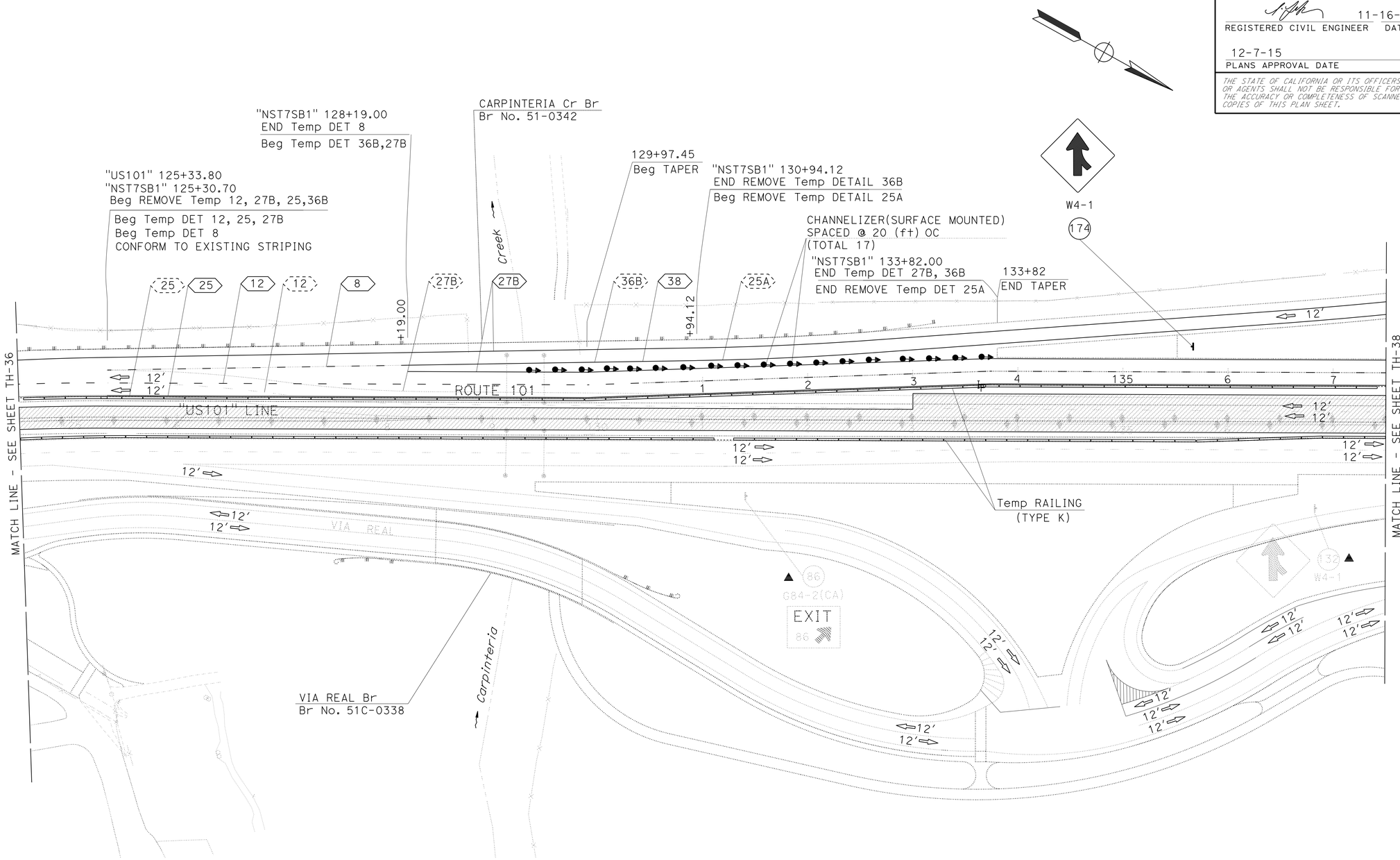
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	301	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
FAWZI YAGHMOUR
No. 54750
Exp. 12-31-17
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



TRAFFIC HANDLING PLAN
(STAGE 7)

SCALE: 1" = 50'

TH-37

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI

CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR

REVISED BY
DATE REVISED

LAST REVISION 10-12-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:18

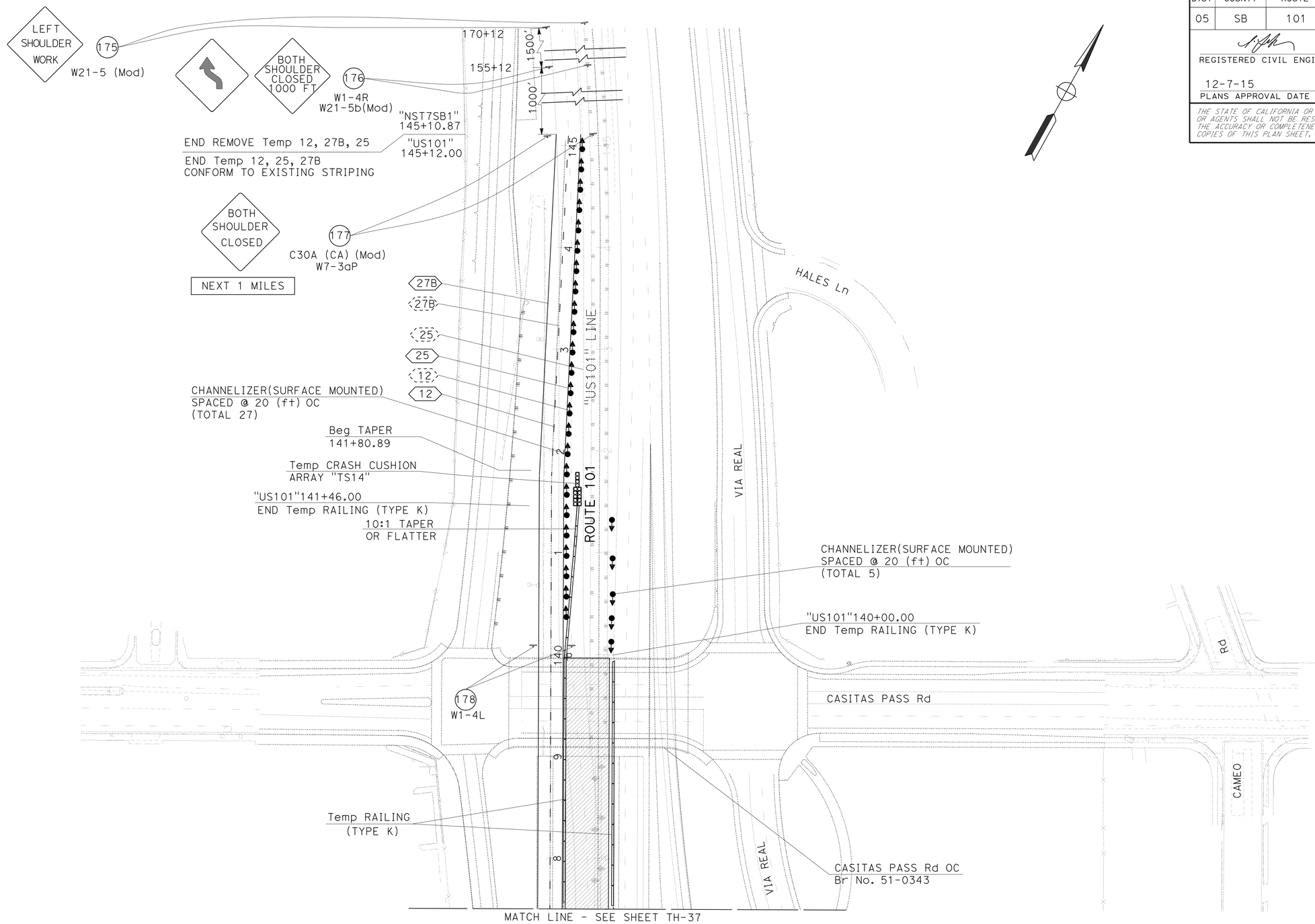
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	302	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



TRAFFIC HANDLING PLAN

(STAGE 7)

SCALE: 1" = 50'

TH-38

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI

CALCULATED-DESIGNED BY: GURMIT GILL

CHECKED BY: FAWZI YAGHMOUR

REVISED BY | DATE REVISED

LAST REVISION 10-12-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:18

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	303	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

TEMPORARY PAVEMENT DELINEATION QUANTITIES

SHEET No.	ROUTE	DIRECTION	LINE DESIGNATION	LOCATION STA TO STA FROM	LOCATION STA TO STA TO	DETAIL No.	TEMPORARY PAVEMENT MARKER TYPE D EA	TEMPORARY PAVEMENT MARKER TYPE G EA	TEMPORARY PAVEMENT MARKER TYPE H EA	REMOVE PAVEMENT MARKER EA	REMOVE THERMOPLASTIC TRAFFIC STRIPE LF	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE) LF	TEMPORARY TRAFFIC STRIPE (PAINT) LF	TEMPORARY TRAFFIC STRIPE (TAPE) LF	REMOVE PAINTED TRAFFIC STRIPE LF	TEMPORARY PAVEMENT MARKING (PAINT) SQFT
TH-1 TO TH-6	101	NB	NST1NB1	108+63.00	176+47.87	12		142					6,784			
						11/13				706	1,696					
						25			142	142		6,784	6,784			
						27B					6,784		6,784			
	101	SB	NST1SB1	108+63.00	178+18.75	12		145					6,956			
						11/13				724	1,739					
						25			145	145		6,956	6,956			
						27B					6,956		6,956			
				165+90.36	168+52.38	36		22		22	524			524		
				144+73.00	146+53.82	36		8		8	360			181		
TH-3	CASITAS PASS Rd		ST1CS1	10+12.00	14+10.00	27B					398		398			156
				11+08.00	12+37.00	31					322					
				11+08.00	13+26.00	27B					218		218			
				11+08.00	14+10.00	22	26						604			
				12+37.00	13+26.00	38				4	178					
				10+12.00	12+37.00	38		9						225		
	SB OFF RAMP		NST1SB1	140+00.00	141+12.00	25A			4	4		112	112			
				140+00.00	141+12.00	27B					112		112			
TH-7 TO TH-10	101	NB	NST2NB1	108+63.00	153+83.00	12		95		95			4,520		1,130	
						25			95	95			4,520		4,520	
						27B							4,520		4,520	
	101	SB	NST2SB1	108+63.00	154+10.00	12		95		95			4,547		1,136	
				108+63.00	154+10.00	25			95	95			4,547		4,547	
						27B							4,547		4,547	
TH-8 TO TH-9	101 SB ON RAMP		NST2SB1	134+94.00	139+58.78	25A			20				464			
				134+94.00	139+58.78	27B							464			
	101 NB OFF RAMP		NST2NB1	131+08.00	133+24.39	36		10		10	432			432		
				133+24.39	138+91.00	27B					567		567			
				133+24.39	138+91.00	25A			25	25		567	567			
	101 SB OFF RAMP		NST2SB1	144+73.00	146+53.82	36		8		8	360			181		
TH-9	CASITAS PASS Rd		ST2CS1	10+00.00	12+38.95	38								239		
				10+00.00	21+58.89	27B							1,032			
				10+37.90	20+82.00	22	90						2,090			
				17+10.97	20+82.00	22				18					744	
				17+10.97	20+82.00	27B									372	
				17+10.97	20+82.00	11									93	
				11+08.00	20+82.00	27B							974			
				VAR	VAR	41								82		
TH-11	LINDEN Ave		ST2LIN1	9+78.25	24+73.74	27B							1,495		1,495	
				13+94.00	23+38.00	27B							944		944	
				9+78.25	24+73.74	22	125			125			2,990		2,990	
						SUBTOTAL	241	534	526	2,321	20,646	14,419	81,452	1,864	27,038	156

TRAFFIC HANDLING QUANTITIES

THQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY
DATE REVISED

LAST REVISION 10-12-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:18

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	304	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

TEMPORARY PAVEMENT DELINEATION QUANTITIES

SHEET No.	ROUTE	DIRECTION	LINE DESIGNATION	LOCATION STA TO STA FROM	LOCATION STA TO STA TO	DETAIL No.	TEMPORARY PAVEMENT MARKER TYPE D EA	TEMPORARY PAVEMENT MARKER TYPE G EA	TEMPORARY PAVEMENT MARKER TYPE H EA	REMOVE PAVEMENT MARKER EA	REMOVE THERMOPLASTIC TRAFFIC STRIPE LF	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE) LF	TEMPORARY TRAFFIC STRIPE (PAINT) LF	TEMPORARY TRAFFIC STRIPE (TAPE) LF	REMOVE PAINTED TRAFFIC STRIPE LF	TEMPORARY PAVEMENT MARKING (PAINT) SQFT
TH-19 TO TH-23	101	NB	NST4NB1	109+30.78	154+29.27	12		94		94			4,499		1,125	
						25			94	94			4,499		4,499	
						27B							4,499		4,499	
	101	SB	NST4SB1	109+30.78	168+59.84	12		123		123			5,929		1,482	
						25			123	123			5,929		5,929	
						27B							5,929		5,929	
TH-19 TO TH-21	101 SB ON RAMP		NST4SB1	113+91.60	139+14.00	25A			105				2,522			
						27B							2,522			
				113+30.42	113+91.60	8							61			
				134+84.48	139+14.00	25A				18					430	
						27B									430	
	101 NB OFF RAMP		NST4NB1	129+26.00	131+41.78	36		20						432		201
				131+41.78	133+92.77	25A			10				250			
						38B			10					250		
				131+41.78	133+92.77	27B							250			
TH-20 TO TH-21	VIA REAL		NST4NB1	133+79.00	139+47.68	27B							569			
				135+26.00	139+47.68	12		9					422		105	
						21							842		842	
						27B							422		422	
TH-21	CASITAS PASS RD		ST4CS1	11+56.00	20+26.08	27B							870			226
				10+00.00	20+86.70	27B							1,087			
				10+00.00	20+86.70	22	90						2,174			
				10+00.00	20+26.08	22				90					2,052	
				11+08	20+26.08	27B									918	
	VIA REAL		NST4NB1	139+00.00	142+90.40	27B							390			
				139+00.00	143+23.41	25			9				423			
TH-23	LINDEN Ave		ST4LIN1	10+29.78	25+77.92	27B							1,548			161
				14+00.00	25+77.92	27B							1,178			
				10+29.78	23+79.14	22	112						2,700			
	OGAN Rd		OGAN2	159+70.00	162+29.50	22	22						518			
				159+70.00	162+29.50	27B							260			
						SUBTOTAL	224	246	351	542			50,292	682	28,662	588

TRAFFIC HANDLING QUANTITIES
THQ-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: FAWZI YAGHMOUR
CHECKED BY: GURMIT GILL
REVISED BY
DATE REVISED

LAST REVISION 10-12-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:18

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	305	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

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TEMPORARY PAVEMENT DELINEATION QUANTITIES

SHEET No.	ROUTE	DIRECTION	LINE DESIGNATION	LOCATION STA TO STA FROM	LOCATION STA TO STA TO	DETAIL No.	TEMPORARY PAVEMENT MARKER TYPE D EA	TEMPORARY PAVEMENT MARKER TYPE G EA	TEMPORARY PAVEMENT MARKER TYPE H EA	REMOVE PAVEMENT MARKER EA	REMOVE THERMOPLASTIC TRAFFIC STRIPE LF	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE) LF	TEMPORARY TRAFFIC STRIPE (PAINT) LF	TEMPORARY TRAFFIC STRIPE (TAPE) LF	REMOVE PAINTED TRAFFIC STRIPE LF	TEMPORARY PAVEMENT MARKING (PAINT) SQFT
TH-24 TO TH-29	101	NB	NST5NB1	109+30.78	176+61.39	12		141		141			6,730		1,682	
						25			141	141			6,730		6,730	
						27B							6,730		6,730	
TH-24 TO TH-29	101	SB	NST5SB1	109+30.78	174+98.00	12		137		137			6,567		1,642	
						25			137	137			6,567		6,567	
						27B							6,567		6,567	
TH-24	101	SB	NST5SB1	113+28.12	113+89.12	8									27	
				113+89.12	116+00.00	25A				5					210	
				109+30.78	116+00.00	27B									669	
TH-24 TO TH-26	101 SB ON RAMP		NST5SB1	133+00.00	135+24.00	8								224		
				135+24.00	139+14.00	25A			16				390			
						27B							390			
	101 NB OFF RAMP		NST5NB1	129+77.00	131+41.78	36		16						340		
	VIA REAL		NST5NB1	136+00.00	138+51.78	27B							252			
	101 NB ON RAMP		ST5CA1	131+95.60	137+44.28	25A			23				549			
				137+44.28	142+67.91	36A		22						523		77
				131+95.60	142+67.91	27B							1,072			
TH-26,27	CASITAS PASS RD		ST5CS1	11+56.00	21+00.00	27B							944		944	
				10+00.00	20+86.70	27B							1,087		1,087	
				10+00.00	20+86.70	22	90						2,172		2,172	
	101 NB ON RAMP		NST5NB1	142+67.91	144+41.29	8								50		
	101 SB OFF RAMP		NST5NB1	139+53.00	145+37.35	27B							584			
				139+53.00	145+37.35	25A			24				584			
				145+37.35	148+31.00	36		24						587		
TH-28	OGAN Rd		ST5OGAN	10+00.00	12+29.50	22	20						460			
				10+00.00	12+29.50	27B							230			
	LINDEN Ave		ST5LIN1	10+29.78	24+50.93	27B							1,421			
				11+39.38	24+00.00	27B							1,261			
				10+29.78	24+00.00	22	114						2,742			
TH-28,29	101 NB ON RAMP		NST5NB1	160+07.00	161+36.64	8					57					
				160+07.00	161+36.64	36A		6						130		
				161+36.64	164+13.35	8								277		
SUBTOTAL							224	346	341	561	57		54,029	2,131	35,027	77

TRAFFIC HANDLING QUANTITIES
THQ-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY
DATE REVISED

LAST REVISION 10-12-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:18

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	306	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

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TEMPORARY PAVEMENT DELINEATION QUANTITIES

SHEET No.	ROUTE	DIRECTION	LINE DESIGNATION	LOCATION STA TO STA FROM	LOCATION STA TO STA TO	DETAIL No.	TEMPORARY PAVEMENT MARKER TYPE D (EA)	TEMPORARY PAVEMENT MARKER TYPE G (EA)	TEMPORARY PAVEMENT MARKER TYPE H (EA)	REMOVE PAVEMENT MARKER (EA)	REMOVE THERMOPLASTIC TRAFFIC STRIPE (LF)	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE) (LF)	TEMPORARY TRAFFIC STRIPE (PAINT) (LF)	TEMPORARY TRAFFIC STRIPE (TAPE) (LF)	REMOVE PAINTED TRAFFIC STRIPE (LF)	TEMPORARY PAVEMENT MARKING (PAINT) (SQFT)
TH-30 TO TH-33	101	NB	US101	109+30.78	142+65.53	12		69		69			3,335		834	
						25			69	69			3,335		3,335	
						27B							3,335		3,335	
	101	SB	US101	109+30.78	154+78.18	12		95		95			4,547		1,137	
						25			95	95			4,547		4,547	
						27B							4,547		4,547	
TH-31,32	101 SB ON RAMP		NST6SB1	125+34.00	126+93.00	8								159		
				126+93.00	129+84.00	36B		13						291		
				129+84.00	139+00.00	25A			39				916		916	
				126+93.00	139+00.00	27B							1,207		1.207	
TH-31	101 NB OFF RAMP		NST6NB1	126+07.00	129+40.00	36		28						666		
	101 NB ON RAMP		ST6CA1	131+95.60	142+66.91	27B							1,071		1,071	
						25A			45				1,071		1,071	
TH-32	101 SB ON RAMP		NST5SB1	137+80.00	139+00.00	27B									120	
						25A				6					120	
	101 SB OFF RAMP		NST6SB1	140+09.41	143+56.73	38A								347		
				140+09.41	145+28.50	27B							519		519	
						25A			22				519		519	
				145+28.50	148+20.85	36		37						585		
TH-32	CASITAS PASS		ST6CS1	11+00.00	20+86.70	27B									1,086	
						22				90					1,086	
TH-32,33	VIAREAL		NST6NB1	140+12.00	141+37.04	38A								125		
				140+12.00	149+16.38	21							904		904	
TH-34 TO TH-35	101 NB ON RAMP		ST6LI1	161+36.64	166+21.00	27B							484		484	
						25A			21				484		484	
	101	NB	NST6NB1	159+00.00	176+98.93	12		38		38			1,799		450	
						25			38	38			1,799		1,799	
						27B							1,799		1,799	
TH-37 TO TH-38	101	SB	US101	125+30.70	145+10.87	12		41		41			1,980		495	
						25			41	41			1,980		1,980	
						27B							1,980		1,980	
				125+30.70	128+19.00	8								288		
				128+19.00	133+82.00	36B								563		
				128+19.00	133+82.00	27B							563		563	
				130+94.12	133+82.00	25A				12			288		288	
SUBTOTAL SHEET TH-1							241	534	526	2,321	20,646	14,419	81,452	1,864	27,038	156
SUBTOTAL SHEET TH-2							224	246	351	542			50,292	682	28,662	588
SUBTOTAL SHEET TH-3							224	346	341	561	57		54,029	2,131	35,027	77
TOTAL							689	1,447	1,588	4,018	20,703	14,419	228,782	7,701	126,197	821
GRAND TOTAL							3,724			4,018	20,703	14,419	228,782	7,701	126,197	821

TRAFFIC HANDLING QUANTITIES
THQ-4

REVISED BY | DATE REVISED
GURMIT GILL | FAWZI YAGHMOUR
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

LAST REVISION 10-12-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:18

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	307	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

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TEMPORARY RAILING (TYPE K)

SHEET No.	ROUTE	DIRECTION			LOCATION STA TO STA		TEMPORARY RAILING (TYPE K) LF
TH-1 TO TH-6	101	NB	MAIN LINE (LT)	NST1NB1	112+87	175.04	6,217
	101	SB	MAIN LINE (LT)	NST1SB1	112+31	139+20	2,700
			MAIN LINE (RT)	NST1SB1	141+87	155+36	1,349
			MAIN LINE (RT)	NST1SB1	165+18	174+88	980
TH-3	CASITAS PASS Rd			NST1SC1	13+24	14+10	100
TH-7 TO TH-9	101	NB	MAIN LINE (RT)	NST2NB1	112+83	138+91	2,600
			MAIN LINE (LT)	NST2NB1	116+22	141+54	2,532
			MAIN LINE (RT)	NST2NB1	138+18	140+00	200
	101	SB	MAIN LINE (RT)	NST2SB1	115+89	142+40	2,660
			MAIN LINE (LT)	NST2SB1	139+29	142+40	320
				NST2SB1	116+87	124+44	757
TH-9	CASITAS PASS Rd			ST2SC1	14+06 17+00	16+30 20+41	580
TH-8,9	101 NB OFF RAMP(LT)			NST2NB1	138+20	138+91	71
TH-11	101	NB	MAIN LINE (LT)	US101	159+93	161+92	199
	101	SB	MAIN LINE (LT)	US101	160+51	162+39	188
	101	SB	MAIN LINE (RT)	US101	160+51	162+39	188
TH-12	101	NB	MAIN LINE (LT)	US101	173+25	174+94	180
TH-11,12	101	NB	MAIN LINE (RT)	US101	161+59	174+94	1,340
TH-11	LINDEN Ave			ST2LIN1	11+28	16+64	540
TH-11	LINDEN Ave And OGAN Rd			ST2LIN1	160+82 21+00	163+00 23+64	480
TH-14,15	101	NB	MAIN LINE (RT)	NST3SB1	129+85	139+65	980
TH-15,16	101 SB OFF RAMP			NST3SB1	143+97	150+82	700
TH-15	CASITAS PASS Rd			ST3SC1	16+40	17+19	80
TH-19 TO TH-23	101	NB	MAIN LINE (RT)	NST4NB1	112+48 132+40	128+21 150+68	3,400
	101	NB	MAIN LINE (LT)	NST4NB1	115+55	141+38	2,583
	101	SB	MAIN LINE (RT)	NST4SB1	116+00	142+11	2,620
	101	SB	MAIN LINE (LT)	NST4SB1	116+00	160+47	4,440
TH-19,21	101	SB	ON RAMP	NST4SB1	118+74	138+63	1,980
TH-21	CASITAS PASS Rd			ST4SC1	13+14	19+30	620
TH-23	LINDEN Ave			ST4LIN1	15+70	23+52	780
TH-25 TO TH-29	101	NB	MAIN LINE (RT)	NST5NB1	137+88	174+60	3,672
	101	NB	MAIN LINE (LT)	NST5NB1	134+96	166+35	3,140
	101	SB	MAIN LINE (LT)	NST5SB1	138+59	142+12	360
	101	SB	MAIN LINE (LT)	NST5SB1	152+42	172+41	2,000
	101	SB	MAIN LINE (RT)	NST5SB1	141+51	166+81	2,540
TH-25,26	101	SB	ON RAMP (LT)	ST5CA3	130+00	138+00	800
TH-26	CASITAS PASS Rd			ST5SC1	11+66	13+47	360
	SB OFF RAMP(LT)				139+53	141+23	
	SB OFF RAMP(RT)			ST5SC1	139+49	140+10	361
	CASITAS PASS Rd				14+20	17+51	
					MATCH ABOVE SUBTOTAL		55,597

TEMPORARY RAILING (TYPE K)

SHEET No.	ROUTE	DIRECTION			LOCATION STA TO STA		TEMPORARY RAILING (TYPE K) LF
TH-28	LINDEN Ave			ST5LIN1	11+80	23+85	1,220
TH-28	101 NB ON RAMP LINDEN (LT & RT)			ST5GAN	LS	LS	800
TH-30 TO TH-32	101	NB	MAIN LINE (RT)	US101	123+59	128+24	480
	101	NB	MAIN LINE (RT)	US101	130+20	140+11	991
	101	NB	MAIN LINE (LT)	US101	115+39	140+14	2,475
	101	SB	MAIN LINE (RT)	US101	116+00	127+70	1,180
	101	SB	MAIN LINE (RT)	US101	139+00	142+06	300
	101 SB		MAIN LINE (LT)	NST6SB1	129+84	142+04	1,220
	101 SB ON RAMP CASITAS PASS Rd (RT)			NST6SB1	129+84	139+06	922
	101 NB ON RAMP CASITAS PASS Rd (RT)			ST6CA1	136+56	140+14	360
	OVER THE BRIDGE CASITAS PASS Rd(RT)				LS	LS	160
TH-34,35	101	NB	MAIN LINE (RT)	NST6NB1	159+39	168+51	920
	101	NB	ON RAMP	ST6LI1	10+07	21+43	1,136
TH-35	101	NB	MAIN LINE (LT)	NST6NB1	172+72	175+16	240
TH-36 TO TH-38	101	NB	MAIN LINE	US101	115+39	140+00	2,460
	101	SB	MAIN LINE	US101	116+00	141+46	2,560
					MATCH BELOW SUBTOTAL		55,597
					TOTAL		73,021

TEMPORARY CRASH CUSHION

SHEET No.	TEMPORARY CRASH CUSHION MODULE TYPE "TS14" EA	TEMPORARY ALTERNATIVE CRASH CUSHION EA
TH-1	14	
TH-3	14	1
TH-4	14	
TH-7	42	
TH-8	14	
TH-9	28	1
TH-11	42	3
TH-16	14	
TH-19	28	
TH-20	14	
TH-21	14	3
TH-23		2
TH-26	28	3
TH-28		4
TH-29	28	
TH-30	28	
TH-31	42	
TH-32	28	1
TH-34	14	1
TH-35	14	
TH-36	14	
TH-38	14	
TOTAL	448	19

TYPE III BARRICADES

LOCATION	SHEET	TYPE III BARRICADE EA
STAGE 1	TH-3	2
STAGE 2	TH-7	2
STAGE 2	TH-8	2
STAGE 2	TH-9	2
STAGE 3	TH-13	2
STAGE 3	TH-14	15
STAGE 3	TH-17	14
STAGE 4	TH-20	5
STAGE 4	TH-21	12
STAGE 4	TH-22	2
STAGE 4	TH-23	2
STAGE 5	TH-26	2
STAGE 5	TH-27	2
STAGE 5	TH-28	4
STAGE 6	TH-33	2
STAGE 6	TH-34	2
TOTAL MIQ-1		34
TOTAL		106

FOR ADDTIONAL TYPE III BARRICADE, REFFER TO SHEET MIQ-1.

OBJECT MARKER (TYPE P)

SHEET No.	OBJECT MARKER (TYPE P) EA
TH-1	1
TH-2	2
TH-3	2
TH-4	1
TH-6	1
TH-7	3
TH-8	2
TH-9	8
TH-11	9
TH-15	2
TH-16	1
TH-19	2
TH-20	2
TH-21	7
TH-23	2
TH-26	9
TH-28	5
TH-29	2
TH-30	2
TH-31	4
TH-32	4
TH-34	4
TH-35	1
TH-36	1
TH-37	1
TH-38	1
TOTAL	79

CHANNELIZER (SURFACE MOUNTED)

SHEET No.	CHANNELIZER (SURFACE MOUNTED) EA
TH-1	28
TH-3	26
TH-4	13
TH-6	19
TH-7	39
TH-8	28
TH-9	66
TH-11	81
TH-15	10
TH-16	12
TH-17	22
TH-19	55
TH-20	21
TH-21	51
TH-22	5
TH-23	15
TH-25	23
TH-26	61
TH-27	5
TH-28	20
TH-29	44
TH-30	35
TH-31	78
TH-32	53
TH-34	22
TH-35	27
TH-36	25
TH-37	17
TH-38	32
TOTAL	933

TRAFFIC HANDLING QUANTITIES

THQ-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY
DATE REVISED

LAST REVISION 10-12-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:18

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	308	786

11-16-15
REGISTERED CIVIL ENGINEER DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
FAWZI YAGHMOUR
No. 54750
Exp. 12-31-17
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

TRAFFIC HANDLING SIGNS STATIONARY MOUNTED

SHEET No.	SIGN No.	SIGN CODE	SIGN MESSAGE	PANEL SIZE	No. OF POST AND SIZE	No. OF SIGNS	SIGNS FROM PREVIOUS STAGE (N)
TH-1	1	W21-5 (Mod)	LEFT SHOULDER WORK	48" X 48"	1 - 6" X 6"	2	
	2	W21-5b	LEFT SHOULDER CLOSSED 1000 FT	48" X 48"	2 - 6" X 6"	2	
		W1-4R	MERGE TO RIGHT	48" X 48"		2	
	3	C30A (CA)	LEFT SHOULDER CLOSED	48" X 48"	1 - 6" X 6"	2	
		W7-3aP	NEXT 1¼ MILES	24" X 18"		2	
	4	SC20(CA)	SLOW FOR CONE ZONE	48" X 48"	1 - 6" X 6"	2	
	5	W1-4R	MERGE TO RIGHT	48" X 48"	1 - 6" X 6"	2	
TH-3	6	W21-5b	SHOULDER CLOSSED 500 FT	36" X 36"	1 - 6" X 6"	1	
		W20-2	DETOUR AHEAD	36" X 36"		1	
	7	W20-3(Alt)	SB ON RAMP CLOSED (Alt)	36" X 36"	1 - 6" X 6"	1	
		W1-4L	MERGE TO LEFT	36" X 36"		1	
	8	C30A (CA)	SHOULDER CLOSED	36" X 36"	1 - 4" X 6"	1	
	9	M4-9a	BIKE PEDESTRIAN DETOUR	30" X 24"	1 - 4" X 4"	1	
	10	SC6-4(CA)	RAMP CLOSED	36" X 36"	1 - 4" X 6"	1	
	11	W1-6	ONE DIRECTION LARGE ARROW	36" X 36"	1 - 6" X 6"	1	
		SC6-4(CA)	RAMP CLOSED	36" X 36"		1	
	12	W20-3(Mod)	SB RAMP CLOSED AHEAD	36" X 36"	1 - 6" X 6"	1	
		W21-5	SHOULDER WORK	36" X 36"		1	
	13	W1-4R	MERGE TO RIGHT	36" X 36"	1 - 6" X 6"	1	
		W21-5b	RIGHT SHOULDER CLOSSED 500 FT	36" X 36"		1	
	14	W20-3(Alt)	SB ON RAMP CLOSED	36" X 36"	1 - 6" X 6"	1	
		W20-2	DETOUR AHEAD	36" X 36"		1	
	15	W1-4L	MERGE TO LEFT	48" X 48"	1 - 6" X 6"	2	
	16	C12(CA)	NARROW LANE	48" X 48"	1 - 6" X 6"	1	
	17	W21-3(Mod)	RIGHT SHOULDER CLOSED AHEAD	48" X 48"	1 - 6" X 6"	2	
TH-4	18	W21-5b	RIGHT SHOULDER CLOSSED 1000 FT	48" X 48"	2 - 6" X 6"	2	
		W1-4L	MERGE TO LEFT	48" X 48"		2	
TH-6	19	W21-5	SHOULDER WORK	48" X 48"	1 - 6" X 6"	2	
	20	W21-5b	BOTH SHOULDER CLOSSED 1000 FT	48" X 48"	2 - 6" X 6"	2	
		W1-4R	MERGE TO RIGHT	48" X 48"		2	
	21	C30A (CA) (Mod)	BOTH SHOULDER CLOSED	48" X 48"	1 - 6" X 6"	2	
		W7-3aP	NEXT 1¼ MILES	24" X 18"		2	
	22	SC20(CA)	SLOW FOR CONE ZONE	36" X 36"	1 - 4" X 6"	2	
	23	W1-4L	MERGE TO LEFT	48" X 48"	1 - 6" X 6"	2	
TH-7	24	W21-5	SHOULDER WORK	48" X 48"	1 - 6" X 6"	2	
	25	W21-5b	BOTH SHOULDER CLOSSED 1000 FT	48" X 48"	2 - 6" X 6"	2	
		W1-4L	MERGE TO LEFT	48" X 48"		2	
	26	C30A (CA) (Mod)	SHOULDER CLOSED	48" X 48"	1 - 6" X 6"	2	
		W7-3aP	NEXT 1¼ MILES	24" X 18"			2
	27	R11-2	ROAD CLOSED AHEAD/TYPE N-3(CA) MARKER (SEE DETAIL "B")	36" X 36"	BARRICADE MOUNTED	1	
	28	W1-4L	MERGE TO LEFT	48" X 48"	1 - 6" X 6"	2	
TH-8	29	C30A (CA)	SHOULDER CLOSED	48" X 48"	1 - 6" X 6"	1	
TH-9	30	R11-2	ROAD CLOSED AHEAD/TYPE N-3(CA) MARKER (SEE DETAIL "B")	36" X 36"	BARRICADE MOUNTED	1	
	31	R1-1	STOP	36" X 36"	1 - 4" X 6"	1	
	32	C30A (CA)	SHOULDER CLOSED	48" X 48"	1 - 6" X 6"	1	
	33	W1-4R	MERGE TO RIGHT	48" X 48"	1 - 6" X 6"	2	
	34	W20-2	DETOUR AHEAD	36" X 36"	1 - 4" X 6"	1	
	35	W21-5b	SHOULDER CLOSSED CLOSED AHEAD	36" X 36"	1 - 4" X 6"	1	
	36	C30A (CA)	SHOULDER CLOSED	36" X 36"	1 - 4" X 6"	1	
	37	W1-4L	MERGE TO LEFT	36" X 36"	1 - 4" X 6"	1	
TH-10	38	W21-5b	SHOULDER CLOSSED 1000 FT	48" X 48"	2 - 6" X 6"	2	
		W1-4R	MERGE TO RIGHT	48" X 48"		2	
	39	C30A (CA)	SHOULDER CLOSED	48" X 48"	2 - 6" X 6"	2	
		W7-3aP	NEXT 1 MILES	48" X 48"		2	
	40	W21-5b	LEFT SHOULDER CLOSSED 1000 FT	48" X 48"	1 - 6" X 6"	2	
	41	W21-5a	LEFT SHOULDER CLOSSED	48" X 48"	1 - 6" X 6"	2	

FOR ADDITIONAL CONSTRUCTION AREA SIGNS, REFER TO SHEET CS-1 AND MIQ-4.
(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

TRAFFIC HANDLING QUANTITIES
THQ-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY / DATE REVISED

LAST REVISION 10-12-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:18

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	309	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

TRAFFIC HANDLING SIGNS STATIONARY MOUNTED

SHEET No.	SIGN No.	SIGN CODE	SIGN MESSAGE	PANEL SIZE	No. OF POST AND SIZE	No. OF SIGNS	SIGNS FROM PREVIOUS STAGE (N)
TH-11	42	SC20(CA)	SLOW FOR CONE ZONE	48" X 48"	1 - 6" X 6"	2	
	43	W21-5(Mod)	RIGHT SHOULDER WORK	36" X 36"	1 - 4" X 6"	1	
	44	W21-5b	SHOULDER CLOSSED 625 FT	36" X 36"	1 - 4" X 6"	1	
	45	C30A (CA)	SHOULDER CLOSED	36" X 36"	1 - 6" X 6"	1	
		W7-3aP	NEXT 1000 FEET	24" X 18"		1	
	46	W11-1	BICYCLE	30" X 30"	1 - 4" X 6"	1	
		W16-1P	SHARE THE ROAD (PALQUE)	18" X 24"		1	
	47	SC20(CA)	SLOW FOR CONE ZONE	36" X 36"	1 - 4" X 6"	1	
	48	W21-5(Mod)	RIGHT SHOULDER WORK	36" X 36"	1 - 4" X 6"	1	
	49	W21-5	SHOULDER WORK	36" X 36"	1 - 4" X 6"	1	
	50	W21-5b	SHOULDER CLOSSED 250 FT	36" X 36"	1 - 4" X 6"	1	
	51	C30A (CA)	SHOULDER CLOSED	36" X 36"	1 - 6" X 6"	1	
		W7-3aP	NEXT 1000 FEET	24" X 18"		1	
	52	W11-1	BICYCLE	30" X 30"	1 - 4" X 6"	1	
		W16-1P	SHARE THE ROAD (PALQUE)	18" X 24"		1	
	53	SC20(CA)	SLOW FOR CONE ZONE	36" X 36"	1 - 4" X 6"	1	
	54	M4-9b	PEDESTRIAN DETOUR	30" X 24"	1 - 4" X 4"	1	
	55	W21-5(Mod)	RIGHT SHOULDER WORK	36" X 36"	1 - 4" X 6"	1	
	56	W21-5b	SHOULDER CLOSSED 625 FT	36" X 36"	1 - 4" X 6"	1	
	57	C30A (CA)	SHOULDER CLOSED	36" X 36"	1 - 6" X 6"	1	
		W7-3aP	NEXT 1000 FEET	24" X 18"		1	
	58	W11-1	BICYCLE	30" X 30"	1 - 4" X 6"	1	
		W16-1P	SHARE THE ROAD (PALQUE)	18" X 24"		1	
	59	SC20(CA)	SLOW FOR CONE ZONE	36" X 36"	1 - 4" X 6"	1	
TH-12	60	W21-5(Mod)	BOTH SHOULDER WORK	48" X 48"	1 - 6" X 6"	2	
	61	W21-5b	BOTH SHOULDER CLOSSED 1000 FT	48" X 48"	1 - 6" X 6"	2	
	62	C30A (CA)	SHOULDER CLOSED	48" X 48"	1 - 6" X 6"	2	
		W7-3aP	NEXT 1¼ MILES	24" X 18"		2	
TH-13	63	W21-5	SHOULDER WORK	48" X 48"	1 - 6" X 6"		2
		W20-3 (Alt)	RAMP CLOSED AHEAD	48" X 48"		2	
	64	R11-2	ROAD CLOSED AHEAD/TYPE N-3(CA) MARKER (SEE DETAIL "B"	36" X 36"	BARRICADE MOUNTED	1	
TH-14	65	R11-2		36" X 36"		1	
		R11-2		36" X 36"		2	
TH-15	66	W1-4R	MERGE TO RIGHT	48" X 48"	1 - 6" X 6"	2	
TH-16	67	M4-9b	PEDESTRIAN DETOUR	30" X 24"	1 - 4" X 4"	1	
TH-17	68	C19 (CA)	ROAD CLOSED AHEAD	36" X 36"	1 - 4" X 6"	1	
	69	W21-5b	ROAD CLOSSED 500 FT	36" X 36"	1 - 4" X 6"	1	
	70	M4-8	DETOUR	24" X 12"	1 - 4" X 4"	1	
	71	M4-9	DETOUR	30" X 24"	1 - 4" X 4"	1	
	72	R11-2	ROAD CLOSED AHEAD/TYPE N-3(CA) MARKER (SEE DETAIL "B")	36" X 36"	BARRICADE MOUNTED	1	
	73	R3-1	NO RIGHT TURN	24" X 12"	1 - 4" X 6"	1	
		W1-1	TURN AND CURVE SIGN	36" X 36"		1	
	74	C19 (CA)	ROAD CLOSED AHEAD	36" X 36"	1 - 4" X 6"	1	
	75	W21-5b	ROAD CLOSSED 500 FT	36" X 36"	1 - 4" X 6"	1	
	76	M4-8	DETOUR	24" X 12"	1 - 4" X 4"	1	
	77	M4-9	DETOUR	30" X 24"	1 - 4" X 4"	1	
	78	R11-2	ROAD CLOSED AHEAD/TYPE N-3(CA) MARKER (SEE DETAIL "B")	36" X 36"	BARRICADE MOUNTED	1	
	79	R11-2	ROAD CLOSED AHEAD/TYPE N-3(CA) MARKER (SEE DETAIL "B")	36" X 36"	BARRICADE MOUNTED	1	

FOR ADDITIONAL CONSTRUCTION AREA SIGNS, REFER TO SHEET CS-1 AND MIQ-4.

(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

TRAFFIC HANDLING QUANTITIES
THQ-7

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY / DATE REVISED

LAST REVISION 10-12-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:18

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	310	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

TRAFFIC HANDLING SIGNS STATIONARY MOUNTED

SHEET No.	SIGN No.	SIGN CODE	SIGN MESSAGE	PANEL SIZE	No. OF POST AND SIZE	No. OF SIGNS	SIGNS FROM PREVIOUS STAGE (N)
TH-18	80	SC7(CA) (Spec Sign)	LINDEN AVE TRUCK NOT ALLOWED	108" X 42"	2 - 6" X 6"	1	
	81	SC7(CA) (Spec Sign)	LINDEN AVE TRUCK NOT ALLOWED	108" X 42"	2 - 6" X 6"	1	
	82	R5-2	TRUCK TRAFFIC PROHIBITED	48" X 48"	1 - 6" X 6"	2	
TH-19	83	W21-5b	SHOULDER CLOSSED 1000 FT	48" X 48"	2 - 6" X 6"	2	
		W1-4R	MERGE TO RIGHT	48" X 48"		2	
	84	W4-1	HORIZONTAL ALIGNMENT	48" X 48"	1 - 6" X 6"	1	
	85	W1-4R	MERGE TO RIGHT	48" X 48"	1 - 6" X 6"	2	
TH-20	86	G84-2(CA)	EXIT 86 WITH ARROW	48" X 48"	1 - 6" X 6"	1	
	87	W1-4L	MERGE TO LEFT	48" X 48"	1 - 6" X 6"	2	
	88	R11-2	ROAD CLOSED AHEAD/TYPE N-3(CA) MARKER (SEE DETAIL "B")	36" X 36"	BARRICADE MOUNTED	1	
	89	R3-1	NO RIGHT TURN	36" X 36"	1 - 4" X 4"	1	
TH-21	90	W11-1	BICYCLE	30" X 30"	1 - 4" X 6"	1	
		W16-1P	SHARE THE ROAD (PALQUE)	18" X 24"		1	
	91	W1-4R	MERGE TO RIGHT	36" X 36"	1 - 4" X 4"	1	
	92	R1-1	STOP	36" X 36"	1 - 6" X 6"	1	
		W1-4R	MERGE TO RIGHT	36" X 36"		1	
	93	W1-4L	MERGE TO LEFT	48" X 48"	1 - 6" X 6"	2	
	94	R1-1	STOP	36" X 36"	1 - 4" X 4"	1	
	95	M4-9a	BIKE PEDESTRIAN DETOUR	30" X 24"	1 - 4" X 4"	1	
	96	R1-1	STOP	36" X 36"	1 - 4" X 4"	1	
	97	R1-1	STOP	36" X 36"	2 - 6" X 6"	1	
		R3-1	NO RIGHT TURN	36" X 36"		1	
		W1-4L	MERGE TO LEFT	36" X 36"		1	
	98	R11-2	ROAD CLOSED AHEAD/TYPE N-3(CA) MARKER (SEE DETAIL "B")	36" X 36"	BARRICADE MOUNTED	1	
	99	M3-1	NORTH	24" X 12"	1 - 4" X 6"	1	
		M6-2a	ARROW	21" X 15"		1	
	100	W11-1	BICYCLE	30" X 30"	1 - 4" X 6"	1	
		W16-1P	SHARE THE ROAD (PALQUE)	18" X 24"		1	
	101	M4-9a	BIKE PEDESTRIAN DETOUR	30" X 24"	1 - 4" X 4"	1	
	102	R11-2	ROAD CLOSED AHEAD/TYPE N-3(CA) MARKER (SEE DETAIL "B")	36" X 36"	BARRICADE MOUNTED	1	
	103	R3-2	NO LEFT TURN	36" X 36"	2 - 6" X 6"	1	
		R1-1	STOP	36" X 36"		1	
		W1-4L	MERGE TO LEFT	36" X 36"			1
	104	W1-4R	MERGE TO RIGHT	36" X 36"	1 - 4" X 4"	1	
	105	R11-2	ROAD CLOSED AHEAD/TYPE N-3(CA) MARKER (SEE DETAIL "B")	36" X 36"	BARRICADE MOUNTED	1	
	106	M4-8	DETOUR	30" X 15"	1 - 4" X 6"	1	
		M4-10R	DETOUR /ARROW	48" X 18"		1	
TH-22	107	R11-2	ROAD CLOSED AHEAD/TYPE N-3(CA) MARKER (SEE DETAIL "B")	36" X 36"	BARRICADE MOUNTED	1	
	108	W20-3	ROAD CLOSED AHEAD	36" X 36"	1 - 4" X 6"	1	
	109	W20-2	DETOUR AHEAD	36" X 36"	1 - 4" X 6"	1	
	110	M4-10R	DETOUR /ARROW	48" X 18"	1 - 4" X 6"	1	
	111	SC6-4 (CA)	RAMP CLOSED	48" X 60"	2 - 4" X 6"	1	
		C38 (CA)	USE NEXT EXIT	48" X 36"		1	

FOR ADDITIONAL CONSTRUCTION AREA SIGNS, REFER TO SHEET CS-1 AND MIQ-4.

(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

(80)

LINDEN AVE
TRUCK PROHIBITED
USE ALTERNATE EXIT

SC7(CA)
(SPECIAL SIGN)
5" CAP BLACK/ORANGE
SIZE 108" X 42"

(81)

LINDEN AVE
TRUCK PROHIBITED
USE RAMP AT CASITAS PASS

SC7(CA)
(SPECIAL SIGN)
5" CAP BLACK/ORANGE
SIZE 126" X 30"

TRAFFIC HANDLING QUANTITIES

THQ-8

REVISED BY | DATE REVISED

GURMIT GILL | FAWZI YAGHMOUR

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® TRAFFIC DESIGN

LAST REVISION 10-12-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:18

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	311	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

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TRAFFIC HANDLING SIGNS STATIONARY MOUNTED

SHEET No.	SIGN No.	SIGN CODE	SIGN MESSAGE	PANEL SIZE	No. OF POST AND SIZE	No. OF SIGNS	SIGNS FROM PREVIOUS STAGE (N)
TH-23	112	W20-3 (Alt)	RAMP CLOSED AHEAD	48" X 48"	1 - 6" X 6"	2	
		W21-5 (Mod)	BOTH SHOULDER WORK	48" X 48"		2	
	113	W21-5b	BOTH SHOULDER CLOSSED 1000 FT	48" X 48"	2 - 6" X 6"	2	
		W1-4L	MERGE TO LEFT	48" X 48"		2	
		C30(CA) (Alt)	RAMP CLOSED	48" X 48"		2	
	114	SC20(CA)	SLOW FOR CONE ZONE	48" X 48"	1 - 6" X 6"	2	
	115	C30A (CA)	SHOULDER CLOSED	48" X 48"	1 - 6" X 6"	2	
		W7-3aP	NEXT 1 1/4 MILES	24" X 18"		2	
	116	W21-5	SHOULDER WORK	36" X 36"	1 - 4" X 6"	1	
	117	W21-5b(Mod)	SHOULDER CLOSSED 625 FT	36" X 36"	1 - 6" X 6"	1	
		W1-4R	MERGE TO RIGHT	36" X 36"		1	
	118	C30A (CA)	SHOULDER CLOSED	36" X 36"	1 - 6" X 6"	1	
		W7-3aP	NEXT 1000 FEET	24" X 18"		1	
	119	W11-1	BICYCLE	30" X 30"	1 - 6" X 6"	1	
		W16-1P	SHARE THE ROAD (PALQUE)	18" X 24"		1	
	120	SC20(CA)	SLOW FOR CONE ZONE	36" X 36"	1 - 6" X 6"	1	
	121	W21-5(Mod)	RIGHT SHOULDER WORK	36" X 36"	1 - 4" X 6"	1	
	122	W21-5	SHOULDER WORK	36" X 36"	1 - 4" X 6"	1	
	123	W21-5b(Mod)	SHOULDER CLOSSED 250 FT	36" X 36"	1 - 6" X 6"	1	
		W1-4L	MERGE TO LEFT	36" X 36"		1	
	124	C30A (CA)	SHOULDER CLOSED	36" X 36"	1 - 6" X 6"	1	
		W7-3aP	NEXT 1000 FEET	24" X 18"		1	
	125	W11-1	BICYCLE	30" X 30"	1 - 6" X 6"	1	
		W16-1P	SHARE THE ROAD (PALQUE)	18" X 24"		1	
	126	SC20(CA)	SLOW FOR CONE ZONE	36" X 36"	1 - 4" X 6"	1	
	127	W21-5b	RIGHT SHOULDER CLOSSED 500 FT	36" X 36"	1 - 4" X 6"	1	
	128	C30A (CA)	RIGHT SHOULDER CLOSED	36" X 36"	1 - 6" X 6"	1	
		W7-3aP	NEXT 1000 FEET	24" X 18"		1	
	129	W11-1	BICYCLE	30" X 30"	1 - 6" X 6"	1	
		W16-1P	SHARE THE ROAD (PALQUE)	18" X 24"		1	
	130	R1-1	STOP	30" X 30"	1 - 4" X 6"	1	
		M4-9b	PEDESTRIAN DETOUR	30" X 24"		1	
TH-24	131	R9-8 (Mod)	PEDESTRIAN ONLY	30" X 24"	1 - 4" X 4"	1	
TH-25	132	W4-1	MERGING TRAFFIC	48" X 48"	1 - 6" X 6"	1	
	133	W4-1	MERGING TRAFFIC	48" X 48"	1 - 6" X 6"	1	
TH-26	134	R1-1	STOP	36" X 36"	1 - 4" X 4"	1	
	135	R1-1	STOP	36" X 36"	2 - 6" X 6"		1
		W1-4L	MERGE TO LEFT	36" X 36"			1
		M3-1	NORTH	24" X 12"		1	
		M6-1	DIRECTIONAL ARROW	21" X 15"		1	
	136	W1-6	ONE-DIRECTION LARGE ARROW	48" X 24"	1 - 6" X 6"	1	
		M3-1	CARDINAL DIRECTION	24" X 12"		1	
	137	R11-2	ROAD CLOSED AHEAD/TYPE N-3(CA) MARKER (SEE DETAIL "B")	36" X 36"	BARRICADE MOUNTED	1	
	138	R1-1	STOP	36" X 36"	2 - 6" X 6"		1
		W1-4L	MERGE TO LEFT	36" X 36"			1
		M3-1	NORTH	24" X 12"		1	
		M6-1	DIRECTIONAL ARROW	21" X 15"		1	

FOR ADDITIONAL CONSTRUCTION AREA SIGNS, REFER TO SHEET CS-1 AND MIQ-4.

(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

TRAFFIC HANDLING QUANTITIES

THQ-9

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY
DATE REVISED

LAST REVISION 10-12-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:18

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12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

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TH-27	139	R11-2	ROAD CLOSED AHEAD/TYPE N-3(CA) MARKER (SEE DETAIL "B")	36" X 36"	BARRICADE MOUNTED	1	
TH-28	140	C30A (CA)	SHOULDER CLOSED	36" X 36"	1 - 6" X 6"	1	
		W7-3aP	NEXT 1000 feet	24" X 18"		1	
TH-29	141	W21-5 (Mod)	BOTH SHOULDER WORK	48" X 48"	1 - 6" X 6"	2	
		W20-3(Alt)	RAMP CLOSED AHEAD	48" X 48"		2	
	142	W21-5b	BOTH SHOULDER CLOSSED 1000 FT	48" X 48"	2 - 6" X 6"	2	
		W1-4L	MERGE TO LEFT	48" X 48"		2	
	143	C30A (CA)	BOTH SHOULDER CLOSED	48" X 48"	2 - 6" X 6"	2	
		W7-3aP	NEXT 1¼ MILES	24" X 18"		2	
	144	SC20(CA)	SLOW FOR CONE ZONE	48" X 48"	1 - 6" X 6"	2	
	145	SC6-4(CA)	RAMP CLOSED	48" X 48"	2 - 4" X 6"	1	
		C38 (CA)	USE NEXT EXIT	48" X 36"		1	
TH-31	146	W1-4R	MERGE TO RIGHT	48" X 48"	1 - 6" X 6"	2	
	147	W4-1	HORIZONTAL ALIGNMENT	48" X 48"	1 - 6" X 6"	1	
TH-32	148	W1-4L	MERGE TO LEFT	48" X 48"	1 - 6" X 6"	2	
	149	W20-2	DETOUR AHEAD	36" X 36"	1 - 4" X 6"	1	
	150	W20-5	RIGHT LANE CLOSED AHEAD	36" X 36"	1 - 4" X 6"	1	
	151	M4-9a	BIKE PEDESTRIAN DETOUR	30" X 24"	1 - 4" X 4"	1	
	152	W4-2	LANE ENDS	36" X 36"	1 - 4" X 6"	1	
	153	R18A (CA)	RIGHT LANE MUST RIGHT TURN	66" X 48"	1 - 6" X 6"	1	
	154	SC11(CA)	LANE CLOSED	42" X 30"	1 - 4" X 6"	1	
	155	R1-1	STOP	36" X 36"	1 - 4" X 4"	1	
	156	R1-1	STOP	36" X 36"	1 - 4" X 4"	1	
	157	R1-1	STOP	36" X 36"	1 - 4" X 4"	1	
TH-33	158	W21-5b	RIGHT SHOULDER CLOSSED 1000 FT	48" X 48"	1 - 6" X 6"	1	
	159	W20-2	DETOUR AHEAD	36" X 36"	1 - 4" X 6"	1	
	160	SC9(CA) Alt	FWY DETOUR	36" X 36"	1 - 4" X 6"	1	
	161	W20-2	DETOUR AHEAD	36" X 36"	1 - 4" X 4"	1	
	162	M4-10(LT)	DETOUR ARROW	36" X 36"	1 - 4" X 4"	1	
	163	R3-1	NO RIGHT TURN	24" X 24"	1 - 4" X 4"	1	
	164	R11-2	ROAD CLOSED AHEAD/TYPE N-3(CA) MARKER (SEE DETAIL "B")	36" X 36"	BARRICADE MOUNTED	1	
	165	W21-5b	SHOULDER CLOSSED 1000 FT	48" X 48"	2 - 6" X 6"	2	
		W1-4R	MERGE TO RIGHT	48" X 48"		2	
	166	C30A (CA)	BOTH SHOULDER CLOSED	48" X 48"	1 - 6" X 6"	2	
		W7-3aP	NEXT 1¼ MILES	24" X 18"		2	
TH-34	167	W21-5a	RIGHT SHOULDER CLOSED	48" X 48"	1 - 6" X 6"	2	
	168	W20-2	DETOUR AHEAD	36" X 36"	1 - 4" X 4"	1	
	169	M4-10(LT)	DETOUR ARROW	36" X 36"	1 - 4" X 4"	1	
	170	R11-2	ROAD CLOSED AHEAD/TYPE N-3(CA) MARKER (SEE DETAIL "B")	36" X 36"	BARRICADE MOUNTED	1	
	171	R11-2	ROAD CLOSED AHEAD/TYPE N-3(CA) MARKER (SEE DETAIL "B")	36" X 36"	BARRICADE MOUNTED	1	
TH-36	172	W21-5(Mod)	LEFT SHOULDER WORK	48" X 48"	1 - 6" X 6"	1	
	173	W21-5b	SHOULDER CLOSED AHEAD	48" X 48"	1 - 6" X 6"	1	
TH-37	174	W4-1	HORIZONTAL ALIGNMENT	48" X 48"	1 - 6" X 6"	1	
TH-38	175	W21-5(Mod)	LEFT SHOULDER WORK	48" X 48"	1 - 6" X 6"	2	
	176	W21-5b(Mod)	BOTH SHOULDER CLOSED 1000 FEET	48" X 48"	2 - 6" X 6"	2	
		W1-4R	MERGE TO RIGHT	48" X 48"		2	
	177	C30A (CA)(Mod)	SHOULDER CLOSED	48" X 48"	2 - 6" X 6"	2	
		W7-3aP	NEXT 1 MILES	24" X 18"		2	
	178	W1-4L	MERGE TO LEFT	48" X 48"	1 - 6" X 6"	2	
					TOTAL (THQ-6 TO THQ-10)	307	

FOR ADDITIONAL CONSTRUCTION AREA SIGNS, REFER TO SHEET CS-1 AND MIQ-4

(N) NOT A SEPARATE PAY ITEM, FIR INFORMATION ONLY.

TRAFFIC HANDLING QUANTITIES
THQ-10

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: FAWZI YAGHMOUR
CHECKED BY: GURMIT GILL
REVISED BY
DATE REVISED

LAST REVISION 10-12-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:18

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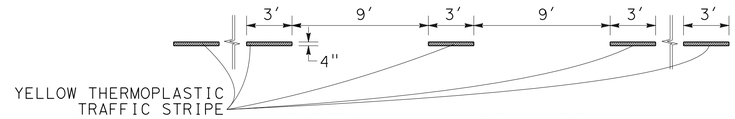
LEGEND:

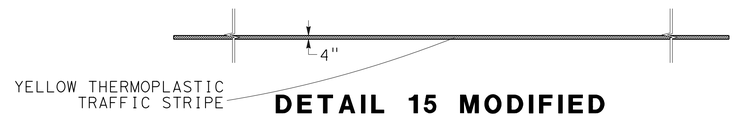
- XX — THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE) DETAIL No.
- 11/13 — INDICATES COMBINATION STRIPE OF DETAIL 11 AND DETAIL 13
- STRIPE CHANGE LOCATION
- LIMIT OF STRIPING DETAIL
- I_F — DELINEATOR TYPE F (CLASS 1)
- I_E — DELINEATOR TYPE E (CLASS 1)
- I_G — DELINEATOR TYPE G (CLASS 1)
- I_{GR_G} — GUARD RAIL DELINEATOR TYPE G (CLASS 1)
- I_{GR_F} — GUARD RAIL DELINEATOR TYPE F (CLASS 1)
- I_R — OBJECT MARKER TYPE R (CA) (OM-3C)
- I_L — OBJECT MARKER TYPE L-1 (CA) (OM2-1V) OR (OM2-2V)
- I_K — OBJECT MARKER TYPE K-1 (CA) (OM2-2H) OR (OM2-1H)
- THERMOPLASTIC PAVEMENT MARKING TYPE I ARROW
- THERMOPLASTIC PAVEMENT MARKING TYPE II ARROW (L+ OR R+)
- THERMOPLASTIC PAVEMENT MARKING TYPE III ARROW (L+ OR R+)
- THERMOPLASTIC PAVEMENT MARKING TYPE V ARROW
- THERMOPLASTIC PAVEMENT MARKING TYPE VI ARROW (L+ OR R+)
- THERMOPLASTIC PAVEMENT MARKING TYPE BIKE LANE ARROW
- THERMOPLASTIC PAVEMENT MARKING TYPE IV ARROW (L+ OR R+)
- THERMOPLASTIC PAVEMENT MARKING
- OR — THERMOPLASTIC PAVEMENT MARKING BIKE LANE SYMBOL
- X — (3,2,1) EXIT RAMPS ADVANCE MARKERS DETAIL No.

NOTE:

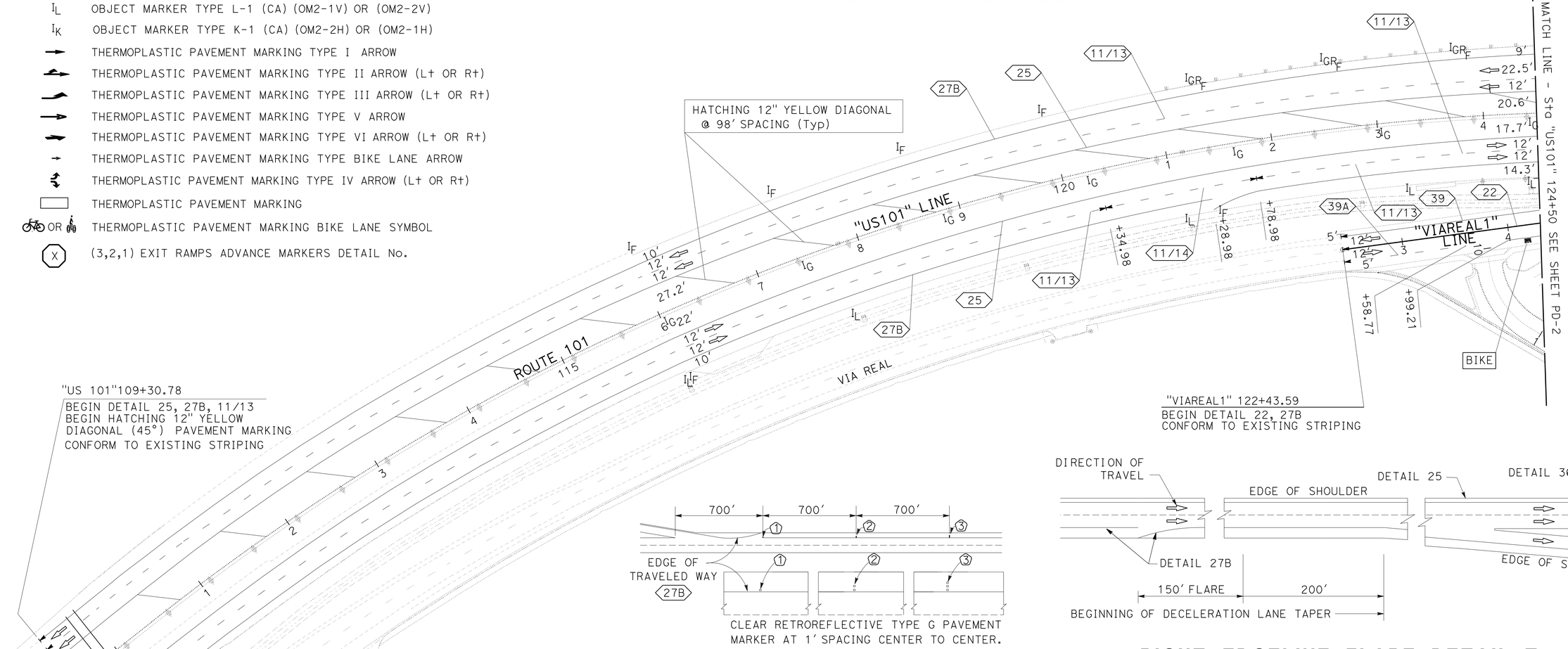
EXACT LOCATIONS OF OBJECT MARKERS, PAVEMENT MARKINGS, AND SIGNS TO BE DETERMINED BY THE ENGINEER.



DETAIL 1 MODIFIED



DETAIL 15 MODIFIED

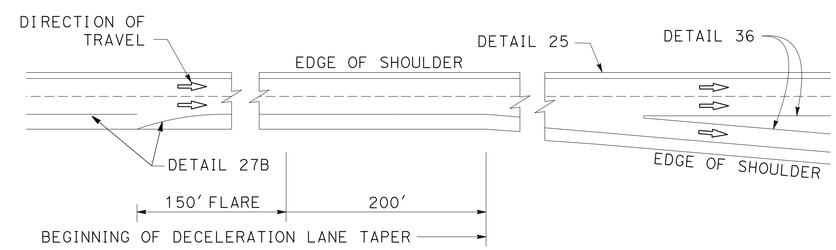


CLEAR RETROREFLECTIVE TYPE G PAVEMENT MARKER AT 1′ SPACING CENTER TO CENTER.
3,2,1 MARKER

FOG MARKER DETAIL

(Typ)

NO SCALE



RIGHT EDGELINE FLARE DETAIL Typ

PAVEMENT DELINEATION PLAN

PD-1

SCALE 1":50′

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY / DATE REVISED

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REGISTERED PROFESSIONAL ENGINEER
FAWZI YAGHMOUR
No. 54750
Exp. 12-31-17
CIVIL
STATE OF CALIFORNIA

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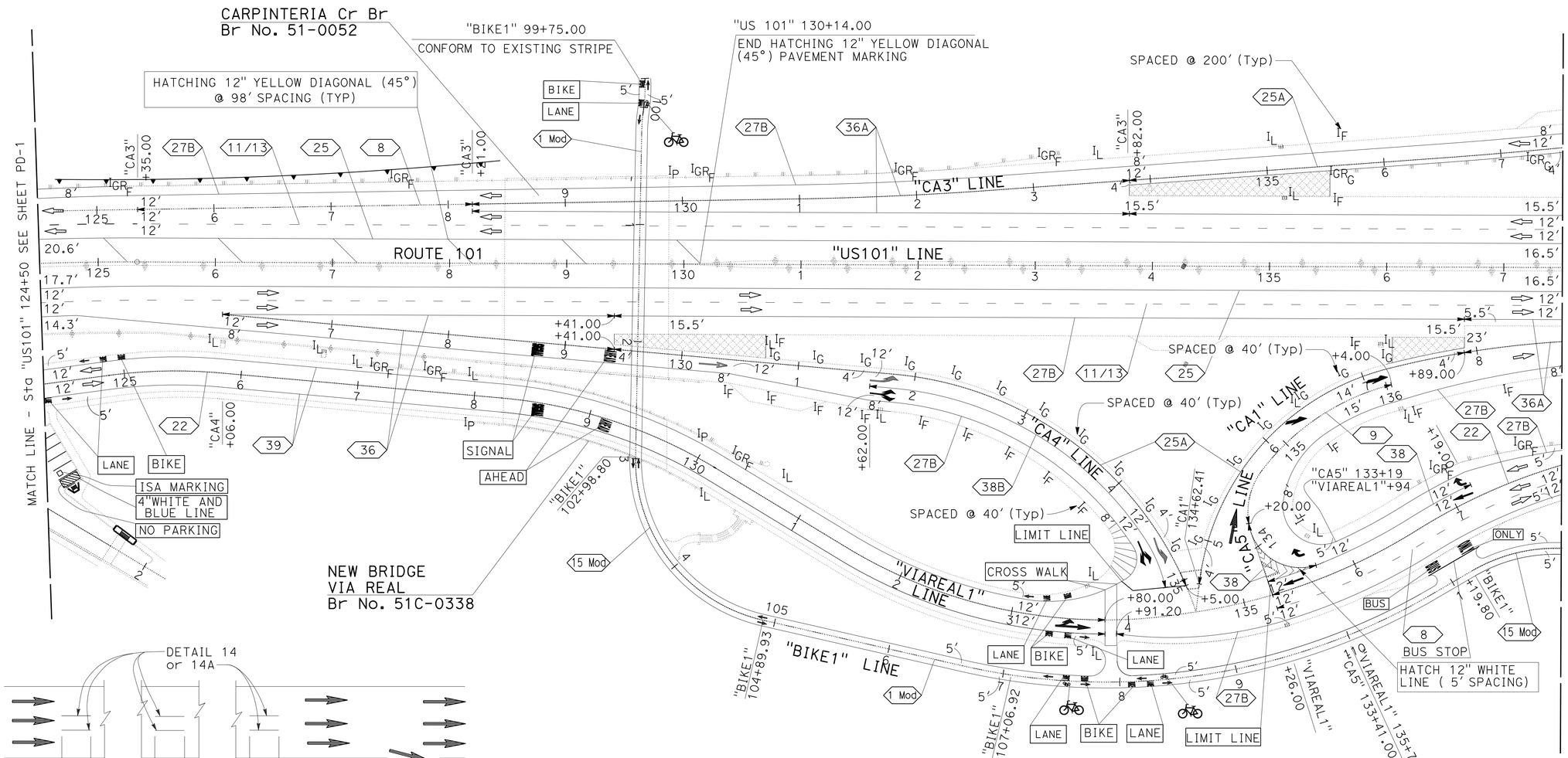

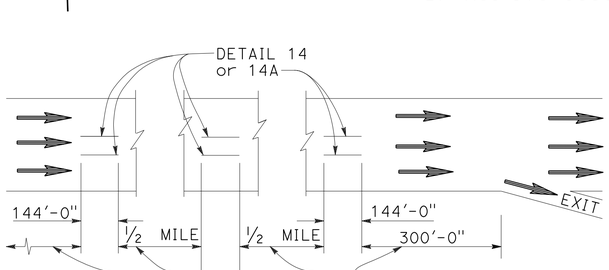

TYPICAL LANE LINE DELINEATION
IN ADVANCE OF EXIT RAMP

PAVEMENT DELINEATION PLAN

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

SCALE 1":50'

PD-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY
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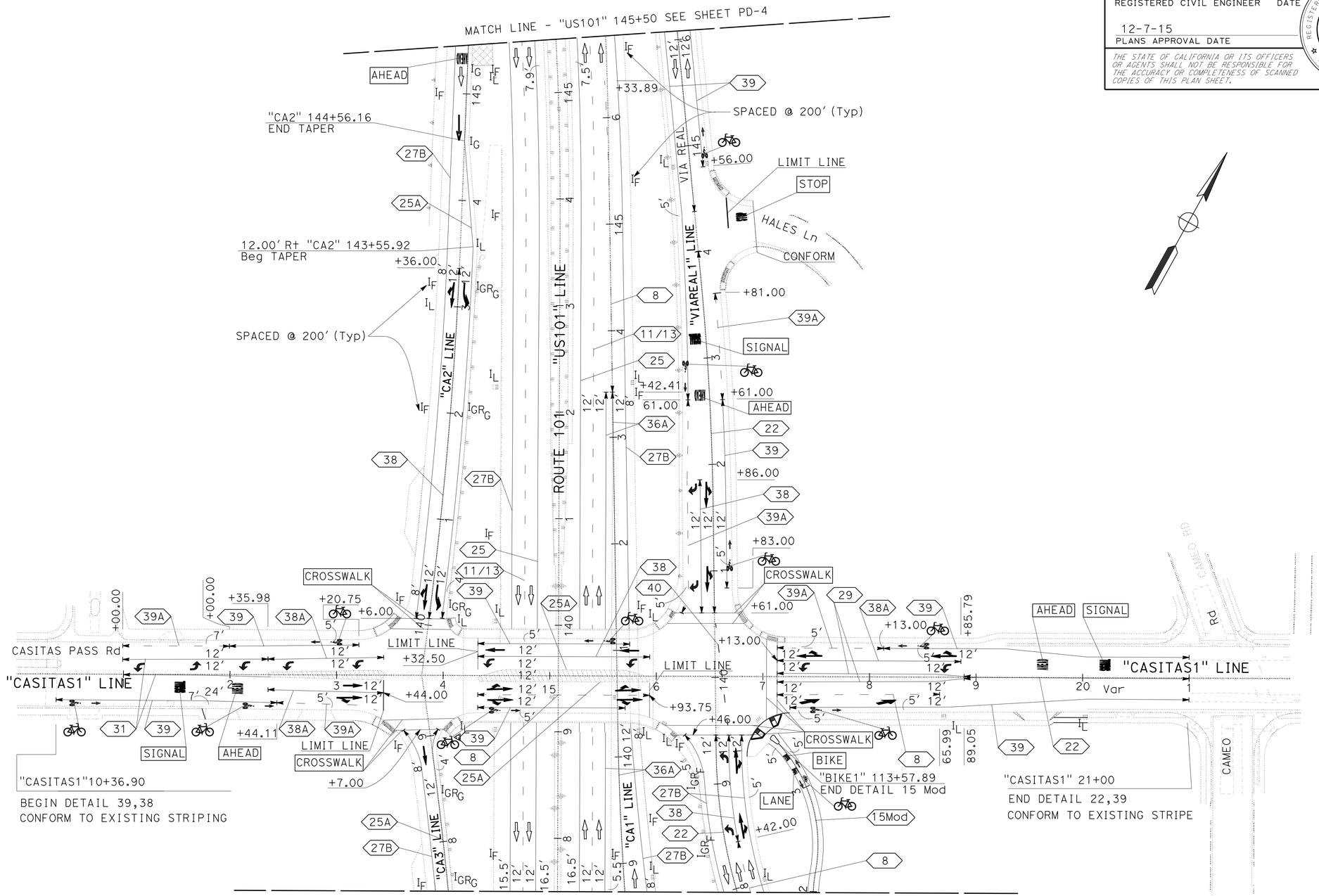

PAVEMENT DELINEATION PLAN

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

SCALE 1":50'

PD-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY
DATE REVISED

LAST REVISION 10-12-15
DATE PLOTTED => 26-JAN-2016
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FAWZI YAGHMOUR
No. 54750
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CIVIL
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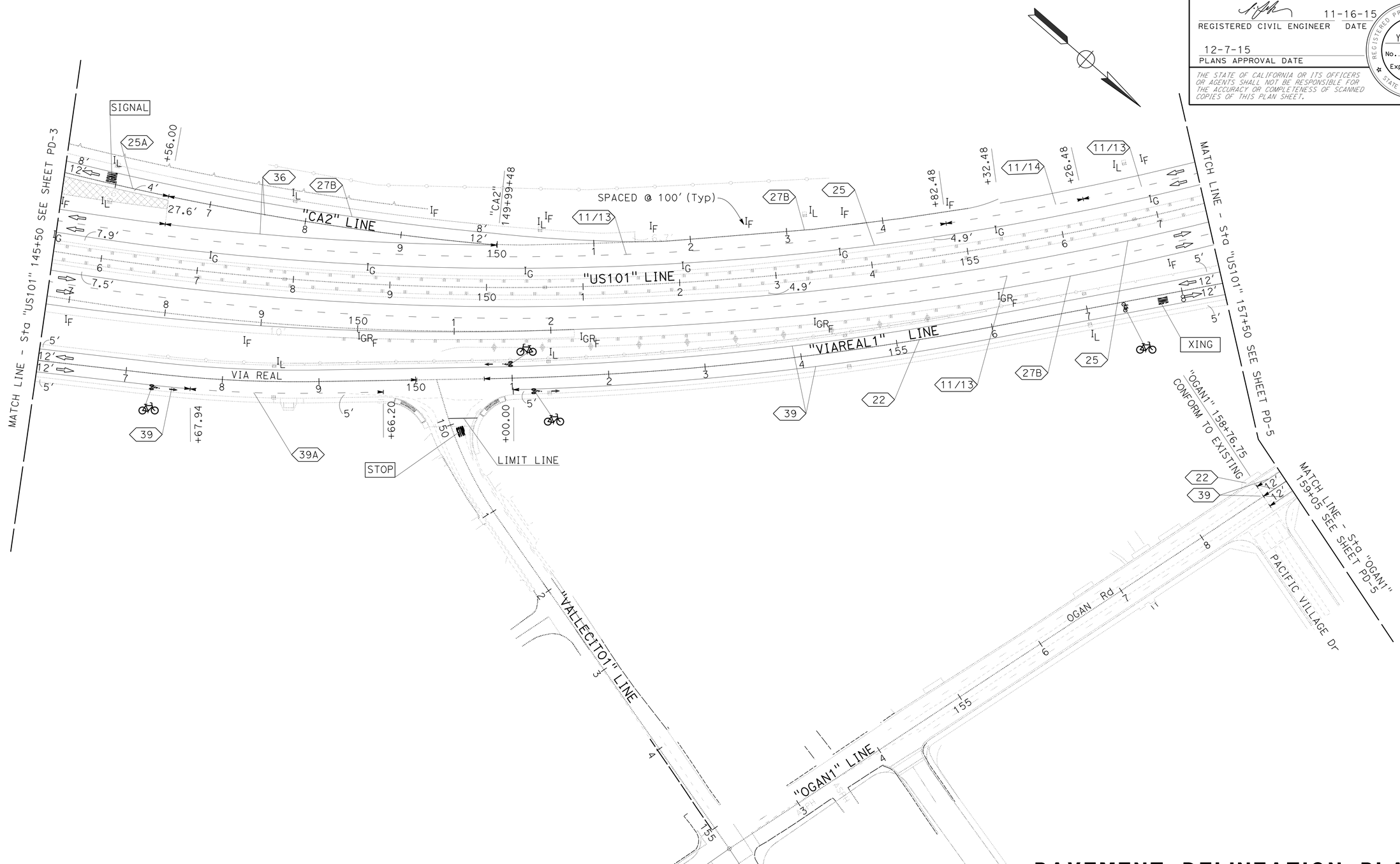

PAVEMENT DELINEATION PLAN

PD-4

SCALE 1":50'

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
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DATE REVISED

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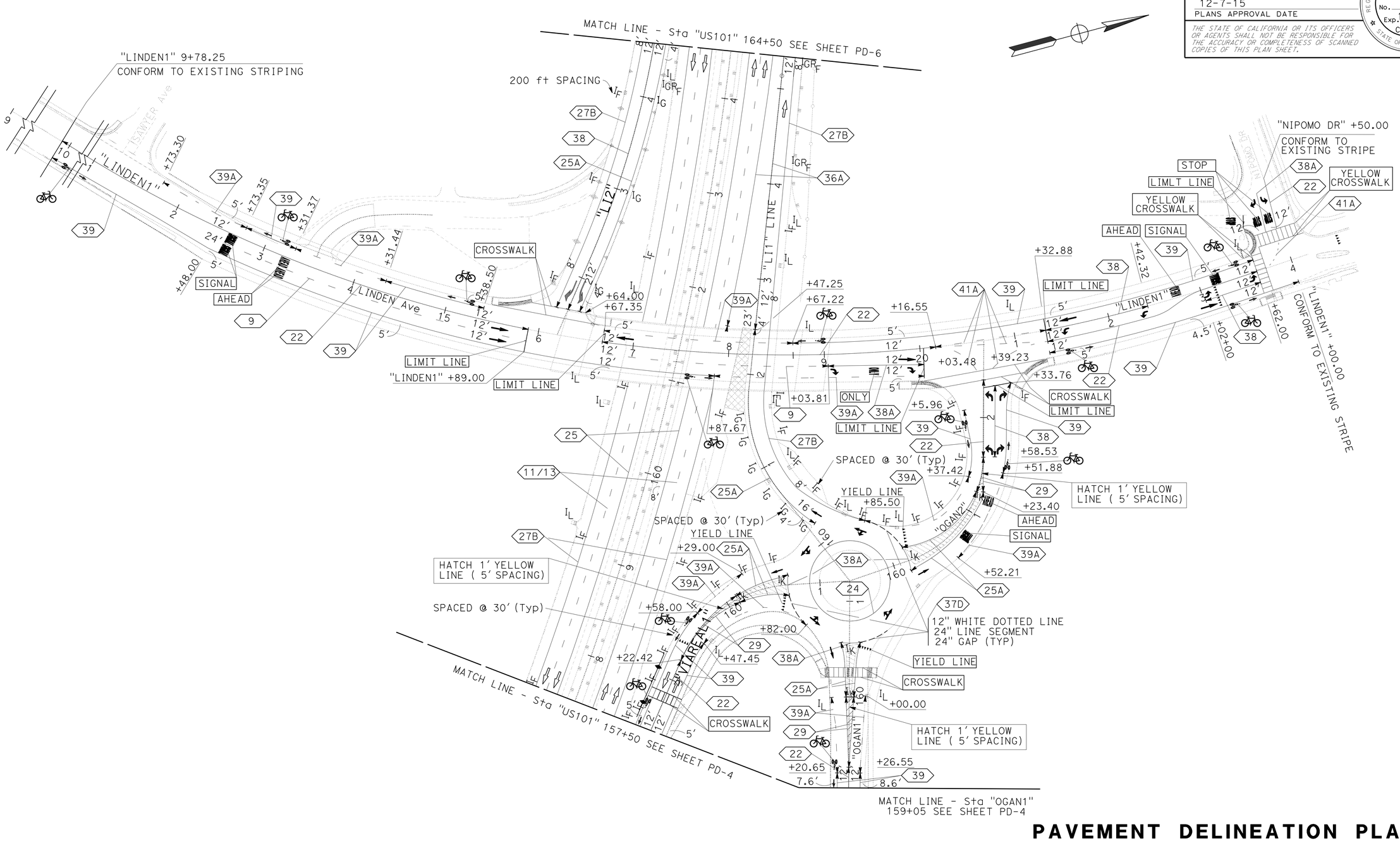

PAVEMENT DELINEATION PLAN

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

SCALE 1":50'

PD-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY / DATE REVISED

LAST REVISION 10-12-15
DATE PLOTTED => 26-JAN-2016
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FAWZI YAGHMOUR
No. 54750
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CIVIL
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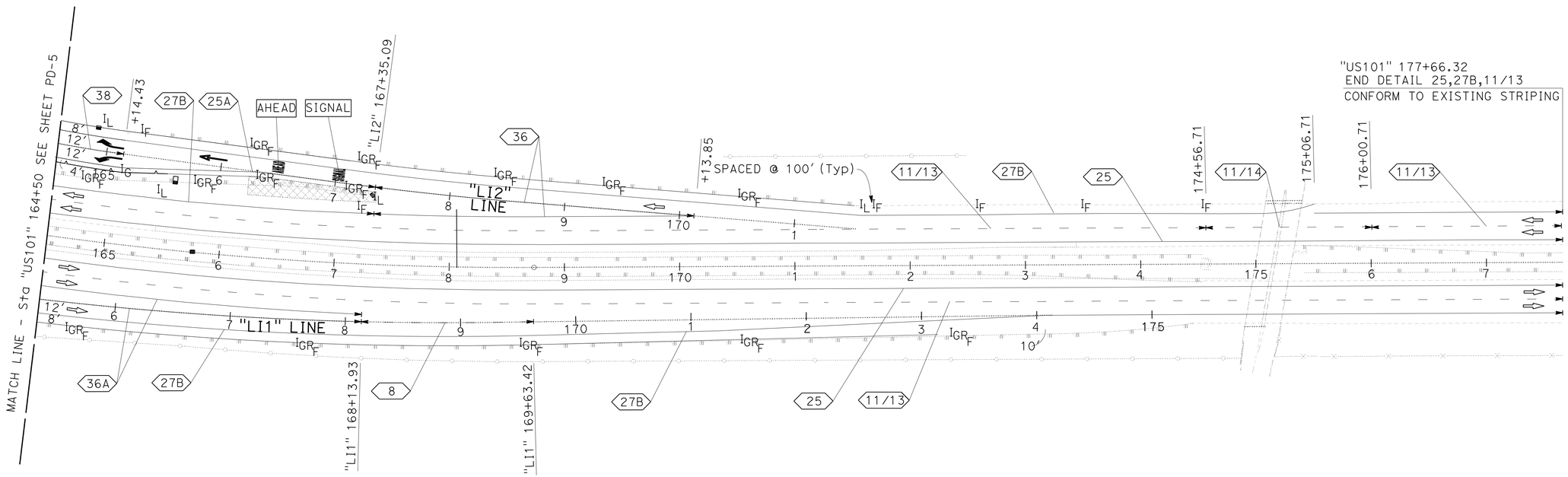

PAVEMENT DELINEATION PLAN

PD-6

SCALE 1":50'

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY
DATE REVISED

LAST REVISION 10-12-15
DATE PLOTTED => 26-JAN-2016
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REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PAVEMENT DELINEATION QUANTITIES

SHEET No.	ROUTE	LOCATION/STATION	DIRECTION	DETAIL No.	PAVEMENT MARKER (NON-REFLECTIVE) TYPE A	PAVEMENT MARKER (RETROREFLECTIVE) TYPE C	TYPE D	TYPE G	TYPE H	TYPE AY	THERMOPLASTIC TRAFFIC STRIPE 8"	6"	4"	4" (BROKEN 36-12)	4" (BROKEN 17-7)	4" (BROKEN 6-1)	THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) 8"	4"	4" (BROKEN 36-12)	4" (BROKEN 17-7)
					EA	EA	EA	EA	EA	EA	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
PD-1 TO PD-6	Rte 101	"US101" 109+30 TO 177+66	NB	27B														6,836		
PD-1 TO PD-6	Rte 101	"US101" 109+30 TO 177+66	NB	25					143									6,836		
PD-1 TO PD-6	Rte 101	"US101" 109+30 TO 177+66	NB	11/13	562			141											6,692	
PD-1 TO PD-4	Rte 101	"US101" 109+30 TO 177+66	SB	27B														6,836		
PD-1 TO PD-6	Rte 101	"US101" 109+30 TO 177+66	SB	25					143									6,836		
PD-1 TO PD-6	Rte 101	"US101" 109+30 TO 177+66	SB	11/13	562			137											6,548	
PD-1 TO PD-2	VIAREAL	"VIAREAL1" 122+43 TO 133+80		39								2,174								
PD-1	VIAREAL	"VIAREAL1" 122+43 TO 123+58		39A								115								
PD-1 TO PD-2	VIAREAL	"VIAREAL1" 122+43 TO 133+80		22			96						2,274							
PD-2 TO PD-3	VIAREAL	"VIAREAL1" 133+91 TO 139+46		27B									555							
PD-2 TO PD-3	VIAREAL	"VIAREAL1" 135+94 TO 139+46		27B									352							
PD-2 TO PD-3	VIAREAL	"VIAREAL1" 135+26 TO 139+46		22			37						840							
PD-2 TO PD-3	VIAREAL	"VIAREAL1" 135+26 TO 138+42		8									316							
PD-2	VIAREAL	"VIAREAL1" 135+26 TO 137+19		38				8			193									
PD-2	VIAREAL	"CA5" 133+41 TO 134+20		38				3			79									
PD-2	VIAREAL	"CA5" 133+50 TO 134+20		38				3			70									
PD-2	VIAREAL	"CA5" 134+20 TO 136+04		9											184					
PD-2	ON RAMP	"CA1" 134+62 TO 137+89	NB	25A					15									327		
PD-2 TO PD-3	ON RAMP	"CA1" 137+89 TO 143+42	NB	36A				48									1106			
PD-2 TO PD-3	ON RAMP	"CA1" 133+27 TO 137+89	NB	27B														462		
PD-2	OFF RAMP	"CA4" 126+06 TO 129+41	NB	36				28									670			
PD-2	OFF RAMP	"CA4" 129+41 TO 135+05	NB	27B														564		
PD-2	OFF RAMP	"CA4" 129+41 TO 135+05	NB	25A					25									564		
PD-2	OFF RAMP	"CA4" 131+62 TO 135+05	NB	38B				30									343			
PD-2 TO PD-3	ON RAMP	"CA3" 137+89 TO 139+07	SB	27B														525		
PD-2	ON RAMP	"CA3" 125+35 TO 128+21	SB	8																286
PD-2	ON RAMP	"CA3" 133+82 TO 133+82	SB	36A				48									1,122			
PD-2 TO PD-3	ON RAMP	"CA3" 133+82 TO 139+07	SB	25A					22									525		
PD-2	BIKE	"BIKE1" 99+75 TO 102+98		1 Mod									323							
PD-2	BIKE	"BIKE1" 102+98 TO 104+89		15 Mod									191							
PD-2	BIKE	"BIKE1" 104+89 TO 111+19		1 Mod									630							
PD-2 TO PD-3	BIKE	"BIKE1" 111+19 TO 113+57		15 Mod									238							
PD-3 TO PD-4	OFF RAMP	"CA2" 140+06 TO 146+56	SB	27B														650		
PD-3 TO PD-4	OFF RAMP	"CA2" 140+06 TO 146+56	SB	25A					28									650		
PD-3	OFF RAMP	"CA2" 140+06 TO 143+36	SB	38				15									330			
PD-3	VIAREAL	"VIAREAL1" 140+61 TO 141+86		38				6			125									
PD-3	VIAREAL	"VIAREAL1" 140+61 TO 142+61		39A								200								
PD-3 TO PD-5	VIAREAL	"VIAREAL1" 142+61 TO 159+58		39								1,697								
PD-3	VIAREAL	"VIAREAL1" 140+83 TO 142+61		39								178								
PD-3	VIAREAL	"VIAREAL1" 142+61 TO 143+81		39A								120								
PD-3 TO PD-4	VIAREAL	"VIAREAL1" 144+56 TO 147+67		39								311								
PD-3 TO PD-5	VIAREAL	"VIAREAL1" 140+61 TO 159+22		22			158						3,722							
PD-3	VIAREAL	"VIAREAL1" 138+42 TO 139+46		38				5			104									
SUBTOTAL					1,124		291	472	376		571	4,795	9,441		184		3,571	31,611	13,240	286

REVISED BY | DATE REVISED

GURMIT GILL | FAWZI YAGHMOUR

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR | MOHAMMED QATAMI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® TRAFFIC DESIGN

PAVEMENT DELINEATION QUANTITIES

PDQ-1

LAST REVISION 10-12-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	320	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

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PAVEMENT DELINEATION QUANTITIES

SHEET No.	ROUTE	LOCATION/STATION	DIRECTION	DETAIL No.	PAVEMENT MARKER (NON-REFLECTIVE) TYPE A	PAVEMENT MARKER (RETROREFLECTIVE) TYPE C	TYPE D	TYPE G	TYPE H	TYPE AY	THERMOPLASTIC TRAFFIC STRIPE 8"	6"	4"	4" (BROKEN 36-12)	4" (BROKEN 17-7)	4" (BROKEN 6-1)	THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) 8"	4"	4" (BROKEN 36-12)	4" (BROKEN 17-7)
					EA	EA	EA	EA	EA	EA	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
PD-3	ON RAMP	"CA1" 143+42 TO 146+34	NB	8																292
PD-3	CASITAS	"CASITAS1" 11+00 TO 12+00	WB	39A								100								
PD-3	CASITAS	"CASITAS1" 12+00 TO 13+20	WB	39								344								
PD-3	CASITAS	"CASITAS1" 11+00 TO 12+35		31										540						
PD-3	CASITAS	"CASITAS1" 12+35 TO 13+44	WB	38A							109									
PD-3	CASITAS	"CASITAS1" 14+32 TO 16+11	WB	38				8			179									
PD-3	CASITAS	"CASITAS1" 12+35 TO 13+44	EB	38A							109									
PD-3	CASITAS	"CASITAS1" 10+37 TO 12+44	EB	39								207								
PD-3	CASITAS	"CASITAS1" 12+44 TO 13+44	EB	39A								100								
PD-3	CASITAS	"CASITAS1" 14+32 TO 15+74	WB	39								142								
PD-3	CASITAS	"CASITAS1" 14+32 TO 15+70	EB	39								138								
PD-3	CASITAS	"CASITAS1" 14+32 TO 16+11	EB	8										179						
PD-3	CASITAS	"CASITAS1" 14+32 TO 16+11		25A			16						358							
PD-3	CASITAS	"CASITAS1" 17+13 TO 21+00	EB	39								387								
PD-3	CASITAS	"CASITAS1" 17+13 TO 18+66	EB	8										153						
PD-3	CASITAS	"CASITAS1" 17+13 TO 18+89		29			16						704							
PD-3	CASITAS	"CASITAS1" 18+89 TO 21+00		22			18						422							
PD-3	CASITAS	"CASITAS1" 17+13 TO 18+85	WB	38A							173									
PD-3	CASITAS	"CASITAS1" 17+13 TO 18+13	WB	39A								100								
PD-3	CASITAS	"CASITAS1" 18+13 TO 21+00	WB	39								287								
PD-3	VIAREAL	"VIAREAL1" 139+51 TO 140+56		40												105				
PD-4	OFF RAMP	"CA2" 146+56 TO 149+99	SB	36				30									686			
PD-4	VIAREAL	"VIAREAL1" 147+67 TO 149+66		39A								199								
PD-4 TO PD-5	VIAREAL	"VIAREAL1" 151+00 TO 159+48		39								848								
PD-5 TO PD-6	ON RAMP	"LI1" 159+85 TO 162+47	NB	27B														262		
PD-5	ON RAMP	"LI1" 160+20 TO 162+47	NB	25A					10									227		
PD-5 TO PD-6	ON RAMP	"LI1" 162+47 TO 168+14	NB	36A				50									1,134			
PD-5	VIAREAL	"VIAREAL1" 159+58 TO 160+29		39A								71								
PD-5	VIAREAL	"VIAREAL1" 159+47 TO 160+82		39A								135								
PD-5	VIAREAL	"VIAREAL1" 159+22 TO 160+09		29			10						348							
PD-5	VIAREAL	"VIAREAL1" 160+09 TO 160+66		25A					2				114							
PD-5	VIAREAL	"VIAREAL1" ROUNDABOUT		38A							22									
PD-5 TO PD-6	OFF RAMP	"LI2" 161+64 TO 167+35	SB	27B														571		
PD-5 TO PD-6	OFF RAMP	"LI2" 161+64 TO 167+35	SB	25A					24									571		
PD-5 TO PD-6	OFF RAMP	"LI2" 161+64 TO 165+14	SB	38				15									350			
PD-4 TO PD-5	OGAN	"OGAN1" 158+76 TO 159+20		39								88								
PD-5	OGAN	"OGAN1" 159+20 TO 160+00		39A								160								
PD-4 TO PD-5	OGAN	"OGAN1" 158+76 TO 159+26		22			6						100							
PD-5	OGAN	"OGAN1" 159+26 TO 160+00		29			8						296							
PD-5	OGAN	"OGAN1" 160+00 TO 160+56		25A					4				112							
PD-5	OGAN	"OGAN1" ROUNDABOUT		38A							20									
PD-5	MEDIAN	ROUNDABOUT		24									264							
PD-5	OGAN	"OGAN2" 160+52 TO 161+51		39A								100								
PD-5	OGAN	"OGAN2" 161+51 TO 162+33		39								82								
PD-5	OGAN	"OGAN2" 161+58 TO 162+33		38				3			75									
PD-5	OGAN	"OGAN2" 160+16 TO 161+23		25A					8				214							
SUBTOTAL							74	106	48		687	3,488	2,932	872		105	2,170	1,631		292

PAVEMENT DELINEATION QUANTITIES

PDQ-2

REVISED BY | DATE REVISED
GURMIT GILL | FAWZI YAGHMOUR
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

LAST REVISION 10-12-15 | DATE PLOTTED => 26-JAN-2016 TIME PLOTTED => 14:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	321	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

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PAVEMENT DELINEATION QUANTITIES

SHEET No.	OBJECT MARKER			DELINEATOR (CLASS 1)		GUARD RAILING DELINEATOR	
	TYPE L	TYPE P	TYPE K	TYPE F	TYPE G	TYPE F	TYPE G
	EA	EA	EA	EA	EA	EA	EA
PD-1	5			6	7	3	
PD-2	15	3		17	18	10	2
PD-3	16			15		2	5
PD-4	7			11	8	4	
PD-5	15		6	31	9	3	
PD-6	4			6	1	14	
SUBTOTAL	62	3	6	86	43	36	7
TOTAL	71			129		42	

PAVEMENT DELINEATION QUANTITIES

SHEET No.	ROUTE	LOCATION/STATION	DIRECTION	DETAIL No.	PAVEMENT MARKER (NON-REFLECTIVE)	PAVEMENT MARKER (RETROREFLECTIVE)					THERMOPLASTIC TRAFFIC STRIPE						THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)			
					TYPE A	TYPE C	TYPE D	TYPE G	TYPE H	TYPE AY	8"	6"	4"	4" (BROKEN 36-12)	4" (BROKEN 17-7)	4" (BROKEN 6-1)	8"	4"	4" (BROKEN 36-12)	4" (BROKEN 17-7)
					EA	EA	EA	EA	EA	EA	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
PD-5	OGAN	"OGAN2" 161+23 TO 161+58		29			4						140							
PD-5	OGAN	"OGAN2" 161+58 TO 162+39		22			8						162							
PD-5	OGAN	"OGAN2" 159+85 TO 161+37		39A								152								
PD-5	OGAN	"OGAN2" 161.37 TO 162+05		39								68								
PD-5	OGAN	"OGAN2" ROUNDABOUT		38A							25									
PD-5	OGAN	"OGAN2" ROUNDABOUT		37D							105									
PD-5	LINDEN	"LINDEN1" 9+78 TO 17+87	EB	39								809								
PD-5	LINDEN	"LINDEN1" 17+87 TO 20+16	EB	39A								229								
PD-5	LINDEN	"LINDEN1" 9+78 TO 15+89		22			52						1,222							
PD-5	LINDEN	"LINDEN1" 12+48 TO 15+89	EB	9				8						341						
PD-5	LINDEN	"LINDEN1" 11+73 TO 12+73	WB	39A								100								
PD-5	LINDEN	"LINDEN1" 12+73 TO 13+31	WB	39								58								
PD-5	LINDEN	"LINDEN1" 13+31 TO 14+31	WB	39A								100								
PD-5	LINDEN	"LINDEN1" 14+31 TO 15+38	WB	39								107								
PD-5	LINDEN	"LINDEN1" 16+67 TO 19+03	EB	9				6						236						
PD-5	LINDEN	"LINDEN1" 16+67 TO 20+16		22			30						710							
PD-5	LINDEN	"LINDEN1" 16+67 TO 18+67	WB	39A								200								
PD-5	LINDEN	"LINDEN1" 18+67 TO 23+62	WB	39								495								
PD-5	LINDEN	"LINDEN1" 21+32 TO 24+00	EB	39								268								
PD-5	LINDEN	"LINDEN1" 21+28 TO 23+62		22			26						468							
PD-5	LINDEN	"LINDEN1" 20+16 TO 21+32		41A						85										
PD-5	LINDEN	"LINDEN1" 21+32 TO 22+42	WB	38				6			110									
PD-5	LINDEN	"LINDEN1" 23+02 TO 23+62	EB	38				3			60									
PD-5	NIPOMO	"NIPOMO"		22			6						100							
PD-5	NIPOMO	"NIPOMO"		38A							40									
PD-5	LINDEN	"LINDEN1" 23+62 TO 24.00		41A						8										
PD-6	ON RAMP	"LI1" 168+13 TO 169+63	NB	8																150
PD-6	OFF RAMP	"LI2" 167+35 TO 170+13	SB	36				24									556			
PD-1 TO PD-6	Rte 101	"US101" DETAIL 14		14	36	12													432	
PD-1 TO PD-6	Rte 101	3-2-1 MARKERS						12												
SUBTOTAL THIS SHEET					36	12	126	59		93	340	2,586	2,802	577			556		432	150
SUBTOTAL PDQ-1					1,124		291	472	376		571	4,795	9,441		184		3,571	31,611	13,240	286
SUBTOTAL PDQ-2							74	106	48		687	3,488	2,932	872		105	2,170	1,631		292
SUBTOTAL					1,160	12	491	637	424	93	1,598	10,869	15,175	1,449	184	105	6,297	33,242	13,672	728
TOTAL					1,160			1,657			1,598	10,869	15,175	1,449	184	105	6,297	33,242	13,672	728

PAVEMENT DELINEATION QUANTITIES

PDQ-3

REVISED BY | DATE REVISED
GURMIT GILL | FAWZI YAGHMOUR
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR | MOHAMMED QATAMI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

LAST REVISION 10-12-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	322	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

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PAVEMENT DELINEATION QUANTITIES

SHEET No.	ROUTE	LOCATION/ STATION LIMITS	THERMOPLASTIC PAVEMENT MARKING (ENHINCED WET NIGHT VISIBILITY)										
			TYPE I (24'-0") ARROW	TYPE II(R) ARROW	TYPE III(L) ARROW	TYPE III(R) ARROW	TYPE III(B) ARROW	TYPE V ARROW	TYPE VI ARROW	LIMIT LINE	SIGNAL	AHEAD	CHEVRON/ HATCHING
			SQFT										
PD 1 TO PD-2	101	"CA4" 109+30 TO 130+14											635
PD-2	OFF RAMP	"CA4" 129+41 TO 135+05			84		146	33		69	32	31	
PD-2	ON RAMP	"CA1" 134+62 TO 137+89	31						84				77
PD-3 TO PD-4	OFF RAMP	"CA2" 140+06 TO 149+89		90	84			33			32	31	
PD-2 TO PD-3	ON RAMP	"CA3" 125+35 TO 139+06	31										
PD-5 TO PD-6	ON RAMP	"LI1" 159+85 TO 168+14	31										
PD-5 TO PD-6	OFF RAMP	"LI2" 161+64 TO 170+11			84	84		33			32	31	
SUBTOTAL			93	90	252	84	146	99	84	69	96	93	712
TOTAL			1,818										

PAVEMENT DELINEATION QUANTITIES

SHEET No.	ROUTE	LOCATION/ STATION LIMITS	THERMOPLASTIC PAVEMENT MARKING																				
			TYPE I (24'-0") ARROW	TYPE II(L) ARROW	TYPE II(R) ARROW	TYPE IV ARROW	TYPE VI ARROW	LIMIT LINE	CROSS WALK	YIELD LINE	SIGNAL	AHEAD	STOP	BIKE LANE ARROW	BIKE	LANE	BIKE LANE SYMPOL	BIKE LANE SYMPOL WITH PERSON	XING	CHEVRON/ HATCHING	BUS	ONLY	DISABLED PERSON PARKING SYMPOL, LEGEND AND REGULAR PARKING
			SQFT																				
PD-1 TO PD-3	VIAREAL	"VIAREAL1" 122+43 TO 139+46	48	135		60			73		32	31	22	28	84	96					20	22	
PD-2	BIKE	"BIKE1" 100+00 TO 113+83												56	84	24	28						94
PD-3 TO PD-5	VIAREAL	"VIAREAL1" 140+61 TO 160+63	31	90		30			139		32	31		56			7	56	21				
PD-3	CASITAS	"CASITAS1" 11+07 TO 20+04	93	90	315	135	84	72	769		64	62		49				49					
PD-3	HALES LN												22										
PD-4	VALLECITO Rd												22										
PD-4 TO PD-5	OGAN1	"OGAN1" 158+76 TO 160+54.25	31						220					7				7		57			
PD-5	MEDIAN	ROUNDABOUT		180						51													
PD-5	OGAN2	"OGAN2" 161+09 TO 162+27	31			60		29						14				14		17			
PD-5	LINDEN	"LINDEN1" 11+50 TO 24+00	186			90		72	590		128	124		56				56				22	
PD-5	NIPOMO	"NIPOMO"				30							66										
SUBTOTAL			420	495	315	405	84	173	1,791	51	256	248	132	266	168	120	35	182	21	74	20	44	94
TOTAL			5,394																				

PAVEMENT DELINEATION QUANTITIES

PDQ-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY
DATE REVISED

LAST REVISION 10-12-15
DATE PLOTTED => 26-JAN-2016
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	323	786

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12-7-15
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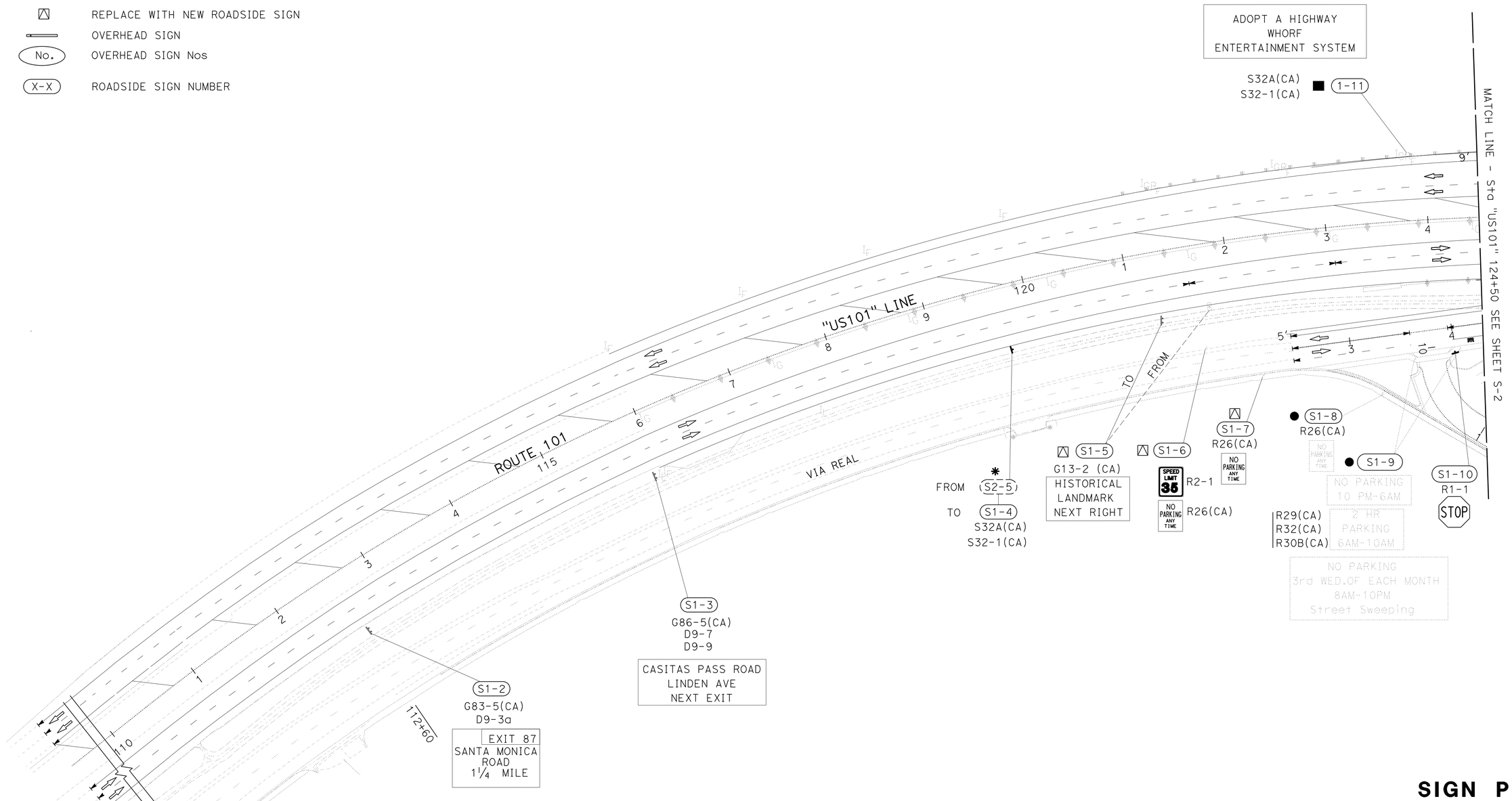
LEGEND:

- SIGN MOUNTED ON MAST ARM OR POLE OR BRIDGE
- REMOVE ROADSIDE SIGN
- RELOCATE ROADSIDE SIGN
- RESET ROADSIDE SIGN
- REMAIN IN PLACE
- REPLACE WITH NEW PANEL
- REPLACE WITH NEW ROADSIDE SIGN
- OVERHEAD SIGN
- (No.) OVERHEAD SIGN Nos
- (X-X) ROADSIDE SIGN NUMBER

NOTE:

EXACT LOCATIONS OF OBJECT MARKERS, PAVEMENT MARKINGS, AND SIGNS TO BE DETERMINED BY THE ENGINEER.



APPROVED FOR SIGN WORK ONLY

SIGN PLAN

SCALE 1"=50'

S-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	324	786

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REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

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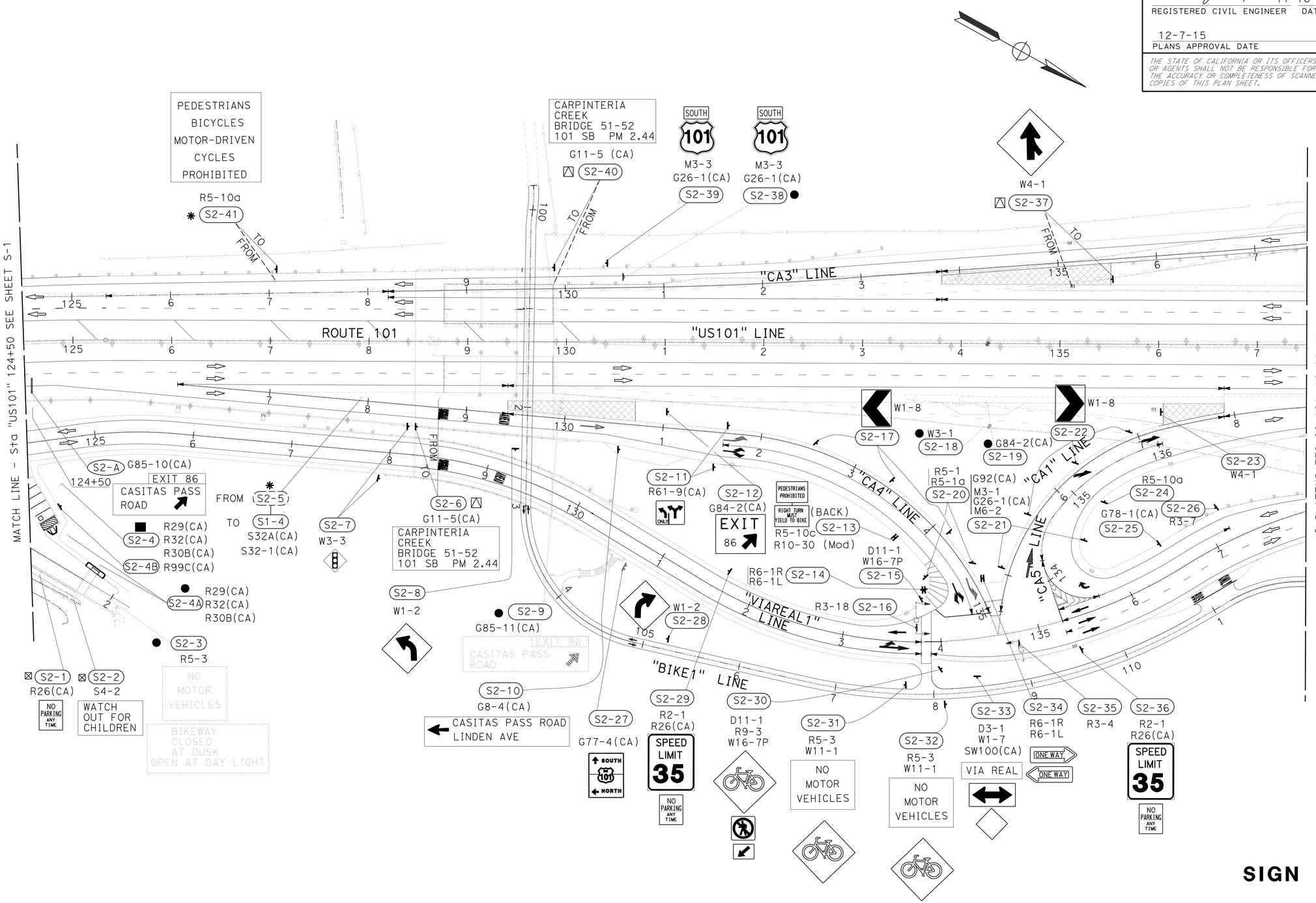

SIGN PLAN

S-2

SCALE 1":50'

APPROVED FOR SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI

CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR

REVISED BY
DATE REVISED

LAST REVISION 10-12-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	325	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

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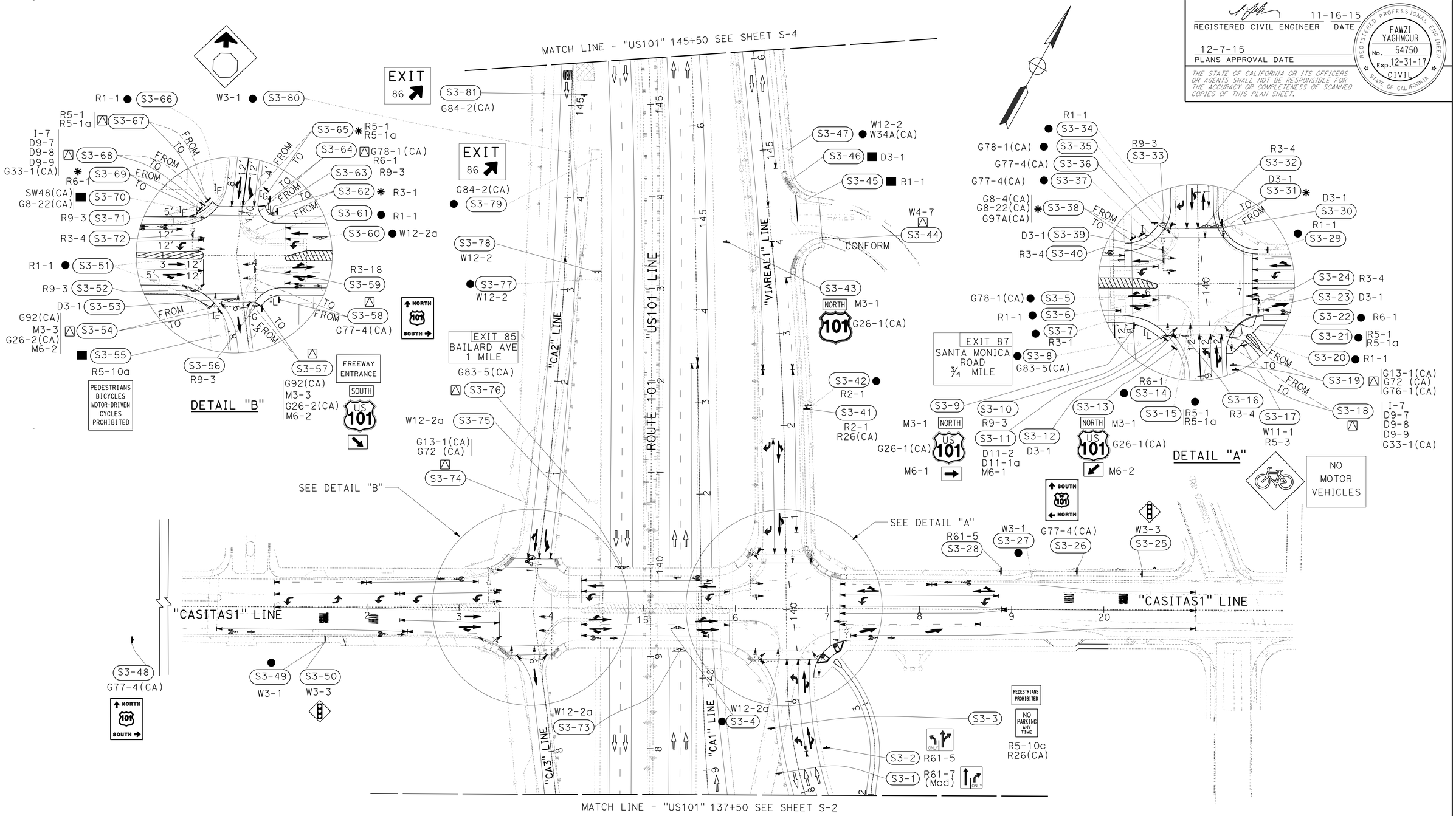

SIGN PLAN

SCALE 1":50'

S-3

APPROVED FOR SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY / DATE REVISED

LAST REVISION 10-12-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	326	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

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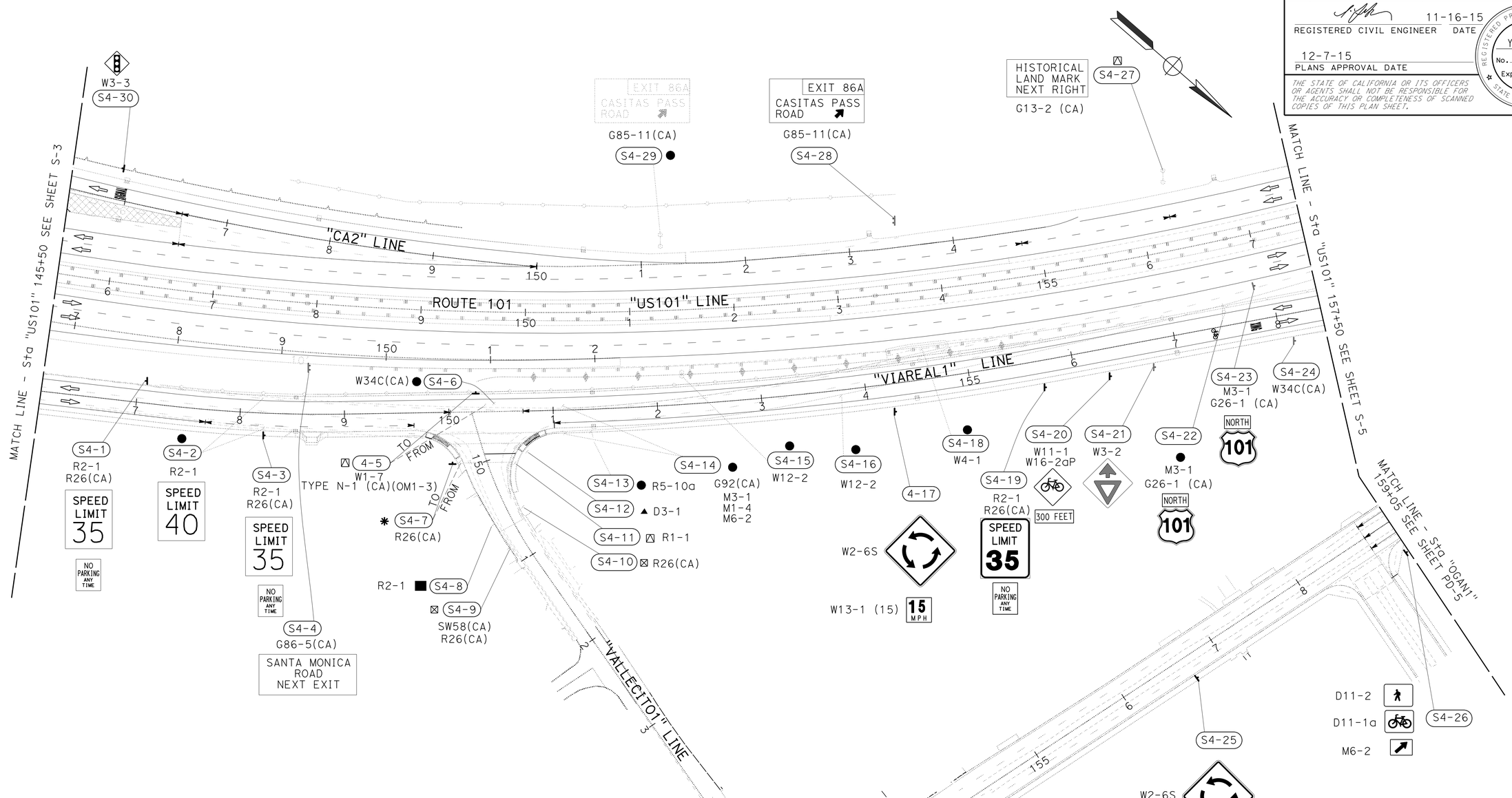

SIGN PLAN

SCALE 1":50'

S-4

APPROVED FOR SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY
DATE REVISED

LAST REVISION 10-12-15
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	327	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

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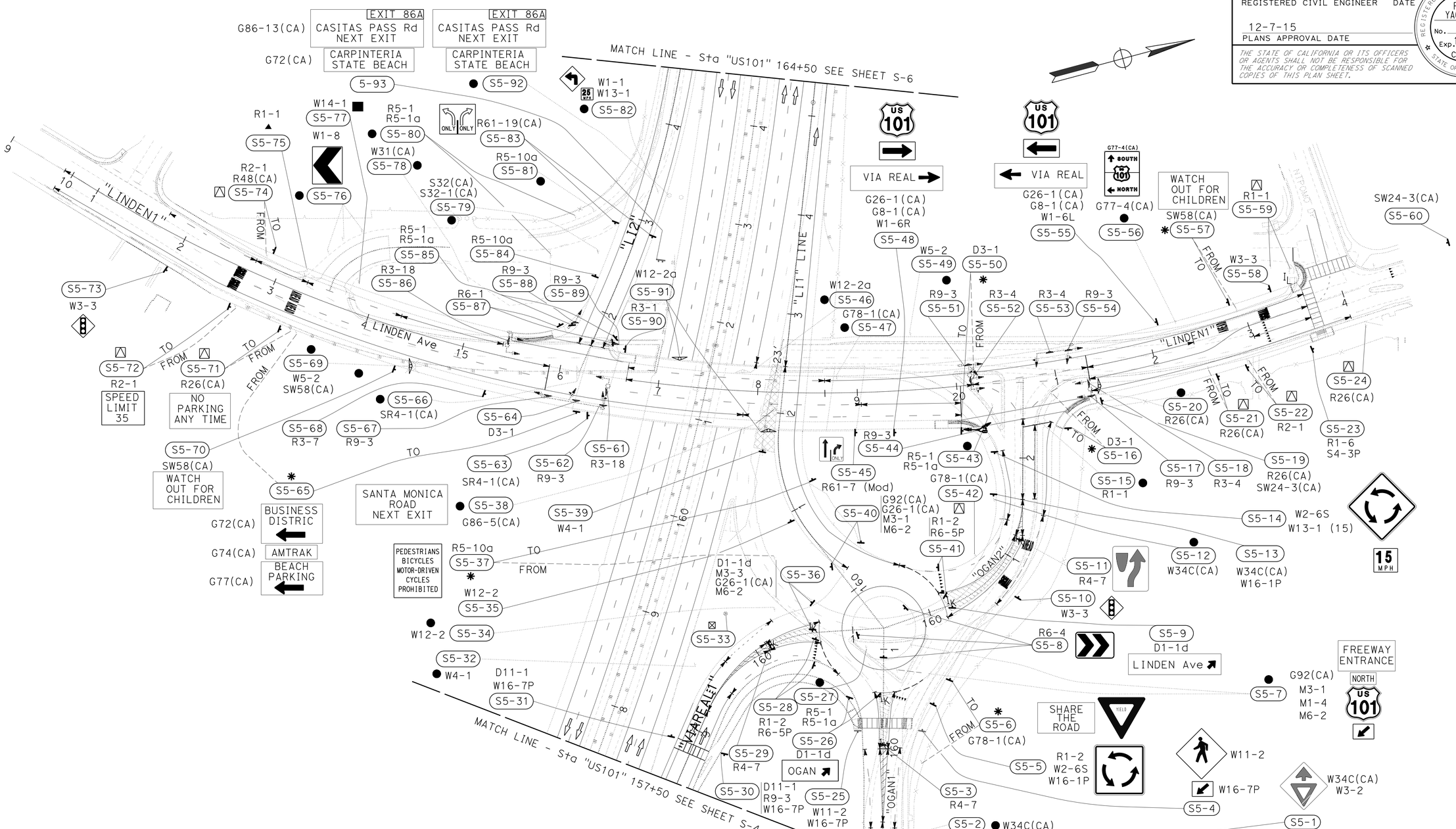

APPROVED FOR SIGN WORK ONLY

SIGN PLAN

SCALE 1":50'

S-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI

CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR

REVISED BY
DATE REVISED

LAST REVISION 10-12-15
DATE PLOTTED => 26-JAN-2016
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

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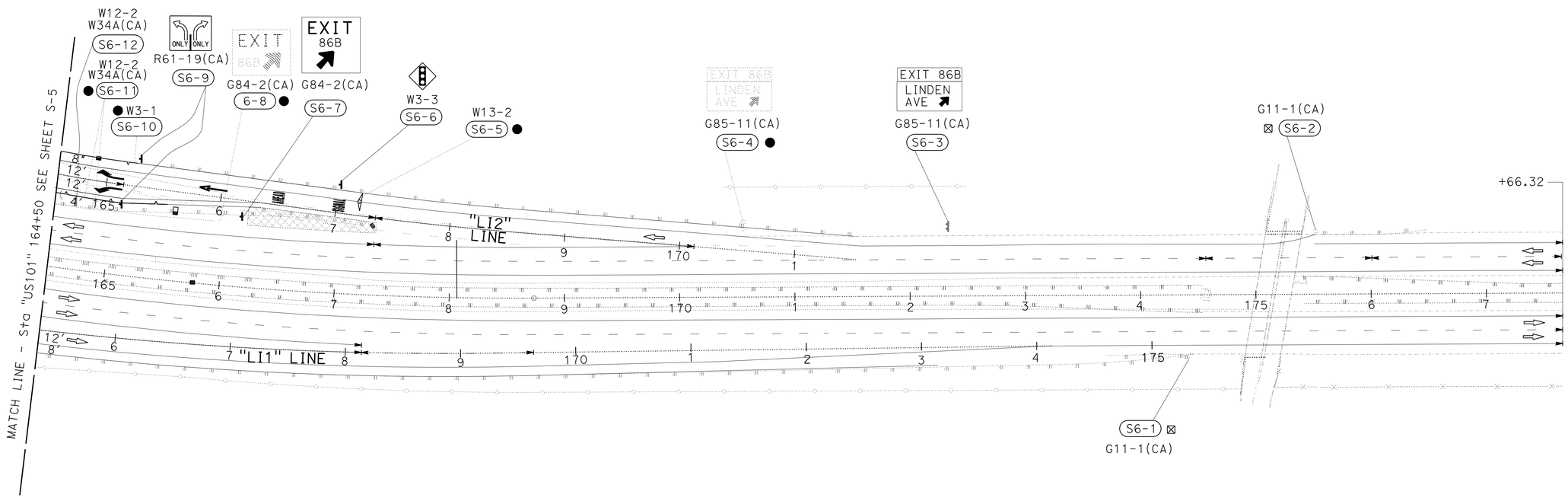

SIGN PLAN

SCALE 1":50'

S-6

APPROVED FOR SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI

CALCULATED-DESIGNED BY: GURMIT GILL

CHECKED BY: FAWZI YAGHMOUR

REVISED BY

DATE REVISED

LAST REVISION DATE PLOTTED => 26-JAN-2016
10-12-15 TIME PLOTTED => 14:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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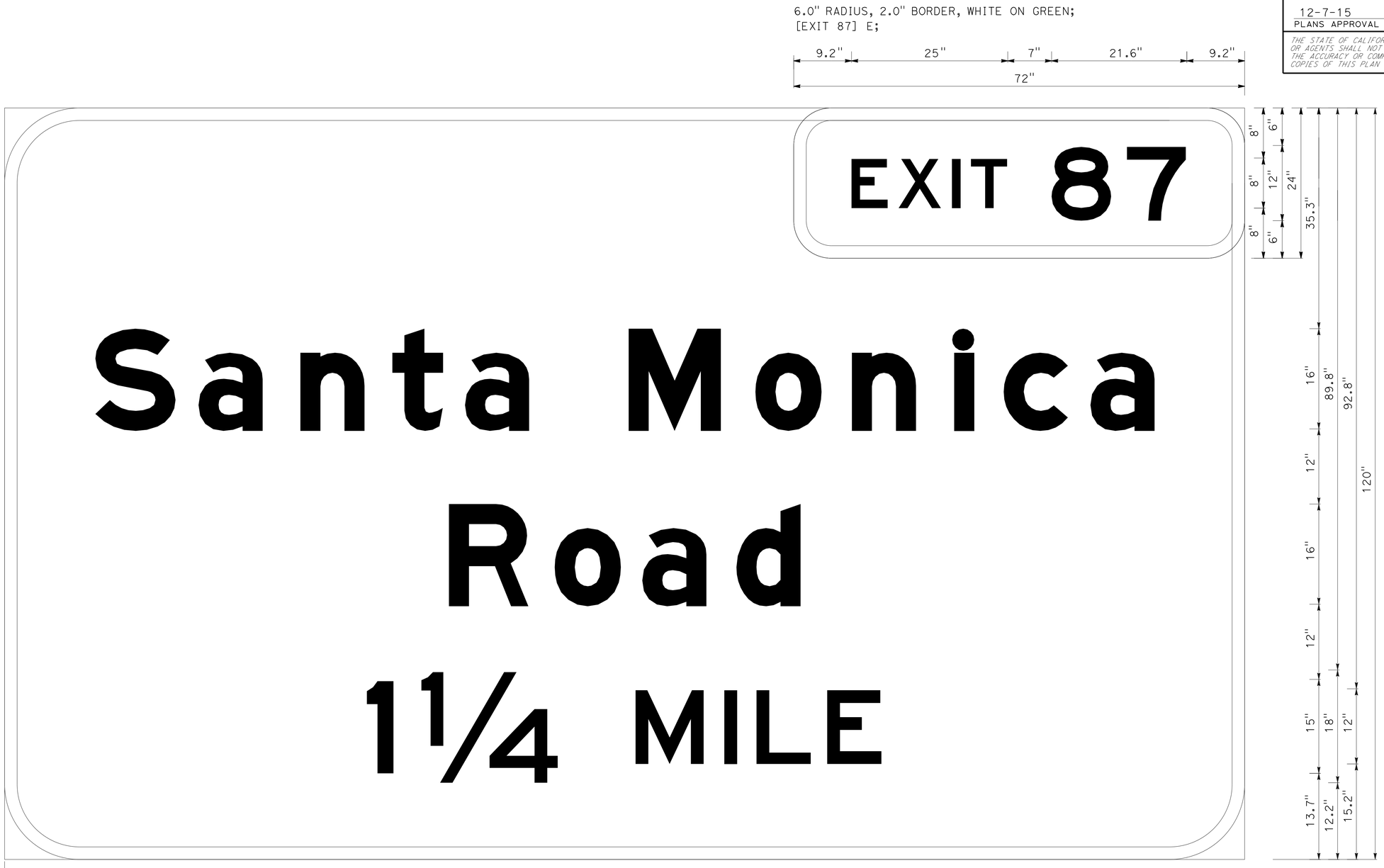
6.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;
[EXIT 87] E;



(S1-2) G83-5; 12.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;
[SANTA MONICA] E MOD; [ROAD] E MOD; [1 ¼ MILE] E;

SIGN DETAILS

NO SCALE

SD-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI

CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR

REVISED BY | DATE REVISED

LAST REVISION 10-12-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:19

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REGISTERED CIVIL ENGINEER 11-16-15 DATE

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PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

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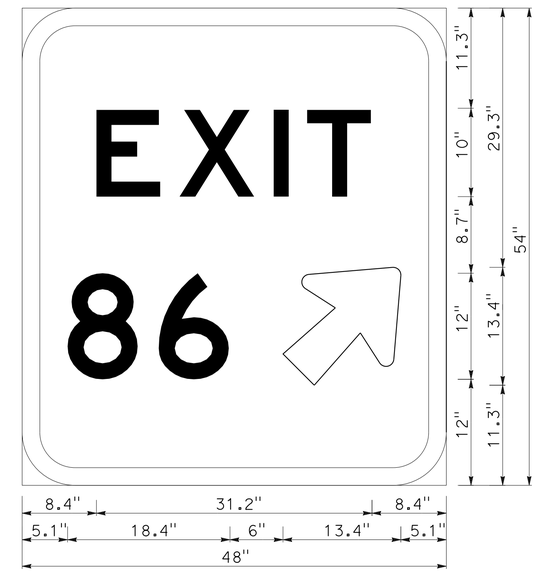
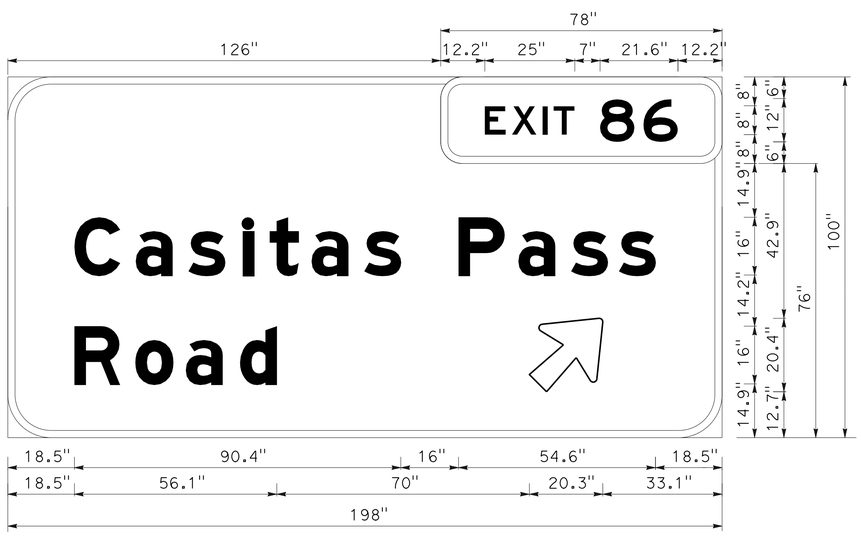
S1-3

G86-5(CA); 12.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;
[CASITAS PASS RD] E MOD; [LINDEN AVE] E MOD; [NEXT EXIT] E;



S2-12 And S3-81

G84-2; 6.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;
[EXIT] E; [86] D; ARROW 10CAP-1L - 16.0" 45{;



G86-11(CA)

S2-A

6.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;
[EXIT 86] E;
12.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;
[CASITAS PASS] E MOD; [ROAD] E MOD; ARROW 16CAP-1L - 25.0" 45{;

S2-10

G8-4(CA); 3.0" RADIUS, 1.0" BORDER, WHITE ON GREEN;
ARROW 6UC-1L - 9.6" 180{; [CASITAS PASS RD] E MOD;
[LINDEN AVE] E MOD;

SIGN DETAILS

NO SCALE

SD-2

REVISED BY | DATE REVISED
GURMIT GILL | FAWZI YAGHMOUR
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

LAST REVISION 10-12-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:19

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12-7-15
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REGISTERED PROFESSIONAL ENGINEER
FAWZI YAGHMOUR
No. 54750
Exp. 12-31-17
CIVIL
STATE OF CALIFORNIA

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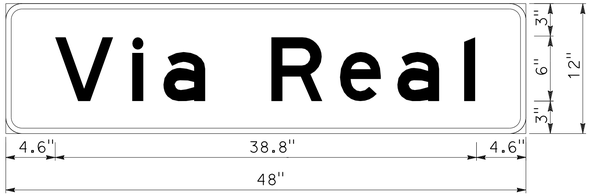
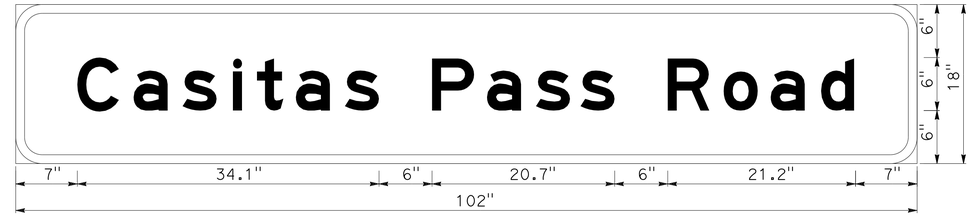


D3-1; 1.5" RADIUS, 0.5" BORDER, WHITE ON GREEN;
[VIA-REAL] E;

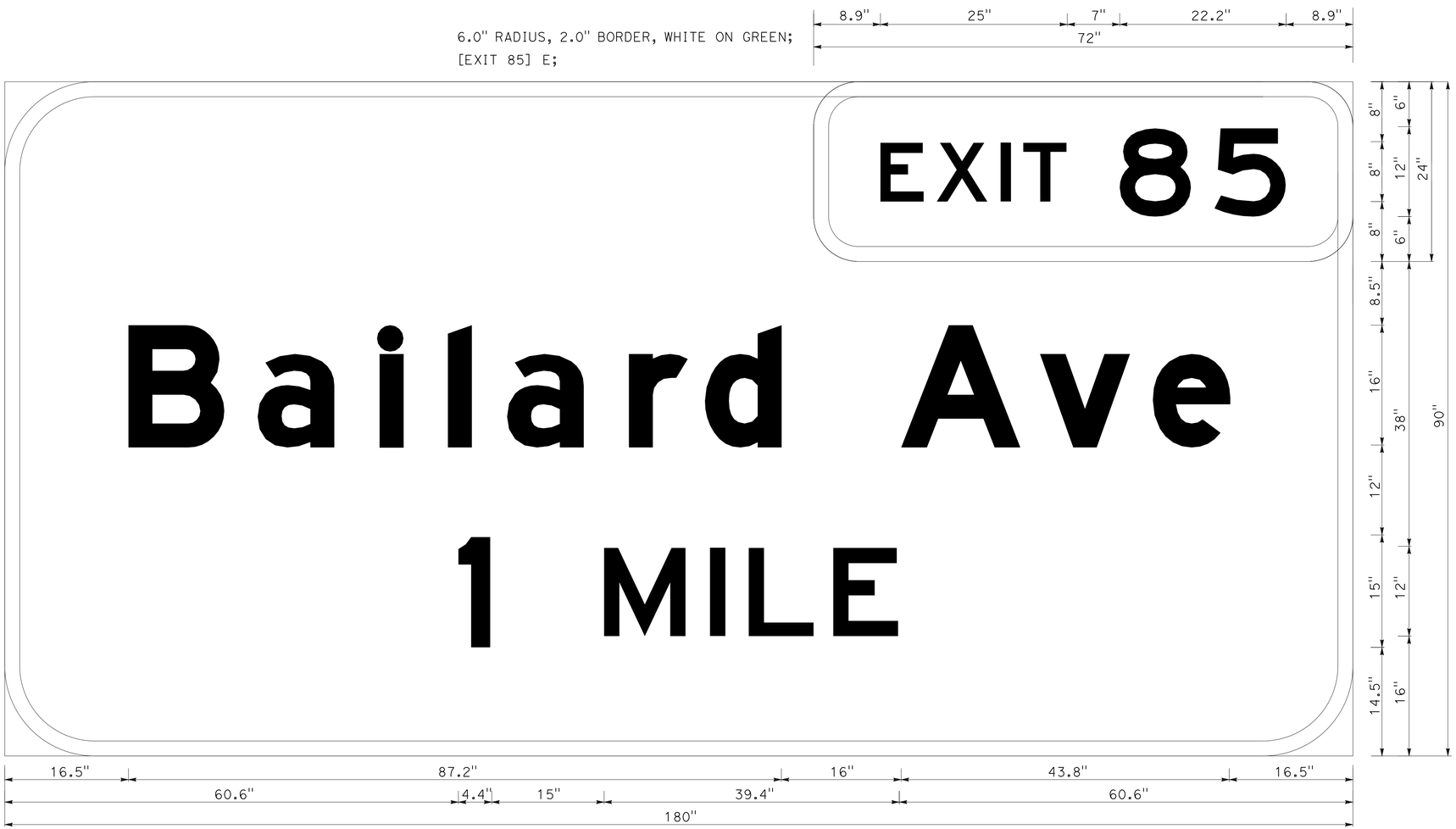
S2-33, S3-23 AND S3-39



D3-1; 3.0" RADIUS, 1.0" BORDER, WHITE ON GREEN;
[CASITAS PASS ROAD] E;

S3-12, S3-30 AND S3-53

6.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;
[EXIT 85] E;



S3-76 G83-5 (CA); 12.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;
[BAILARD AVE] E MOD; [1 MILE] E;

SIGN DETAILS

NO SCALE **SD-3**

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

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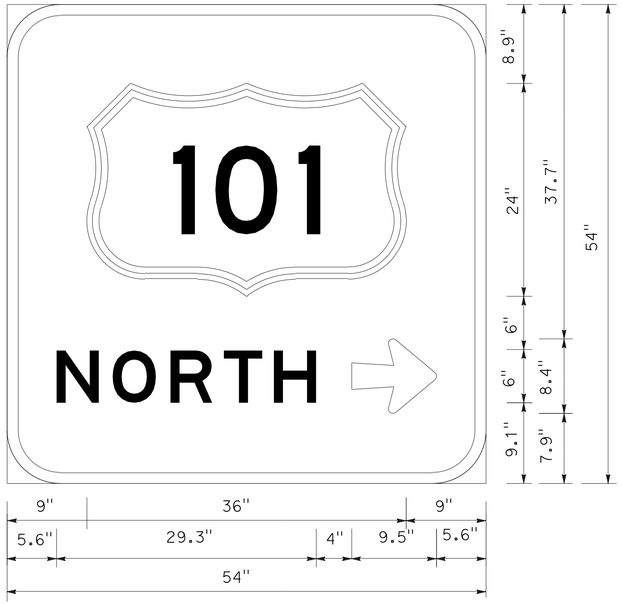
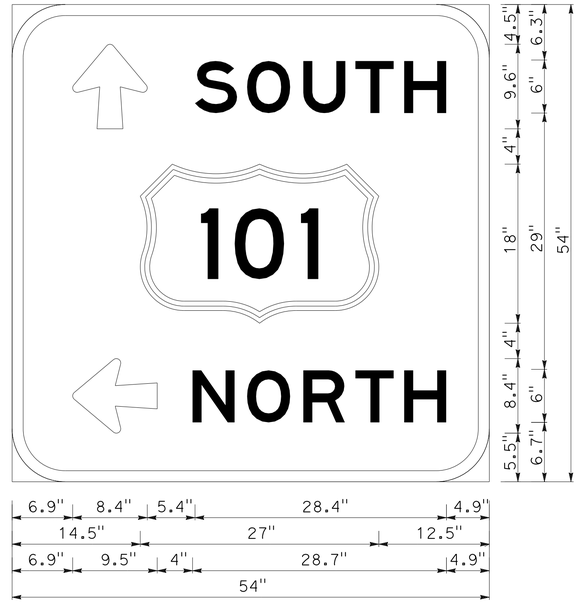
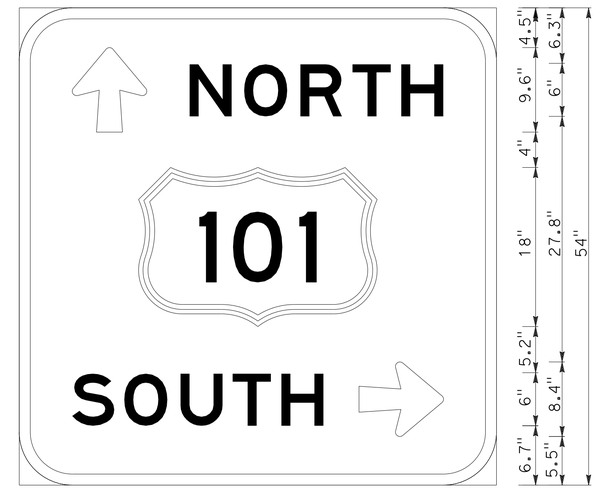


(S2-25) (S5-42) G78-1(CA)6.0" RADIUS, 1.3" BORDER, WHITE ON GREEN;
[NORTH] E; ARROW 6UC-1L - 9.6" 0{;

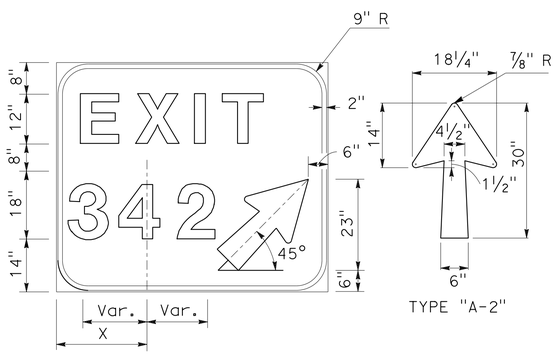


(S2-27) AND (S3-26) G77-4(CA); 6.0" RADIUS, 1.3" BORDER, WHITE ON GREEN;
ARROW 6UC-1L - 9.6" 90{; [SOUTH] E 90} SPACING;
ARROW 6UC-1L - 9.6" 180{; [NORTH] E 90} SPACING;



(S3-36) (S3-48) (S3-58) G77-4(CA); 6.0" RADIUS, 1.3" BORDER, WHITE ON GREEN;
ARROW 6UC-1L - 9.6" 90{; [NORTH] E 90} SPACING;
[SOUTH] E 90} SPACING; ARROW 6UC-1L - 9.6" 0{;

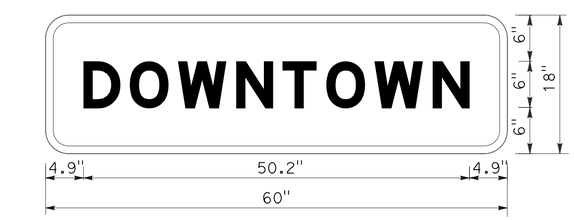
(S3-19) G72(CA); 3.0" Radius, 1.0" Border, White on Brown;
Arrow 4UC&CAP-1L - 6.4" 180{; [CARPINTERIA] E Mod;
[STATE BEACH] E Mod;



SIGN SPECIFICATIONS						
SIGN NUMBER	BOARD SIZE	NO. OF DIGITS	X	ARROW WIDTH	ARROW LENGTH	ARROW TYPE
E5-1a	72"X60"	1 or 2	24"	18¼"	30"	A-2
E5-1b	90"X60"	3*	33"	18¼"	30"	A-2
E5-1c	108"X60"	4*	42"	18¼"	30"	A-2

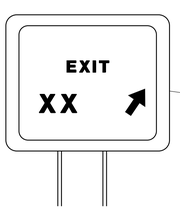
* REDUCE SPACING 25% BETWEEN NUMERALS

E5-1 SIGN DETAILS

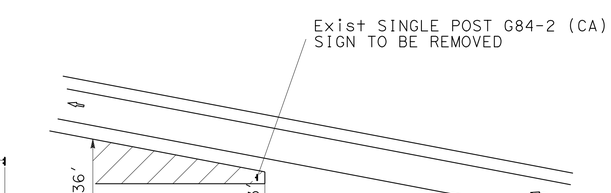


(S3-19) G76-1(CA); 3.0" Radius, 1.0" Border, White on Green;
[DOWNTOWN] E Mod;
Table of letter and object lefts.

12 LETTERS
18 NUMERALS



PROPOSED G84-2(CA) SIGN



TYPICAL INSTALLATION DETAIL FOR SIGN G84-2(CA)
AT OFF-RAMP GORE AREA

SIGN DETAILS

NO SCALE

SD-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY
DATE REVISED

LAST REVISION 10-12-15
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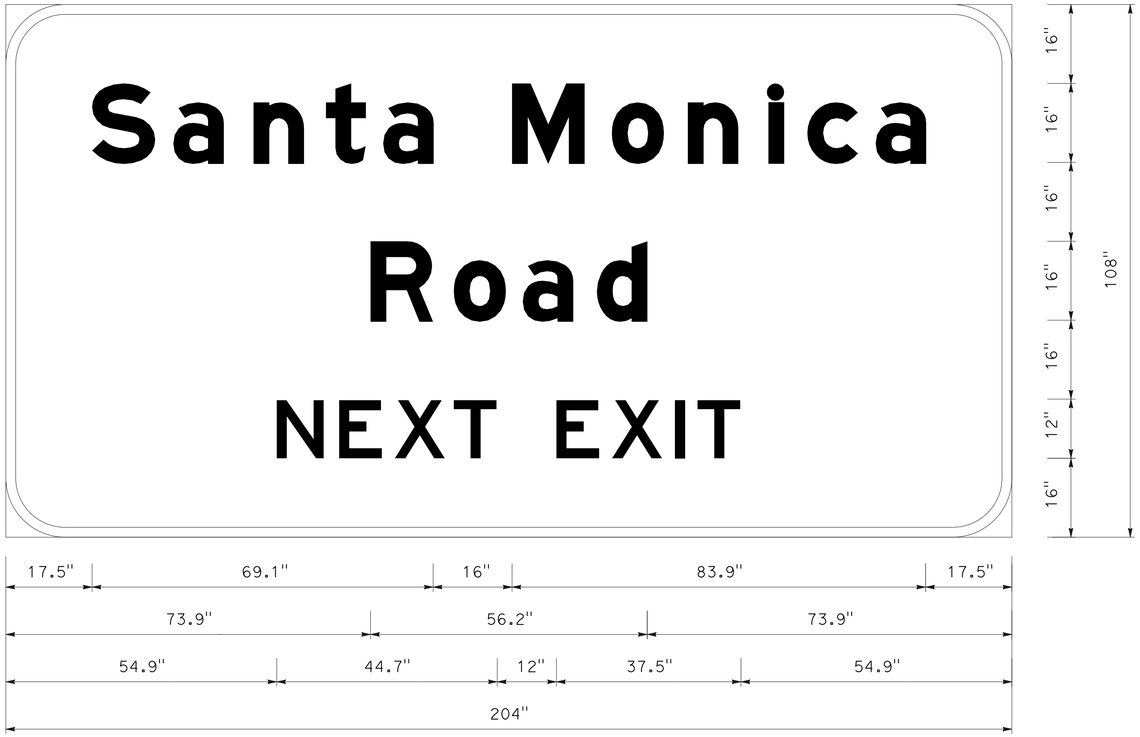
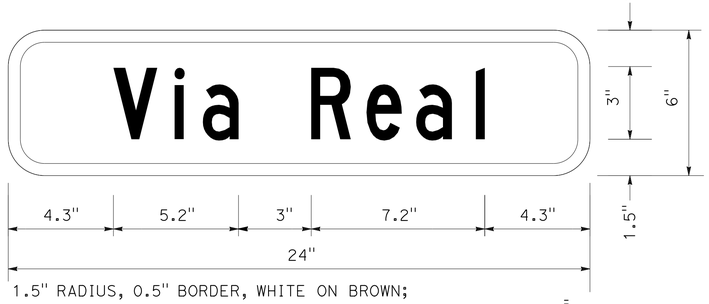
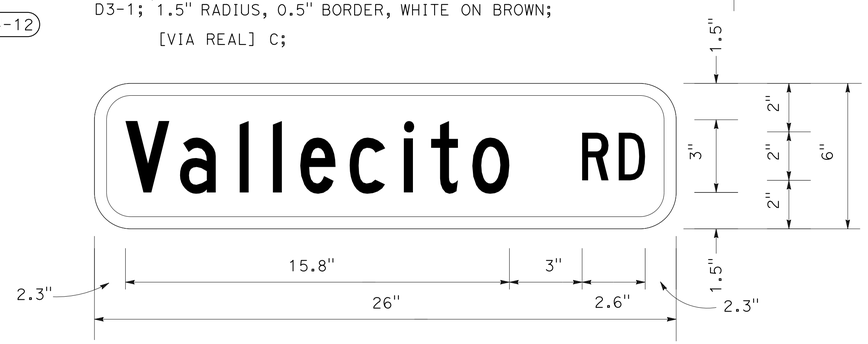


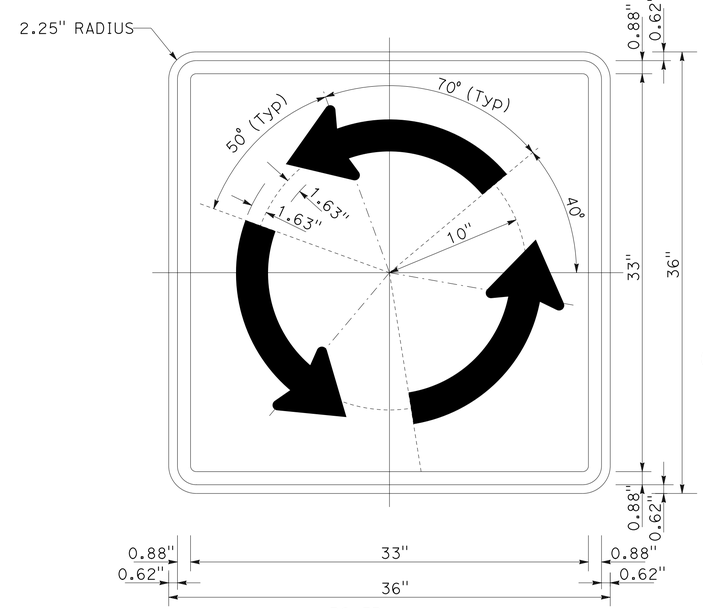
S4-4 G86-5(CA); 12.0" RADIUS, 2.0" BORDER, WHITE ON GREEN;
[SANTA MONICA] E MOD; [ROAD] E MOD; [NEXT EXIT] E;



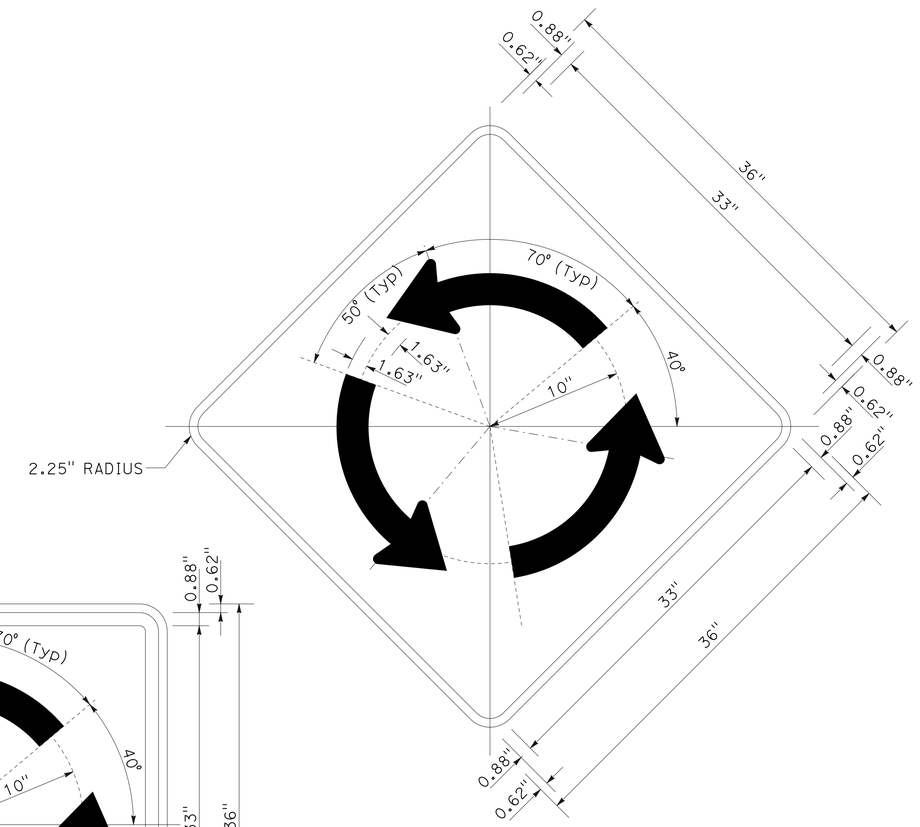
S4-12 D3-1; 1.5" RADIUS, 0.5" BORDER, WHITE ON BROWN;
[VIA REAL] C;



S4-12 D3-1; 1.5" RADIUS, 0.5" BORDER, WHITE ON BROWN;
[VALLECITO RD] C;



S5-5, S5-28, AND S5-41 R6-5P;
BLACK ON WHITE;
ROUNDABOUT SYMBOL;



S4-17, S4-25, AND S5-14 W2-6S;
BLACK ON YELLOW;
ROUNDABOUT SYMBOL;

SIGN DETAILS

NO SCALE

SD-5

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

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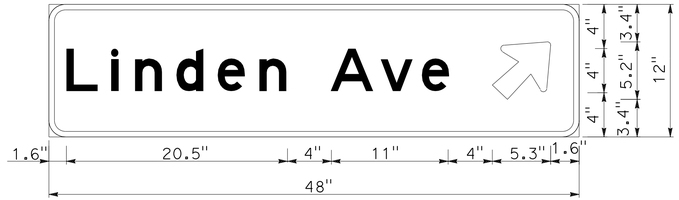
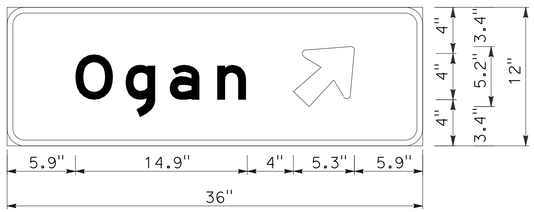
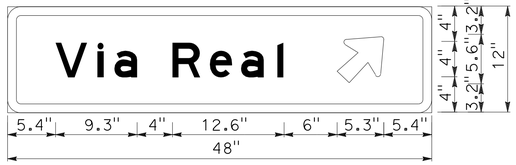


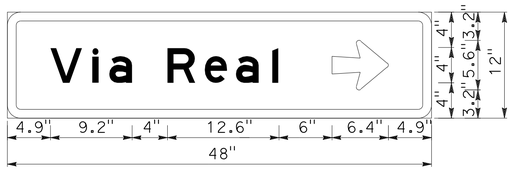
S5-9 D1-1D; 1.5" RADIUS, 0.5" BORDER, WHITE ON GREEN; [LINDEN AVE] E; ARROW 4UC&CAP-1L - 6.4" 45{;



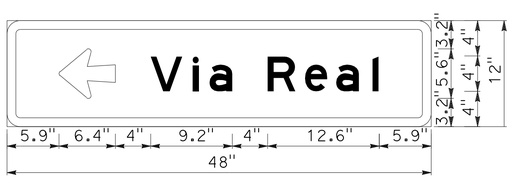
S5-26 D1-1d; 1.5" Radius, 0.5" Border, White on Green; [Ogan] E; Arrow 4UC&CAP-1L - 6.4" 45{;



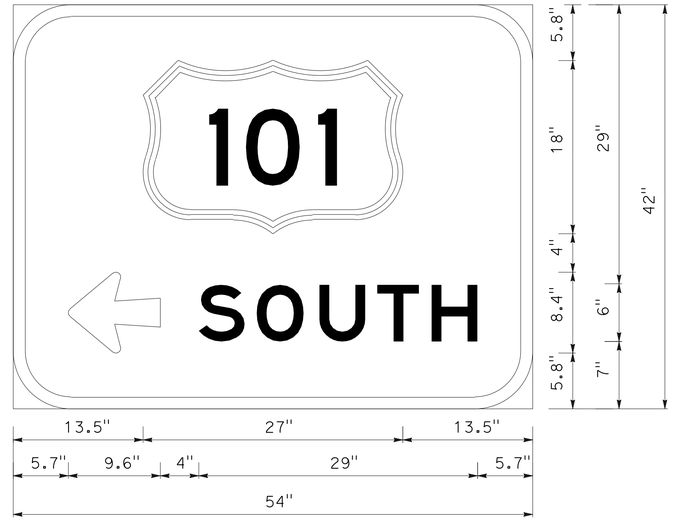
S5-36 D1-1D; 1.5" RADIUS, 1.0" BORDER, WHITE ON GREEN; [VIA REAL] E; ARROW 4UC&CAP-1L - 6.4" 45{;



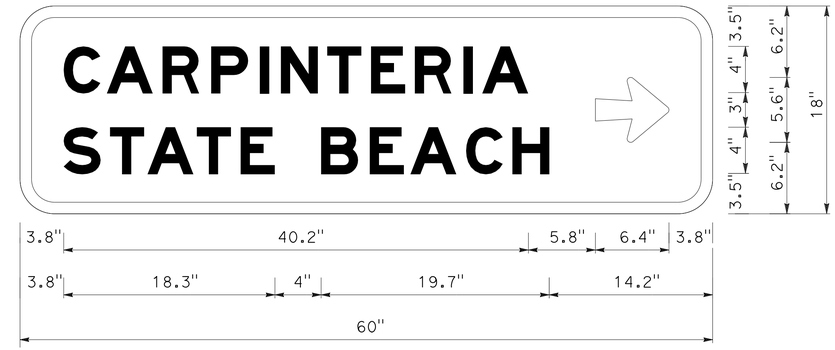
S5-48 G8-1(CA); 1.5" RADIUS, 1.0" BORDER, WHITE ON GREEN; [VIA REAL] E; ARROW 4UC&CAP-1L - 6.4" 0{;



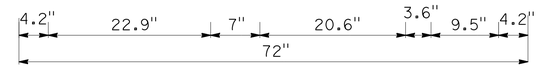
S5-55 G8-1(CA); 1.5" RADIUS, 1.0" BORDER, WHITE ON GREEN; ARROW 4UC&CAP-1L - 6.4" 180{; [VIA REAL] E;

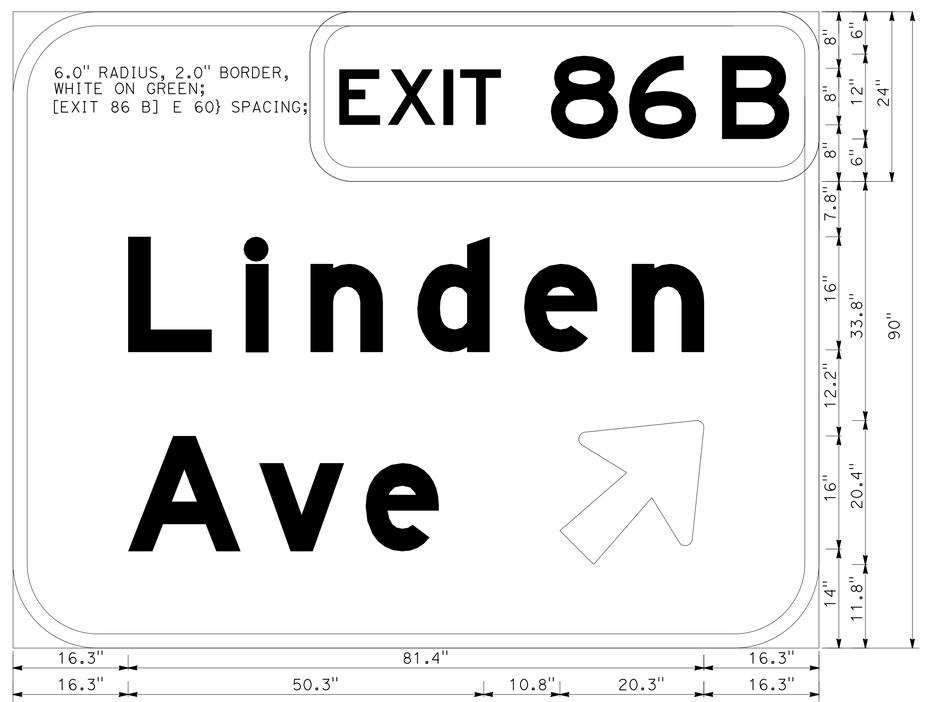


S3-64 G78-1(CA); 6.0" Radius, 1.3" Border, White on Green; Arrow 6UC-1L - 9.6" 180{; [SOUTH] E;

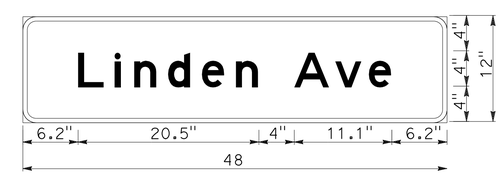


S3-74 G72(CA); 3.0" Radius, 1.0" Border, White on Brown; [CARPINTERIA] E Mod; [STATE BEACH] E Mod; Arrow 4UC&CAP-1L - 6.4" 0{;





S6-3 G85-11(CA); 12.0" RADIUS, 2.0" BORDER, WHITE ON GREEN; [LINDEN] E MOD; [AVE.] E MOD; ARROW 16CAP-1L - 25.0" 45{;



S5-64 D3; 1.5" RADIUS, 0.5" BORDER, WHITE ON GREEN; [LINDEN AVE] E;

SIGN DETAILS

NO SCALE

SD-6

REVISED BY | DATE REVISED
GURMIT GILL | FAWZI YAGHMOUR
CALCULATED- DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
MOHAMMED QATAMI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN

LAST REVISION 10-12-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	335	786

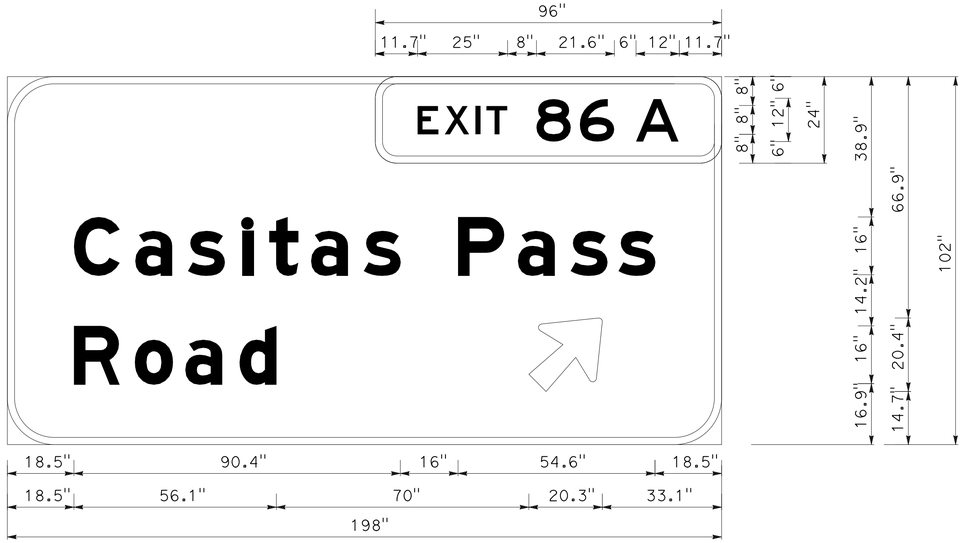
REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

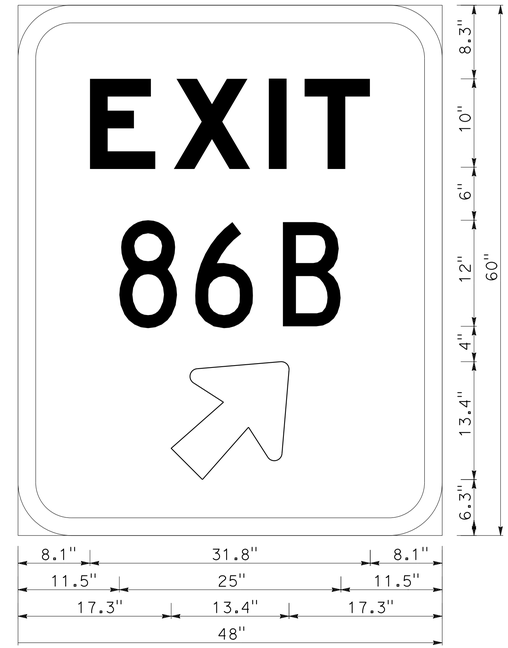
REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

6.0" Radius, 2.0" Border, White on Green;
[EXIT 86 A] E;

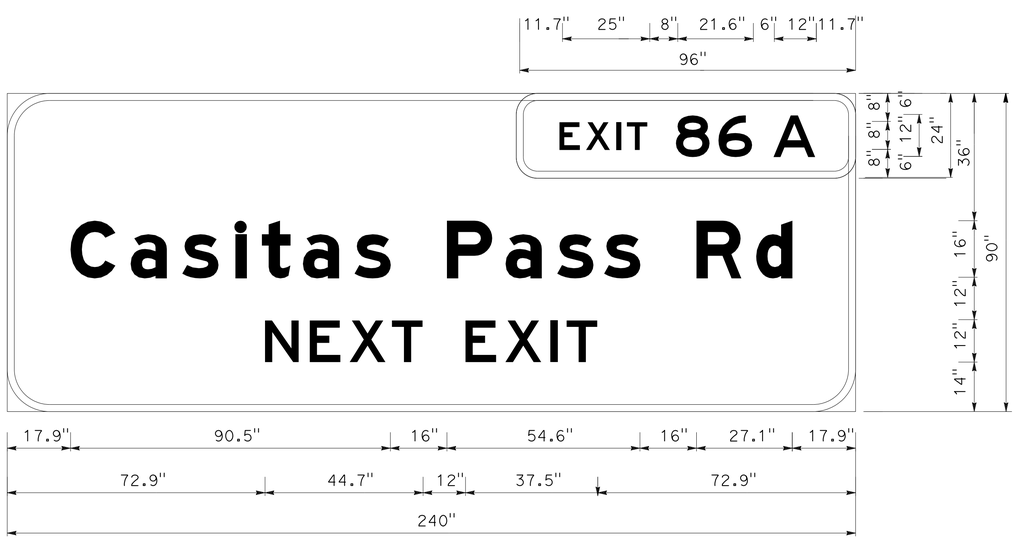


S4-28 G85-11(CA); 13.0" Radius, 2.0" Border, White on Green;
[Casitas Pass] E Mod; [Road] E Mod; Arrow 16CAP-1L - 25.0" 45{;

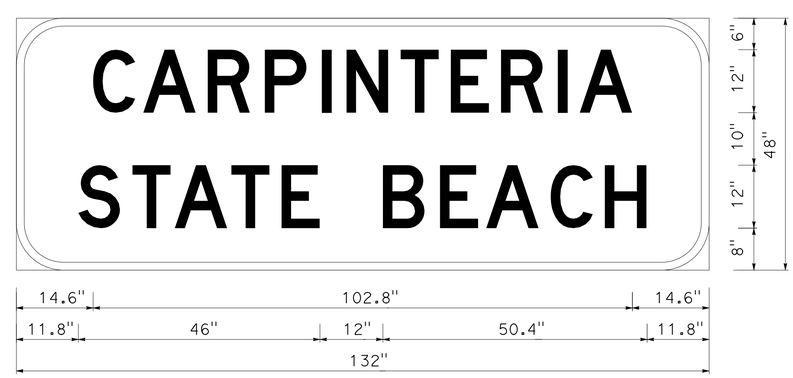


S6-7 G84-2; 6.0" Radius, 2.0" Border, White on Green;
[EXIT] E Mod; [86B] C; Arrow 10CAP-1L - 16.0" 45{;

6.0" Radius, 2.0" Border, White on Green;
[EXIT] E; [86 A] E;



S5-93 G86-13(CA); 12.0" Radius, 2.0" Border, White on Green;
[Casitas Pass Rd] E Mod; [NEXT EXIT] E;



S5-93 G72(CA); 9.0" Radius, 1.5" Border, White on Brown;
[CARPINTERIA] D; [STATE BEACH] D;

SIGN DETAILS

SD-7

NO SCALE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY
DATE REVISED

LAST REVISION 10-12-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	336	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
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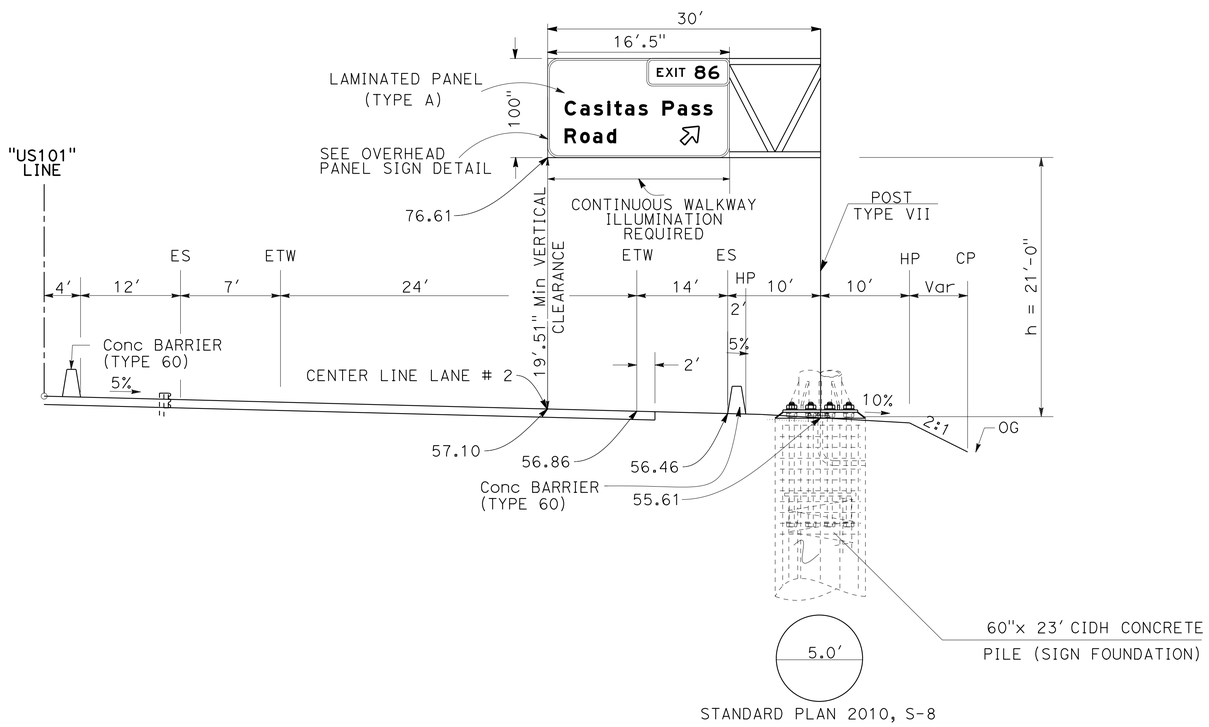
OVERHEAD SIGN STRUCTURE QUANTITIES

SHEET No	SIGN No	SIGN CODE	LOCATION	PANEL SIZE	OVERHEAD SIGN PANEL: BACKGROUND SHEETING COLOR	BACKGROUND RETROREFLECTIVITY ASTM TYPE	LEGEND SHEETING COLOR	LEGEND RETROREFLECTIVITY ASTM TYPE	GRAFFITI FILM PREMIUM	FURNISH LAMINATED PANEL SIGN (1"-TYPE A) FOR RETROREFLECTIVE SHEETING (TYPE XI) SQFT	FURNISH SIGN STRUCTURE (TRUSS) LB	INSTALL SIGN STRUCTURE (TRUSS) LB	60" CIDH CONCRETE PILE (SIGN FOUNDATION) LF
S-2	S2-A	G85-11(CA)	Sta 124+50 FNBT	198"'x 100"	GREEN	XI	WHITE	XI	X	137.5	17,530	17.530	23
SUBTOTAL										137.5	17,530	17,530	23.0
TOTAL										137.5	17,530	17,530	23.0

NOTE:

1. FOR TOTAL RETROREFLECTIVE SHEETING (TYPE XI) SEE SHEET SQ-11.



STANDARD PLAN 2010, S-8

S2-A

SIGN STRUCTURE
FNBT ON ROUTE 101 AT Sta 124+50

SIGN DETAILS

SD-8

NO SCALE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
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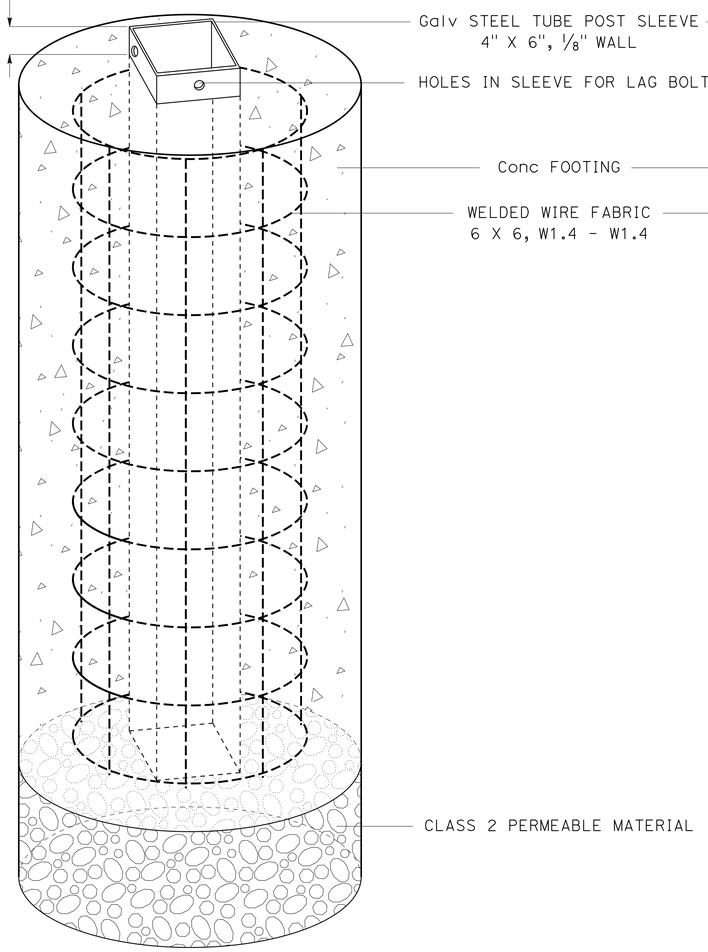
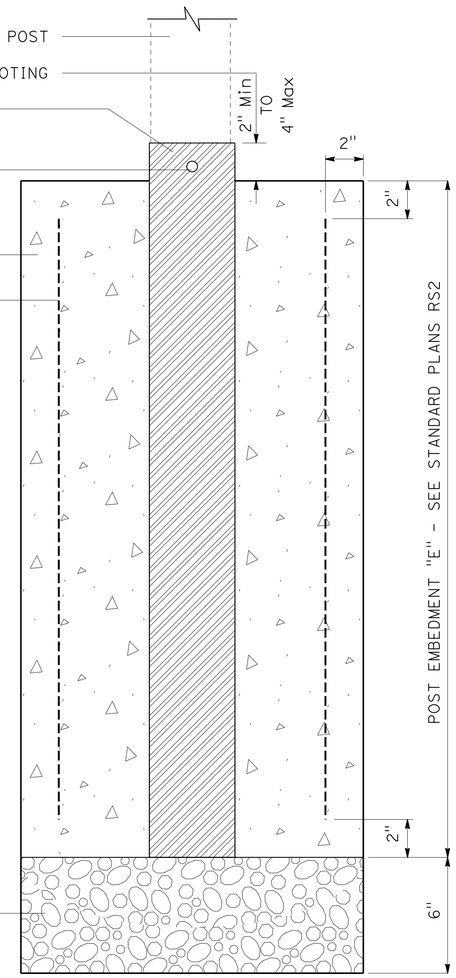
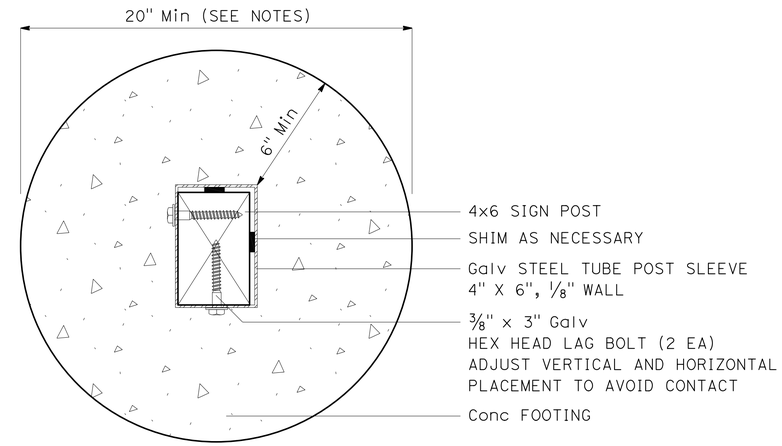
NOTES:
1. FOR ALTERNATE POST SIZE REFER TO STANDARD PLAN RS2 FOR EMBEDMENT DEPTH.
2. FOR ALTERNATE POST SLEEVE SIZE, INCREASE CONCRETE FOOTING DIAMETER TO PROVIDE MINIMUM OF 6" BETWEEN O.D. OF POST SLEEVE AND O.D. OF CONCRETE FOOTING



ISOMETRIC VIEW



SIDE VIEW



PLAN VIEW

ROADSIDE SIGNS WOOD POST INSTALLATION (TYPE 2) DETAILS

SD-9

NO SCALE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY
DATE REVISED

LAST REVISION 10-12-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	338	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
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ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No. (X-X)	SIGN CODE	SIGN MESSAGE	STEEL POST (2") (N)	No. OF POST AND POST SIZE	PANEL SIZE	BACKGROUND SHEETING COLOR	BACKGROUND RETRO-REFLECTIVITY ASTM TYPE	LEGEND SHEETING COLOR	LEGEND RETRO-REFLECTIVITY ASTM TYPE	GRAFFITI FILM PREMIUM	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI) (0.063"-UNFRAMED)	FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI) (0.080"-UNFRAMED)	FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI) (0.063"-FRAMED)	FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI) (0.080"-FRAMED)	ROADSIDE SIGN - ONE POST	ROADSIDE SIGN - TWO POST	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST)	RELOCATE ROADSIDE SIGN	RESET ROADSIDE SIGN	(N) REMAIN IN PLACE	REMOVE ROADSIDE SIGN	REMOVE ROADSIDE SIGN (SSBM)	INSTALL SIGN (SSBM)	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	FURNISH LAMINATED PANEL SIGN (1"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI)	FURNISH LAMINATED PANEL SIGN (2 1/2"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI)	RETROREFLECTIVE SHEETING (TYPE XI)
				EA								SQFT	SQFT	SQFT	SQFT	SQFT	SQFT	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	SQFT	SQFT	SQFT
S-1	S1-1	W12-2	LOW CLEARANCE (ARROWS) 16'-0"			48"x 48"	YELLOW	XI	BLACK		X				16.00												1			16.00
	S1-2	G83-5(CA)	SANTA MONICA ROAD 1 1/4 MILE		2-TYPE L L25'-R25'	198" x 120"	GREEN	XI	WHITE	XI										1									165.00	165.00
		D9-3a	TRAILER CAMPING SYSMBOL			30" x 30"	BLUE	XI	WHITE	XI	X			6.25																6.25
	S1-3	G86-5(CA)	CASITAS PASS Rd / LINDEN AVE NEXT EXIT		2-TYPE L L24'-R24'	234" x 108"	GREEN	XI	WHITE	XI																		175.50		175.50
		D9-7	GAS			30" x 30"	BLUE	XI	WHITE	XI	X			6.25						1										6.25
		D9-9	LODGING			30" x 30"	BLUE	XI	WHITE	XI	X			6.25																6.25
	S1-4	S32A(CA)	RELOCATE AT S2-5																		1									
		S32-1(CA)																												
	S1-5	G13-2(CA)	HISTORICAL LANDMARK NEXT RIGHT		2-6" x 6"	72" x 60"	CREAM	XI	BROWN	XI	X					30.00			1					1						30.00
	S1-6	R2-1	SPEED LIMIT 35 MPH	1		24" x 30"	WHITE	IX	BLACK		X	5.00						1						1						
		R26(CA)	NO PARKING ANY TIME			12" x 18"	WHITE	IX	RED	IX	X	1.50																		
	S1-7	R26(CA)	NO PARKING ANY TIME	1		12" x 18"	WHITE	IX	RED	IX	X	1.50						1						1						
	S1-8	R26(CA)	NO PARKING ANY TIME																					1						
	S1-9	R29(CA)	NO PARKING 10PM-6AM																											
		R32(CA)	2 HR PARKING 6AM-10AM																					2						
		R30B(CA)	NO PARKING 3rd WED. OF EACH MONTH																											
	S1-10	R1-1	STOP	1		36" x 36"	RED	XI	WHITE	XI	X			9.00				1												9.00
	S1-11	S32A(CA)	ADOPT-A-HWY																			1								
		S32-1(CA)	WHORF ENTERTAINMENT SYSTEM																											
S-2	S2-1	R26(CA)	NO PARKING ANY TIME																				1							
	S2-2	S4-2	WATCH OUT FOR CHILDREN																				1							
	S2-3	R5-3	NO MOTOR VEHICALS/BIKEWAY CLOSED AT DUSK																					1						
	S2-4	R29(CA)	NO PARKING 10PM-6AM																											
		R32(CA)	2 HOUR PARKING 6AM-10AM																			1								
		R30B(CA)	NO PARKING 3Rd WED. OF EACH MONTH																											
	S2-4A	R29(CA)	NO PARKING 10PM-6AM																											
		R32(CA)	2 HOUR PARKING 6AM-10AM																					2						
		R30B(CA)	NO PARKING 3Rd WED. OF EACH MONTH																											
	S2-4B	R99C(CA)	PARKING ONLY	1		12" x 24"	BLUE	XI	WHITE	XI	X			2.00				1												2.00
	S2-5	S32A(CA)	RELOCATE FROM (S1-4) (N) (FOR INFORMATIOM ONLY)																											
		S32-1(CA)																												
	S2-6	G11-1(CA)	CARPINTERIA Cr., Br. 51-52 101-SB PM 2.44		1-6" x 6"	44" x 24"	WHITE	IX	BLACK		X	7.33						1						1						
	S2-7	W3-3	SIGNAL AHEAD SYSMBOL		1-6" x 6"	48" X 48"	YELLOW	XI	B/R		X				32.00			2												32.00
	S2-8	W1-2	CURVE		1-4" x 6"	30" X 30"	YELLOW	XI	BLACK		X			6.25				1												6.25
	S2-9	G85-11(CA)	CASITAS PASS ROAD/ EXIT 86																					1						
	S2-10	G8-4(CA)	CASITAS PASS ROAD / LINDEN AVE		2-6" x 6"	108" x 30"	GREEN	XI	WHITE	XI	X						22.50		1											22.50
	S2-11	R61-9(CA)	INTERSECTION LANE CONTROAL		1-6" x 6"	54" x 45"	WHITE	IX	BLACK		x		33.76					2												
	S2-12	G84-2(CA)	EXIT 86 WITH ARROW		1-6" x 6"	48" x 54"	WHITE	IX	BLACK		X		18.00					1												
	S2-13	R5-10c	PEDESTRIAN PROHIBITED (BACK)		1-4" x 6"	24" x 12"	WHITE	IX	BLACK		X	2.00						1												
		R10-30(Mod)	RIGHT TURN MUST YIELD TO BIKE			30" x 36"	WHITE	IX	BLACK		X	7.50																		
SUBTOTAL												24.83	51.76	36.00	48.00	30.00	22.50	12	2	2	1	2		11			1	175.50	165.00	477.00

(N) - NOT PAY ITEM, FOR INFORMATION ONLY
** - SIGN MOUNTED ON MAST ARM OR POLE
*** - BRIDGE MOUNTED SIGN

SIGN QUANTITIES

SQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY / DATE REVISED

LAST REVISION 10-12-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:19

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12-7-15
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ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No. (X-X)	SIGN CODE	SIGN MESSAGE	(N) STEEL POST (2") EA	No. OF POST AND POST SIZE	PANEL SIZE	BACKGROUND SHEETING COLOR	BACKGROUND RETRO-REFLECTIVITY ASTM TYPE	LEGEND SHEETING COLOR	LEGEND RETRO-REFLECTIVITY ASTM TYPE	GRAFFITI FILM PREMIUM	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI) (0.063"-UNFRAMED) SQFT	(0.080"-UNFRAMED) SQFT	(0.063"-FRAMED) SQFT	(0.080"-FRAMED) SQFT	ROADSIDE SIGN - ONE POST EA	ROADSIDE SIGN - TWO POST EA	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST) EA	RELOCATE ROADSIDE SIGN EA	RESET ROADSIDE SIGN EA	(N) REMAIN IN PLACE EA	REMOVE ROADSIDE SIGN EA	REMOVE ROADSIDE SIGN (SSBM) EA	INSTALL SIGN (SSBM) EA	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST EA	FURNISH LAMINATED PANEL SIGN (1"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI) SQFT	FURNISH LAMINATED PANEL SIGN (2 1/2"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI) SQFT	RETROREFLECTIVE SHEETING (TYPE XI) SQFT
S-2	S2-14	R6-1R	ONEWAY		1-4" x 4"	54" x 18"	BLACK		WHITE	XI	X			6.75				1												6.75
		R6-1L	ONEWAY			54" x 18"	BLACK		WHITE	XI	X			6.75																6.75
	S2-15	D11-1	BIKE ROUTE		1-4" x 4"	24" x 18"	GREEN	XI	WHITE	XI	X			3.00				1												3.00
		W16-7P	DIAGONAL ARROW (PAQUE)			24" x 12"	WHITE	IX	BLACK		X	2.00																		
	S2-16	R3-18	NO U TURN / NO LEFT TURN **		MAST ARM	24" x 24"	WHITE	IX	BLACK		X	2.00																		
	S2-17	W1-8	CHEVRON ALIGNMENT		1-4" x 6"	36" x 48"	YELLOW	XI	BLACK		X			36.00				3												36.00
	S2-18	W3-1	STOP AHEAD																					1						
	S2-19	G84-2(CA)	EXIT 86 WITH ARROW																					1						
	S2-20	R5-1	DO NOT ENTER		1-6" x 6"	36" x 36"	RED	XI	WHITE	XI	X			18.00				2												18.00
		R5-1a	WRONG WAY			36" x 24"	RED	XI	WHITE	XI	X			12.00																12.00
	S2-21	G92(CA)	FREEWAY ENTRANCE		1-6" x 6"	48" x 30"	GREEN	XI	WHITE	XI	X				20.00			2												20.00
		M3-1	NORTH			30" x 15"	WHITE	IX	BLACK		X	6.25																		
		G26-1(CA)	ROUTE 101 MARKER			45" x 30"	WHITE	IX	BLACK		X	18.76																		
		M6-2	DIAGONAL ARROW			30" x 15"	WHITE	IX	BLACK		X	6.26																		
	S2-22	W1-8	CHEVRON ALIGNMENT		1-4" x 6"	36" x 48"	YELLOW	XI	BLACK		X			36.00				3												36.00
	S2-23	W4-1	LANE MEGE		1-6" x 6"	48" x 48"	YELLOW	XI	BLACK		X				16.00			1												16.00
	S2-24	R5-10a	PEDESTRIAN PROHIBITED		1-4" x 4"	36" x 30"	WHITE	IX	BLACK		X	7.50						1												
	S2-25	G78-1(CA)	NORTH 101 WITH ARROW		1-6" x 6"	54" x 54"	GREEN	XI	WHITE	XI	X				20.25			1												20.25
	S2-26	R3-7	RIGHT LANE MUST TURN RIGHT		1-4" x 6"	36" x 36"	WHITE	IX	BLACK		X	9.00						1												
	S2-27	G77-4(CA)	SOUTH,101,NORTH		1-6" x 6"	54" x 54"	GREEN	XI	WHITE	XI	X				20.25			1												20.25
	S2-28	W1-2	REVERSE CURVE		1-4" x 6"	36" X 36"	ORANGE	XI	BLACK		X			9.00				1												9.00
	S2-29	R2-1	SPEED LIMIT 35 MPH	1		24" x 30"	WHITE	IX	BLACK		X	5.00						1												
		R26(CA)	NO PARKING ANY TIME			12" x 18"	WHITE	IX	RED	XI	X	1.50																		
	S2-30	D11-1	BIKE ROUTE	1		24" x 18"	GREEN	XI	WHITE	XI	X			3.00				1												3.00
		R9-3	NO PEDESTRIAN CROSSING (SYSMBOL)			12" x 18"	WHITE	IX	BLACK		X	1.50																		
		W16-7P	DOWNWARD DIAGONAL ARROW (PLAQUE)			24" x 12"	WHITE	IX	BLACK		X	2.00																		
	S2-31	R5-3	NO MOTOR VEHICALS	1		24" x 24"	WHITE	IX	BLACK		X	8.00						1												
		W11-1	BICYCLE SYMBOL			30" x 30"	YELLOW	XI	BLACK		X			12.25																12.25
	S2-32	R5-3	NO MOTOR VEHICALS	1		24" x 24"	WHITE	IX	BLACK		X	8.00						1												
		W11-1	BICYCLE SYMBOL			30" x 30"	YELLOW	XI	BLACK		X			12.25																12.25
	S2-33	D3-1	VIA - REAL		1-6" x 6"	48" x 12"	GREEN	XI	WHITE	XI	X			4.00				1												4.00
		W1-7	TWO DIRECTION LARGE ARROW			48" x 24"	YELLOW	XI	BLACK		X			8.00																8.00
		SW100(CA)	YELLOW MARKER			36" x 36"	YELLOW	XI			X			9.00																9.00
	S2-34	R6-1R	ONEWAY		1-4" x 4"	36" x 12"	BLACK		WHITE	XI	X			3.00				1												3.00
		R6-1L	ONEWAY			36" x 12"	BLACK		WHITE	XI	X			3.00																3.00
	S2-35	R3-4	NO U TURN **		MAST ARM	24" x 24"	WHITE	XI	BLACK		X	2.00																		
	S2-36	R2-1	SPEED LIMIT 35 MPH	1		24" x 30"	WHITE	IX	BLACK		X	5.00						1												
		R26(CA)	NO PARKING ANY TIME			12" x 18"	WHITE	IX	RED	IX	X	1.50																		
			SUBTOTAL									86.27		182.00	76.50			25						2						258.50

(N) - NOT PAY ITEM, FOR INFORMATION ONLY
** - SIGN MOUNTED ON MAST ARM OR POLE
*** - BRIDGE MOUNTED SIGN

SIGN QUANTITIES
SQ-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: GURMIT GILL
CHECKED BY: FAWZI YAGHMOUR
REVISED BY
DATE REVISED

LAST REVISION 10-12-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	340	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No. (X-X)	SIGN CODE	SIGN MESSAGE	(N) STEEL POST (2") EA	No. OF POST AND POST SIZE	PANEL SIZE	BACKGROUND SHEETING COLOR	BACKGROUND RETRO-REFLECTIVITY ASTM TYPE	LEGEND SHEETING COLOR	LEGEND RETRO-REFLECTIVITY ASTM TYPE	GRAFFITI FILM PREMIUM	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI) (0.063"-UNFRAMED) SQFT	(0.080"-UNFRAMED) SQFT	(0.063"-FRAMED) SQFT	(0.080"-FRAMED) SQFT	ROADSIDE SIGN - ONE POST EA	ROADSIDE SIGN - TWO POST EA	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST) EA	RELOCATE ROADSIDE SIGN EA	RESET ROADSIDE SIGN EA	(N) REMAIN IN PLACE EA	REMOVE ROADSIDE SIGN EA	REMOVE ROADSIDE SIGN (SSBM) EA	INSTALL SIGN (SSBM) EA	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST EA	FURNISH LAMINATED PANEL SIGN (1"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI) SQFT	FURNISH LAMINATED PANEL SIGN (2 1/2"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI) SQFT	RETROREFLECTIVE SHEETING (TYPE XI) SQFT
S-2	S2-37	W4-1	LANE MEGE		1-6" x 6"	48" x 48"	YELLOW	XI	BLACK		X				16.00			1						1						16.00
	S2-38	M3-3	SOUTH																						1					
		G26-1(CA)	ROUTE 101 MARKER																											
	S2-39	M3-3	SOUTH		1-4" x 6"	30" x 15"	GREEN	XI	WHITE	XI	X			3.13																3.13
		G26-1(CA)	ROUTE 101 MARKER			30" x 35"	WHITE	XI	BLACK		X	7.30						1												
	S2-40	G11-1(CA)	CARPINTERIA Cr., Br. 51-52 101-SB PM 2.44		1-6" x 6"	44" x 24"	WHITE	IX	BLACK		X	7.33						1						1						
	S2-41	R5-10a	PEDESTRIAN PROHIBITED																		1									
S-3	S3-1	R61-7(CA)	STRAIGHT/RIGHT LANE CONTROL (Mod)		1-4" x 6"	36" x 30"	WHITE	IX	BLACK		X	7.50						1												
	S3-2	R61-5(CA)	INTERSECTION LANE CONTROL		1-4" x 6"	36" x 30"	WHITE	IX	BLACK		X	7.50						1												
	S3-3	R5-10c	PEDESTRIAN PROHIBITED		1-4" x 4"	24" x 12"	WHITE	IX	BLACK		X	2.00						1												
		R26(CA)	NO PARKING ANY TIME			12" x 18"	WHITE	IX	RED	IX	X	1.50																		
	S3-4	W12-2a	LOW CLEARANCE																					1						
	S3-5	G78-1(CA)	INTERCHANGE GUIDE																					1						
	S3-6	R1-1	STOP																					1						
	S3-7	R3-1	NO RIGHT TURN																					1						
	S3-8	G83-5(CA)	SANTA MONICA ROAD 3/4 MILE																					1						
	S3-9	M3-1	NORTH		1-6" x 6"	36" x 18"	WHITE	IX	BLACK		X	4.50						1												
		G26-1(CA)	ROUTE 101 MARKER			45" x 30"	WHITE	IX	BLACK		X	9.37																		
		M6-1	DIAGONAL ARROW			21" x 15"	WHITE	IX	BLACK		X	2.19																		
	S3-10	R9-3	NO PEDESTRIAN CROSSING (SYMBOL) **		POLE	18" x 18"	WHITE	IX	RED	IX	X	2.25																		
	S3-11	D11-2	PEDESTRIANS PERMITTED		1-4" x 4"	18" x 18"	GREEN	XI	WHITE	XI	X			2.25				1												2.25
		D11-1a	BICYCLES PERMITTED			18" x 18"	GREEN	XI	WHITE	XI	X			2.25																2.25
		M6-1	BICYCLES ROUTE ARROW SIGNS			12" x 6"	GREEN	XI	WHITE	XI	X			0.50																0.50
	S3-12	D3-1	CASITAS PASS ROAD **		MAST ARM	102" x 18"	GREEN	XI	WHITE	XI							12.75													12.75
	S3-13	M3-1	NORTH		1-6" x 6"	36" x 18"	WHITE	IX	BLACK		X	4.50						1												
		G26-1(CA)	ROUTE 101 MARKER			45" x 30"	WHITE	IX	BLACK		X	9.37																		
		M6-2	DIAGONAL ARROW			24" x 12"	WHITE	IX	BLACK		X	2.00																		
	S3-14	R6-1	ONEWAY																					1						
	S3-15	R5-1	DO NOT ENTER																					1						
		R5-1a	WRONG WAY																											
	S3-16	R3-4	NO U TURN **		MAST ARM	24" x 24"	WHITE	IX	BLACK			2.00																		
	S3-17	W11-1	BICYCLE SYMBOL	1		30"x 30"	YELLOW	XI	BLACK		X			6.25				1												6.25
		R5-3	NO MOTOR VEHICLES			24" x 24"	WHITE	IX	BLACK		X	4.00																		
	S3-18	I-7	TRAIN STATION		1-6" x 6"	24" x 24"	GREEN	XI	WHITE	XI	X			4.00				1						1						4.00
		D9-7	GAS			24" x 24"	BLUE	XI	WHITE	XI	X			4.00																4.00
		D9-8	FOOD			24" x 24"	BLUE	XI	WHITE	XI	X			4.00																4.00
		D9-9	LODGING			24" x 24"	BLUE	XI	WHITE	XI	X			4.00																4.00
		G33-1(CA)	DIRECTIONAL ARROW AUXILIARY			24" x 6"	BLUE	XI	WHITE	XI	X			1.00																1.00
			SUBTOTAL									73.31		31.38	16.00		12.75	11			1			10	1					60.13

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*** - BRIDGE MOUNTED SIGN

SIGN QUANTITIES

SQ-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI

CALCULATED-DESIGNED BY: GURMIT GILL

CHECKED BY: FAWZI YAGHMOUR

REVISED BY

DATE REVISED

LAST REVISION 01-29-15

DATE PLOTTED => 26-JAN-2016

TIME PLOTTED => 14:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	341	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

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ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No. (X-X)	SIGN CODE	SIGN MESSAGE	(N) STEEL POST (2")	No. OF POST AND POST SIZE	PANEL SIZE	BACKGROUND SHEETING COLOR	BACKGROUND RETRO-REFLECTIVITY ASTM TYPE	LEGEND SHEETING COLOR	LEGEND RETRO-REFLECTIVITY ASTM TYPE	GRAFFITI FILM PREMIUM	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI) (0.063"-UNFRAMED)	(0.080"-UNFRAMED)	(0.063"-FRAMED)	(0.080"-FRAMED)	ROADSIDE SIGN - ONE POST	ROADSIDE SIGN - TWO POST	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST)	RELOCATE ROADSIDE SIGN	RESET ROADSIDE SIGN	(N) REMAIN IN PLACE	REMOVE ROADSIDE SIGN	REMOVE ROADSIDE SIGN (SSBM)	INSTALL SIGN (SSBM)	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	FURNISH LAMINATED PANEL SIGN (1"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI)	FURNISH LAMINATED PANEL SIGN (2 1/2"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI)	RETROREFLECTIVE SHEETING (TYPE XI)
				EA								SQFT	SQFT	SQFT	SQFT	SQFT	SQFT	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	SQFT	SQFT	SQFT
S-3	S3-19	G-13(CA)	HISTORICAL LAND MARK 1/2 MILE		1-6" x 6"	36" x 30"	CREAM	XI	BROWN	XI	X			7.50																7.50
		G72(CA)	CARPINTERIA STATE BEACH			60" x 18"	BROWN	XI	WHITE	XI	X					7.50		1						1						7.50
		G76-1(CA)	DOWNTOWN			54" x 12"	GREEN	XI	WHITE	XI	X			4.50																4.50
	S3-20	R1-1	STOP																					1						
	S3-21	R5-1	DO NOT ENTER																					1						
		R5-1a	WRONG WAY																											
	S3-22	R6-1	ONEWAY																					1						
	S3-23	D3-1	VIA - REAL **		MAST ARM	48" x 12"	GREEN	XI	WHITE	XI	X				4.00															4.00
	S3-24	R3-4	NO U TURN **		MAST ARM	24" x 24"	WHITE	IX	BLACK		X	4.00																		
	S3-25	W3-3	SIGNAL AHEAD SYMBOL		1-6" x 6"	48" X 48"	YELLOW	XI	B/R	XI	X			16.00				1												16.00
	S3-26	G77-4(CA)	SOUTH,101,NORTH		1-6" x 6"	54" x 54"	GREEN	XI	WHITE	XI	X				20.25			1												20.25
	S3-27	W3-1	STOP AHEAD																					1						
	S3-28	R61-5(CA)	INTERSECTION LANE CONTROL		1-4" x 6"	36" x 30"	WHITE	IX	BLACK		X	7.50						1												
	S3-29	R1-1	STOP																					1						
	S3-30	D3	CASITAS PASS ROAD **		MAST ARM	102" x 18"	GREEN	XI	WHITE	XI	X						12.75													12.75
	S3-31	D3-1	VIA - REAL / CASITAS PASS																		1									
	S3-32	R3-4	NO U TURN **		MAST ARM	24" x 24"	WHITE	IX	BLACK			4.00																		
	S3-33	R9-3	NO PEDESTRIAN CROSSING (SYMBOL) **		POLE	18" x 18"	WHITE	IX	RED	IX	X	2.25																		
	S3-34	R1-1	STOP																					1						
	S3-35	G78-1(CA)	SOUTH,101																					1						
	S3-36	G77-4(CA)	NORTH,101,SOUTH		1-6" x 6"	54" x 54"	GREEN	XI	WHITE	XI	X				20.25			1												20.25
	S3-37	G77-4(CA)	SOUTH,101,NORTH																					1						
	S3-38	G8-4(CA)	BUSINESS DISTRICT																											
		G8-22(CA)	BEACH PARKING																		1									
		G97A(CA)	AMTRAC																											
	S3-39	D3-1	VIA - REAL **		MAST ARM	48" x 12"	GREEN	XI	WHITE	XI	X			4.00																4.00
	S3-40	R3-4	NO U TURN **		MAST ARM	24" x 24"	WHITE	XI	BLACK		X	4.00																		
	S3-41	R2-1	SPEED LIMIT 35 MPH	1		24" x 30"	WHITE	IX	BLACK		X	5.00														1				
		R26(CA)	NO PARKING ANY TIME			12" x 18"	WHITE	IX	RED	IX	X	1.50																		
	S3-42	R2-1	SPEED LIMIT 35 MPH																						1					
	S3-43	M3-1	NORTH		1-6" x 6"	30" x 15"	WHITE	IX	BLACK		X	3.13																		
		G26-1(CA)	ROUTE 101 MARKER			30" x 35"	WHITE	IX	BLACK		X	7.29						1												
	S3-44	W4-7	NOT THROUGH A STREET	1		30" X 30"	YELLOW	XI	BLACK		X			6.25				1						1						6.25
	S3-45	R1-1	STOP																			1								
	S3-46	D3-1	VIA - REAL / HALES LANE																			1								
	S3-47	W12-2	LOW CLEARANCE (WITH ARROW)																					1						
		W34A(CA)	1500 FEET AHEAD																											
			SUBTOTAL									38.67		38.25	44.50	7.50	12.75	7			2	2		11	1	1				103.00

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** - SIGN MOUNTED ON MAST ARM OR POLE

*** - BRIDGE MOUNTED SIGN

SIGN QUANTITIES
SQ-4

GURMIT GILL — REVISED BY — DATE REVISED

FAWZI YAGHMOUR — CALCULATED-DESIGNED BY — CHECKED BY

MOHAMMED QATAMI — FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® TRAFFIC DESIGN

LAST REVISION 10-12-15 — DATE PLOTTED => 26-JAN-2016 — TIME PLOTTED => 14:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	342	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

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ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No. (X-X)	SIGN CODE	SIGN MESSAGE	(N) STEEL POST (2") EA	No. OF POST AND POST SIZE	PANEL SIZE	BACKGROUND SHEETING COLOR	BACKGROUND RETRO-REFLECTIVITY ASTM TYPE	LEGEND SHEETING COLOR	LEGEND RETRO-REFLECTIVITY ASTM TYPE	GRAFFITI FILM PREMIUM	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI) (0.063"-UNFRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI) (0.080"-UNFRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI) (0.063"-FRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI) (0.080"-FRAMED) SQFT	ROADSIDE SIGN - ONE POST EA	ROADSIDE SIGN - TWO POST EA	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST) EA	RELOCATE ROADSIDE SIGN EA	RESET ROADSIDE SIGN EA	(N) REMAIN IN PLACE EA	REMOVE ROADSIDE SIGN EA	REMOVE ROADSIDE SIGN (SSBM) EA	INSTALL SIGN (SSBM) EA	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST EA	FURNISH LAMINATED PANEL SIGN (1"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI) SQFT	FURNISH LAMINATED PANEL SIGN (2 1/2"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI) SQFT	RETROREFLECTIVE SHEETING (TYPE XI) SQFT
S-3	S3-48	G77-4(CA)	NORTH,101,SOUTH		1-6" x 6"	54" x 54"	GREEN	XI	WHITE	XI	X				20.25			1												20.25
	S3-49	W3-3	SIGNAL AHEAD SYMBOL																						1					
	S3-50	W3-3	SIGNAL AHEAD SYMBOL			48" X 48"	YELLOW	XI	B/R	XI	X			16.00												1				16.00
	S3-51	R1-1	STOP																					2						
	S3-52	R9-3	NO PEDESTRIAN CROSSING (SYMBOL) **		POLE	18" x 18"	WHITE	IX	RED	IX	X	2.25																		
	S3-53	D3-1	CASITAS PASS ROAD **		MAST ARM	102" x 12"	GREEN	XI	WHITE	XI							12.75													12.75
	S3-54	G92(CA)	FREEWAY ENTRANCE		1-6" x 6"	48" x 30"	GREEN	XI	WHITE	XI	X				10.00			1						1						10.00
		M3-3	SOUTH			30" x 15"	WHITE	IX	BLACK		X	3.13																		
		G26-2(CA)	ROUTE 101 MARKER			45" x 30"	WHITE	IX	BLACK		X	9.38																		
		M6-2	DIAGONAL ARROW			30" x 15"	WHITE	IX	BLACK		X	3.13																		
	S3-55	R5-10a	PEDESTRIAN PROHIBITED																			1								
	S3-56	R9-3	NO PEDESTRIAN CROSSING (SYMBOL) **		POLE	18" x 18"	WHITE	IX	RED	IX	X	2.25																		
	S3-57	G92(CA)	FREEWAY ENTRANCE		1-6" x 6"	48" x 30"	GREEN	XI	WHITE	XI	X				10.00			1						1						10.00
		M3-3	SOUTH			30" x 15"	WHITE	IX	BLACK		X	3.13																		
		G26-2(CA)	ROUTE 101 MARKER			45" x 30"	WHITE	IX	BLACK		X	9.38																		
		M6-2	DIAGONAL ARROW			30" x 15"	WHITE	IX	BLACK		X	3.13																		
	S3-58	G77-4(CA)	NORTH,101,SOUTH		1-6" x 6"	54" x 54"	GREEN	XI	WHITE	XI	X				20.25			1						1						20.25
	S3-59	R3-18	NO U TURN / NO LEFT TURN **		MAST ARM	24" x 24"	WHITE	IX	BLACK		X	2.00																		
	S3-60	W12-2a	LOW CLEARANCE																					1						
	S3-61	R1-1	STOP																					1						
	S3-62	R3-1	NO RIGHT TURN																		1									
	S3-63	R9-3	NO PEDESTRIAN CROSSING (SYMBOL) **		POLE	18" x 18"	WHITE	IX	RED	IX	X	2.25																		
	S3-64	G78-1(CA)	SOUTH,101		1-6" x 6"	54" x 42"	GREEN	XI	WHITE	XI	X				15.75			1						1						15.75
		R6-1	ONEWAY			54" x 18"	BLACK		WHITE	XI	X			6.75																6.75
	S3-65	R5-1	DO NOT ENTER																		1									
		R5-1a	WRONG WAY																											
	S3-66	R1-1	STOP																					1						
	S3-67	R5-1	DO NOT ENTER		1-6" x 6"	36" x 36"	RED	XI	WHITE	XI	X			9.00				1						1						9.00
		R5-1a	WRONG WAY			36" x 24"	RED	XI	WHITE	XI	X			6.00																6.00
	S3-68	I-7	TRAIN STATION		1-6" x 6"	24" x 24"	GREEN	XI	WHITE	XI	X			4.00				1						1						4.00
		D9-7	GAS			24" x 24"	BLUE	XI	WHITE	XI	X			4.00																4.00
		D9-8	FOOD			24" x 24"	BLUE	XI	WHITE	XI	X			4.00																4.00
		D9-9	LODGING			24" x 24"	BLUE	XI	WHITE	XI	X			4.00																4.00
		G33-1(CA)	DIRECTIONAL ARROW AUXILIARY			24" x 6"	BLUE	XI	WHITE	XI	X			1.00																1.00
	S3-69	R6-1	ONEWAY																		1									
			SUBTOTAL									40.03		54.75	76.25		12.75	7			3	1		11	1	1				143.75

(N) - NOT PAY ITEM, FOR INFORMATION ONLY
** - SIGN MOUNTED ON MAST ARM OR POLE
*** - BRIDGE MOUNTED SIGN

SIGN QUANTITIES
SQ-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
CALCULATED-DESIGNED BY: FAWZI YAGHMOUR
CHECKED BY: GURMIT GILL
REVISED BY
DATE REVISED

LAST REVISION 10-12-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	343	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No. (X-X)	SIGN CODE	SIGN MESSAGE	(N) STEEL POST (2") EA	No. OF POST AND POST SIZE	PANEL SIZE	BACKGROUND SHEETING COLOR	BACKGROUND RETRO-REFLECTIVITY ASTM TYPE	LEGEND SHEETING COLOR	LEGEND RETRO-REFLECTIVITY ASTM TYPE	GRAFFITI FILM PREMIUM	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI) (0.063"-UNFRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI) (0.080"-UNFRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI) (0.063"-FRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI) (0.080"-FRAMED) SQFT	ROADSIDE SIGN - ONE POST EA	ROADSIDE SIGN - TWO POST EA	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST) EA	RELOCATE ROADSIDE SIGN EA	RESET ROADSIDE SIGN EA	(N) REMAIN IN PLACE EA	REMOVE ROADSIDE SIGN EA	REMOVE ROADSIDE SIGN (SSBM) EA	INSTALL SIGN (SSBM) EA	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST EA	FURNISH LAMINATED PANEL SIGN (1"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI) SQFT	FURNISH LAMINATED PANEL SIGN (2 1/2"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI) SQFT	RETROREFLECTIVE SHEETING (TYPE XI) SQFT
S-3	S3-70	SW48 (CA)	TRACTOR SEMIS OVER 32 FEET KING PIN																				1								
		G8-22(CA)	BEACH PARKING																												
	S3-71	R9-3	NO PEDESTRIAN CROSSING (SYMBOL) **		POLE	18" x 18"	WHITE	IX	RED	IX	X	2.25																			
	S3-72	R3-4	NO U TURN **		MAST ARM	24" x 24"	WHITE	IX	BLACK			4.00																			
	S3-73	W12-2a	LOW CLEARANCE (16'.00") ***		STRUCTURE	78" x 12"	YELLOW	XI	BLACK							6.50															6.50
	S3-74	G13-1(CA)	HISTORICAL LAND MARK 1/2 MILE		1-6" x 6"	36" x 30"	CREAM	XI	BROWN	XI	X			7.50				1						1							7.50
		G72(CA)	CARPINTERIA STATE BEACH			60" x 18"	BROWN	XI	WHITE	XI	X					7.50															7.50
	S3-75	W12-2a	LOW CLEARANCE (16'.00") ***		STRUCTURE	78" x 12"	YELLOW	XI	BLACK		X					6.50															6.50
	S3-76	G83-5(CA)	BAILARD AVE I MILE / EXIT 85		2-TYPE M L21'-R21'	180" x 90"	GREEN	XI	WHITE	XI										1				1				112.50		112.50
	S3-77	W12-2	LOW CLEARANCE 15'-6"(WITH ARROW)																					1							
	S3-78	W12-2	LOW CLEARANCE 16'-00"(WITH ARROW)		2-4" x 6"	48" x 48"	YELLOW	XI	BLACK		X				16.00				1												16.00
	S3-79	G84-2(CA)	EXIT 86 WITH ARROW																					1							
	S3-80	W3-1	STOP AHEAD																					1							
	S3-81	G84-2(CA)	EXIT 86 WITH ARROW		1-6" x 6"	48" x 54"	GREEN	XI	WHITE	XI	X				18.00			1													18.00
S-4	S4-1	R2-1	SPEED LIMIT 35 MPH	1		24" x 30"	WHITE	IX	BLACK		X	5.00						1													
		R26(CA)	NO PARKING ANY TIME			12" x 18"	WHITE	IX	RED	IX	X	1.50																			
	S4-2	R2-1	SPEED LIMIT 40 MPH																					2							
	S4-3	R2-1	SPEED LIMIT 35 MPH	1		24" x 30"	WHITE	IX	BLACK		X	5.00						1													
		R26(CA)	NO PARKING ANY TIME			12" x 18"	WHITE	IX	RED	IX	X	1.50																			
	S4-4	G86-5(CA)	SANTA MONICA ROAD NEXT EXIT		2-TYPE L L24'-R24'	204" X 108"	GREEN	XI	WHITE	XI										1									153.00	153.00
	S4-5	W1-7	TWO DIRECTIONAL LARGE ARROW		1-4" x 6"	48" x 24"	YELLOW	XI	BLACK		X			8.00				1						1							8.00
		TYPE N (CA)	OBJECT MARKER TYPE N-I (OM1-3)			18" x 18"	YELLOW	XI	BLACK		X			2.25																	2.25
	S4-6	W34C(CA)	CAUTION VERTICAL CLEARANCE 14'-11" ARROW																					1							
	S4-7	R26(CA)	NO PARKING ANY TIME																		1										
	S4-8	R2-1	SPEED LIMIT 25 MPH																			1									
	S4-9	SW58(CA)	WATCH OUT FOR CHILDREN																												
		R26(CA)	NO PARKING ANY TIME																				1								
	S4-10	R26(CA)	NO PARKING ANY TIME																				1								
	S4-11	R1-1	STOP	1		36" x 36"	RED	XI	WHITE	XI	X			9.00				1						1							9.00
	S4-12	D3-1	VALLECITO RD			26" x 6"	BROWN	XI	WHITE	XI	X			1.10													1				1.10
		D3-1	VIA-REAL			24" x 6"	BROWN	XI	WHITE	XI	X			1.00																	1.00
	S4-13	R5-10a	PEDESTRIAN PROHIBITED																					1							
	S4-14	G92(CA)	FREEWAY ENTRANCE																												
		M3-1	NORTH																					2							
		M1-4	ROUTE 101 MARKER																												
		M6-2	DIAGONAL ARROW																												
	S4-15	W12-2	LOW CLEARANCE 15'-6"(WITH ARROW)																					1							
	S4-16	W12-2	LOW CLEARANCE 15'-6"(WITH ARROW)																					1							
			SUBTOTAL									19.25		28.85	34.00	20.50		6	1	2	1	2		15			1	112.50	153.00	348.85

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*** - BRIDGE MOUNTED SIGN

SIGN QUANTITIES
SQ-6

GURMIT GILL — REVISED BY — DATE REVISED
FAWZI YAGHMOUR — CALCULATED-DESIGNED BY — CHECKED BY
MOHAMMED QATAMI — FUNCTIONAL SUPERVISOR
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

LAST REVISION 10-12-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	344	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

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ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No. (X-X)	SIGN CODE	SIGN MESSAGE	STEEL POST (2") (N) EA	No. OF POST AND POST SIZE	PANEL SIZE	BACKGROUND SHEETING COLOR	BACKGROUND RETRO-REFLECTIVITY ASTM TYPE	LEGEND SHEETING COLOR	LEGEND RETRO-REFLECTIVITY ASTM TYPE	GRAFFITI FILM PREMIUM	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI) (0.063"-UNFRAMED) SQFT	(0.080"-UNFRAMED) SQFT	(0.063"-FRAMED) SQFT	(0.080"-FRAMED) SQFT	ROADSIDE SIGN - ONE POST EA	ROADSIDE SIGN - TWO POST EA	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST) EA	RELOCATE ROADSIDE SIGN EA	RESET ROADSIDE SIGN EA	(N) REMAIN IN PLACE EA	REMOVE ROADSIDE SIGN EA	REMOVE ROADSIDE SIGN (SSBM) EA	INSTALL SIGN (SSBM) EA	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST EA	FURNISH LAMINATED PANEL SIGN (1"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI) SQFT	FURNISH LAMINATED PANEL SIGN (2 1/2"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI) SQFT	RETROREFLECTIVE SHEETING (TYPE XI) SQFT
S-4	S4-17	R6-5P	ROUNDABOUT CIRCULATION		1-4" x 6"	36" x 36"	YELLOW	XI	BLACK		X			9.00				1												9.00
		W13-1(15)	ADVISORY SPEED PLAQUE			24" x 24"	YELLOW	XI	BLACK		X			4.00																4.00
	S4-18	W4-1	MERGE																					1						
	S4-19	R2-1	SPEED LIMIT 35 MPH	1		24" x 30"	WHITE	IX	BLACK		X	5.00						1												
		R26(CA)	NO PARKING ANY TIME			12" x 18"	WHITE	IX	RED	IX	X	1.50																		
	S4-20	W11-1	BICYCLES WARNING	1		24" x 24"	YELLOW	XI	BLACK		X			4.00				1												4.00
		W16-2aP	300 FEET (PLAQUE)			24" x 12"	YELLOW	XI	BLACK		X			2.00																2.00
	S4-21	W3-2	YIELD AHEAD		1-4" x 6"	36" x 36"	YELLOW	XI	B/R	XI	X			9.00				1												9.00
	S4-22	M3-1	NORTH																											
		G26-1(CA)	ROUTE 101 MARKER																						1					
	S4-23	M3-1	NORTH		1-4" x 6"	30" x 15"	WHITE	IX	BLACK		X	3.13						1												
		G26-1(CA)	ROUTE 101 MARKER			30" x 35"	WHITE	IX	BLACK		X	7.30																		
	S4-24	W34C(CA)	CAUTION VERTICAL CLEARANCE 16'-00" ARROW		2-4" x 6"	48" x 72"	YELLOW	XI	BLACK		X				24.00				1											24.00
	S4-25	R6-5P	ROUNDABOUT CIRCULATION		1-4" x 6"	36" x 36"	YELLOW	XI	BLACK		X			9.00				1												9.00
		W13-1(15)	ADVISORY SPEED PLAQUE			24" x 24"	YELLOW	XI	BLACK		X			4.00																4.00
	S4-26	D11-2	PEDESTRIANS PERMITTED	1		18" x 18"	GREEN	XI	WHITE	XI	X			2.25				1												2.25
		D11-1a	BICYCLES PERMITTED			18" x 18"	GREEN	XI	WHITE	XI	X			2.25																2.25
		M6-2	BICYCLES ROUTE ARROW SIGNS			12" x 6"	GREEN	XI	WHITE	XI	X			0.50																0.50
	S4-27	G13-2(CA)	HISTORICAL LANDMARK NEXT RIGHT		2-6" x 6"	72" x 60"	CREAM	XI	BROWN	XI	X					30.00			1					1						30.00
	S4-28	G85-11(CA)	CASITAS PASS ROAD/ EXIT 86A		2-TYPE L L23'-R23'	198" x 102"	GREEN	XI	WHITE	XI										1								140.25	140.25	
	S4-29	G85-11(CA)	CASITAS PASS ROAD/ EXIT 86A																					1						
	S4-30	W3-3	SIGNAL AHEAD (SYMBOL)		1-6" x 6"	48" X 48"	YELLOW	XI	B/R	XI	X				16.00			1												16.00
S-5	S5-1	W3-2	YIELD AHEAD		1-6" x 6"	36" x 36"	YELLOW	XI	B/R	XI	X			9.00				1												9.00
		W34C(CA)	CAUTION VERTICAL CLEARANCE 16'-00" ARROW			36" x 54"	YELLOW	XI	BLACK		X			13.5																13.5
	S5-2	W34C(CA)	CAUTION VERTICAL CLEARANCE 14'-11" ARROW																					1						
	S5-3	R4-7	KEEP RIGHT SYMBOL		1-4" x 4"	24" X 30"	WHITE	IX	BLACK		X	5.00						1												
	S5-4	W11-2	PEDESTRIAN TRAFFIC	1		30" X 30"	YELLOW	XI	BLACK		X			6.25				1												6.25
		W16-7P	DOWNWARD DIAGONAL ARROW PLAQUE			24" X 12"	YELLOW	XI	BLACK		X			2.00																2.00
	S5-5	R1-2	YIELD		1-6" x 6"	36" X 36"	RED	XI	WHITE	XI	X			9.00				1												9.00
		R6-5P	ROUNDABOUT			36" X 36"	WHITE	IX	BLACK		X	9.00																		
		W16-1P	SHARE THE ROAD (PLAQUE)			18" X 24"	YELLOW		BLACK		X			3.00																3.00
	S5-6	G78-1(CA)	INTERCHANGE GUIDE																		1									
	S5-7	G92(CA)	FREEWAY ENTRANCE																											
		M3-1	NORTH																					2						
		M1-4	ROUTE 101 MARKER																											
		M6-2	DIAGONAL ARROW																											
	S5-8	R6-4	CHEVRON ALIGNMENT		1-4" X 6"	30" X 24"	WHITE	IX	BLACK		X	15.00						3												
	S5-9	D1-1d	LINDEN Ave ↗		1-4" x 4"	48" X 12"	GREEN	XI	WHITE	XI	X				4.00			1												4.00
SUBTOTAL												45.93		88.75	44.00	30.00		16	2	1	1			6	1			140.25	303.00

(N) - NOT PAY ITEM, FOR INFORMATION ONLY
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*** - BRIDGE MOUNTED SIGN

SIGN QUANTITIES
SQ-7

GURMIT GILL — REVISED BY
FAWZI YAGHMOUR — DATE REVISED
CALCULATED-DESIGNED BY
CHECKED BY
FUNCTIONAL SUPERVISOR
MOHAMMED QATAMI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

LAST REVISION 10-12-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	345	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

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ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No. (X-X)	SIGN CODE	SIGN MESSAGE	(N) STEEL POST (2") EA	No. OF POST AND POST SIZE	PANEL SIZE	BACKGROUND SHEETING COLOR	BACKGROUND RETRO-REFLECTIVITY ASTM TYPE	LEGEND SHEETING COLOR	LEGEND RETRO-REFLECTIVITY ASTM TYPE	GRAFFITI FILM PREMIUM	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI) (0.063"-UNFRAMED) SQFT	(0.080"-UNFRAMED) SQFT	(0.063"-FRAMED) SQFT	(0.080"-FRAMED) SQFT	ROADSIDE SIGN - ONE POST EA	ROADSIDE SIGN - TWO POST EA	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST) EA	RELOCATE ROADSIDE SIGN EA	RESET ROADSIDE SIGN EA	(N) REMAIN IN PLACE EA	REMOVE ROADSIDE SIGN EA	REMOVE ROADSIDE SIGN (SSBM) EA	INSTALL SIGN (SSBM) EA	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST EA	FURNISH LAMINATED PANEL SIGN (1"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI) SQFT	FURNISH LAMINATED PANEL SIGN (2 1/2"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI) SQFT	RETROREFLECTIVE SHEETING (TYPE XI) SQFT
S-5	S5-10	W3-3	SIGNAL AHEAD SYMBOL		1-6" x 6"	48" X 48"	YELLOW	XI	B/R	XI	X			16.00				1												16.00
	S5-11	R4-7	KEEP RIGHT SYMBOL		1-4" x 4"	24" X 30"	WHITE	IX	BLACK		X	5.00						1												
	S5-12	W34C(CA)	CAUTION VERTICAL CLEARANCE 14'-11" ARROW																					1						
	S5-13	W34C(CA)	CAUTION VERTICAL CLEARANCE 16'-00" ARROW		1-6" x 6"	36" x 54"	YELLOW	XI	BLACK		X			13.5				1												13.5
		W16-1P	SHARE THE ROAD (PLAQUE)			18" X 24"	YELLOW	XI	BLACK		X			3.00																3.00
	S5-14	W2-6S	ROUNDABOUT CIRCULATION		1-4" x 6"	36" x 36"	YELLOW	XI	BLACK		X			9.00				1												9.00
		W13-1(15)	ADVISORY SPEED PLAQUE			24" x 24"	YELLOW	XI	BLACK		X			4.00																4.00
	S5-15	R1-1	STOP																					1						
	S5-16	D3-1	OGAN Rd / LINDEN AVe																		1									
	S5-17	R9-3	NO PEDESTRIAN CROSSING (SYMBOL) **		POLE	18" x 18"	WHITE	IX	RED	IX	X	2.25																		
	S5-18	R3-4	NO U TURN **		MAST ARM	24" x 24"	WHITE	IX	BLACK			4.00																		
	S5-19	R26(CA)	NO PARKING ANY TIME	1		12" x 18"	WHITE	IX	RED	IX	X	1.50						1												
		SW24-3(CA)	SCHOOL WARNING ADVANCE ASSEMBLY D (CA)			36" X 36"	FLOURESCENT YELLOW, GREEN	XI	BLACK		X			9.00																9.00
	S5-20	R26(CA)	NO PARKING ANY TIME																					1						
	S5-21	R26(CA)	NO PARKING ANY TIME	1		12" x 18"	WHITE	IX	RED	IX	X	1.50						1						1						
	S5-22	R2-1	SPEED LIMIT 35 MPH	1		12" x 18"	WHITE	IX	RED	IX	X	1.50						1						1						
	S5-23	R1-6	IN- STREET PED CROSSING	1		12" X 36"	FLOURESCENT YELLOW, GREEN	IX	BLACK		X			3.00				1												3.00
		S4-3P	SCHOOL			12" X 4"		IX	BLACK		X			0.33																0.33
	S5-24	R26(CA)	NO PARKING ANY TIME	1		12" x 18"	WHITE	IX	RED	IX	X	1.50						1						1						
	S5-25	W11-2	PEDESTRIAN TRAFFIC	1		30" X 30"	YELLOW	XI	BLACK		X			6.25				1												6.25
		W16-7P	DOWNWARD DIAGONAL ARROW PLAQUE			24" X 12"	YELLOW	XI	BLACK		X			2.00																2.00
	S5-26	D1-1d	OGAN Ave ↗		1-4" x 4"	36" X 12"	GREEN	XI	WHITE	XI	X			6.00				2												6.00
	S5-27	R5-1	DO NOT ENTER																					1						
		R5-1a	WRONG WAY																											
	S5-28	R1-2	YIELD		1-6" X 6"	36" X 36"	RED	XI	WHITE	XI	X			18.00				2												18.00
		R6-5P	ROUNDABOUT			36" X 36"	WHITE	IX	BLACK		X	18.00																		
	S5-29	R4-7	KEEP RIGHT SYMBOL		1-4" x 4"	24" X 30"	WHITE	IX	BLACK		X	5.00						1												
	S5-30	D11-1	BIKE ROUTE SYMBOL	1		16" X 12"	WHITE	IX	GREEN	IX	X	1.33						1												
		W16-7P	DOWNWARD DIAGONAL ARROW PLAQUE			24" X 12"	WHITE	IX	BLACK		X	2.00																		
		R9-3	NO CROSS WALK			12" X 18"	WHITE	IX	BLACK		X	1.50																		
	S5-31	D11-2	PEDESTRIAN TRAFFIC	1		30" X 30"	YELLOW	XI	BLACK		X			6.25				1												6.25
		W16-7P	DOWNWARD DIAGONAL ARROW PLAQUE			24" X 12"	YELLOW	XI	BLACK		X			2.00																2.00
	S5-32	W4-1	LANE MEGE																					1						
	S5-33		HISTORICAL BELL SIGN																				1							
	S5-34	W12-2	LOW CLEARANCE 14'-11" (WITH ARROW)																					1						
	S5-35	W12-2	LOW CLEARANCE 16'-00"(WITH ARROW)		2-4" x 6"	48" x 48"	YELLOW	XI	BLACK		X				16.00			1												16.00
	SUBTOTAL											45.08		98.33	16.00			18			1			9						114.33

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*** - BRIDGE MOUNTED SIGN

SIGN QUANTITIES

SQ-8

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

TRAFFIC DESIGN

Caltrans

FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI

CALCULATED-DESIGNED BY: FAWZI YAGHMOUR

CHECKED BY: GURMIT GILL

REVISED BY

DATE REVISED

LAST REVISION 10-12-15

DATE PLOTTED => 26-JAN-2016

TIME PLOTTED => 14:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	346	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No. (X-X)	SIGN CODE	SIGN MESSAGE	(N) STEEL POST (2") EA	No. OF POST AND POST SIZE	PANEL SIZE	BACKGROUND SHEETING COLOR	BACKGROUND RETRO-REFLECTIVITY ASTM TYPE	LEGEND SHEETING COLOR	LEGEND RETRO-REFLECTIVITY ASTM TYPE	GRAFFITI FILM PREMIUM	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED) SQFT	FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI) (0.063"-UNFRAMED) SQFT	(0.080"-UNFRAMED) SQFT	(0.063"-FRAMED) SQFT	(0.080"-FRAMED) SQFT	ROADSIDE SIGN - ONE POST EA	ROADSIDE SIGN - TWO POST EA	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST) EA	RELOCATE ROADSIDE SIGN EA	RESET ROADSIDE SIGN EA	(N) REMAIN IN PLACE EA	REMOVE ROADSIDE SIGN EA	REMOVE ROADSIDE SIGN (SSBM) EA	INSTALL SIGN (SSBM) EA	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST EA	FURNISH LAMINATED PANEL SIGN (1"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI) SQFT	FURNISH LAMINATED PANEL SIGN (2 1/2"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI) SQFT	RETROREFLECTIVE SHEETING (TYPE XI) SQFT
S-5	S5-36	D1-1d	VIA REAL ↗		1-4" x 6"	48" X 12"	GREEN	XI	WHITE	XI	X			8.00				2											8.00
		M3-3	SOUTH			24" X 12"	WHITE	IX	BLACK		X	4.00																	
		G26-1(CA)	ROUTE 101 MARKER			21" X 18"	WHITE	IX	BLACK		X	5.25																	
		M6-2	DIAGONAL ARROW			21" X 15"	WHITE	IX	BLACK		X	4.38																	
	S5-37	R5-10a	PEDESTRIAN PROHIBITED																		1								
	S5-38	G86-5(CA)	SANTA MONICA ROAD NEXT EXIT																					1					
	S5-39	W4-1	LANE MEGE		1-6" x 6"	48" x 48"	YELLOW	XI	BLACK		X				16.00			1											16.00
	S5-40	G92(CA)	FREEWAY ENTRANCE		1-6" x 6"	48" x 30"	GREEN	XI	WHITE	XI	X				20.00			2											20.00
		M3-1	NORTH			30" x 15"	WHITE	IX	BLACK		X	6.25																	
		G26-1(CA)	ROUTE 101 MARKER			45" x 30"	WHITE	IX	BLACK		X	18.76																	
		M6-2	DIAGONAL ARROW			30" x 15"	WHITE	IX	BLACK		X	6.26																	
	S5-41	R1-2	YIELD		1-6" X 6"	36" X 36"	RED	XI	WHITE	XI	X			18.00				2											18.00
		R6-5P	ROUNDABOUT			36" X 36"	WHITE	IX	BLACK		X	18.00																	
	S5-42	G78-1(CA)	NORTH 101 WITH ARROW		1-6" x 6"	54" x 54"	GREEN	XI	WHITE	XI	X				20.25			1						1					20.25
	S5-43	R5-1	DO NOT ENTER																					1					
		R5-1a	WRONG WAY																										
	S5-44	R9-3	NO PEDESTRIAN CROSSING (SYMBOL) **		POLE	18" x 18"	WHITE	IX	RED	IX	X	2.25																	
	S3-45	R61-7(CA)	STRAIGHT/RIGHT LANE CONTROL (Mod)		1-4" x 6"	36" x 30"	WHITE	IX	BLACK		X	7.50						1											
	S5-46	W12-2a	LOW CLEARANCE 15'-6"																					1					
	S5-47	G78-1(CA)	NORTH 101 WITH ARROW																					1					
	S5-48	G26-1(CA)	ROUTE 101 MARKER		1-4" x 6"	35" X 30"	WHITE	IX	BLACK		X	7.29						1											
		G8-1(CA)	VIA REAL ➔			48" X 12"	GREEN	XI	WHITE	XI	X				4.00														4.00
		W1-6R	ONE DIRECTIONAL LARGE ARROW			36" X 18"	YELLOW	XI	BLACK		X			4.50															4.50
	S5-49	W5-2	NARROW BRIDGE																					1					
	S5-50	D3-1	OGAN Rd / LINDEN AVe																		1								
	S3-51	R9-3	NO PEDESTRIAN CROSSING (SYMBOL) **		POLE	18" x 18"	WHITE	IX	RED	IX	X	2.25																	
	S3-52	R3-4	NO U TURN **		MAST ARM	24" x 24"	WHITE	IX	BLACK			4.00																	
	S3-53	R3-4	NO U TURN **		MAST ARM	24" x 24"	WHITE	IX	BLACK			4.00																	
	S3-54	R9-3	NO PEDESTRIAN CROSSING (SYMBOL) **		POLE	18" x 18"	WHITE	IX	RED	IX	X	2.25																	
	S5-55	G26-1(CA)	ROUTE 101 MARKER		1-4" x 6"	25" X 28"	WHITE	IX	BLACK		X	4.86						1											
		G8-1(CA)	← VIA REAL			48" X 12"	GREEN	XI	WHITE	XI	X				4.00														4.00
		W1-6L	ONE DIRECTIONAL LARGE ARROW			36" X 18"	YELLOW	XI	BLACK		X			4.50															4.50
	S5-56	G77-4(CA)	SOUTH,101,NORTH																					1					
	S5-57	SW58(CA)	WATCH OUT FOR CHILDREN																		1								
	S5-58	W3-3	SIGNAL AHEAD SYMBOL		1-6" x 6"	36" X 36"	YELLOW	XI	B/R	XI	X			9.00				1											9.00
	S5-59	R1-1	STOP	1		36" x 36"	RED	XI	WHITE	XI	X			9.00				2						2					9.00
	S5-60	SW24-3 CA)	SCHOOL ADVANCE WARNING ASSEMBLY D (CA)		1-4" x 6"	36" x 36"	FLOURESCENT YELLOW/GREEN	XI	BLACK		X			9.00				1											9.00
			SUBTOTAL									97.30		62.00	64.25			15			3			9					126.25

(N) - NOT PAY ITEM, FOR INFORMATION ONLY

** - SIGN MOUNTED ON MAST ARM OR POLE

*** - BRIDGE MOUNTED SIGN

SIGN QUANTITIES

SQ-9

GURMIT GILL — REVISED BY — DATE REVISED

FAWZI YAGHMOUR — CALCULATED-DESIGNED BY — CHECKED BY

MOHAMMED QATAMI — FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® TRAFFIC DESIGN

LAST REVISION 10-12-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	347	786

REGISTERED CIVIL ENGINEER 11-16-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FAWZI YAGHMOUR No. 54750 Exp. 12-31-17 CIVIL STATE OF CALIFORNIA

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ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No. (X-X)	SIGN CODE	SIGN MESSAGE	(N) STEEL POST (2")	No. OF POST AND POST SIZE	PANEL SIZE	BACKGROUND		LEGEND		GRAFFITI FILM	FURNISH SINGLE SHEET ALUMINUM SIGN		FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI)				ROADSIDE SIGN - ONE POST	ROADSIDE SIGN - TWO POST	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST)	RELOCATE ROADSIDE SIGN	RESET ROADSIDE SIGN	(N) REMAIN IN PLACE	REMOVE ROADSIDE SIGN	REMOVE ROADSIDE SIGN (SSBM)	INSTALL SIGN (SSBM)	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	FURNISH LAMINATED PANEL SIGN		RETROREFLECTIVE SHEETING (TYPE XI)
							SHEETING COLOR	RETRO-REFLECTIVITY ASTM TYPE	SHEETING COLOR	RETRO-REFLECTIVITY ASTM TYPE	PREMIUM	(0.063"-UNFRAMED)	(0.080"-UNFRAMED)	(0.063"-UNFRAMED)	(0.080"-UNFRAMED)	(0.063"-FRAMED)	(0.080"-FRAMED)											(1"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI)	(2 1/2"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI)	
				EA								SQFT	SQFT	SQFT	SQFT	SQFT	SQFT	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	SQFT	SQFT	SQFT
S-5	S5-61	R3-18	NO U TURN / NO LEFT TURN **		MAST ARM	24" x 24"	WHITE	IX	BLACK			4.00																		
	S5-62	R9-3	NO PEDESTRIAN CROSSING (SYMBOL) **		POLE	18" x 18"	WHITE	IX	RED	XI	X	2.25																		
	S5-63	SR4-1(CA)	SCHOOL SPEED LIMIT ASSEMBLY C (CA)		1-6" x 6"	36" x 72"	WHITE	IX	BLACK		X	18.00						1												
	S5-64	D3	LINDEN Ave **		MAST ARM	48 x 12"	GREEN	XI	WHITE	XI					4.00															4.00
	S5-65	G72(CA)	BUSINESS DISTRIC																											
		G74(CA)	AMTRAK																		1									
		G77(CA)	BEACH PARKING/ WITH ARROW																											
	S5-66	SR4-1(CA)	SCHOOL SPEED LIMIT ASSEMBLY C (CA)																					1						
	S5-67	R9-3	NO PEDESTRIAN CROSSING (SYMBOL) **		POLE	18" x 18"	WHITE	IX	RED	IX	X	2.25																		
	S5-68	R3-7	RIGHT LANE MUST TURN RIGHT			30" x 30"	WHITE	IX	BLACK		X	6.25						1												
	S5-69	W5-2	NARROW BRIDGE																											
		SW58(CA)	WATCH OUT FOR CHILDREN																					1						
	S5-70	SW58(CA)	WATCH OUT FOR CHILDREN	1		36" x 36"	YELLOW	XI	BLACK		X			9.00				1												9.00
	S5-71	R26(CA)	NO PARKING ANY TIME	1		12" x 18"	WHITE	IX	RED	IX	X	1.50						1						1						
	S5-72	R2-1	SPEED LIMIT 25 MPH	1		18" x 24"	WHITE	IX	BLACK		X	3.00						1						1						
	S5-73	W3-3	SIGNAL AHEAD SYMBOL	1		30" X 30"	YELLOW	XI	B/R	XI	X			6.25				1												6.25
	S5-74	R2-1	SPEED LIMIT 25 MPH	1		24" x 30"	WHITE	IX	BLACK		X	5.00						1						1						
		R48(CA)	SPEED ENFORCED BY RADAR			24" x 30"	WHITE	IX	BLACK		X	5.00																		
	S5-75	R1-1	STOP	1		36" x 36"	RED	XI	WHITE	XI	X			9.00													1			9.00
	S5-76	W1-8	CHEVRON																					3						
	S5-77	W14-1	DEAD END																			1								
	S5-78	W31(CA)	END																					1						
	S5-79	S32A(CA)																												
		S32-1(CA)																						1						
	S5-80	R5-1	DO NOT ENTER																											
		R5-1a	WRONG WAY																					2						
	S5-81	R5-10a	PED.,BICYCLES, MOTOR DRIVEN CYCLES.PROHIBITED																					1						
	S5-82	W1-1	TURN																											
		W13-1	ADVISORY SPEED (PLAQUE)																					1						
	S5-83	R61-19(CA)	ARROW WITH ONLY		1-4" x 6"	48" x 36"	WHITE	IX	BLACK		X		24.00					2												
	S5-84	R5-10a	PEDESTRIAN PROHIBITED		1-4" x 4"	30" x 36"	WHITE	IX	BLACK		X	7.50						1												
	S5-85	R5-1	DO NOT ENTER		1-6" x 6"	36" x 36"	RED	XI	WHITE	XI	X			18.00				2												18.00
		R5-1a	WRONG WAY			36" x 24"	RED	XI	WHITE	XI	X			12.00																12.00
	S5-86	R3-18	NO U TURN / NO LEFT TURN **		MAST ARM	24" x 24"	WHITE	IX	BLACK			4.00																		
	S5-87	R6-1	ONEWAY		1-4" x 6"	54" x 18"	BLACK		WHITE	XI	X				13.50			2												13.50
	S3-88	R9-3	NO PEDESTRIAN CROSSING (SYMBOL) **		POLE	18" x 18"	WHITE	IX	RED	IX	X	2.25																		
	S3-89	R9-3	NO PEDESTRIAN CROSSING (SYMBOL) **		POLE	18" x 18"	WHITE	IX	RED	IX	X	2.25																		
			SUBTOTAL									63.25	24.00	54.25	17.50			14			1	1		10	4		1			71.75

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*** - BRIDGE MOUNTED SIGN

SIGN QUANTITIES

SQ-10

GURMIT GILL — REVISED BY — DATE REVISED
FAWZI YAGHMOUR — CALCULATED-DESIGNED BY — CHECKED BY
MOHAMMED QATAMI — FUNCTIONAL SUPERVISOR
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

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12-7-15
PLANS APPROVAL DATE

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ROADSIDE SIGN QUANTITIES

SHEET No.	(N) REMOVE ROADSIDE SIGN	TREATED WOOD WASTE
	EA	LB
S-I TO S-6	98	5406

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No. (X-X)	SIGN CODE	SIGN MESSAGE	(N) STEEL POST (2")	No. OF POST AND POST SIZE	PANEL SIZE	BACKGROUND		LEGEND		GRAFFITI FILM	FURNISH SINGLE SHEET ALUMINUM SIGN		FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI)				ROADSIDE SIGN - ONE POST	ROADSIDE SIGN - TWO POST	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST)	RELOCATE ROADSIDE SIGN	RESET ROADSIDE SIGN	(N) REMAIN IN PLACE	REMOVE ROADSIDE SIGN	REMOVE ROADSIDE SIGN (SSBM)	INSTALL SIGN (SSBM)	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	FURNISH LAMINATED PANEL SIGN		RETROREFLECTIVE SHEETING (TYPE XI)
							SHEETING COLOR	RETRO-REFLECTIVITY ASTM TYPE	SHEETING COLOR	RETRO-REFLECTIVITY ASTM TYPE	PREMIUM	(0.063"-UNFRAMED)	(0.080"-UNFRAMED)	(0.063"-UNFRAMED)	(0.080"-UNFRAMED)	(0.063"-FRAMED)	(0.080"-FRAMED)											(1"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI)	(2 1/2"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI)	
				EA								SQFT	SQFT	SQFT	SQFT	SQFT	SQFT	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	SQFT	SQFT	SQFT
S-5	S5-90	R3-1	RIGHT TURN PROHIBITION		1-4" x 4"	24" x 24"	WHITE	IX	BLACK		X	4.00						1												
	S5-91	W12-2a	LOW CLEARANCE 16'-00" ***			78" x 12"	YELLOW	XI	BLACK							13.00														13.00
	S5-92	G86-13(CA)	CASITAS PASS Rd NEXT EXIT/ EXIT 86 A																				1							
		G72(CA)	CARPINTERIA STATE BEACH																											
	S5-93	G86-13(CA)	CASITAS PASS Rd NEXT EXIT/ EXIT 86 A		2-TYPE L L22'-R22'	240" x 90"	GREEN	XI	WHITE	XI																			150.00	150.00
		G72(CA)	CARPINTERIA STATE BEACH			132 x 48"	BROWN	XI	WHITE	XI	X									1								44.00		44.00
S-6	S6-1	G11-1(CA)	FRANKLIN CREEK (BRIDGE 51-51 PM 3.32)																				1							
	S6-2	G11-1(CA)	FRANKLIN CREEK (BRIDGE 51-51 PM 3.32)																				1							
	S6-3	G85-11(CA)	LINDEN AVE ↗		2-TYPE M L21'-R21'	114" x 90"	GREEN	XI	WHITE	XI										1								71.25		71.25
	S6-4	G85-11(CA)	LINDEN AVE ↗																					1						
	S6-5	W13-2	EXIT 25 MPH																					1						
	S6-6	W3-3	SIGNAL AHEAD SYMBOL		1-6" x 6"	48" X 48"	YELLOW	XI	B/R	XI	X				16.00			1												16.00
	S6-7	G84-2(CA)	EXIT 86 B WITH ARROW		1-6" x 6"	48" x 60"	GREEN	XI	WHITE	XI	X				20.00			1												20.00
	S6-8	G84-2(CA)	EXIT 86 B WITH ARROW																					1						
	S6-9	R61-19(CA)	INTERSECTION LANE CONTROAL		1-4" x 6"	48" x 36"	WHITE	IX	BLACK		x		24.00					2												
	S6-10	W3-1	STOP AHEAD																					1						
	S6-11	W12-2	LOW CLEARANCE 15'-6"(WITH ARROW)																					1						
		W34A (CA)	1/2 MILE AHEAD																											
	S6-12	W12-2	LOW CLEARANCE 16'-00"(WITH ARROW)		2-4" x 6"	48" x 48"	YELLOW	XI	BLACK		X				16.00				1											16.00
		W34A (CA)	1/2 MILE AHEAD			48" x 36"	YELLOW	XI	BLACK		X				12.00															12.00
SUBTOTAL SHEET SQ-1												24.83	51.76	36.00	48.00	30.00	22.50	12	2	2	1	2		11			1	175.50	165.00	477.00
SUBTOTAL SHEET SQ-2												86.27		182.00	76.50			25						2						258.50
SUBTOTAL SHEET SQ-3												73.31		31.38	16.00		12.75	11			1			10	1					60.13
SUBTOTAL SHEET SQ-4												38.67		38.25	44.50	7.50	12.75	7			2	2		11	1	1				103.00
SUBTOTAL SHEET SQ-5												40.03		54.75	76.25		12.75	7			3	1		11	1	1				143.75
SUBTOTAL SHEET SQ-6												19.25		28.85	34.00	20.50		6	1	2	1	2		15			1	112.50	153.00	348.85
SUBTOTAL SHEET SQ-7												45.93		88.75	44.00	30.00		16	2	1	1			6	1				140.25	303.00
SUBTOTAL SHEET SQ-8												45.08		98.33	16.00			18			1			9						114.33
SUBTOTAL SHEET SQ-9												97.30		62.00	64.25			15			3			9						126.25
SUBTOTAL SHEET SQ-10												63.25	24.00	54.25	17.50			14			1	1		10	4		1			71.75
TOTAL SHEET SD-8																														137.50
SUBTOTAL												537.92	99.76	674.56	501.00	101.00	60.75	136	6	7	14	8		100	8	2	3	403.25	608.25	2,486.31
TOTAL												537.92	99.76	674.56	501.00	101.00	60.75	136	6	7	14	8		100	8	2	3	403.25	608.25	2,486.31

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*** - BRIDGE MOUNTED SIGN

SIGN QUANTITIES

SQ-11

REVISED BY | DATE REVISED
GURMIT GILL | FAWZI YAGHMOUR
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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REGISTERED CIVIL ENGINEER 12-4-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER AMIR SAEDI No. 56083 Exp. 12-31-16 CIVIL STATE OF CALIFORNIA

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REMOVE BARRIER

SHEET No.	STATION	REMOVE BARRIER LF
L-1, L-2	"US101" 116+00 TO 128+72 L+	1,272
L-1, L-2	"US101" 116+00 TO 128+64 R+	1,264
L-2 TO L-6	"US101" 129+91 TO 166+25 L+	3,634
L-2 TO L-6	"US101" 130+00 TO 166+25 R+	3,625
TOTAL		9,795

REMOVE GUARDRAIL

SHEET No.	LOCATION	LF
L-1	59′ L+ "US101" 116+75 TO 59′ L+ "US101" 124+50	778
L-2	56′ R+ "US101" 127+89 TO 52′ R+ "US101" 128+66	77
L-2	58′ L+ "US101" 129+91 TO 63′ L+ "US101" 131+15	125
L-3	58′ R+ "US101" 138+63 TO 51′ R+ "US101" 139+41	79
L-3	51′ L+ "US101" 139+69 TO 57′ L+ "US101" 140+30	63
L-5	17′ L+ "LI1" 161+59 TO 9′ L+ "LI1" 162+44	89
L-3	48′ R+ "CASITAS1" 13+91 TO 16′ R+ "CASITAS1" 14+08	38
L-3	19′ L+ "CASITAS1" 14+05 TO 36′ L+ "CASITAS1" 13+85	27
L-3	14′ R+ "CASITAS1" 16+06 TO 18′ R+ "CASITAS1" 16+32	27
L-3	25′ L+ "CASITAS1" 16+09 TO 54′ L+ "CASITAS1" 16+32	40
L-3	59′ L+ "CASITAS1" 16+90 TO 42′ L+ "CASITAS1" 17+20	38
L-5	33′ R+ "LINDEN1" 12+79 TO 5′ L+ "LINDEN1" 16+42	375
L-6	52′ R+ "US101" 173+69 TO 51′ R+ "US101" 174+45	77
TOTAL		1,833

REMOVE FENCE AND GATE

SHEET No.	STATION	REMOVE CHAIN LINK FENCE LF	REMOVE GATE EA
L-1	87′ L+ "US101" 120+87 TO 91′ L+ "US101" 124+47	380	
L-1, L-2	20′ L+ "VIAREAL1" 122+44 TO 60′ L+ 128+82	670	
L-2	98′ L+ "US101" 128+43 TO 62′ L+ "US101" 128+77	70	
L-2	"US101" 128+78	30	
L-2	62′ L+ "US101"129+84 TO 109′ L+ "US101" 129+89	70	
L-2	"US101" 129+80	30	
L-2	"VIAREAL1" 129+85	20	
L-2, L-3	170′ R+ "VIAREAL1" 130+22 TO 41′ R+ "CASITAS1" 17+68	1,320	
L-3	44′ R+ "CASITAS1" 18+14 TO 24′ R+ "CASITAS1" 19+07	120	
L-3	22′ R+ "CASITAS1" 19+24 TO 57′ R+ "CASITAS1" 20+04	90	4
L-3, L-4	53′ L+ "VIAREAL1" 140+26 TO 19′ L+ "VIAREAL1" 153+22	1,310	
L-4, L-5	28′ R+ "VIAREAL1" 156+50 TO 69′ R+ "VIAREAL1" 160+95	680	
L-4	51′ L+ "CA2" 147+50 TO 50′ L+ "CA2" 153+50	590	
L-5	94′ L+ "LINDEN1" 15+73 TO 40′ L+ "LINDEN1" 16+50	130	
L-5	90′ R+ "LINDEN1" 16+46 TO 3′ L+ "LINDEN1" 16+53	100	
L-5, L-6	34′ R+ "LI1" 162+79 TO 80′ R+ "US101" 174+85	1,310	
L-5	30′ L+ "LI2" 163+46 TO 29′ R+ "LI2" 164+17	70	
L-6	95′ L+ "US101" 172+50 TO 95′ L+ "US101" 174+70	260	
TOTAL		7,250	4

REMOVE CONCRETE CURB (LF)

SHEET No.	STATION	LF	TYPE
L-2, L-3	"CA1" 136+96 L+ TO "CASITAS1" 15+63 R+	454	A1
L-2, L-3	"CA3" 135+37 R+ TO "CA3" 138+88 L+	351	A1
L-3	"CASITAS1" 14+03 L+ TO "CA2" 144+32 R+	478	A1
L-3	"CA3" 138+88 L+ TO "CASITAS1" 14+52 R+	110	A2
L-3	"CASITAS1" 13+35 TO 13+65 L+	40	A2
L-3	"CASITAS1" 13+40 TO 13+64 R+	33	A2
L-4	"VIAREAL1" 150+57 TO 150+67 R+	52	A2
L-5	"LI1" 159+60 TO 161+05 L+	158	A2
L-5	"LI1" 161+05 L+ TO "LINDEN1" 18+65 R+	599	A2
L-5	"LINDEN1" 20+30 (ISLAND)	170	A2
L-5	19′ L+ "OGAN1" 159+04 TO 19′ L+ "OGAN1" 159+22	18	A2
L-5	"OGAN1" 161+00 (ISLAND)	195	A2
L-5, L-6	"LI2" 162+42 TO 166+03 L+	396	A2
TOTAL		3,054	

REMOVE CONCRETE (CURB, GUTTER AND SIDEWALK) (LF)

SHEET No.	STATION	LF
L-1, L-2	"VIAREAL1" 123+47 TO 124+59 R+	188
L-3	"CASITAS1" 11+73 TO 13+40 R+	171
L-3	"CASITAS1" 14+03 TO "CASITAS1" 14+52 L+	49
L-3	"CASITAS1" 15+63 TO 16+15 L+	54
L-3	"CASITAS1" 19+25 L+ TO "VIAREAL1" 143+95 R+	601
L-3, L-4	"VIAREAL1" 144+41 TO 148+44 R+	432
L-5	"LINDEN1" 11+75 TO 13+26 L+	154
L-5	"LINDEN1" 13+74 TO "LINDEN1" 16+94 L+	331
L-5	"LINDEN1" 18+74 TO 23+60 L+	490
L-5	"OGAN1" 159+38.50 R+ TO "LINDEN1" 24+16 R+	778
TOTAL		3,248

REMOVE ASPHALT CONCRETE SURFACING

SHEET No.	LOCATION	SQFT
L-2	149′ R+ "VIAREAL1" 125+31 TO 117′ R+ "US101" 129+03	3,050
TOTAL		3,050

REMOVE WOOD FENCE

SHEET No.	LOCATION	LF
L-6	95′ L+ "US101" 170+37 TO 96′ L+ "US101" 172+50	213
TOTAL		213

DESTROY WELL

SHEET No.	LOCATION	EA
U-2	19′ L+ "VIAREAL1" 136+75	1
TOTAL		1

REMOVE CONCRETE ISLAND (PORTIONS) (SQYD)

SHEET No.	STATION	SQYD
L-3	"CASITAS1" 12+35 TO 13+20	200
L-5	"LINDEN1" 24+50	42
TOTAL		242

REMOVE CONCRETE (MISCELLANEOUS) (CY)

SHEET No.	LOCATION	CY
L-3	"VIAREAL1" 140+72 TO 143+66 L+ (BIKE PATH BARRIER)	295
L-3, L-4	"VIAREAL1" 144+72 TO 148+24 L+ (BIKE PATH BARRIER)	353
L-4	"US101" 153+67 R+	65
L-5	"US101" 160+08 R+	36
DQ-11	DRAINAGE	12
TOTAL		761

REMOVE ASPHALT CONCRETE DIKE

SHEET No.	LOCATION	LF
L-3	54.5′ L+ "US101" 139+83 TO 54.5′ L+ "US101" 144+48	465
L-4,L-5	54.5′ L+ "US101" 153+23 TO 52′ L+ "US101" 161+37	814
L-5	19′ L+ "OGAN1" 159+25 TO 49′ L+ "OGAN1" 160+99	193
L-6	12′ L+ "LI2" 166+02 TO 7.9′ L+ "LI2" 168+71	269
L-5,L-6	54′ L+ "US101" 161+79 TO 54′ L+ "US101" 165+92	413
TOTAL		2,154

REMOVE BASE AND SURFACING

SHEET No.	STATION	CY
C-27	"CASITAS1" 12+35.68 TO 13+44.10	41
TOTAL		41

SUMMARY OF QUANTITIES

Q-1

REVISED BY	DATE REVISED
AS	12-04-15
JH	02-26-15
CG	04-25-14

MOHAMMAD ALIASGARIAN — AMIR SAEDI

CALCULATED-DESIGNED BY — CHECKED BY

FUNCTIONAL SUPERVISOR — JAMES R. PERANO

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — DESIGN

Caltrans

LAST REVISION 12-04-15 — DATE PLOTTED => 26-JAN-2016 — TIME PLOTTED => 14:20

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	350	786

REGISTERED CIVIL ENGINEER 12-4-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER AMIR SAEDI No. 56083 Exp. 12-31-16 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

BARRIERS

SHEET No.	STATION	SIDE	CONCRETE BARRIER (TYPE 60)	CONCRETE BARRIER (TYPE 60C)	CONCRETE BARRIER (TYPE 60F)	CONCRETE BARRIER (TYPE 80 MODIFIED)	CONCRETE BARRIER (TYPE 736B MODIFIED)	CONCRETE BARRIER (TYPE 732B MODIFIED)	SINGLE THRIE BEAM BARRIER (STEEL POST)	TRANSITION RAILING (TYPE STB)	(N) TEXTURE	BASE BOND BREAKER
			LF	LF	LF	LF	LF	LF	LF	EA	SQFT	SQYD
L-1	"US101" 116+00.00 TO 122.75.00			675							6,102	150
L-1,L-2	"US101" 122+75.00 TO 128+17.00	R†	542								3,859	120
L-1,L-2	"US101" 123+69.50 TO 128+17.00	R†	444								3,161	
L-2,L-3	"US101" 130+17.00 TO 131+52.00	R†	135								961	30
L-2,L-3	"US101" 131+52.00 TO 138+48.56	L†	697								2,844	155
L-2,L-3	"US101" 131+52.00 TO 138+48.56	R†	697								2,844	155
L-3	"US101" 138+87.83 TO 140+56.54				169					2	2,380	94
L-3	"CA2" 140+32.19 TO 140+67.89	R†						35			223	
L-3	"VIAREAL1" 142+00.00 TO 145+01.04	L†					300				2,136	
L-3 TO L-6	"US101" 140+81.54 TO 166+25.00	L†							2,537			
L-3 TO L-6	"US101" 140+81.54 TO 166+25.00	B†							2,550			
L-5 TO L-6	"US101" 164+00.00 TO 166+84.07	L†	263								1,073	
L-5	VIAREAL1" 158+72.10 TO 159+22.42	L†					50				2,136	
L-6	"LI1" 169+00.00 TO 173+25.00	R†	426								1,738	
L-6	"LI2" 165+25.00 TO 168+02.34	L†/R†				339						26
	STRUCTURE PLANS					1,400						
TOTAL			3,204	675	169	1,739	350	35	5,087	2	29,457 (N)	730

(N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

HOT MIX ASPHALT DIKE

SHEET No.	STATION	SIDE	PLACE HOT MIX ASPHALT DIKE (TYPE A)	PLACE HOT MIX ASPHALT DIKE (TYPE E)	HOT MIX ASPHALT (TYPE A)
			LF	LF	TON
D-1	"VIAREAL1" 122+43.59 TO 123+75.00	L†		131	3.2
D-2	"VIAREAL1" 136+00.00 TO 136+62.00	L†		62	1.6
D-2, D-3	"CA3" 133+81.95 TO 138+74.16	L†		492	12.1
D-2, D-3	"CA5" 133+19.22 TO "CA1" 140+32.22	R†		243	6.0
D-3, D-4	"CA1" 149+25.00 TO 152+24.16	R†		299	7.4
D-3, D-4	"CA2" 140+28 TO 146+56.50	L†		629	16.0
D-3	"US101" 140+00.00 TO 140+11.69	L†	11		0.3
D-3	"US101" 142+11.23 TO 142+31.23	L†	20		0.5
D-4	"US101" 153+23.73 TO 153+44.13	L†	20		0.5
D-4	"US101" 156+65.54 TO 156+85.93	L†	20		0.5
D-5	"US101" 159+16.03 TO 159+36.44	L†	14		0.4
D-5	"US101" 160+48.66 TO 160+70.29	L†	21		0.6
D-5	"US101" 162+14.41 TO 162+35.34	L†	21		0.5
D-5	"US101" 163+95.83 TO 164+16.33	L†	20		0.5
D-5	"LI1" 160+28.56 TO 162+46.80	R†		202	5.1
TOTAL			147	2,058	55.2*

* QUANTITY INCLUDED IN HOT MIX ASPHALT QUANTITIES, SEE SHEET Q-3.

MIDWEST GUARDRAIL SYSTEM

SHEET No.	LOCATION	SIDE	TRANSITION RAILING (TYPE WB-31)	END ANCHOR ASSEMBLY (TYPE SFT)	ALTERNATIVE IN-LINE TERMINAL SYSTEM	MIDWEST GUARDRAIL SYSTEM (8' POST)	ALTERNATIVE CRASH CUSHION SYSTEM	(N) BURIED POST END ANCHOR	(N) END CAP (TYPE A)	ALTERNATIVE FLARED TERMINAL SYSTEM	VEGETATION CONTROL (MINOR Conc)	(N) LAYOUT TYPE
			EA	EA	EA	LF	EA	EA	EA	EA	SQYD	
L-1	"US101" 123+69.50 END BARRIER	R†					1					
L-1,L-2	"US101" 120+67.58 TO "CA3" 128+18.82	L†		1		762.5			1		296.6	12DD
L-2	"CA3" 130+43.86 TO 133+32.23	L†	1			287.5		1			121.8	12C
L-2	"VIAREAL1" 126+94.37 TO 127+69.38	L†	1		1	75.0					62.4	12A
L-2	"VIAREAL1" 130+16.00	L†	1							1	43.1	12B
L-2,L-3	"CA3" 135+63.58 TO 138+97.62	R†		1		337.5			1		131.3	12DD
L-2,L-3	"VIAREAL1" 136+76.36 TO 139+06.77	L†			1	237.5			1		115.6	
L-3	"CA2" 140+92.79 TO 141+92.40	L†	1		1	100.0					72.0	12A
L-4	"US101" 148+38.62 TO 156+63.00	R†		1	1	737.5					309.9	11A
L-5,L-6	"LI1" 164+15.04 TO 168+75.16	R†	1			462.5				1	223.0	12B
L-6	"LI2" 168+27.51 TO 171+52.75	L†	1		1	325.0					159.6	12A
L-6	"LI2" 166+87.50	R†					1				24.7	
TOTAL			6	3	5	3,325.0	2			2	1,560.0	

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PCC DIKE

SHEET No.	STATION	SIDE	(N) PORTLAND CEMENT CONCRETE DIKE TYPE A	TYPE C	TYPE E	TYPE F	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)
			LF	LF	LF	LF	CY
D-2	"CA3" 130+18.50 TO 131+00.00	L†				81.5	2.1
D-2	"CA3" 132+18.75 TO 133+25.00	L†		106.3			2.0
D-2, D-3	"CA3" 133+25.00 TO 133+81.95	L†			57.0		2.2
D-2, D-3	"US101" 135+51.40 TO 139+00.00	L†			348.6		13.2
D-3	"US101" 139+89.46 TO 140+12.43	L†	27.0				1.1
D-3	"US101" 142+08.49 TO 142+31.03	L†	27.5				1.1
D-2, D-3	"CA1" 137+90.00 TO 140+32.22	R†			236.7		9.0
D-3, D-4	"CA1" 141+14.60 TO 149+25.00	R†			810.4		30.8
D-4	"CA2" 146+56.50 TO 151+09.90	L†			453.4		17.2
D-5	"LI1" 162+46.80 TO 163+75.00	R†			128.2		4.9
		L†					
TOTAL			54.5	106.3	2034.3	81.5	83.6*

(N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.
* QUANTITY INCLUDED IN CONCRETE QUANTITIES, SEE SHEET Q-4.

SUMMARY OF QUANTITIES

Q-2

REVISED BY	DATE REVISED	CALCULATED-DESIGNED BY	CHECKED BY	FUNCTIONAL SUPERVISOR
AS	12-04-15	MOHAMMAD ALIASGARIAN	AMIR SAEDI	JAMES R. PERANO
JH	03-02-15			
MT	07-29-14			

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DESIGN

LAST REVISION 12-04-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:20

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	351	786

REGISTERED CIVIL ENGINEER 12-4-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER AMIR SAEDI No. 56083 Exp. 12-31-16 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES (THIS SHEET ONLY):

1. SEE CONSTRUCTION DETAILS SHEETS FOR LIMITS OF INTERSECTIONS.
2. FOR BIKE PATH FROM "BIKE1" 99+75.00 TO 103+97.58, SEE CONCRETE QUANTITIES.

EARTHWORK

SHEET No.	LOCATION/STATION	ROADWAY EXCAVATION	(N) EMBANKMENT	Rdwy Exc (TYPE Y-1) (AERIALLY DEPOSITED LEAD)	IMPORTED BORROW (CY) **
		CY	CY	CY	
L-1 TO L-3	"US101" 116+00.00 TO 141+70.64	12,782	44,241		
L-3, L-4	"US101" 144+49.07 Lt TO 149+89.61 Lt	1,445			
L-4, L-5	"US101" 159+90.08 Rt TO 167+25.99 Rt	1,733	273		
L-3 TO L-6	"US101" 141+70.00 TO 175+00.00(MEDIAN)	2,667	15		
	"US101" 134+75 TO 144+50 (Lt Shld)			1,121	
	"US101" 139+75 TO 153+40 (Rt Shld)			1,634	
	"US101" 140+00 TO 166+20 (MEDIAN)			5,310	
L-2 TO L-4	"CA1" 134+50.89 TO 152+24.16	9,803	1		
L-3, L-4	"CA2" 140+28.00 TO 153+50.00	8,614	213		
	"CA2" 139+75 TO 143+69			384	
	"CA2" 148+05 TO "LI2" 166+00 (Lt Shld)			2,005	
L-2, L-3	"CA3" 130+18.50 TO 138+74.16	2,395	1,372		
	"CA3" 135+85 TO 139+39			357	
L-2	"CA4" 130+18.50 TO 135+16.89	1,927	1,590		
L-2	"CA5" 133+19.22 TO 136+09.51	2,600	0		
L-5, L-6	"LI1" 160+71.28 TO 174+47.00	3,972	682		
L-5, L-6	"LI2" 161+82.60 TO 171+54.47	1,717	2,626		
L-6	"US101" 165+95.00 TO 167+34.00 Lt	127			
L-3	"CASITAS1" 11+74.00 TO 20+05.00	718	637		
L-5	"LINDEN1" 11+50.00 TO 24+18.46	1,910	5,533		
L-1 TO L-5	"VIAREAL1" 122+43.59 TO 159+22.42	12,709	13,587		
	"VIAREAL1" 147+36 TO 156+92 Lt			865	
	"VIAREAL1" 155+02 TO "US101" 160+00 Rt			613	
L-5	"OGAN1" 159+04.26 TO 160+56.29	949	5		
L-5	"OGAN2" 160+16.43 TO 162+06.46	893	354		
L-5	"RABCA1" 10+00.00 TO 12+63.89 (INCLUDES TRUCK APRON, LI1, VIAREAL)	1,711	439		
	INTERSECTION RETURNS				
C-4,C-5	CASITAS PASS Rd/SB RAMPS	1,150			
C-6 TO C-9	VIAREAL/CASITAS PASS Rd	1,682			
C-13	OGAN Rd/LINDEN Ave	258			
C-16	LINDEN Ave/SB OFF RAMP	163			
	OTHER AREAS				
L-1, L-2	"MHP1" 10+12.50 TO 11+96.28	451			
L-2,L-3	"BIKE1"99+75.00 TO 113+83.66	1,734	1,605		
G-3	GRADE 1 AREA	971	1,120		
G-1	GRADE 5 AREA	144	324		
G-1	CARPINTERIA CREEK AREA	5,021	488		
G-2	CASITAS ABUTMENT 1 SLOPE AREA	971			
G-2	CASITAS ABUTMENT 3 SLOPE AREA	1,472	5		
G-3	LINDEN ABUTMENT 1 SLOPE AREA	992	341		
G-3	LINDEN ABUTMENT 3 SLOPE AREA	669	559		
G-1	TEAR DROP	4,975	2,080		
Var	ROCK BLANKET	2.2			
G-1	CARPINTERIA CREEK ABUTMENT 2 AREA	9	47		
DQ-10	CARPINTERIA CREEK	2,000			1,510
SCQ-1	STAGE CONSTRUCTION (STAGE 1 THRU 7)	10,158	2,965		
	TOTAL	101,492.2	81,102 (N)	12,289	1,510

(N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.
* FOR ROCK BLANKET QUANTITIES, SEE SHEET Q-6.
** IMPORTED BORROW FOR CARPINTERIA CREEK ONLY.

PAVEMENT STRUCTURE

SHEET No.	LOCATION/STATION	COLD PLANE ASPHALT CONCRETE PAVEMENT	CLASS 1 AGGREGATE SUBBASE	CLASS 2 AGGREGATE BASE	LEAN CONCRETE BASE RAPID SETTING	HOT MIX ASPHALT (TYPE A)	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT **	JOINTED PLAIN CONCRETE PAVEMENT
		SQYD	CY	CY	CY	TON	CY	CY
L-1 TO L-3	"US101" 116+00.00 TO 141+70.64		14,112			4,048	9,106	
L-2 TO L-4	"CA1" 134+50.89 TO 152+24.16		1,875		240	864	859	
L-2	"CA4" 130+18.50 TO 135+16.89		657		313	613	285	
L-2	"CA5"/"CA15" 133+19.22 TO 136+09.51		379		157	306	242	
L-2, L-3	"CA3" 130+18.50 TO 138+74.16		853		233	562		
L-3, L-4	"CA2" 140+28.00 TO 153+50.00		1,217		376	859		
L-5, L-6	"LI1" 160+16.43 TO 174+47.00		1,375		99	533	773	
L-5, L-6	"LI2" 161+82.60 TO 171+54.47		980		273	689	357	
L-1 TO L-2	"MHP1" Sta 10+12.50 TO Sta 11+96.28			224		308		
L-3	"CASITAS1" 11+74.00 TO 20+05.00	930		1,068		1,141		
L-5	"LINDEN1" 11+50.00 TO 24+18.46			1,756		1,659		
L-1 TO L-5	"VIAREAL1" 122+43.59 TO 159+22.42	1,852		3,764		4,265		
L-5	"OGAN1" 159+04.26 TO 160+56.29		250		100	176		
L-5	"OGAN2" 160+16.43 TO 162+06.46		367		147	258		
L-5	"RABCA1" 10+00.00 TO 12+63.88 (INCLUDES TRUCK APRON, LI1, VIAREAL)		752	69	335	515		79.7
	INTERSECTIONS							
C-4,C-5	CASITAS PASS Rd/SB RAMPS			437		495		
C-6 TO C-9	VIAREAL/CASITAS PASS Rd			639		724		
C-13	OGAN Rd/LINDEN Ave			111		126		
C-11,12	LINDEN Ave/SB OFF RAMP			70		80		
	OTHER AREAS							
Var	MINOR Conc (EXPOSED AGGREGATE Conc)		678					
Var	ALL SIDEWALKS			679				
L-2	ACCESS ROAD SBCFCD			115				
L-2,L-3	"BIKE1" 103+97.58 TO 113+57.89			358		64		
L-3 TO L-5	"US101"/"CA2" 144+51.24 TO 160+45.81		546			115		
L-5 TO L-6	"US101"NORTH 158+27.35 TO 167+25.99		644			163	264	
L-6	"US101" 165+95 TO 167+34		76				375	
L-2	BUS POCKET "VIAREAL1"			38				
Q-2	HMA DIKE					56		
Q-6	ROCK BLANKET				48.4			
DQ-10	APRONS					26		
	PAVEMENT EDGE TREATMENT							
L-1	"US101" 116+93 TO 123+31 Rt						16	
L-2	"US101" 130+70 TO 136+05 Rt						14	
L-1	"US101" 116+00 TO 120+92 Lt						13	
L-3 TO L-6	"US101" 141+70 TO 175+00 MEDIAN		2,129			1,263		
SCQ-1	STAGE CONSTRUCTION (STAGE 1 THRU 7)			8,246		5,412		
L-1	"US101" 116+00 TO 122+75 (SAFETY EDGE)						22	
L-2	"US101" 130+70 TO 136+05 (SAFETY EDGE)						17	
	TOTAL	2,782	26,890	17,574	2,321.4	25,320	12,343	79.7

* FOR ROCK BLANKET QUANTITIES, SEE SHEET Q-6
** FOR CRCP JOINT QUANTITIES (N), SEE SHEET Q-5.

SUMMARY OF QUANTITIES

Q-3

AS	12-04-15		
JH	03-02-15		
CG	07-31-14	REVISED BY	DATE REVISED
MOHAMMAD ALIASGARIAN	AMIR SAEDI	CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	JAMES R. PERANO		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

LAST REVISION 12-04-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:20

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	352	786

REGISTERED CIVIL ENGINEER 12-4-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER AMIR SAEDI No. 56083 Exp. 12-31-16 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

MINOR CONCRETE

SHEET No.	LOCATION/STATION	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION) CY	MINOR CONCRETE (CURB) (CY) CY	(N) MINOR CONCRETE (CURB) TYPE	MINOR CONCRETE (DRIVEWAY) CY	MINOR CONCRETE (SIDEWALK) CY	MINOR CONCRETE (BUS POCKET) CY	MINOR CONCRETE (GUTTER) CY	BAR REINFORCING STEEL LB
L-1,L-2	"MHP1" 10+08.82 to 12+10.43 R+	10.0	2.8	A2-6	8.0				
L-1,L-2	"MHP1" 10+06.86 TO 12+12.82 L+		4.7	A1-6		9.7			
L-1,L-2	"VIAREAL1" 122+43.59 TO 127+96.63 R+		29.7	A2-6		29.8			
L-1	"VIAREAL1" 123+69.40 TO 124+44.80	1.0							
L-2	"VIAREAL1" 130+10.00 TO 131+00.00 R+		5.3	A2-6		5.6			
L-2	"VIAREAL1" 131+00.00 TO 137+33.31 R+		4.7	A1-6		19.6			
L-2	"VIAREAL1" 136+21.00 TO 137+33.00						32.6		
L-2,L-3	"VIAREAL1" 137+33.31 TO 139+41.52 R+		11.7	A2-6					
	"VIAREAL1" 139+25.15 TO "Casitas1" Sta 20+05 R+					17.1			
L-3	"CASITAS1" 11+74 TO 19+28 L+		22.1	A2-6		15.8			
L-3	"CASITAS1" 11+72.00 TO 12+06.00 R+				7.0				
L-3	"CASITAS1" 12+65.00 TO 12+98.00 R+				7.1				
L-3	"CASITAS1" 19+50.00 TO 19+74.00 R+				8.7				
L-3	"CASITAS1" 11+74 TO 20+05 R+		19.9	A2-6		11.3			
L-3 TO L-5	"VIAREAL1" 140+61.52 TO 159+22.42 L+		109.6	A2-6					
L-3	"VIAREAL1" 140+66.50 TO 143+97.30 R+		20.0	A2-6		15.2			
L-3,L-4	"VIAREAL1" 144+38.11 TO 150+13.07 R+		29.8	A2-6		32.5			
L-4	"VIAREAL1" 148+58.00 TO 148+74.00 R+				4.1				
L-4	"CA2" 149+75 51.64′ L+ TO "CA2" 153+50 47.43′ L+							17.4	
L-4,L-5	"VIAREAL1" 150+62.97 TO "OGAN1"159+04.26 R+		67.4	A2-6		66.1			
L-5	"OGAN1" 159+38.5 TO "LINDEN1" 24+11.58 R+		42.0	A2-6		73.6			
L-5	"LI1" 160+28.44 R+ TO "OGAN2" 162+30.82 L+		15.9	A2-6					
L-5	"LINDEN1" 12+12.00 TO 16+20.11 R+		10.8	A1-6		43.2			
L-5	"LINDEN1" 18+99.60 TO 19+76.01 R+		2.0	A1-6		8.3			
L-5	"LINDEN1" 11+75.00 TO 15+46.51 L+		19.4	A2-6		35.3			
L-5	"LINDEN1" 13+20.00 TO 13+68.00 L+				5.6				
L-5	"LINDEN1" 19+06.99 TO 23+53.33 L+		26.1	A2-6		45.5			
L-3	"CASITAS1" 12+35.00 TO 13+43.00		5.9	B1-6					
L-5	"OGAN 2" 160+16.73 TO 161+21.01 L+, R+ (ISLAND)		5.8	A1-6					
L-5	"VIAREAL1" 160+11.20 TO 160+65.13 L+, R+ (ISLAND)		3.2	A1-6					
L-5	"OGAN1" 159+96.85 TO 160+20.67 L+, R+ (ISLAND)		1.4	A1-6					
L-5	"OGAN1" 160+30.67 TO 160+56.29 L+, R+ (ISLAND)		1.7	A1-6					
L-5	"RABCA1" 10+00 TO 12+63.89 10′ L+		5.2	A1-6					
L-5	"RABCA1" 10+00 TO 12+63.89 0′ L+		18.0	D-6					
L-6	"LI1" 175+00.00 TO 175+20.52 R+							2.3	
Var	PCC DIKE	83.6							
L-2	"BIKE1" 99+75.00 TO 103+97.58					55.2			
C-38	STAIRCASE								
Var	APRONS (FROM DQ-10)	0.9							
C-8	PCC CROSS GUTTER							27.7	3,131
DQ-10	DRAINAGE (DQ-10)								22,321
TOTAL		95.5	485.1		40.5	483.9	32.6	47.4	25,452

FOR VEGETATION CONTROL QUANTITIES, SEE SHEET Q-2.
* FOR STAIRCASE QUANTITIES, SEE SHEET Q-6.
(N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

PREPARE AND PAINT CONCRETE

SHEET No.	LOCATION	SQFT
L-2	MCEA2 / CASITAS PASS Rd NB OFF RAMP	2,653
TOTAL		2,653

CURB RAMPS

SHEET No.	LOCATION	CURB RAMP IDENTIFICATION CY	MINOR CONCRETE (CURB RAMP) CY	DETECTABLE WARNING SURFACE SQFT
C-2	"CASITAS1"/"CA2" - NW	CR #1	5.4	39.1
C-2	"CASITAS1"/"CA2" - NE	CR #2	3.1	24.5
C-3	"CASITAS1"/"CA3" - SW	CR #3	4.3	43.9
C-3	"CASITAS1"/"CA3" - SE	CR #4	3.2	28.7
C-4	"CASITAS1"/"VIAREAL1" - NW	CR #5	3.9	17.2
C-5	"CASITAS1"/"VIAREAL1" - NE	CR #6 & CR #7	8.4	63.6
C-6	"CASITAS1"/"VIAREAL1" - SW	CR #8	3.7	16.4
C-7	"CASITAS1"/"VIAREAL1" - SE	CR #9 & CR #10	6.0	24.0
C-8	"VIAREAL1"/HALES Ln - SE	CR #11	3.6	41.4
C-8	"VIAREAL1"/HALES Ln - NE	CR #12	3.7	40.0
C-9	"VIAREAL1"/"VALLECITO1" - SE	CR #13	5.6	52.3
C-9	"VIAREAL1"/"VALLECITO1" - NE	CR #14	4.8	39.2
C-10	"OGAN1" - L+	CR #15	3.4	32.4
C-10	"OGAN1" - R+	CR #16	2.8	30.1
C-10	"MHP1"	CR #17	2.1	25.2
C-11	"LINDEN1"/"OGAN2" - SE	CR #18	5.1	89.6
C-12	"LINDEN1"/"OGAN2" - NE	CR #19	9.3	83.0
C-13	"LINDEN1"/"LI2" - NW	CR #20	8.0	104.2
C-13	"LINDEN1"/"LI2" - NE	CR #21	3.5	29.8
C-14	NIPOMO Dr/"LINDEN1" - NW	CR #22	5.4	88.9
C-14	NIPOMO Dr/"LINDEN1" - SW	CR #23	4.2	30.1
C-10	"MHP1" PARKING	CR #24	1.1	12.6
	"OGAN1" ISLAND			39.7
TOTAL			100.5	995.9

MINOR CONCRETE (EXPOSED AGGREGATE CONCRETE)

SHEET No.	LOCATION	MINOR CONCRETE (EXPOSED AGGREGATE CONCRETE) SQFT	(N) WELDED WIRE REINFORCEMENT SQFT	CLASS 1 AGGREGATE SUBBASE CY
L-2	MCEA1 / CASITAS PASS Rd SB ON RAMP	2,653	2,653	206.8
L-2	MCEA2 / CASITAS PASS Rd NB OFF RAMP	848	848	73.3
L-2	MCEA3 / CASITAS PASS Rd NB ON RAMP	922	922	71.7
L-3,L-4	MCEA4 / CASITAS PASS Rd SB OFF RAMP	1,885	1,885	146.6
L-5	MCEA5 / LINDEN Ave NB ON RAMP	1,223	1,223	81.5
L-6	MCEA6 / LINDEN Ave SB OFF RAMP	893	1,470	98.1
TOTAL		8,424		678*

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* QUANTITY INCLUDED IN THE PAVEMENT STRUCTURE QUANTITIES, SEE SHEET Q-3.

SUMMARY OF QUANTITIES
Q-4

REVISED BY	DATE REVISED
AS	12-04-15
JH	07-31-14

CALCULATED-DESIGNED BY: MOHAMMAD ALIASGARIAN
CHECKED BY: AMIR SAEDI
FUNCTIONAL SUPERVISOR: JAMES R. PERANO

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
DESIGN

LAST REVISION 12-04-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:20

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	353	786

REGISTERED CIVIL ENGINEER 12-4-15 DATE

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER AMIR SAEDI No. 56083 Exp. 12-31-16 CIVIL STATE OF CALIFORNIA

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TACK COAT

SHEET No.	LOCATION	TON
L-1 TO L-6	ROUTE 101	1.76
L-1 TO L-5	VIA REAL	15.26
L-2	CASITAS NB ON RAMP	0.91
L-2, L-3	CASITAS SB ON RAMP	0.58
L-2, L-3	CASITAS NB OFF RAMP	0.72
L-3	CASITAS PASS Rd	1.75
L-3,L-4	CASITAS SB OFF RAMP	0.78
L-5	LINDEN Ave	1.92
L-5	ROUNDABOUT	0.68
L-5,L-6	LINDEN NB ON RAMP	0.22
L-5,L-6	LINDEN SB OFF RAMP	0.32
TOTAL		24.90

TEMPORARY FENCE (TYPE ESA)

SHEET	LOCATION			LENGTH
	STATION	L+	R+	LF
C-46	"VIAREAL1" 124+75 TO 127+25		X	600
C-46	"VIAREAL1" 125+25 TO 126+25		X	130
C-46	"VIAREAL1" 126+50 TO 131+50		X	640
C-46	"CA3" 128+00 TO 129+90	X		310
C-46	"VIAREAL1" 131+60 TO 137+70		X	850
C-47	"CASITAS1" 17+50 TO 20+00		X	380
C-48	"US101" 154+00 TO 155+25	X		225
C-49	"LINDEN1" 19+50 TO 21+50	X		425
C-50	"LI2" 165+30 TO 165+70		X	50
C-50	"LI2" 166+20 TO 166+80		X	80
C-50	"LI2" 167+25 TO 167+70		X	60
TOTAL				3,750

SURVEY MONUMENTS

SHEET No.	STATION	PM	DESIGNATION	SURVEY MONUMENT (TYPE A)
				EA
L-1	4.25' R+ "US101" 117+76.70	2.23	25-2	1
L-2	"US101" 125+44.40	2.38	25-3	1
L-3	56.60' R+ "CASITAS1" 14+14.00	2.64	H-D	1
L-3	20.90' L+ "CASITAS1" 16+06.70	2.87	25-5	1
L-5	24.70' L+ "LI2" 162+73.50	3.24	25-7	1
TOTAL				5

FENCING

SHEET No.	STATION	TEMPORARY FENCE (TYPE CL-6)	CHAIN LINK FENCE (TYPE CL-4, VINYL-CLAD)	CHAIN LINK FENCE (TYPE CL-6, VINYL-CLAD)	CHAIN LINK FENCE (TYPE CL-8, BW POST TOP, VINYL-CLAD)	12' CHAIN LINK GATE (TYPE CL-6, VINYL-CLAD)
		LF	LF	LF	LF	EA
L-1	87' L+ "US101" 120+87 TO 92' L+ "US101" 124+47			380		
L-1,L-2	94' R+ "US101" 122+54 TO 83' R+ "US101" 128+17			555		
L-2	97' L+ "US101" 128+43 TO 72' L+ "US101" 128+47			20		1
L-2	75' L+ "US101" 129+87 TO 110' L+ "US101" 139+90			40		
L-2	21' R+ "CA4" 129+90 TO 78' R+ "CA4" 134+59			460		
L-2,L-3	28' R+ "CA5" 133+41 TO 49' R+ "CA1" 140+12			430		
L-3	43' R+ "CASITAS1" 13+18 TO 39' L+ "CA3" 138+97			40		
L-3	43 L+ "VIAREAL1" 140+65 TO 19' L+ "VIAREAL1" 145+01		436			
L-4	28' R+ "VIAREAL1" 156+17 TO 22' R+ "VIAREAL1" 158+01				190	
L-4	51' L+ "CA2" 147+50 TO 50' L+ "CA2" 153+50	590				
L-5	20' L+ VIAREAL1" 158+72.10 TO 1.7' R+ "LI1" 160+19.36		230	210		
L-5	30' L+ "LI2" 163+46 TO 29' R+ "LI2" 164+17	70		70		
L-5	142' L+ "LINDEN1" 15+39 TO 36' L+ "LINDEN1" 15+84			100		
L-5	39' R+ "LINDEN1" 16+19 TO 91' R+ "LINDEN1" 16+49			100		2
L-5	46' R+ "LI1" 162+51 TO 44 R+ "LI1" 162+81			30		
L-5	40' R+ "LI1" 162+80 to 38' R+ LI1" 175+77	1,300				
L-5,L-6	100' L+ "US101" 170+39 TO 100' L+ "US101" 175+16	480				
	STRUCTURE PLANS		522			
TOTAL		2,440	1,188	2,435	190	3

CONTINUOUSLY REINFORCED CONCRETE PAVEMENT JOINTS

STATION	(N) TERMINAL JOINT C	(N) TERMINAL JOINT D	(N) TERMINAL JOINT E	(N) WIDE FLANGE BEAM TERMINAL JOINT	(N) LEAN CONCRETE BASE
	LF	LF	LF	LF	CY
"US101" 116+00.00		121			
"US101" 116+80.00				121	303
"US101" 127+37.00				149	371
"US101" 128+17.00			156		
"US101" 130+17.00			177		
"US101" 130+97.00				135	338
"US101" 139+20.00				110	275
"US101" 140+00.00		115			
"US101" 140+56.56	32				
"US101" 144+48.70	11				
"US101" 159+90.08	9				
"CA3" 133+81.95	24				
"CA1" 137+90.00	37				
"CA2" 143+56.50	24				
"CA2" 151+40.00	11				
"LI1" 162+80.80	24				
"LI1" 174+47.00	9				
"LI2" 167+36.00	20				

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SUMMARY OF QUANTITIES

Q-5

REVISED BY	DATE REVISED
AS	12-04-15
JH	07-22-14
CG	04-25-14

CALCULATED-DESIGNED BY: MOHAMMAD ALIASGARIAN
CHECKED BY: AMIR SAEDI
FUNCTIONAL SUPERVISOR: JAMES R. PERANO

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DESIGN

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12-7-15
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EXISTING FACILITIES

SHEET No.	LOCATION	ADJUST MANHOLE TO GRADE	ADJUST UTILITY COVER TO GRADE	MODIFY MANHOLE
		EA	EA	EA
U-1	"VIAREAL1" 123+00 R†	1		
U-2	"VIAREAL1" 125+00 R†, 131+75	2		
U-2	"VIAREAL1" 136+75 L†, "CA4" 131+75 R†	1		
U-3	"VIAREAL1" 141+00 L†, 143+50 L†	1	1	
U-3	"VIAREAL1" 144+25, 145+25 L†	2		
U-3	"VIAREAL1" 146+00 L†		1	
U-3	"CASITAS1" 12+10 R†, 12+20 R†	1	1	
U-3	"CASITAS1" 12+40 L†, 12+50 R†		4	
U-3	"CASITAS1" 13+00 L†		2	
U-4	"VIAREAL1" 147+50	1		
U-4	"VIAREAL1" 148+50 L†, R†	1	1	
U-4	"VIAREAL1" 148+80 R†		1	
U-4	"VIAREAL1" 149+50 L†	1		
U-4	"VIAREAL1" 150+10 R†	1	2	
U-4	"VIAREAL1" 150+20 R†	1		
U-5	"LINDEN1" 12+05 L†, R†		2	
U-5	"LINDEN1" 12+50 L†, R†	2		
U-5	"LINDEN1" 16+00 L†		4	
U-5	"LINDEN1" 21+62 R†	1		
U-5	"LINDEN1" 21+80 R†			1
U-5	"LINDEN1" 22+80 R†, 23+50 R†	2		
U-5	"LI1" 160+00 R†	1		
U-5	"OGAN2" 160+50 R†		1	
TOTAL		19	20	1

ROCK BLANKET

SHEET No.	LOCATION/STATION	ROCK BLANKET	LEAN CONCRETE BASE RAPID SETTING	ROADWAY EXCAVATION
		SQFT	CY	CY
L-2	"CA4" 134+74 TO 135+11	662	12.3	
L-2	"VIAREAL1" 135+24 TO 135+34	70	1.3	
L-3	"CASITAS1" 12+36 TO 12+50	40	0.7	
L-3	"CASITAS1" 13+28 TO 13+44	100	1.9	
L-3	"CASITAS1" 14+33 TO 14+50	93	1.7	
L-3	"CASITAS1" 15+94 TO 16+10	92	1.7	
L-3	"CASITAS1" 17+07 TO 17+16	36		0.5
L-5	"VIAREAL1" 158+57 TO 158+82	70		1.0
L-5	"VIAREAL1" 160+11 TO 160+63	410	7.6	
L-5	"OGAN1" 159+56 TO 159+74	50		0.7
L-5	"OGAN1" 159+97 TO 160+20	90	1.7	
L-5	"OGAN1" 160+31 TO 160+53	195	3.6	
L-5	"OGAN2" 160+17 TO 161+21	860	15.9	
TOTAL		2,768	48.4*	2.2**

* QUANTITY INCLUDED IN PAVEMENT STRUCTURES QUANTITIES, SEE SHEET Q-3.
** QUANTITY INCLUDED IN EARTHWORK QUANTITIES, SEE SHEET Q-3.

TEMPORARY WATER POLLUTION CONTROL

SHEET No.	STATION	TEMPORARY LARGE SEDIMENT BARRIER	TEMPORARY FIBER ROLL (TYPE 2)	TEMPORARY CHECK DAM (TYPE 2)	TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)	TEMPORARY CONSTRUCTION ENTRANCE (TYPE 2)	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY GRAVEL BAG BERM	MOVE-IN/MOVE-OUT (TEMPORARY EROSION.CONTROL)	DRAINAGE INLET MARKER
		LF	LF	LF	SQYD	EA	EA	LF	EA	EA
L-1 TO L-6	"US101" 116+00 TO 174+50	1,500	25,600	900	200,000	10	132	10,000	20	139
TOTAL		1,500	25,600	900	200,000	10	132	10,000	20	139

TREE GRATE

SHEET No.	LINE	STATION	SIDE R†	SIDE L†	TREE GRATE	(N) BAR Reinf STEEL
					EA	LB
L-3	"CASITAS1"	12+30	X		1	39.44
L-5	"OGAN2"	160+94	X		1	39.44
	"OGAN2"	161+70	X		1	39.44
	"LINDEN1"	12+60	X		1	39.44
	"LINDEN1"	12+97	X		1	39.44
	"LINDEN1"	13+36	X		1	39.44
	"LINDEN1"	13+75	X		1	39.44
	"LINDEN1"	14+12	X		1	39.44
	"LINDEN1"	14+50	X		1	39.44
	"LINDEN1"	14+96	X		1	39.44
	"LINDEN1"	15+24	X		1	39.44
	"LINDEN1"	19+24	X	X	2	78.88
	"LINDEN1"	19+68	X	X	2	78.88
	"LINDEN1"	21+51	X		1	39.44
	"LINDEN1"	21+92	X		1	39.44
	"LINDEN1"	22+38	X		1	39.44
	"LINDEN1"	22+82	X		1	39.44
	"LINDEN1"	23+24	X		1	39.44
	"LINDEN1"	24+10	X		1	39.44
TOTAL					21	

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STAIRCASE

SHEET No.	LOCATION/STATION	OFFSET L†	OFFSET R†	MINOR CONCRETE (STAIRCASE)	(N) BAR Reinf STEEL	HANDRAILING	(N) HANDRAILING POST
				CY	LB	LF	
C-38	STAIRCASE			22	997	105	
C-38	"STAIR" 5+31.67	3.34	3.34				2
C-38	"STAIR" 5+36.84	3.34	3.34				2
C-38	"STAIR" 5+42.01	3.34	3.34				2
C-38	"STAIR" 5+47.18	3.34	3.34				2
C-38	"STAIR" 5+52.35	3.34	3.34				2
C-38	"STAIR" 5+57.52	3.34	3.34				2
C-38	"STAIR" 5+62.69	3.34	3.34				2
C-38	"STAIR" 5+67.88	3.34	3.34				2
C-38	"STAIR" 5+72.17	7.50	7.50				2
TOTAL				22		105	

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SUMMARY OF QUANTITIES

Q-6

REVISED BY	DATE REVISED
AS	12-04-15
AW	10-21-15
CG	05-08-14

MOHAMMAD ALIASGARIAN — AMIR SAEDI — CALCULATED-DESIGNED BY — CHECKED BY

FUNCTIONAL SUPERVISOR — JAMES R. PERANO

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — DESIGN — Caltrans

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05	SB	101	2.2/3.3	355	786

LICENSED LANDSCAPE ARCHITECT

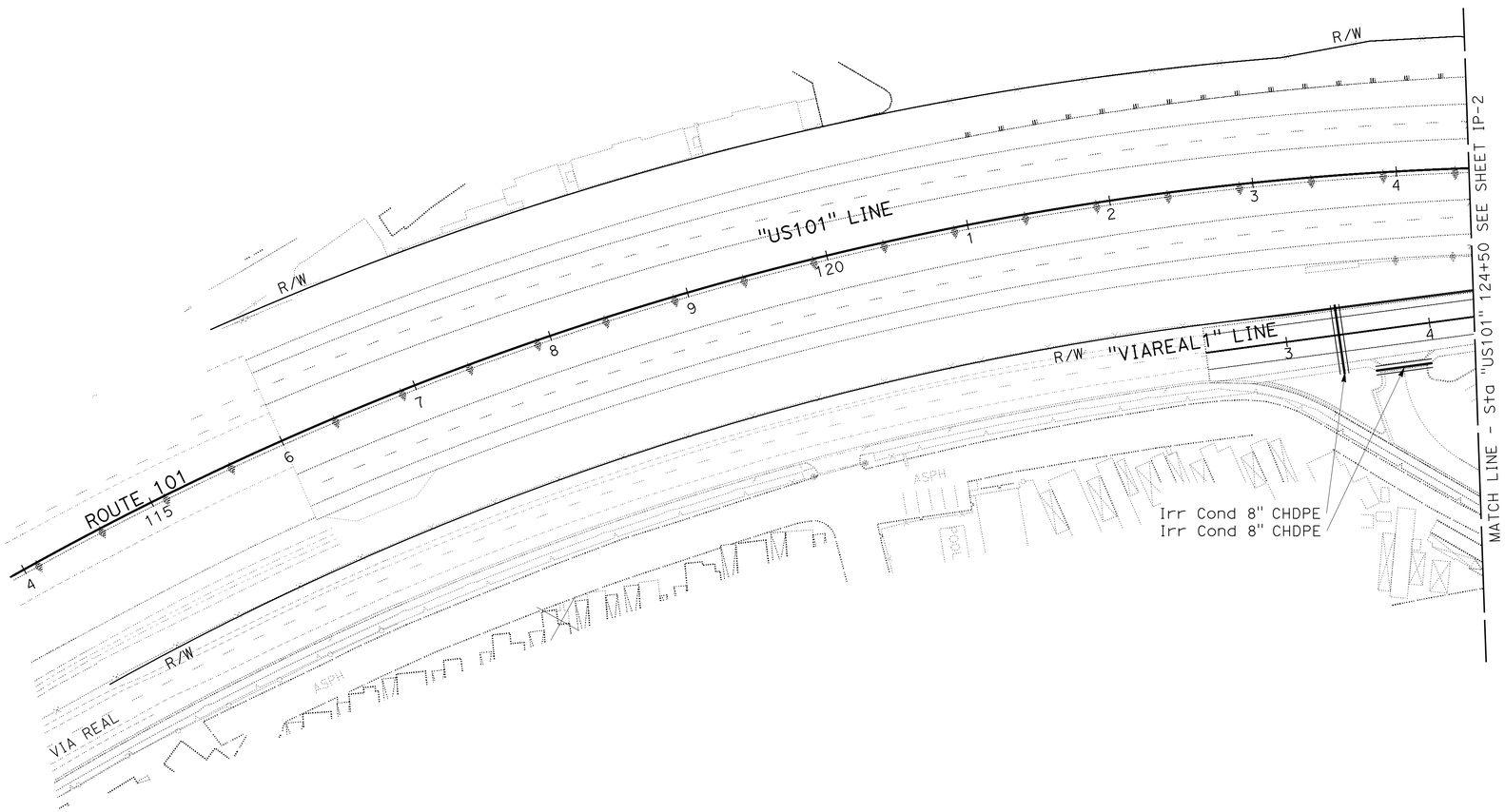
12-7-15
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
David A. Emerson No. 4256
Signature
10-31-17
Renewal date
11-20-15
Date
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



APPROVED FOR IRRIGATION WORK ONLY

IRRIGATION PLAN

SCALE: 1" = 50′ **IP-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT: DENNIS REEVES

CALCULATED-DESIGNED BY: DAVID EMERSON
CHECKED BY: JO JACKSON

REVISED BY
DATE REVISED

LAST REVISION 11-20-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:20

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	356	786

LICENSED LANDSCAPE ARCHITECT

12-7-15
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
David A. Emerson No. 4256
Signature
10-31-17
Renewal date
11-20-15
Date
STATE OF CALIFORNIA

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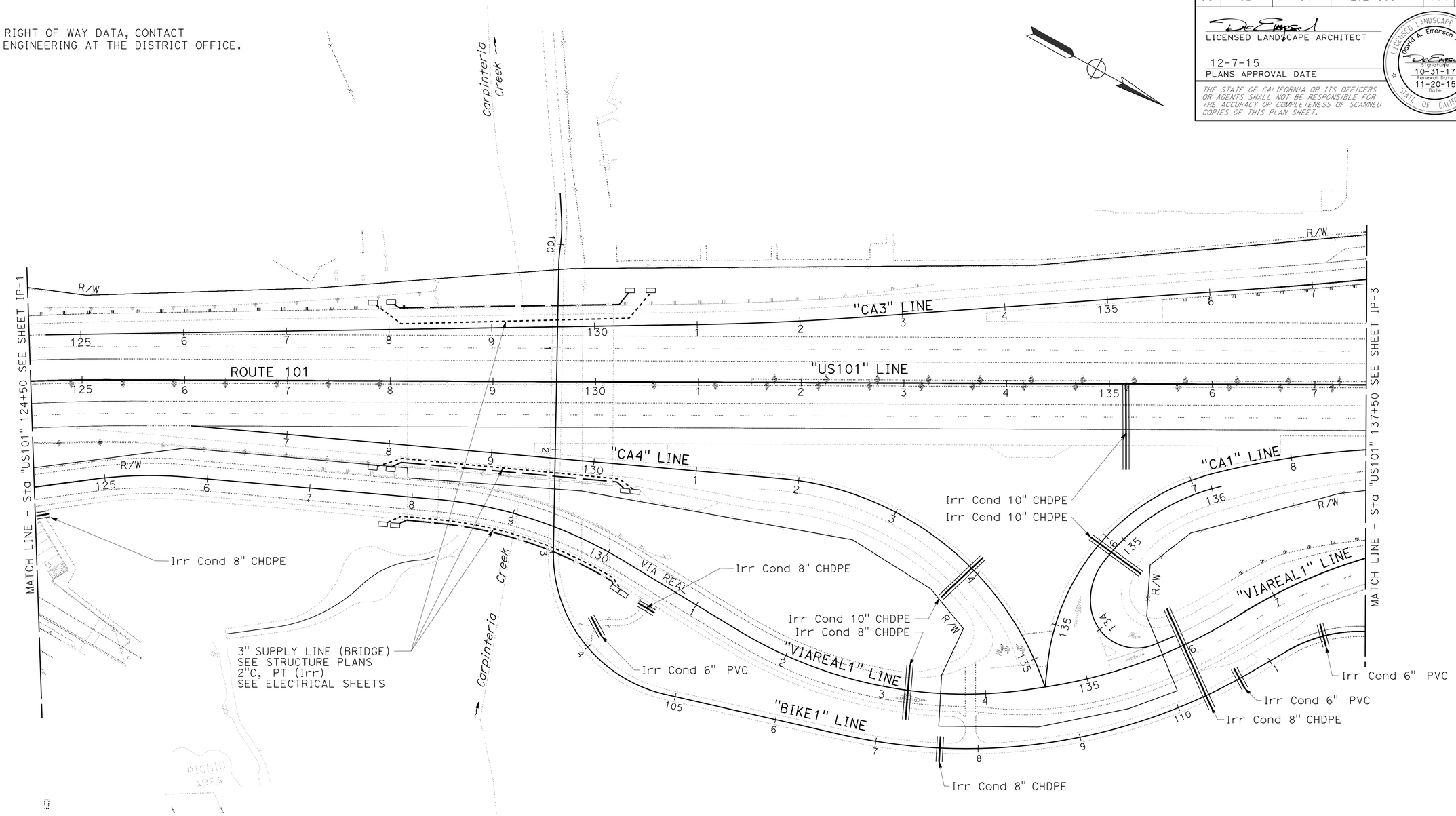

APPROVED FOR IRRIGATION WORK ONLY

IRRIGATION PLAN

SCALE: 1" = 50′ **IP-2**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

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REVISED BY
DATE REVISED

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NOTES:

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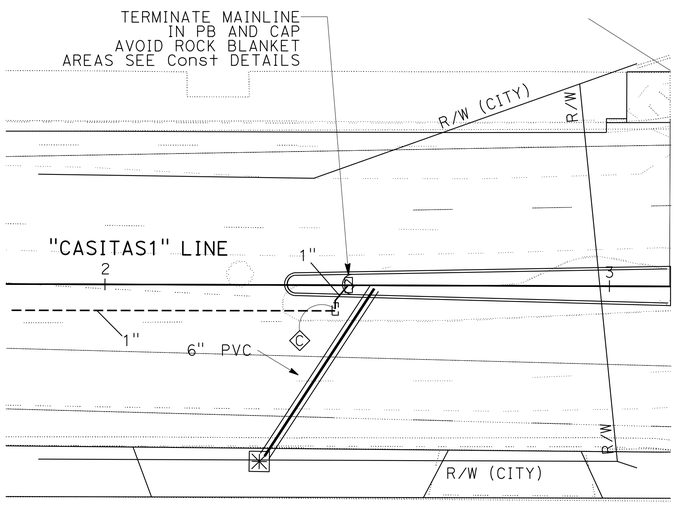
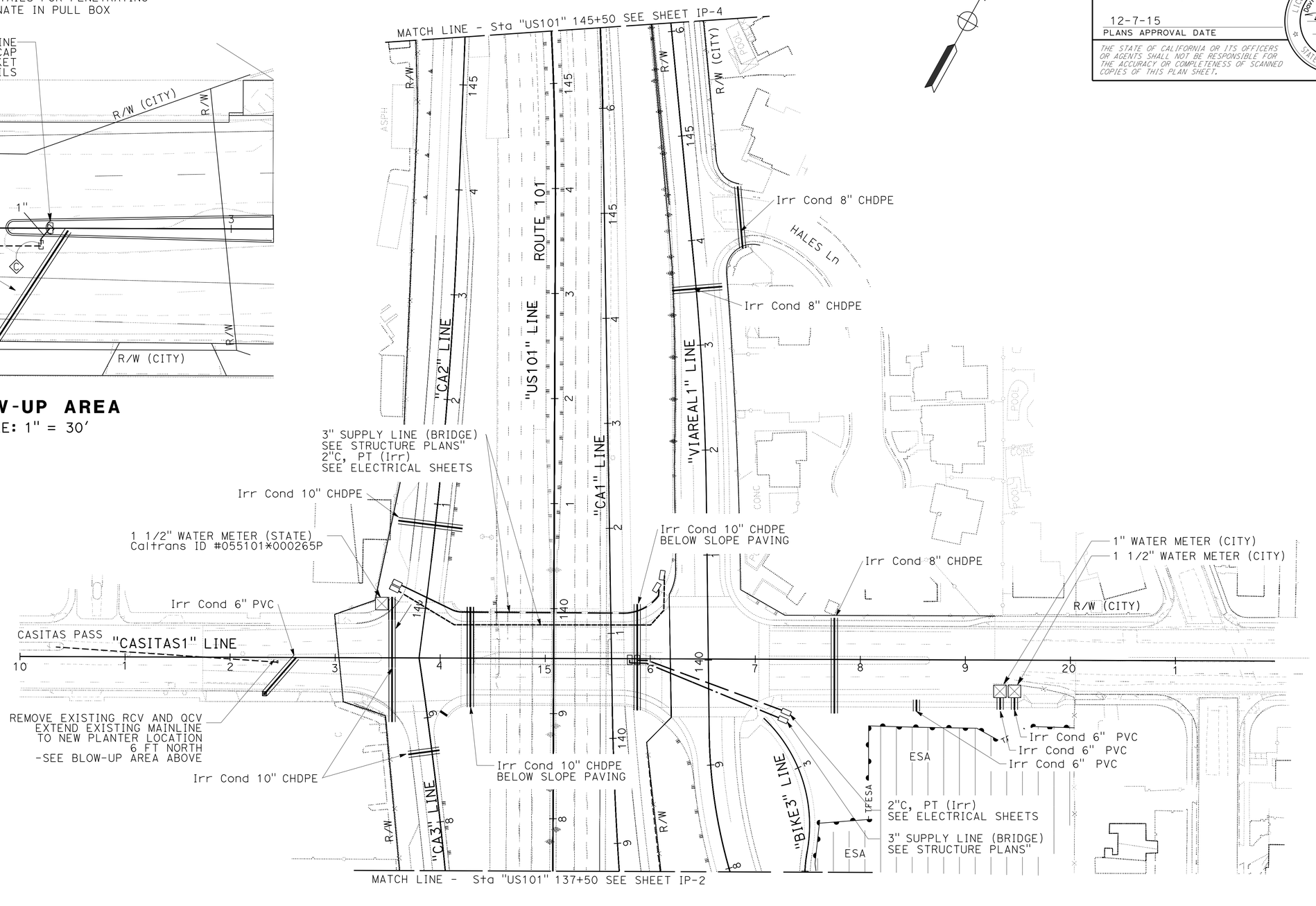
2. SEE STRUCTURE PLANS FOR DETAILS FOR PENETRATING BRIDGE DECK. CAP AND TERMINATE IN PULL BOX



BLOW-UP AREA
SCALE: 1" = 30'



IRRIGATION PLAN
SCALE: 1" = 50' **IP-3**

APPROVED FOR IRRIGATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® LANDSCAPE ARCHITECTURE

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REVISED BY
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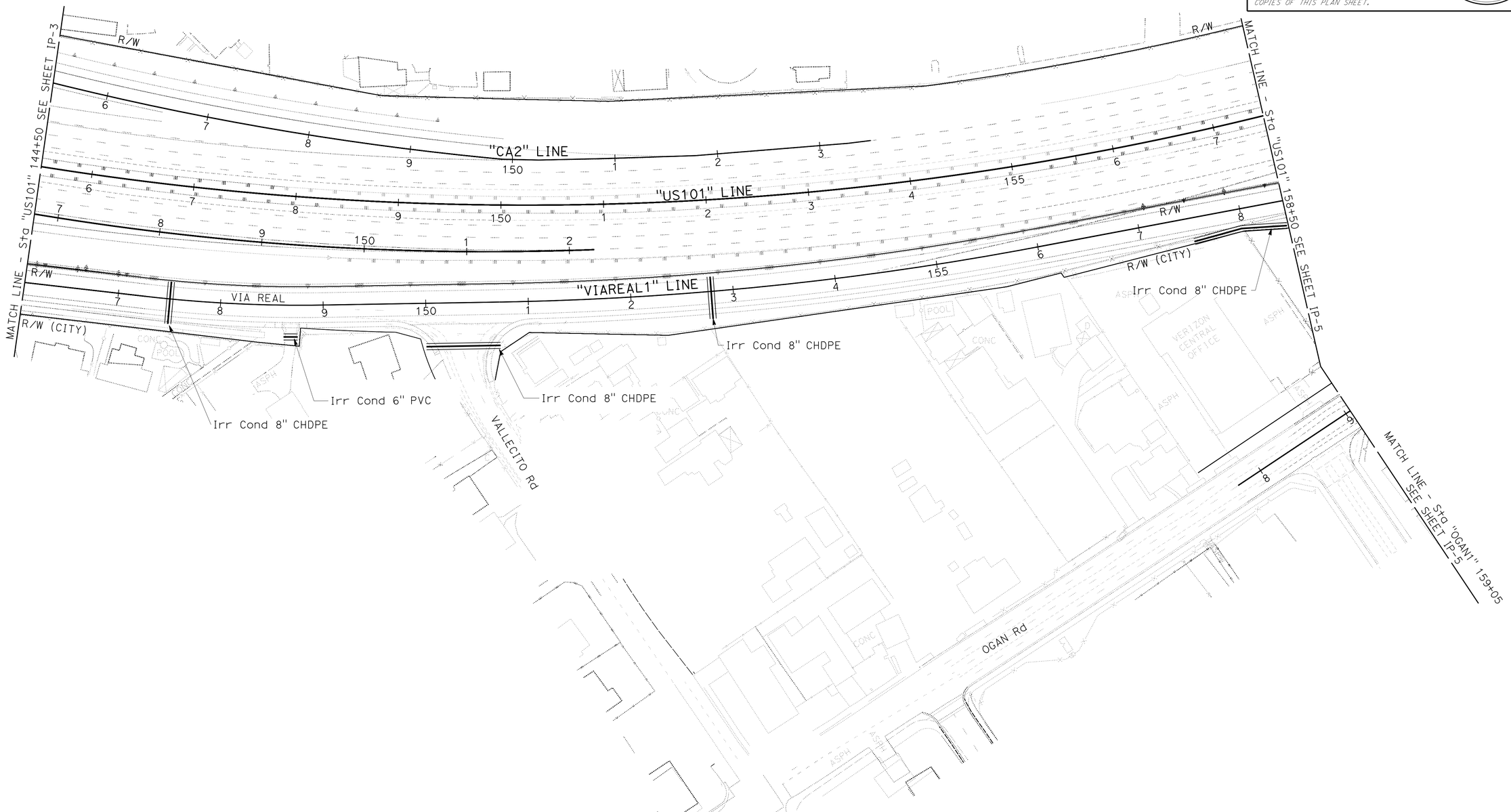

APPROVED FOR IRRIGATION WORK ONLY

IRRIGATION PLAN

SCALE: 1" = 50′ **IP-4**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® LANDSCAPE ARCHITECTURE

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CALCULATED-DESIGNED BY: DAVID EMERSON
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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LICENSED LANDSCAPE ARCHITECT

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David A. Emerson No. 4256
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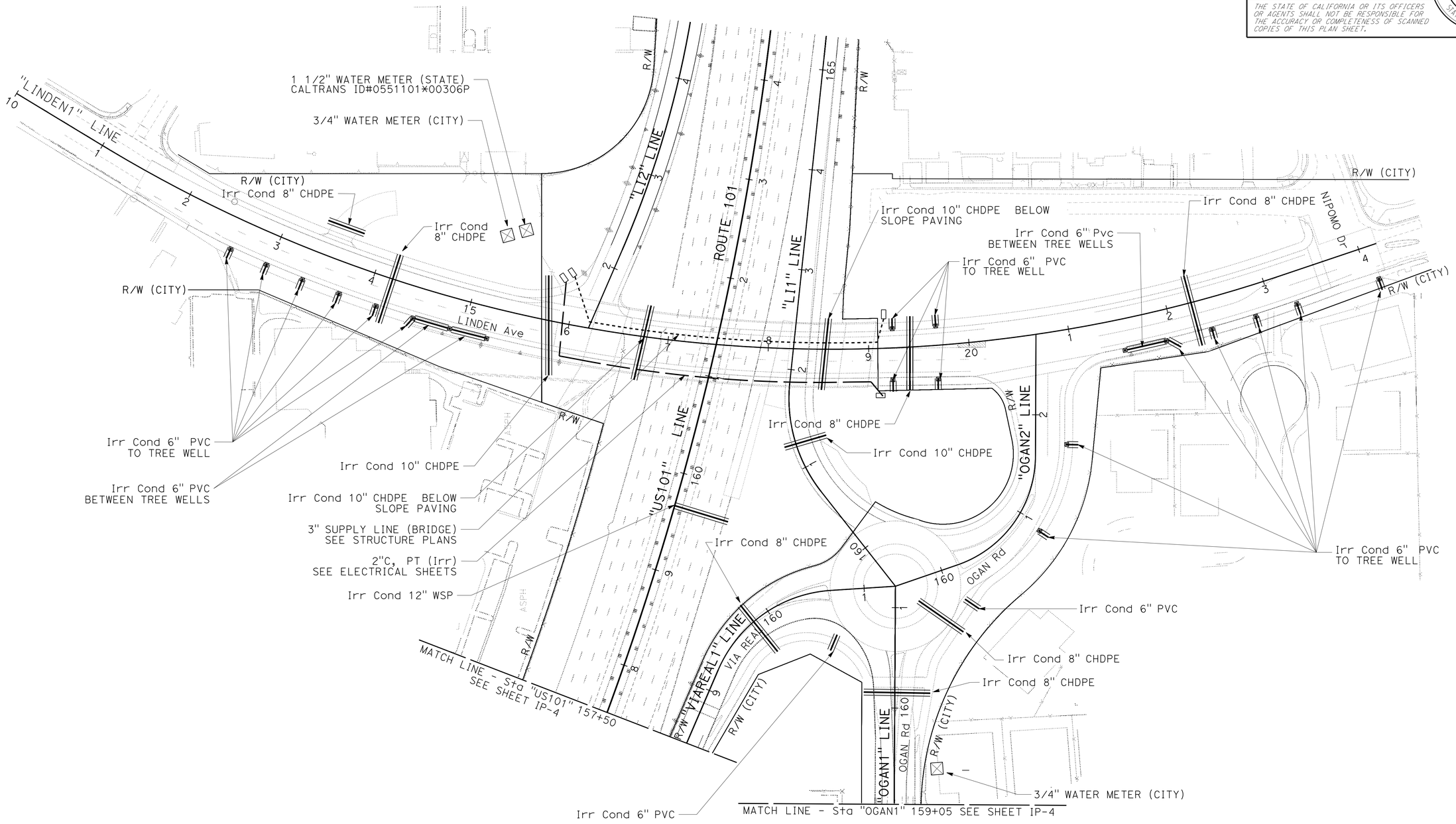

APPROVED FOR IRRIGATION WORK ONLY

IRRIGATION PLAN

SCALE: 1" = 50' **IP-5**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT: DENNIS REEVES
CALCULATED-DESIGNED BY: DAVID EMERSON
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DATE REVISED

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LICENSED LANDSCAPE ARCHITECT

12-7-15
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT — David A. Emerson No. 4256 — Signature 10-31-17 Renewal date — 11-20-15 Date — STATE OF CALIFORNIA

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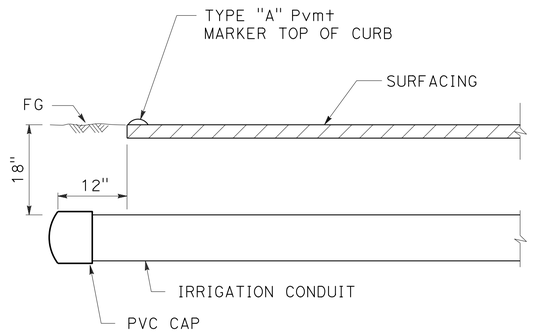
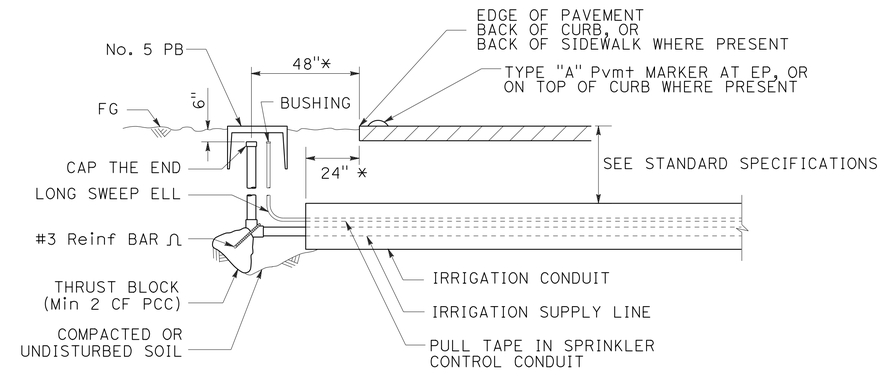


CONDITION 'A'

IRRIGATION CONDUIT

UNDER SIDEWALKS, DRIVEWAYS AND PATHS

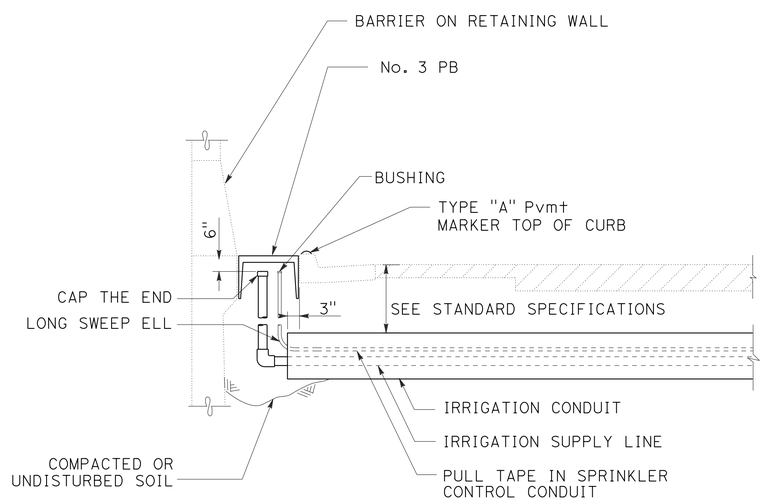


* = DIMENSION MAY BE REDUCED
50% WHEN BEHIND SIDEWALK

CONDTION 'B'

IRRIGATION CONDUIT

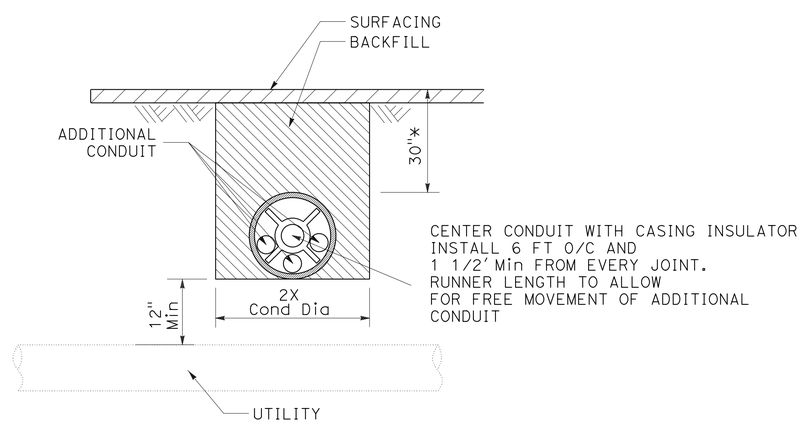
UNDER TRAVELED WAY



CONDITION 'C'

IRRIGATION CONDUIT

CONSTRAINED PLANTER LOCATIONS



* USE SLURRY CEMENT BACKFILL
WHEN Min COVER IS LESS THAN 30"

IRRIGATION CONDUIT

BACKFILL AND CONTENT ARRANGEMENT

IRRIGATION DETAILS

NO SCALE

ID-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® LANDSCAPE ARCHITECTURE

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LICENSED LANDSCAPE ARCHITECT

12-7-15
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
David A. Emerson No. 4256
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10-31-17
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IRRIGATION QUANTITIES

SHEET No.	LOCATION		SIDE		CONDUIT				PLASTIC PIPE (SUPPLY LINE)**			SUPPLY LINE (BRIDGE)	SPRINKLER CONTROL CONDUIT **	CONDI-TION
					WSP	CHDPE (TYPE S)		PVC PIPE	(CL 315)		(SCH40)			
	LINE	STATION	L†	R†	12"	10"	8"	6"	3"	2"	1"	3"	2"	
					LF									
IP-1	"VIAREAL1"	123+35	X	X			50		50*	50			50	B
IP-1	"VIAREAL1"	123+60 TO 124+00		X			40		40*	40			40	B
IP-2	"VIAREAL1"	124+10 TO 124+20	X	X			10			20			10	A
IP-2	"VIAREAL1"	130+52 TO 130+62	X	X			10		10*	10			10	A
IP-2	"VIAREAL1"	133+20	X	X			50		50*	50			50	B
IP-2	"VIAREAL1"	136+00	X	X			100		100*	100			100	B
IP-2	"CA4"	133+95	X	X		50			50*	50			50	B
IP-2	"CA1"	135+95	X	X		50			50*	50			50	B
IP-2	"BIKE1"	103+85 TO 103+95	X					10						A
IP-2	"BIKE1"	107+63	X	X			18		18	18			18	A
IP-2	"BIKE1"	110+65	X	X				18						A
IP-2	"BIKE1"	111+57	X	X				18						A
IP-2	"US101"	135+15		X		70			70*	210			70	B
IP-3	"CA3"	138+75	X	X		30			30*	30			30	A
IP-3	"CASITAS1"	12+45 TO 12+50		X							10			A
IP-3	"CASITAS1"	12+40 TO 12+55		X		50					50			A
IP-3	"CASITAS1"	13+50	X	X		120			120*	120			120	A
IP-3	"CASITAS1"	14+35	X	X		100			100*	100			100	A
IP-3	"CASITAS1"	15+80 TO 17+25		X								150		***
IP-3	"CASITAS1"	15+90	X	X		100			100*	100			100	A
IP-3	"CASITAS1"	17+75	X	X			100		100*	100			100	A
IP-3	"CASITAS1"	18+50		X				10						A
IP-3	"CASITAS1"	19+40		X				10						A
IP-3	"CASITAS1"	19+50		X				10						A
IP-3	"CA2"	140+80	X	X		55			55*	55			55	A
IP-3	"VIAREAL1"	143+50	X	X			45			90*			45	C
IP-3	"VIAREAL1"	143+90 TO 144+50		X			60		60*	60			60	C
IP-4	"VIAREAL1"	147+50	X	X			45			90*			45	C
IP-4	"VIAREAL1"	148+70		X				18						C
IP-4	"VIAREAL1"	150+00 TO 150+70		X			70			140*			70	B
IP-4	"VIAREAL1"	152+80	X	X			45			90*			45	C
IP-4	"VIAREAL1"	157+50 TO 158+30		X			80			160*			80	B
IP-5	"VIAREAL1"	159+90	X	X			45			90*			45	B
IP-5	"VIAREAL1"	160+45 TO 160+55		X				12						A
IP-5	"OGAN1"	160+10	X	X			65			130*			65	B
IP-5	"OGAN2"	159+75 TO 160+05		X			50			100*			50	B

* = REQUIRES CASING INSULATORS (ONLY ON ONE LENGTH OF PIPE)

** = ELEMENTS TO BE LOCATED INSIDE THE LISTED CONDUIT.
QUANTITIES LARGER THAN CONDUIT LENGTH INDICATE MULTIPLE PIPES.

*** = PER STANDARD PLAN B14-3 AND B14-4

IRRIGATION QUANTITIES (continued)

SHEET No.	LOCATION		SIDE		CONDUIT				PLASTIC PIPE (SUPPLY LINE)			SUPPLY LINE (BRIDGE)	SPRINKLER CONTROL CONDUIT **	CONDI-TION
					WSP	CHDPE (TYPE S)		PVC PIPE	(CL 315)		(SCH40)			
	LINE	STATION	L†	R†	12"	10"	8"	6"	3"	2"	1"	3"	2"	
					LF									
IP-5	"OGAN2"	160+10		X				6						A
IP-5	"OGAN2"	160+97		X				6						A
IP-5	"OGAN2"	161+60		X				6						A
IP-5	"LI1"	161+15	X	X		35			35 *	35			35	B
IP-5	"LINDEN1"	12+60		X				6						A
IP-5	"LINDEN1"	13+00		X				6						A
IP-5	"LINDEN1"	13+40		X				6						A
IP-5	"LINDEN1"	13+40 TO 13+80		X			35			70*			35	B
IP-5	"LINDEN1"	13+80		X				6						A
IP-5	"LINDEN1"	14+10		X				6						A
IP-5	"LINDEN1"	14+15	X	X			70			140*			70	B
IP-5	"LINDEN1"	14+45		X				10						A
IP-5	"LINDEN1"	14+50 TO 14+95		X				36			36			A
IP-5	"LINDEN1"	14+95 TO 15+30		X				36			36			A
IP-5	"LINDEN1"	15+70 TO 16+00	X	X		90			90 *	90			90	B
IP-5	"LINDEN1"	16+80	X	X		75			75 *	75			75	B
IP-5	"LINDEN1"	18+55	X	X		75			75 *	75			75	B
IP-5	"LINDEN1"	18+70 TO 18+76	X					6						A
IP-5	"LINDEN1"	19+20		X				6						A
IP-5	"LINDEN1"	19+20	X					6						A
IP-5	"LINDEN1"	19+35	X	X			75			150*			75	B
IP-5	"LINDEN1"	19+60		X				6						A
IP-5	"LINDEN1"	19+60	X					6						A
IP-5	"LINDEN1"	21+50 TO 21+90	X	X				40			40			A
IP-5	"LINDEN1"	22+00 TO 22+05		X				15						A
IP-5	"LINDEN1"	22+20	X	X			75			150*			75	B
IP-5	"LINDEN1"	22+30		X				6						A
IP-5	"LINDEN1"	22+85		X				6						A
IP-5	"LINDEN1"	23+20		X				6						A
IP-5	"LINDEN1"	24+10		X				6						A
IP-5	"US101"	159+60		X	65				65 *	195			65	B
STRUCTURE PLANS	VARIOUS											1,145		
TOTAL					65	900	1,138	345	1,343	3,033	172	1,295	2,053	

IRRIGATION QUANTITIES
IQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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EROSION CONTROL TYPE 1 (DUFF)

SEQUENCE	ITEM	MATERIAL DESCRIPTION	APPLICATION RATE
STEP 1	DUFF	DUFF	538 CY/ACRE (4" THICKNESS)

EROSION CONTROL TYPE 2 (BIOSWALE)

SEQUENCE	ITEM	MATERIAL DESCRIPTION	MATERIAL TYPE	APPLICATION RATE	DEPTH
STEP 1	COMPOST (TYPE 1)	COMPOST	MEDIUM	538 CY/ACRE (4" THICKNESS)	
STEP 2	INCORPORATE MATERIALS	COMPOST			14"
STEP 3	HYDROSEED	SEED	MIX 1	28 LB/ACRE	
		FIBER	WOOD	500 LB/ACRE	
STEP 4	HYDROMULCH	FIBER	WOOD	1,500 LB/ACRE	
		TACKIFIER	PSYLLLIUM	200 LB/ACRE	

EROSION CONTROL TYPE 3 (CHANNEL)

SEQUENCE	ITEM	MATERIAL DESCRIPTION	MATERIAL TYPE	APPLICATION RATE
STEP 1	DRY SEED	SEED	MIX 1	28 LB/ACRE

EROSION CONTROL TYPE 4 (VEGETATED BUFFER STRIP)

SEQUENCE	ITEM	MATERIAL DESCRIPTION	MATERIAL TYPE	APPLICATION RATE
STEP 1	COMPOST (TYPE 2)	COMPOST	MEDIUM	200 CY/ACRE (1 ½" THICKNESS)
STEP 2	HYDROSEED	SEED	MIX 2	30 LB/ACRE
		FIBER	WOOD	500 LB/ACRE
STEP 3	STRAW	STRAW	WHEAT	2 TONS/ACRE
STEP 4	HYDROMULCH	FIBER	WOOD	1,500 LB/ACRE
		TACKIFIER	PSYLLLIUM	200 LB/ACRE

EROSION CONTROL TYPE 5 (INFILTRATION)

SEQUENCE	ITEM	MATERIAL DESCRIPTION	MATERIAL TYPE	APPLICATION RATE	DEPTH
STEP 1	COMPOST (TYPE 1)	COMPOST	MEDIUM	538 CY/ACRE (4" THICKNESS)	
STEP 2	INCORPORATE MATERIALS	COMPOST			14"
STEP 3	HYDROSEED	SEED	MIX 2	30 LB/ACRE	
		FIBER	WOOD	500 LB/ACRE	
STEP 4	HYDROMULCH	FIBER	WOOD	1,500 LB/ACRE	
		TACKIFIER	PSYLLLIUM	200 LB/ACRE	

EROSION CONTROL TYPE 6 (CUT/FILL SLOPES)

SEQUENCE	ITEM	MATERIAL DESCRIPTION	MATERIAL TYPE	APPLICATION RATE
STEP 1	COMPOST (TYPE 2)	COMPOST	MEDIUM	200 CY/ACRE (1 ½" THICKNESS)
STEP 2	HYDROSEED	SEED	MIX 3	24 LB/ACRE
		FIBER	WOOD	500 LB/ACRE
STEP 3	STRAW	STRAW	WHEAT	2 TONS/ACRE
STEP 4	HYDROMULCH	FIBER	WOOD	1,500 LB/ACRE
		TACKIFIER	PSYLLLIUM	200 LB/ACRE

EROSION CONTROL LEGEND
ECL-1

REVISED BY | DATE REVISED
DAVID EMERSON | JO JACKSON
CALCULATED-DESIGNED BY | CHECKED BY
SENIOR LANDSCAPE ARCHITECT | DENNIS REEVES
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® LANDSCAPE ARCHITECTURE

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COMPOST BERM

SEQUENCE	ITEM	MATERIAL DESCRIPTION	REMARKS
INSTALL COMPOST BERM AFTER INCORPORATE MATERIALS AND DUFF AND BEFORE HYDROSEED	COMPOST BERM	COMPOST BERM	PER DETAIL ON PLANS

SEED MIX 1

BOTANICAL NAME (COMMON NAME)	PERCENT GERMINATION (MINIMUM)	POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
ANEMOPSIS CALIFORNICA (YERBA MANSA)	50	2
ARTEMISIA DOUGLASIANA (MUGWORT)	40	3
ARTEMISIA PALMERI (TALL SAGEBRUSH)	50	2
BOLBOSCHOENUS MARITIMUS (ALKALI BULRUSH)	60	2
CAREX SPISSA (SAWGRASS SEDGE)	50	2
CYPERUS ERAGROSTIS (TALL FLATSEDGE)	50	2
EPILOBIUM CILIATUM (FRINGED WILLOWHERB)	50	2
FESTUCA MICROSTACHYS (SMALL FESCUE)	60	4
JUNCUS ACUTUS (SPINY RUSH)	60	2
MIMULUS CARDINALIS (SCARLET MONKEY FLOWER)	50	2
NASTURTIUM OFFICINALE (WATER CRESS)	50	2
OENOTHERA ELATA HOOKERII (EVENING PRIMROSE)	60	3

SEED MIX 2

BOTANICAL NAME (COMMON NAME)	PERCENT GERMINATION (MINIMUM)	POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
AGROSTIS PALLENS (BENT GRASS)	50	5
ASCLEPIAS FASCICULARIS (NARROW-LEAF MILKWEED)	50	0.5
DESCHAMPSIA DANTHONIOIDES (ANNUAL HAIRGRASS)	40	2
ELYMUS TRITICOIDES RIO (CREEPING WILD RYE)	50	5
FESTUCA MICROSTACHYS (SMALL FESCUE)	50	8
HORDEUM BRACHYANTHERUM (MEADOW BARLEY)	60	10

SEED MIX 3

BOTANICAL NAME (COMMON NAME)	PERCENT GERMINATION (MINIMUM)	POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
BROMUS CARINATUS [1] (CALIFORINIA BROME)	50	12
FESTUCA MICROSTACHYS (SMALL FESCUE)	40	12

[1] SEED PRODUCED IN CALIFORNIA ONLY.

EROSION CONTROL LEGEND
ECL-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT: DENNIS REEVES
CALCULATED-DESIGNED BY: DAVID EMERSON
CHECKED BY: JO JACKSON
REVISED BY
DATE REVISED

LAST REVISION 11-20-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:20

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	364	786

LICENSED LANDSCAPE ARCHITECT

12-7-15
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
David A. Emerson No. 4256
Signature
10-31-17
Renewal date
11-20-15
Date
STATE OF CALIFORNIA

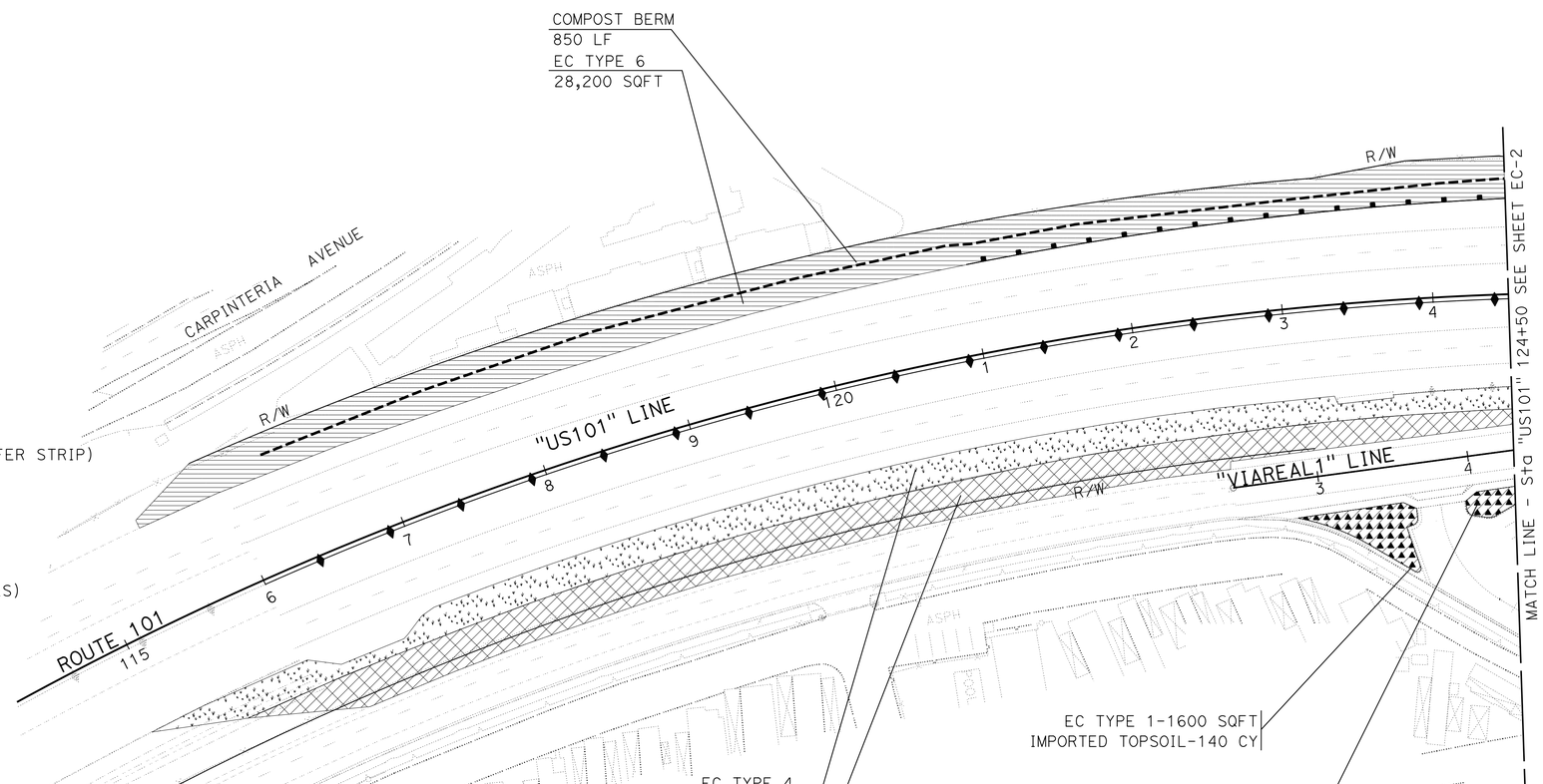
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. COMPLETE IMPORT TOPSOIL WORK BEFORE APPLYING OTHER EROSION CONTROL WORK
3. COMPLETE INSTALLATION OF BRUSH LAYERING, LIVE SILTATION, AND WILLOW POLES BEFORE APPLYING OTHER EROSION CONTROL WORK

LEGEND:

- COMPOST BERM
- TFESA — TEMPORARY FENCE (TYPE ESA)
- EROSION CONTROL TYPE 1 (DUFF)
- EROSION CONTROL TYPE 2 (BIOSWALE)
- EROSION CONTROL TYPE 3 (CHANNEL)
- EROSION CONTROL TYPE 4 (VEGETATED BUFFER STRIP)
- EROSION CONTROL TYPE 5 (INFILTRATION)
- EROSION CONTROL TYPE 6 (CUT/FILL SLOPES)
- IMPORTED TOPSOIL
- ROCK STAIN (RSP)
- WILLOW POLES
- BRUSH LAYERING
- LIVE SILTATION
- ESA — ENVIRONMENTALLY SENSITIVE AREA



EROSION CONTROL AND PLANTING PLAN

SCALE: 1" = 50′ **EC-1**

APPROVED FOR EROSION CONTROL WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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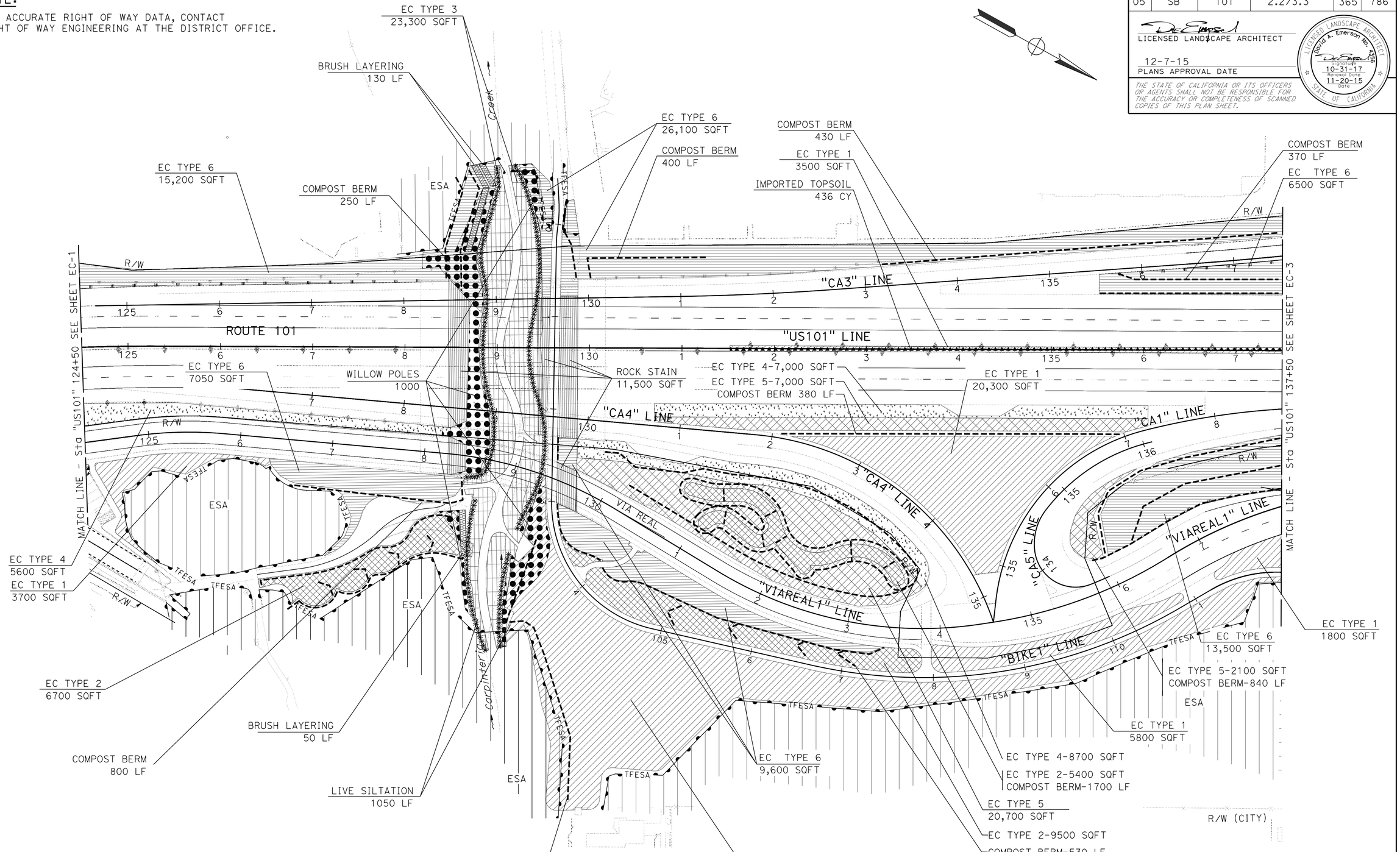

EROSION CONTROL AND PLANTING PLAN

SCALE: 1" = 50′ **EC-2**

APPROVED FOR EROSION CONTROL WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® LANDSCAPE ARCHITECTURE

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LICENSED LANDSCAPE ARCHITECT

12-7-15
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
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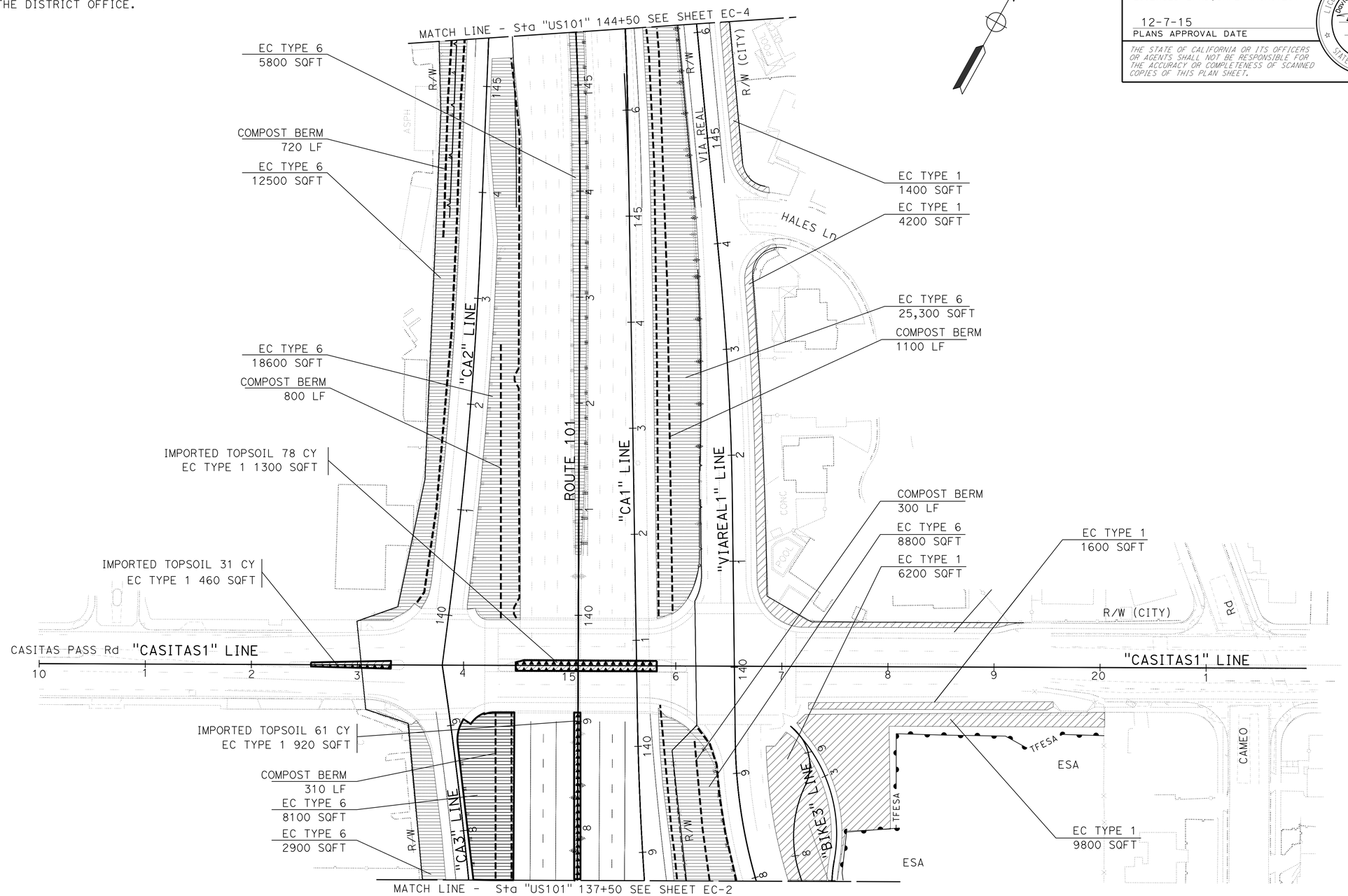

EROSION CONTROL AND PLANTING PLAN

SCALE: 1" = 50' **EC-3**

APPROVED FOR EROSION CONTROL WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® LANDSCAPE ARCHITECTURE

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LICENSED LANDSCAPE ARCHITECT

12-7-15
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
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Signature
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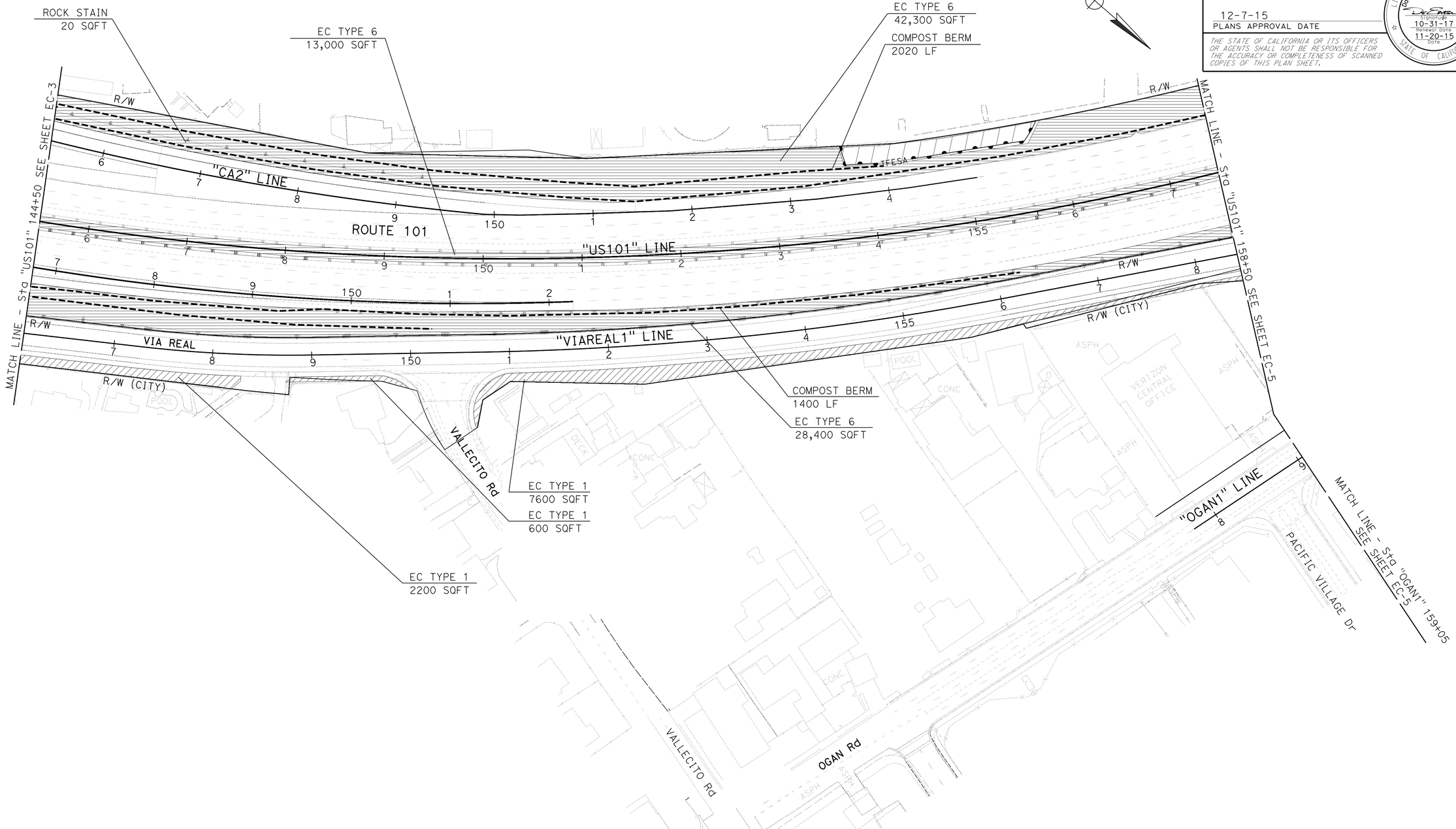

EROSION CONTROL AND PLANTING PLAN

SCALE: 1" = 50'

EC-4

APPROVED FOR EROSION CONTROL WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® LANDSCAPE ARCHITECTURE

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CALCULATED-DESIGNED BY: DAVID EMERSON
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REVISED BY
DATE REVISED

LAST REVISION 11-20-15
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TIME PLOTTED => 14:20

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	368	786

LICENSED LANDSCAPE ARCHITECT

12-7-15
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
David A. Emerson No. 4256
Signature
10-31-17
Renewal date
11-20-15
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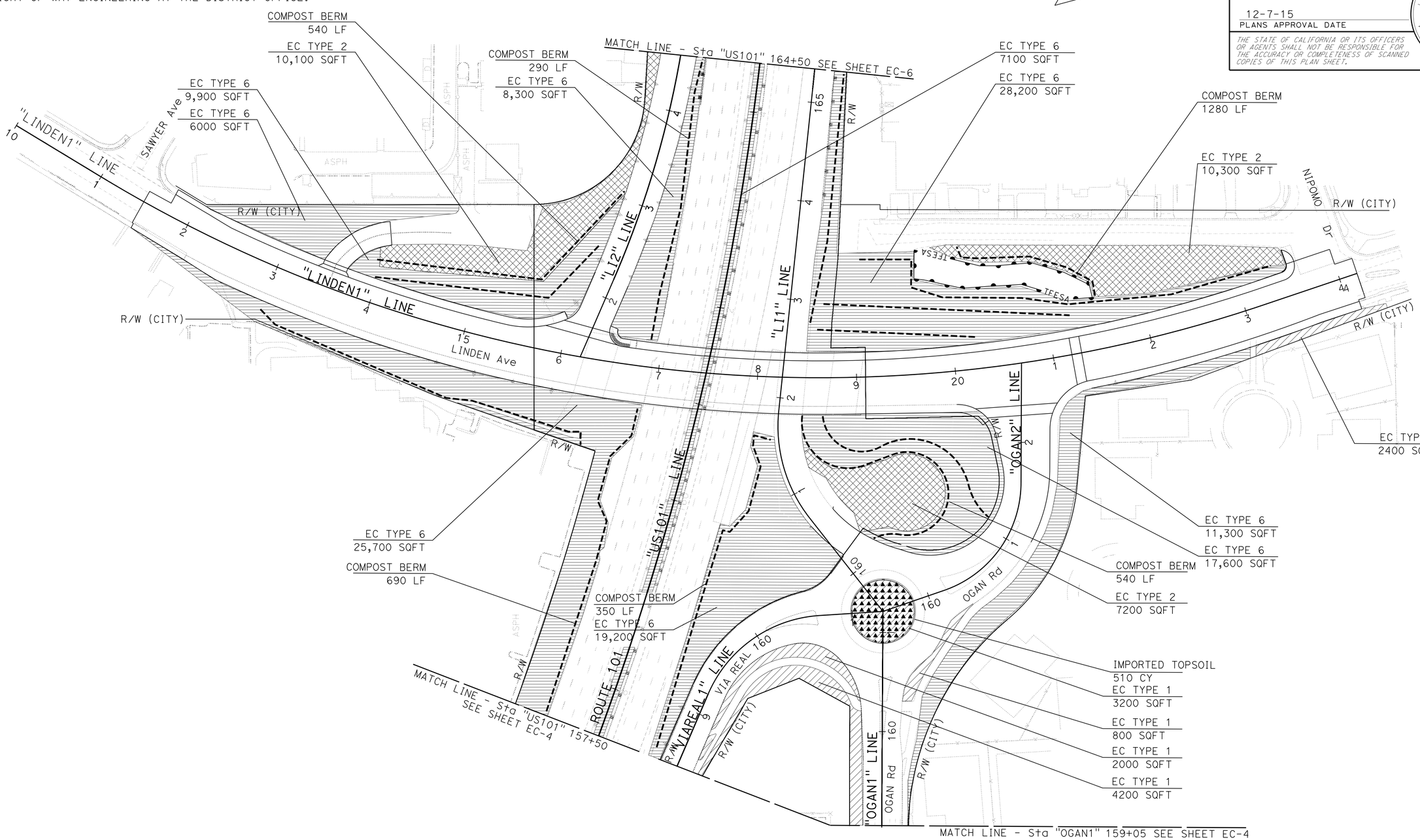

EROSION CONTROL AND PLANTING PLAN

SCALE: 1" = 50' **EC-5**

APPROVED FOR EROSION CONTROL WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® LANDSCAPE ARCHITECTURE

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CALCULATED-DESIGNED BY: DAVID EMERSON
CHECKED BY: JO JACKSON
REVISED BY
DATE REVISED

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05	SB	101	2.2/3.3	369	786

LICENSED LANDSCAPE ARCHITECT

12-7-15
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
David A. Emerson No. 4256
Signature
10-31-17
Renewal date
11-20-15
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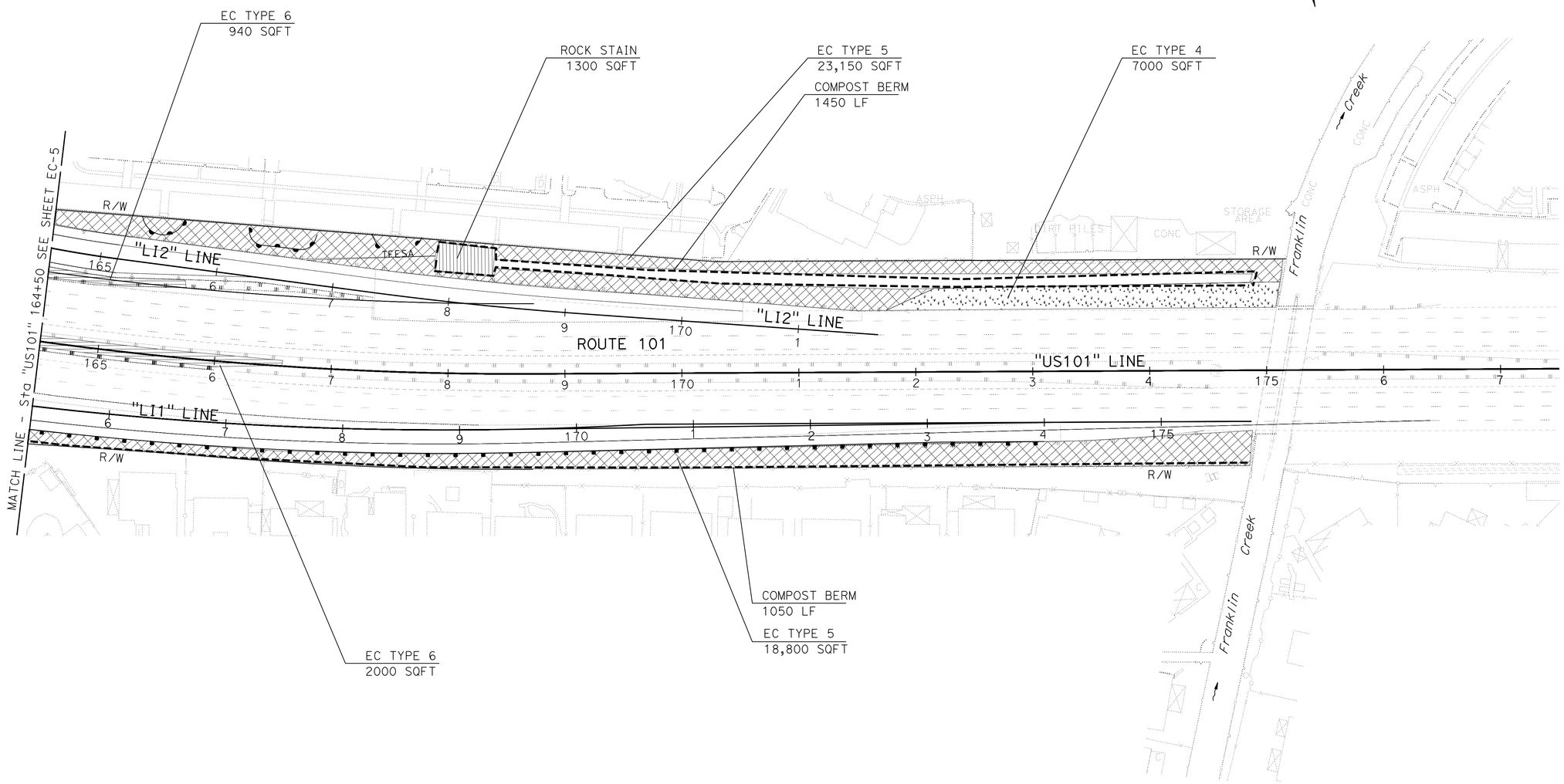

EROSION CONTROL AND PLANTING PLAN

SCALE: 1" = 50′ **EC-6**

APPROVED FOR EROSION CONTROL WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® LANDSCAPE ARCHITECTURE

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CALCULATED-DESIGNED BY: DAVID EMERSON
CHECKED BY: JO JACKSON

REVISED BY
DATE REVISED

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LICENSED LANDSCAPE ARCHITECT

12-7-15
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT — David A. Emerson No. 4256 — Signature — 10-31-17 Renewal date — 11-20-15 Date — STATE OF CALIFORNIA

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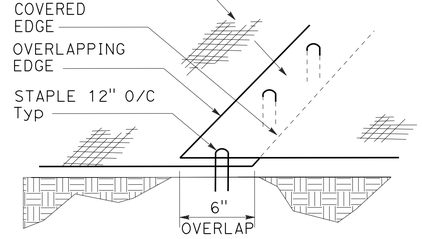
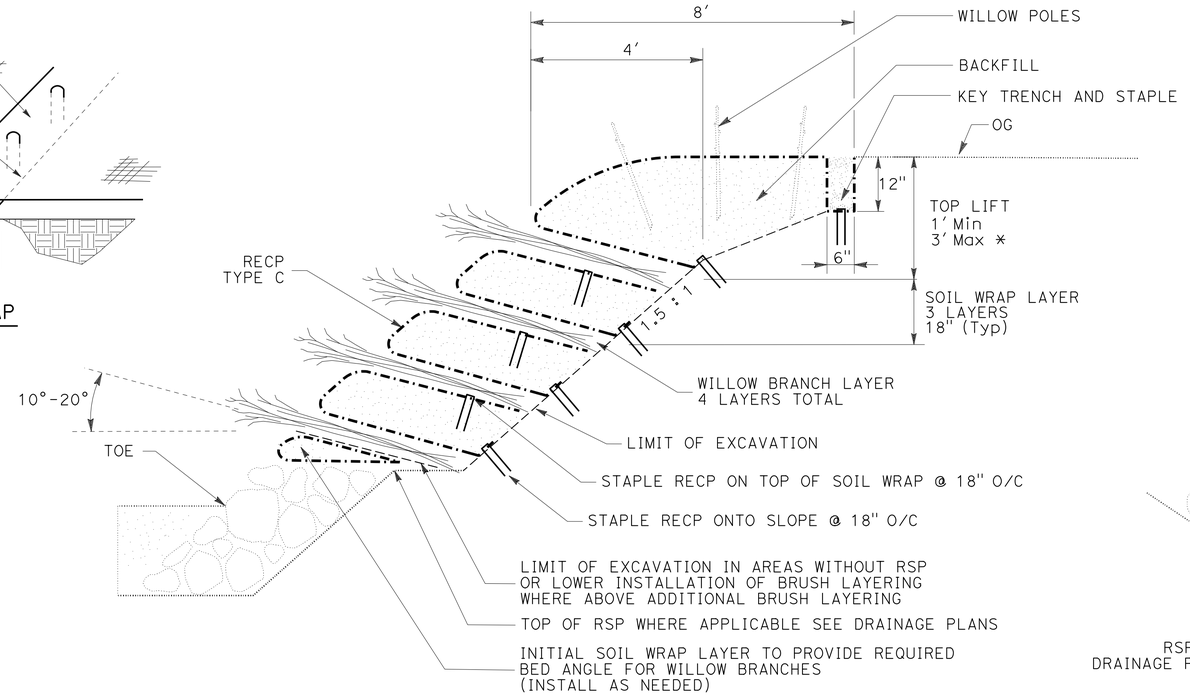


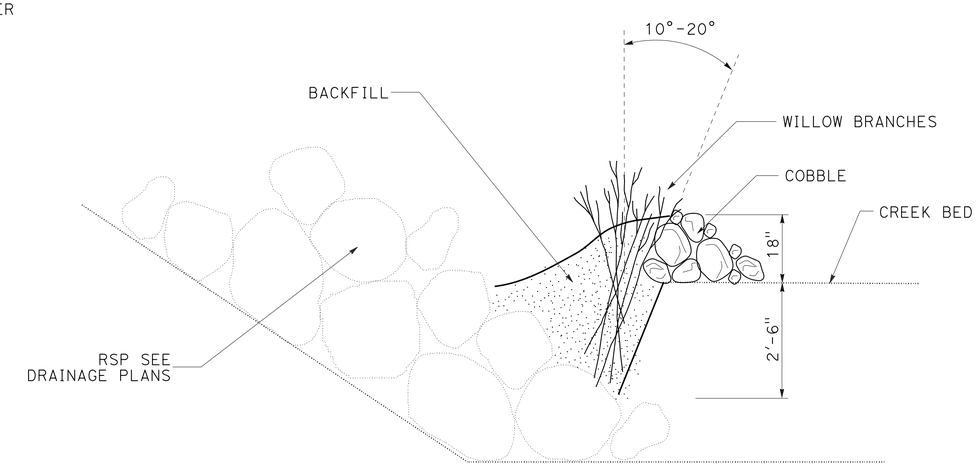
RECP OVERLAP



* TOP LIFT TO BE 18" DEEP WHEN BELOW ADDITIONAL INSTALLATIONS OF BRUSH LAYERING

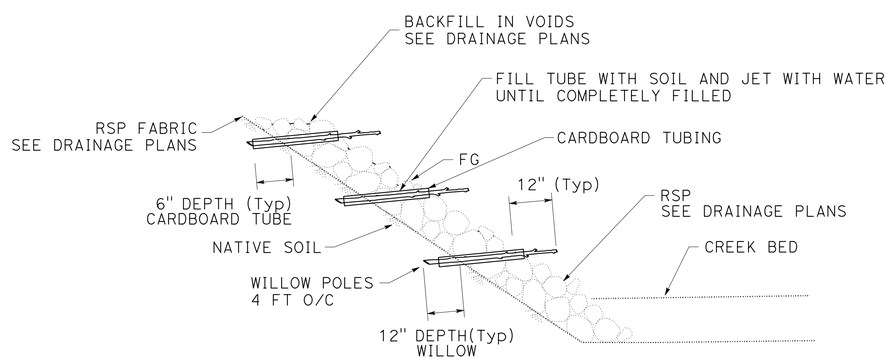
SECTION

BRUSH LAYERING



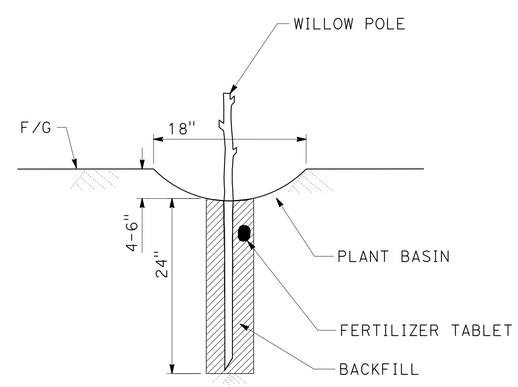
SECTION

LIVE SILTATION

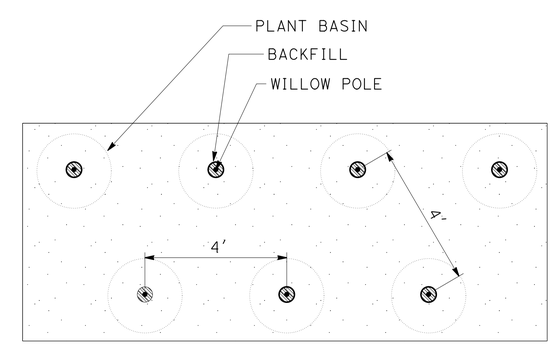


SECTION

WILLOW POLES
(IN RSP)



SECTION



PLAN

WILLOW POLES
(IN SOIL)

EROSION CONTROL DETAILS

NO SCALE

ECD-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT: DENNIS REEVES
CALCULATED-DESIGNED BY: DAVID EMERSON
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LICENSED LANDSCAPE ARCHITECT

12-7-15
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
David A. Emerson No. 4356
Signature
10-31-17
Renewal date
11-20-15
Date
STATE OF CALIFORNIA

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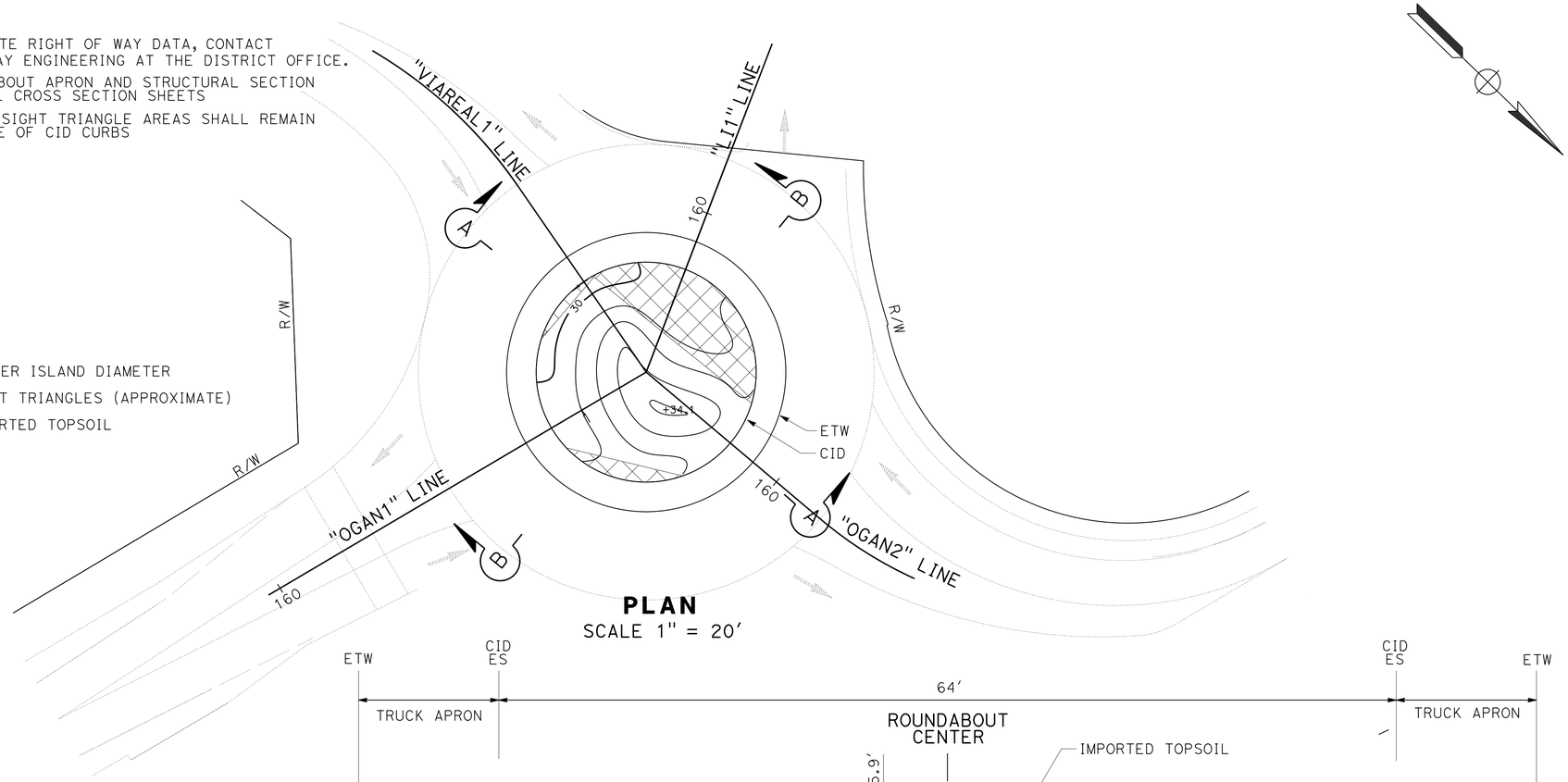
NOTES:

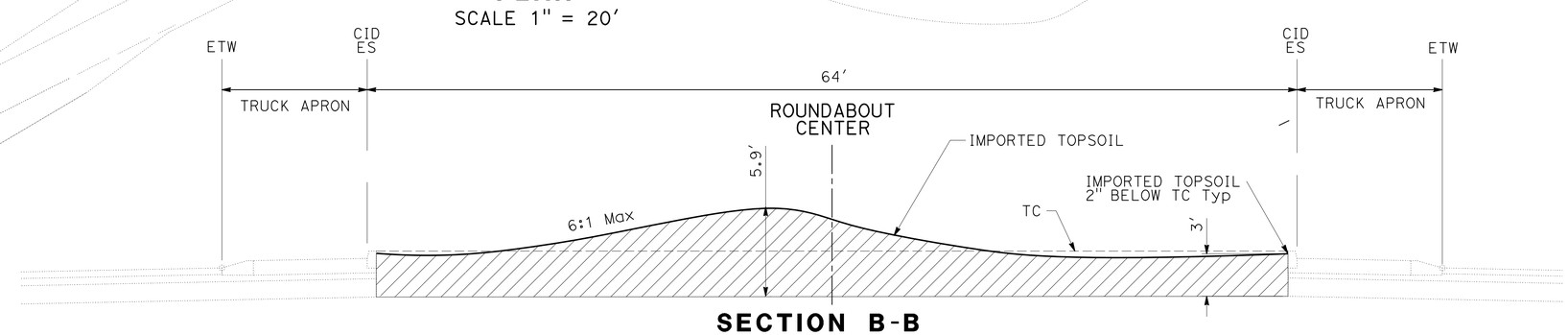
1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. FOR ROUNDABOUT APRON AND STRUCTURAL SECTION SEE TYPICAL CROSS SECTION SHEETS
3. TOPSOIL IN SIGHT TRIANGLE AREAS SHALL REMAIN BELOW PLANE OF CID CURBS

LEGEND:

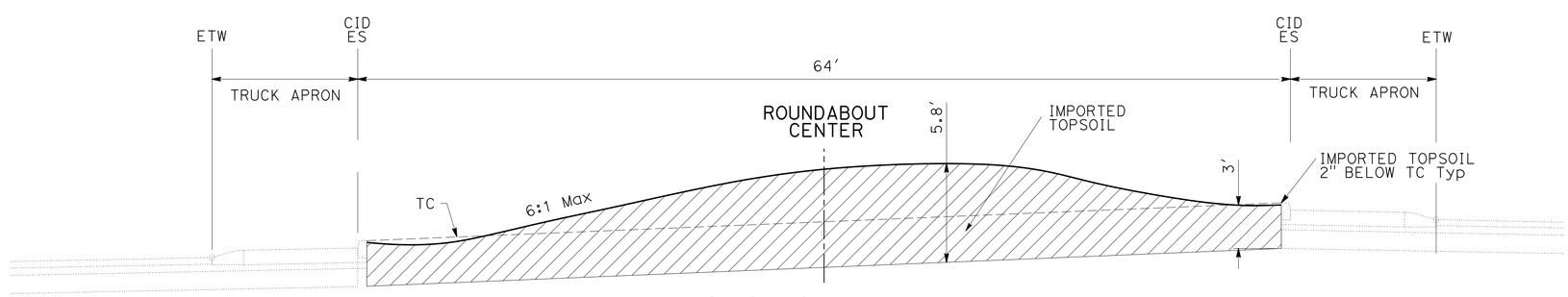
CID - CENTER ISLAND DIAMETER
- SIGHT TRIANGLES (APPROXIMATE)
- IMPORTED TOPSOIL



PLAN
SCALE 1" = 20'



SECTION B-B
NO SCALE



SECTION A-A
NO SCALE

EROSION CONTROL DETAILS
(ROUNDABOUT CENTER ISLAND)

SCALE: AS SHOWN **ECD-2**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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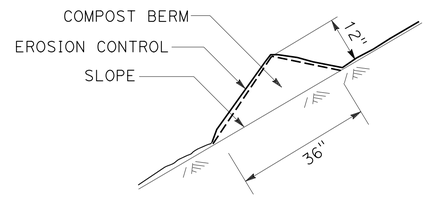
NOTES:

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

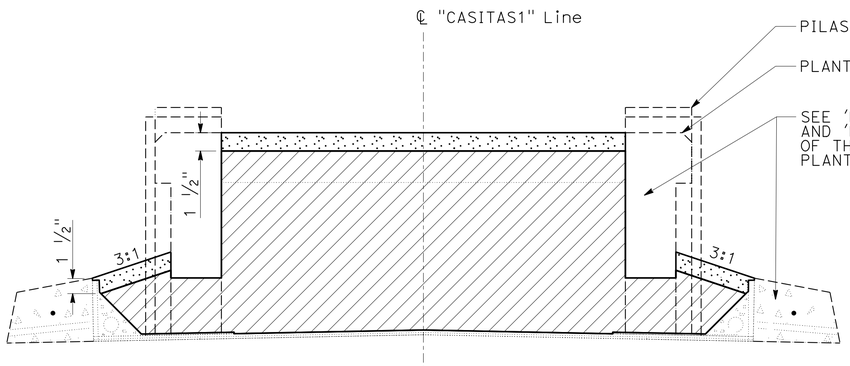
LEGEND:

- IMPORTED TOPSOIL
- CLASS 3 PERMEABLE MATERIAL
- EROSION CONTROL TYPE 1 (DUFF)
- ASPHALT MEMBRANE WATERPROOFING



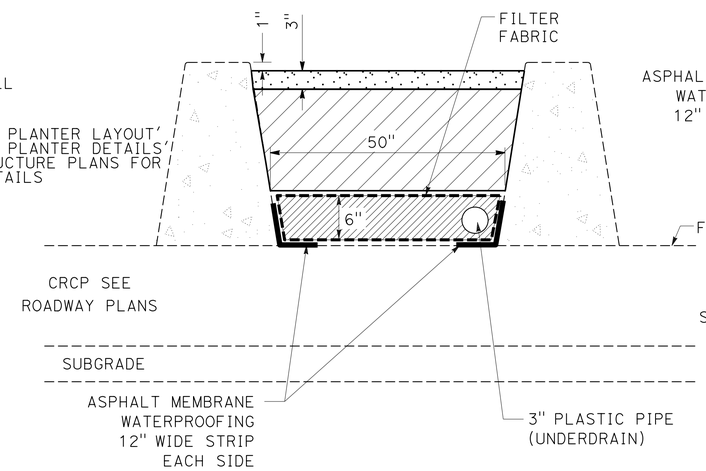
SECTION

COMPOST BERM

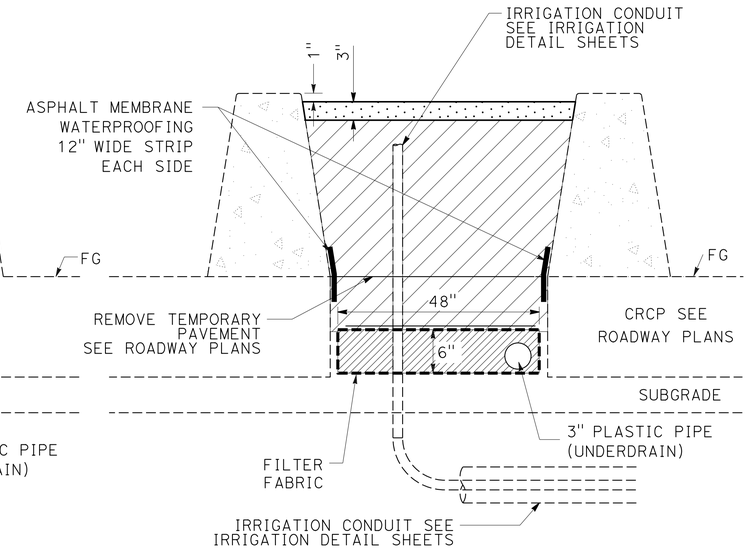


Sta "CASITAS1" 14+56 TO 14+82
Sta "CASITAS1" 15+00 TO 15+26
Sta "CASITAS1" 15+44 TO 15+70

CASITAS PASS OVERCROSSING MEDIAN WITH RAISED PLANTER

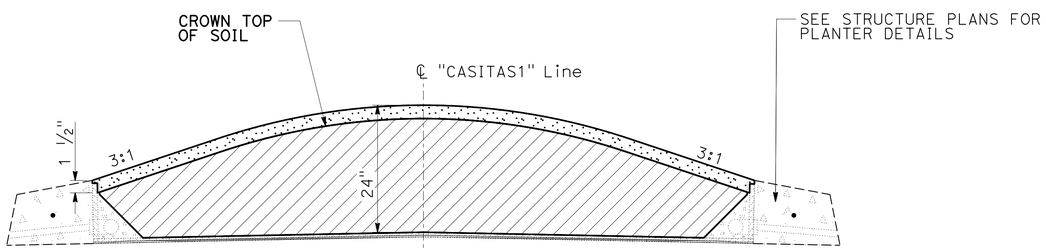


Sta "US101" 131+52 TO 133+00



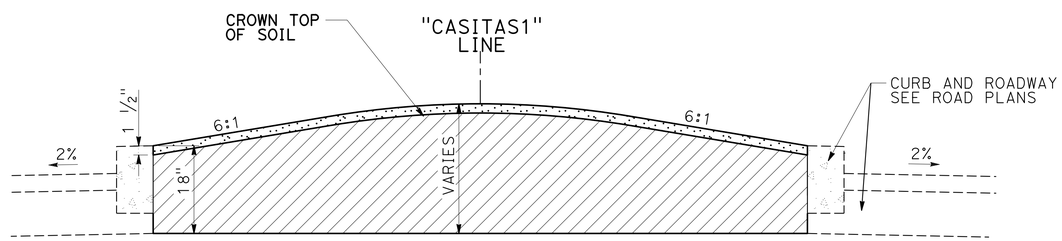
Sta "US101" 133+00 TO 139+00

US 101 MEDIAN PLANTER



Sta "CASITAS1" 14+43 TO 14+56
Sta "CASITAS1" 14+82 TO 15+00
Sta "CASITAS1" 15+26 TO 15+44
Sta "CASITAS1" 15+70 TO 15+84

CASITAS PASS OVERCROSSING MEDIAN WITHOUT RAISED PLANTER



Sta "CASITAS1" 11+74.00 TO 13+12.65

CASITAS PASS ROAD

EROSION CONTROL DETAILS

NO SCALE **ECD-3**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® LANDSCAPE ARCHITECTURE

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CALCULATED-DESIGNED BY: DAVID EMERSON
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REVISED BY
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LAST REVISION 11-20-15
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LICENSED LANDSCAPE ARCHITECT

12-7-15
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT — David A. Emerson No. 4256 — Signature 10-31-17 Renewal date 11-20-15 Date — STATE OF CALIFORNIA

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EROSION CONTROL

SHEET No.	DESCRIPTION	DUFF	COMPOST (TYPE 1)	COMPOST (TYPE 2)	INCORPORATE MATERIALS	HYDROSEED	STRAW	HYDROMULCH	DRY SEED	COMPOST BERM
		ACRE	SQFT	SQFT	SQFT	SQFT	SQFT	SQFT	SQFT	LF
EC SHEETS	EROSION CONTROL TYPE 1	3.25								
	EROSION CONTROL TYPE 2		49,200		49,200	49,200		49,200		
	EROSION CONTROL TYPE 3								23,300	
	EROSION CONTROL TYPE 4			46,100		46,100	46,100	46,100		
	EROSION CONTROL TYPE 5		92,650		92,650	92,650		92,650		
	EROSION CONTROL TYPE 6			408,090		408,090	408,090	408,090		
	COMPOST SOCK									19,710
	TOTAL	3.25	141,850	454,190	141,850	596,040	454,190	596,040	23,300	19,710

3" PLASTIC PIPE UNDERDRAIN

SHEET No.	LOCATION/STATION	RSP FABRIC (N)	CLASS 3 PERMEABLE MATERIAL (N)	3" PLASTIC PIPE UNDERDRAIN
		SQYD	CY	LF
EC-2,EC-3	"US101" 131+52.00 TO 139+00.00	818	56	748
	TOTAL			748

(N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

WILLOW POLES

SHEET No.	LOCATION				WILLOW POLES
	LINE	STATION	L†	R†	EA
EC-2	"VIAREAL1"	128+40 TO 129+50	X	X	500
EC-2	"CA3"	128+40 TO 129+50	X	X	500
				TOTAL	1,000

ROCK STAIN

SHEET No.	LOCATION				ROCK STAIN
	LINE	STATION	L†	R†	SQFT
EC-2	"US101"	128+50 TO 128+70	X	X	3,800
EC-2	"US101"	129+45 TO 129+55	X	X	2,000
EC-2	"US101"	129+65 TO 129+85	X	X	3,700
EC-2	"VIAREAL1"	128+25 TO 128+45	X	X	900
EC-2	"VIAREAL1"	129+40 TO 129+75	X	X	1,100
EC-4	"CA2"	146+85	X		20
EC-6	"LI2"	167+50 TO 167+99	X		1,300
				TOTAL	12,820

IMPORTED TOPSOIL

LOCATION	CY
SHEET No.	
EC-1	190
EC-2	436
EC-3	170
EC-5	510
TOTAL	1,306

BRUSH LAYERING

SHEET No.	LOCATION				BRUSH LAYERING	RECP NETTING TYPE C (N)	ORGANIC FERTI-LIZER (N)	WILLOW BRANCH (N)
	LINE	STATION	L†	R†	LF	SQFT	LBS	EA
EC-2	"VIAREAL1"	128+40 TO 129+50		X	80	4,080	26	2,560
EC-2	"CA3"	128+50 TO 128+95	X		100	5,100	32	3,200
				TOTAL	180	9,180	58	5,760

(N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

ASPHALT MEMBRANE WATERPROOFING

SHEET No.	LOCATION/STATION	ASPHALT MEMBRANE WATERPROOFING
		SQFT
EC-2,EC-3	"US101" 131+52.00 TO 139+00.00	1,496
	TOTAL	1,496

MOVE IN/MOVE OUT (EROSION CONTROL)

LOCATION			EA
STATION	L†	R†	
PROJECT LIMITS	X	X	6
TOTAL			6

LIVE SILTATION

SHEET No.	LOCATION				LIVE SILTATION	COBBLE (N)	ORGANIC FERTI-LIZER (N)	WILLOW BRANCH (N)
	LINE	STATION	L†	R†	LF	CY	LBS	EA
EC-2	"VIAREAL1"	128+40 TO 129+50	X	X	525	53	32	5,250
EC-2	"CA3"	128+80 TO 128+95	X		525	53	32	5,250
				TOTAL	1,050	106	64	10,500

(N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

EROSION CONTROL AND PLANTING QUANTITIES

ECQ-1

REVISED BY | DATE REVISED
DAVID EMERSON | JO JACKSON
CALCULATED-DESIGNED BY | CHECKED BY
SENIOR LANDSCAPE ARCHITECT | DENNIS REEVES
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® LANDSCAPE ARCHITECTURE

LAST REVISION 11-20-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	374	786

Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER XAVIER I. ALFARO No. E17488 Exp. 6-30-17 ELECTRICAL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

LEGEND: (FOR SHEETS E-2 THRU E-10)

1 120/240 V, 1Ø, 3-WIRE TYPE III-BF SERVICE EQUIPMENT ENCLOSURE WITH THE FOLLOWING CIRCUIT BREAKERS:

Ctid No. 05511010002374

AMPERES	VOLTS	POLES	NAMEPLATE	METER	PHOTOELECTRIC CONTROL TYPE
100	240	2	MAIN BREAKER	YES	——
30	240	2	HIGHWAY AND SIGN LIGHTING	YES	V
15	120	1	CONTROL	YES	——
30	120	1	CCTV	YES	——
20	120	1	MVDS	YES	——
30	240	2	SPARE	YES	——

2 Exist TYPE A SERVICE. RC AFTER STAGE 1 CONSTRUCTION.

3 LIGHTING CONDUIT IN CONCRETE BARRIER RAIL. SEE STRUCTURE SHEETS.

4 RL Exist MVDS, WVDS, AP, AND NEMA ENCLOSURE TO STA 120+90 70′ Lt OF "US101" LINE ON SHEET E-8. RC Exist MVDS POLE.
RC WIRELESS MODEM, SOLAR PV PANELS, 12 V(dc) BATTERIES AND SOLAR CONTROLER/CHARGER.

5 RL Exist MVDS AND NEMA ENCLOSURE TO STA 166+50 25′ LT OF "CA2" LINE ON SHEET E-10. RC Exist MVDS POLE.
RC SOLAR PV PANELS, 12 V(dc) BATTERIES AND SOLAR CONTROLLER/CHARGER.

RL Exist WVDS ACCESS POINT TO Sig POLE (C) (No. 002.645) LOCATED AT STA 130+40 ON SHEET E-9.

6 RL Exist WVDS REPEATER TO ELECTROLIER No. 002.418 LOCATED AT STA 126+00 ON SHEET E-8.

7 RL Exist WVDS REPEATER TO ELECTROLIER No. 002.377 LOCATED AT STA 123+80 ON SHEET E-8.

8 RL Exist WVDS REPEATER TO SIGNAL POLE (G) ON SHEET E-15.

9 MODEL 334L CONTROLLER CABINET FOR CCTV. SEE SHEET E-25 FOR DETAILS.

10 FURNISH AND INSTALL VDS 30 POLE WITH CAMERA ASSEMBLY AND WCB.
FURNISH AND INSTALL QUAD OUTLET BOX, TWO 12V POWER SUPPLIES, AND WCB POE INJECTOR INSIDE Exist NEMA ENCLOSURE.

11 VSN EXACT LOCATION TO BE DETERMINED BY THE ENGINEER. SEE SHEET E-26 FOR DETAILS.

12 INSTALL Exist WVDS REPEATER FROM LEGEND 7. SEE SHEET E-27 FOR MOUNTING DETAILS.

13 WAPB NEAR TOP OF Sig POLE (F) (No. 002.643). SEE DETAILS ON SHEET E-24.

14 INSTALL Exist WVDS AP FROM LEGEND 5. SEE DETAILS ON SHEET E-24.

15 FURNISH AND INSTALL VDS 30 POLE. INSTALL Exist NEMA ENCLOSURE AND MVDS FROM LEGEND 5.

16 INSTALL Exist WVDS FROM LEGEND 8. SEE SHEET E-27 FOR MOUNTING DETAILS.

17 INSTALL Exist WVDS FROM LEGEND 6. SEE SHEET E-27 FOR MOUNTING DETAILS.

ABBREVIATIONS:

SCE	SOUTHERN CALIFORNIA EDISON
TELCO	VERIZON TELEPHONE COMPANY
VSN	VEHICLE SENSOR NODE (WVDS)
AP	ACCESS POINT (WVDS)
WVDS	WIRELESS VEHICLE DETECTION SYSTEM
WCB	WIRELESS CLIENT BRIDGE
WAPB	WIRELESS ACCESS POINT BRIDGE
PV	PHOTOVOLTAIC
COAX	COAXIAL CABLE
RJ	REGISTERED JACK
EIA-232	ELECTRONICS INDUSTRIES ASSOCIATION SERIAL COMMUNICATIONS
CAT5E	CATEGORY 5E CABLE
LL	LIMIT LINE
POE	POWER OVER ETHERNET

SYMBOLS:

- INSTALL Exist WVDS REPEATER
- Exist WVDS REPEATER
- INSTALL Exist WVDS ACCESS POINT
- Exist WVDS ACCESS POINT
- VEHICLE SENSOR NODE
- Exist VSN
- 802.11 WAPB OR WCB WITH DIRECTIONAL ANTENNA
- INSTALL Exist CDMA WIRELESS MODEM
- Exist CDMA WIRELESS MODEM
- V SOUTHERN CALIFORNIA EDISON VAULT
- SCE OCTOGONAL CONCRETE ELECTROLIER FURNISHED AND INSTALLED BY SCE
- SCE DECORATIVE ELECTROLIER FURNISHED AND INSTALLED BY SCE
- BEGA BICYCLE PATH ELECTROLIER (39 WATT)
- BEGA CITY STREET AND BRIDGE MOUNT ELECTROLIER (27 WATT)

LEGEND, ABBREVIATIONS, AND SYMBOLS
E-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® ELECTRICAL DESIGN

FUNCTIONAL SUPERVISOR: ALI BAKHDOUD
CALCULATED-DESIGNED BY: XAVIER ALFARO
CHECKED BY: KARIM ABDOLLAHIAN
REVISED BY: XIA
DATE REVISED: 11-25-15

LAST REVISION 11-25-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	375	786

Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER XAVIER I. ALFARO No. E17488 Exp. 6-30-17 ELECTRICAL STATE OF CALIFORNIA

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NOTES:

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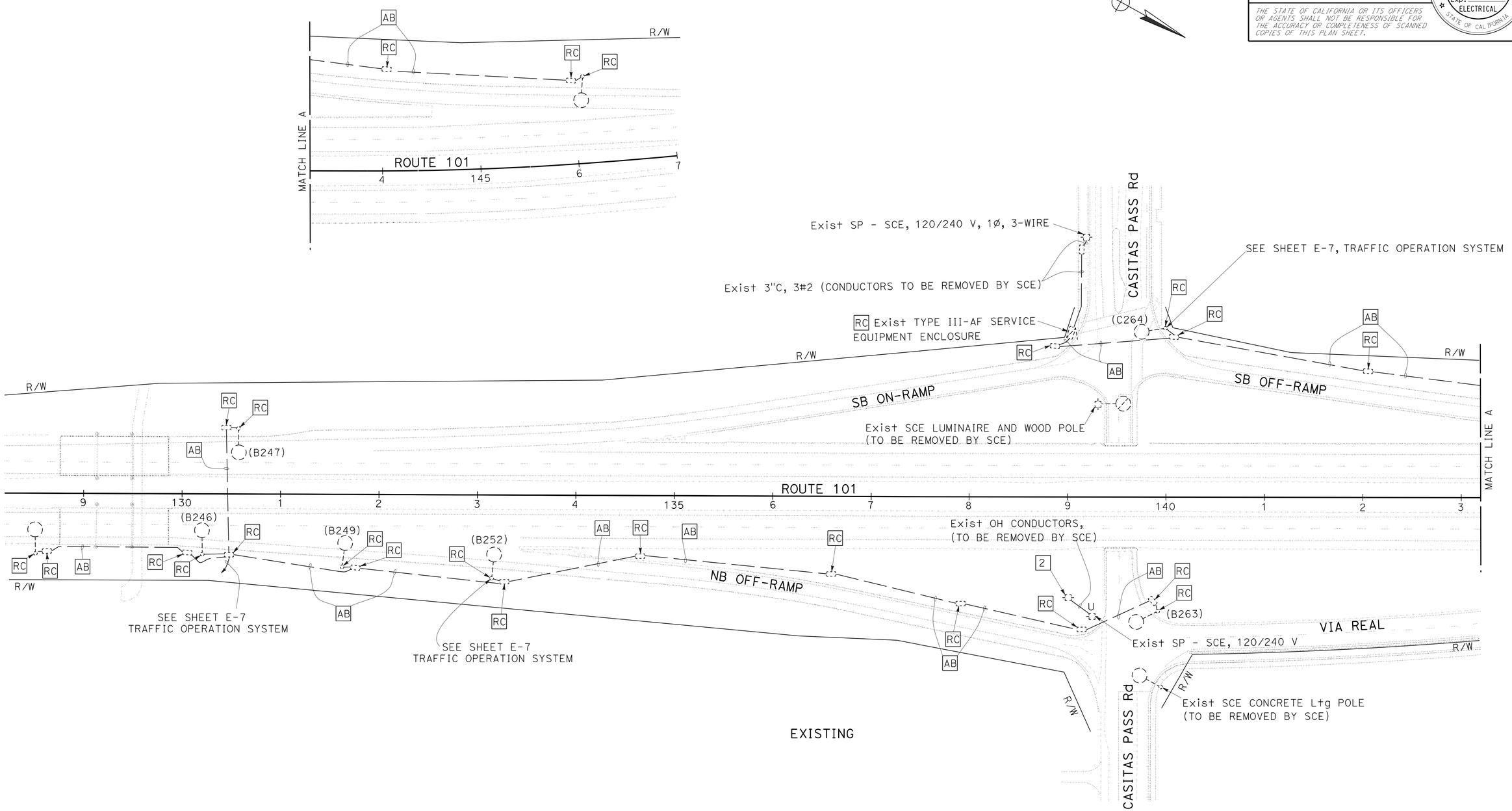
2. FOR LEGEND, ABBREVIATIONS, AND SYMBOLS SEE SHEET E-1.



APPROVED FOR ELECTRICAL WORK ONLY

LIGHTING

SCALE: 1"=50'

E-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **ELECTRICAL DESIGN**

FUNCTIONAL SUPERVISOR: ALI BAKHDOUD

CALCULATED-DESIGNED BY: XAVIER ALFARO
CHECKED BY: KARIM ABDOLLAHIAN

REVISED BY: XIA
DATE REVISED: 11-25-15

LAST REVISION 11-25-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

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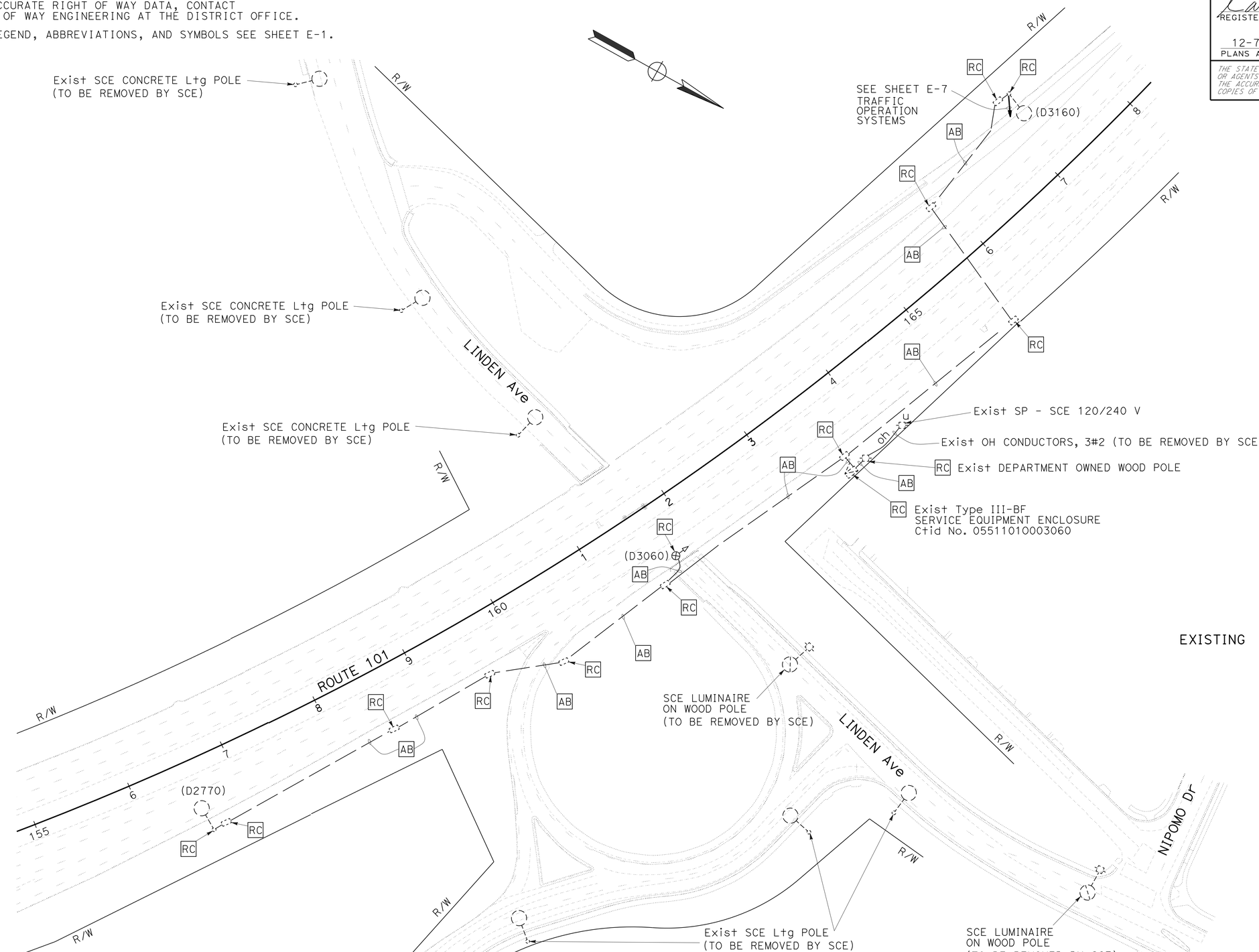

EXISTING

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LIGHTING

SCALE: 1"=50'

E-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **ELECTRICAL DESIGN**

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CALCULATED-DESIGNED BY: XAVIER ALFARO
CHECKED BY: KARIM ABDOLLAHIAN

REVISED BY: XIA
DATE REVISED: 11-25-15

LAST REVISION: 11-25-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

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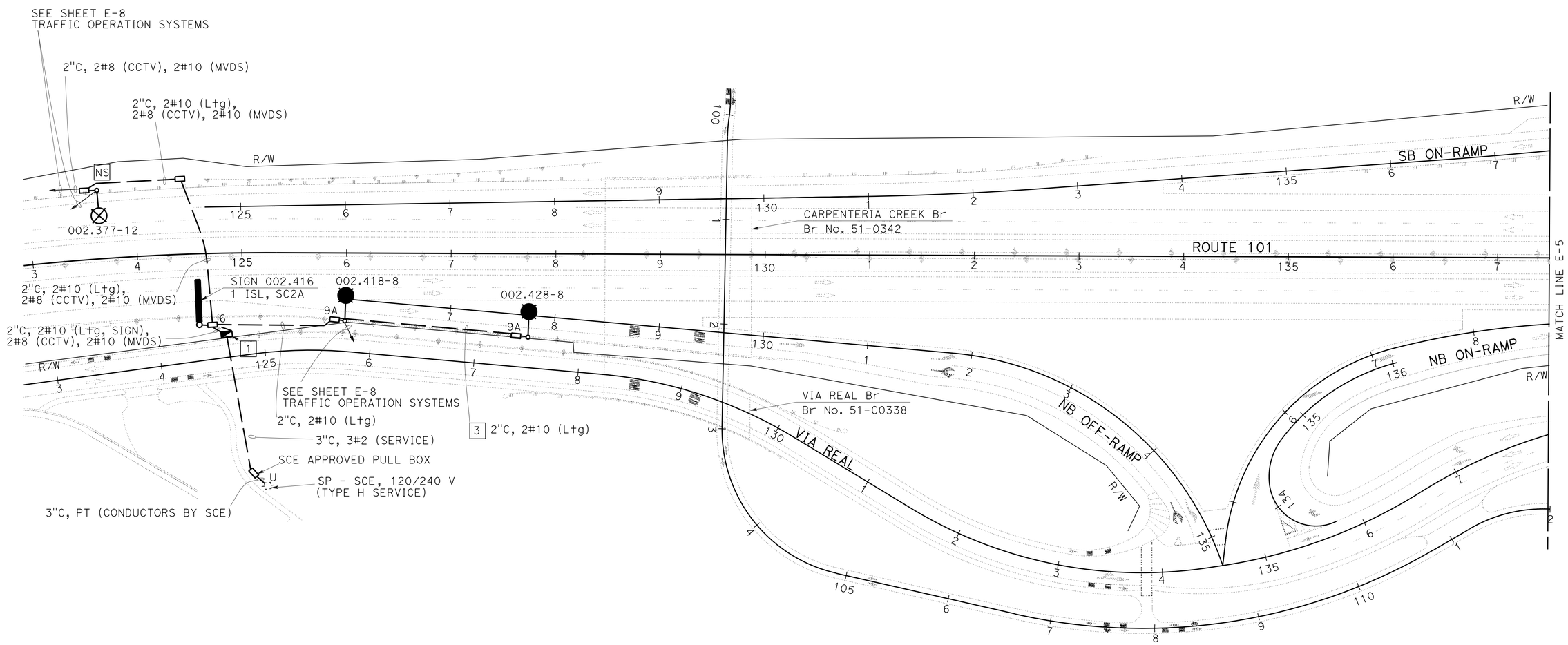

LIGHTING

SCALE: 1"=50' **E-4**

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REVISED BY	XIA
DATE REVISED	11-25-15
CALCULATED-DESIGNED BY	XAVIER ALFARO
CHECKED BY	KARIM ABDOLLAHIAN
FUNCTIONAL SUPERVISOR	ALI BAKHDOUD

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **ELECTRICAL DESIGN**

LAST REVISION 11-25-15
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

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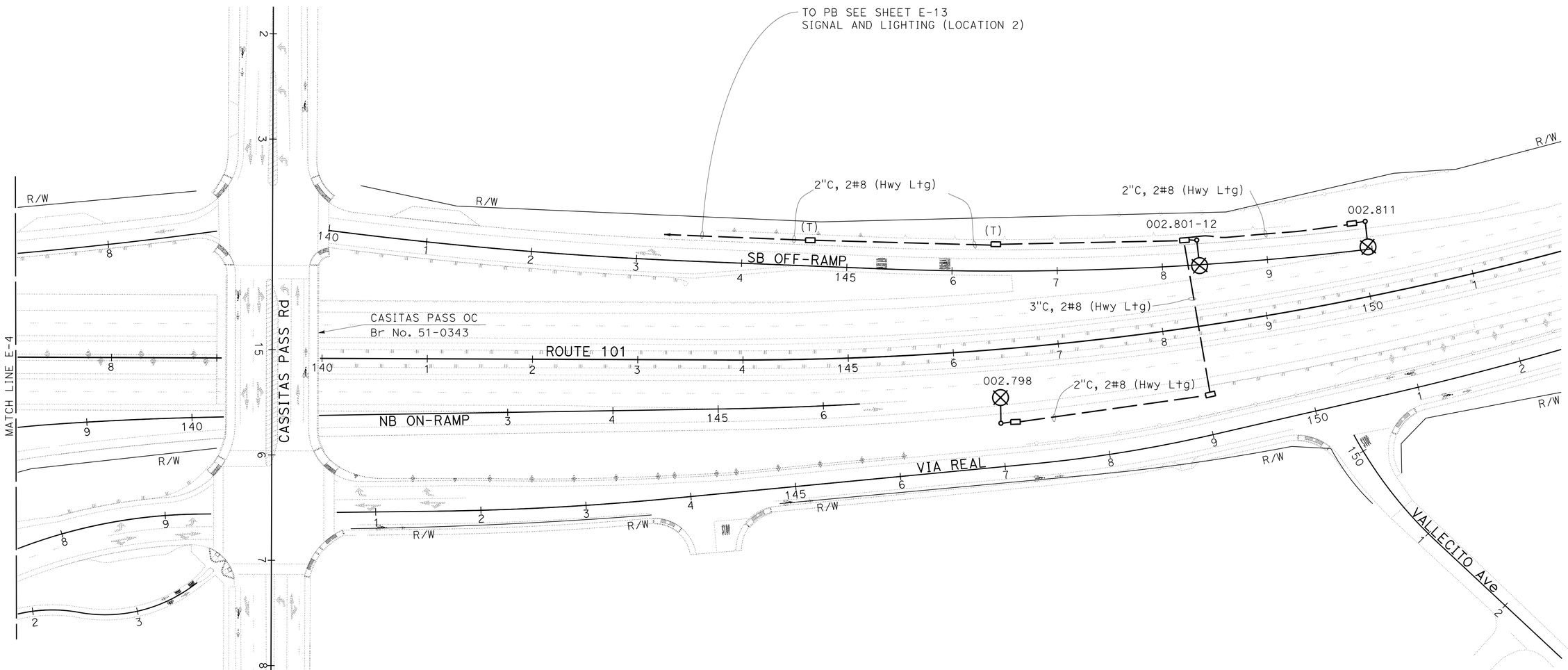

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LIGHTING

SCALE: 1"=50' **E-5**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **ELECTRICAL DESIGN**

FUNCTIONAL SUPERVISOR: ALI BAKHDOUD
CALCULATED-DESIGNED BY: XAVIER ALFARO
CHECKED BY: KARIM ABDOLLAHIAN
REVISED BY: XIA
DATE REVISED: 11-25-15

LAST REVISION 11-25-15
DATE PLOTTED => 26-JAN-2016
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Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER XAVIER I. ALFARO No. E17488 Exp. 6-30-17 ELECTRICAL STATE OF CALIFORNIA

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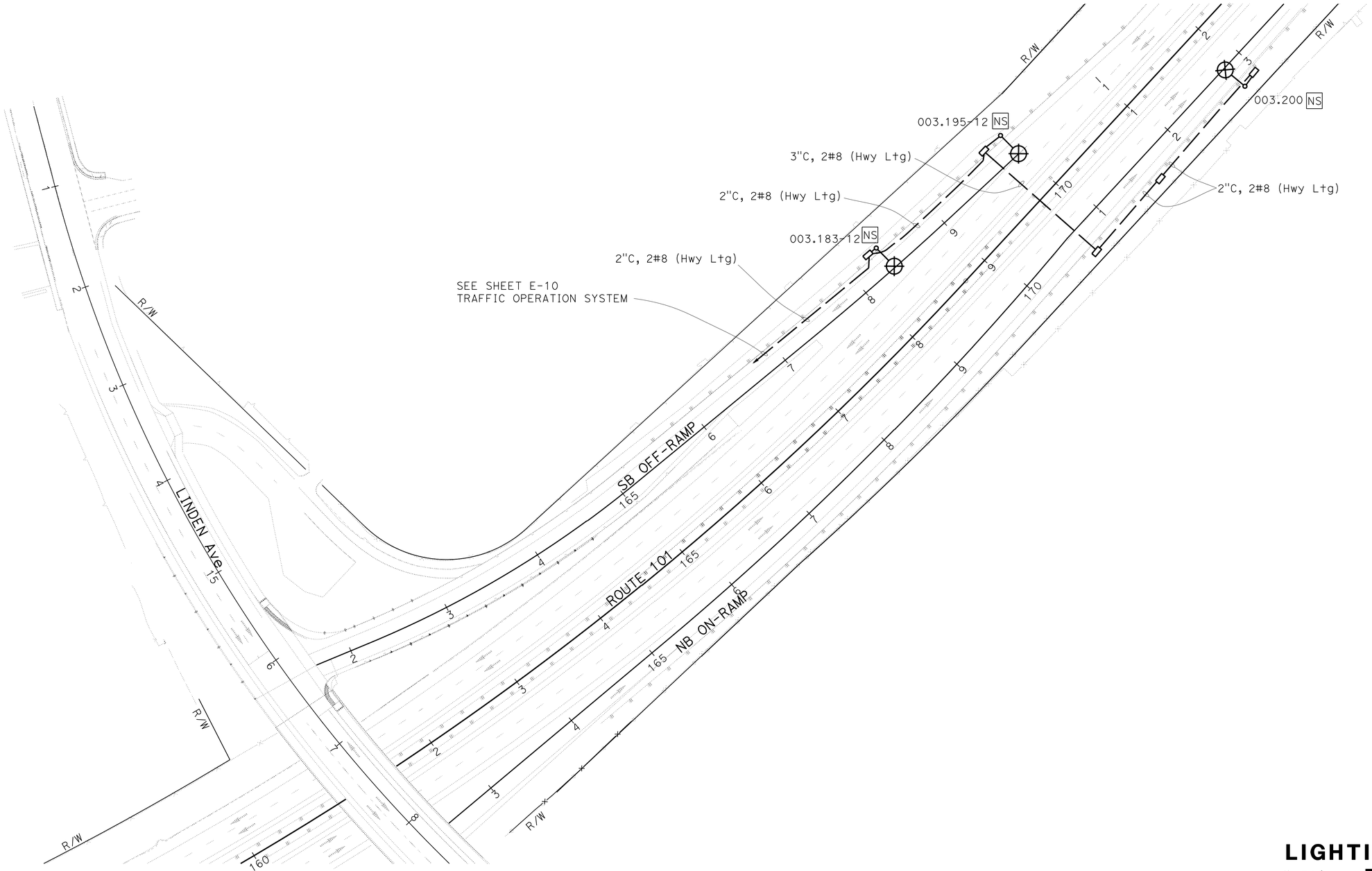

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LIGHTING

SCALE: 1"=50'

E-6

REVISED BY	DATE REVISED
XIA	11-25-15

XAVIER ALFARO — KARIM ABDOLLAHIAN — CALCULATED-DESIGNED BY / CHECKED BY

FUNCTIONAL SUPERVISOR: ALI BAKHDOUD

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **ELECTRICAL DESIGN**

LAST REVISION 11-25-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:21

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Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

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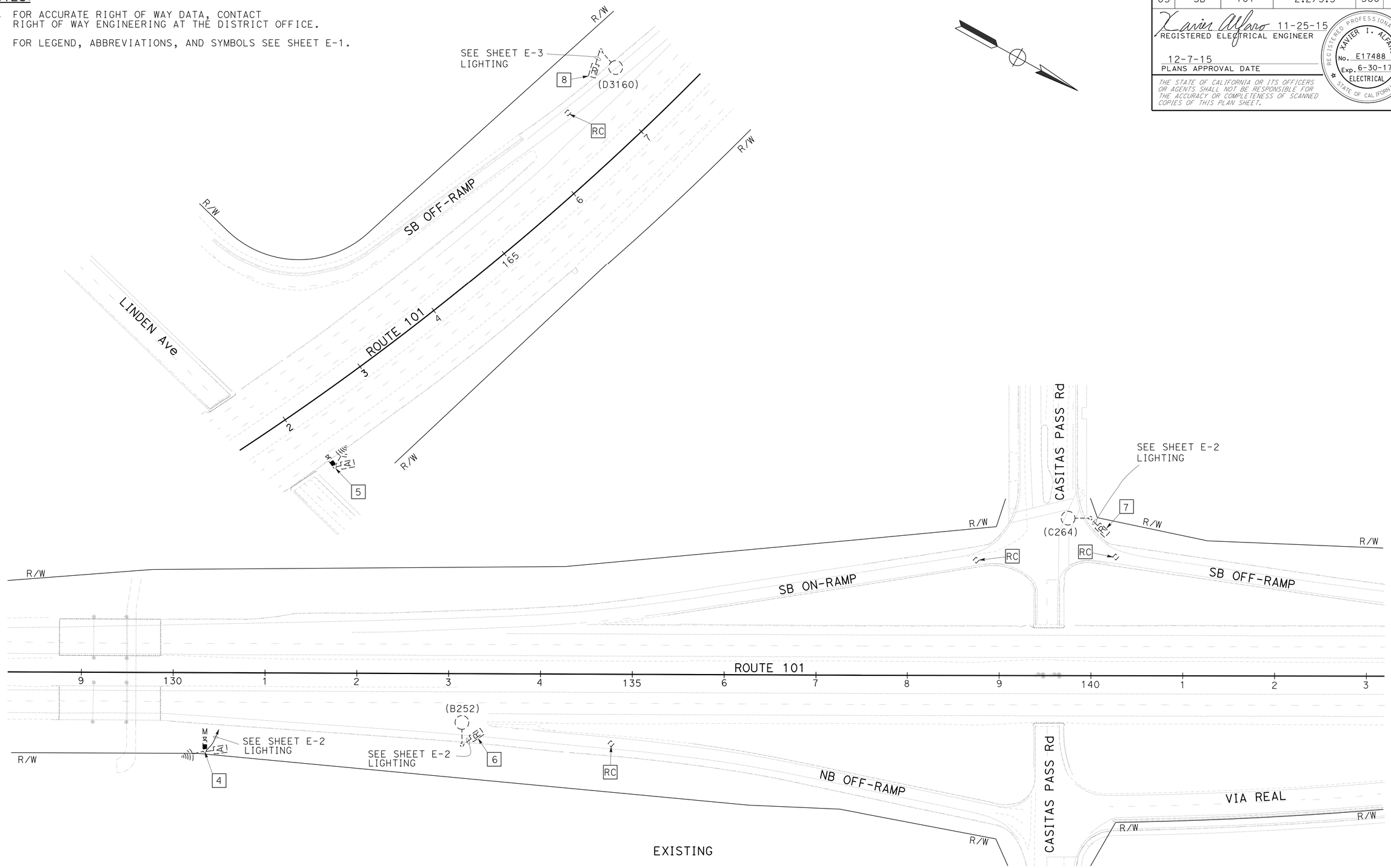

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TRAFFIC OPERATION SYSTEMS

SCALE: 1"=50'

E-7

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **ELECTRICAL DESIGN**

FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
ALI BAKHDOUD	XAVIER ALFARO	KARIM ABDOLLAHIAN	XIA	11-25-15

LAST REVISION 11-25-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:21

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05	SB	101	2.2/3.3	381	786

Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

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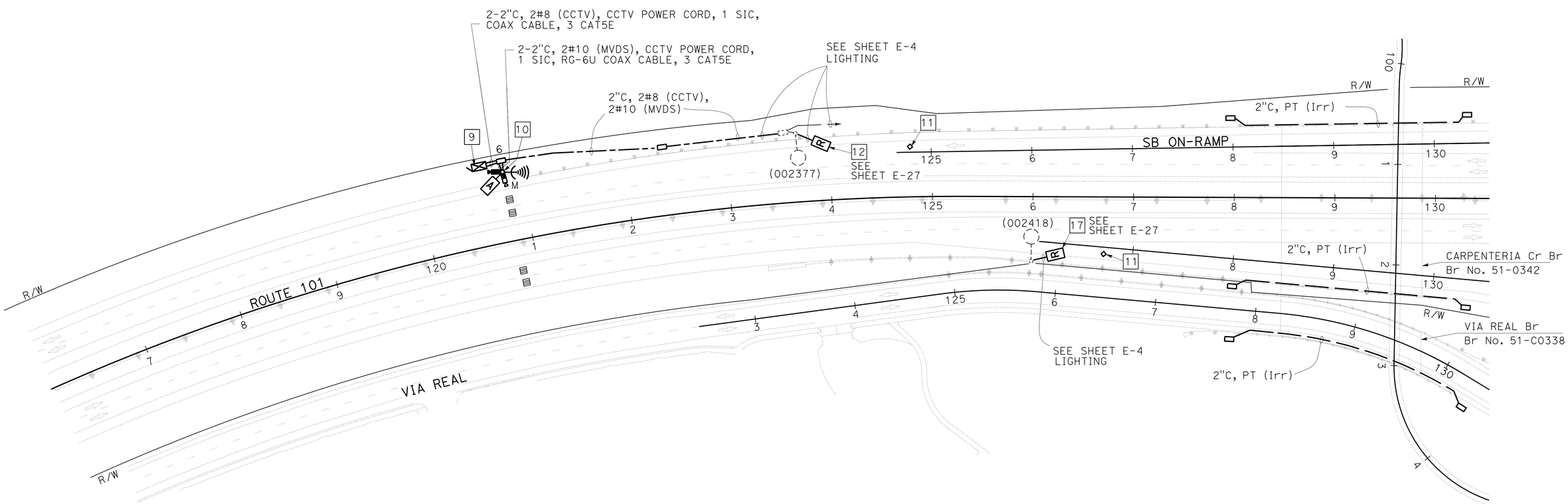

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TRAFFIC OPERATION SYSTEMS

SCALE: 1"=50'

E-8

REVISED BY	DATE REVISED
XIA	11-25-15

CALCULATED-DESIGNED BY: XAVIER ALFARO
CHECKED BY: KARIM ABDOLLAHIAN
FUNCTIONAL SUPERVISOR: ALI BAKHDOUD

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **ELECTRICAL DESIGN**

LAST REVISION 11-25-15
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05	SB	101	2.2/3.3	382	786

Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

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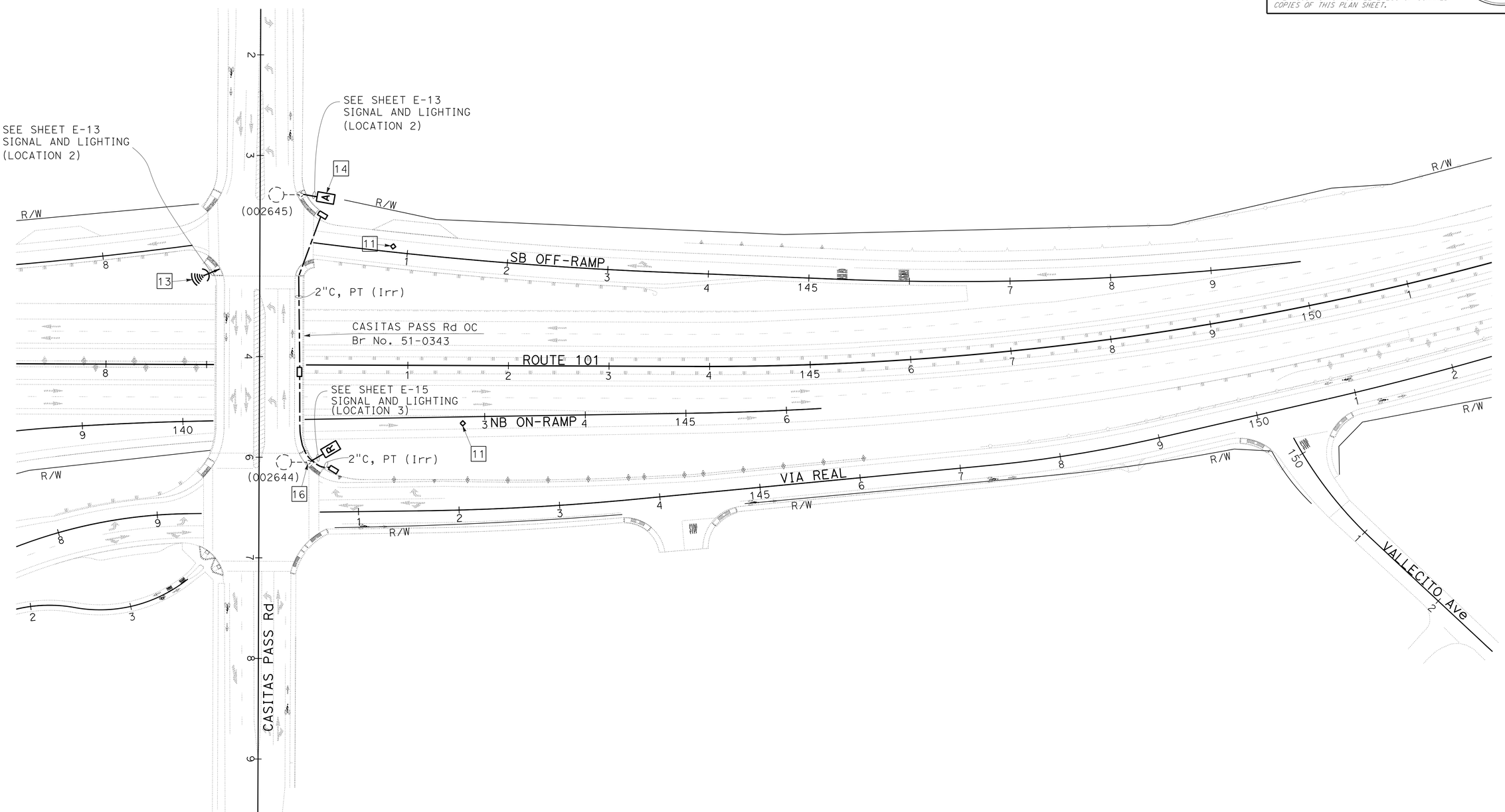

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TRAFFIC OPERATION SYSTEMS

SCALE: 1"=50'

E-9

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **ELECTRICAL DESIGN**

FUNCTIONAL SUPERVISOR: ALI BAKHOUD
CALCULATED-DESIGNED BY: XAVIER ALFARO
CHECKED BY: KARIM ABDOLLAHIAN
REVISED BY: XIA
DATE REVISED: 11-25-15

LAST REVISION 11-25-15
DATE PLOTTED => 26-JAN-2016
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER XAVIER I. ALFARO No. E17488 Exp. 6-30-17 ELECTRICAL STATE OF CALIFORNIA

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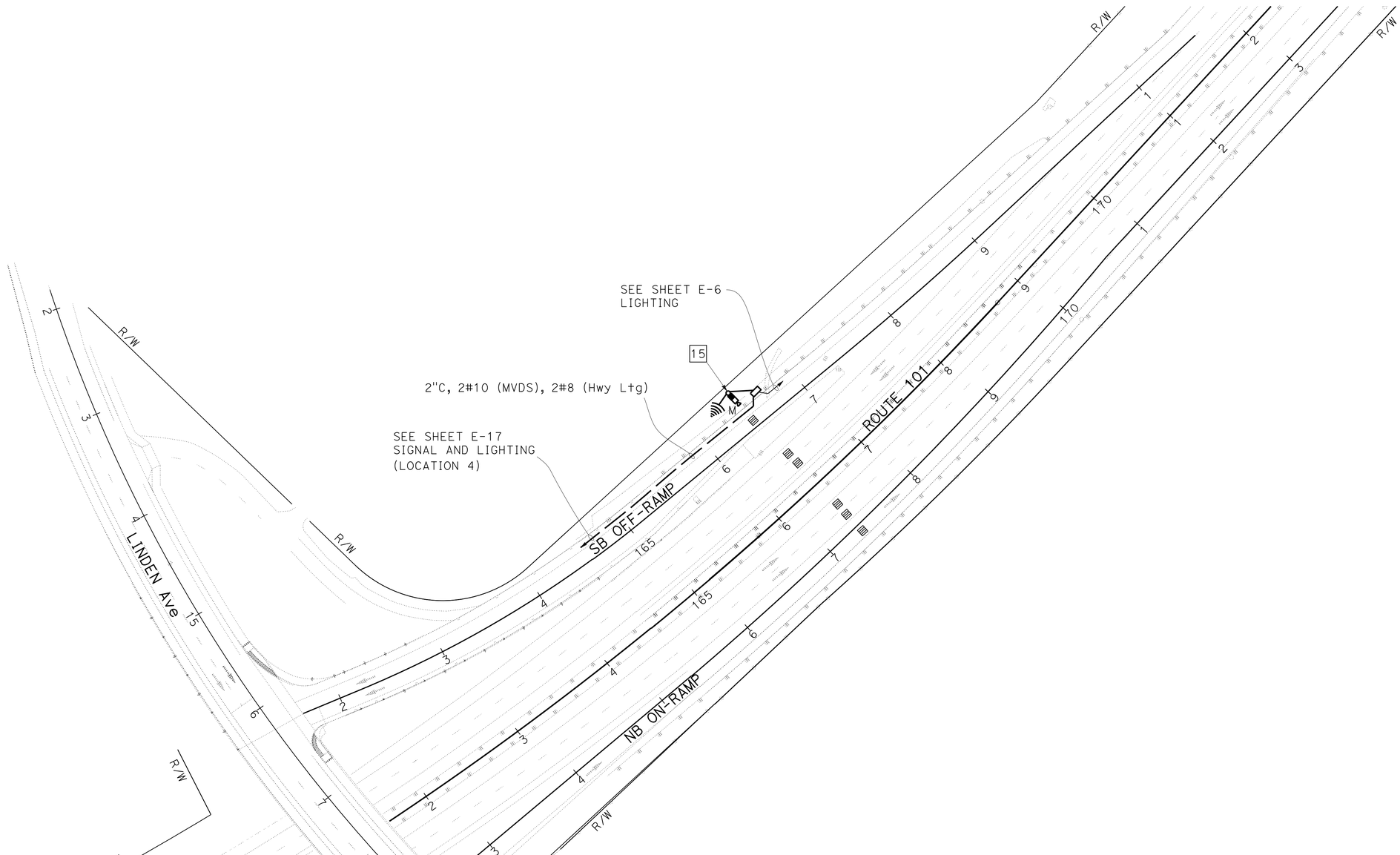

APPROVED FOR ELECTRICAL WORK ONLY

TRAFFIC OPERATION SYSTEMS

SCALE: 1"=50'

E-10

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **ELECTRICAL DESIGN**

FUNCTIONAL SUPERVISOR: ALI BAKHDOUD
CALCULATED-DESIGNED BY: XAVIER ALFARO
CHECKED BY: KARIM ABDOLLAHIAN
REVISED BY: XIA
DATE REVISED: 11-25-15

LAST REVISION 11-25-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:21

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Xavier Alfaro 11-25-15
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NOTES:

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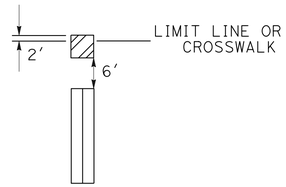
2. FOR LEGEND AND SCHEDULES SEE SHEET E-12.

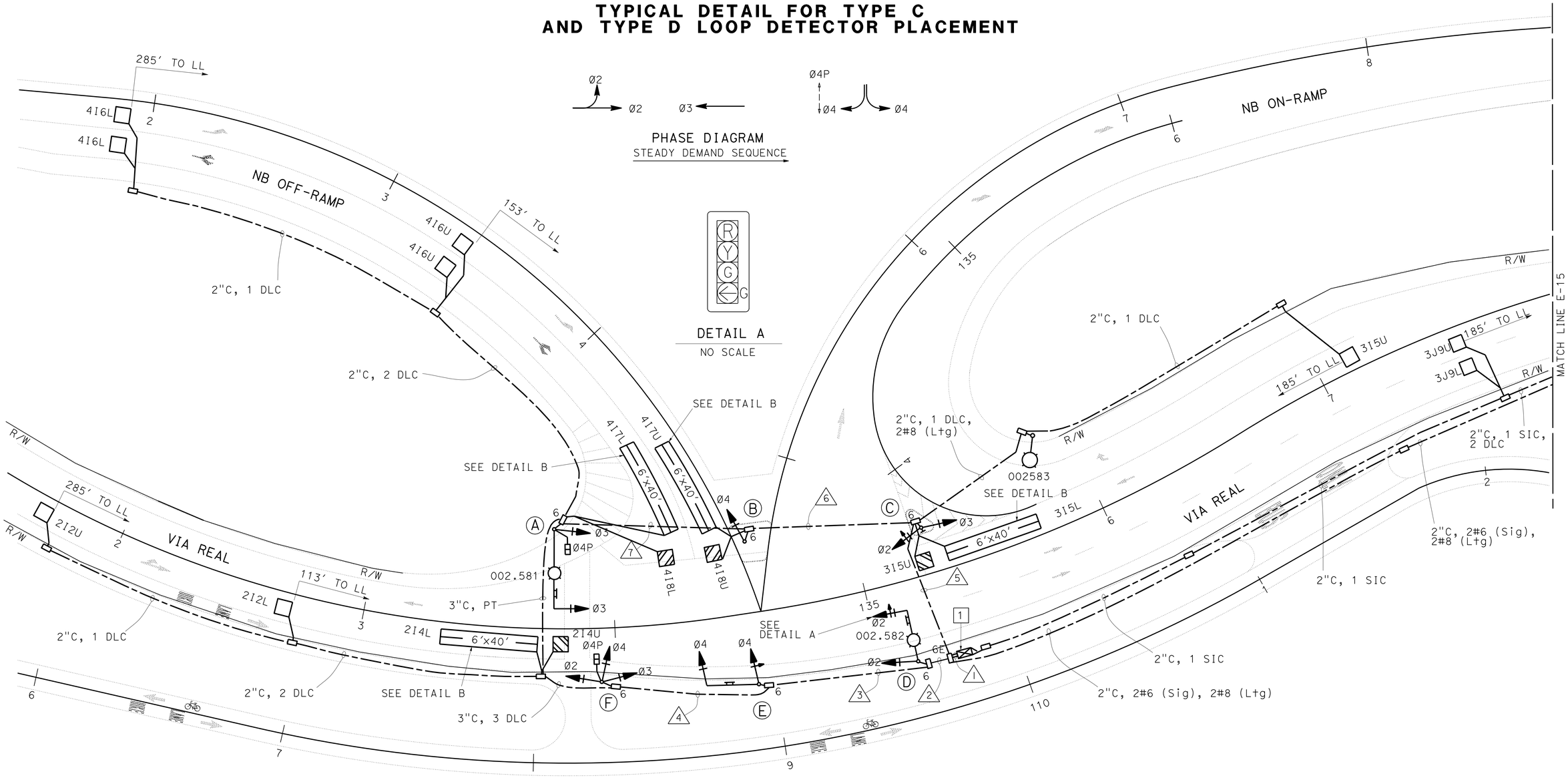


DETAIL B

TYPICAL DETAIL FOR TYPE C AND TYPE D LOOP DETECTOR PLACEMENT

PHASE DIAGRAM
STEADY DEMAND SEQUENCE

DETAIL A
NO SCALE



APPROVED FOR ELECTRICAL WORK ONLY

SIGNAL AND LIGHTING
(LOCATION 1)

SCALE: 1"=20'

E-11

REVISED BY	DATE REVISED
XIA	11-25-15

XAVIER ALFARO — KARIM ABDOLLAHIAN — CALCULATED-DESIGNED BY — CHECKED BY

FUNCTIONAL SUPERVISOR: ALI BAKHDOUD

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **ELECTRICAL DESIGN**

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Xavier Alfaro 11-25-15
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LEGEND: (FOR SHEETS E-11 AND E-12)

1. DEPARTMENT-FURNISHED MODEL 2070E CONTROLLER ASSEMBLY. FURNISH AND INSTALL BBS.
2. REFER TO SIGN PLANS FOR SIGN DETAILS.

POLE AND EQUIPMENT SCHEDULE

	STANDARD			Veh Sig Mtg		Ped Sig Mtg	APS		LED Lum	SPECIAL REQUIREMENTS	
No.	TYPE	SMA	LMA	MAST ARM	POLE		Ø	ARROW			
A	19-3-100	30	15	MAS	SV-1-T	SP-1-T	4	←	165 W	INSTALL BICYCLE PBA SIGN INSTALL R3-18 SIGN ON SMA	2
B	1-A	-	-	-	TV-1-T	-	-	-	-		
C	1-A	-	-	-	TV-2-T	-	-	-	-	INSTALL R9-3 AND R9-3BP SIGNS.	2
D	17-3-100	20	10	MAS	SV-1-T	-	-	-	165 W	INSTALL R3-4 SIGN ON SMA	2
E	16-3-100	20	-	MAS	SV-1-T	-	-	-	-	INSTALL D3-1 SNS "VIA REAL" ON SMA	2
F	1-A	-		-	TV-3-T	SP-1-T	4	←	-	INSTALL BICYCLE PBA SIGN	2

CONDUIT AND CONDUCTOR SCHEDULE

CONDUCTOR DESIGNATION			CONDUIT RUN NUMBER AND SIZE						
CABLE TYPE	POLE	PHASE	1	2	3	4	5	6	7
			2-4"	4"	4"	4"	4"	4"	4"
Veh-Ped 12CSC	A	3,4P / 4	1 / 1				1 / 1	1 / 1	1 / 1
	B	4 / -	1				1	1	
	C	2,3 / -	1				1		
	D	2 / -	1	1					
	E	4 / -	1	1	1				
	F	2,3,4,4P / 4	2 / 1	2 / 1	2 / 1	2 / 1			
PBA 3CSC		TOTAL	7 / 2	4 / 1	3 / 1	2 / 1	3 / 1	2 / 1	1 / 1
AWG		CIRCUIT							
#8		LIGHTING		2			2	2	2
		EVUC	3	2	1		1	1	1
#6		Sig	2						
TYPE B DLC									
PHASE									
02			4	4	4	4			
03			3						
04			6				6	6	4
TOTAL			13	4	4	4	9	6	4

SIGNAL AND LIGHTING
(LOCATION 1)

E-12

XIA	11-25-15	XAVIER ALFARO	KARIM ABDOLLAHIAN
REVISED BY	DATE REVISED	CALCULATED-DESIGNED BY	CHECKED BY

FUNCTIONAL SUPERVISOR: ALI BAKHDOUD

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® ELECTRICAL DESIGN

LAST REVISION 11-25-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	386	786

Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER XAVIER I. ALFARO No. E17488 Exp. 6-30-17 ELECTRICAL STATE OF CALIFORNIA

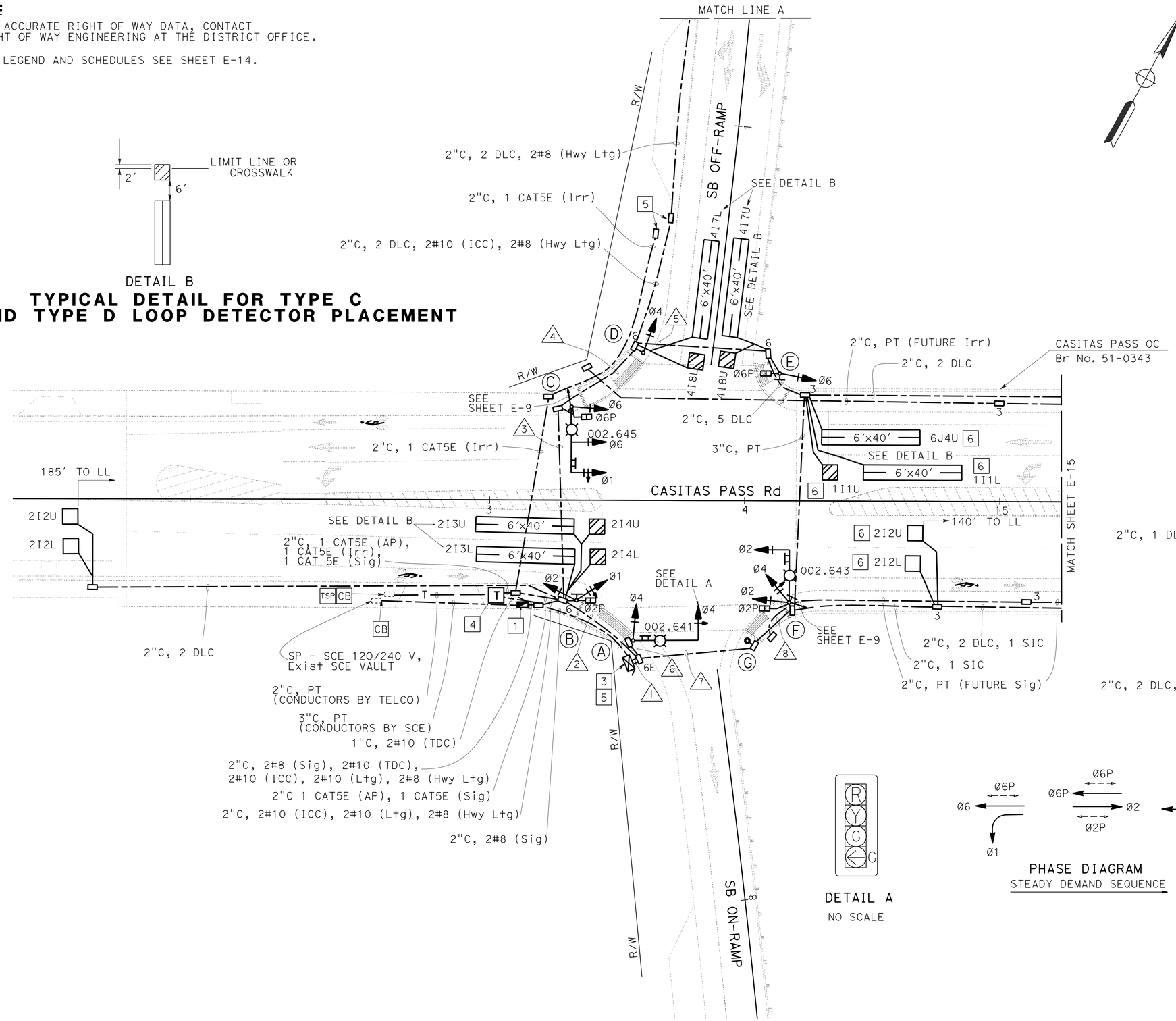
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

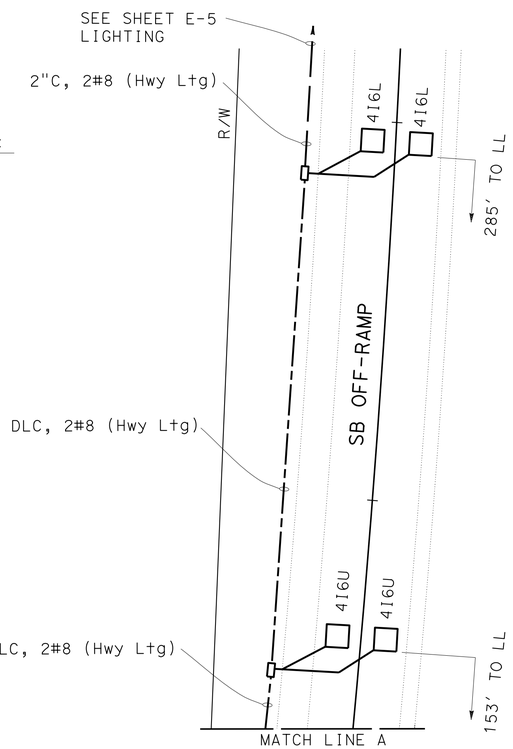
NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. FOR LEGEND AND SCHEDULES SEE SHEET E-14.

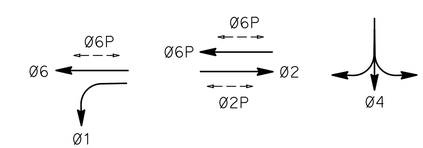
DETAIL B

TYPICAL DETAIL FOR TYPE C AND TYPE D LOOP DETECTOR PLACEMENT





DETAIL A
NO SCALE



PHASE DIAGRAM
STEADY DEMAND SEQUENCE

APPROVED FOR ELECTRICAL WORK ONLY

SIGNAL AND LIGHTING
(LOCATION 2)

SCALE: 1"=20'

E-13

REVISED BY	XIA
DATE REVISED	11-25-15
CALCULATED-DESIGNED BY	XAVIER ALFARO
CHECKED BY	KARIM ABDOLLAHIAN
FUNCTIONAL SUPERVISOR	ALI BAKHDOUD

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® ELECTRICAL DESIGN

LAST REVISION 11-25-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	387	786

Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER XAVIER I. ALFARO No. E17488 Exp. 6-30-17 ELECTRICAL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

LEGEND: (FOR SHEETS E-13 AND E-14)

1 120/240 V, 1Ø, 3-WIRE TYPE III-BF SERVICE EQUIPMENT ENCLOSURE WITH THE FOLLOWING CIRCUIT BREAKERS:
Ctid No. 0551101002635

AMPERES	VOLTS	POLES	NAMEPLATE	METER	PHOTOELECTRIC CONTROL TYPE
100	240	2	MAIN BREAKER	YES	——
30	240	2	INTERSECTION LIGHTING	YES	V
15	120	1	CONTROL	YES	——
40	120	1	Sig (SB RAMPS)	YES	——
20	120	1	ICC	YES	——
20	120	1	TDC	YES	——
30	240	2	HIGHWAY LIGHTING	YES	V
15	120	1	CONTROL	YES	——

2 REFER TO SIGN PLANS FOR SIGN DETAILS.

3 DEPARTMENT-FURNISHED MODEL 2070E CONTROLLER ASSEMBLY. FURNISH AND INSTALL BBS.

4 TYPE B TDC, SEE SHEET E-24 FOR DETAILS.

5 COIL 30' OF CONDUCTOR FOR FUTURE IRRIGATION CONTROLLER SYSTEM.

6 PREFORMED INDUCTIVE LOOP DETECTORS.

CONDUIT AND CONDUCTOR SCHEDULE

CONDUCTOR DESIGNATION			CONDUIT RUN NUMBER AND SIZE							
CABLE TYPE	POLE	PHASE	1	2	3	4	5	6	7	8
			2-4"	4"	4"	4"	4"	4"	4"	4"
Veh-Ped 12CSC	A	4	1					1		
		2	1					1		
	B	1,2,2P	1	1						
	C	1,6,6P	1	1	1					
	D	4	1	1	1	1				
		6	1	1	1	1				
	E	6,6P	1	1	1	1	1			
		6	1	1	1	1	1			
	F	2,4,2P	1						1	1
	G	2	1						1	
PBA 3CSC		TOTAL	6/4	4/2	3/2	2/2	1/1	1/1	1/1	1/0
AWG		CIRCUIT								
#8		Ltg		2	2	2		2	2	2
#8		Hwy Ltg			2	2				
		EVUC	3	1	1			1	1	1
		SIC	1						1	1
		CAT5E (AP)		1					1	1
		CAT5E (Sig)	1	1						
		APS CABLE		1		1				1
DETECTORS-TYPE B DLC										
PHASE										
Ø1			3	3	3	3	3			
Ø2			6	6						
Ø4			6	6	6	6	2			
Ø6			2	2	2	2	2			
TOTAL			17	17	11	11	7	0	0	0

POLE AND EQUIPMENT SCHEDULE

No.	STANDARD TYPE	SMA	LMA	Veh Sig Mtg MAST ARM	Veh Sig Mtg POLE	Ped Sig Mtg	APS Ø	APS ARROW	LED Lum	SPECIAL REQUIREMENTS	
A	19-3-100	25	12	MAT	SV-1-T	-	2	←	165 W	INSTALL SNS "CASITAS PASS Rd" ON SMA	2
B	1-A	-	-	-	TV-2-T	SP-1-T	-	-	-	INSTALL R9-3 SIGN ON Sig POLE	2
C	19-3-100	25	8	MAT MAS	SV-1-T	SP-1-T	-	-	165 W	INSTALL R3-4 SIGN ON SMA, F=12 INSTALL R9-3 SIGN ON Sig POLE	2
D	1-A	-	-	-	TV-1-T	-	6	→	-		
E	1-A	-	-	-	TV-1-T	SP-1-T	6	←	-	INSTALL R9-3 SIGN ON Sig POLE	2
F	17-3-100	20	10	MAT	SV-2-T	SP-1-T	-	-	165 W	INSTALL R3-18 SIGN ON SMA INSTALL R9-3 SIGN ON Sig POLE	2
G	PBA POST	-	-	-	-	-	2	→	-		

SIGNAL AND LIGHTING
(LOCATION 2)

E-14

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® ELECTRICAL DESIGN

FUNCTIONAL SUPERVISOR: ALI BAKHDOUD
CALCULATED-DESIGNED BY: XAVIER ALFARO
CHECKED BY: KARIM ABDOLLAHIAN
REVISED BY: XIA
DATE REVISED: 11-25-15

LAST REVISION 11-25-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	388	786

REGISTERED ELECTRICAL ENGINEER 11-25-15

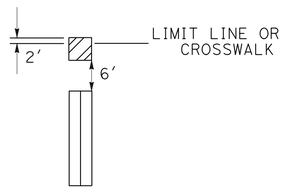
12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER XAVIER I. ALFARO No. E17488 Exp. 6-30-17 ELECTRICAL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

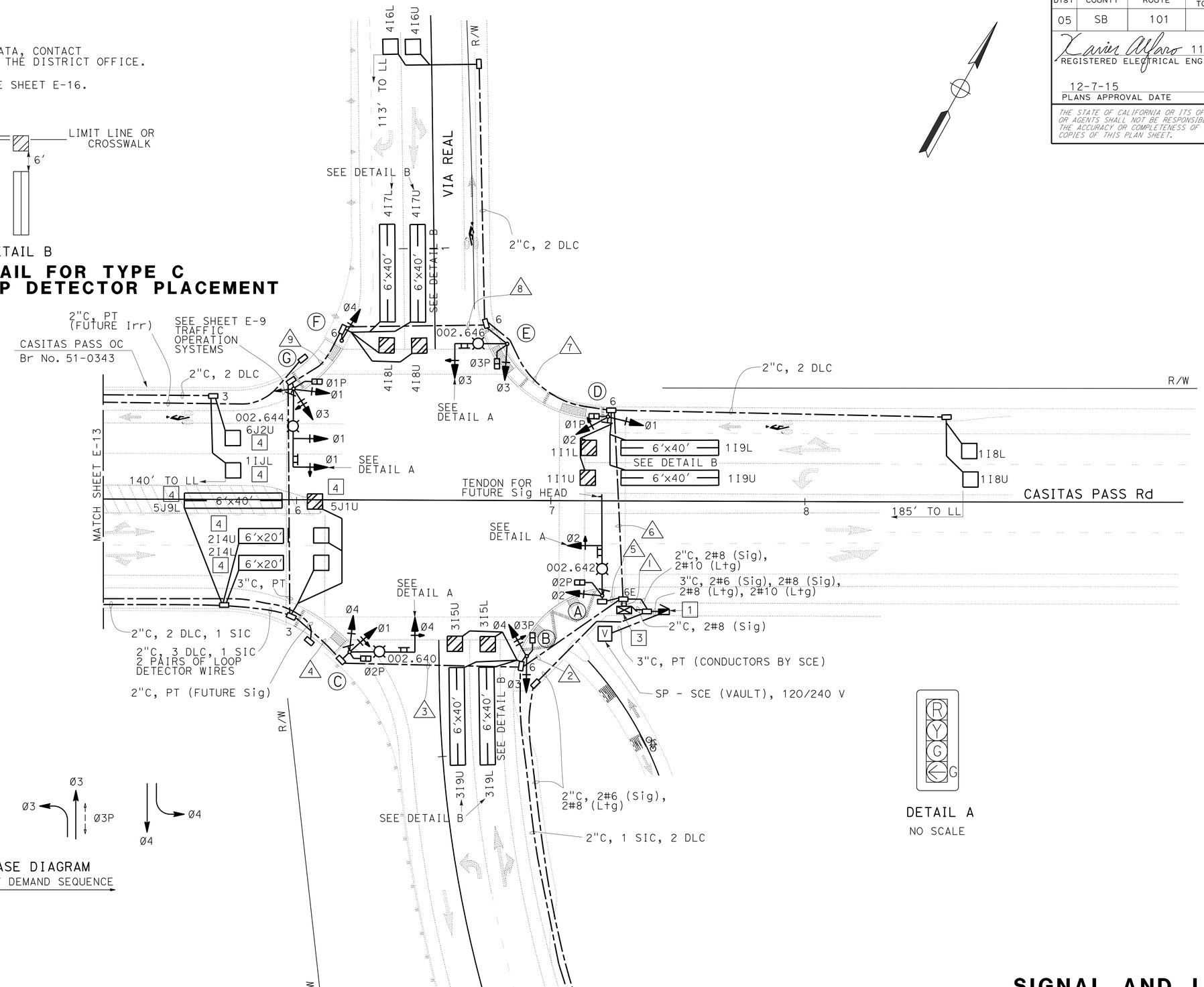
NOTES:

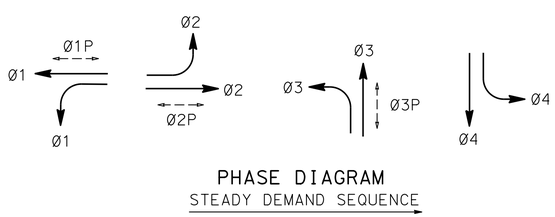
1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. FOR LEGEND AND SCHEDULES SEE SHEET E-16.



DETAIL B

TYPICAL DETAIL FOR TYPE C AND TYPE D LOOP DETECTOR PLACEMENT





PHASE DIAGRAM
STEADY DEMAND SEQUENCE

DETAIL A
NO SCALE

APPROVED FOR ELECTRICAL WORK ONLY

SIGNAL AND LIGHTING
(LOCATION 3)

SCALE: 1"=20'

E-15

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® ELECTRICAL DESIGN

FUNCTIONAL SUPERVISOR: ALI BAKHDOUD
CALCULATED-DESIGNED BY: XAVIER ALFARO
CHECKED BY: KARIM ABDOLLAHIAN
REVISED BY: XIA
DATE REVISED: 11-25-15

LAST REVISION 11-25-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	389	786

Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER XAVIER I. ALFARO No. E17488 Exp. 6-30-17 ELECTRICAL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

LEGEND: (FOR SHEETS E-15 AND E-16)

1 120/240 V, 1Ø, 3-WIRE TYPE III-BF SERVICE EQUIPMENT ENCLOSURE WITH THE FOLLOWING CIRCUIT BREAKERS:

Ctid No. 0551101002634

AMPERES	VOLTS	POLES	NAMEPLATE	METER	PHOTOELECTRIC CONTROL TYPE
100	240	2	MAIN BREAKER	YES	——
40	120	1	Sig (NB RAMP)	YES	——
30	240	2	INTERSECTION LIGHTING	YES	V
15	120	1	CONTROL	YES	——
40	120	1	Sig (CASITAS PASS)	YES	——
30	240	2	INTERSECTION LIGHTING	YES	V
15	120	1	CONTROL	YES	——
20	120	1	STATE ICC (FUTURE)	YES	——

2 REFER TO SIGN PLANS FOR SIGN DETAILS.

3 DEPARTMENT-FURNISHED MODEL 2070E CONTROLLER ASSEMBLY. FURNISH AND INSTALL BBS.

4 PREFORMED INDUCTIVE LOOP DETECTORS.

CONDUIT AND CONDUCTOR SCHEDULE

CONDUCTOR DESIGNATION			CONDUIT RUN NUMBER AND SIZE								
CABLE TYPE	POLE	PHASE	1	2	3	4	5	6	7	8	9
			2-4"	4"	4"	4"	4"	4"	4"	4"	4"
Veh-Ped 12CSC	A	2,2P	1 / 1 / 3				1 / 1				
	B	3,4,3P	1 / 1 / 1 / 2	1 / 1 / 1							
	C	1,4,2P	1 / 1 / 2	1 / 1	1 / 1						
	D	1,2,1P	1 / 1 / 3					1 / 1			
	E	3,3P	1 / 1 / 1					1 / 1	1 / 1		
	F	4	1 / 1 / 1					1 / 1	1 / 1	1 / 1	
	G	1,3,1P	1					1	1	1	1
PBA 3CSC		TOTAL	7 / 6	2 / 2	1 / 1	0 / 0	1 / 1	4 / 3	3 / 2	2 / 1	1 / 0
AWG		CIRCUIT									
#10		LIGHTING		2	2		2	2	2	2	2
#8		SIGNAL	2								
		SIC	2	2	1	1					
		EVUC	4	1	1		1	2	2	1	1
		APS CABLE		2					2		1
DETECTORS-TYPE B DLC											
PHASE											
Ø1			6					6			
Ø2			4	4	4	4					
Ø3			6	6							
Ø4			6					6	6	4	
Ø5			2	2	2	2					
TOTAL			24	12	6	6	0	12	6	4	0

POLE AND EQUIPMENT SCHEDULE

No.	STANDARD TYPE	STANDARD SMA	STANDARD LMA	Veh Sig Mtg MAST ARM	Veh Sig Mtg POLE	Ped Sig Mtg	APS Ø	APS ARROW	LED Lum	SPECIAL REQUIREMENTS	
A	24-4-100	40	12	MAT MAS	SV-1-T	SP-1-T	3	←	165 W	INSTALL SNS "VIA REAL" ON SMA INSTALL R9-3 AND R3-4 SIGN ON SMA	2
B	1-A	-	-	-	TV-2-T	SP-1-T	2	→			
C	19-3-100	25	15	MAT	SV-2-T	SP-1-T	2	←	165 W	INSTALL R9-3 SIGN ON Sig POLE INSTALL SNS "CASITAS PASS Rd" ON SMA	2
D	1-A	-	-	-	TV-2-T	SP-1-T	3	→		INSTALL R9-3 SIGN ON Sig POLE	
E	19-3-100	20	12	MAT	SV-1-T	SP-1-T	1	←	165 W	INSTALL SNS "CASITAS PASS Rd" ON SMA	2
F	1-A	-	-	-	TV-1-T	-	1	→			
G	19-3-100	30	12	MAT MAS	SV-2-T	SP-1-T	-	-	165 W	INSTALL SNS "VIA REAL" ON SMA, F=12 INSTALL R9-3 AND R3-4 SIGN ON Sig POLE	2

SIGNAL AND LIGHTING
(LOCATION 3)

E-16

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® ELECTRICAL DESIGN

FUNCTIONAL SUPERVISOR: ALI BAKHDOUD
CALCULATED-DESIGNED BY: XAVIER ALFARO
CHECKED BY: KARIM ABDOLLAHIAN
REVISED BY: XIA
DATE REVISED: 11-25-15

LAST REVISION 11-25-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	390	786

Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER XAVIER I. ALFARO No. E17488 Exp. 6-30-17 ELECTRICAL STATE OF CALIFORNIA

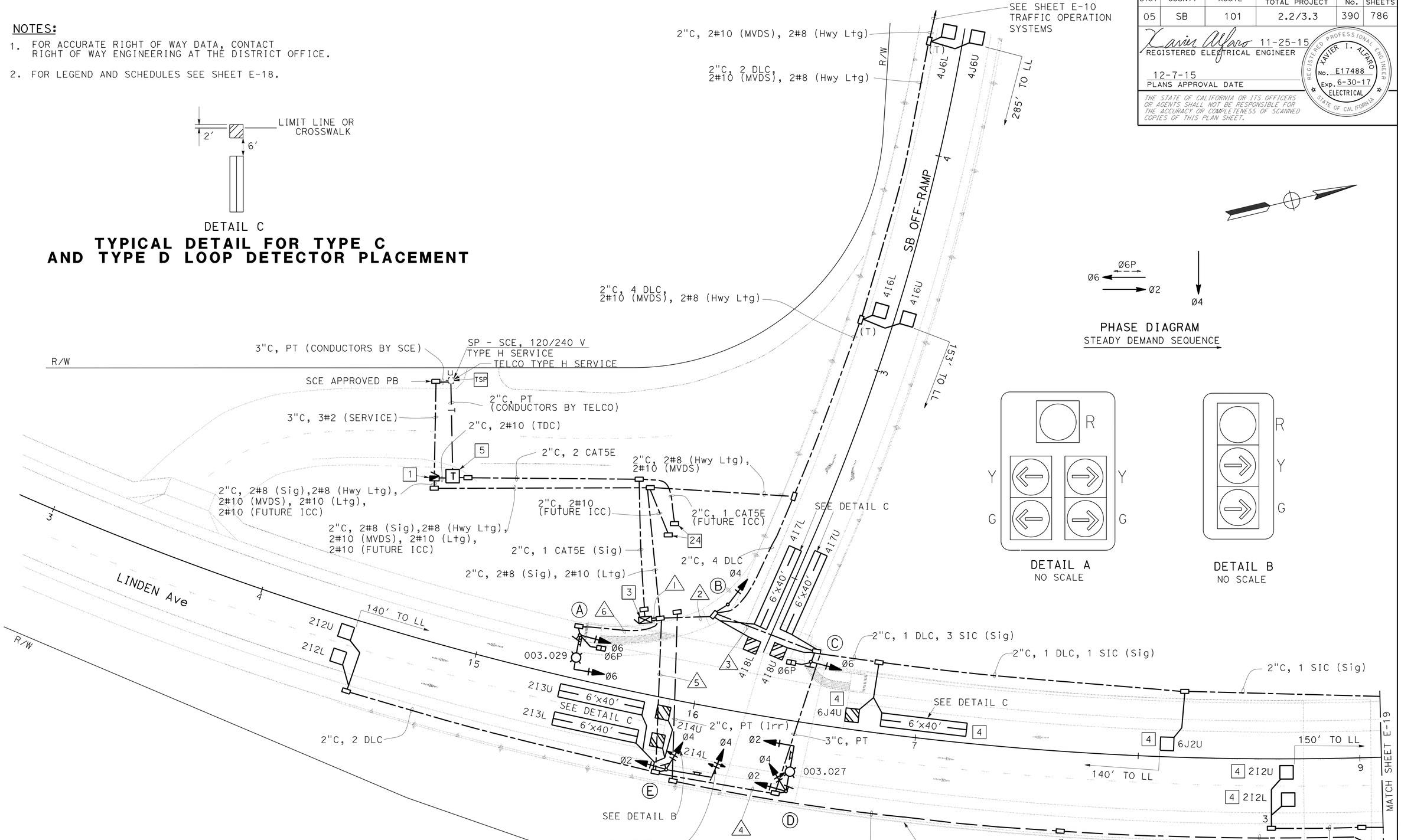
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. FOR LEGEND AND SCHEDULES SEE SHEET E-18.

DETAIL C

TYPICAL DETAIL FOR TYPE C AND TYPE D LOOP DETECTOR PLACEMENT



APPROVED FOR ELECTRICAL WORK ONLY

SIGNAL AND LIGHTING
(LOCATION 4)
SCALE: 1"=20'

E-17

REVISED BY	DATE REVISED
XIA	11-25-15

XAVIER ALFARO — KARIM ABDOLLAHIAN — CALCULATED-DESIGNED BY — CHECKED BY — FUNCTIONAL SUPERVISOR — ALI BAKHDOUD

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
ELECTRICAL DESIGN

LAST REVISION 11-25-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	391	786

Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER XAVIER I. ALFARO No. E17488 Exp. 6-30-17 ELECTRICAL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

LEGEND: (FOR SHEETS E-17 AND E-18)

1. 120/240 V, 1Ø, 3-WIRE TYPE III-BF SERVICE EQUIPMENT ENCLOSURE WITH THE FOLLOWING CIRCUIT BREAKERS: Ctid No. 0551101003059

AMPERES	VOLTS	POLES	NAMEPLATE	METER	PHOTOELECTRIC CONTROL TYPE
100	240	2	MAIN BREAKER	YES	——
30	240	2	LIGHTING	YES	V
15	120	1	CONTROL	YES	——
40	120	1	SIG (LINDEN Ave)	YES	——
20	120	1	STATE ICC (FUTURE)	YES	——
20	120	1	TDC	YES	——
30	240	2	HIGHWAY LIGHTING	YES	V
15	120	1	CONTROL	YES	——

2. REFER TO SIGN PLANS FOR SIGN DETAILS.
3. DEPARTMENT-FURNISHED MODEL 2070E CONTROLLER ASSEMBLY. FURNISH AND INSTALL BBS.
4. PREFORMED INDUCTIVE LOOP DETECTORS.
5. TYPE B TDC.

POLE AND EQUIPMENT SCHEDULE

No.	STANDARD TYPE	STANDARD SMA	STANDARD LMA	Veh Sig Mtg MAST ARM	Veh Sig Mtg POLE	Ped Sig Mtg	APS Ø	APS ARROW	LED Lum	SPECIAL REQUIREMENTS
A	17-3-100	15′	8′	MAS	SV-1-T	SP-1-T	6	←	165 W	INSTALL R9-3 SIGN ON Sig POLE INSTALL R3-18 SIGN ON SMA [2]
B	1-A	-	-	-	TV-1-T	-	-	-	-	
C	1-A	-	-	-	TV-1-T	SP-1-T	6	←	-	INSTALL R9-3 SIGN ON Sig POLE [2]
D	17-3-100	20′	8′	MAS	SV-2-T	-	-	-	165 W	INSTALL R9-3 SIGN ON Sig POLE INSTALL R3-18 SIGN ON SMA
E	16-3-100	20′	-	MAS	SV-2-T	-	-	-	-	INSTALL R9-3 SIGN ON Sig POLE INSTALL SNS "LINDEN Ave" ON SMA [2]

CONDUIT AND CONDUCTOR SCHEDULE

CONDUCTOR DESIGNATION: CABLE TYPE	POLE	PHASE	CONDUIT RUN NUMBER AND SIZE: 1 (2-4")	2 (4")	3 (4")	4 (4")	5 (4")	6 (4")
Veh-Ped 12CSC	A	6,6P / 6	1 / 1	– / –	– / –	– / –	– / –	1 / 1
	B	4 / –	1	1	– / –	– / –	– / –	– / –
	C	6,6P / 6	1 / 1	1 / 1	1 / 1	– / –	– / –	– / –
	D	2,4 / –	1 / –	– / –	– / –	1 / –	1 / –	– / –
	E	2,4 / –	1 / –	– / –	– / –	– / –	1	– / –
PBA 3CSC		TOTAL	5 / 2	2 / 1	1 / 1	1 / –	2 / –	1 / 1
AWG		CIRCUIT						
#10		LIGHTING	–	–	–	2	2	2
#8		Sig	2	–	–	–	–	–
		EVUC	3	–	–	1	2	1
		SIC	1	1	1	–	–	–
DETECTORS-TYPE B DLC								
PHASE								
Ø2			6	–	–	–	6	–
Ø4			8	8	–	–	–	–
Ø6			3	3	3	–	–	–
TOTAL			17	11	3	0	6	0

SIGNAL AND LIGHTING
(LOCATION 4)

E-18

XIA 11-25-15 REVISED BY DATE REVISED
XAVIER ALFARO KARIM ABDOLLAHIAN CALCULATED-DESIGNED BY CHECKED BY
FUNCTIONAL SUPERVISOR ALI BAKHDOUD
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN

LAST REVISION 11-25-15 DATE PLOTTED => 26-JAN-2016 TIME PLOTTED => 14:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	392	786

REGISTERED ELECTRICAL ENGINEER 11-25-15

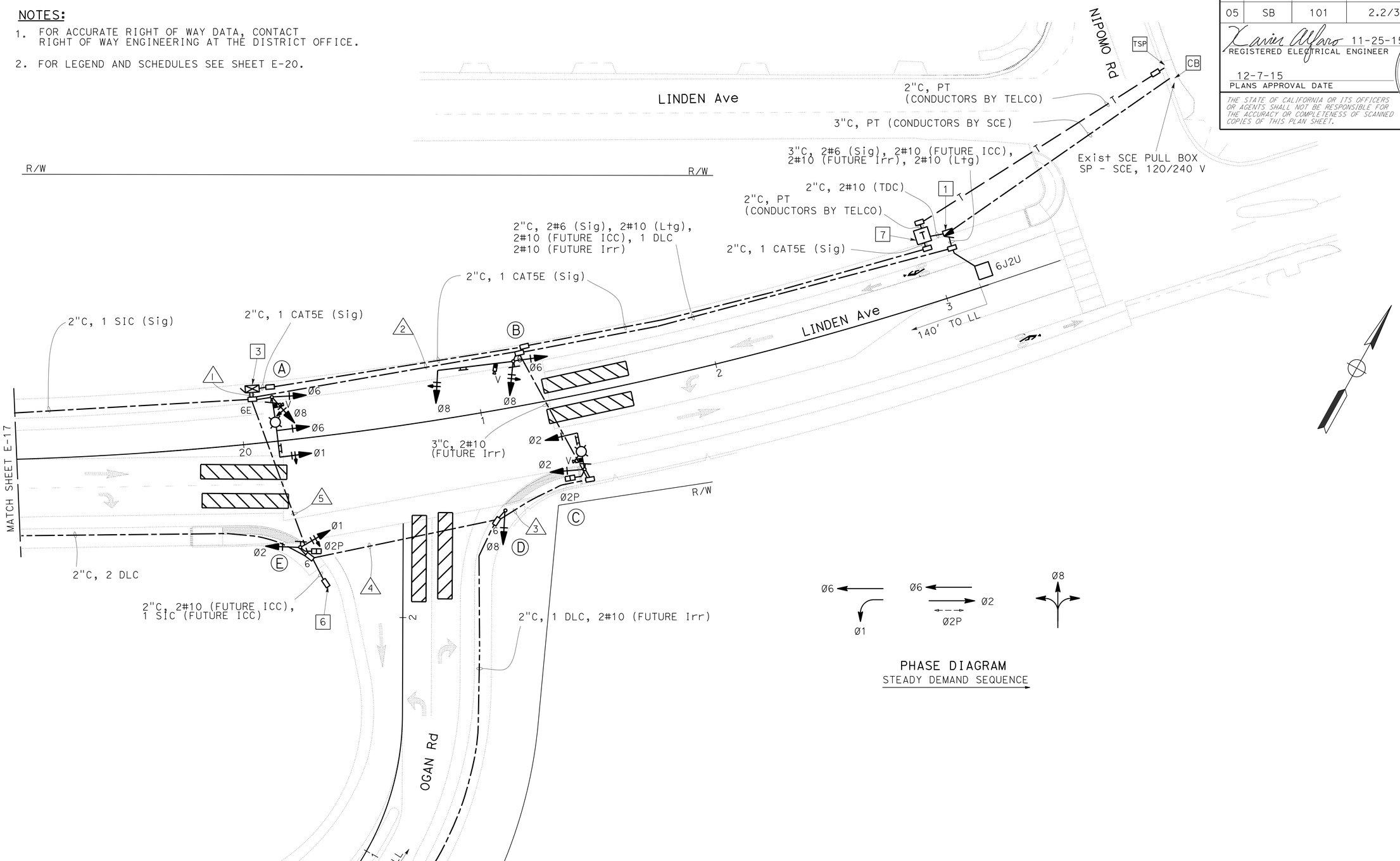
12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER XAVIER I. ALFARO No. E17488 Exp. 6-30-17 ELECTRICAL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. FOR LEGEND AND SCHEDULES SEE SHEET E-20.



APPROVED FOR ELECTRICAL WORK ONLY

SIGNAL AND LIGHTING
(CITY STREET)

SCALE: 1"=20'

E-19

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN

FUNCTIONAL SUPERVISOR: ALI BAKHDOUD
CALCULATED-DESIGNED BY: XAVIER ALFARO
CHECKED BY: KARIM ABDOLLAHIAN
REVISED BY: XIA
DATE REVISED: 11-25-15

LAST REVISION 11-25-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	393	786

Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER XAVIER I. ALFARO No. E17488 Exp. 6-30-17 ELECTRICAL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

LEGEND: (FOR SHEETS E-19 AND E-20)

1 120/240 V, 1Ø, 3-WIRE TYPE III-BF SERVICE EQUIPMENT ENCLOSURE WITH THE FOLLOWING CIRCUIT BREAKERS:

CITY OF CARPENTERIA

AMPERES	VOLTS	POLES	NAMEPLATE	METER	PHOTOELECTRIC CONTROL TYPE
100	240	2	MAIN BREAKER	YES	——
40	120	1	CITY Sig (LINDEN)	YES	——
20	120	1	CITY ICC (FUTURE)	YES	——
20	120	1	TDC	YES	——
30	240	2	LIGHTING	YES	V
15	120	1	CONTROL	YES	——
20	120	1	CITY Irr (FUTURE)	YES	——
20	120	1	SPARE	YES	——

2 REFER TO SIGN PLANS FOR SIGN DETAILS.

3 DEPARTMENT-FURNISHED MODEL 2070E CONTROLLER ASSEMBLY. FURNISH AND INSTALL BBS AND VIVDS EQUIPMENT.

4 VIDEO IMAGE SENSOR ASSEMBLY ON LMA.

5 VIDEO IMAGE SENSOR ASSEMBLY ON SMA.

6 COIL 30' OF CONDUCTOR FOR FUTURE IRRIGATION CONTROLLER SYSTEM.

7 TYPE B TDC

8 COIL 30' OF CONDUCTOR FOR FUTURE IRRIGATION SYSTEM.

POLE AND EQUIPMENT SCHEDULE

No.	STANDARD TYPE	STANDARD SMA	STANDARD LMA	Veh Sig Mtg MAST ARM	Veh Sig Mtg POLE	Ped Sig Mtg	APS Ø	APS ARROW	LED Lum	SPECIAL REQUIREMENTS
A	19-4-100	25'	8'	MAT MAS	SV-2-T	-	-	-	165 W	INSTALL R9-3 SIGN ON SIG POLE INSTALL R3-4 SIGN ON SMA [4] [2]
B	18-3-100	30'	-	MAT	SV-2-T	-	-	-		INSTALL R9-3 SIGN ON SIG POLE INSTALL R3-4 SIG ON SMA INSTALL SNS "LINDEN AVe" ON SMA [5] [2]
C	17-3-100	15'	8'	MAT	SV-1-T	SP-1-T	2	←	165 W	INSTALL R9-3 SIGN ON SIG POLE INSTALL R3-18 SIGN ON SMA [4] [2]
D	1-A	-	-	-	TV-1-T	-	2	→	-	
E	1-A	-	-	-	TV-2-T	SP-1-T	2	←	-	INSTALL R9-3 SIGN ON SIG POLE [2]

CONDUIT AND CONDUCTOR SCHEDULE

CONDUCTOR DESIGNATION			CONDUIT RUN NUMBER AND SIZE				
CABLE TYPE	POLE	PHASE	1	2	3	4	5
			2-4"	4"	4"	4"	4"
Veh-Ped 12CSC	A	1,6,8	2				
	B	6,8	2	2			
	C	2,2P	1 / 1		1 / 1	1 / 1	1 / 1
	D	8	1			1	1
	E	1,2,2P / 2	1 / 1				1 / 1
PBA 3CSC		TOTAL	7 / 2	2	1 / 1	2 / 1	3 / 2
AWG		CIRCUIT					
#10		LIGHTING		2	2	2	2
#6		Sig	2	2			
#10		FUTURE ICC		2	2		2
VIVDS cable			3	1	1	1	1
EVUC			3	1	1	1	1
SIC			2	1		2	
APS					1		
DETECTORS-TYPE B DLC							
PHASE							
Ø2			2			2	
Ø6			1	1			
Ø8			1			1	1
TOTAL			4	1	0	1	3

SIGNAL AND LIGHTING
(CITY STREET)

E-20

XIA	11-25-15
REVISED BY	DATE REVISED
XAVIER ALFARO	KARIM ABDOLLAHIAN
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	ALI BAKHDOUD

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® ELECTRICAL DESIGN

LAST REVISION 11-25-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	394	786

Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER XAVIER I. ALFARO No. E17488 Exp. 6-30-17 ELECTRICAL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

LEGEND: (FOR SHEETS E-21 THROUGH E-23)

1 120/240 V, 1Ø, 3-WIRE TYPE III-BF SERVICE EQUIPMENT ENCLOSURE WITH THE FOLLOWING CIRCUIT BREAKERS:

CITY OF CARPENTERIA

AMPERES	VOLTS	POLES	NAMEPLATE	METER	PHOTOELECTRIC CONTROL TYPE
100	240	2	MAIN BREAKER	YES	——
30	240	2	STREET/BRIDGE LIGHTING	YES	V
15	120	1	CONTROL	YES	——
30	240	2	BICYLE PATH LIGHTING	YES	V
20	120	1	CONTROL	YES	——
20	120	1	CITY ICC (FUTURE)	YES	——

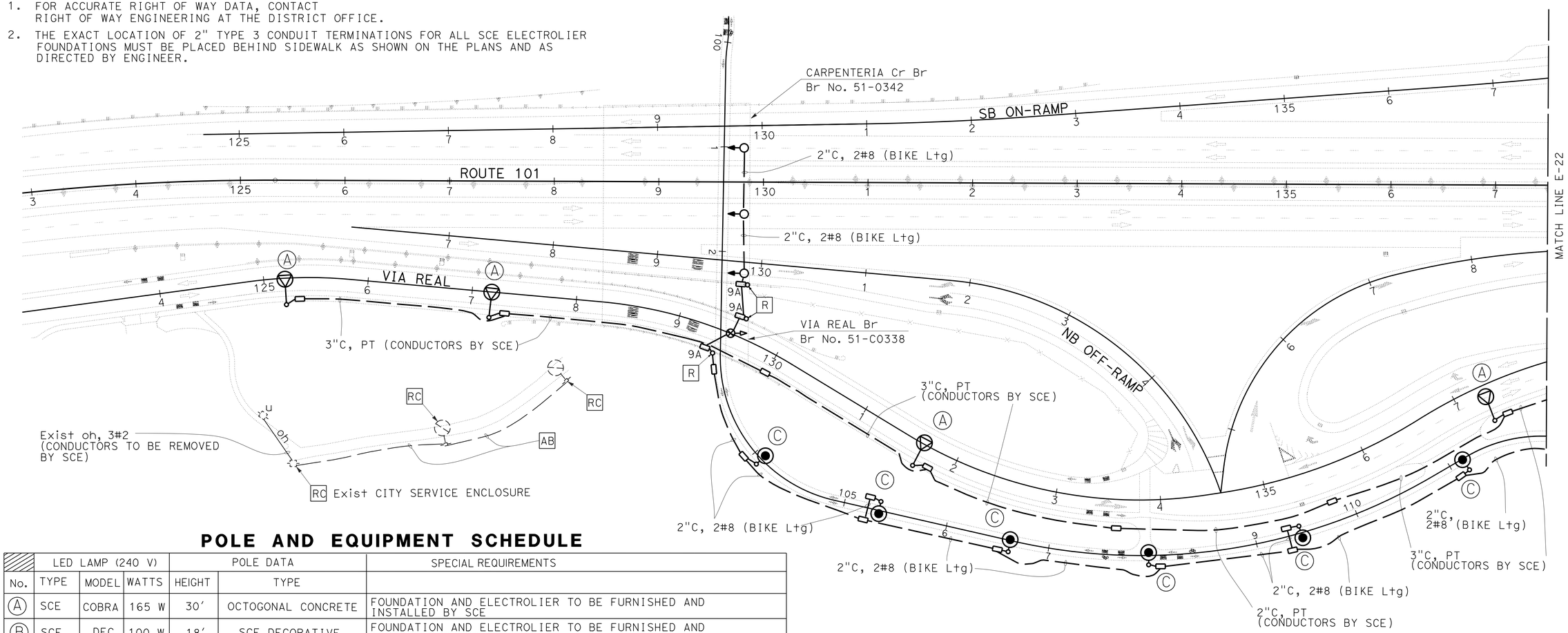
2 120/240 V, 1Ø, 3-WIRE TYPE III-BF SERVICE EQUIPMENT ENCLOSURE WITH THE FOLLOWING CIRCUIT BREAKERS:

CITY OF CARPENTERIA

AMPERES	VOLTS	POLES	NAMEPLATE	METER	PHOTOELECTRIC CONTROL TYPE
100	240	2	MAIN BREAKER	YES	——
30	240	2	STREET/BRIDGE LIGHTING	YES	V
15	120	1	CONTROL	YES	——
30	240	2	CITY ICC (FUTURE)	YES	——
20	120	1	SPARE	YES	——

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. THE EXACT LOCATION OF 2" TYPE 3 CONDUIT TERMINATIONS FOR ALL SCE ELECTROLIER FOUNDATIONS MUST BE PLACED BEHIND SIDEWALK AS SHOWN ON THE PLANS AND AS DIRECTED BY ENGINEER.



POLE AND EQUIPMENT SCHEDULE

	LED LAMP (240 V)			POLE DATA		SPECIAL REQUIREMENTS
No.	TYPE	MODEL	WATTS	HEIGHT	TYPE	
(A)	SCE	COBRA	165 W	30′	OCTOGONAL CONCRETE	FOUNDATION AND ELECTROLIER TO BE FURNISHED AND INSTALLED BY SCE
(B)	SCE	DEC	100 W	18′	SCE DECORATIVE	FOUNDATION AND ELECTROLIER TO BE FURNISHED AND INSTALLED BY SCE
(C)	BEGA	9002 LED	39 W	13′-8"	BEGA MODEL 1308HR	SEE SHEET E-29 FOR MORE DETAILS. VERIFY ANCHOR BOLT DIMENSIONS PRIOR TO INSTALLATION.
(D)	LED tronics	LED 30HPS	27 W	12′-2"	BEGA MODEL 927	SEE SHEET E-28 FOR MORE DETAILS. VERIFY ANCHOR BOLT DIMENSIONS PRIOR TO INSTALLATION.

APPROVED FOR ELECTRICAL WORK ONLY

LIGHTING
(CITY STREET)

SCALE: 1"=50′ **E-21**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® ELECTRICAL DESIGN

FUNCTIONAL SUPERVISOR: ALI BAKHDOUD
CALCULATED-DESIGNED BY: XAVIER ALFARO
CHECKED BY: KARIM ABDOLLAHIAN
REVISED BY: XIA
DATE REVISED: 11-25-15

LAST REVISION 11-25-15
DATE PLOTTED => 26-JAN-2016
TIME PLOTTED => 14:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	2.2/3.3	395	786

Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER XAVIER I. ALFARO No. E17488 Exp. 6-30-17 ELECTRICAL STATE OF CALIFORNIA

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NOTES:

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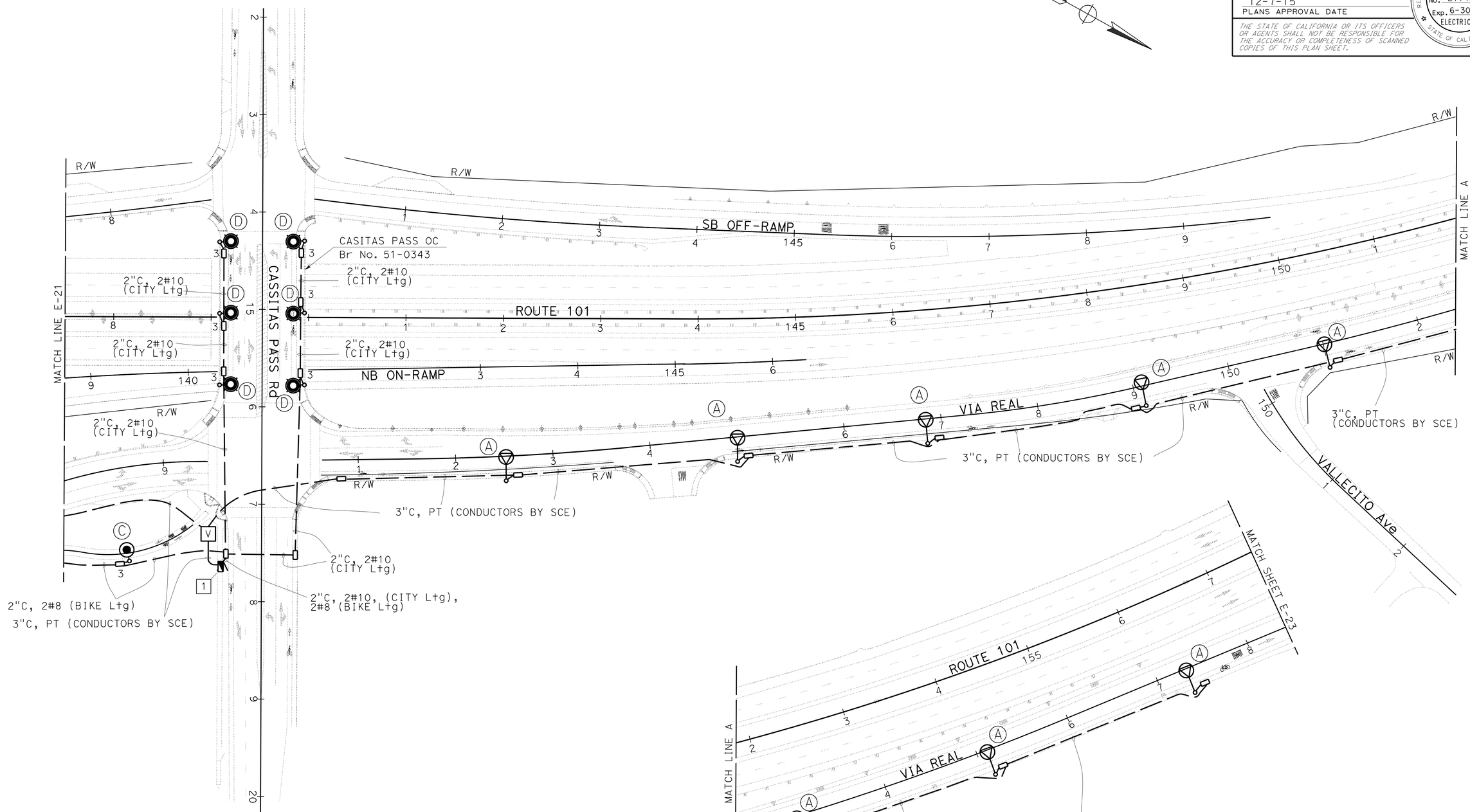
2. FOR LEGEND AND SCHEDULES SEE SHEET E-21.



APPROVED FOR ELECTRICAL WORK ONLY

LIGHTING
(CITY STREET)

SCALE: 1"=50'

E-22

REVISED BY	DATE REVISED
XIA	11-25-15

XAVIER ALFARO — KARIM ABDOLLAHIAN — CALCULATED-DESIGNED BY — CHECKED BY

FUNCTIONAL SUPERVISOR: ALI BAKHDOUD

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans — ELECTRICAL DESIGN

LAST REVISION 11-25-15 — DATE PLOTTED => 26-JAN-2016 — TIME PLOTTED => 14:21

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Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER XAVIER I. ALFARO No. E17488 Exp. 6-30-17 ELECTRICAL STATE OF CALIFORNIA

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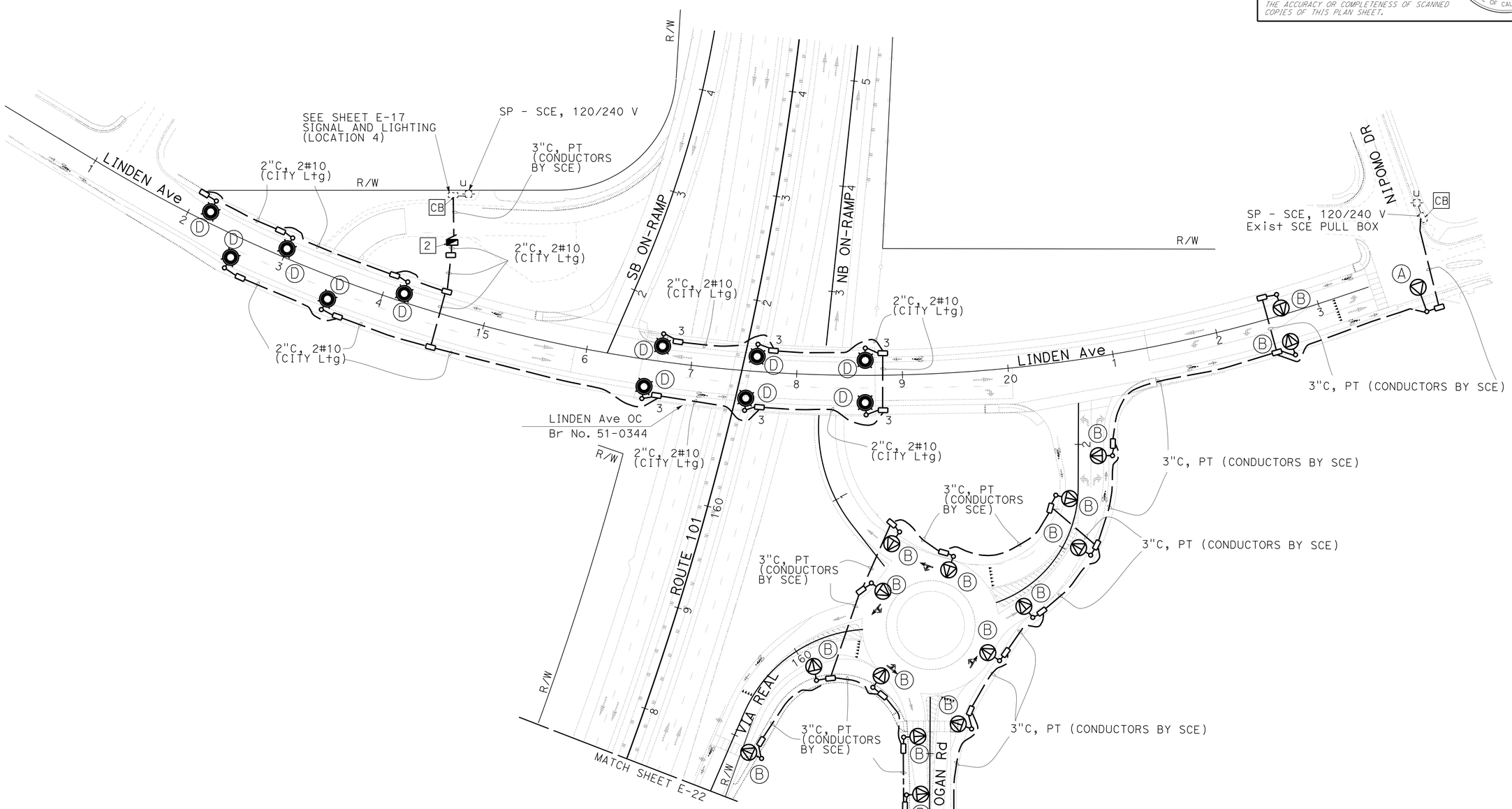
2. FOR LEGEND AND SCHEDULES SEE SHEET E-21.



APPROVED FOR ELECTRICAL WORK ONLY

LIGHTING
(CITY STREET)

SCALE: 1"=50' **E-23**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **ELECTRICAL DESIGN**

FUNCTIONAL SUPERVISOR: ALI BAKHDOUD
CALCULATED-DESIGNED BY: XAVIER ALFARO
CHECKED BY: KARIM ABDOLLAHIAN
REVISED BY: XIA
DATE REVISED: 11-25-15

LAST REVISION 11-25-15
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REGISTERED ELECTRICAL ENGINEER 11-25-15

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER XAVIER I. ALFARO No. E17488 Exp. 6-30-17 ELECTRICAL STATE OF CALIFORNIA

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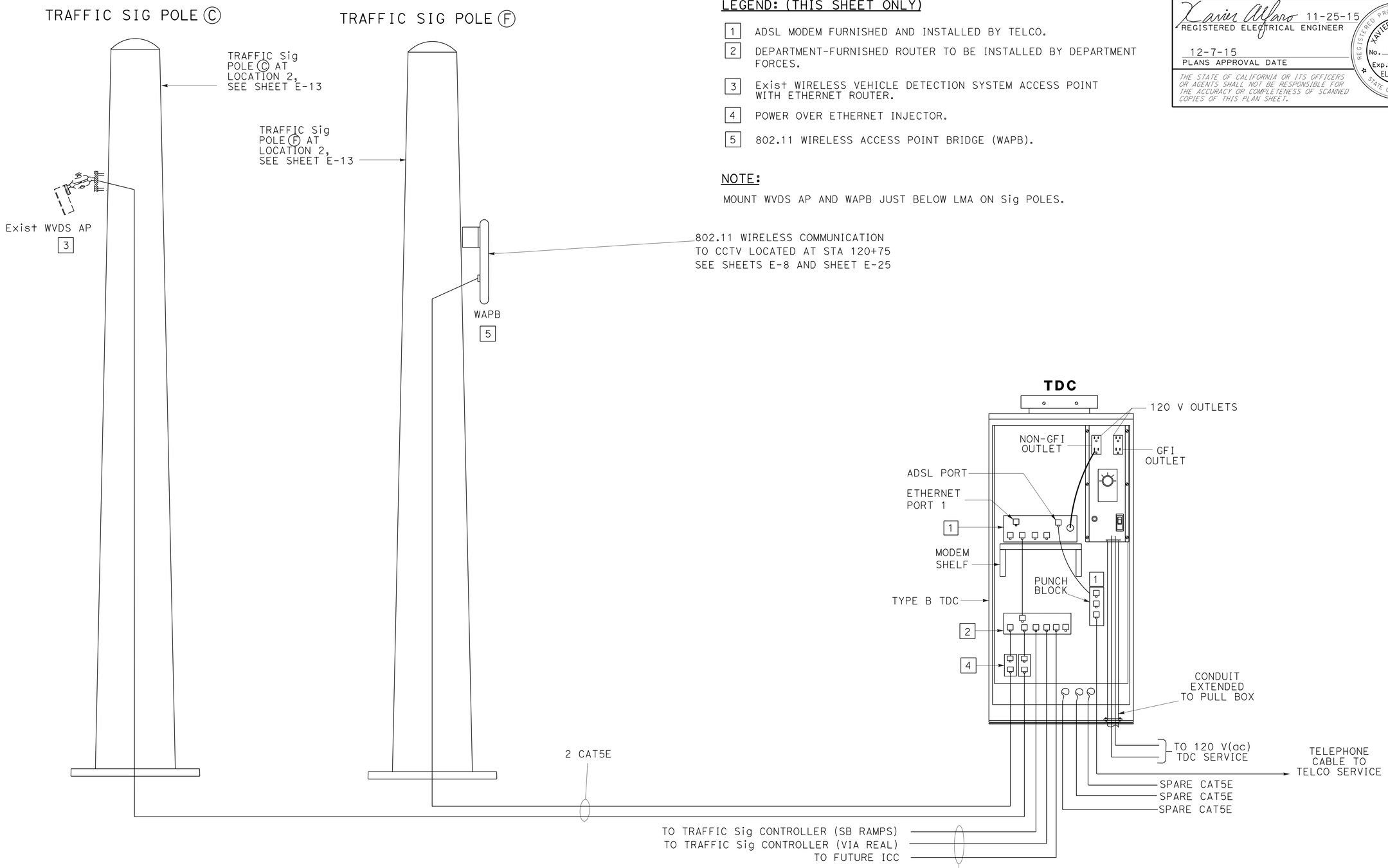
LEGEND: (THIS SHEET ONLY)

1. ADSL MODEM FURNISHED AND INSTALLED BY TELCO.
2. DEPARTMENT-FURNISHED ROUTER TO BE INSTALLED BY DEPARTMENT FORCES.
3. Exist WIRELESS VEHICLE DETECTION SYSTEM ACCESS POINT WITH ETHERNET ROUTER.
4. POWER OVER ETHERNET INJECTOR.
5. 802.11 WIRELESS ACCESS POINT BRIDGE (WAPB).

NOTE:

MOUNT WVDS AP AND WAPB JUST BELOW LMA ON Sig POLES.



TDC, WVDS AP AND 802.11 WAPB WIRING DETAIL

ELECTRICAL DETAILS

NO SCALE **E-24**

REVISED BY	DATE REVISED
XIA	11-25-15

XAVIER ALFARO — KARIM ABDOLLAHIAN — CALCULATED-DESIGNED BY — CHECKED BY

FUNCTIONAL SUPERVISOR: ALI BAKHDOUD

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans — ELECTRICAL DESIGN

LAST REVISION 11-25-15 — DATE PLOTTED => 26-JAN-2016 — TIME PLOTTED => 14:21

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Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER XAVIER I. ALFARO No. E17488 Exp. 6-30-17 ELECTRICAL STATE OF CALIFORNIA

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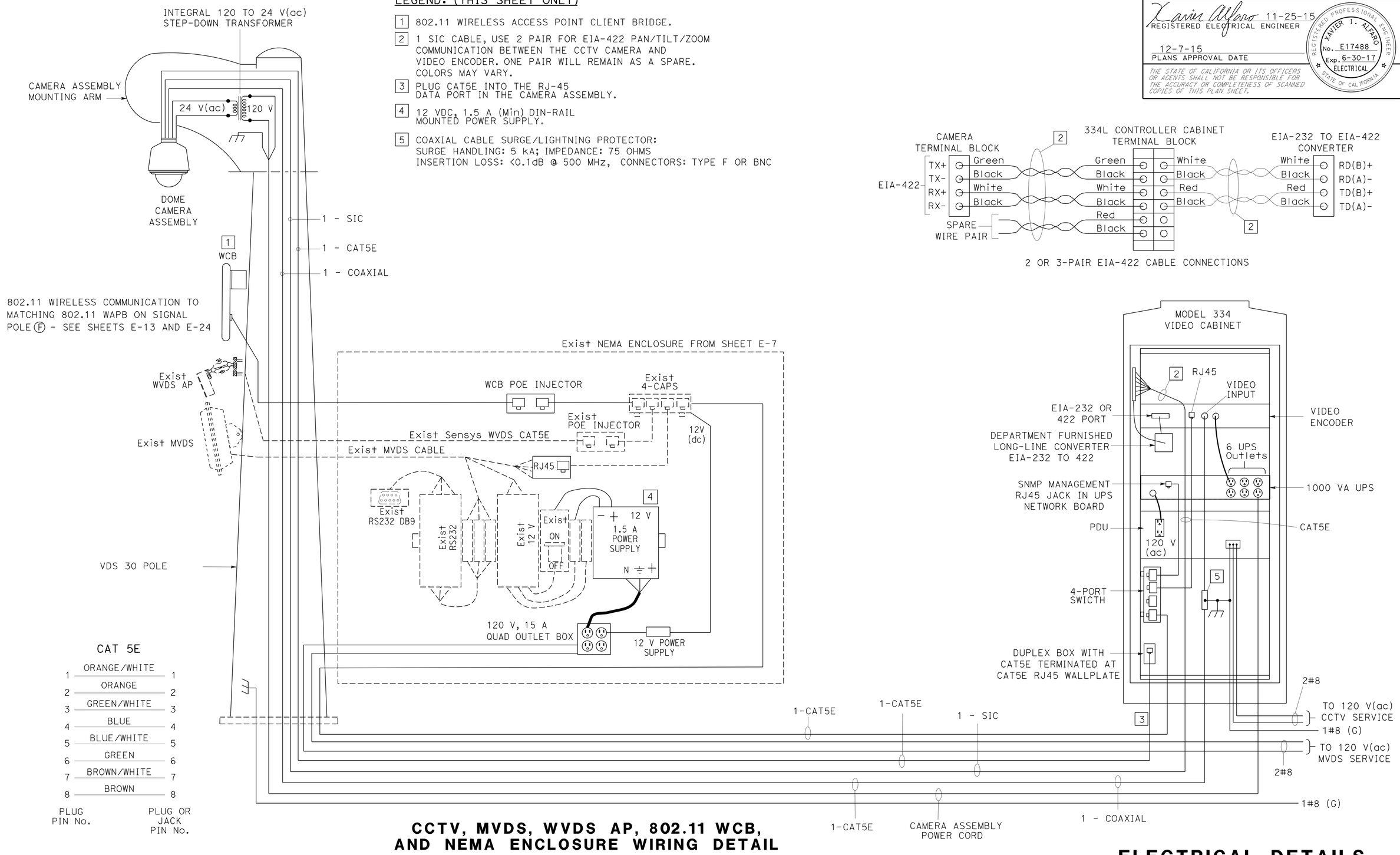
LEGEND: (THIS SHEET ONLY)

1. 802.11 WIRELESS ACCESS POINT CLIENT BRIDGE.
2. 1 SIC CABLE, USE 2 PAIR FOR EIA-422 PAN/TILT/ZOOM COMMUNICATION BETWEEN THE CCTV CAMERA AND VIDEO ENCODER. ONE PAIR WILL REMAIN AS A SPARE. COLORS MAY VARY.
3. PLUG CAT5E INTO THE RJ-45 DATA PORT IN THE CAMERA ASSEMBLY.
4. 12 VDC, 1.5 A (Min) DIN-RAIL MOUNTED POWER SUPPLY.
5. COAXIAL CABLE SURGE/LIGHTNING PROTECTOR: SURGE HANDLING: 5 kA; IMPEDANCE: 75 OHMS INSERTION LOSS: <0.1dB @ 500 MHz, CONNECTORS: TYPE F OR BNC



CCTV, MVDS, WVDS AP, 802.11 WCB, AND NEMA ENCLOSURE WIRING DETAIL

ELECTRICAL DETAILS

NO SCALE

E-25

XIA	11-25-15	XAVIER ALFARO	KARIM ABDOLLAHIAN
REVISED BY	DATE REVISED	CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	ALI BAKHDOUD		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
ELECTRICAL DESIGN

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Xavier Alfaro 11-25-15
REGISTERED ELECTRICAL ENGINEER

12-7-15
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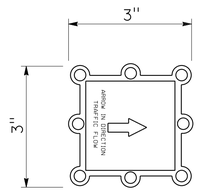
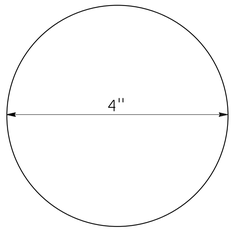
NOTES: (THIS SHEET ONLY)

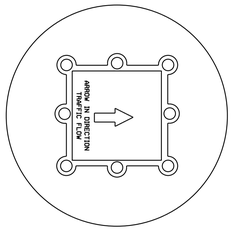
1. PRIOR TO INSTALLATION, NOTE SENSOR'S ID, LANE NUMBER, AND LOCATION IN LANE.
2. UNLESS OTHERWISE SPECIFIED, INSTALL SENSOR IN THE MIDDLE OF THE LANE.
3. USE DOUBLE-CYLINDER 4" CORING BIT, WITH 1.25" STANDARD MACHINE THREADED SLEEVE.
4. MARK A LINE 2.25" FROM THE BOTTOM OF THE DOUBLE-CYLINDER CORING BIT, AND DRILL THROUGH THE ASPHALT CONCRETE OR PORTLAND CEMENT TO THIS DEPTH.
5. CORE A HOLE AT LEAST 2.25" DEEP SO THAT WHEN INSTALLED THE TOP OF THE SENSOR IS AT LEAST 0.25" BELOW THE SURFACE.
6. MAKE SURE THE SENSOR INSTALLS FLAT IN THE CORED HOLE AND IS NOT TILTED.
7. ONCE THE CORRECT DEPTH IS REACHED, USE THE HAMMER DRILL TO REMOVE THE INNER AND OUTER CYLINDRICAL "SHELLS", AND THE BUSHING BIT TO FLATTEN THE SURFACE.
8. ONCE COMPLETE, REMOVE ALL DUST AND DEBRIS OUT OF THE CORED HOLE.
9. USE THE HEAT-GUN OR HOT COMPRESSED AIR TO DRY THE INSIDE OF THE CORED HOLE.
10. IF THE HOLE IS TOO DEEP OR UNEVEN, SAND CAN BE USED TO FLATTEN THE SURFACE.
11. FILL THE HOLE ABOUT 1/4 FULL OF THE SENSOR EPOXY/ADHESIVE.
12. PLACE SENSOR IN THE HOLE WITH ARROW POINTING IN THE DIRECTION OF TRAFFIC. THE EPOXY SHOULD STILL HAVE WORK TIME, SO THE SENSOR CAN BE ROTATED TO THE RIGHT POSITION. PUSH SENSOR DOWN SO IT LAYS FLAT ON THE BOTTOM OF THE HOLE. THIS ASSURES THAT THERE IS A BOND UNDERNEATH THE SENSOR WITH THE EPOXY.
13. FILL IN THE REMAINING EMPTY SPACE OF THE HOLE WITH EPOXY AND COVER THE SENSOR WITH EPOXY TO MAKE IT LEVEL WITH THE SURFACE OF THE ROAD.
14. THERE MUST BE ABSOLUTELY NO MOISTURE ON THE APPLIED SURFACE.
15. AFTER THE FIRST APPLICATION, DO NOT LET THE EPOXY SIT FOR MORE THAN 30 SECONDS BEFORE THE NEXT APPLICATION.
16. DEPENDING ON AMBIENT TEMPERATURE AND HUMIDITY, EPOXY DRYING TIME CAN VARY FROM 5 MINUTES TO 15 MINUTES. VERIFY HARDNESS OF EPOXY BEFORE REOPENING THE LANE FOR TRAFFIC.
17. INSTALL AT TEMPERATURE GREATER THAN -37 °C.



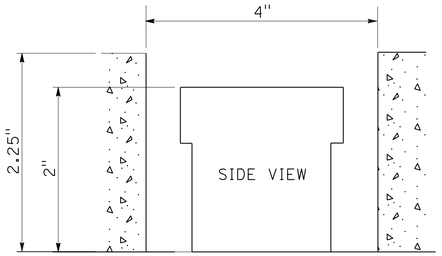
VEHICLE SENSOR NODE



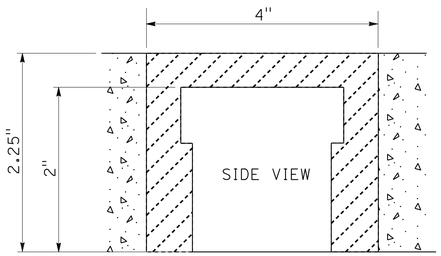
VEHICLE SENSOR NODE CORED HOLE



VEHICLE SENSOR NODE IN HOLE



VEHICLE SENSOR NODE IN HOLE



VEHICLE SENSOR NODE IN HOLE WITH EPOXY

APPROVED FOR ELECTRICAL WORK ONLY

ELECTRICAL DETAILS

NO SCALE **E-26**

REVISED BY	XIA	XAVIER ALFARO	CALCULATED-DESIGNED BY
DATE REVISED	11-25-15	KARIM ABDOLLAHIAN	CHECKED BY
FUNCTIONAL SUPERVISOR	ALI BAKHDOUD		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **ELECTRICAL DESIGN**

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05	SB	101	2.2/3.3	400	786

REGISTERED ELECTRICAL ENGINEER 11-25-15

12-7-15
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER XAVIER I. ALFARO No. E17488 Exp. 6-30-17 ELECTRICAL STATE OF CALIFORNIA

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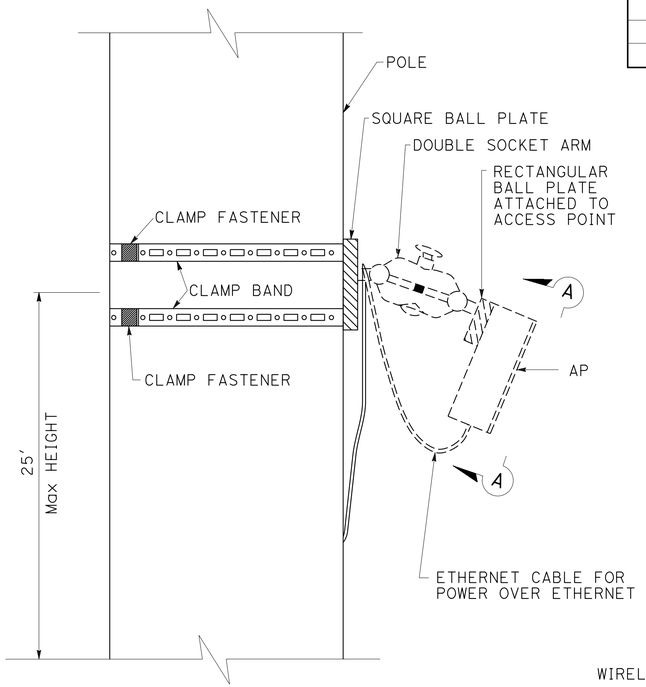
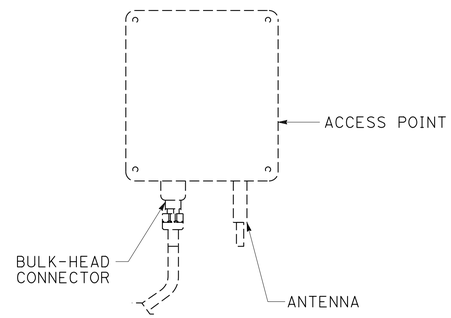
ACCESS POINT/WIRELESS REPEATER

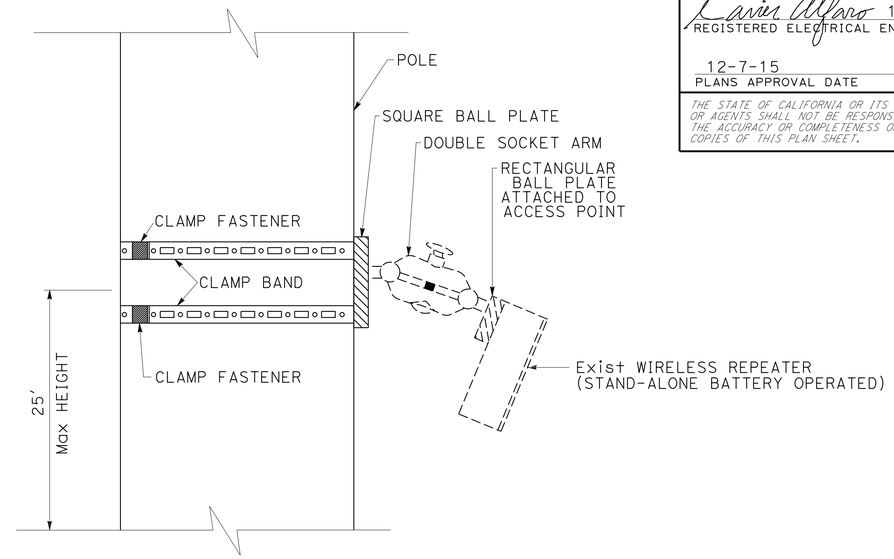
MOUNTING HEIGHT	VSN RANGE
8′	50′ - 75′
16′	75′ - 125′
24′	125′ - 150′



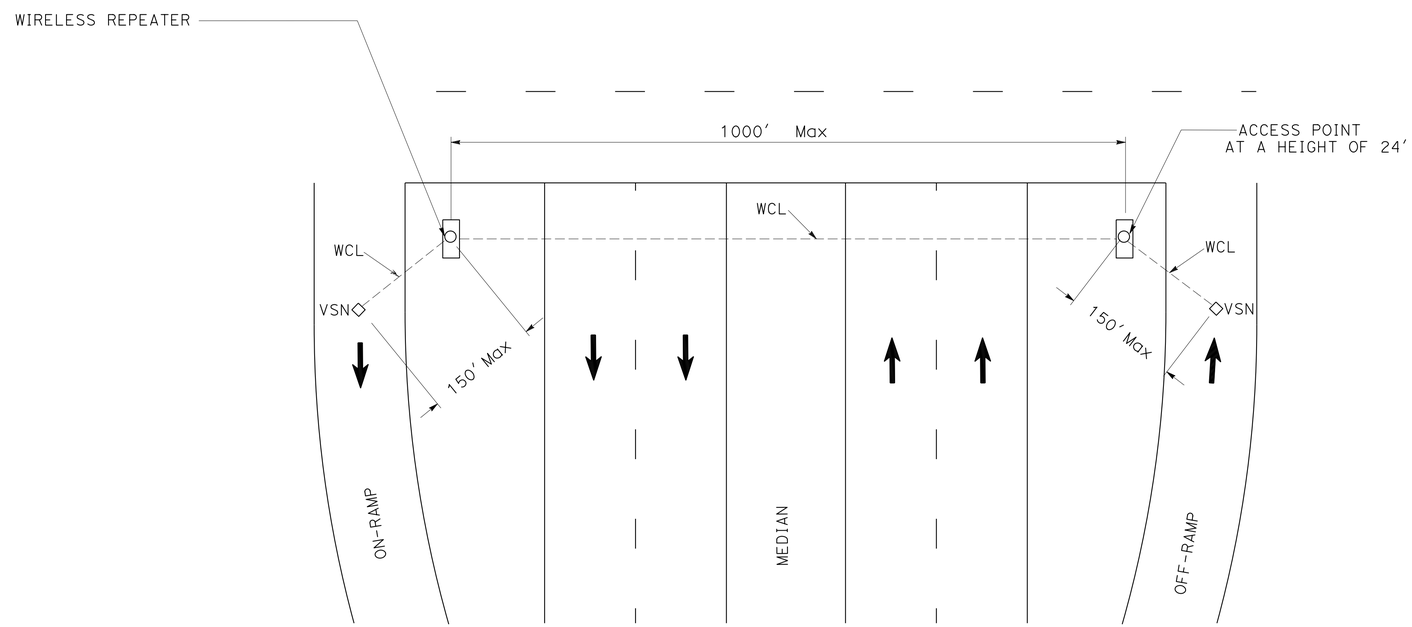
ACCESS POINT POLE MOUNT



SECTION A-A



WIRELESS REPEATER POLE MOUNT



WVDS SYSTEM DETAIL

ELECTRICAL DETAILS

NO SCALE **E-27**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **ELECTRICAL DESIGN**

FUNCTIONAL SUPERVISOR: ALI BAKHDOUD
CALCULATED-DESIGNED BY: XAVIER ALFARO
CHECKED BY: KARIM ABDOLLAHIAN
REVISED BY: XIA
DATE REVISED: 11-25-15

LAST REVISION 11-25-15 | DATE PLOTTED => 26-JAN-2016 | TIME PLOTTED => 14:21