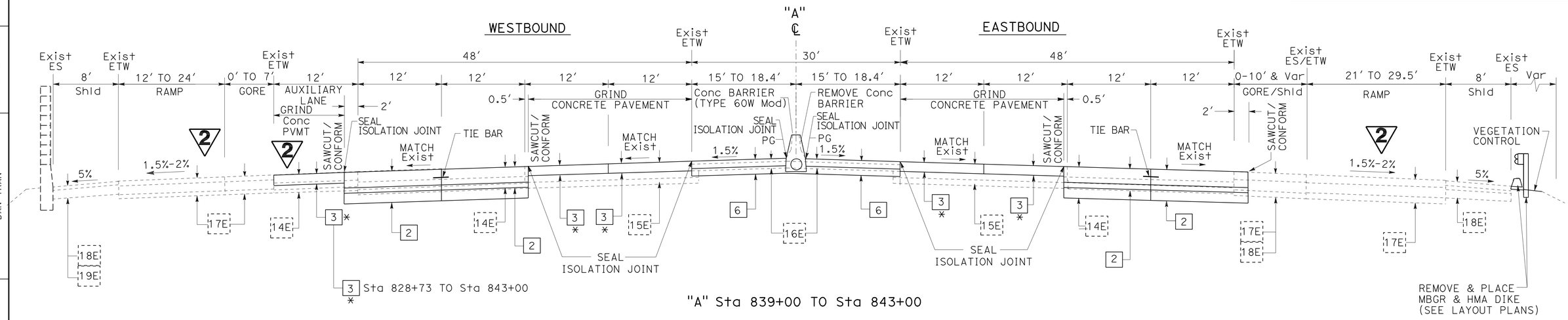
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	210	R9.7/R16.1	6	349

REGISTERED CIVIL ENGINEER 3-5-13 DATE

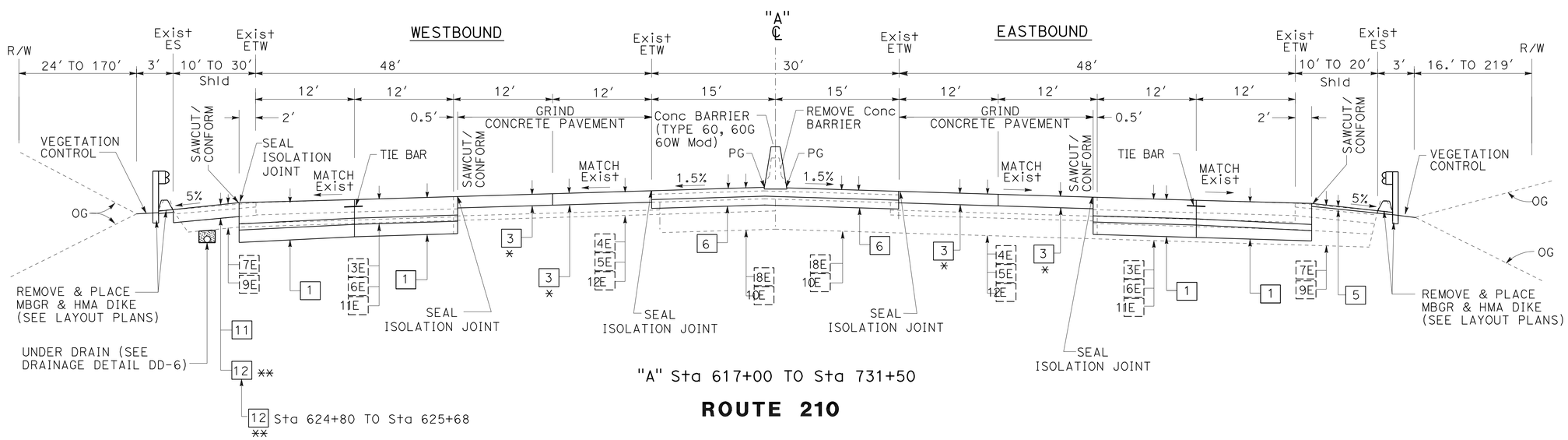
4-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
DAN TRAN
No. 63456
Exp. 9/30/14
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.



ROUTE 210



ROUTE 210

* SEE SUMMARY OF QUANTITIES Q-1 FOR LOCATION OF ISR (RSC)

2 REPLACED PER ADDENDUM No. 2 DATED SEPTEMBER 16, 2013

TYPICAL CROSS SECTIONS

NO SCALE

X-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

FUNCTIONAL SUPERVISOR: OJI KALU
CALCULATED-DESIGNED BY: MOE MIRZA
CHECKED BY: DAN TRAN
REVISED BY
DATE REVISED

LAST REVISION 12-12-12
DATE PLOTTED => 13-SEP-2013
TIME PLOTTED => 15:55

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	210	R9.7/R16.1	7	349

REGISTERED CIVIL ENGINEER 3-5-13 DATE

4-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
DAN TRAN
No. 63456
Exp. 9/30/14
CIVIL
STATE OF CALIFORNIA

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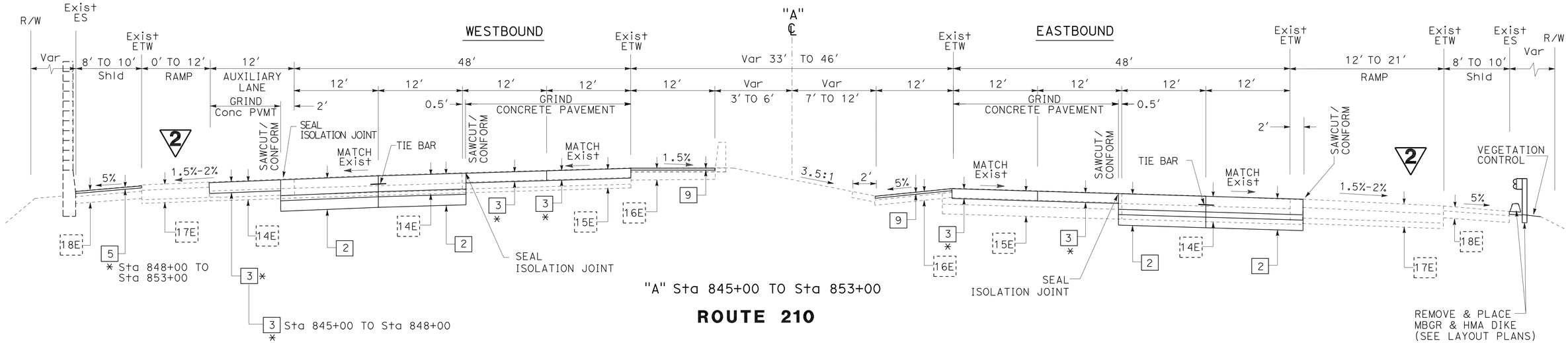

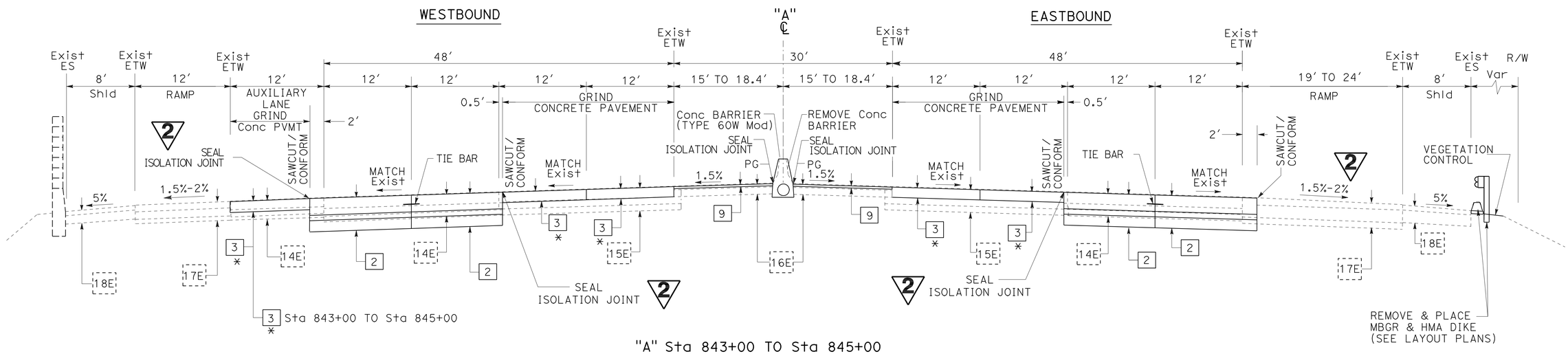

* SEE SUMMARY OF QUANTITIES Q-1 FOR LOCATION OF ISR (RSC)

2 REPLACED PER ADDENDUM No. 2 DATED SEPTEMBER 16, 2013

TYPICAL CROSS SECTIONS

NO SCALE

X-6

REVISED BY | DATE REVISED
MOE MIRZA | DAN TRAN
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: OJI KALU

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
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LAST REVISION 12-12-12 | DATE PLOTTED => 13-SEP-2013 | TIME PLOTTED => 15:58

BORDER LAST REVISED 7/2/2010 | USERNAME => s114640 | DGN FILE => 728801ca006.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 1806 | PROJECT NUMBER & PHASE 07000209571

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	210	R9.7/R16.1	27	349

REGISTERED CIVIL ENGINEER 3-5-13 DATE

4-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER DAN TRAN C63456 No. 9/30/14 Exp. CIVIL STATE OF CALIFORNIA

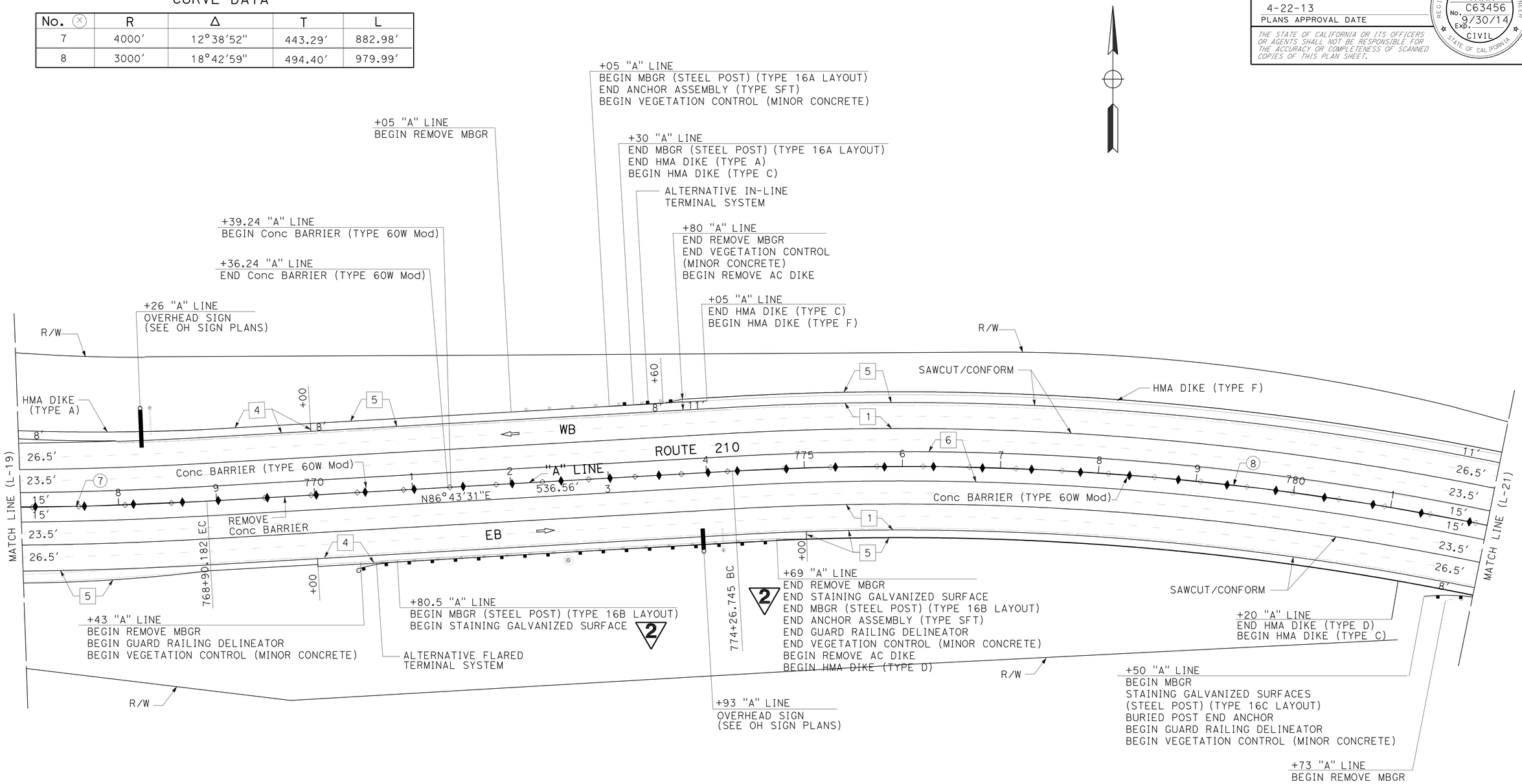
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:

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

CURVE DATA

No. ⊗	R	Δ	T	L
7	4000′	12°38′52"	443.29′	882.98′
8	3000′	18°42′59"	494.40′	979.99′



LAYOUT

SCALE: 1" = 50′

2 REPLACED PER ADDENDUM No. 2 DATED SEPTEMBER 16, 2013

L-20

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® DESIGN

FUNCTIONAL SUPERVISOR: OJI KALU
CALCULATED-DESIGNED BY: DAN TRAN
CHECKED BY: MOE MIRZA
REVISED BY
DATE REVISED

LAST REVISION 12-12-12 | DATE PLOTTED => 13-SEP-2013 | TIME PLOTTED => 15:55

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	210	R9.7/R16.1	31	349

REGISTERED CIVIL ENGINEER 3-5-13 DATE

4-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER DAN TRAN C63456 No. 9/30/14 Exp. CIVIL STATE OF CALIFORNIA

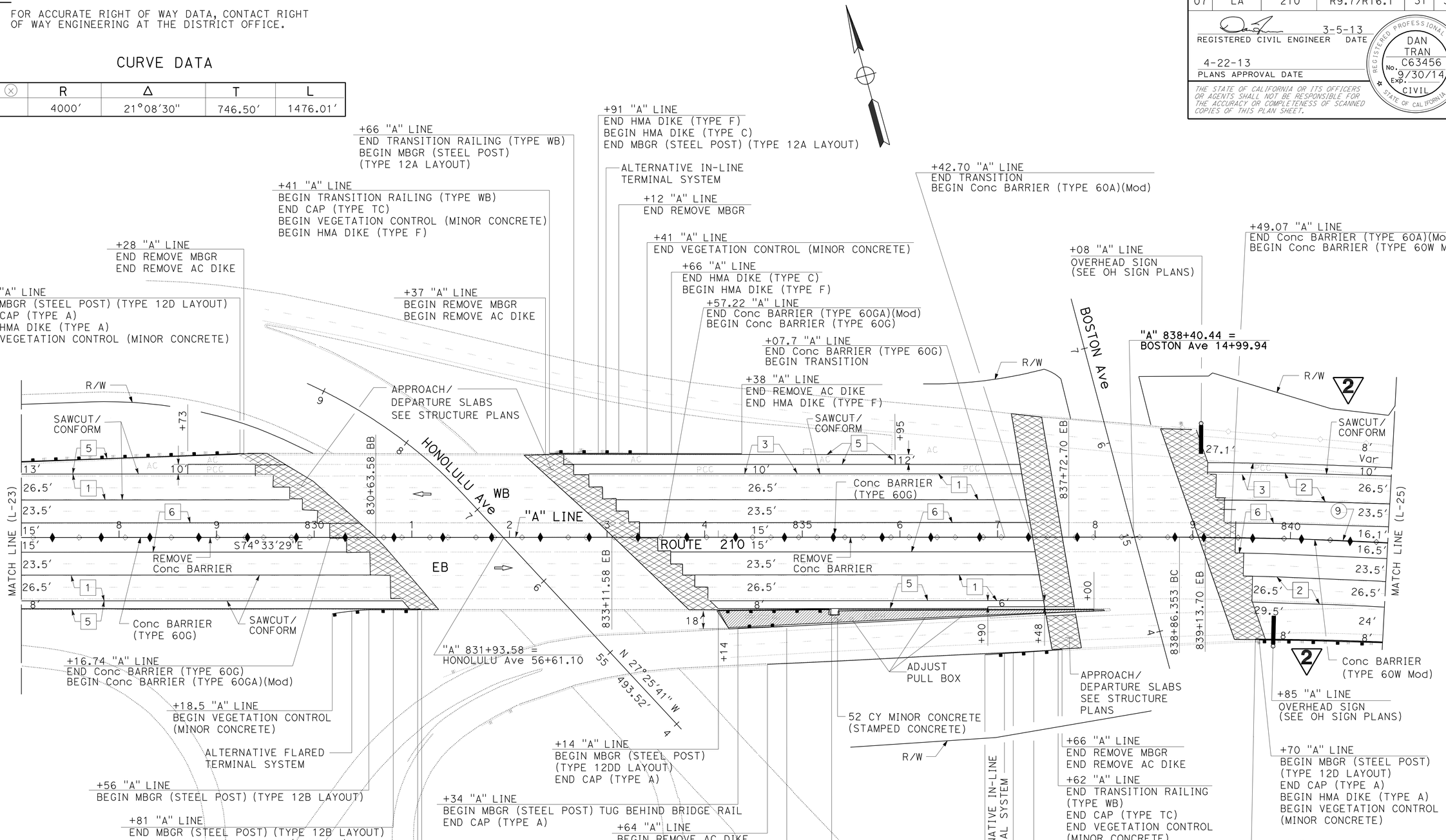
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:

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

CURVE DATA

No. ⊗	R	Δ	T	L
9	4000′	21°08′30″	746.50′	1476.01′



LAYOUT

SCALE: 1" = 50′

2 REPLACED PER ADDENDUM No. 2 DATED SEPTEMBER 16, 2013

L-24

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DESIGN

FUNCTIONAL SUPERVISOR: OJI KALU
CALCULATED-DESIGNED BY: DAN TRAN
CHECKED BY: MOE MIRZA
REVISED BY / DATE REVISED

LAST REVISION 12-12-12
DATE PLOTTED => 13-SEP-2013
TIME PLOTTED => 15:55

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	210	R9.7/R16.1	32	349

REGISTERED CIVIL ENGINEER 3-5-13 DATE

4-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER DAN TRAN No. C63456 Exp. 9/30/14 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.

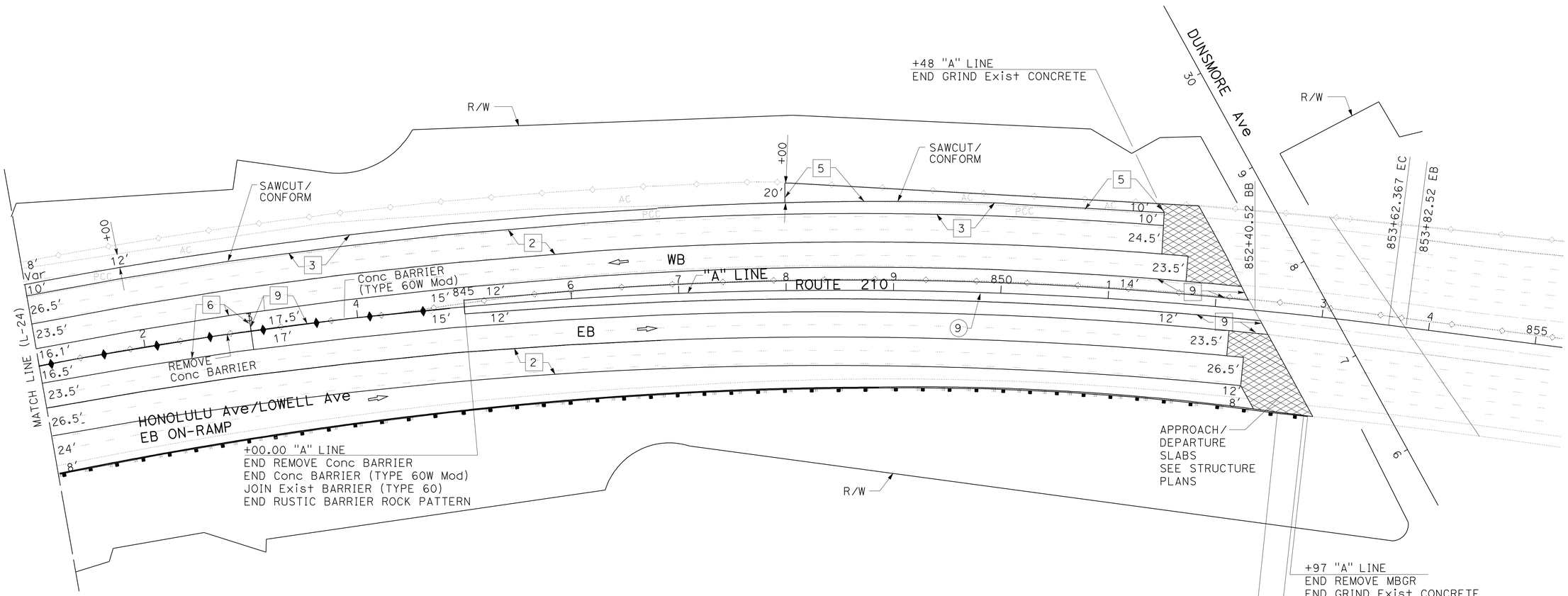
2

NOTE:

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

CURVE DATA

No. ⊗	R	Δ	T	L
9	4000′	21°08′30″	746.50′	1476.01′



LAYOUT

SCALE: 1" = 50′

2 **REPLACED PER ADDENDUM No. 2 DATED SEPTEMBER 16, 2013**

L-25

REVISED BY | DATE REVISED
DAN TRAN | MOE MIRZA
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: OJI KALU

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

LAST REVISION 12-12-12 | DATE PLOTTED => 13-SEP-2013 | TIME PLOTTED => 15:55

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	210	R9.7/R16.1	208	349

REGISTERED CIVIL ENGINEER 3-5-13 DATE

4-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER DAN TRAN No. 63456 Exp 09/30/14 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 AND TRAFFIC HANDLING QUANTITIES

STAGE	SHEET No.	STATION	DIRECTION	REMOVAL: THERMOPLASTIC TRAFFIC STRIPE WHITE	REMOVAL: YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE) YELLOW	REMOVAL: PAINTED TRAFFIC STRIPE WHITE	REMOVAL: PAINTED TRAFFIC STRIPE YELLOW	REMOVAL: PAVEMENT MARKER	REMOVAL: THERMOPLASTIC PAVEMENT MARKINGS	INSTALLATION: PAINT TRAFFIC STRIPE (2-COAT) 4": DETAIL 12 (BROKEN 18' - 12')	4": DETAIL 14A (BROKEN 36' - 12')	4": DETAIL 25 SOLID YELLOW STRIPE	4": DETAIL 25A SOLID YELLOW STRIPE	4": DETAIL 27B SOLID WHITE STRIPE	8": DETAIL 36 SOLID WHITE	8": DETAIL 36A SOLID WHITE	8": DETAIL 36B SOLID WHITE	PAVEMENT MARKER (RETRO-REFLECTIVE) TYPE C	TYPE G	TYPE H	TEMPORARY RAILING (TYPE K)	TEMPORARY TERMINAL SECTION (TYPE K)	CHANNELIZER (SURFACE MOUNTED)	TEMPORARY CRASH CUSHION	(N) PORTABLE CHANGEABLE MESSAGE SIGN	REMOVE CONCRETE PAVEMENT AND BASE
				LF	LF	LF	LF	EA	SQFT	LF	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	LF	EA	EA	EA	EA	CY
3	SC-47	566+00 TO 581+00	WB			1,220	330						525	1,686		860				23	720			14		
	SC-48	581+00 TO 596+00	WB											640							640					
	SC-49	596+00 TO 611+00	WB			1,288								465							740					
	SC-50	731+00 TO 743+00	WB											762							1,120			14		
	SC-51	724+00 TO 739+00	WB										125	125		782				7	200			14		
	SC-52	739+00 TO 753+00	WB			676							200	850						10	920					
	SC-53	753+00 TO 767+50	WB																		720					
	SC-54	797+00 TO 812+00	WB			1,120								452							900					
4	SC-55	501+00 TO 508+00	EB			875	700	32													280	1	15			
		501+00 TO 508+00	WB			1,847	700	80													100					
	SC-56	508+00 TO 841+00	EB			41,996	33,300	1,402													33,300					3080
		508+00 TO 841+00	WB			60,295	33,300	2,824													33,300					
	SC-57	841+00 TO 852+00	EB			3498	1,262	149													400					30
		841+00 TO 852+00	WB			3439	1,262	169													620	1	13			
SUBTOTAL						116,254	70,854	4,656					850	4,980		1,642				40	73,960	2	28	42		3110
SHEET TOTAL						187,108		4,656		5,830					1,642			40			73,960	2	28	42		
TOTAL PDQ-1																		6,259								
TOTAL MIQ-1																							19		28	
GRAND TOTAL				107,306	73,244	428,662		33,244	250	697,777					21,630			19,828			245,491	4	512	413	32	3110
										719,407																

2

NOTE: FOR ADDITIONAL PAVEMENT DELINEATION QUANTITIES, SEE SUMMARY OF QUANTITIES SHEET.

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

2 REPLACED PER ADDENDUM No. 2 DATED SEPTEMBER 16, 2013

STAGE CONSTRUCTION AND TRAFFIC HANDLING QUANTITIES

SCQ-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DESIGN

FUNCTIONAL SUPERVISOR: OJI KALU
CALCULATED-DESIGNED BY: MOE MIRZA
CHECKED BY: DAN TRAN
REVISED BY / DATE REVISED

LAST REVISION 12-12-12 DATE PLOTTED => 13-SEP-2013 TIME PLOTTED => 15:55

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	210	R9.7/R16.1	255	349

REGISTERED CIVIL ENGINEER 3-15-13 DATE

4-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
DAN TRAN
No. 63456
Exp 09/30/14
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.

ROADWAY QUANTITIES

SHEET No.	STATION	SEAL ISOLATION JOINT	TACK COAT	GRIND EXISTING CONCRETE PAVEMENT	MINOR CONCRETE (STAMPED CONCRETE)	SHOULDER RUMBLE STRIP (CONCRETE PAVEMENT ROLLED-IN INDENTATIONS)	REPAIR SPALLED JOINTS, POLYESTER GROUT	ADJUST PULL BOX
		LF	TON	SQYD	CY	STA	SQYD	EA
L-1	505+20 TO 508+00	200	0.1					
L-2	508+00 TO 523+00	4,890	1.2					
L-3	523+00 TO 537+00	140	0.1					
L-4	537+00 TO 551+00	8,370	1.2					
L-5	551+00 TO 566+00	4,130	0.9					
L-6	566+00 TO 581+00	3,980	1.3		25			
L-7	581+00 TO 596+00	4,770	1.6	4,070	31			
L-8	596+00 TO 611+00	4,800	1.0	7,835	40	1		
L-9	611+00 TO 625+00	8,400	0.8	6,135		8		
L-10	625+00 TO 640+00	7,575	0.7	7,835		6.9		
L-11	640+00 TO 654+00	8,400	0.6	7,830		14		
L-12	654+00 TO 667+00	7,800	0.6	6,790		13	120	
L-13	667+00 TO 681+00	7,295	0.6	7,310		14		
L-14	681+00 TO 695+00	7,820	0.6	7,310		9		
L-15	695+00 TO 710+00	6,575	0.6	7,835		11		
L-16	710+00 TO 724+00	8,400	0.6	7,310		14		
L-17	724+00 TO 739+00	8,250	1.0	7,835	37	7		
L-18	739+00 TO 753+00	6,210	1.1	5,445	51			
L-19	753+00 TO 767+00	5,875	1.2	7,310	72			
L-20	767+00 TO 782+00	7,500	1.1	7,835				
L-21	782+00 TO 797+00	5,170	1.3	7,835				
L-22	797+00 TO 812+00	4,500	1.9	7,835	52			
L-23	812+00.TO 827+00	5,170	1.6	6,765				
L-24	827+00 TO 841+00	3,955	1.7	~~4,840~~ 5,050	52			3
L-25	841+00 TO 852+40	2175 ~~2,975~~	3.7	~~5,980~~ 7,150				
TOTAL		~~143,150~~ 142,350	27.0	~~131,940~~ 133,320	360	97.9	120	3

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

* FOR SUMMARY OF QUANTITY, SEE SHEET Q-5

2 REPLACED PER ADDENDUM No. 2 DATED SEPTEMBER 16, 2013

INDIVIDUAL SLAB REPLACEMENT (RSC)

SHEET No.	STATION	DIRECTION	NUMBER OF SLABS (N) No. 1 LANE	No. 2 LANE	No. 5 LANE	INDIVIDUAL SLAB REPLACEMENT (RAPID STRENGTH CONCRETE)	REPLACE UNDERLYING BASE	DOWEL BAR (DRILL AND BOND)	BASE BOND BREAKER
			EA	EA		CY	CY	EA	SQYD
L-2 TO L-5	515+00 TO 565+00	EB	4			18.0		88	80
L-6	565+00 TO 581+00	EB	2			9.0		44	40
L-7 TO L-17	581+00 TO 739+00	EB	1	2		13.5		66	60
L-17 TO L-23	739+00.TO 824+00	EB	1	8		40.5	85	198	180
L-23 TO L-24	824+00 TO 839+50	EB		7		31.5		154	140
L-24 TO L-25	839+50 TO 850+00	EB	1	15		68.5		352	320
	EB SUBTOTAL		9	32		181.0	85	902	820
L-2 TO L-5	515+00 TO 565+00	WB	7	2		40.5		198	180
L-6	565+00 TO 581+00	WB	2	11		99.0		286	260
L-7 TO L-17	581+00 TO 739+00	WB	2	9		49.5		242	220
L-17 TO L-23	739+00.TO 824+00	WB	2	16		81.0	55	396	360
L-23 TO L-24	824+00 TO 839+50	WB	1	1		9.0		44	40
L-24 TO L-25	839+50 TO 850+00	WB	2	10	3	~~54.0~~ 67.5		~~264~~ 330	~~240~~ 280
	WB SUBTOTAL		16	49	3	~~333.0~~ 346.5	55	~~1,430~~ 1,496	~~1,300~~ 1,340
TOTAL			25	81 ~~84~~	3	~~514.0~~ 527.5	140	~~2,332~~ 2,398	* ~~2,120~~ 2,160

2 2 2 2

SUMMARY OF QUANTITIES

Q-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

FUNCTIONAL SUPERVISOR: OJI KALU
CALCULATED-DESIGNED BY: MY HUNG
CHECKED BY: DAN TRAN
REVISED BY: 3/5
DATE REVISED:

LAST REVISION 12-12-12 | DATE PLOTTED => 16-SEP-2013 | TIME PLOTTED => 10:02

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	210	R9.7/R16.1	259	349

REGISTERED CIVIL ENGINEER 3-5-13 DATE

4-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER DAN TRAN No. 63456 Exp 09/30/14 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.

MAINLINE PAVEMENT STRUCTURAL SECTION

SHEET No.	PAVEMENT SECTION	STATION	LOCATION	REMOVE CONCRETE PAVEMENT (SQYD)	ROADWAY EXCAVATION (CY)	JOINTED PLAIN CONCRETE PAVEMENT (CY)	LEAN CONCRETE BASE (CY)	CLASS 3 AGGREGATE BASE (CY)	JOINTED PLAIN CONCRETE PAVEMENT (RAPID STRENGTH CONCRETE) (CY)	LEAN CONCRETE BASE RAPID SETTING (CY)	JOINTED PLAIN CONCRETE PAVEMENT (ROLLER COMPACTED CONCRETE) (CY)	HOT MIX ASPHALT (TYPE A) (TON)	HOT MIX ASPHALT (TYPE A-WMA) (TON) 2	RUBBERIZED HOT MIX ASPHALT (GAP GRADED-WMA) (TON) 2	COLD PLANE ASPHALT CONCRETE PAVEMENT (SQYD) 2	BASE BOND BREAKER (SQYD) 2
L-22	1	797+00 TO 812+00	MAINLINE WB	8,167	8,197	1,546	515	1,031								4,417
	5		SHOULDER WB											155	1,356	
	6		MEDIAN			1,417	583									5,000
	1		MAINLINE EB			1,546	515	1,031								4,417
	5		SHOULDER EB											266	2,660	
L-23	1	812+00 TO 827+00	MAINLINE WB	7,051	7,177	1,333	444	888								3,807
	5		SHOULDER WB											145	1,198	
	6		MEDIAN			1,217	501									4,297
	1		MAINLINE EB			1,337	446	891								3,819
	5		SHOULDER EB											157	1,424	
	10		SHOULDER EB										108	81		
L-24	1	827+00 TO 841+00	MAINLINE WB	4,770	4,805	694	231	463								1,983
	2		MAINLINE WB					112	169	56						482
	5		SHOULDER WB											90	825	
	10		SHOULDER WB													
	6		MEDIAN			834	343									2,943
	1		MAINLINE EB			750	250	500								2,144
	2		MAINLINE EB					95	143	48						409
	5		SHOULDER EB											82	650	
	10		SHOULDER EB													
L-25	2	841+00 TO 853+00	MAINLINE WB	6,239	5,244			665	998	333						2,850
	5		SHOULDER WB											27	580	
	10		SHOULDER WB													
	6		MEDIAN			211	87									746
	9		MEDIAN									451				
	2		MAINLINE EB					777	1,166	389						3,330
	5		SHOULDER EB													
	10		SHOULDER EB													
SUB-TOTAL				26,227	25,423	10,885	3,915	6,453	2,476	826	-	451	108	1,003	8,693	40,644
SHEET TOTAL				26,227	25,423	10,885	3,915	6,453	2,476	826	-	451	108	1,003	8,693	40,644
SHEET TOTAL Q-1				-	-	-	-	-	-	-	-	-	-	-	-	* 2,160
SHEET TOTAL Q-2				31,014	32,198	17,540	6,324	7,826	277	92	-	83	-	147	13,063	54,991
SHEET TOTAL Q-3				55,075	58,327	29,758	10,832	13,988	333	137	2,983	356	-	1,206	9,954	92,476
SHEET TOTAL Q-4				53,581	55,610	29,583	10,793	13,922	-	-	962	408	-	1,689	14,330	90,764
GRAND TOTAL				165,897	171,558	87,766	31,864	42,189	3,086	1,055	3,945	1,298	108	5,371	46,040	281,035

* FOR SUMMARY OF QUANTITY, SEE SHEET Q-1

2 REPLACED PER ADDENDUM No. 2 DATED SEPTEMBER 16, 2013

SUMMARY OF QUANTITIES
Q-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DESIGN
FUNCTIONAL SUPERVISOR: OJI KALU
CALCULATED-DESIGNED BY: MY HUNG
CHECKED BY: DAN TRAN
REVISED BY: 3/5
DATE REVISED:

LAST REVISION 12-12-12 | DATE PLOTTED => 13-SEP-2013 | TIME PLOTTED => 15:56

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	210	R9.7/R16.1	261	349

REGISTERED CIVIL ENGINEER 3-5-13 DATE

4-22-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER DAN TRAN No. 63456 Exp 09/30/14 CIVIL STATE OF CALIFORNIA

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METAL BEAM GUARD RAILING

SHEET No.	STATION	REMOVE MBGR	SALVAGE MBGR	TREATED WOOD WASTE	METAL BEAM GUARD RAILING (WOOD POST)	METAL BEAM GUARD RAILING (STEEL POST)	METAL BEAM GUARD RAILING (7' STEEL POST)	STAINING GALVANIZED SURFACES	ALTERNATIVE IN-LINE TERMINAL SYSTEM	ALTERNATIVE FLARED TERMINAL SYSTEM	END ANCHOR ASSEMBLY (TYPE SFT)	END CAP (TYPE A)	END CAP (TYPE TC) (N)	TRANSITION RAILING (TYPE WB)	DELINEATOR (CLASS 1) *	VEGETATION CONTROL (MINOR CONCRETE)
		LF	LF	LB	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	SQYD
L-1	505+00 TO 508+00	140		1,410			20		1						6	23
L-2	508+00 TO 523+00	3,778		38,050			1,823			1	1		1	1	151	628
L-3	523+00 TO 537+00	415		2,520			247					1			10	40
L-4	537+00 TO 551+00	3,740		55,180		1,413	1,266		2		2		1	1	218	912
L-5	551+00 TO 566+00	1,989		40,060		2,021						3	3	3	167	699
L-6	566+00 TO 581+00	102		2,060		113				1	1	1	1	1	14	58
L-7	581+00 TO 596+00	155		3,120		138			1	1	1	1	2	2	22	92
L-8	596+00 TO 611+00	65		1,310		25				1	1				5	21
L-9	611+00 TO 625+00	67		1,350		25				1	1				117	21
L-10	625+00 TO 640+00		1,441	29,020		690	738	1,466 ~~1,428~~		1	1				117	488
L-11	640+00 TO 654+00		1,862	37,500		435	1,400	1,873 ~~1,835~~		1					150	624
L-12	654+00 TO 667+00		946	19,050		73	974	1,047			2				84	349
L-13	667+00 TO 681+00		2,547	51,300		287	2,285	2,572			1				206	857
L-14	681+00 TO 695+00		1,420	28,600			1,420	1,420			1				113	473
L-15	695+00 TO 710+00		1,987	40,020		825	1,277	2,102			2				168	701
L-16	710+00 TO 724+00		1861	37,470			1,823	1,861 ~~1,823~~		1	1				149	620
L-17	724+00 TO 739+00		935	18,830			965	965							77	322
L-18	739+00 TO 753+00	431	180	12,310		375	180	580 ~~180~~	1	1	3	2	2	2	53	222
L-20	767+00 TO 782+00	628		12,650		464		478 ~~50~~	1	1	2				44	184
L-21	782+00 TO 797+00	2,317		42,630	792	1,325		1,325			2				169	706
L-22	797+00 TO 812+00	700		14,100	700										56	233
L-23	812+00 TO 827+00	3,077		39,560		760	1,107			1	1	1	2	2	157	651
L-24	827+00 TO 841+00	487		9,810		570			2	1	2	4	3	3	49	206
L-25	841+00 TO 853+00	1,197		24,110		1168							1	1	95	398
TOTAL		19,278	13,179	562,020	1,492	10,707	15,525	~~14,747~~ 15,689 2	8	12	25	13	16	16	2,397	9,528

* PLACE DELINEATOR AT EVERY OTHER POST

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

2 REPLACED PER ADDENDUM No. 2 DATED SEPTEMBER 16, 2013

SUMMARY OF QUANTITIES

Q-7

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans DESIGN

FUNCTIONAL SUPERVISOR: OJI KALU

CALCULATED-DESIGNED BY: MY HUNG

CHECKED BY: DAN TRAN

REVISED BY: 3/5

DATE REVISED:

LAST REVISION 12-12-12 | DATE PLOTTED => 13-SEP-2013 | TIME PLOTTED => 15:56

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	210	R9.7/R16.1	328	349

William K. Farnbach
REGISTERED CIVIL ENGINEER

July 19, 2013
PLANS APPROVAL DATE

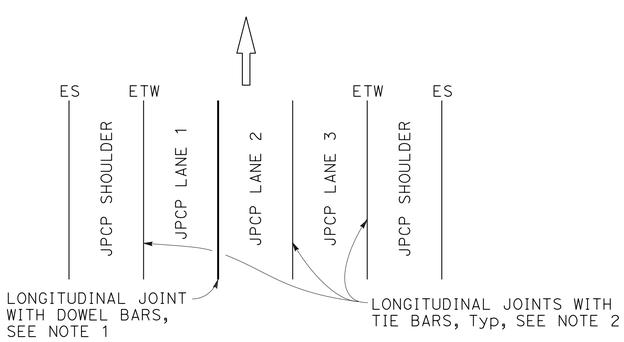
REGISTERED PROFESSIONAL ENGINEER
William K. Farnbach
No. C49042
Exp. 9-30-14
CIVIL
STATE OF CALIFORNIA

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.

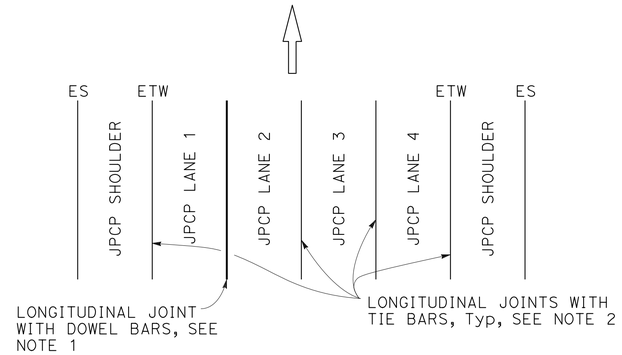
TO ACCOMPANY PLANS DATED 4-22-13

2

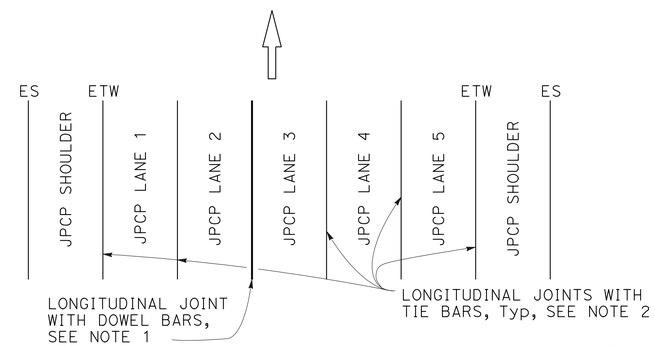
2010 REVISED STANDARD PLAN RSP P18



3 LANES WITH CONCRETE SHOULDERS
PLAN



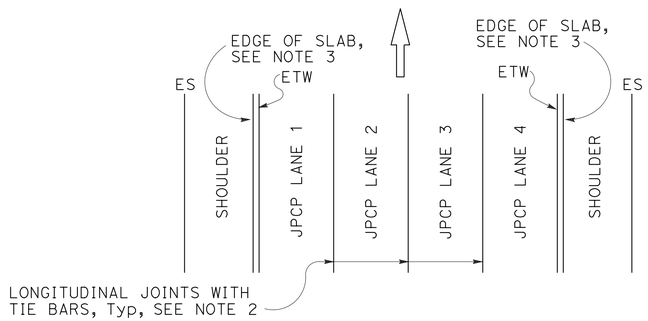
4 LANES WITH CONCRETE SHOULDERS
PLAN



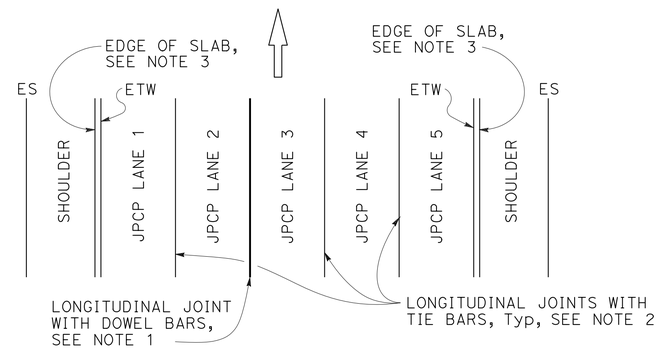
5 LANES WITH CONCRETE SHOULDERS
PLAN

NOTES:

1. See Revised Standard Plan RSP P10 for longitudinal joint with dowel bars.
2. See Revised Standard Plan RSP P15 for longitudinal joint with tie bars.
3. S= Reservoir depth.
   S= 7/8" ± 1/16" for asphalt rubber seals
   S= 9/16" ± 1/16" for silicone seals
   Preformed compression seals must be 13/16" wide and S= 1 11/16" ± 1/16"



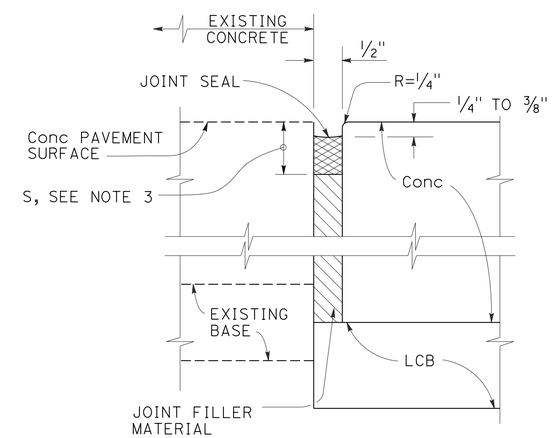
4 LANES OR LESS WITH AC SHOULDERS
PLAN



5 LANES WITH AC SHOULDERS
PLAN

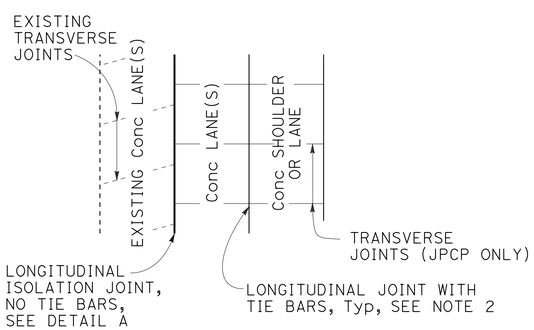
NEW CONSTRUCTION

Location of Longitudinal Joints For JPCP



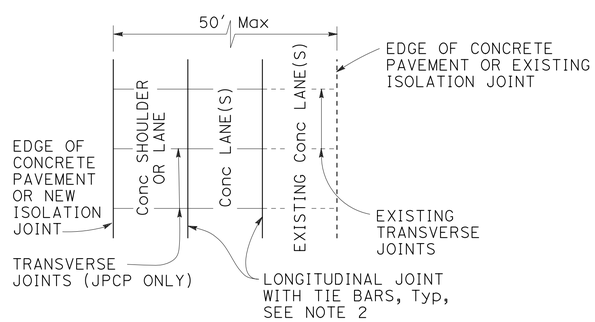
DETAIL "A"

ISOLATION JOINT



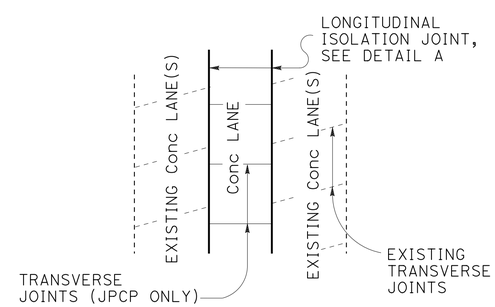
CASE 1
PLAN

Transverse Joints do not align between new and existing.



CASE 2
PLAN

Transverse Joints align between new and existing. (For JPCP only)



CASE 3 (INTERIOR LANE REPLACEMENT)
PLAN

Transverse Joints do not align between new and existing.

LANE/SHOULDER ADDITION OR RECONSTRUCTION

For JPCP and CRCP

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

CONCRETE PAVEMENT LANE SCHEMATICS AND ISOLATION JOINT DETAIL

NO SCALE

2 **REPLACED PER ADDENDUM No. 2 DATED SEPTEMBER 16, 2013**

RSP P18 DATED JULY 19, 2013 SUPERSEDES RSP P18 DATED APRIL 20, 2012 AND STANDARD PLAN P18 DATED MAY 20, 2011 - PAGE 135 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP P18

5-31-13