PHASE 1B**

SHEET
DD-3
81 OF 136
W.O. No. **72334**

2
1
0
FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES
Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\0 Sheets.dwg Layout Tab: DQ-1 Jan 17,2025 -- 12:19pm Dharrington

DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	82	136
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SYSTEM No.	SHEET No.	DRAINAGE UNIT	48" SDMH	DI (TYPE GO)	DI (TYPE OCPI)	12" RCP	12" PP	18" PP	24" PP	36" PP	60" RCP	12" FES	18" FES	24" FES	36" FES	HEADWALL	RSP (BACKING No. 1, METHOD B)	RSP FABRIC (CLASS 8)	NOTES		
			(EA)	(EA)	(EA)	(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	(EA)	(EA)	(EA)	(EA)	(EA)	(CY)	(SY)			
1	D-3	a																	Existing 48" SDMH		
		b							213												
		c	1																		
		d							252												
		e	1																		
2	D-4	a		1				35													
		b						35													
		c																			
d			1																		
3		a		1																	
		b							35												
		c							35												
4	D-5	d		1																	
		a		1																	
		b							58												
		c		1																	
		d							78												
5	D-6	e		1																	
		f															6.67	11.11			
		a															4.67	7.78			
		b											1								
		c					36														
d												1									
6		e															4.67	7.78			
		a		1																	
		b							35												
	c	1																			
7	D-7	d						35													
		e		1																	
		f				1															
		g															6.67	11.11			
		h							44												
		i		1																	
		j							90												
		k		1																	
		l							27												
		m												1							
		n															6.67	11.11			
		SUB-BID QUANTITY			3	12	1	36	0	624	465	0	0	2	2	0	0	0	36	60	

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



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: DH
CHECKED: JN
ROAD NUMBER:
DRAWN: AN
DATE: 1/28/2025



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
DQ-1
82 OF 136
W.O. No. 72334

ORIGINAL SCALE IS IN INCHES
Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\0 Sheets.dwg Layout Tab: DQ-2 Jan 17,2025 -- 12:18pm Dharrington

2
1
0

FOR REDUCED PLANS

DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	83	136
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SYSTEM No.	SHEET No.	DRAINAGE UNIT	48" SDMH	DI (TYPE GO)	DI (TYPE OCPI)	12" RCP	12" PP	18" PP	24" PP	36" PP	60" RCP	12" FES	18" FES	24" FES	36" FES	HEADWALL	RSP (BACKING No. 1, METHOD B)	RSP FABRIC (CLASS 8)	NOTES
			(EA)	(EA)	(EA)	(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	(EA)	(EA)	(EA)	(EA)	(EA)	(CY)	(SY)	
8	D-8	a															10.00	16.67	
		b													1				
		c									54								
		d			1														
		e															10.00	16.67	
		f									12								
		g		1															
		h									35								
		i	1																
		j									35								
		k		1															
		l									54								
		m														1			
		n																10.00	16.67
9	D-9	a							139										
		b							196										
		c	1																
10	D-10	a		1															
		b						35											
		c						35											
		d		1															
11	D-10	a															6.67	11.11	
		b			1														
		c							144										
		d												1					
12	D-11	e															10.00	16.67	
		a		1															
		b						41											
		c	1																
13	D-11	d						41											
		e		1															
		a															10.00	16.67	
		b													1				
		c																	
14	D-12	d									109								
		e									154								
		f													1				
		a		1													10.00	16.67	
		b						73											
		c		1															
SUB-BID QUANTITY			3	8	2	0	0	225	479	190	263	0	0	1	2	2	67	111	

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DRAINAGE QUANTITIES
SCALE: NONE

CU #### EA 03-0E961

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: DH DRAWN: AN
CHECKED: JN DATE: 1/28/2025
ROAD NUMBER:



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
DQ-2
83 OF 136
W.O. No. 72334

2
1
0
FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES
Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\0 Sheets.dwg Layout Tab: DQ-3 Jan 17,2025 -- 12:18pm Dharrington

DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	84	136
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SYSTEM No.	SHEET No.	DRAINAGE UNIT	48" SDMH	DI (TYPE GO)	DI (TYPE OCPI)	12" RCP	12" PP	18" PP	24" PP	36" PP	60" RCP	12" FES	18" FES	24" FES	36" FES	HEADWALL	RSP (BACKING No. 1, METHOD B)	RSP FABRIC (CLASS 8)	NOTES
			(EA)	(EA)	(EA)	(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	(EA)	(EA)	(EA)	(EA)	(EA)	(CY)	(SY)	
15		a															6.67	11.11	
		b	1																
		c							7										
		d		1															
		e							15										
		f	1																
		g							15										
		h		1															
		i							12										
	j																	Existing 60" SDMH	
16	D-13	a		1															
		b						18											
		c	1																
		d						37											
		e	1																
17	D-14	a															6.67	11.11	
		b	1																
		c						21											
		d		1															
		e						12											
		f						12											
		g		1															
18		a		1															
		b					27												
		c		1															
	d					9													
	e										1								
	f															2.33	3.89		
19	D-15	b						244											
20	D-16	a																	Existing 48" SDMH
		b							82										
		c							215										
21	D-18	a		1															
		b						44											
		c		1															
22	D-17	a	1																
		b						109											
		c		1															
		d						362											
		e		1															
23	D-18	a						58											
		b		1															
SUB-BID QUANTITY			6	12	0	0	36	917	346	0	0	1	0	0	0	0	16	26	

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DRAINAGE QUANTITIES
SCALE: NONE

CU ####

EA 03-0E961

COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
DQ-3
84 OF 136
W.O. No. 72334



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REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: DH
CHECKED: JN
ROAD NUMBER:
DRAWN: AN
DATE: 1/28/2025




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COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

SHEET
DQ-4
85 OF 136
No. **72334**

25-0053 Revised F 7 of 58



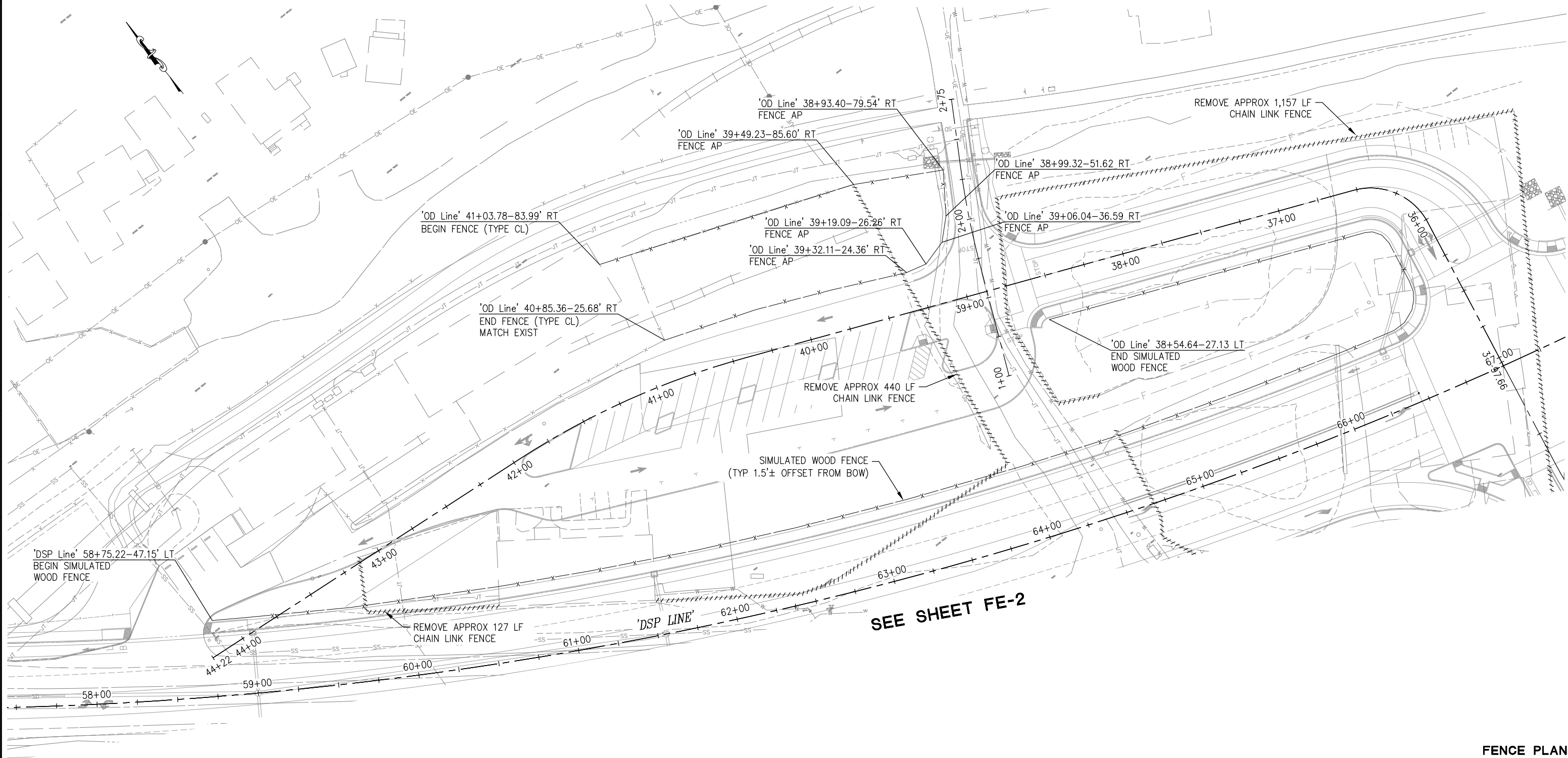
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DESIGNED: DH	DRAWN: AN
CHECKED: JN	DATE: 1/28/2025
ROAD NUMBER:	

DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	86	136

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THIS SHEET ACCURATE FOR FENCE WORK ONLY

FENCE PLAN
SCALE : 1" = 30'

CU #####	EA 03-0E961
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SHEET
FE-1


86 OF 136
W.O. No. **72334**

COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION



DESIGNED: AN	DRAWN: AN
CHECKED: DH	DATE: 1/28/2025
ROAD NUMBER:	

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0 1 2

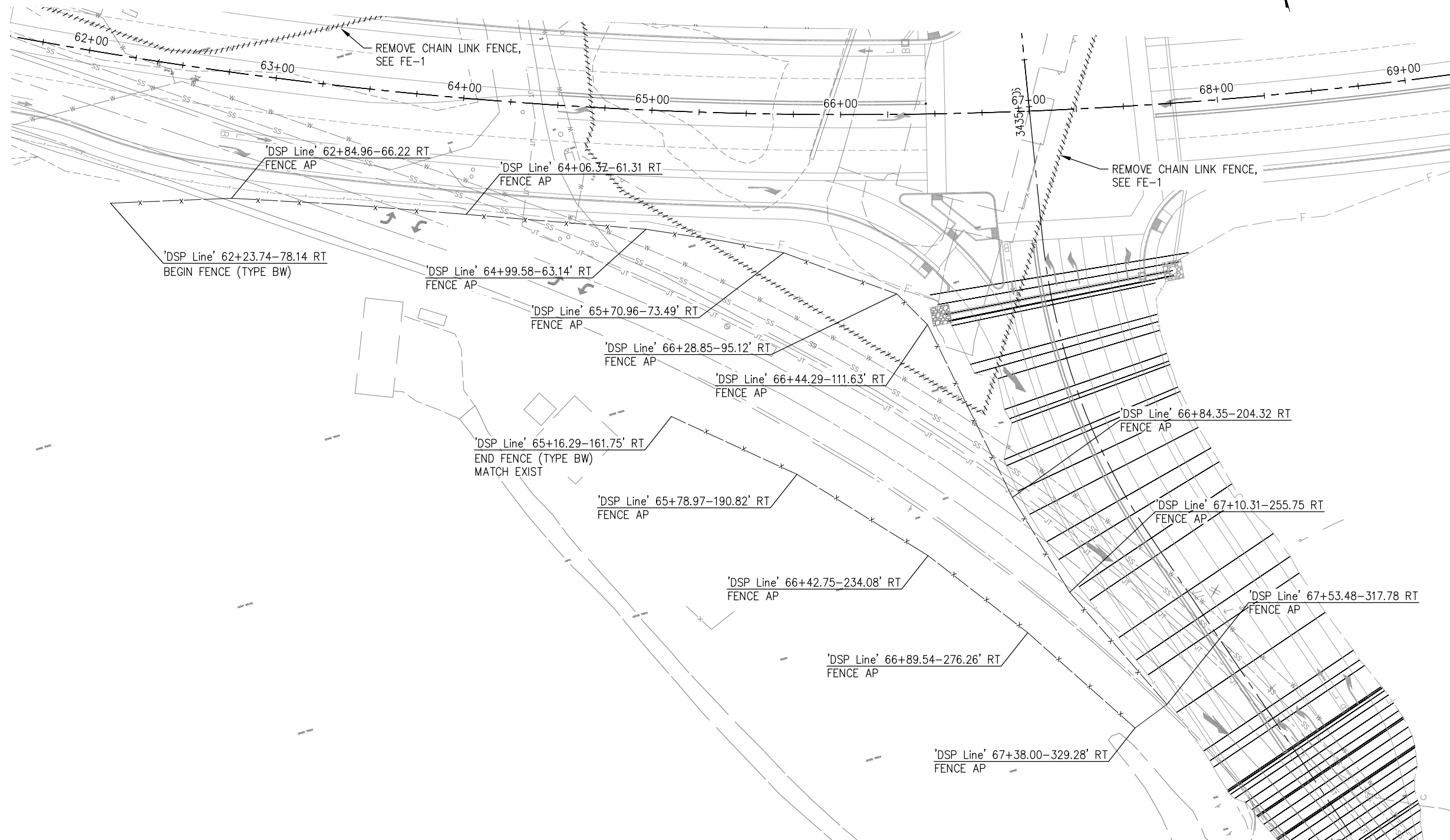
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DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	87	136

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THIS SHEET ACCURATE FOR FENCE WORK ONLY

FENCE PLAN
SCALE : 1" = 30'

CU #### EA 03-0E961

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DATE: 1/28/2025

DESIGNED: AN
CHECKED: DH
ROAD NUMBER:
DRAWN: AN
DATE: 1/28/2025



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

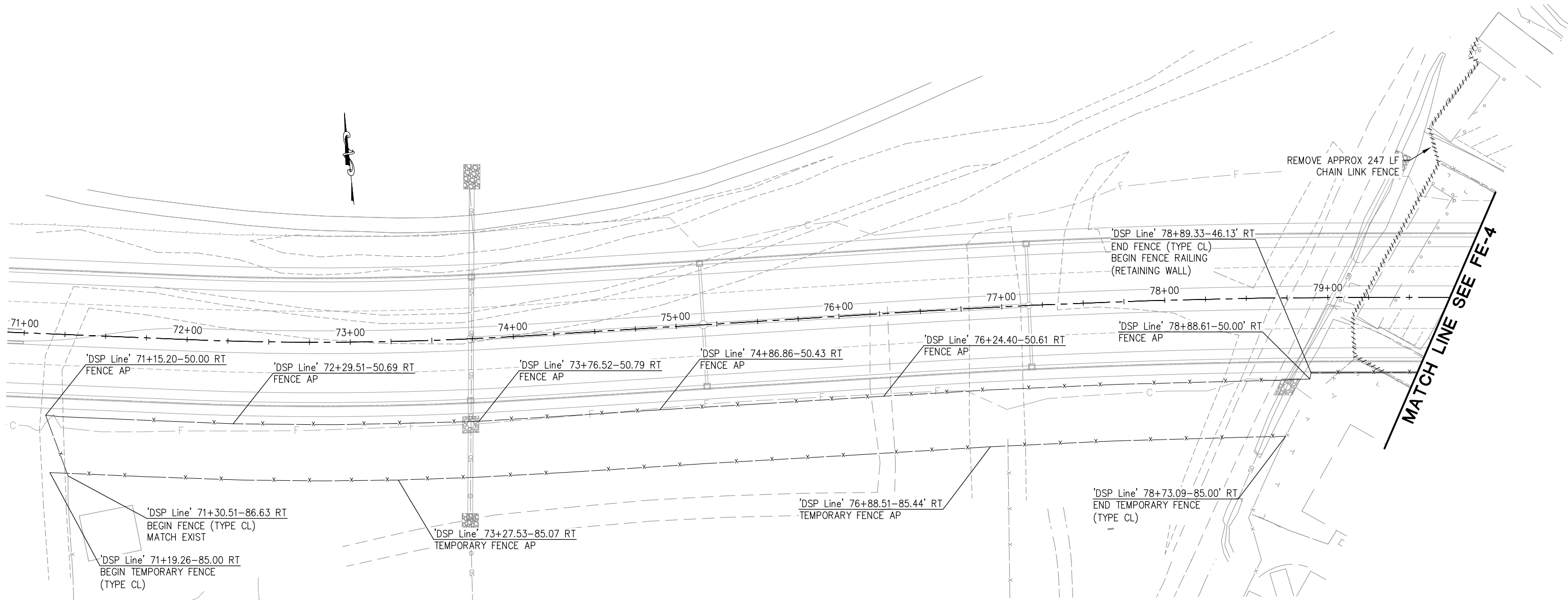
SHEET
FE-2
87 OF 136
W.O. No. 72334

ORIGINAL SCALE IS IN INCHES
Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\FE Sheets.dwg Layout Tab: FE-3 Jan 17, 2025 -- 8:53am Dharrington

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DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	88	136

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THIS SHEET ACCURATE FOR FENCE WORK ONLY

FENCE PLAN
SCALE : 1" = 30'

REVISION	NUMBER	DATE	DESCRIPTION	BY



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REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: AN
CHECKED: DH
ROAD NUMBER:
DRAWN: AN
DATE: 1/28/2025



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

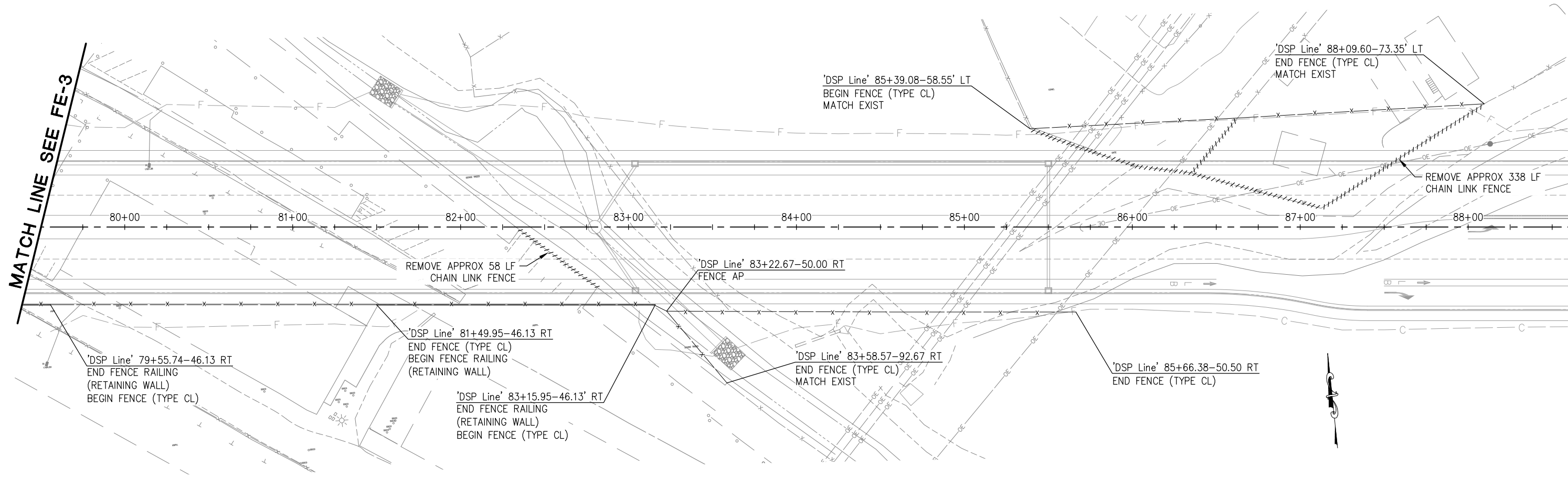
DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
FE-3
88 OF 136
W.O. No. 72334

ORIGINAL SCALE IS IN INCHES
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DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	89	136

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FOR REDUCED PLANS
0 1 2

THIS SHEET ACCURATE FOR FENCE WORK ONLY

FENCE PLAN
SCALE : 1" = 40'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :
[Signature]
REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: AN
CHECKED: DH
ROAD NUMBER:
DRAWN: AN
DATE: 1/28/2025

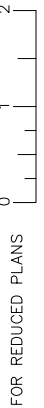


COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

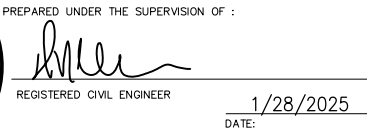
SHEET
FE-4
89 OF 136
W.O. No. 72334

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FENCE PLAN
SCALE : 1" = 30'

REVISION			
NUMBER	DATE	DESCRIPTION	BY



DESIGNED: AN	DRAWN: AN
CHECKED: DH	DATE: 1/28/2025
ROAD NUMBER:	



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

**DIAMOND SPRINGS PARKWAY
PHASE 1B**

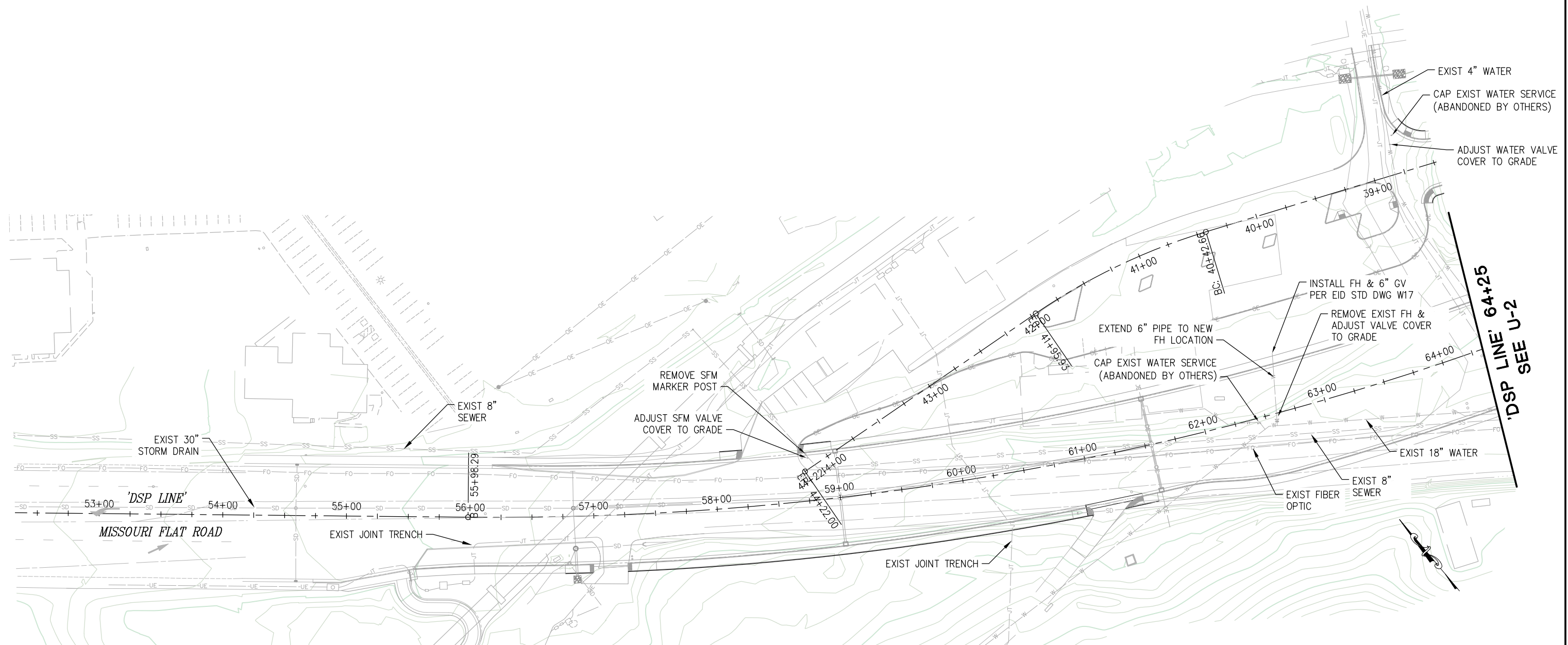
25-0053 Revised F 12 of 58

DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	91	136

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NOTES:

1. FIRE HYDRANTS BEHIND SIDEWALK TO BE INSTALLED WITH NOZZLE OUTLET 7' FROM CURB FLOWLINE. REFER TO EID STD DWG W18.



THIS SHEET ACCURATE FOR UTILITY WORK ONLY


UTILITY PLAN
SCALE : 1" = 40'

CU ####	EA 03-0E961
PARKWAY B	SHEET U-1 91 OF 136
	W.O. No. 72334

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NUMBER	DATE	DESCRIPTION	BY	



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DATE: 1/28/2025

DESIGNED: DH	DRAWN: AN
CHECKED: JN	DATE: 1/28/2025
ROAD NUMBER:	



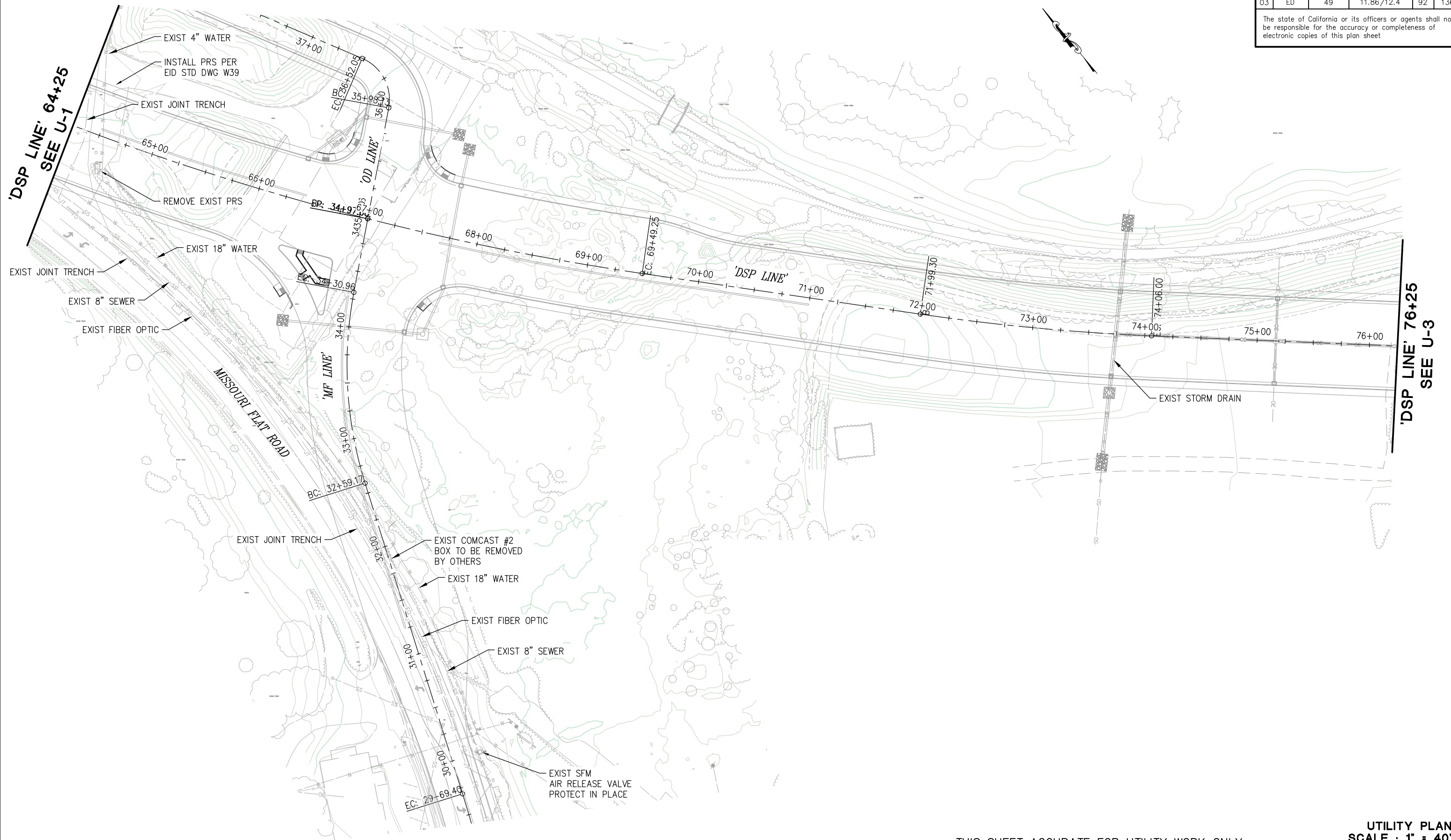
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DEPARTMENT OF TRANSPORTATION

**DIAMOND SPRINGS PARKWAY
PHASE 1B**

25-0053 Revised F 13 of 58

DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	92	136

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THIS SHEET ACCURATE FOR UTILITY WORK ONLY

UTILITY PLAN
SCALE : 1" = 40'

CU ####		EA 03-0E961
PARKWAY B		SHEET U-2
		92 OF 136 W.O. No. 72334

[illegible]

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DATE: 1/28/2025

DESIGNED: DH	DRAWN: AN
CHECKED: JN	DATE: 1/28/2025
ROAD NUMBER:	



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

**DIAMOND SPRINGS PARKWAY
PHASE 1B**

SHEET
U-2
92 OF 136
O. No. **72334**

25-0053 Revised F 14 of 58

FOR REDUCED PLANS



0 1 2

ORIGINAL SCALE IS IN INCHES

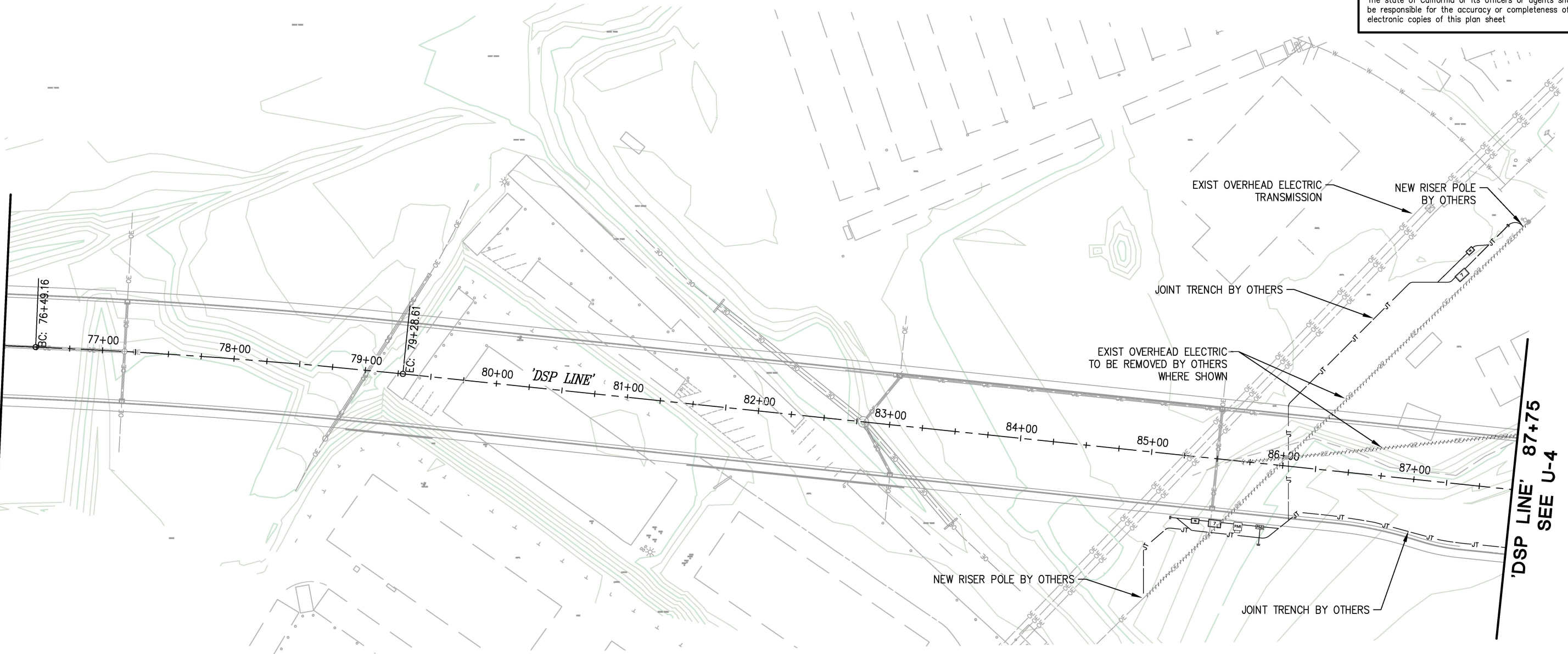
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FOR REDUCED PLANS
0 1 2
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DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	93	136

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'DSP LINE' 76+25
SEE U-2



'DSP LINE' 87+75
SEE U-4

THIS SHEET ACCURATE FOR UTILITY WORK ONLY

UTILITY PLAN
SCALE : 1" = 40'

CU ### EA 03-0E961

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: DH
CHECKED: JN
ROAD NUMBER:
DRAWN: AN
DATE: 1/28/2025



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

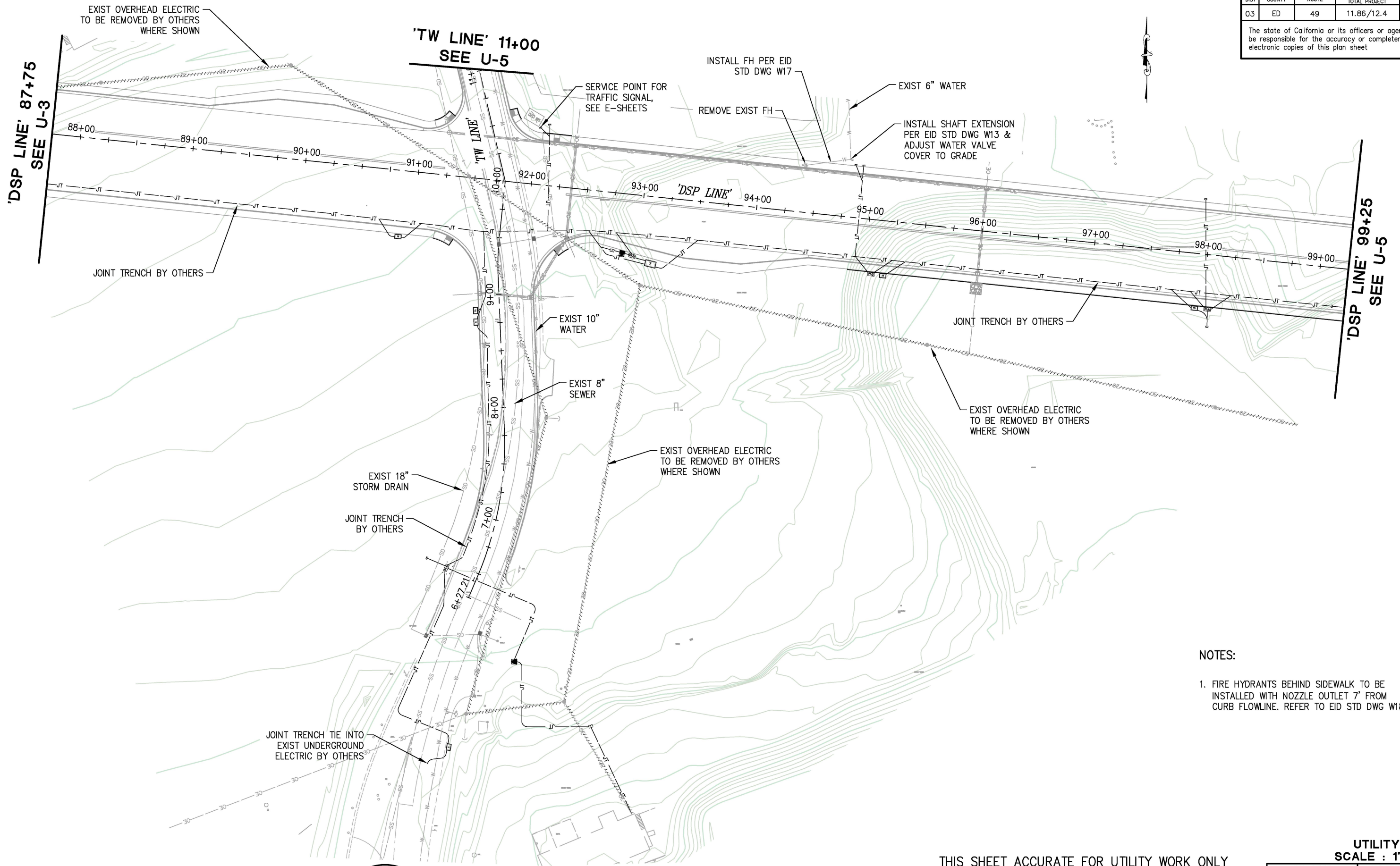
DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
U-3
93 OF 136
W.O. No. 72334

FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES
Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Parkway\72334 CADD Files\Sheets\Ultimate\U Sheets.dwg Layout Tab: U-4 Jan 16, 2025 2:11pm DHerrington

DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	94	136

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NOTES:

1. FIRE HYDRANTS BEHIND SIDEWALK TO BE INSTALLED WITH NOZZLE OUTLET 7' FROM CURB FLOWLINE. REFER TO EID STD DWG W18.

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UTILITY PLAN
SCALE : 1" = 40'

CU ### EA 03-0E961

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DATE: 1/28/2025



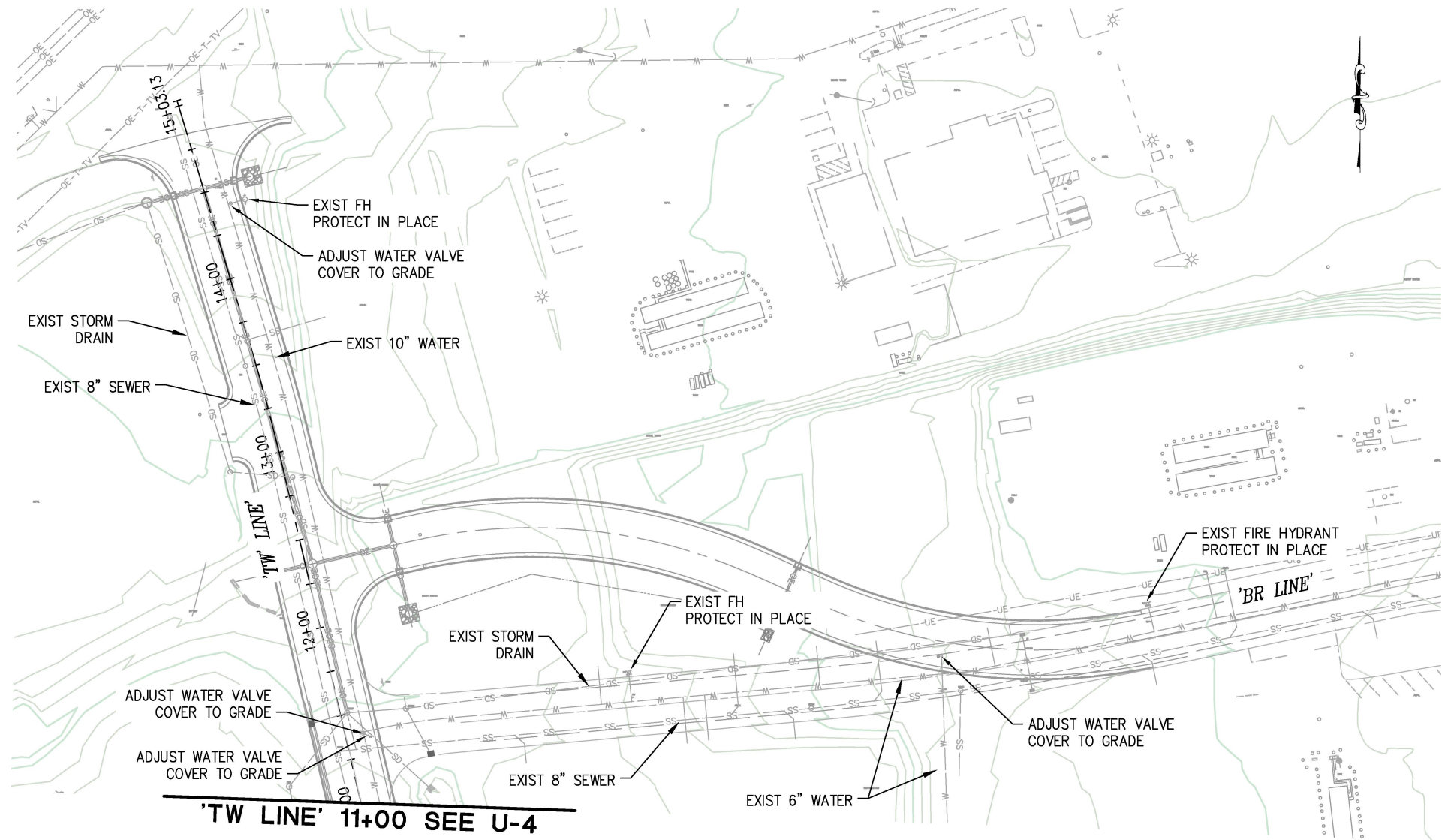
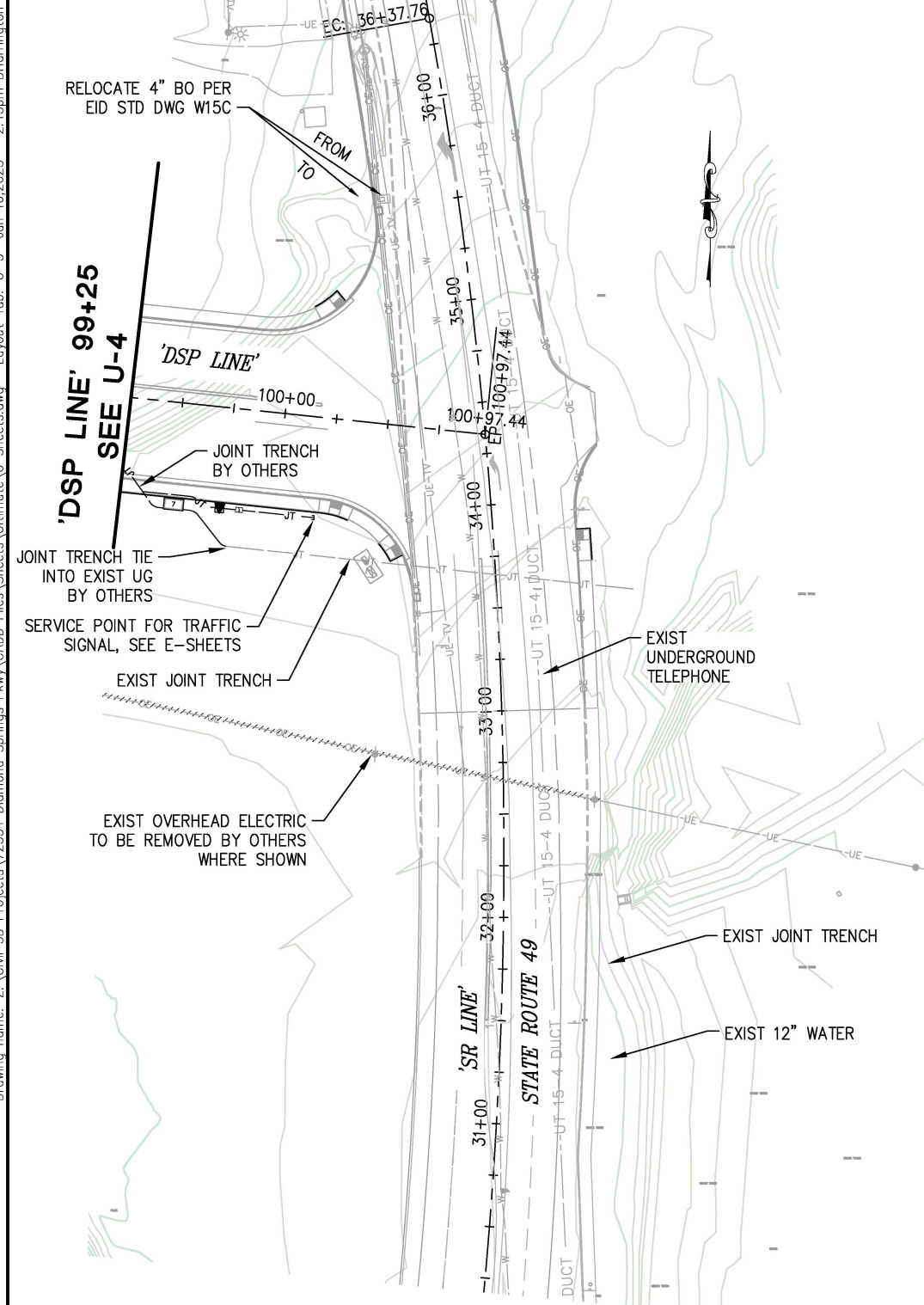
COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
U-4
94 OF 136
W.O. No. 72334

DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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UTILITY PLAN
SCALE : 1" = 40'

CU ###	EA 03-0E961
PARKWAY B	SHEET U-5 95 OF 136
	W.O. No. 72334

[illegible]

PREPARED UNDER THE SUPERVISION OF -



REGISTERED CIVIL ENGINEER

DATE: 1/28/2025

DESIGNED: DH	DRAWN: AN
CHECKED: JN	DATE: 1/28/2025
ROAD NUMBER:	



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

**DIAMOND SPRINGS PARKWAY
PHASE 1B**

SHEET
U-5
95 OF 136
I.O. No. **72334**

25-0053 Revised F 17 of 58

FOR REDUCED PLANS



0 1 2

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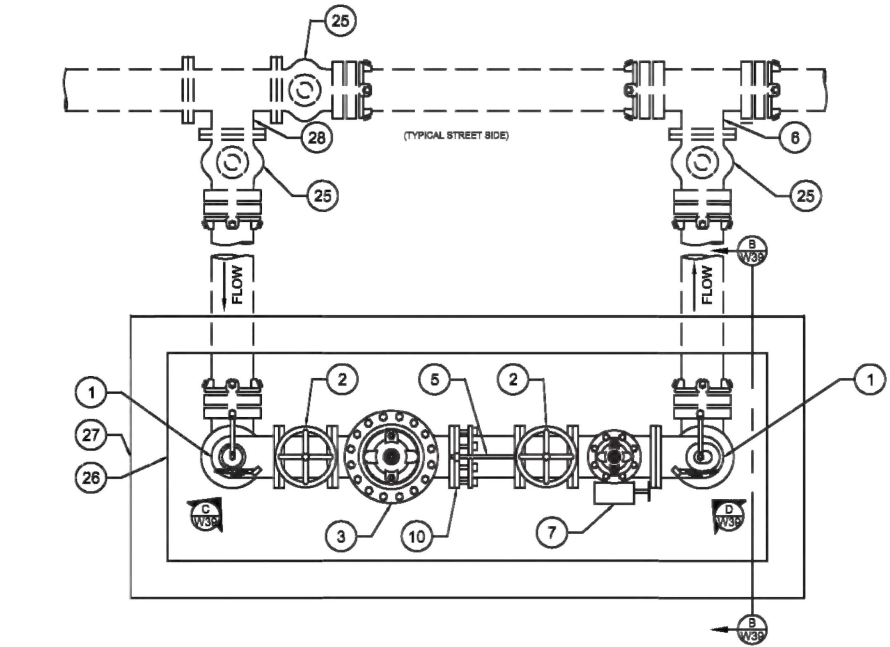
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DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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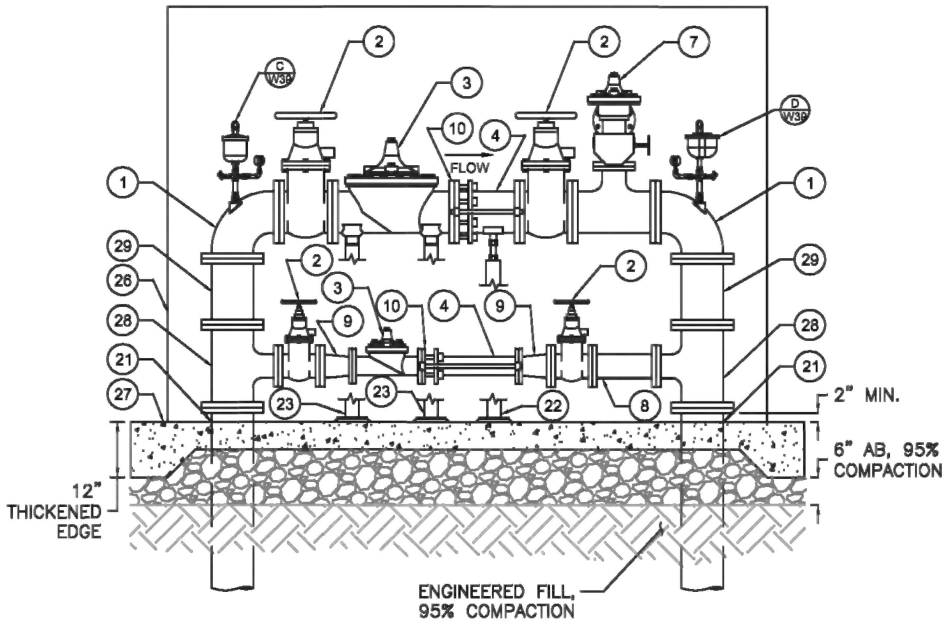
DESIGN CRITERIA	
UPSTREAM PRESSURE	
DOWNSTREAM PRESSURE	
MAXIMUM DESIGN FLOW	
MINIMUM DESIGN FLOW	

SIZING CHART					
TOP PRESSURE REDUCING VALVE SIZE	PRESSURE RELIEF VALVE SIZE	FLGxFLG SPOOL LENGTH	PRESSURE RELIEF ISOLATION VALVE	CONCRETE PAD SIZE (LxW)	ENCLOSURE DIMENSIONS (LxWxH)
4"	2"	6"	CORP. STOP	54"x112"	38"x96"x86"
6"	2"	6"	CORP. STOP	60"x124"	44"x108"x73"
8"	3"	12"	GATE VALVE	61"x146"	45"x130"x90"

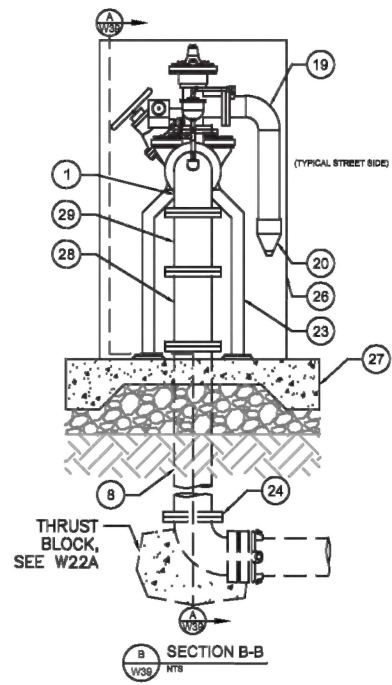
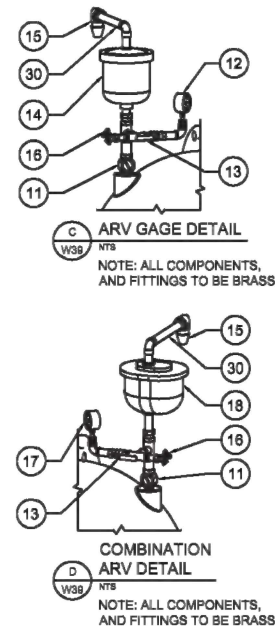
ITEM #	DESCRIPTION	SIZE
1	FLGxFLG DI BEND W/ TAPPED CONNECTION - COMBINATION ARV	
	FLGxFLG DI BEND W/ TAPPED CONNECTION - AIR RELEASE VALVE	
2	FLGxFLG RESILIENT SEAT GATE VALVE W/ HAND WHEEL - UPPER	
	FLGxFLG RESILIENT SEAT GATE VALVE W/ HAND WHEEL - LOWER	
3	PRESSURE REDUCING VALVE, SEE W08 - UPPER	
	PRESSURE REDUCING VALVE, SEE W08 - LOWER	
4	FLGxPE SPOOL - UPPER	
	FLGxPE SPOOL - LOWER	
5	RESTRAINING RODS, 304 SS, PROPERLY SIZED W/ WASHERS - UPPER	
	RESTRAINING RODS, 304 SS, PROPERLY SIZED W/ WASHERS - LOWER	
6	MJxFLG TEE	
7	PRESSURE RELIEF VALVE, SEE W08, SIZE PER SIZING CHART	
8	FLGxFLG SPOOL	
9	FLGxFLG REDUCER	
10	FLANGED COUPLING ADAPTOR	
11	MIPxFIP CORPORATION STOP	
12	2" PRESSURE GAGE, 0-300 PSI (UPSTREAM), BALL VALVE AND 90° BEND	N/A
13	BALL VALVE W/ TEE CROSS AND REQUIRED FITTINGS, BRASS	
14	AIR RELEASE VALVE ASSEMBLY	
15	20 MESH STAINLESS STEEL SCREEN	N/A
16	3/4" HOSE BIB, BRASS FITTINGS AS NEEDED	N/A
17	2" PRESSURE GAGE, 0-160 PSI (DOWNSTREAM), BALL VALVE AND 90°	N/A
18	COMBINATION AIR RELEASE VALVE ASSEMBLY	
19	FLGxSLIP SCH. 80 PVC	N/A
20	DUCKBILL CHECK, SLIP OVER STYLE W/ SS CLAMP, HYPALON ELASTEMER, PROCO, CLA-VAL, OR EQUAL (MIN SEPERATION GAP OF 2xPIPE DIAMETER)	
21	SEAL W/ NON-SHRINK GROUT (TYP ALL PENETRATIONS EXCEPT AS NOTED)	
22	ADJUSTABLE PIPE SUPPORT, HOT GRIP GALV., WHEN SIZE REQUIRES	
23	PRESSURE REDUCING VALVE SUPPORT, HOT DIP GALV., WHEN SIZE REQUIRES	
24	FLGxMJ ELBOW	
25	FLGxMJ GATE VALVE - MAIN LINE	
	FLGxMJ GATE VALVE - PRESSURE REDUCING STATION ISOLATION	
26	ENCLOSURE, SEE W08	
27	6" CONCRETE SLAB W/ THICKENED EDGES, #6 REBAR @ 12" O.C.E.W.	N/A
28	FLGxFLG TEE - MAINLINE	
	FLGxFLG TEE - PRS	
29	FLGxFLG SPOOL, LENGTH PER SIZING CHART	
30	SCH. 80 PVC PIPING - COMBINATION ARV	
	SCH. 80 PVC PIPING - AIR RELEASE VALVE	



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



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



CONSTRUCTION NOTES

- SEE W08 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.

EL DORADO IRRIGATION DISTRICT

POTABLE PRESSURE REDUCING STATION ABOVE GROUND

DRAWN BY L.A. NOTARO	SCALE NONE	REVISION 3	DATE 4/22/20	BY KRD	EID STANDARD DRAWING NO. W39
APPROVED B. MUELLER	DATE 3 / 16	4	5/8/20	KRD	
		5	11/8/21	PJW	

THIS SHEET ACCURATE FOR UTILITY WORK ONLY

UTILITY DETAILS
SCALE : NONE

CU ### EA 03-0E961

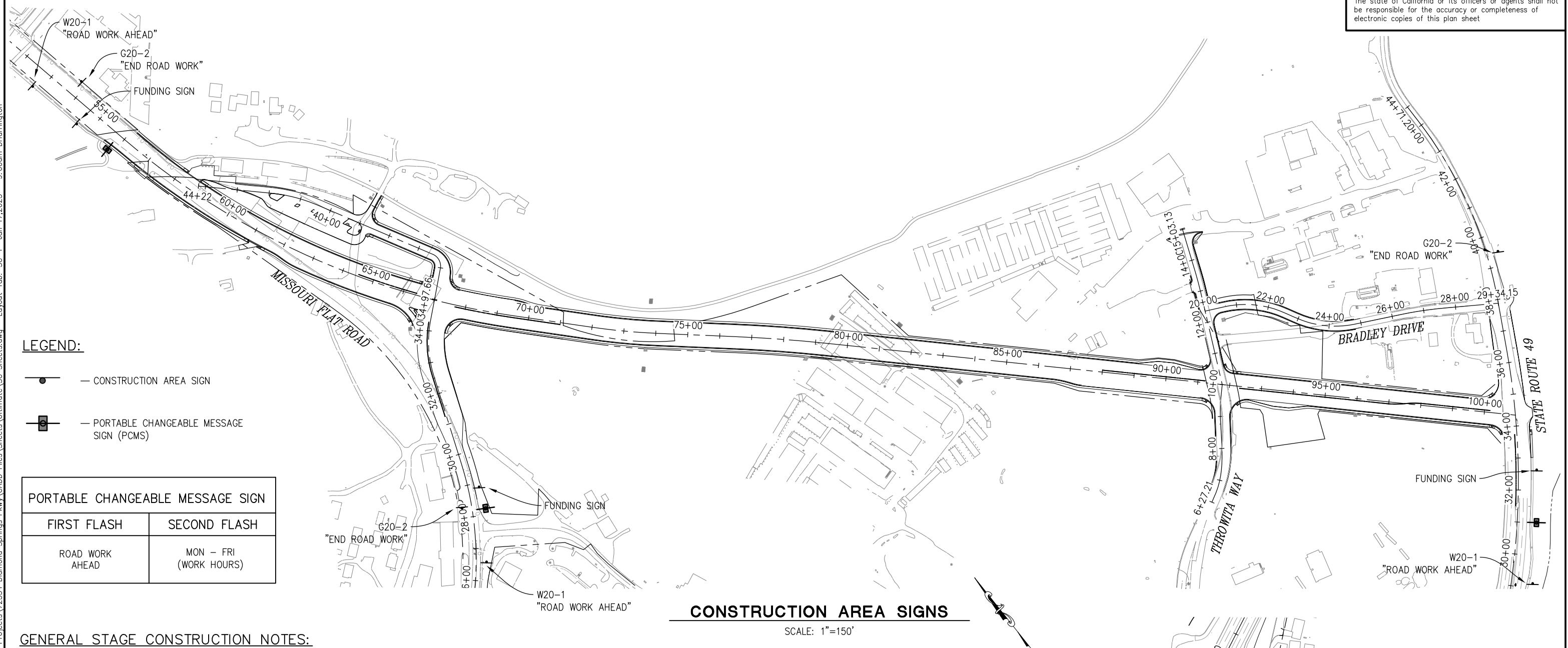
COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
U-6
96 OF 136
W.O. No. 72334

DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	97	136

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GENERAL STAGE CONSTRUCTION NOTES:

1. REFER TO THE SPECIAL PROVISIONS FOR MAINTAINING TRAFFIC REQUIREMENTS WITHIN THE WORK AREA.
2. THESE STAGE CONSTRUCTION PLANS ARE GENERAL IN NATURE AND DO NOT IDENTIFY ALL SPECIFIC ITEMS OF WORK.
3. REMOVE ALL EXISTING STRIPING, MARKINGS, AND SIGNAGE THAT CONFLICT WITH THE TEMPORARY OR PERMANENT STRIPING, MARKINGS AND SIGNAGE TO THE SATISFACTION OF THE ENGINEER PRIOR TO PLACEMENT.
4. ALL TEMPORARY STRIPING AND MARKINGS ARE TO BE PAINT UNLESS NOTED OTHERWISE.
5. LOCATIONS OF CONSTRUCTION AREA SIGNS ARE APPROXIMATE. FINAL LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
6. SUBMIT TRAFFIC CONTROL PLANS TO THE ENGINEER FOR REVIEW AND APPROVAL IN ACCORDANCE WITH THE SPECIAL PROVISIONS PRIOR TO THE START OF WORK REQUIRING TRAFFIC CONTROL.

THIS SHEET ACCURATE FOR STAGE CONSTRUCTION WORK ONLY

REVISION				
	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER

DATE: 1/28/2025

DESIGNED: DH	DRAWN: AN
CHECKED: JN	DATE: 1/28/2025
ROAD NUMBER:	



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

**DIAMOND SPRINGS PARKWAY
PHASE 1B**

**STAGE CONSTRUCTION
SCALE : AS SHOWN**

CU #####

EA 03-0E961

SHEET
SC-1

97 OF 136

W.O. No. **72334**

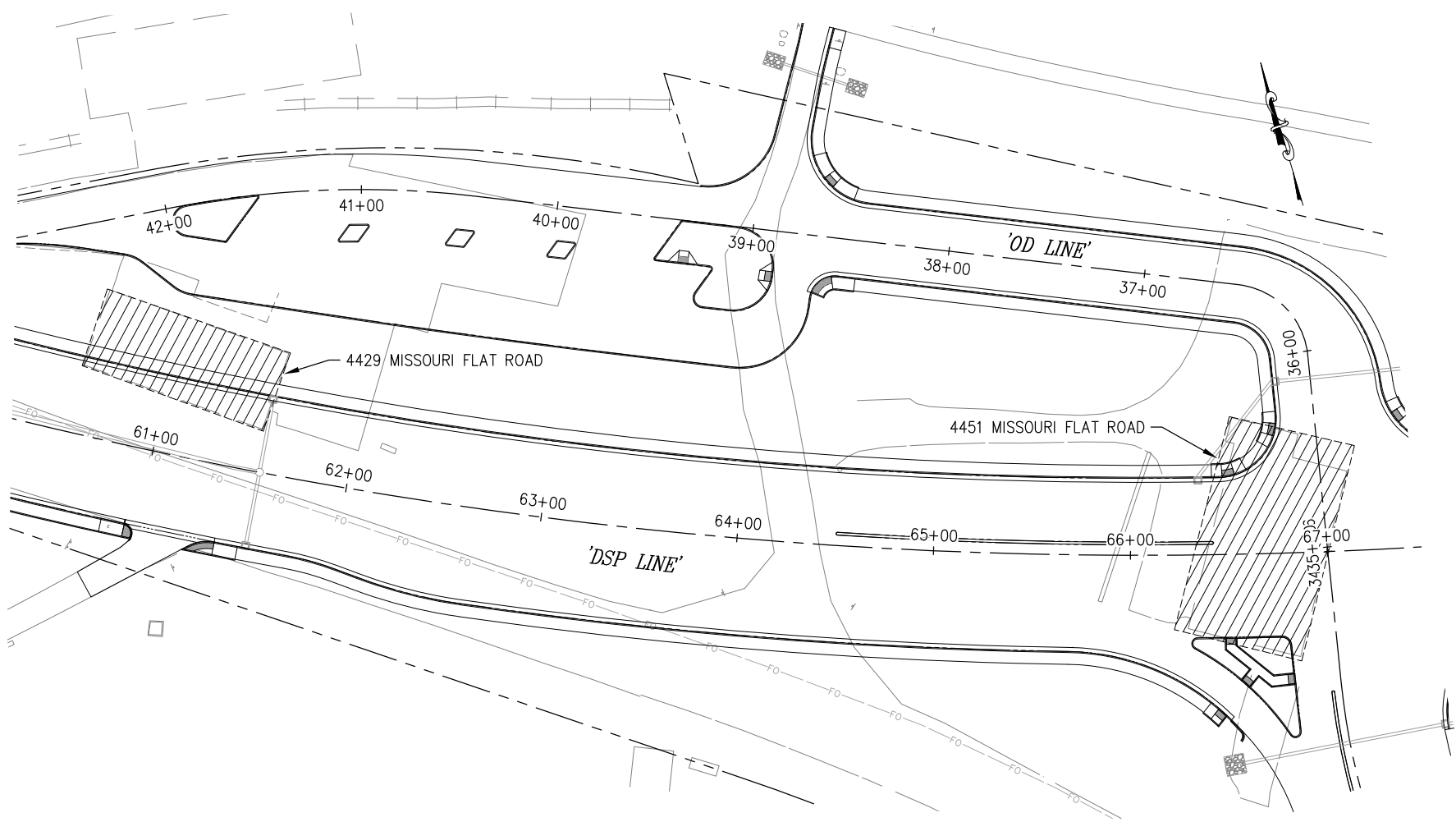
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0 1 2

DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	98	136

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STAGE 1 CONSTRUCTION

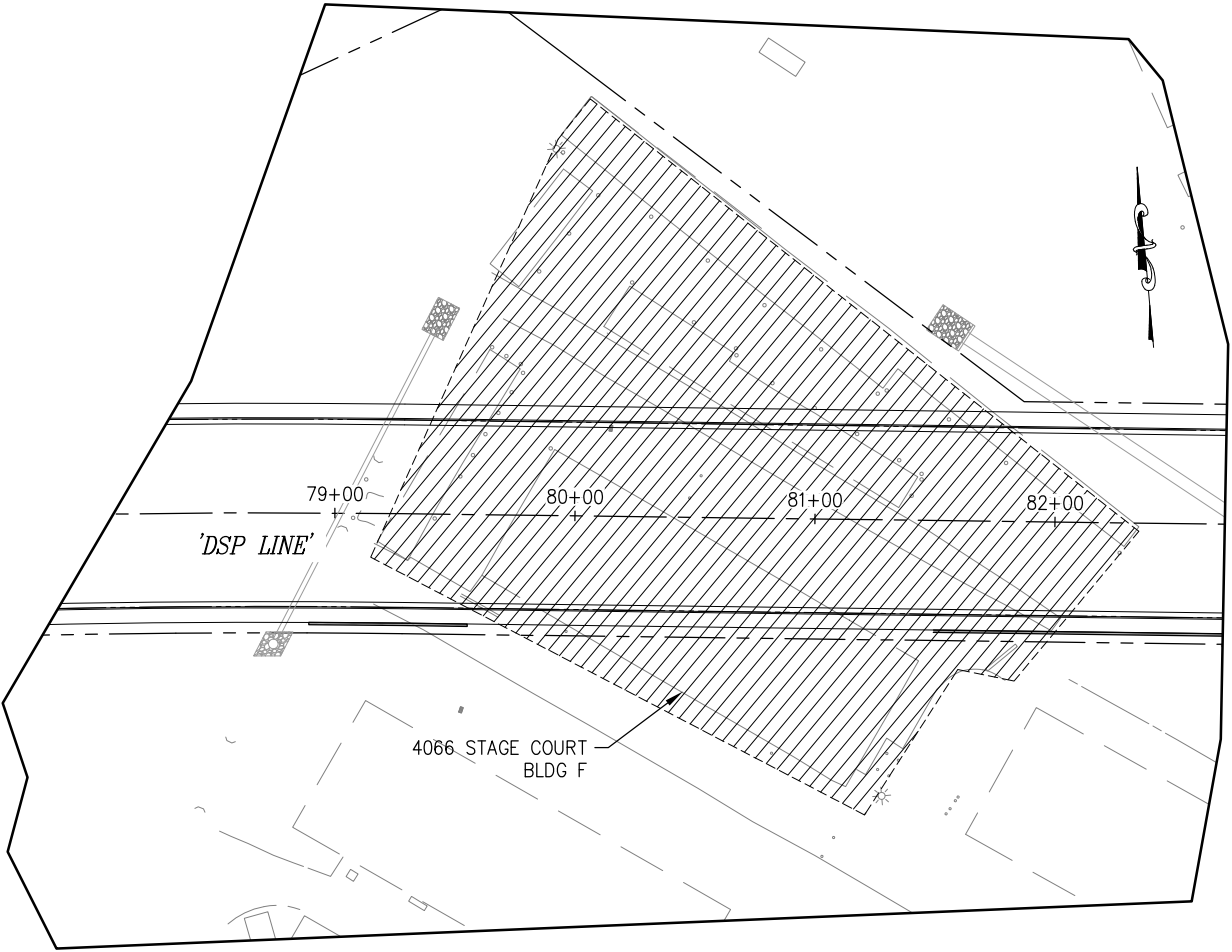
SCALE: 1"=40'

ABBREVIATIONS:

O.C. ON CENTER

LEGEND:

-  — WORK AREA
-  — DIRECTION OF TRAFFIC
-  — PLASTIC DRUM
-  — CONSTRUCTION SIGN



STAGE 1 CONSTRUCTION

SCALE: 1"=40'

SEE SHEET SC-1 FOR GENERAL STAGE CONSTRUCTION NOTES.

NOTES (THIS SHEET):

1. STAGE 1 IS INTENDED TO:
- DEMOLISH EXISTING BUILDINGS SHOWN AT VARIOUS LOCATIONS

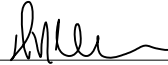
**STAGE CONSTRUCTION
SCALE : AS SHOWN**

CU #### EA 03-OE961

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PREPARED UNDER THE SUPERVISION OF :



REGISTERED CIVIL ENGINEER

1/28/2025

DATE:

DESIGNED: DH	DRAWN: AN
CHECKED: JN	DATE: 1/28/2025
ROAD NUMBER:	



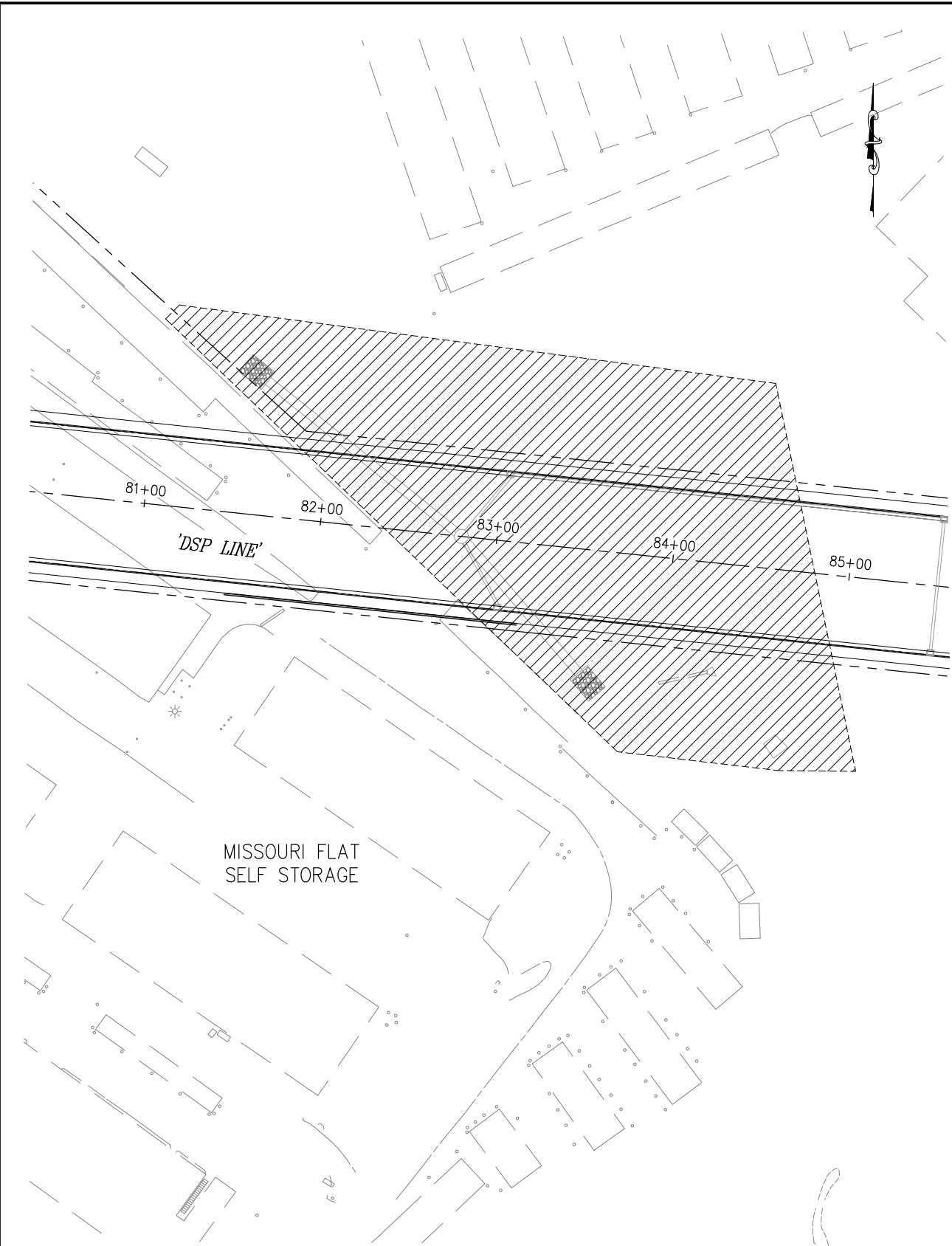
**COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION**

**DIAMOND SPRINGS PARKWAY
PHASE 1B**

SHEET
SC-2
98 OF 136
W.O. No. **72334**

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STAGE 2 CONSTRUCTION

SCALE: 1"=40'

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REVISION	NUMBER	DATE	DESCRIPTION	BY



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DATE: 1/28/2025

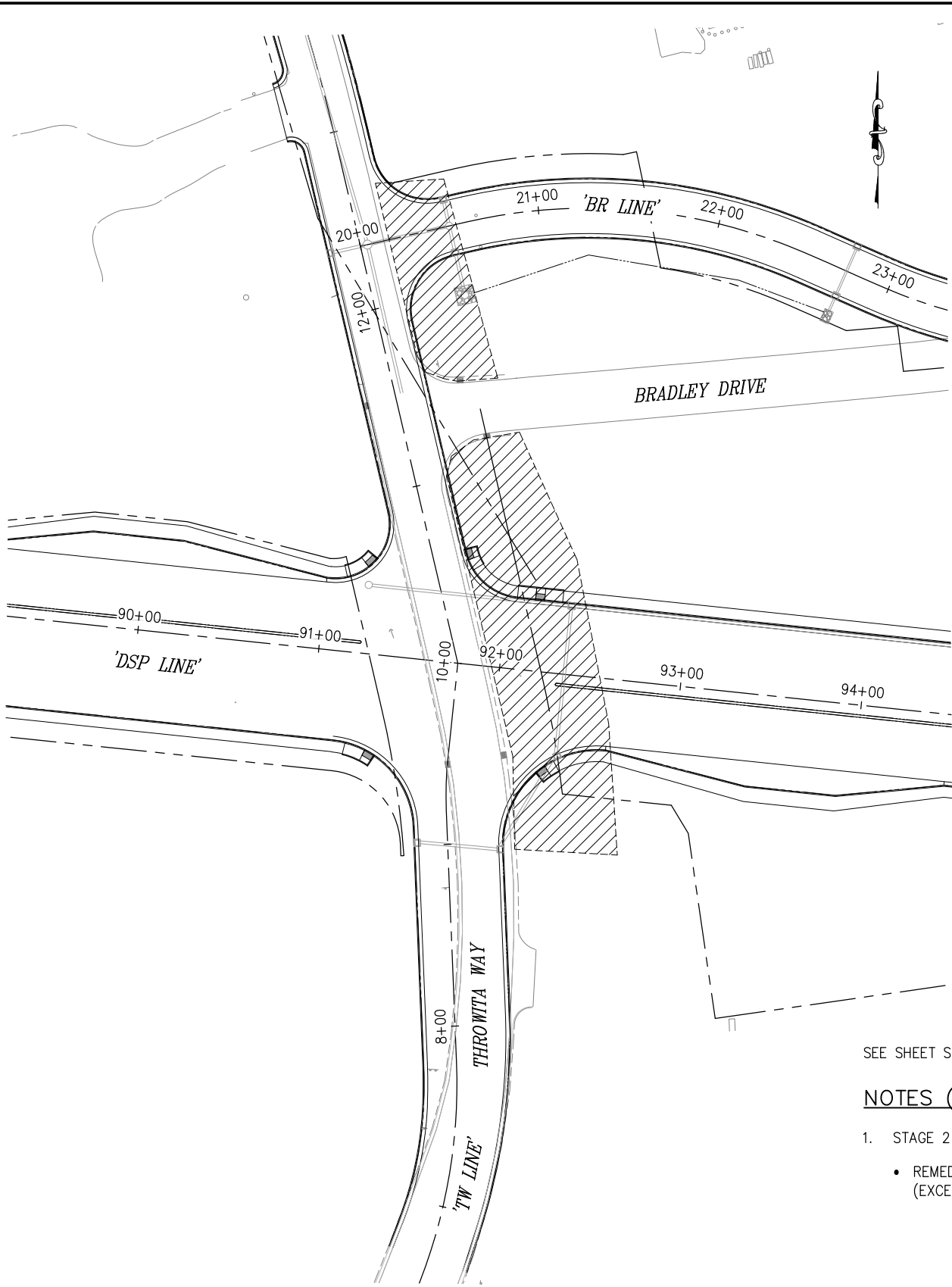
DESIGNED: DH
CHECKED: JN
ROAD NUMBER:
DRAWN: AN
DATE: 1/28/2025



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
SC-3
99 OF 136
W.O. No. **72334**



STAGE 2 CONSTRUCTION

SCALE: 1"=40'

DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	99	136

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ABBREVIATIONS:

O.C. ON CENTER

LEGEND:

— WORK AREA

— DIRECTION OF TRAFFIC

— PLASTIC DRUM

— CONSTRUCTION SIGN

SEE SHEET SC-1 FOR GENERAL STAGE CONSTRUCTION NOTES.

NOTES (THIS SHEET):

- STAGE 2 IS INTENDED TO CONSTRUCT:
 - REMEDATION WORK AT WEST AND EAST LOCATION (EXCEPT UNDER BRADLEY DRIVE)

**STAGE CONSTRUCTION
SCALE : AS SHOWN**

CU ####

EA 03-0E961

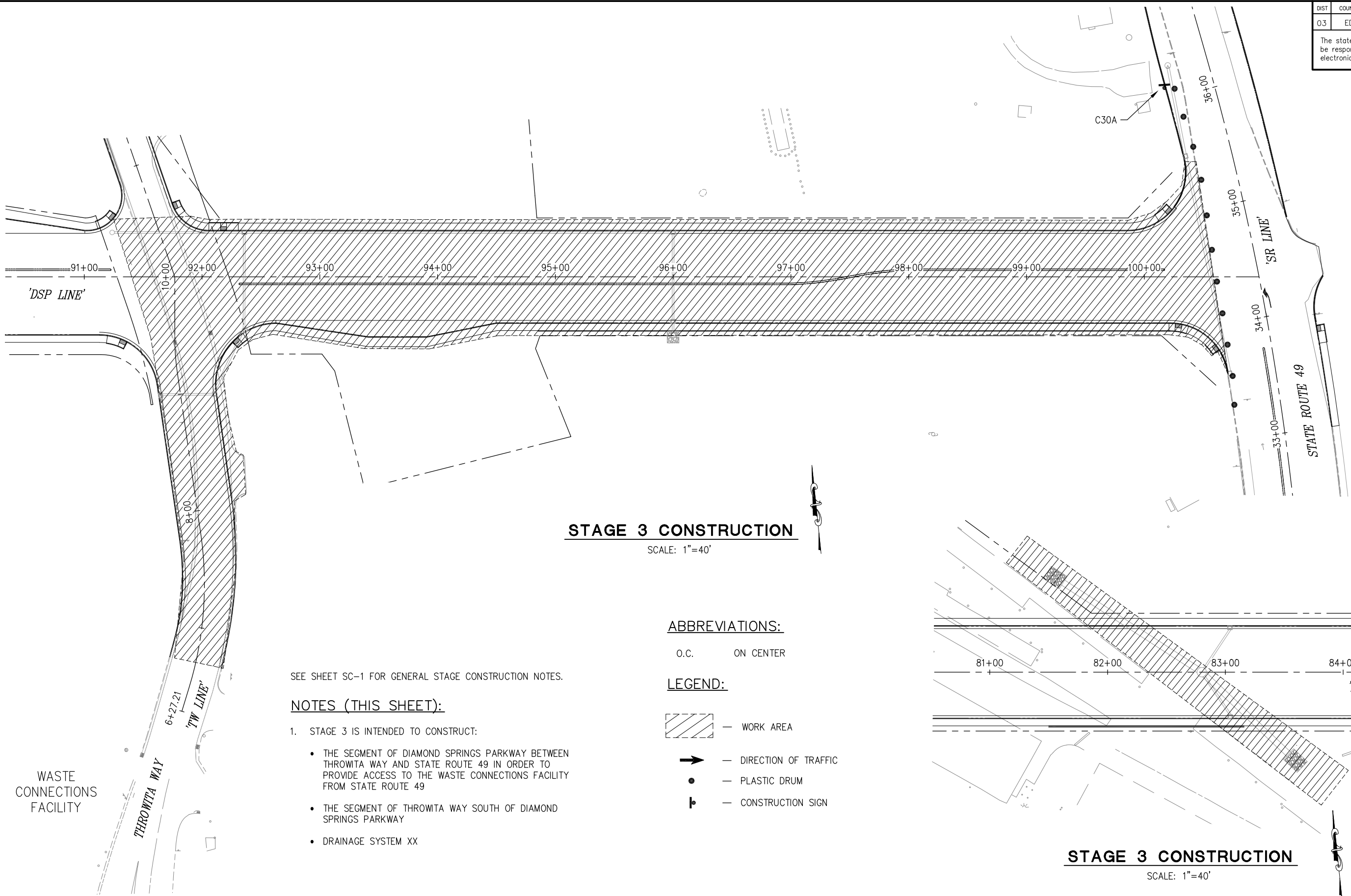
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FOR REDUCED PLANS

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DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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STAGE 3 CONSTRUCTION

SCALE: 1"=40'

ABBREVIATIONS:

O.C. ON CENTER

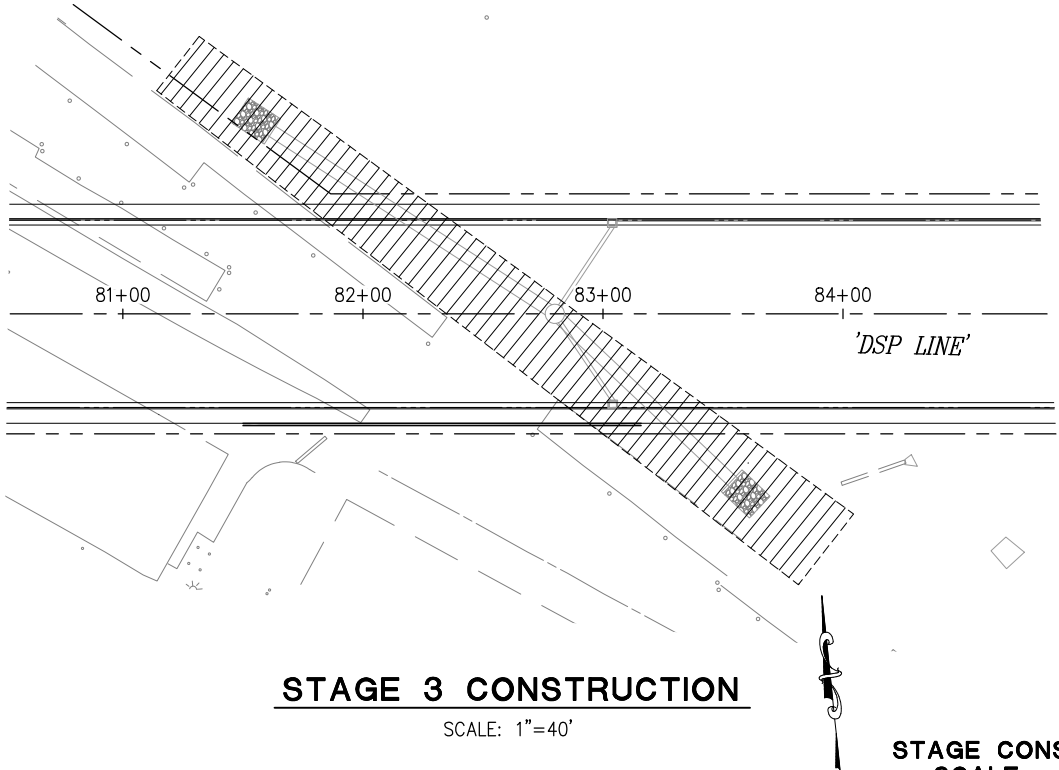
LEGEND:

- WORK AREA
- DIRECTION OF TRAFFIC
- PLASTIC DRUM
- CONSTRUCTION SIGN

SEE SHEET SC-1 FOR GENERAL STAGE CONSTRUCTION NOTES.

NOTES (THIS SHEET):

- STAGE 3 IS INTENDED TO CONSTRUCT:
 - THE SEGMENT OF DIAMOND SPRINGS PARKWAY BETWEEN THROWITA WAY AND STATE ROUTE 49 IN ORDER TO PROVIDE ACCESS TO THE WASTE CONNECTIONS FACILITY FROM STATE ROUTE 49
 - THE SEGMENT OF THROWITA WAY SOUTH OF DIAMOND SPRINGS PARKWAY
 - DRAINAGE SYSTEM XX



STAGE 3 CONSTRUCTION

SCALE: 1"=40'

**STAGE CONSTRUCTION
SCALE : AS SHOWN**

CU #### EA 03-0E961

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PREPARED UNDER THE SUPERVISION OF :

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DATE: 1/28/2025

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ROAD NUMBER:	



**COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION**

**DIAMOND SPRINGS PARKWAY
PHASE 1B**

SHEET
SC-4
100 OF 136
W.O. No. **72334**

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FOR REDUCED PLANS
2
1
0

'DSP' 85+00 SEE SC-6

ABBREVIATIONS:

O.C. ON CENTER

LEGEND:

-  — WORK AREA
-  — DIRECTION OF TRAFFIC
-  — PLASTIC DRUM
-  — CONSTRUCTION SIGN

SEE SHEET SC-1 FOR GENERAL STAGE CONSTRUCTION NOTES.

NOTES (THIS SHEET):

1. STAGE 4 IS INTENDED TO CONSTRUCT:
- THE SEGMENT OF DIAMOND SPRINGS PARKWAY BETWEEN OLD DEPOT ROAD AND THROWITA WAY
 - WIDENING PORTIONS OF STATE ROUTE 49

STAGE 4 CONSTRUCTION

SCALE: 1"=40'

STAGE 4 CONSTRUCTION

SCALE: 1"=40'


STAGE CONSTRUCTION
SCALE : AS SHOWN

CU ####

EA 03-0E961

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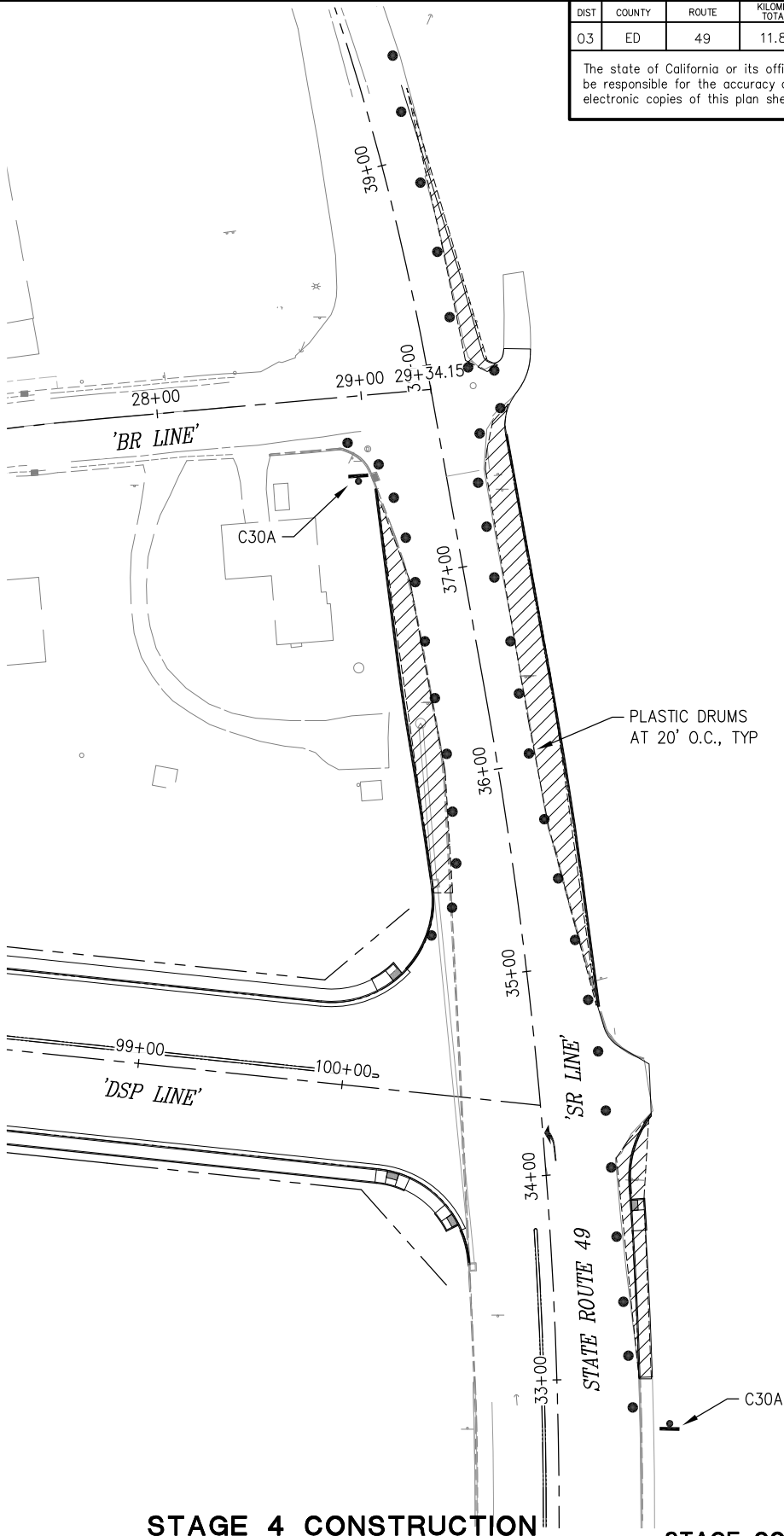


COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
SC-5
101 OF 136
W.O. No. 72334

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PLASTIC DRUMS
AT 20' O.C., TYP

C30A

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'DSP' 72+50 SEE BELOW

'DSP' 85+00 SEE SC-5

'DSP' 72+50 SEE ABOVE

STAGE 4 CONSTRUCTION

SCALE: 1"=40'

SEE SC-7

'MF' 33+00 SEE SC-7

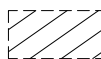



STAGE 4 CONSTRUCTION

SCALE: 1"=40'

ABBREVIATIONS:

O.C. ON CENTER

LEGEND:

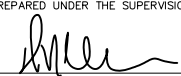
-  WORK AREA
-  DIRECTION OF TRAFFIC
-  PLASTIC DRUM
-  CONSTRUCTION SIGN

SEE SHEET SC-1 FOR GENERAL STAGE CONSTRUCTION NOTES.

NOTES (THIS SHEET):

- STAGE 4 IS INTENDED TO CONSTRUCT:
 - THE SEGMENT OF DIAMOND SPRINGS PARKWAY BETWEEN OLD DEPOT ROAD AND THROWITA WAY



PREPARED UNDER THE SUPERVISION OF :

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COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
SC-6
102 OF 136
W.O. No. 72334

STAGE CONSTRUCTION
SCALE : AS SHOWN

CU #### EA 03-OE961

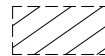
DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	103	136

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

ABBREVIATIONS:

O.C. ON CENTER

LEGEND:



— WORK AREA



— DIRECTION OF TRAFFIC



— PLASTIC DRUM



— CONSTRUCTION SIGN

SEE SHEET SC-1 FOR GENERAL STAGE CONSTRUCTION NOTES.

NOTES (THIS SHEET):

- STAGE 4 IS INTENDED TO CONSTRUCT:
 - THE IMPROVEMENT AREAS OUTSIDE OF EXISTING MISSOURI FLAT ROAD TRAVELED WAY

'MF' 33+00 SEE SC-6

STAGE 4 CONSTRUCTION

SCALE: 1"=40'

STAGE 4 CONSTRUCTION

SCALE: 1"=40'

SEE SC-6

STAGE CONSTRUCTION
SCALE : AS SHOWN

CU #### EA 03-0E961

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: DH
CHECKED: JN
ROAD NUMBER:
DRAWN: AN
DATE: 1/28/2025



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
SC-7
103 OF 136
W.O. No. 72334

ORIGINAL SCALE: 1"=40' (AS SHOWN)
Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\SC Sheets.dwg Layout Tab: SC-8 Jan 17, 2025 9:06am Dharrington

DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	104	136
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ABBREVIATIONS:

O.C. ON CENTER

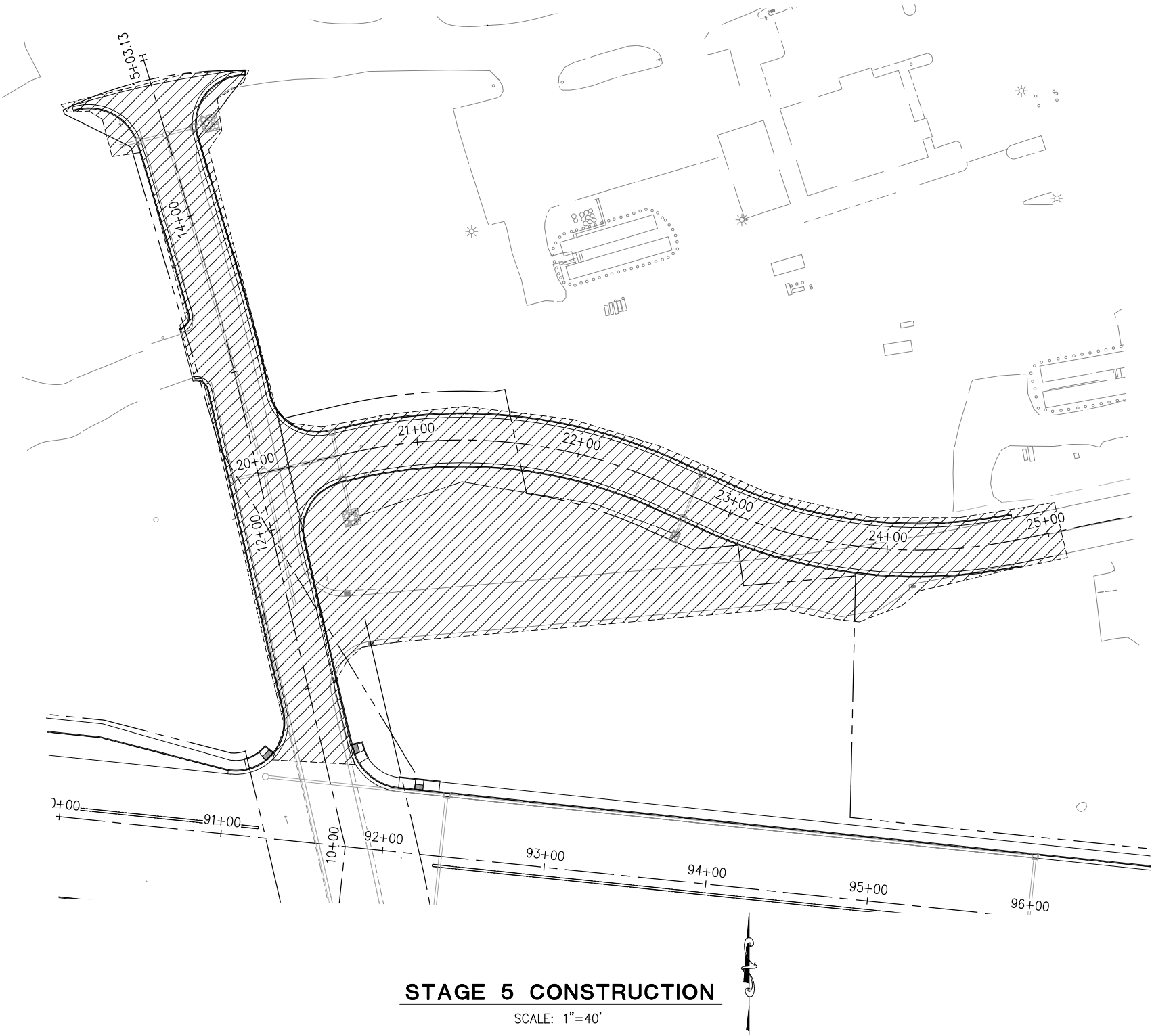
LEGEND:

- WORK AREA
- 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 5 CONSTRUCTION

SCALE: 1"=40'

STAGE CONSTRUCTION
SCALE : AS SHOWN

CU #### EA 03-0E961

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: DH DRAWN: AN
CHECKED: JN DATE: 1/28/2025
ROAD NUMBER:



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
SC-8
104 OF 136
W.O. No. 72334

ORIGINAL SCALE IS IN INCHES
Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\SC Sheets.dwg Layout Tab: SC-9 Jan 17, 2025 9:06am D:\harrington

DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	105	136

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ABBREVIATIONS:

O.C. ON CENTER

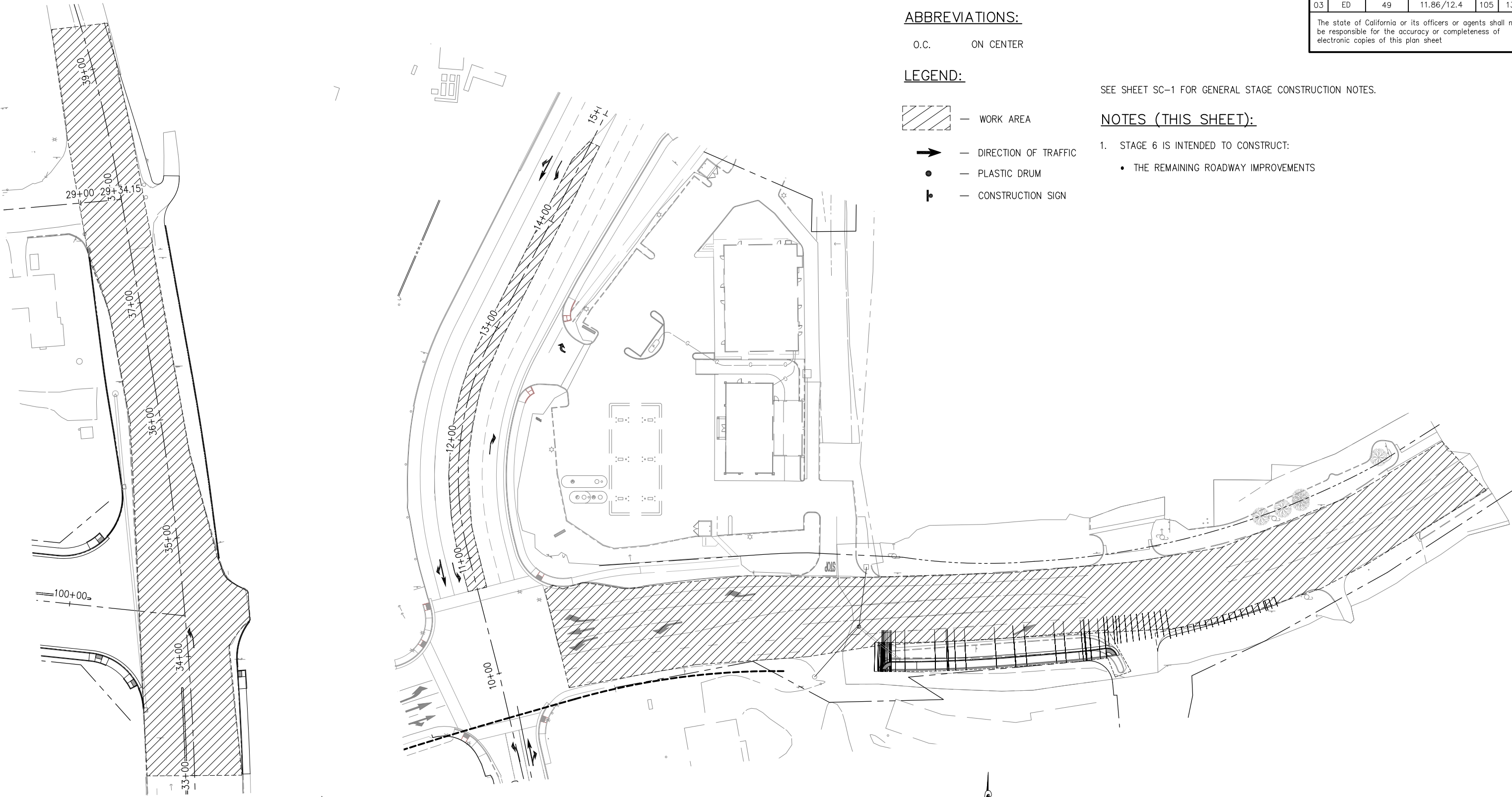
LEGEND:

- WORK AREA
- DIRECTION OF TRAFFIC
- PLASTIC DRUM
- CONSTRUCTION SIGN

SEE SHEET SC-1 FOR GENERAL STAGE CONSTRUCTION NOTES.

NOTES (THIS SHEET):

1. STAGE 6 IS INTENDED TO CONSTRUCT:
- THE REMAINING ROADWAY IMPROVEMENTS



STAGE 6 CONSTRUCTION

SCALE: 1"=40'

STAGE 6 CONSTRUCTION

SCALE: 1"=40'

STAGE CONSTRUCTION
SCALE : AS SHOWN

CU ###

EA 03-0E961

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

[Signature]
REGISTERED CIVIL ENGINEER

1/28/2025
DATE:

DESIGNED: DH	DRAWN: AN
CHECKED: JN	DATE: 1/28/2025
ROAD NUMBER:	



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
SC-9
105 OF 136
W.O. No. 72334

ORIGINAL SCALE IS IN INCHES
Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\SC Sheets.dwg Layout Tab: SC-10 Jan 17, 2025 -- 9:07am DHarrington

DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	106	136

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ABBREVIATIONS:

O.C. ON CENTER

LEGEND:

— WORK AREA

— DIRECTION OF TRAFFIC

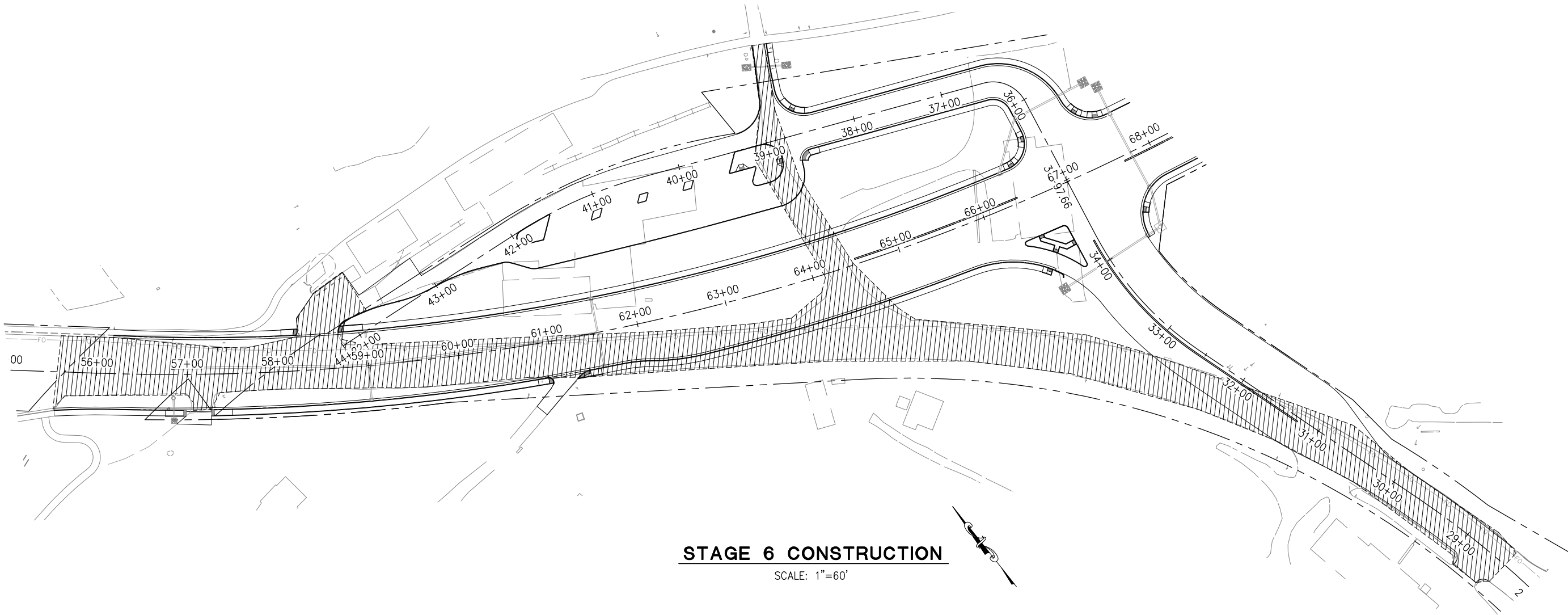
— PLASTIC DRUM

— CONSTRUCTION SIGN

SEE SHEET SC-1 FOR GENERAL STAGE CONSTRUCTION NOTES.

NOTES (THIS SHEET):

1. STAGE 6 IS INTENDED TO CONSTRUCT:
- THE REMAINING ROADWAY IMPROVEMENTS



STAGE CONSTRUCTION
SCALE : AS SHOWN

CU #### EA 03-0E961

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

[Signature]

REGISTERED CIVIL ENGINEER

DATE: 1/28/2025

DESIGNED: DH
CHECKED: JN
ROAD NUMBER:

DRAWN: AN
DATE: 1/28/2025




COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
SC-10
106 OF 136
W.O. No. 72334

DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	107	136

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PCMS No.	FIRST FLASH	SECOND FLASH	THIRD FLASH
	BRADLEY DR CLOSED	(DATES CLOSED)	USE DETOUR TO THROWITA WAY

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

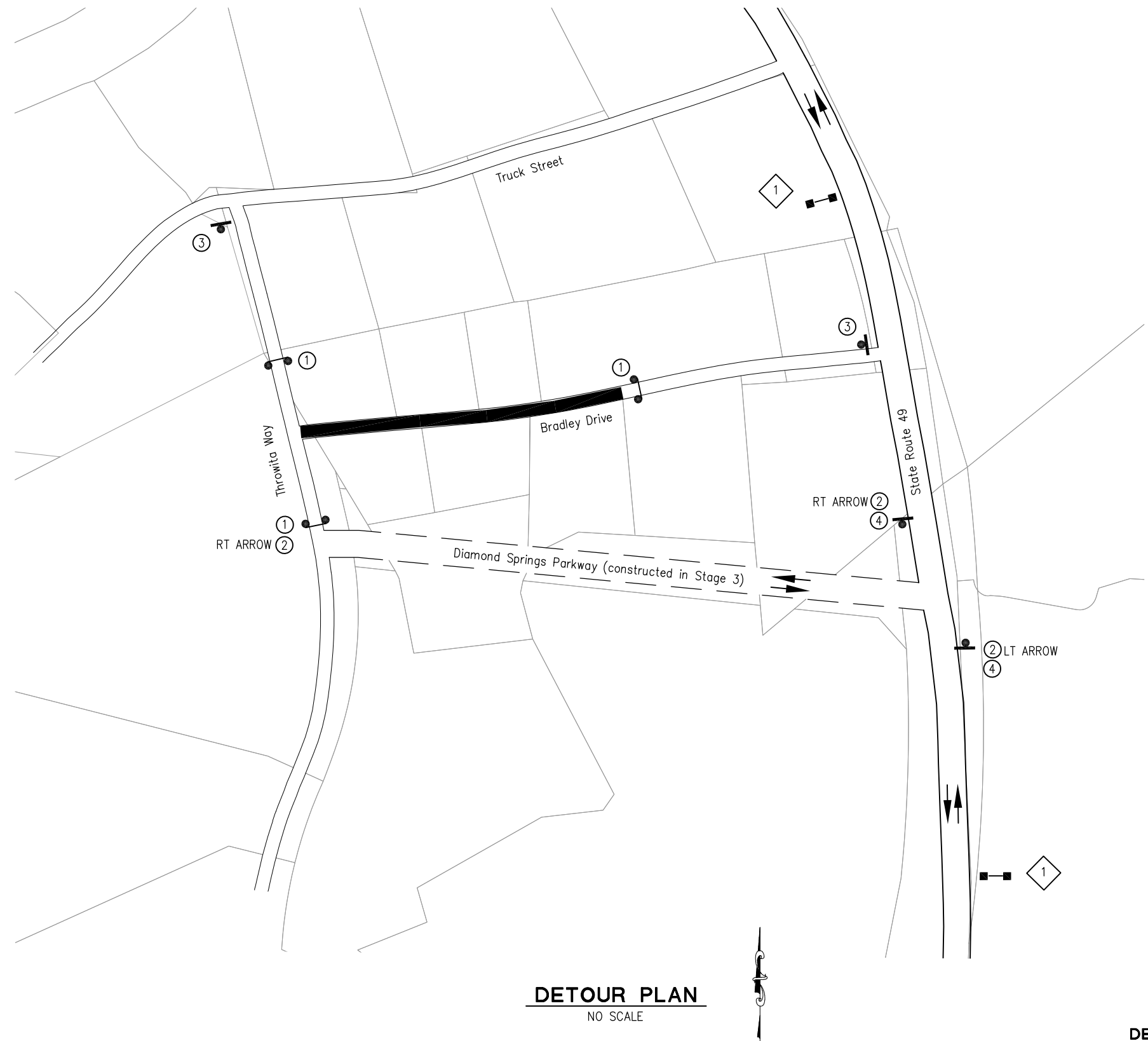
■—■ PCMS — PORTABLE CHANGABLE MESSAGE SIGN

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.



DETOUR PLAN

NO SCALE

[illegible]

PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER

DATE: 1/28/2025

DESIGNED: DH	DRAWN: AN
CHECKED: JN	DATE: 1/28/2025
ROAD NUMBER:	



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

**DIAMOND SPRINGS PARKWAY
PHASE 1B**

DETOUR PLAN
SCALE : NONE

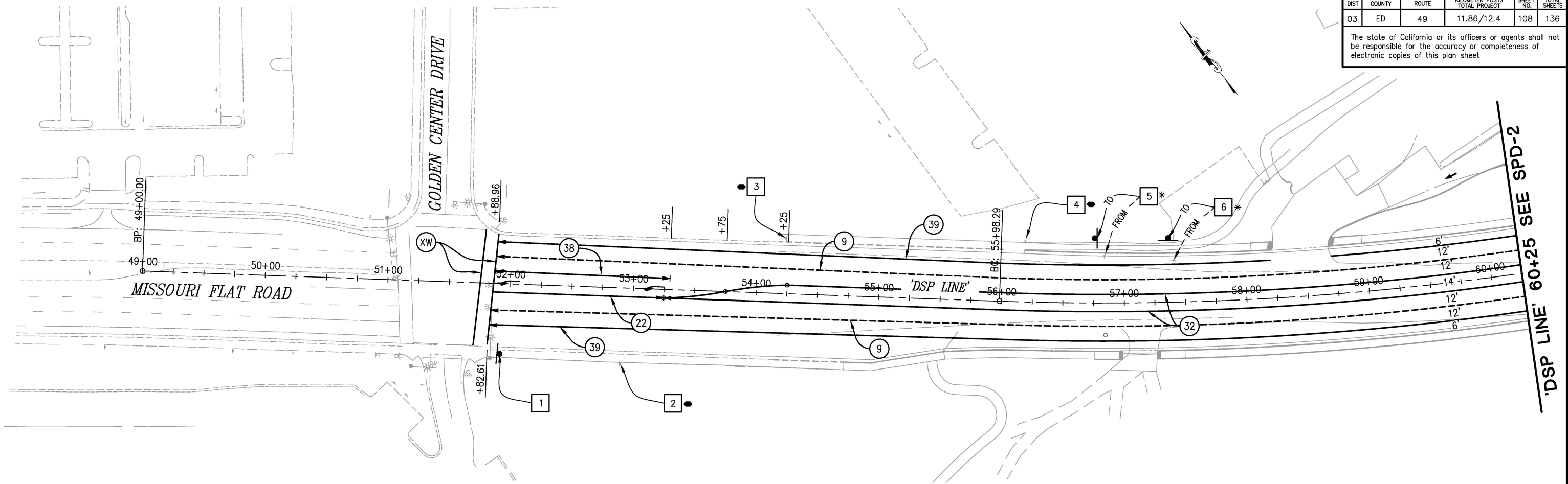
CU #####	EA 03-0E961
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SHEET
DE-1
107 OF 136
W.O. No. **72334**

ORIGINAL SCALE IS IN INCHES
Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\SPD Sheets.dwg Layout Tab: SPD-1 Jan 16, 2025 3:26pm Dharrington
FOR REDUCED PLANS

DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	108	136

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CONSTRUCTION NOTES:

- THIS PLAN IS ACCURATE FOR SIGNING AND PAVEMENT DELINEATION ONLY. SEE "SC" SHEETS FOR 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.
- 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.
- ALL PAVEMENT MARKINGS ARE PER CALTRANS STANDARD PLANS.
- LOCATIONS OF SIGNS SHOWN ARE APPROXIMATE. EXACT LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
- VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES PRIOR TO SIGN POST INSTALLATION.
- ALL CULVERT MARKERS SHALL BE PLACED PER "MARKER CULVERT" DETAIL. SEE DETAIL ON SPD-X SHEET.
- ALL PAVEMENT MARKERS SHALL BE RETROREFLECTIVE-RECESSED UNLESS OTHERWISE NOTED.

LEGEND

- TYPE I (24") ARROW
- TYPE II (R) ARROW
- TYPE II (B) ARROW
- TYPE III 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" PAVEMENT MARKING
- SIGN NUMBER
- EXIST SIGN
- INSTALL SIGN SINGLE POST
- INSTALL SIGN DOUBLE POST
- EXISTING MARKER/DELINEATOR
- PROPOSED MARKER/DELINEATOR
- SIGN DETAIL NUMBER (SEE SHEET SPD-8)
- HIGHWAY POST MARKER
- CULVERT MARKER
- OBJECT MARKER (TYPE K-1)
- REMOVE EXISTING SIGN, USE DURING CONSTRUCTION
- RELOCATE ROADSIDE SIGN
- RESET ROADSIDE SIGN
- EXISTING SIGN TO REMAIN

SIGNING & PAVEMENT DELINEATION
SCALE : 1" = 40'
THIS SHEET ACCURATE FOR SIGNING AND PAVEMENT DELINEATION WORK ONLY

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: DH
CHECKED: JN
ROAD NUMBER:
DRAWN: AN
DATE: 1/28/2025



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

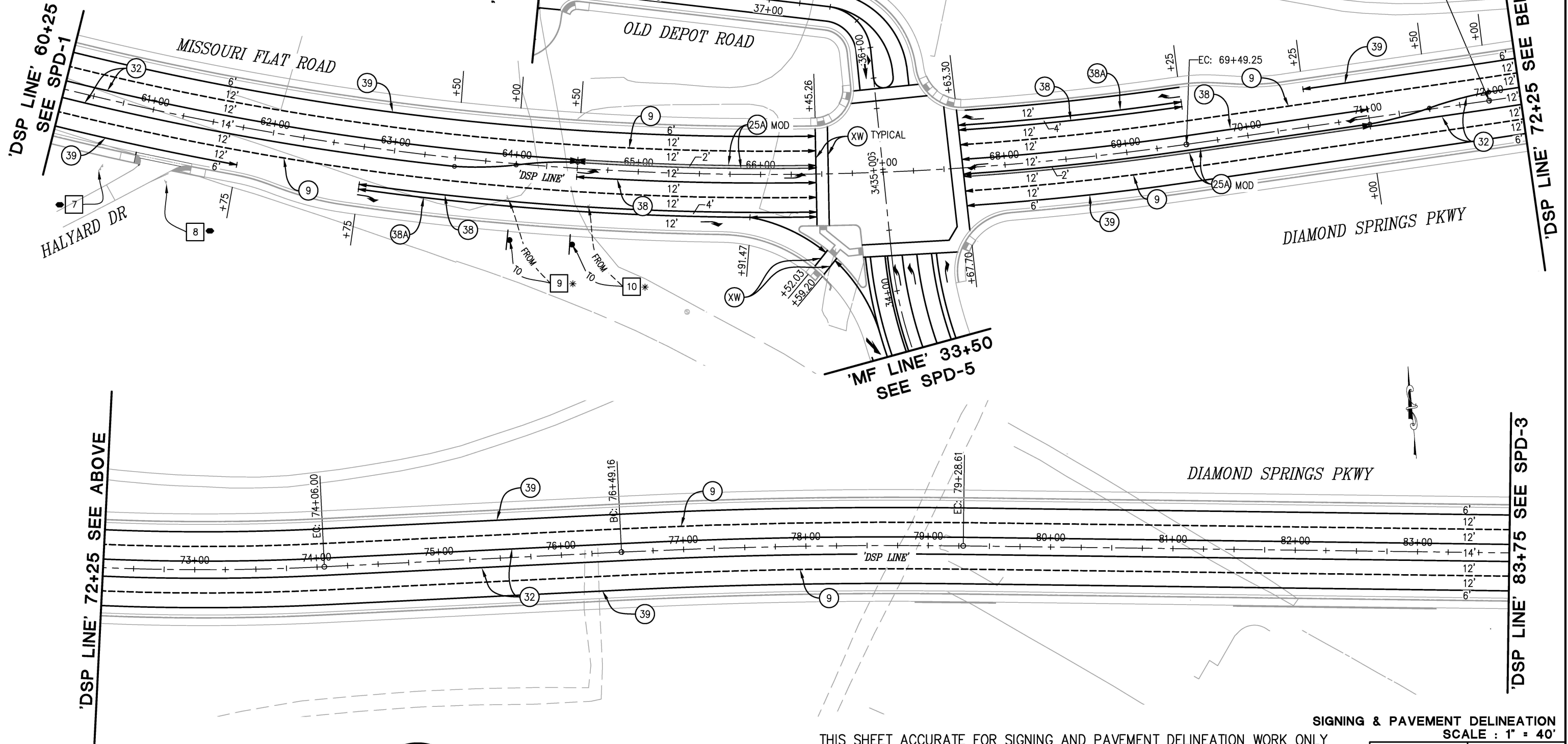
DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
SPD-1
108 OF 136
W.O. No. 72334

2 ORIGINAL SCALE IS IN INCHES
FOR REDUCED PLANS
Drawing name: Z:\Civil 3D Projects\Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\SPD Sheets.dwg Layout Tab: SPD-2 Jan 16, 2025 3:27pm D:\harrington

DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	109	136

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SIGNING & PAVEMENT DELINEATION
SCALE : 1" = 40'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :
[Signature]
REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: DH
DRAWN: AN
CHECKED: JN
DATE: 1/28/2025
ROAD NUMBER:



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

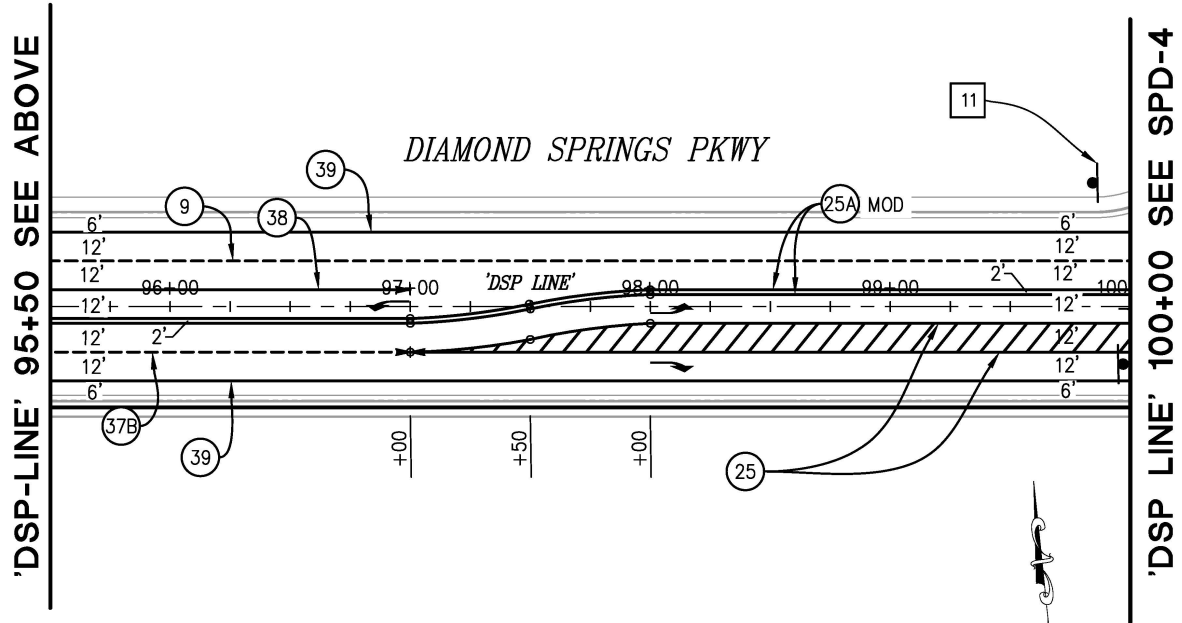
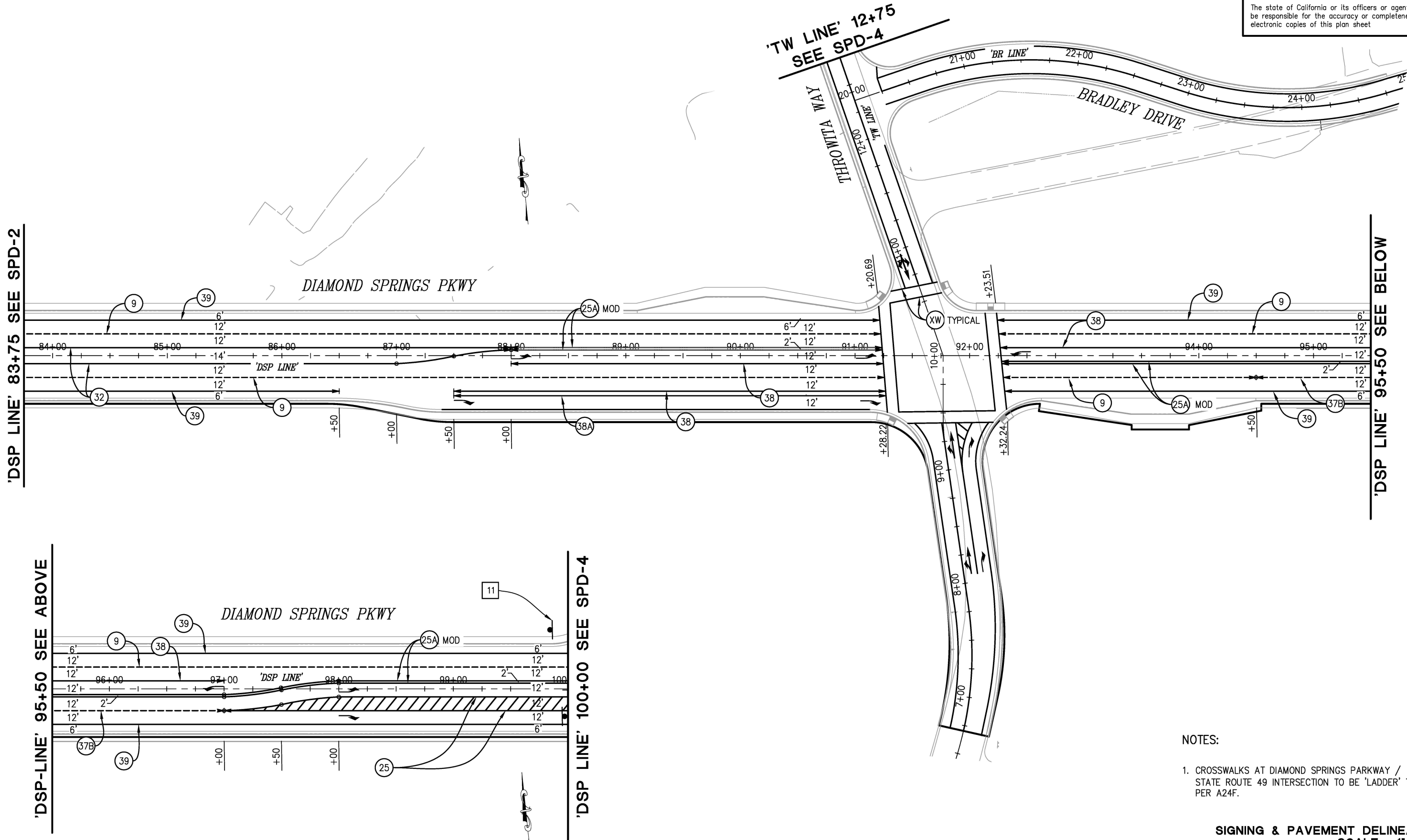
DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
SPD-2
109 OF 136
W.O. No. 72334

FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES
Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\SPD Sheets.dwg Layout Tab: SPD-3 Jan 16, 2025 3:28pm Dharrington

DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	110	136

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- NOTES:
- CROSSWALKS AT DIAMOND SPRINGS PARKWAY / STATE ROUTE 49 INTERSECTION TO BE 'LADDER' TYPE PER A24F.

THIS SHEET ACCURATE FOR SIGNING AND PAVEMENT DELINEATION WORK ONLY

SIGNING & PAVEMENT DELINEATION
SCALE : 1" = 40'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: DH
CHECKED: JN
ROAD NUMBER:
DRAWN: AN
DATE: 1/28/2025



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

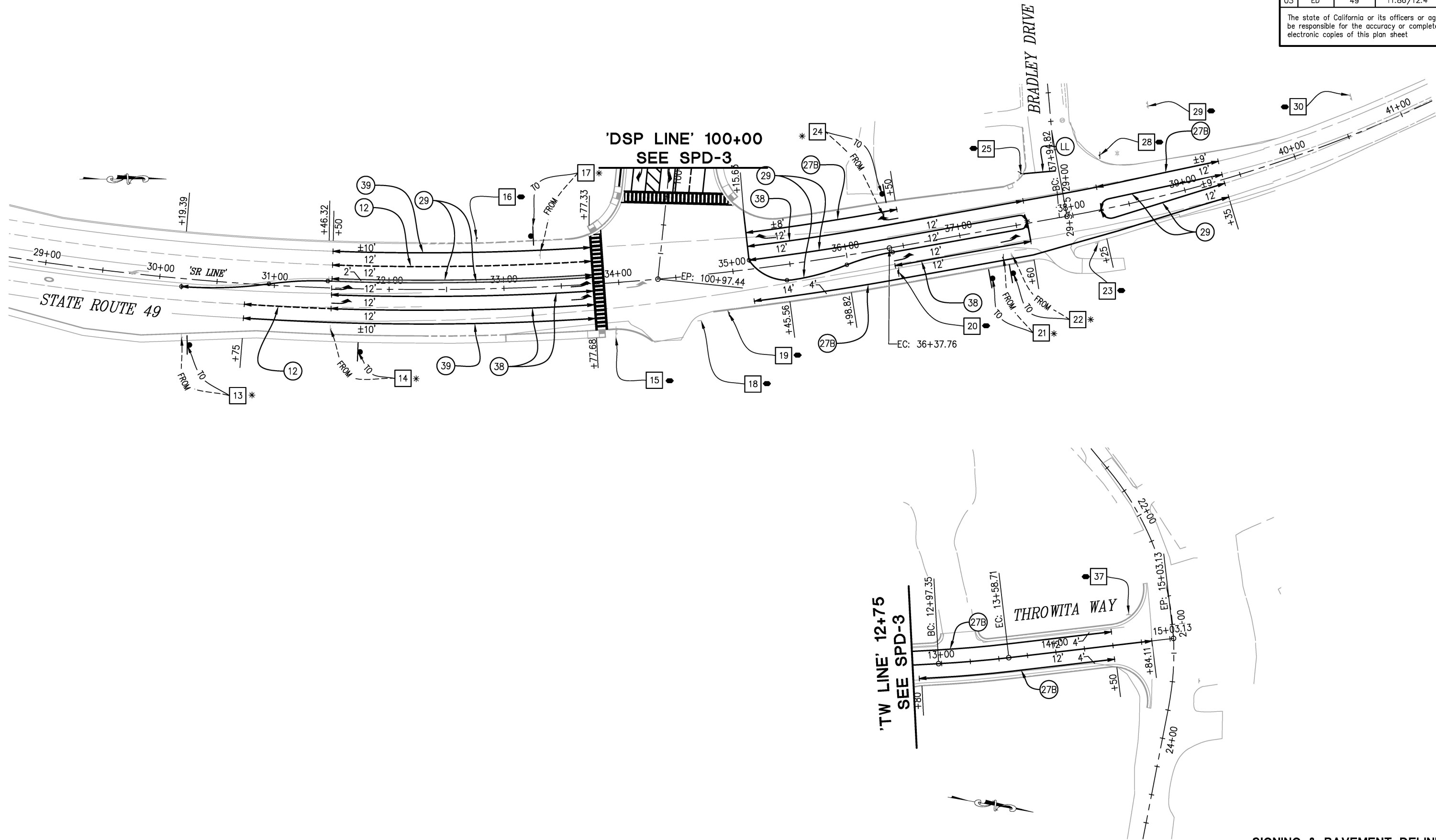
DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
SPD-3
110 OF 136
W.O. No. **72334**

FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES
Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\SPD Sheets.dwg Layout Tab: SPD-4 Jan 16, 2025 3:30pm Dharrington

DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	111	136

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SIGNING & PAVEMENT DELINEATION
SCALE : 1" = 40'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: DH
DRAWN: AN
CHECKED: JN
DATE: 1/28/2025
ROAD NUMBER:



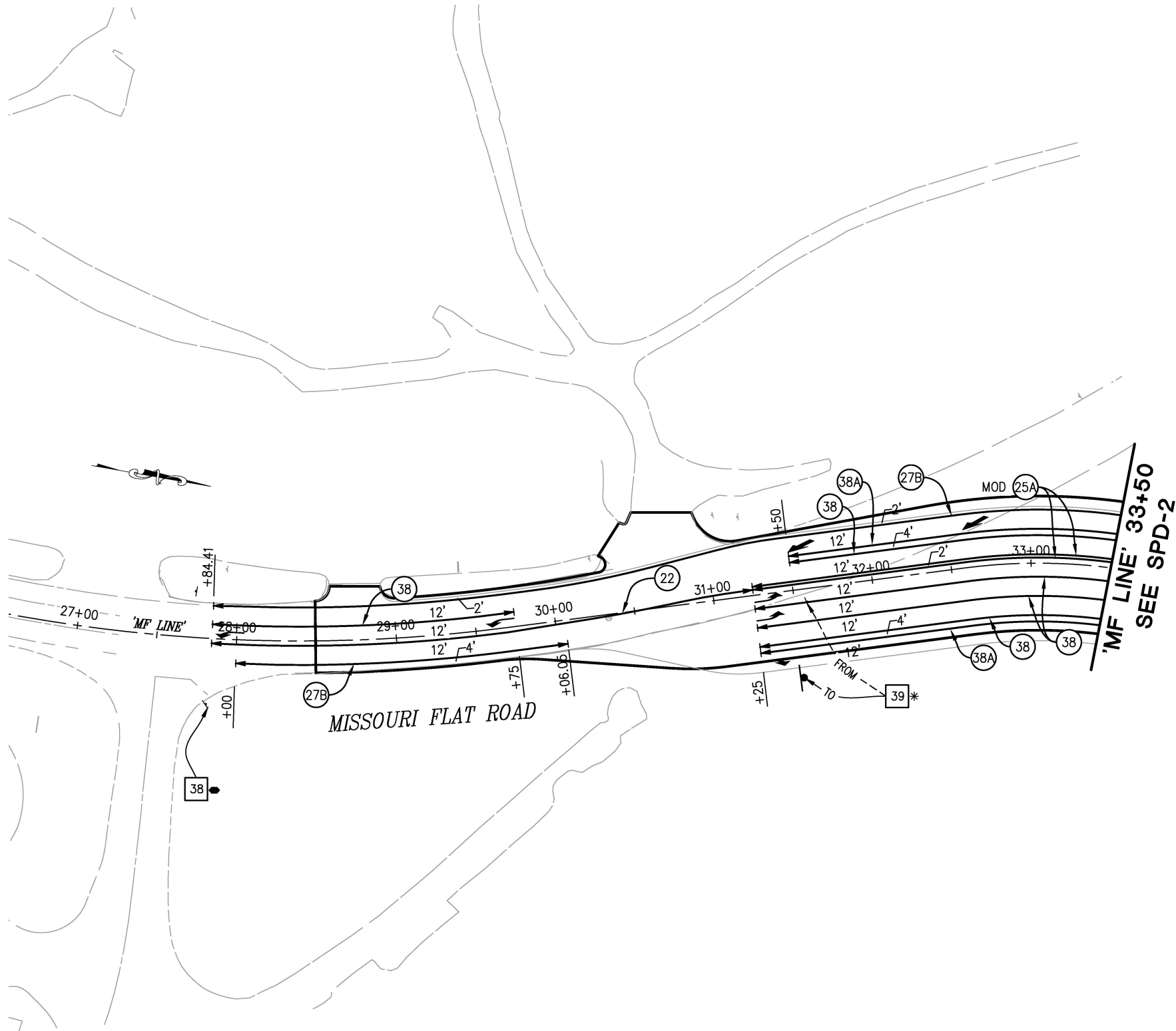
COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
SPD-4
111 OF 136
W.O. No. 72334

FOR REDUCED PLANS 2 ORIGINAL SCALE IS IN INCHES Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\SPD Sheets.dwg Layout Tab: SPD-5 Jan 16,2025 3:31pm Dharrington

DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	112	136
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SIGNING & PAVEMENT DELINEATION
THIS SHEET ACCURATE FOR SIGNING AND PAVEMENT DELINEATION WORK ONLY
SCALE : 1" = 40'

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :
[Signature]
REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: DH
CHECKED: JN
ROAD NUMBER:
DRAWN: AN
DATE: 1/28/2025



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

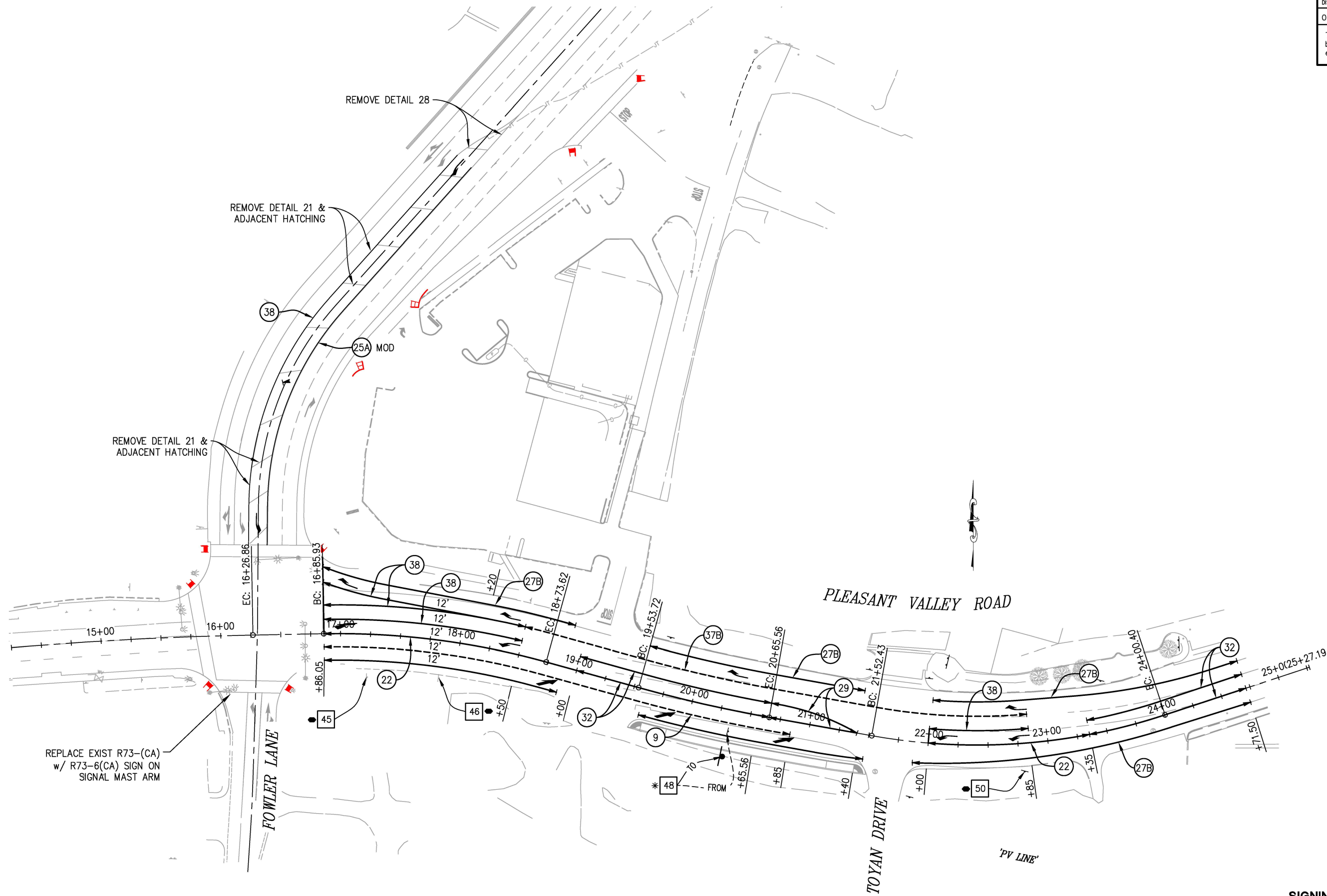
DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
SPD-5
112 OF 136
W.O. No. 72334

ORIGINAL SCALE IS IN INCHES
Drawing Name: Z:\Civil 3D Projects\72334 Diamond Springs Parkway\CAADD Files\Sheets\Ultimate\SPD Sheets.dwg Layout Tab: SPD-6 Jan 16, 2025 3:32pm Dharrington
FOR REDUCED PLANS

DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	113	136

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SIGNING & PAVEMENT DELINEATION
SCALE : 1" = 40'

THIS SHEET ACCURATE FOR SIGNING AND PAVEMENT DELINEATION WORK ONLY

CU ### EA 03-0E961

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :
[Signature]
REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: DH
CHECKED: JN
ROAD NUMBER:
DRAWN: AN
DATE: 1/28/2025



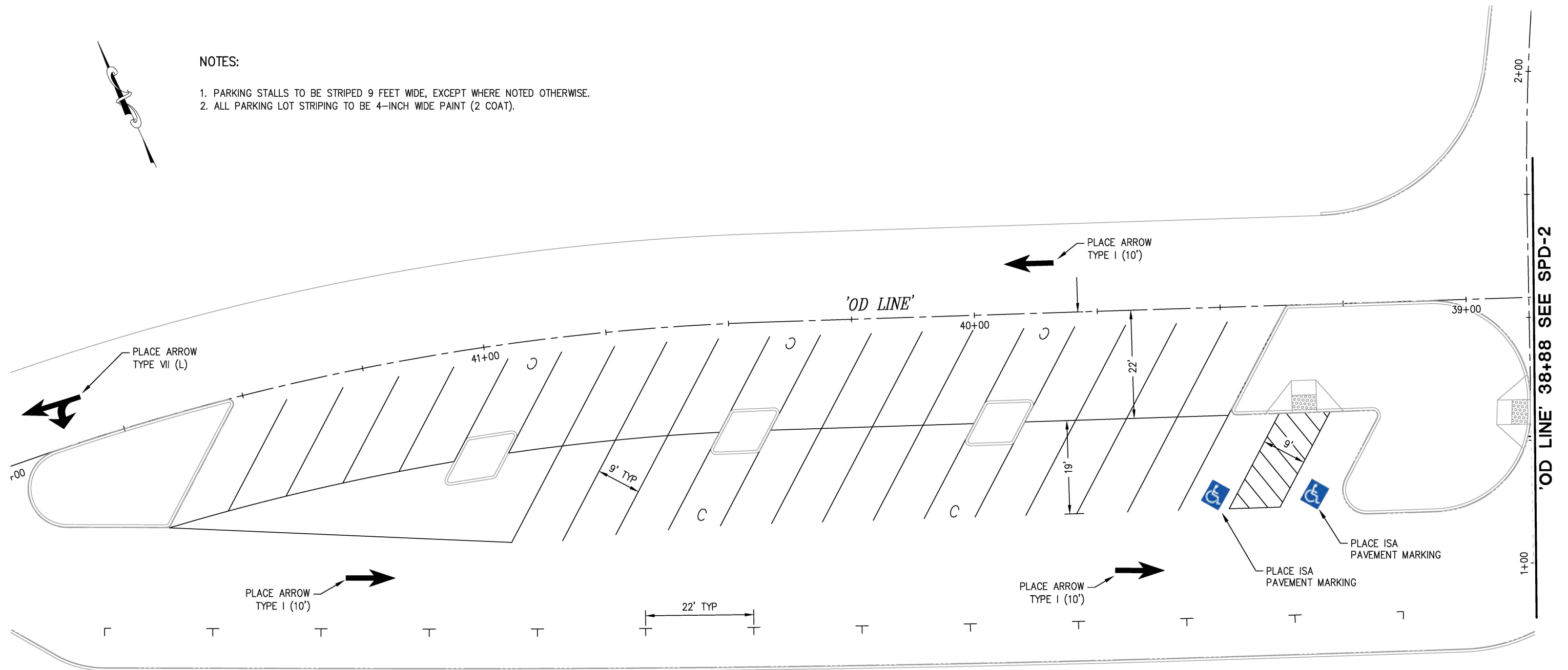
COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
SPD-6
113 OF 136
W.O. No. 72334

DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	114	136

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FOR REDUCED PLANS



0 1 2


ORIGINAL SCALE IS IN INCHES

Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\SPD Sheets.dwg Layout Tab: SPD-7 Jan 16, 2025 - 3:33pm DHarrington

REVISION				
	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :



REGISTERED CIVIL ENGINEER

DATE: 1/28/2025

DESIGNED: DH	DRAWN: AN
CHECKED: JN	DATE: 1/28/2025
ROAD NUMBER:	



THIS SHEET ACCURATE FOR SIGNING AND PAVEMENT DELINEATION WORK ONLY

SIGNING & PAVEMENT DELINEATION
SCALE : 1" = 10'

CU #####	EA 03-0E961
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COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

**DIAMOND SPRINGS PARKWAY
PHASE 1B**

SHEET
SPD-7
114 OF 136
W.O. No. **72334**

ORIGINAL SCALE: 1/8" = 1'-0" (1/8" = 1'-0")
Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\SPD-QUANTITIES.dwg
Layout Tab: SPD-8 Jan 16 2025 -- 3:34pm Dharrington

FOR REDUCED PLANS
0 1 2

ROADSIDE SIGN QUANTITIES						
SHEET No.	SIGN No.	SIGN CODE		NUMBER OF SIGN (ONE POST)	REMAIN	RELOCATE
				(EA)	(EA)	(EA)
SPD-1	1	R81A (CA)	BEGIN	1		
		R81 (CA)	BIKE LANE			
	2	R2-1	SPEED LIMIT (45MPH)		1	
	3	R26A (CA)	NO PARKING ANY TIME		1	
	4	D1-2	DESTINATION		1	
	5	R26A (CA)	NO PARKING ANY TIME			1
SPD-2	6	R26A (CA)	NO PARKING ANY TIME			1
	7	-	COMMERCIAL SIGN		1	
	8	D3-1	STREET NAME		1	
	9	W2-2	INTERSECTION WARNING			1
SPD-3	11	R81A (CA)	BEGIN	1		
		R81 (CA)	BIKE LANE			
	12	R81B (CA)	END	1		
		R81 (CA)	BIKE LANE	1		
SPD-4	13	W51 (CA)	SLOW TRUCK			1
	14	W1-1a	TURN / ADVISORY SPEED			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
	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	-	PRIVATE SIGN		1	
	32	-	PRIVATE SIGN		1	
	33	-	PRIVATE SIGN		1	
	34	-	PRIVATE SIGN		1	
	35	-	PRIVATE SIGN			1
	36	-	PRIVATE SIGN		1	
	SPD-5	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	
		OM1-3	OBJECT MARKER			
41		-	PRIVATE SIGN		1	
42		-	PRIVATE SIGN		1	
SPD-7	43	-	PRIVATE SIGN		1	
	44	-	PRIVATE SIGN		1	
	45	W9-1	RIGHT LANE END		1	
	46	R2-1	SPEED LIMIT (25MPH)		1	
		R48-1 (CA)	RADAR ENFORCED			
	47	-	PRIVATE SIGN		1	
	48	-	PRIVATE SIGN			1
	49	R1-1	STOP		1	
	50	G28-2 (CA)	HIGHWAY MARKER		1	
	51	G28-2 (CA)	HIGHWAY MARKER		1	
52	-	PRIVATE SIGN		1		
53	R1-1	STOP		1		
54	-	PRIVATE SIGN		1		
				4	37	12



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER
1/28/2025
DATE:

DESIGNED: DH
CHECKED: JN
ROAD NUMBER:
DRAWN: AN
DATE: 1/28/2025



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT DELINEATION QUANTITIES
SCALE : NONE

CU ####
EA 03-0E961

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
SPD-8
115 OF 136
W.O. No. 72334

DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	115	136
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STANDARD PLAN NO.	FROM	TO	THERMOPLASTIC TRAFFIC STRIPE		PAVEMENT MARKER (RETROREFLECTIVE-RECESSED)			
			HIGH VISIBILITY THERMOPLASTIC		TYPE D (EA)	TYPE G (EA)	TYPE H (EA)	TYPE RY (EA)
			6"-WHITE (LT)	6"-YELLOW (LT)				
DETAIL 12	'DSP LINE' 51+82.61-RT	DSP LINE' 66+45.36-RT	1,469			33		
	'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		
	'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		
DETAIL 21	'SR LINE' 31+50-LT	SR LINE' 33+77.42-LT	226			7		
	'TW LINE' 6+70	TW LINE' 9+41.35		272				
	'TW LINE' 10+64.62	TW LINE' 14+84.11		420				
DETAIL 22	'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			
	'MF LINE' 36+51.73	MF LINE' 38+59.71		416	22			
	'PV LINE' 16+86.05	PV LINE' 19+00		428	22			
DETAIL 25	'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
	'PV LINE' 16+86.05-LT	'PV LINE' 18+20-LT		139				9
DETAIL 25B	'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	
	'DSP LINE' 92+27.89-RT	DSP LINE' 100+20.63-LT		1,588			38	
DETAIL 27B	'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					
	'TW LINE' 6+70-RT	TW LINE' 9+40.29-RT	278					
	'TW LINE' 10+68-LT	TW LINE' 14+50-LT	383					
	'TW LINE' 10+62.40-RT	TW LINE' 11+90-RT	127					
	'TW LINE' 12+80-RT	TW LINE' 14+50-RT	171					
	'MF LINE' 28+00-RT	TW LINE' 14+50-RT	183					
	'MF LINE' 27+84.41-LT	TW LINE' 33+55-LT	576					
	'OD LINE' 34+66.16-RT	'OD LINE' 38+59.74-RT	317					
	'OD LINE' 34+66.16-LT	'OD LINE' 38+59.74-LT	277					
	'BR LINE' 20+25-LT	'BR LINE' 25+00-LT	475					
	'BR LINE' 20+25-RT	'BR LINE' 25+00-RT	475					
	'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					
DETAIL 29	'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			
	'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	26,205		455			

2 ORIGINAL SCALE IS IN INCHES
FOR REDUCED PLANS
Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\SPD-QUANTITIES.dwg Layout Tab: SPD-9 Jan 16 2025 -- 3:35pm Dharrington

DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	116	136
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THERMOPLASTIC TRAFFIC STRIPE						
STANDARD PLAN NO.	FROM	TO	HIGH VISIBILITY THERMOPLASTIC		TYPE D (EA)	TYPE G (EA)
			6"-WHITE (LT)	8"-WHITE (LT)		
DETAIL 32	DSP LINE' 53+25-LT	'DSP LINE' 64+50-LT		1,688	63	
	DSP LINE' 53+25-RT	'DSP LINE' 64+50-RT		1,902	70	
	DSP LINE' 71+00-LT	'DSP LINE' 88+00-LT		2,552	93	
	DSP LINE' 71+00-RT	'DSP LINE' 88+00-RT		2,552	93	
	'PV LINE' 16+86.05	'PV LINE' 20+65.56		567	24	
	'PV LINE' 19+00-LT	'PV LINE' 20+65.56-LT		248	13	
DETAIL 38	'DSP LINE' 51+82.61-LT	'DSP LINE' 53+25-LT		143		8
	'DSP LINE' 62+75-RT	'DSP LINE' 66+45.26-RT		370		17
	'DSP LINE' 64+50-RT	'DSP LINE' 66+45.26-RT		195		10
	'DSP LINE' 65+91.47-RT	'DSP LINE' 66+52.03-RT		69		4
	'DSP LINE' 66+59.20-RT	'MF LINE' 34+65.60-LT		73		4
	'DSP LINE' 67+67.70-LT	'DSP LINE' 69+25-LT		157		9
	'DSP LINE' 67+67.70-LT	'DSP LINE' 71+00-LT		332		16
	'DSP LINE' 87+50-RT	'DSP LINE' 91+20.69-RT		371		18
	'DSP LINE' 88+00-RT	'DSP LINE' 91+20.69-RT		321		16
	'DSP LINE' 92+23.51-LT	'DSP LINE' 97+00-LT		477		22
	'SR LINE' 31+50-RT	'SR LINE' 77+68-RT		477		22
	'SR LINE' 31+50-RT	'SR LINE' 33+77.68-RT		228		11
	'SR LINE' 31+50-RT	'SR LINE' 33+77.68-RT		228		11
	'SR LINE' 35+15.63-LT	'SR LINE' 38+25-LT		310		15
	'SR LINE' 36+37.76-RT	'SR LINE' 37+60-RT		122		7
	'TW LINE' 8+07-RT	'TW LINE' 9+40.29-RT		133		8
	'TW LINE' 9+00-RT	'TW LINE' 9+40.29-RT		45		3
	'MF LINE' 27+84.41-LT	'MF LINE' 29+75-LT		191		10
	'MF LINE' 31+25-RT	'MF LINE' 34+25.83-RT		301		15
	'MF LINE' 31+25-RT	'MF LINE' 34+25.83-RT		301		15
	'MF LINE' 31+25-RT	'MF LINE' 34+25.83-RT		301		15
	'PV LINE' 16+86.05-LT	'PV LINE' 18+50-LT		164		9
	'PV LINE' 16+86.05-RT	'PV LINE' 20+85-RT		399		19
	'PV LINE' 18+20-LT	'PV LINE' 22+85-LT		465		21
	'PV LINE' 22+00-LT	'PV LINE' 22+85-LT		85		6
	'PV LINE' 23+35-LT	'PV LINE' 24+71.50-LT		137		8
	'MF LINE' 30+06.05-RT	'MF LINE' 31+25-RT	121			
	'MF LINE' 30+06.05-RT	'MF LINE' 31+25-RT	121			
	'MF LINE' 31+50-LT	'MF LINE' 34+30.23-LT	288			
	'MF LINE' 31+50-LT	'MF LINE' 34+30.23-LT	288			
	'DSP LINE' 51+82.61-RT	'DSP LINE' 61+75-RT	993			
	'DSP LINE' 51+88.96-LT	'DSP LINE' 66+45.26-LT	1,456			
	'DSP LINE' 62+75-RT	'DSP LINE' 66+45.26-LT	370			
	'DSP LINE' 67+45.26-LT	'DSP LINE' 69+25-LT	180			
	'DSP LINE' 67+45.26-RT	'DSP LINE' 86+50-RT	1,905			
	'DSP LINE' 70+25-LT	'DSP LINE' 91+20.69-LT	2,095			
	'DSP LINE' 87+50-RT	'DSP LINE' 91+28.22-LT	378			
	'DSP LINE' 92+23.51-LT	'DSP LINE' 100+24.18-LT	801			
	'DSP LINE' 92+23.51-RT	'DSP LINE' 100+24.18-RT	801			
	'SR LINE' 30+75-RT	SR LINE' 33+77.68-RT	303			
	'SR LINE' 31+50-LT	SR LINE' 33+77.33-LT	227			
		SUBTOTAL	10,327	15,902		319
		TOTAL		26,229		319

	PAVEMENT MARKINGS									
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
THIS SHEET ACCURATE FOR SIGNING AND PAVEMENT DELINEATION WORK ONLY
SCALE : NONE

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER
1/28/2025
DATE:

DESIGNED: DH
CHECKED: JN
ROAD NUMBER:
DRAWN: AN
DATE: 1/28/2025



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

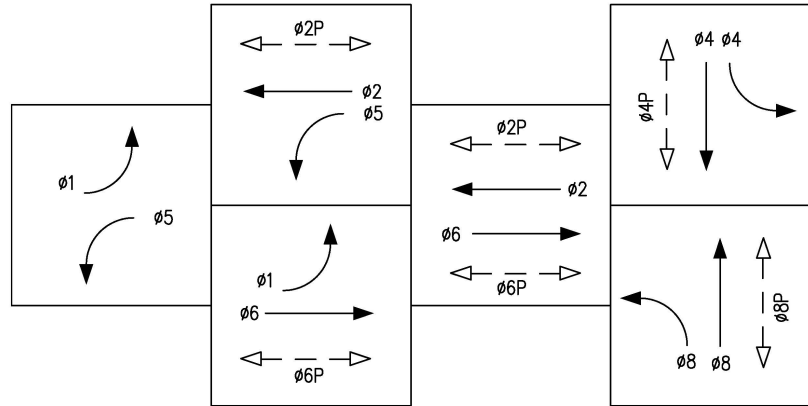
DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
SPD-9
116 OF 136
W.O. No. 72334

ORIGINAL SCALE IS IN INCHES
Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\E Sheets Recover.dwg Layout Tab: E-1 Jan 26, 2025 10:34pm Dharrington
FOR REDUCED PLANS

DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	117	136

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PROPOSED TRAFFIC PHASE DIAGRAM

DESIGN SPEED:
MISSOURI FLAT ROAD = 35 MPH
DIAMOND SPRINGS PKWY. = 45 MPH

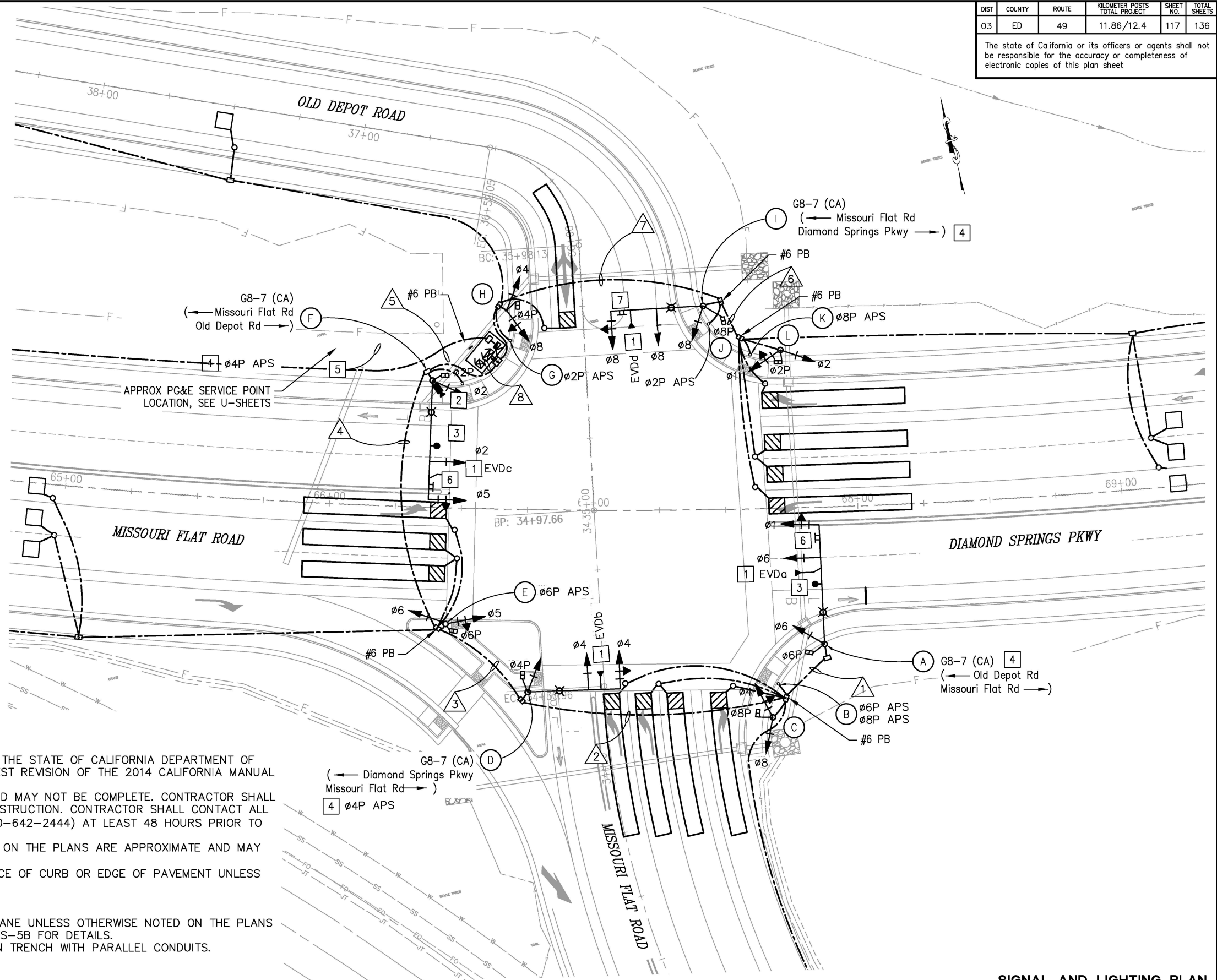
EVDa = Ø1, Ø6
EVDb = Ø4
EVDc = Ø2, Ø5
EVDd = Ø8

PROJECT NOTES (FOR THIS SHEET ONLY):

1. INSTALL EVD ON SIGNAL HEAD, SEE DETAIL ON SHEET E-12.
2. INSTALL CCTV AND CABLE TO CONTROLLER CABINET. ATTACH CCTV CAMERA TO STANDARD BELOW LUMINAIRE MAST ARM PER RSP ES-7R.
3. INSTALL DEPARTMENT-FURNISHED GRIDSART CAMERA ON LUMINAIRE MAST ARM FOR FOR VEHICLE/BIKE DETECTION WITH THE PERFORMANCE MODULE.
4. INSTALL PEDESTRIAN SIGNAL MODULE WITH COUNTDOWN.
5. 2"C, 3#2 (SERVICE), CONDUIT SHALL BE INSTALLED 30" BELOW GRADE.
6. INSTALL SIGN R73-2 (CA).
7. INSTALL SIGN R73-6 (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 OF UNIFORM TRAFFIC CONTROL DEVICES, AND THE SPECIAL PROVISIONS.
2. 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.
3. 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.
4. 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.
5. ALL PULL BOXES SHALL BE No. 5 UNLESS OTHERWISE NOTED ON THE PLANS.
6. SEE DETAIL ON SHEET E-12 FOR PULL BOXES.
7. 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.
8. 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. ALL SIGNAL HEADS SHALL HAVE A 2-INCH TYPE XI FLUORESCENT YELLOW RETROREFLECTIVE STRIP AROUND THE PERIMETER FACE.



SIGNAL AND LIGHTING PLAN
INTERSECTION 1
SCALE: 1" = 20'

THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY

CU ### EA 03-0E961



PREPARED UNDER THE SUPERVISION OF:

REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: AN
DRAWN: AN
CHECKED: DH
DATE: 1/28/2025
ROAD NUMBER:



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

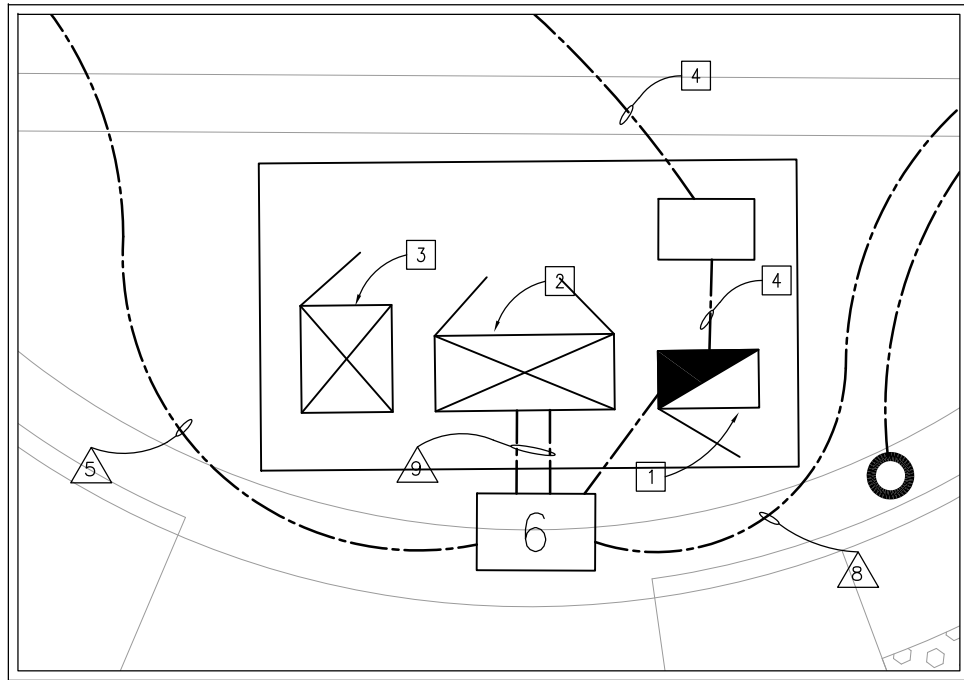
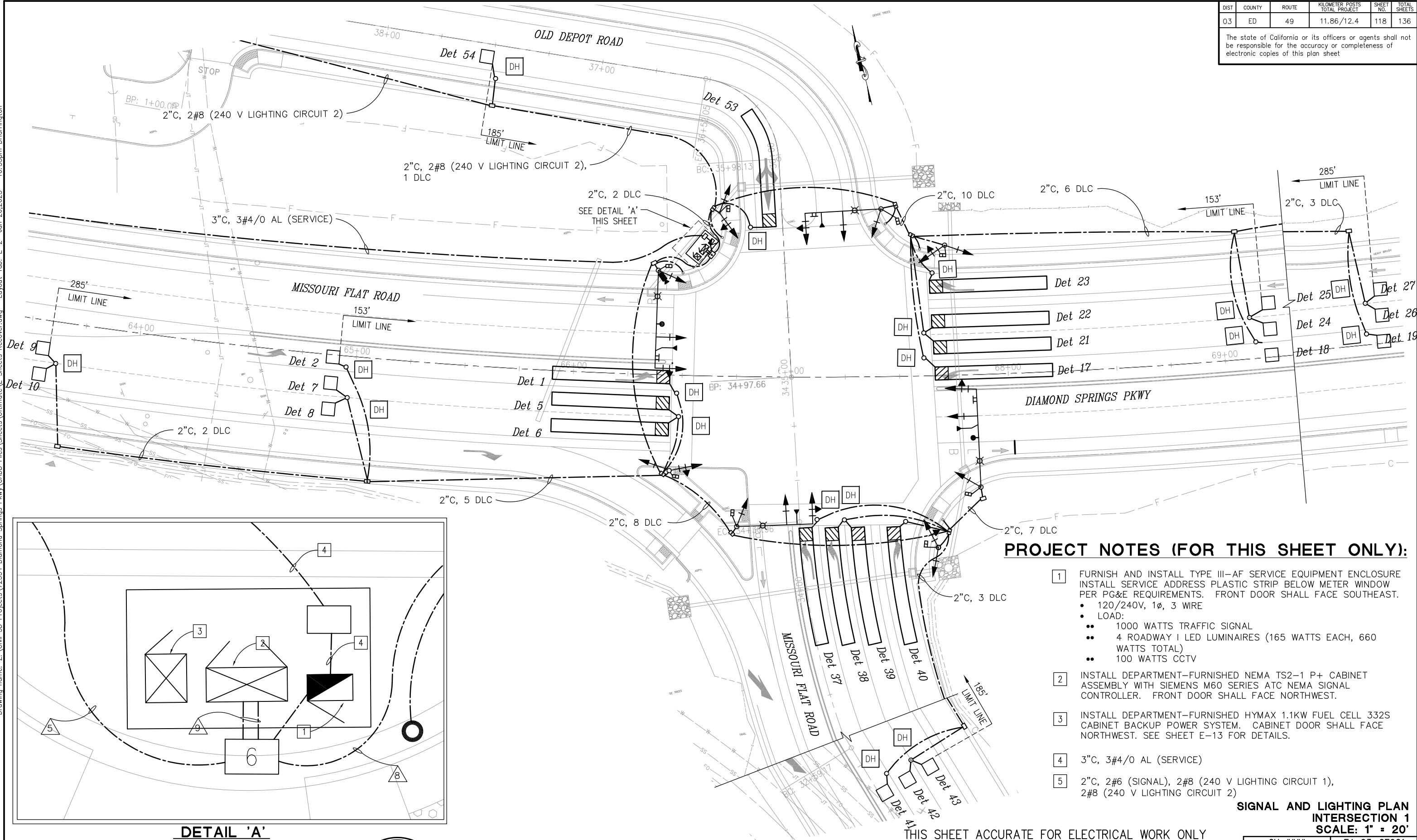
DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
E-1
117 OF 136
W.O. No. 72334

ORIGINAL SCALE IS IN INCHES
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DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	118	136

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DETAIL 'A'
NO SCALE

PROJECT NOTES (FOR THIS SHEET ONLY):

- FURNISH AND INSTALL TYPE III-AF SERVICE EQUIPMENT ENCLOSURE. INSTALL SERVICE ADDRESS PLASTIC STRIP BELOW METER WINDOW PER PG&E REQUIREMENTS. FRONT DOOR SHALL FACE SOUTHEAST.
 - 120/240V, 1Ø, 3 WIRE
 - LOAD:
 - 1000 WATTS TRAFFIC SIGNAL
 - 4 ROADWAY I LED LUMINAIRES (165 WATTS EACH, 660 WATTS TOTAL)
 - 100 WATTS CCTV
- INSTALL DEPARTMENT-FURNISHED NEMA TS2-1 P+ CABINET ASSEMBLY WITH SIEMENS M60 SERIES ATC NEMA SIGNAL CONTROLLER. FRONT DOOR SHALL FACE NORTHWEST.
- INSTALL DEPARTMENT-FURNISHED HYMAX 1.1KW FUEL CELL 332S CABINET BACKUP POWER SYSTEM. CABINET DOOR SHALL FACE NORTHWEST. SEE SHEET E-13 FOR DETAILS.
- 3" C, 3#4/0 AL (SERVICE)
- 2" C, 2#6 (SIGNAL), 2#8 (240 V LIGHTING CIRCUIT 1), 2#8 (240 V LIGHTING CIRCUIT 2)

SIGNAL AND LIGHTING PLAN
INTERSECTION 1
SCALE: 1" = 20'

THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: AN
CHECKED: DH
DATE: 1/28/2025
ROAD NUMBER:



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
E-2
118 OF 136
W.O. No. 72334

2
1
0
FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES
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DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	119	136
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POLE AND EQUIPMENT SCHEDULE														
NO.	STANDARD			VEHICLE SIGNAL MOUNTING			PEDESTRIAN SIGNAL MOUNTING		PBA		LED LUMINAIRE	LOCATION		REMARKS *
	TYPE	SIG. MA (FT)	LUM. MA (FT)	ø	MAST ARM	ø	ø	POLE	ø	ARROW		STATION **	OFFSET	
Ⓐ	26-3-100	45	12	6	MAS MAS	6		SV-1-T	6		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 EVDa ON SIGNAL HEAD. INSTALL G8-7 (CA) ON STANDARD DIRECTLY ABOVE SIGNAL MAST ARM CONNECTION WITH STRAP & SADDLE BRACKET METHOD. F=13.6'
Ⓑ	PBA								6 8	→ ←		'DSP' 67+68.37	66.38 RT	INSTALL APS SIGN.
Ⓒ	1-B					4 8		TV-2-T	8			'DSP' 67+66.04	79.01 RT	
Ⓓ	24-3-100	35	12	4	MAS-4B	4		SV-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'
Ⓔ	1-B					5 6		TV-2-T	6	←		'DSP' 66+45.20	43.94 RT	INSTALL APS SIGN.
Ⓕ	26-3-100	45	12	2 5	MAS MAS	2		SV-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'
Ⓖ	PBA								4	←		'DSP' 66+67.27	63.86 LT	INSTALL APS SIGN.
Ⓗ	1-B					4 8		TV-2-T	4			'DSP' 66+65.72	75.17 LT	
Ⓘ	24-3-100	35	12	8	MAS-4B	8		SV-1-T	4		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'
Ⓙ	PBA								2	→		'DSP' 67+44.41	70.29 LT	INSTALL APS SIGN.
Ⓚ	PBA					1			8	←		'DSP' 67+60.40	58.44 LT	INSTALL APS SIGN.
Ⓛ	1-B					2		TV-2-T	2			'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																		
AWG SIZE OR CABLE TYPE	PHASE Ø	POLE OR CIRCUIT	RUN No.															
			1	2	3	4	5	6	7	8	9							
12/3 CONDUCTOR SIGNAL CABLES	1, 6, 6P	POLE (A)	1	1	1	1	1					1						
	6PBA, 8PBA	POLE (B)			1	1	1	1					1					
	4, 8, 8P	POLE (C)		1	1	1	1	1				1						
	4, 4P	POLE (D)			1	1	1	1				1	1					
	5, 6, 6P	POLE (E)				1	1	1				1	1					
	2, 2P, 5	POLE (F)					1	1				1	1					
	2PBA, 4PBA	POLE (G)											1					
	4, 4P, 8	POLE (H)									1	1						
	8, 8P	POLE (I)								1	1	1						
	2PBA	POLE (J)									1	1	1					
	8PBA	POLE (K)							1	1	1	1	1					
	1, 2, 2P	POLE (L)							1	1	1	1	1					
TOTAL CABLES 12/3 CONDUCTORS			1	2	3	2	4	3	5	4	1	1	2	2	3	2	8	7
#8	LIGHTING CIRCUIT 1 (240V)					2	2	2	2									2
#6	CONTROLLER SERVICE (120V)																	2
TYPE B DLC	Det 1, 2						2	2										2
	Det 5, 6, 7, 8, 9, 10							6	6									6
	Det 17, 18, 19										3	3	3	3				3
	Det 21, 22, 23, 24, 25, 26, 27											7	7	7	7			7
	Det 37, 38, 39, 40, 41, 42. 43		7	7	7	7	7	7										7
	Det 53, 54											2						2
TOTAL			7	7	7	15	15	10	10	12	10	25						
GRIDSMART CAMERA CABLE			2	2	2	2	4										4	
EVD			1	1	2	2	3			1	1	4					4	
CCTV CAMERA INTERCONNECT CAT 5 CABLE							1										1	
CONDUIT SIZE			3"	3"	4"	2-4"	2-4"	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.

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: AN
DRAWN: AN
CHECKED: DH
DATE: 1/28/2025
ROAD NUMBER:



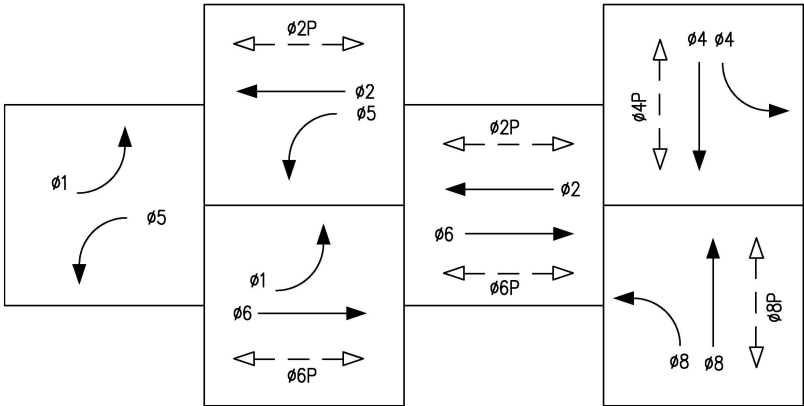
COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
E-3
119 OF 136
W.O. No. 72334

SIGNAL AND LIGHTING PLAN
INTERSECTION 1
SCALE : NONE
THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY
CU #### EA 03-0E961

ORIGINAL SCALE IS IN INCHES
Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\E_Sheets Recover.dwg Layout Tab: E-4 Jan 26, 2025 10:57pm Dharrington
FOR REDUCED PLANS



PROPOSED TRAFFIC PHASE DIAGRAM

DESIGN SPEED:
THROWITA WAY = 35 MPH
DIAMOND SPRINGS PKWY. = 45 MPH

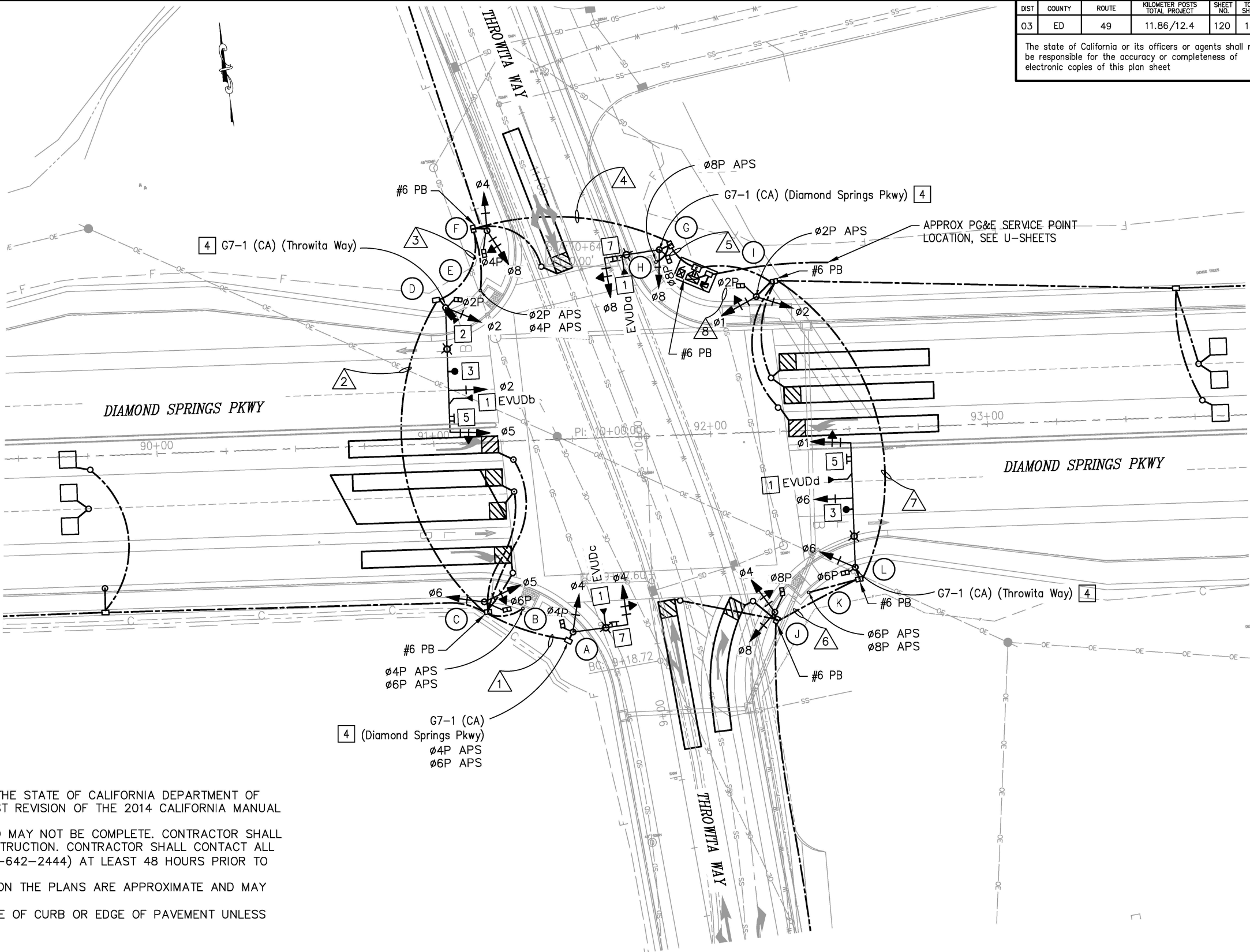
EVDa = ø8
EVDb = ø2, ø5
EVDc = ø4
EVDd = ø1, ø6

PROJECT NOTES (FOR THIS SHEET ONLY):

1. INSTALL EVD ON SIGNAL HEAD, SEE DETAIL ON SHEET E-12.
2. INSTALL CCTV AND CABLE TO CONTROLLER CABINET. ATTACH CCTV CAMERA TO STANDARD BELOW LUMINAIRE MAST ARM PER RSP ES-7R.
3. INSTALL DEPARTMENT-FURNISHED GRIDSMART CAMERA ON LUMINAIRE MAST ARM FOR VEHICLE/BIKE DETECTION WITH THE PERFORMANCE MODULE.
4. INSTALL PEDESTRIAN SIGNAL MODULE WITH COUNTDOWN. APS TO INCLUDE AUDIBLE LOCATOR TONES.
5. INSTALL SIGN R73-2 (CA).
6. 2"C, 3#2 (SERVICE), CONDUIT SHALL BE INSTALLED 30" BELOW GRADE.
7. INSTALL SIGN R73-4 (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 OF UNIFORM TRAFFIC CONTROL DEVICES, AND THE SPECIAL PROVISIONS.
2. 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.
3. 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.
4. 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.
5. ALL PULL BOXES SHALL BE No. 5 UNLESS OTHERWISE NOTED ON THE PLANS.
6. SEE DETAIL ON SHEET E-12 FOR PULL BOXES.
7. 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.
8. 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. ALL SIGNAL HEADS SHALL HAVE A 2-INCH TYPE XI FLUORESCENT YELLOW RETROREFLECTIVE STRIP AROUND THE PERIMETER FACE.



SIGNAL AND LIGHTING PLAN
INTERSECTION 2
SCALE: 1" = 20'

THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY

CU ### EA 03-0E961

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: AN
DRAWN: AN
CHECKED: DH
DATE: 1/28/2025
ROAD NUMBER:

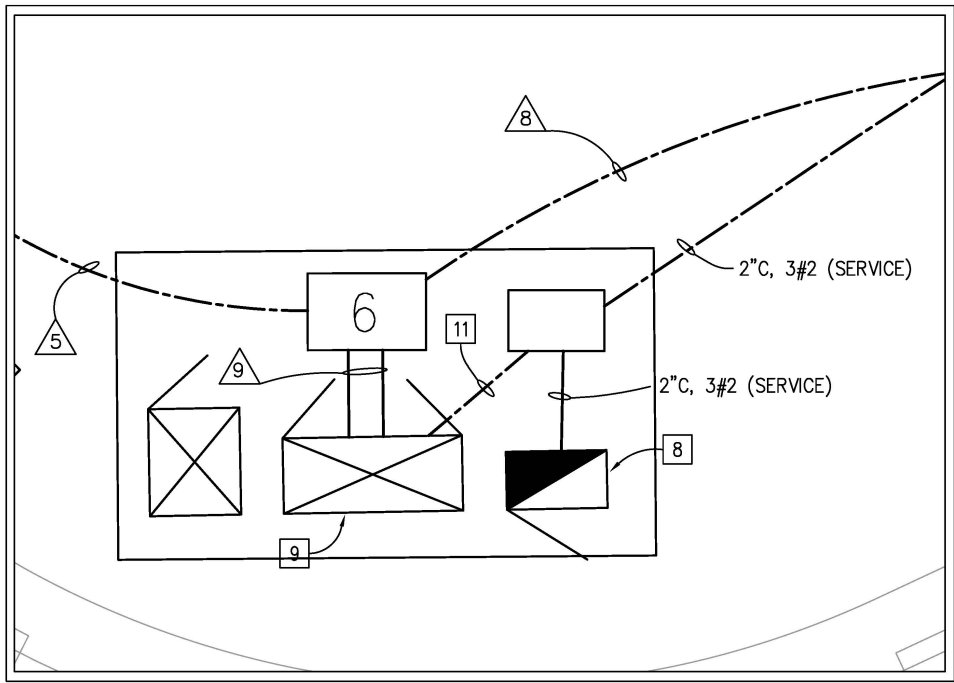


COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
E-4
120 OF 136
W.O. No. 72334

ORIGINAL SCALE IS IN INCHES
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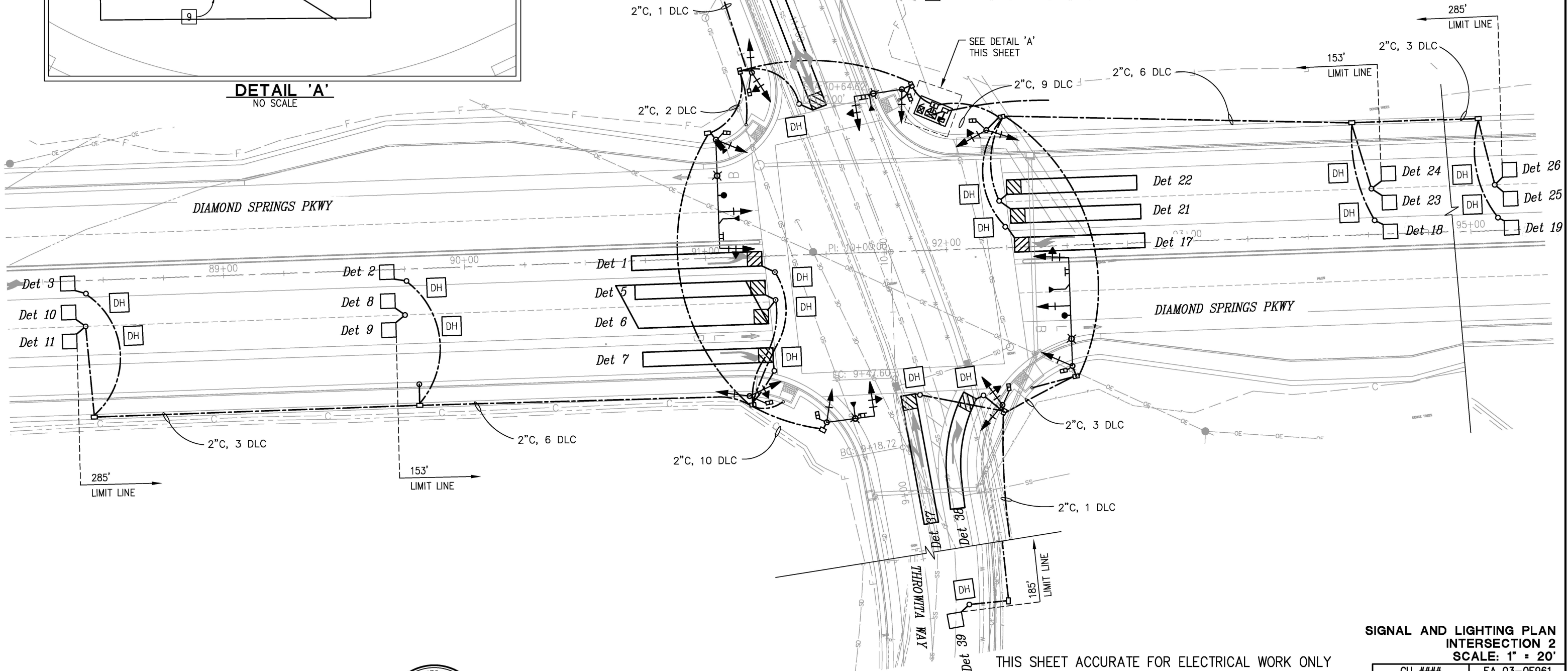
DETAIL 'A'
NO SCALE

PROJECT NOTES (FOR THIS SHEET ONLY):

- 8 FURNISH AND INSTALL TYPE III-AF SERVICE EQUIPMENT ENCLOSURE
INSTALL SERVICE ADDRESS PLASTIC STRIP BELOW METER WINDOW
PER PG&E REQUIREMENTS. FRONT DOOR SHALL FACE SOUTHEAST.
- 120/240V, 1Ø, 3 WIRE
 - LOAD:
 - 1000 WATTS TRAFFIC SIGNAL
 - 4 ROADWAY I LED LUMINAIRES (165 WATTS EACH, 660 WATTS TOTAL)
 - 100 WATTS CCTV
- 9 INSTALL DEPARTMENT-FURNISHED NEMA TS2-1 P+ CABINET
ASSEMBLY WITH SIEMENS M60 SERIES ATC NEMA SIGNAL
CONTROLLER. FRONT DOOR SHALL FACE NORTHWEST.
- 10 INSTALL DEPARTMENT-FURNISHED HYMAX 1.1KW FUEL CELL 332S
CABINET BACKUP POWER SYSTEM. CABINET DOOR SHALL FACE
NORTHWEST. SEE SHEET E-13 FOR DETAILS.
- 11 2" C, 2#6 (SIGNAL), 2#8 (LIGHTING)

DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	121	136

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CONDUCTOR & CONDUIT SCHEDULE

AWG SIZE OR CABLE TYPE	PHASE Ø	POLE OR CIRCUIT	RUN No.									
			1	2	3	4	5	6	7	8	9	
12/3 CONDUCTOR SIGNAL CABLES	4, 4P 4PBA, 6PBA	POLE (A)	1	1	1	1	1				1	
				1	1	1	1				1	
	5, 6, 6P	POLE (C)		1	1	1	1				1	
	2, 2P, 5	POLE (D)			1	1	1				1	
	2PBA, 4PBA	POLE (E)				1	1				1	
	4, 4P, 8	POLE (F)				1	1				1	
	8, 8P	POLE (G)					1				1	
	8PBA	POLE (H)					1				1	
	1, 2, 2P	POLE (I)								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	1	
	TOTAL CABLES 12/3 CONDUCTORS		1	2	3	4	5	1	2	3	8	5
#8	LIGHTING (240V)			2	2	2	2		2	2	4	
#6	CONTROLLER SERVICE (120V)										2	
TYPE B DLC	Det 1, 2, 3			3	3	3	3	3			3	
	Det 5, 6, 7, 8, 9, 10, 11			7	7	7	7	7			7	
	Det 17, 18, 19									3	3	
	Det 21, 22, 23, 24, 25, 26									6	6	
	Det 37, 38, 39							3	3	3	3	
	Det 53, 54					2	2				2	
	TOTAL			10	10	12	12	13	3	12	24	
	GRIDSMART CAMERA CABLE				2	2	2	2	2	4		
	EVD		1	1	2	2	3		1	1	4	
	CCTV CAMERA INTERCONNECT CAT 5 CABLE				1	1	1				1	
CONDUIT SIZE			3"	4"	2-4"	2-4"	2-4"	4"	3"	4"	3-4"	
% FILL			11	17	11	14	17	11	19	21	18	

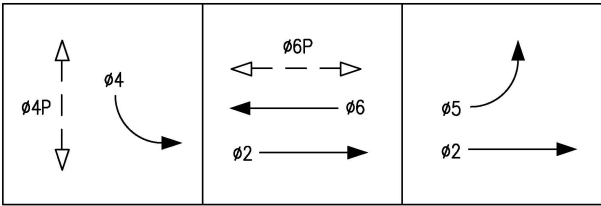
NOTES:

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.

THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY

CU ####	EA 03-0E961
PARKWAY 3	SHEET E-6 122 OF 136
	W.O. No. 72334

2 ORIGINAL SCALE IS IN INCHES
Drawing Name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Ultimate\E Sheets\Recover.dwg Layout Tab: E-7 Jan 26, 2025 - 11:01pm Dharrington
FOR REDUCED PLANS



PROPOSED TRAFFIC PHASE DIAGRAM

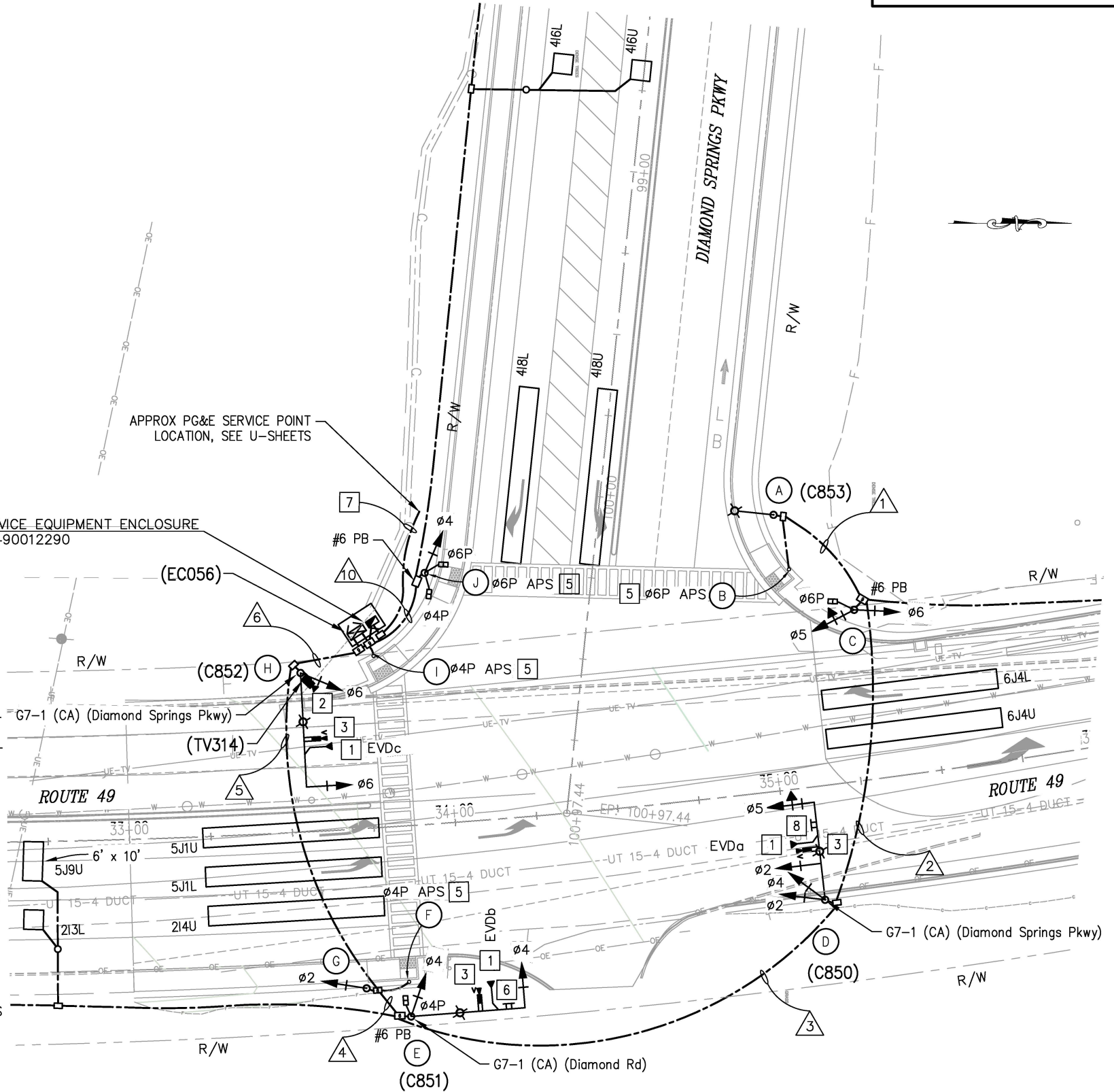
DESIGN SPEED: EVDa = Ø2, Ø5
SR 49 = 40 MPH EVDb = Ø4
DIAMOND SPRINGS PKWY = 45 MPH EVDc = Ø6

PROJECT NOTES (FOR THIS SHEET ONLY):

1. INSTALL EVD ON SIGNAL HEAD, SEE DETAIL ON SHEET E-12.
2. INSTALL CCTV AND CABLE TO CONTROLLER CABINET. ATTACH CCTV CAMERA TO STANDARD BELOW LUMINAIRE MAST ARM PER RSP ES-7R.
3. INSTALL VIDEO DETECTION CAMERA PER MANUFACTURER SPECIFICATION. PROGRAM CAMERA FOR VIDEO DETECTION ZONES FOR EACH LANE AS SHOWN ON THE PLAN. ADJUST CAMERA AS NECESSARY.
5. INSTALL PEDESTRIAN SIGNAL MODULE WITH COUNTDOWN AND TOUCH-FREE PEDESTRIAN PUSH BUTTON. APS TO INCLUDE AUDIBLE LOCATOR TONES.
6. INSTALL SIGN R73-2 (CA).
7. 2" C, 3#2 (SERVICE), CONDUIT SHALL BE INSTALLED 30" BELOW GRADE.
8. 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 OF UNIFORM TRAFFIC CONTROL DEVICES, AND THE SPECIAL PROVISIONS.
2. 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.
3. 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.
4. 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.
5. ALL PULL BOXES SHALL BE No. 5 UNLESS OTHERWISE NOTED ON THE PLANS.
6. SEE DETAIL ON SHEET E-12 FOR PULL BOXES.
7. 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.
8. 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 FACE.
16. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE CALTRANS DISTRICT OFFICE.



SIGNAL AND LIGHTING PLAN
INTERSECTION 3
SCALE: 1" = 20'

THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: AN
DRAWN: AN
CHECKED: DH
DATE: 1/28/2025
ROAD NUMBER:

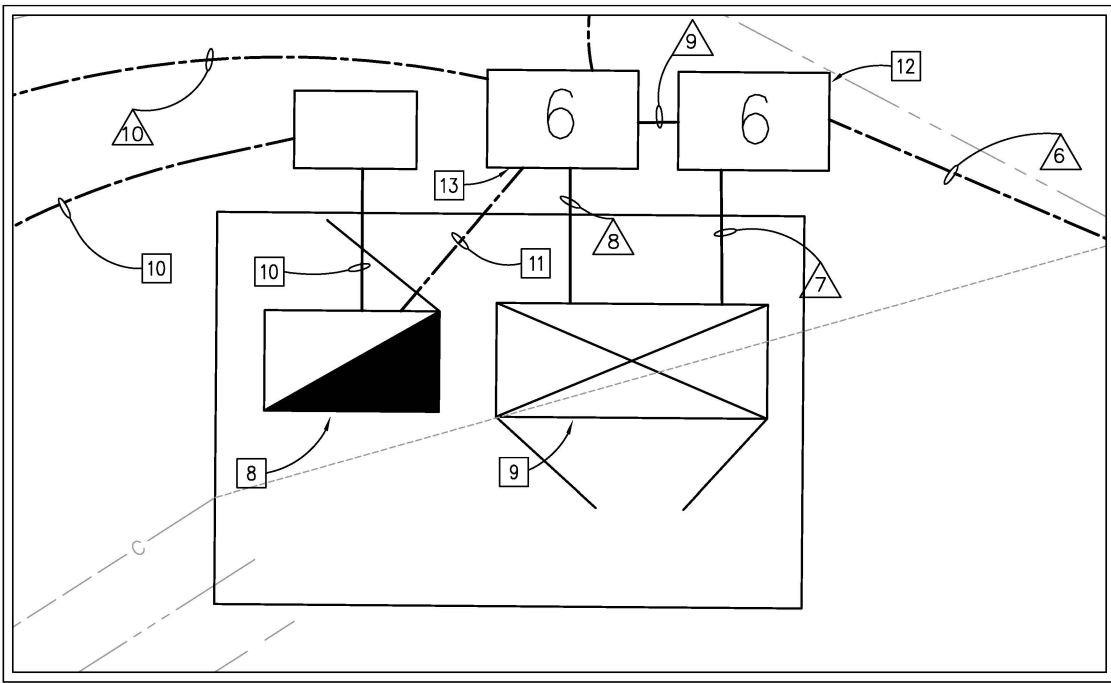


COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

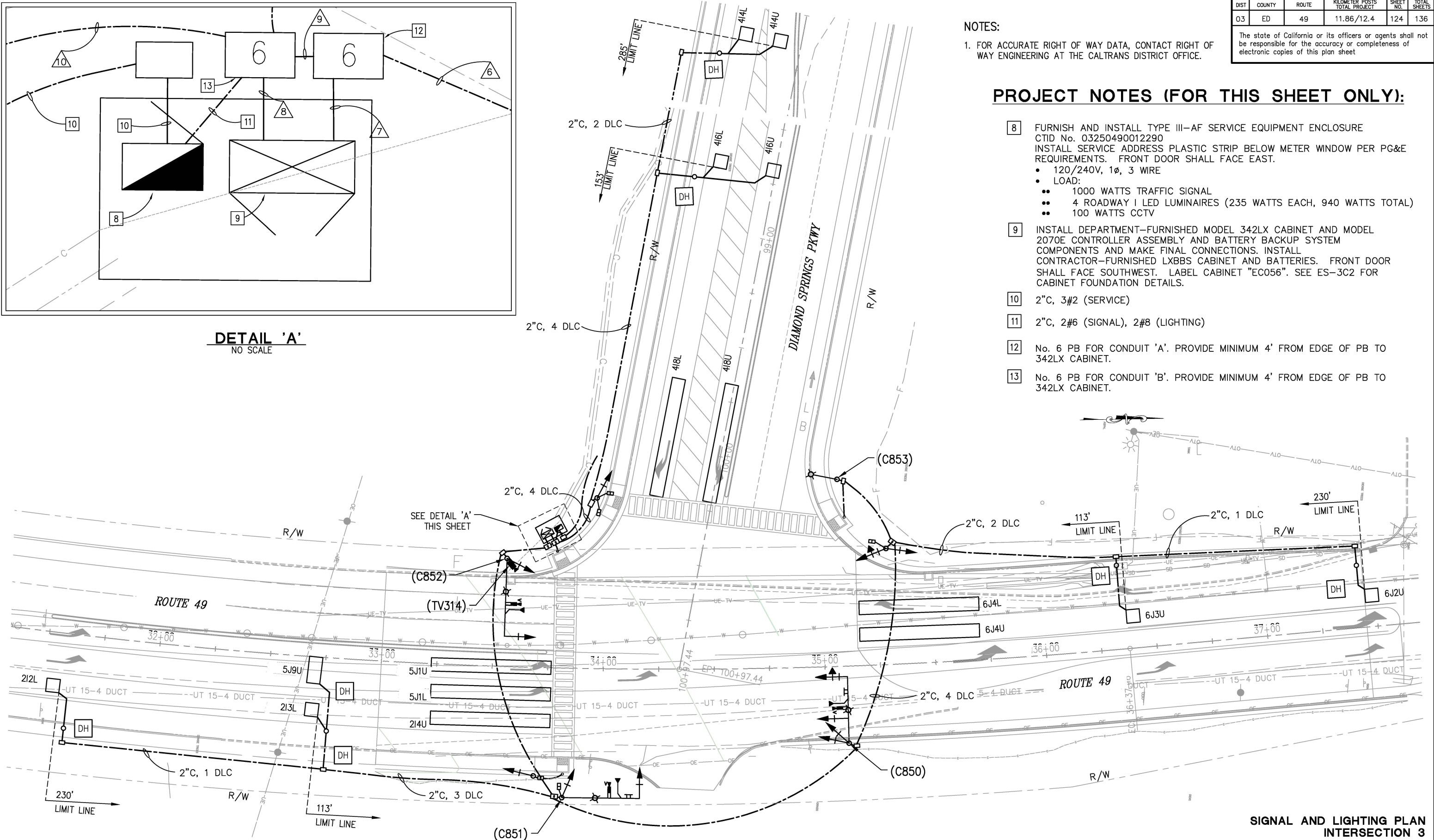
DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
E-7
123 OF 136
W.O. No. 72334

ORIGINAL SCALE IS IN INCHES
Drawing Name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Ultimate\ Sheets Recover.dwg Layout Tab: E-8 Jan 26, 2025 11:03pm Dharrington



DETAIL 'A'
NO SCALE



NOTES:
1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE CALTRANS DISTRICT OFFICE.

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

PROJECT NOTES (FOR THIS SHEET ONLY):

- 8 FURNISH AND INSTALL TYPE III-AF SERVICE EQUIPMENT ENCLOSURE CTID No. 03250490012290
INSTALL SERVICE ADDRESS PLASTIC STRIP BELOW METER WINDOW PER PG&E REQUIREMENTS. FRONT DOOR SHALL FACE EAST.
 - 120/240V, 1Ø, 3 WIRE
 - LOAD:
 - 1000 WATTS TRAFFIC SIGNAL
 - 4 ROADWAY I LED LUMINAIRES (235 WATTS EACH, 940 WATTS TOTAL)
 - 100 WATTS CCTV
- 9 INSTALL DEPARTMENT-FURNISHED MODEL 342LX CABINET AND MODEL 2070E CONTROLLER ASSEMBLY AND BATTERY BACKUP SYSTEM COMPONENTS AND MAKE FINAL CONNECTIONS. INSTALL CONTRACTOR-FURNISHED LXBBS CABINET AND BATTERIES. FRONT DOOR SHALL FACE SOUTHWEST. LABEL CABINET "EC056". SEE ES-3C2 FOR CABINET FOUNDATION DETAILS.
- 10 2"C, 3#2 (SERVICE)
- 11 2"C, 2#6 (SIGNAL), 2#8 (LIGHTING)
- 12 No. 6 PB FOR CONDUIT 'A'. PROVIDE MINIMUM 4' FROM EDGE OF PB TO 342LX CABINET.
- 13 No. 6 PB FOR CONDUIT 'B'. PROVIDE MINIMUM 4' FROM EDGE OF PB TO 342LX CABINET.

SIGNAL AND LIGHTING PLAN
INTERSECTION 3
SCALE: 1" = 20'

THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY

REVISION FOR REDUCED PLANS						DESIGNED: AN CHECKED: DH ROAD NUMBER:	DRAWN: AN DATE: 1/28/2025	EL DORADO COUNTY CALIFORNIA	COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION	DIAMOND SPRINGS PARKWAY PHASE 1B	SHEET E-8 124 OF 136 W.O. No. 72334

REGISTERED PROFESSIONAL ENGINEER
DUSTIN W. HARRINGTON
No. C71517
License Expires 12-31-25
CIVIL
STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF:

REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

2
1
0
FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES
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DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	125	136
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					

POLE AND EQUIPMENT SCHEDULE														
NO.	STANDARD			VEHICLE SIGNAL MOUNTING			PEDESTRIAN SIGNAL MOUNTING		PBA		LED LUMINAIRE	LOCATION		REMARKS *
	TYPE	SIG. MA (FT)	LUM. MA (FT)	ø	MAST ARM	ø	POLE	ø	POLE	ø		ARROW	STATION **	
(A)	24A-3-100		15									ROADWAY 2	'SR' 35+08.24 84.33 LT	NO SMA TO BE INSTALLED.
(B)	PBA									8	→		'SR' 35+10.99 67.10 LT	INSTALL APS SIGN.
(C)	1-B					7 8	TV-2-T	8	SP-1-T				'SR' 35+29.74 52.25 LT	
(D)	19A-4-100	30	15	4 7	MAS MAS	2 4	SV-2-TD					ROADWAY 2	'SR' 35+09.66 34.69 LT	INSTALL VIDEO DETECTION CAMERA PER MANUFACTURER SPECIFICATION. INSTALL EVDa 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'
(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.
(F)	PBA									2	←		'SR' 33+82.62 47.25 RT	INSTALL APS SIGN.
(G)	1-B					4 8	TV-2-T	2	SP-1-T				'SR' 33+69.76 48.89 RT	
(H)	26A-3-100	45	15	8	MAS	8	SV-1-T	8	SP-1-T			ROADWAY 2	'SR' 33+55.11 48.67 LT	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.
(I)	PBA									2	←		'SR' 33+77.46 53.86 LT	INSTALL APS SIGN.
(J)	1-B					2	TV-1-T	2	SP-1-T	8	→		'SR' 33+96.15 76.84 LT	INSTALL APS ON 1-B POLE.

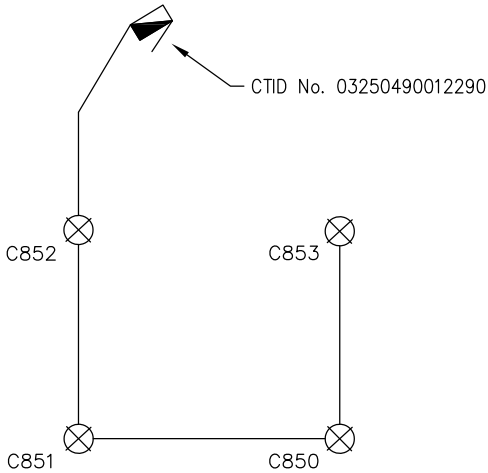
* OTHER REQUIREMENTS ARE COVERED BY NOTES, LEGEND, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.
FOR TYPE OF STANDARD AND VEHICLE SIGNAL MOUNTING, SEE CALTRANS STANDARD PLANS.

** FINAL LOCATION WILL BE DETERMINED BY THE ENGINEER.

LEGEND:

⊗ NEW 235 W LED LUMINAIRE

— NEW CONDUCTORS



LIGHTING CIRCUIT DIAGRAM

CTID No. 03250490012290

CONDUCTOR & CONDUIT SCHEDULE																				
AWG SIZE OR CABLE TYPE	PHASE Ø	POLE OR CIRCUIT	RUN No.																	
			1	2	3	4	5	6	7	8	9	10								
12/3 CONDUCTOR SIGNAL CABLES	(FUTURE)	POLE (A)																		
		POLE (B)	1	1	1	1	1	1		1	1									
	5, 6, 6P	POLE (C)		1	1	1	1	1		1	1									
	2, 4, 5	POLE (D)			1	1	1	1		1	1									
	4, 4P	POLE (E)				1	1	1		1	1									
		POLE (F)					1	1		1	1									
	4PBA	POLE (G)						1	1		1									
	2	POLE (H)							1	1										
	6	POLE (I)								1	1									
		4PBA	POLE (J)								1	1								
	4, 6P	6PBA								1	1	1								
	TOTAL CABLES 12/3 CONDUCTORS		1	1	1	2	1	3	1	4	2	5	2		6	4	5	2	1	1
#8	LIGHTING (240V)		2	2		2		2		2					2		2			
#6	CONTROLLER SERVICE (120V)														2					
DETECTOR CABLE (DLC)	212L, 213L, 5J9U						3	3	3						3	3				
	414L, 414U, 416L, 416U														4				4	
	6J2U, 6J3U			2	2	2	2	2	2						2	2				
	TOTAL			2	2	5	5	5	5						9	5	4			
	VIDEO DETECTION CAMERA CABLE					1	2	2	3	3										
	EVD					1	2	2	3	3										
	CCTV CAMERA CAT 8 CABLE								1	1										
CONDUIT 'A'			2"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"
% FILL			0	2	7	15	15	24	12	17	5	4								
CONDUIT 'B'			2"	3"	3"	3"	2-3"	2-3"	3"	2-3"	2-3"	3"	3"	3"	2-3"	2-3"	3"	3"	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.
- APS SIGN SHALL BE R10-3eR OR R10-3eL.

SIGNAL AND LIGHTING PLAN
INTERSECTION 3
SCALE : NONE

THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

[Signature]
REGISTERED CIVIL ENGINEER

1/28/2025
DATE:

DESIGNED: AN
CHECKED: DH
ROAD NUMBER:

DRAWN: AN
DATE: 1/28/2025



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
E-9
125 OF 136
W.O. No. 72334

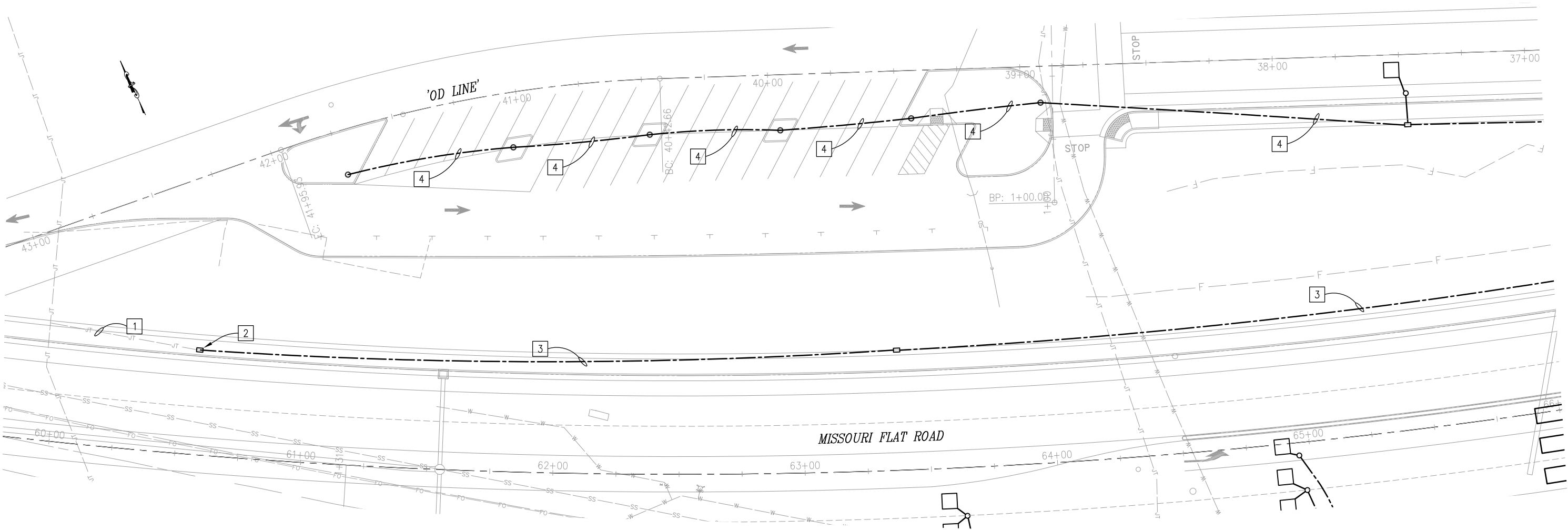
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FOR REDUCED PLANS
2
1
0

PROJECT NOTES (FOR THIS SHEET ONLY):

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

LEGEND

- 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.



PARKING LOT LIGHTING PLAN
SCALE: 1" = 20'

THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY

CU #### EA 03-OE961

REVISION	NUMBER	DATE	DESCRIPTION	BY



PREPARED UNDER THE SUPERVISION OF :

REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

DESIGNED: AN
CHECKED: DH
ROAD NUMBER:
DRAWN: AN
DATE: 1/28/2025



COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
E-10
126 OF 136
W.O. No. 72334

DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	126	136

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2 ORIGINAL SCALE IS IN INCHES
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Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\E Sheets Recover.dwg Layout Tab E-11 Jan 26,2025 -- 11:06pm DHarrington

NOTES:

1. 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)

DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	127	136
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SIGNAL ASSET IN/MODIFY TABLE

ASSET No.	TMS ID	ASSET TYPE	SIGNAL TYPE	SHEET No.	MODIFY OR NEW	CTID	CABINET TYPE	INCLUDES MVP?	ASSET TOTAL WATTS	MOUNT TYPE	CABINET LATITUDE	CABINET LONGITUDE	COMMENTS
EC056	5314	TRAFFIC SIGNAL	P	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
SCALE : NONE

CU ####EA 03-0E961

COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
E-11
127 OF 136
W.O. No. 72334

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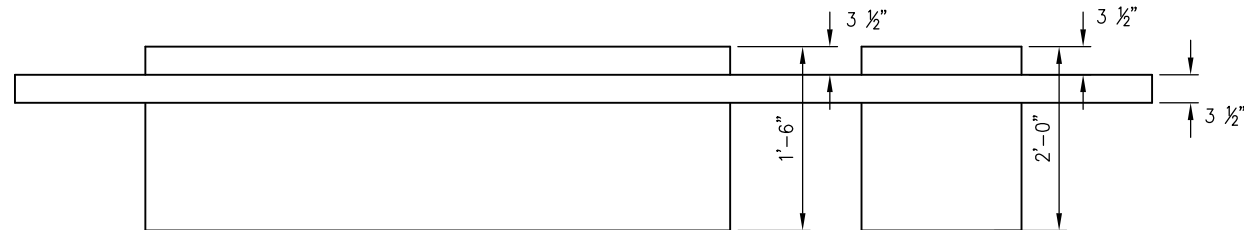
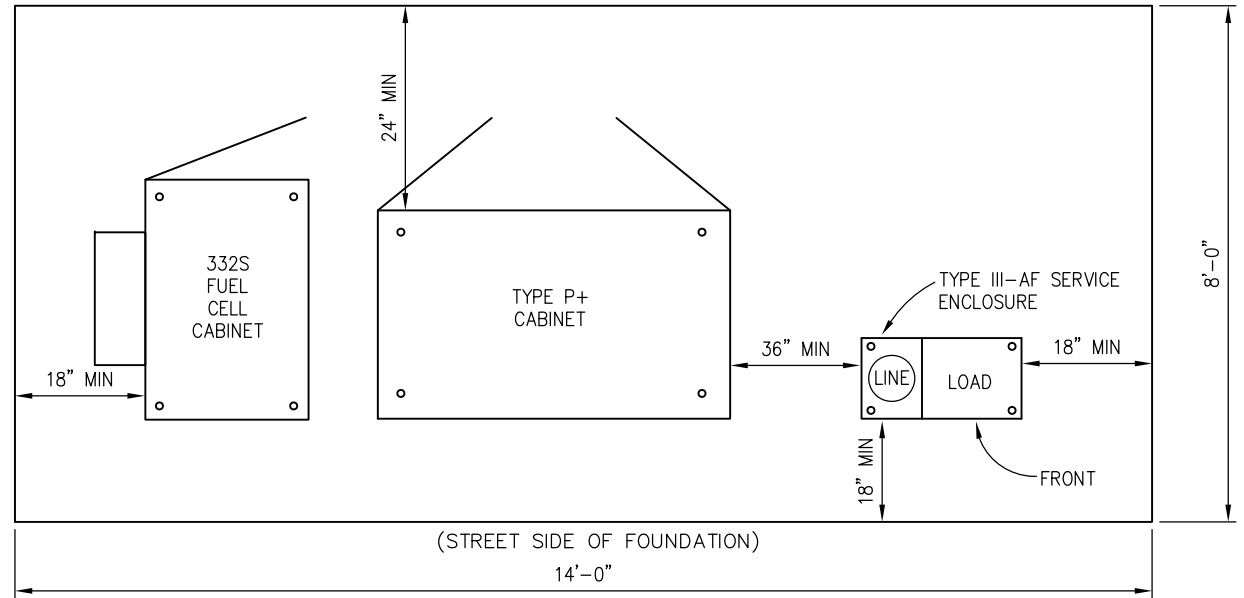
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2
1
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03	ED	49	11.86/12.4	129	136

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FOUNDATION SIDE PROFILE

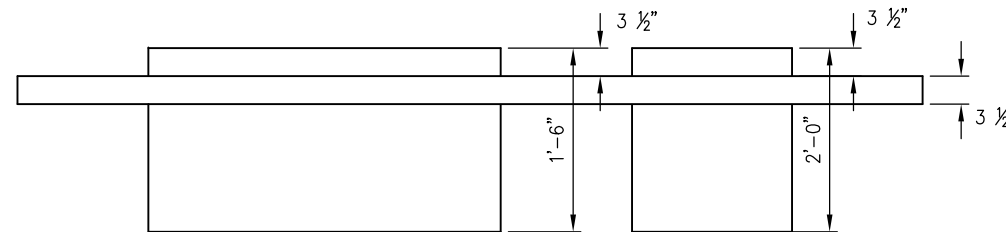
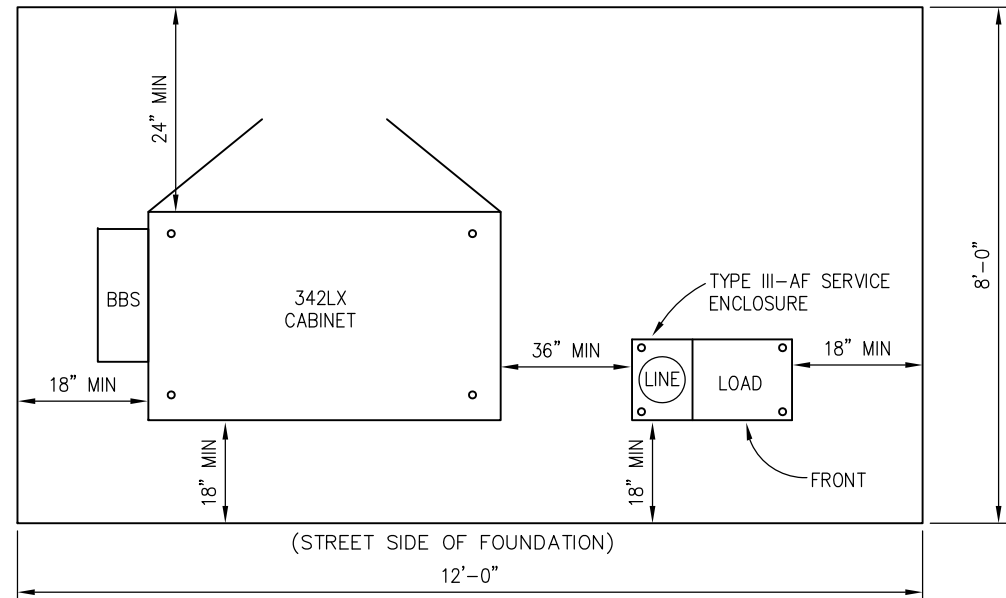
INTERSECTIONS 1 & 2 SIGNAL CONTROLLER PAD

NO SCALE

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:

1. ANCHOR BOLTS AND 10' GROUND ROD FOR SERVICE AND CONTROLLER ENCLOSURES TO BE INSTALLED PER STANDARD PLANS ES-2D AND ES-3B.
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 GREATER.

FOUNDATION END PROFILE



FOUNDATION SIDE PROFILE

INTERSECTION 3 SIGNAL CONTROLLER PAD

NO SCALE

SIGNAL AND LIGHTING DETAILS
SCALE : NONE

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1/28/2025
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DATE: 1/28/2025



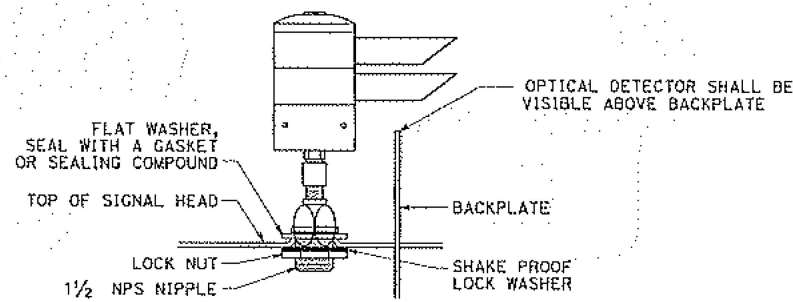
COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
E-13
129 OF 136
W.O. No. 72334

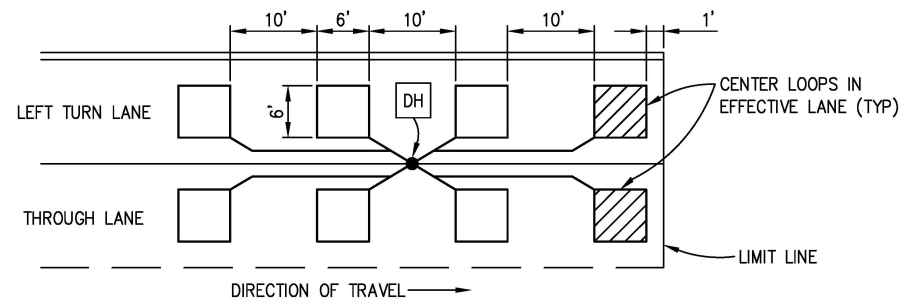
DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	130	136

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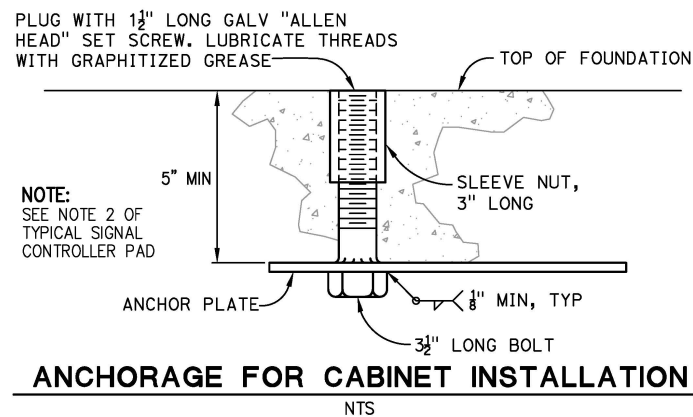
OPTICAL DETECTOR MOUNTING FOR EMERGENCY VEHICLE DETECTION

NO SCALE



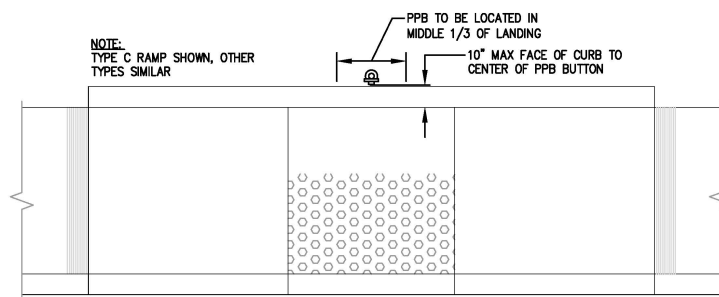
TYPICAL DETECTOR LOOP LAYOUT

NO SCALE



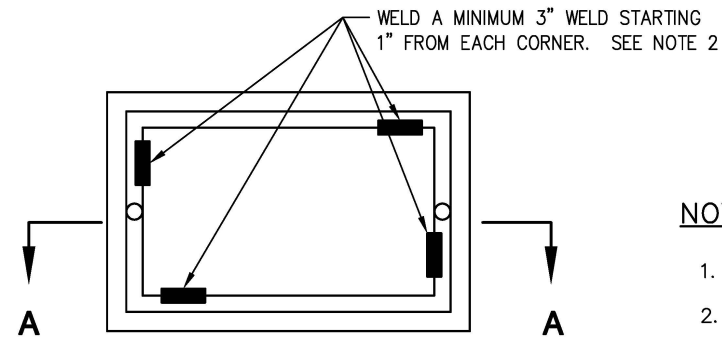
ANCHORAGE FOR CABINET INSTALLATION

NTS



TYPICAL PPB LOCATION DETAIL

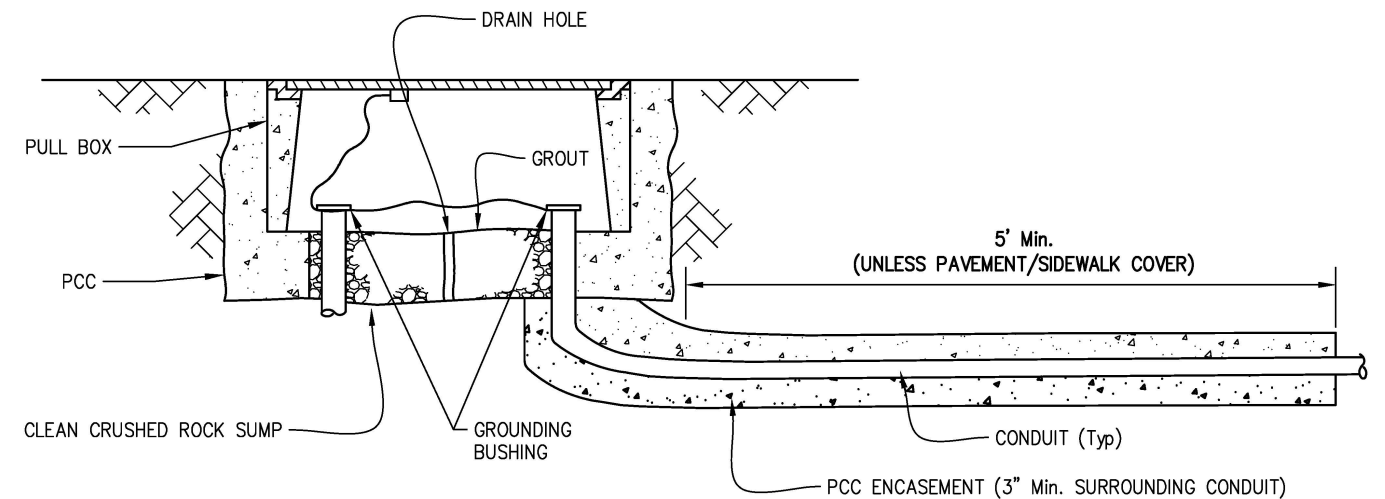
NO SCALE



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 EQUAL).
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

SIGNAL AND LIGHTING DETAILS
SCALE : NONE

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CU ### EA 03-0E961

REVISION	NUMBER	DATE	DESCRIPTION	BY



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REGISTERED CIVIL ENGINEER
DATE: 1/28/2025

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CHECKED: DH
DATE: 1/28/2025
ROAD NUMBER:



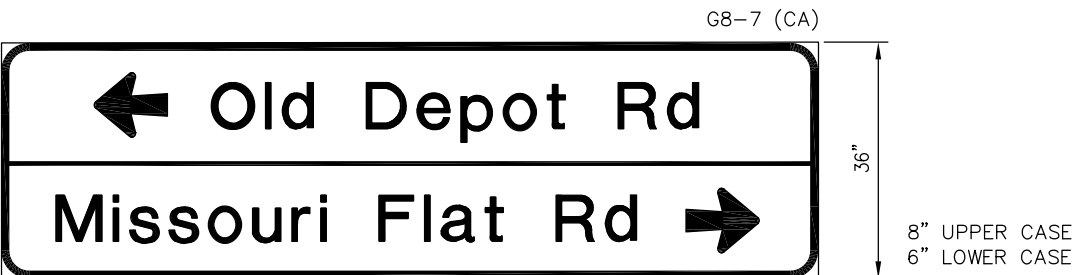
COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
E-14
130 OF 136
W.O. No. 72334

2
1
0
FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES
Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\E_Sheets.dwg Layout Tab: E-15 Jan 17,2025 -- 9:09am D:\harrington

DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	49	11.86/12.4	131	136
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STREET NAME SIGN PANELS
NO SCALE

SIGNAL AND LIGHTING DETAILS
SCALE : NONE

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COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

CU ####
EA 03-0E961

SHEET
E-15
131 OF 136
W.O. No. 72334



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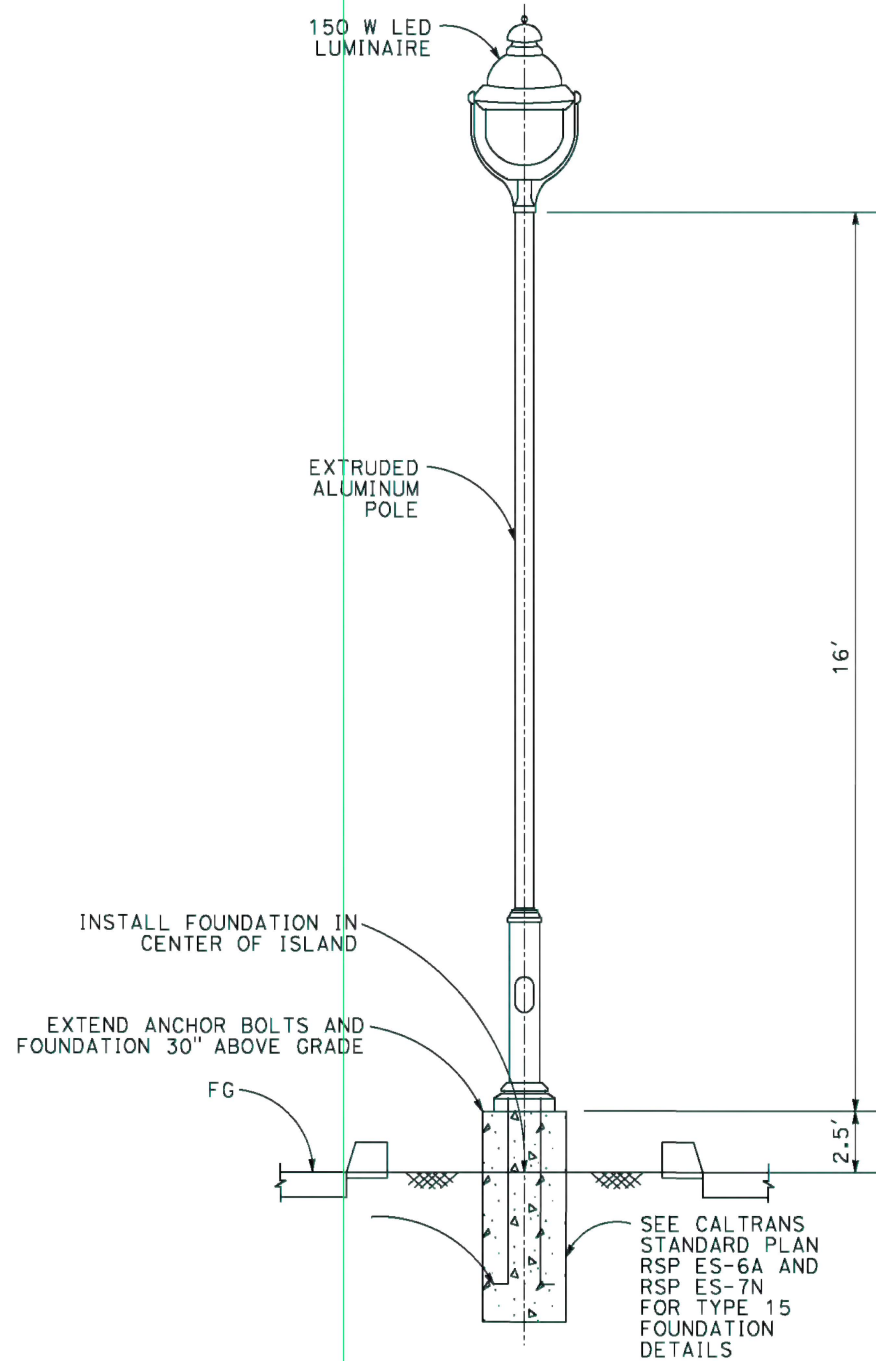
DESIGNED: AN
DRAWN: AN
CHECKED: DH
DATE: 1/28/2025
ROAD NUMBER:



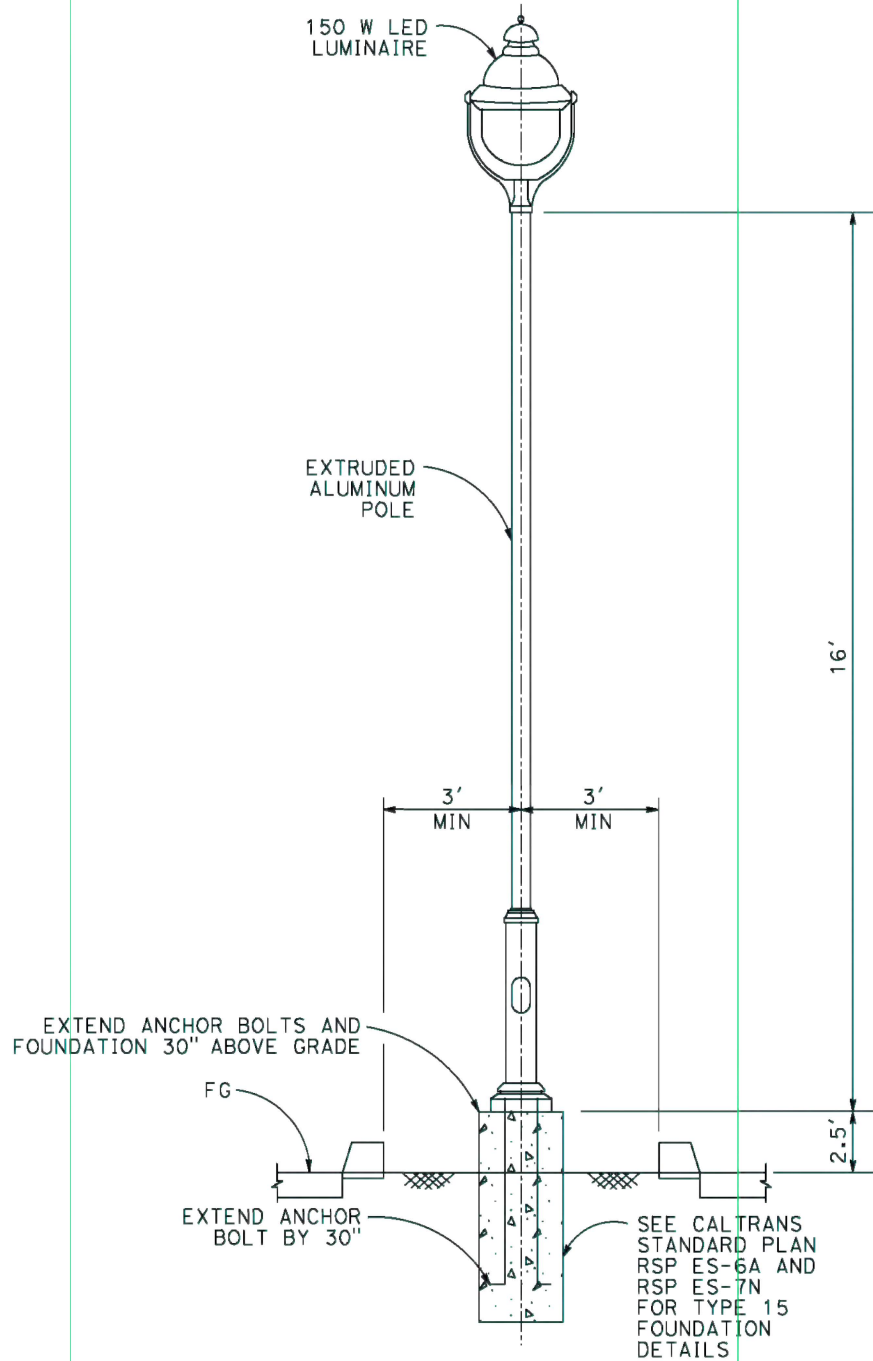
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03	ED	49	11.86/12.4	132	136

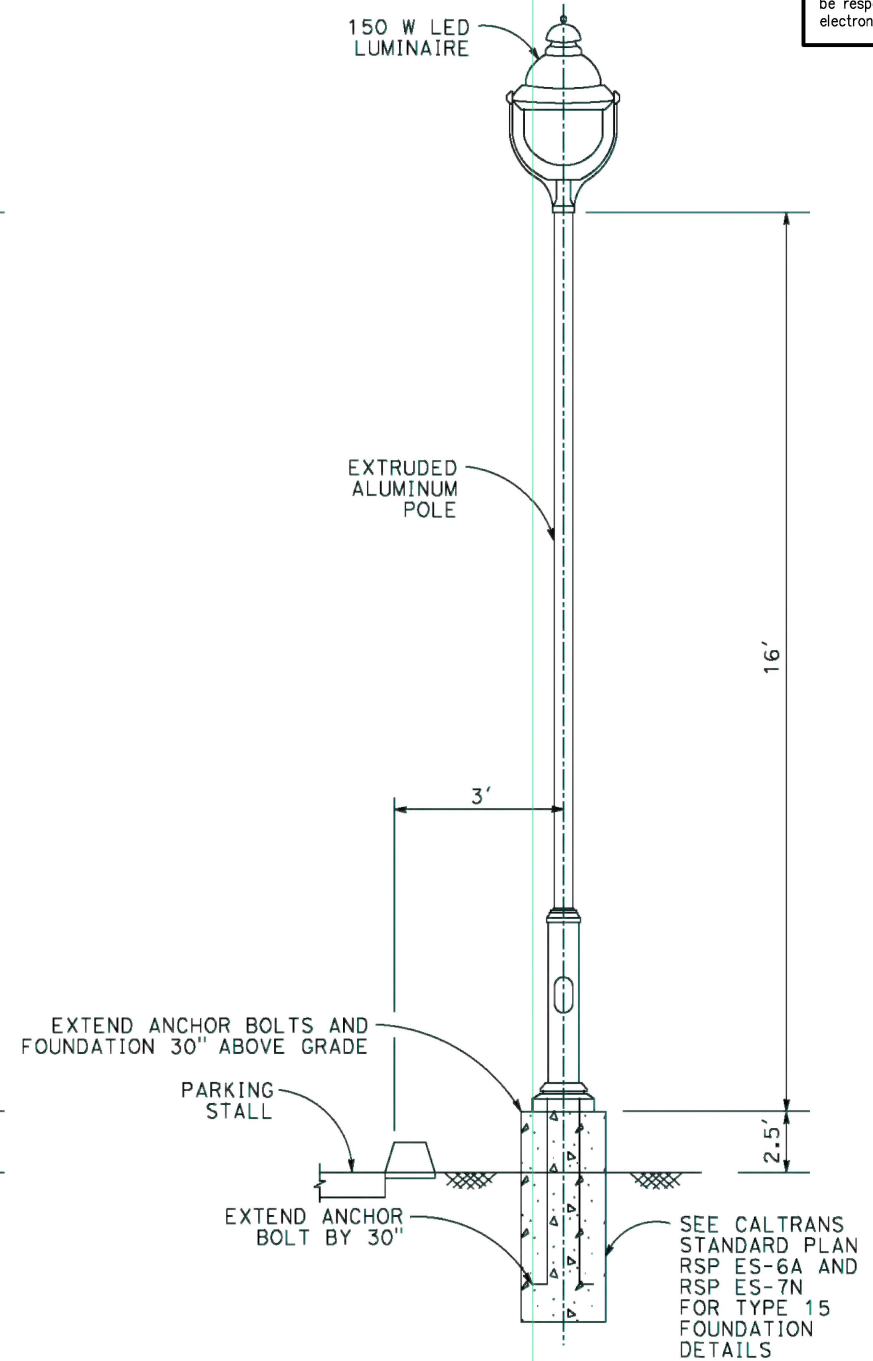
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DETAIL A
TYPICAL DETAIL
NO SCALE



DETAIL B
TYPICAL DETAIL
NO SCALE



DETAIL C
TYPICAL DETAIL
NO SCALE

LIGHTING DETAILS
NO SCALE

THIS SHEET ACCURATE FOR ELECTRICAL WORK ONLY
PARKING LOT LIGHTING DETAILS
SCALE: NONE

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COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

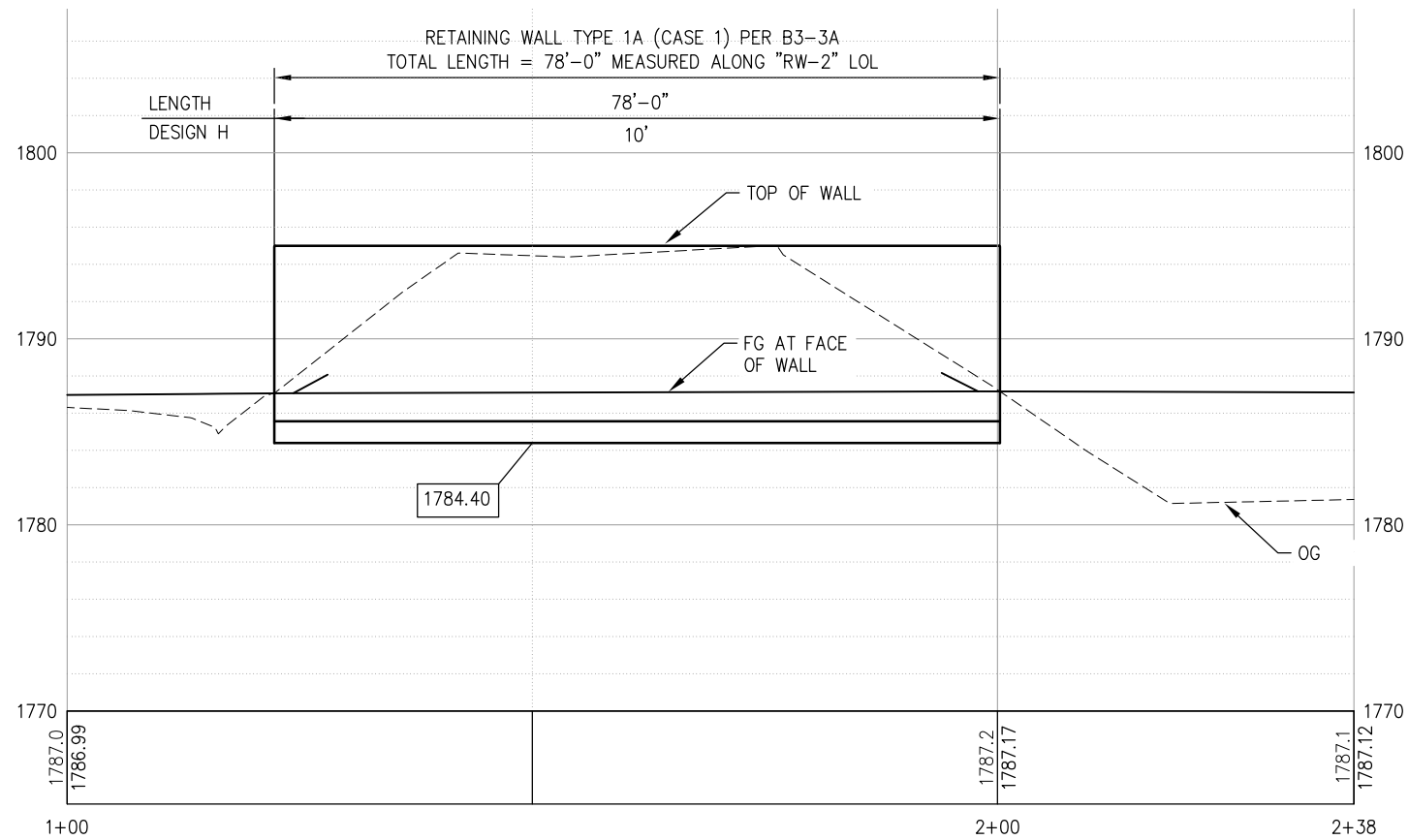
DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
E-16
132 OF 136
W.O. No. **72334**

ORIGINAL SCALE: 1" = 10' H, 1" = 5' V
Drawing name: Z:\Civil 3D Projects\72334 Diamond Springs Pkwy\CADD Files\Sheets\Ultimate\RW Sheets.dwg Layout Tab: RW-1 Jan 16, 2025 3:04pm DHarrington

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DEVELOPED ELEVATION

SCALE: 1" = 10' H, 1" = 5' V

LEGEND

XXXX.XX INDICATES BOTTOM OF FOOTING ELEVATION

'DSP LINE'
DIAMOND SPRINGS PKWY

78+00

79+00

80+00

'RW-1' 1+00.00-0.00'
'DSP LINE' 78+61.02-48.61' LT
BEGIN RETAINING WALL #1
N 2019578.14
E 6898659.13

R=4451.39'
L=66.86'
CH=S84°29'E-66.86
DELTA=0.86

EC: 1+66.86

S84° 02' 49"E
71.4454'

1784.88

'RW-1' 2+38.30-0.00'
'DSP LINE' 80+00.05-48.61' RT
END RETAINING WALL #1
N 2019564.29
E 6898796.74

RETAINING WALL No. 1 PLAN

SCALE: 1" = 10'

RETAINING WALL No. 1
SCALE: 1" = 10'

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REGISTERED CIVIL ENGINEER

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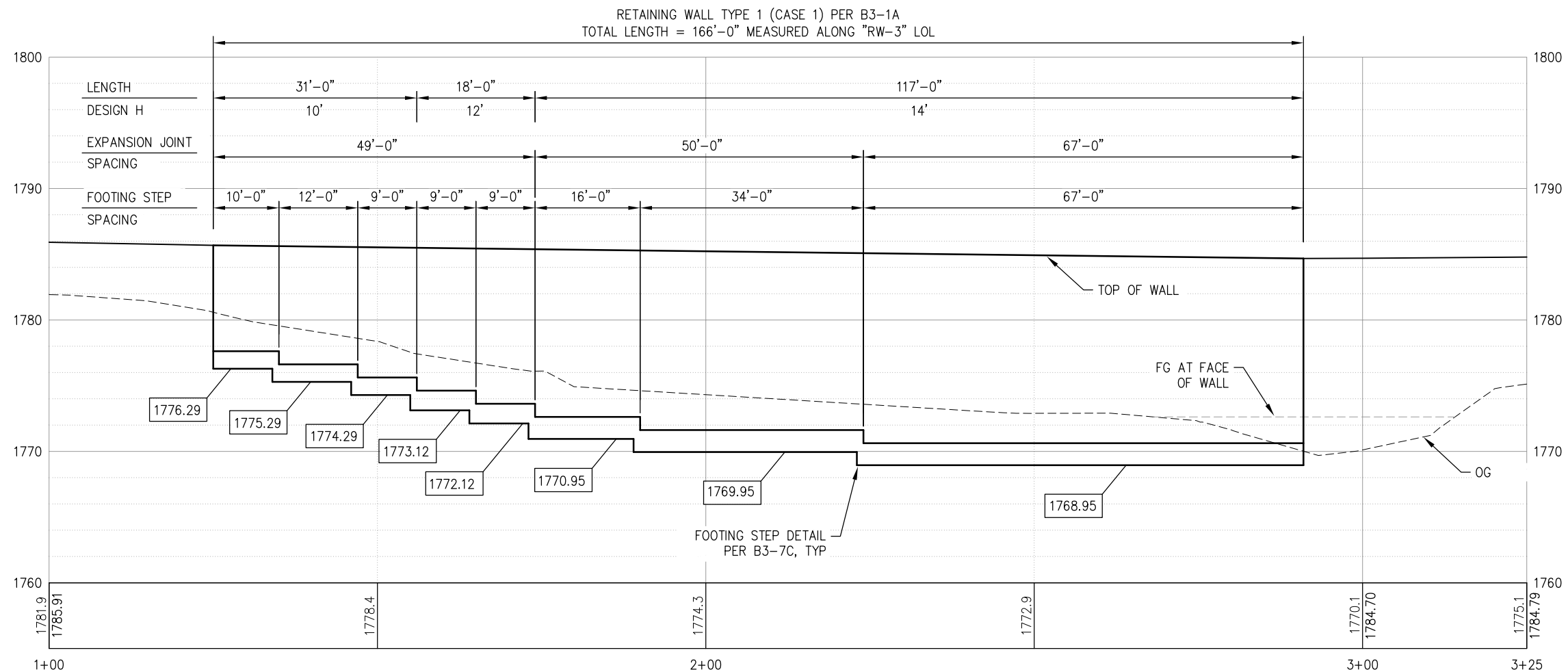
COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
RW-1
133 OF 136
W.O. No. 72334

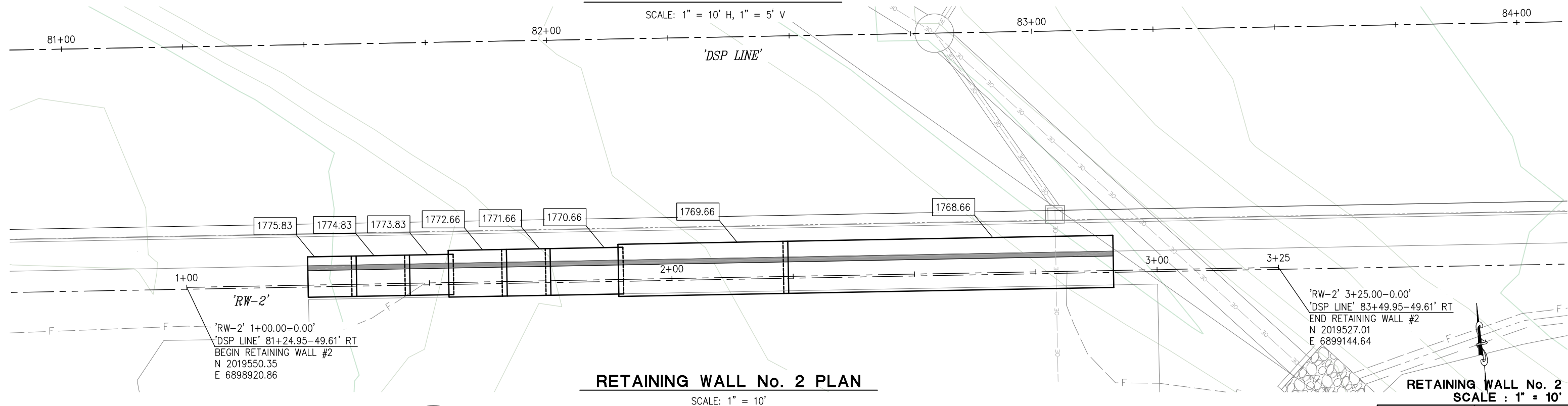
DIST	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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LEGEND

XXXX.XX INDICATES BOTTOM OF FOOTING ELEVATION



RETAINING WALL No. 2
SCALE : 1" = 10'

CU #####	EA 03-0E961
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NUMBER	DATE	DESCRIPTION	



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COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

**DIAMOND SPRINGS PARKWAY
PHASE 1B**

SHEET
RW-2
134 OF 136
W.O. No. **72334**

FOR REDUCED PLANS



0 1 2

ORIGINAL SCALE IS IN INCHES

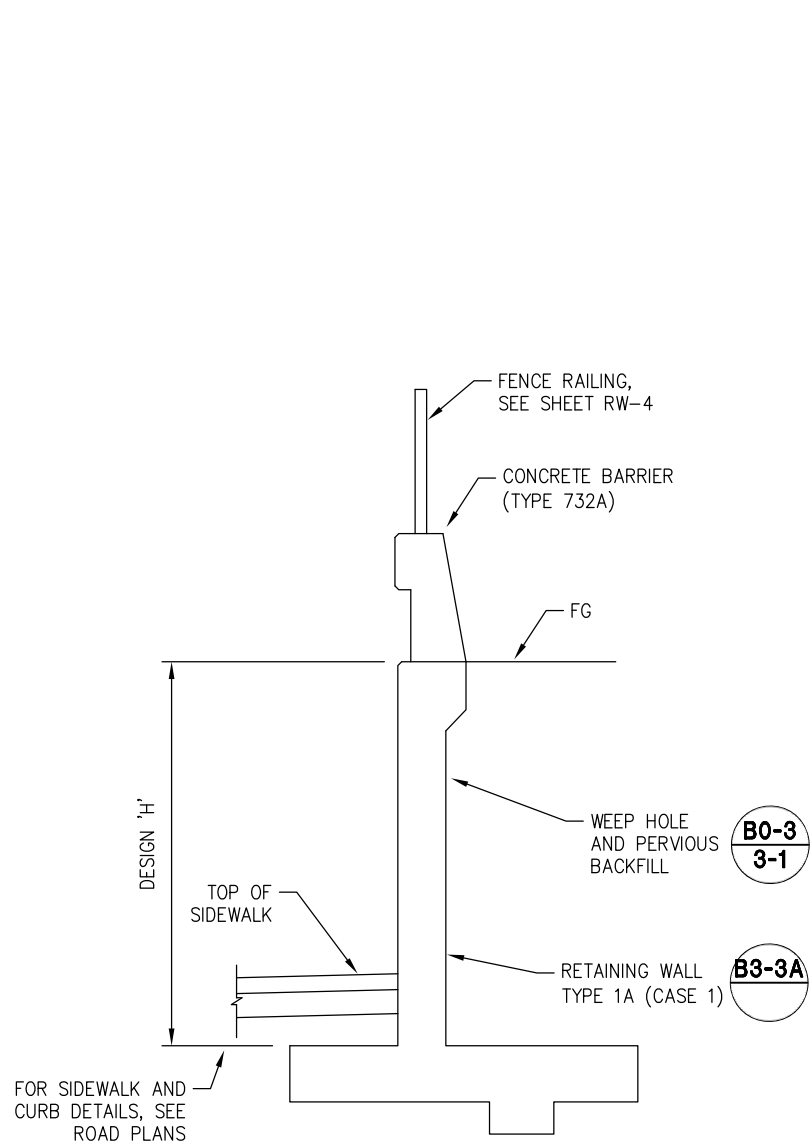
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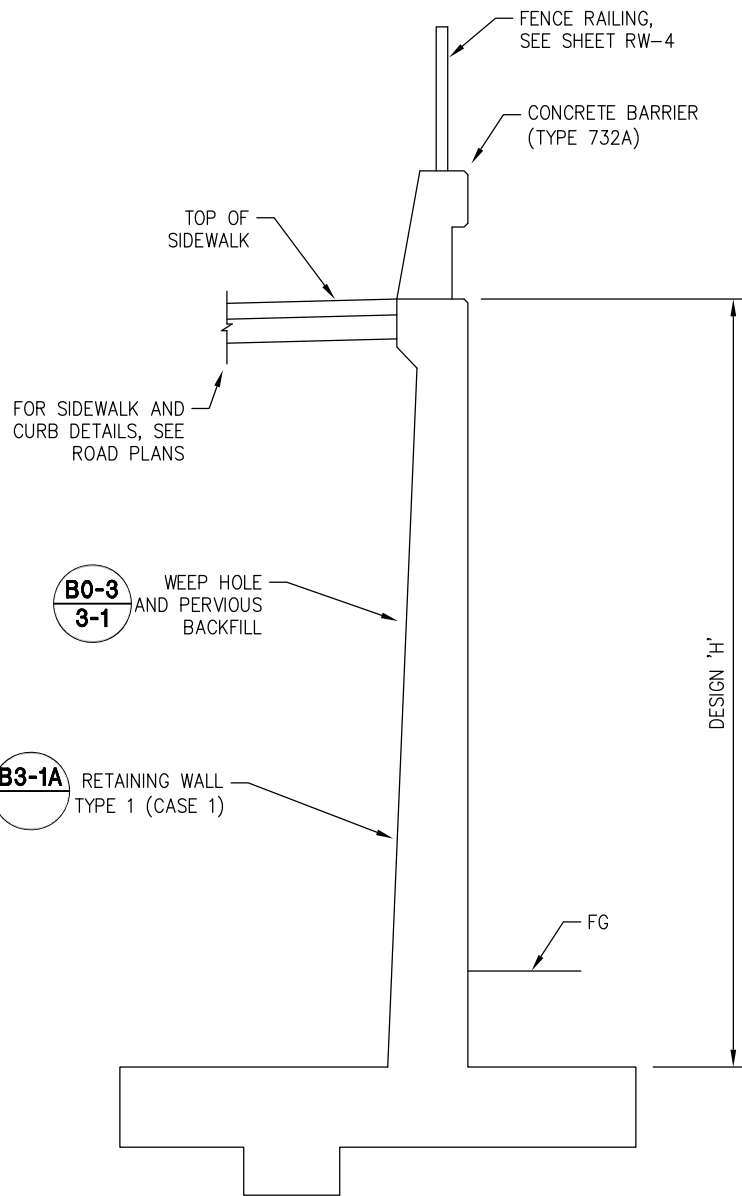
DIST.	COUNTY	ROUTE	KILOMETER POSTS TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
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TYPICAL SECTION - RETAINING WALL No. 1

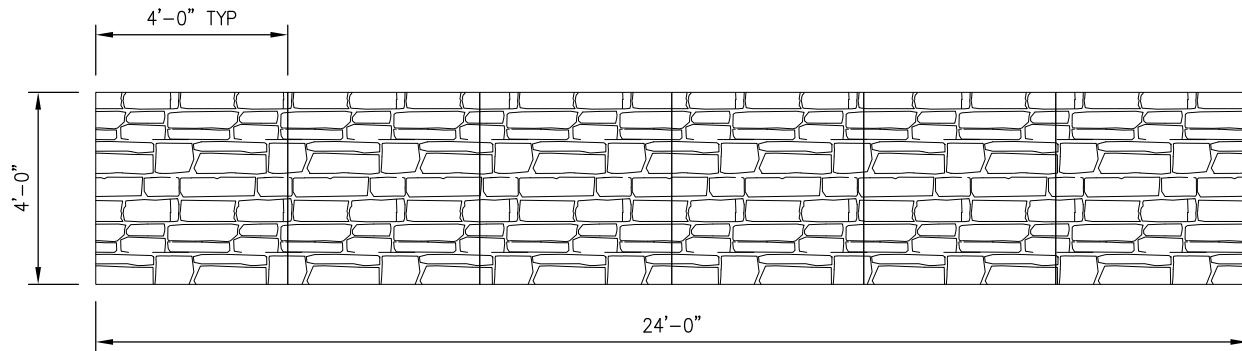
SCALE: 1/2" = 1'-0"



TYPICAL SECTION - RETAINING WALL No. 2

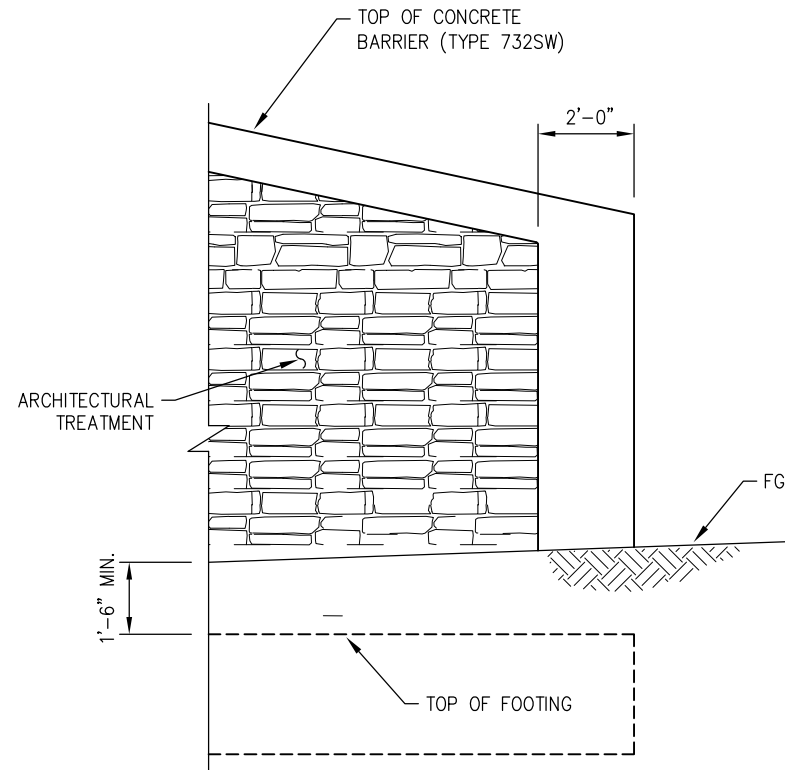
SCALE: 1/2" = 1'-0"

NOTE: ALL SECTIONS IN 4'-0" INCREMENTS MATCH TOP TO BOTTOM AND SECTIONS MATCH THEMSELVES SIDE TO SIDE. ALL ARCHITECTURAL TREATMENT SURFACES TO BE PREPARED AND PAINTED. UPON PAINTING ARCHITECTURAL SURFACES, THE CONTRACTOR SHALL APPLY AN ANTI-GRAFFITI PROTECTIVE COATING.



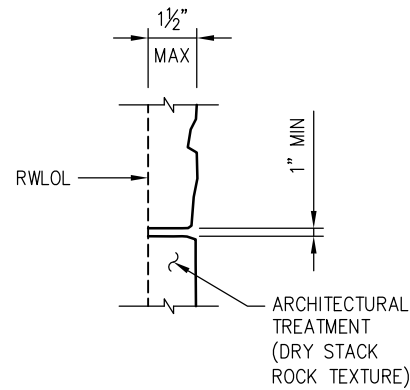
ARCHITECTURAL TREATMENT ELEVATION

SCALE: 1/2" = 1'-0"



**ARCHITECTURAL TREATMENT
AT BEGINNING AND END OF WALL**

SCALE: 1/2" = 1'-0"



DETAIL A

NO SCALE

**RETAINING WALL DETAILS
SCALE : AS SHOWN**

CU ### EA 03-0E961



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**COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION**

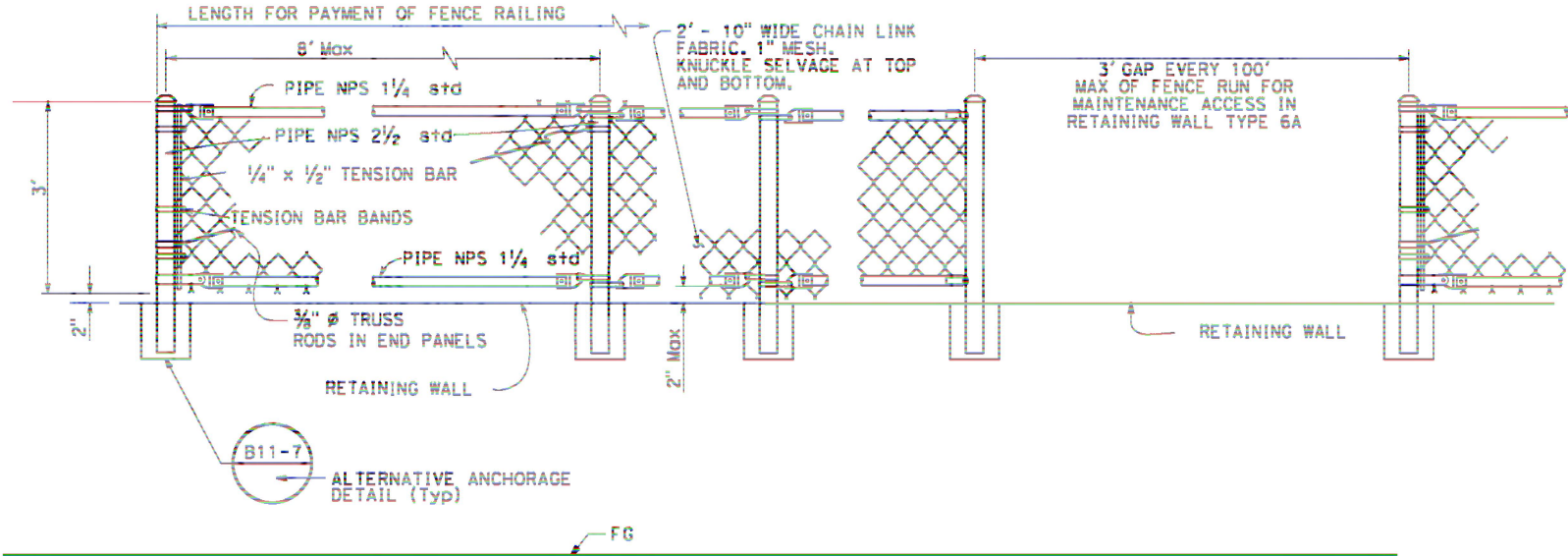
**DIAMOND SPRINGS PARKWAY
PHASE 1B**

SHEET
RW-3
135 OF 136
W.O. No. **72334**

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FENCE RAILING DETAIL
NO SCALE

RETAINING WALL DETAILS
SCALE : NONE

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COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION

DIAMOND SPRINGS PARKWAY
PHASE 1B

SHEET
RW-4
136 OF 136
W.O. No. 72334