

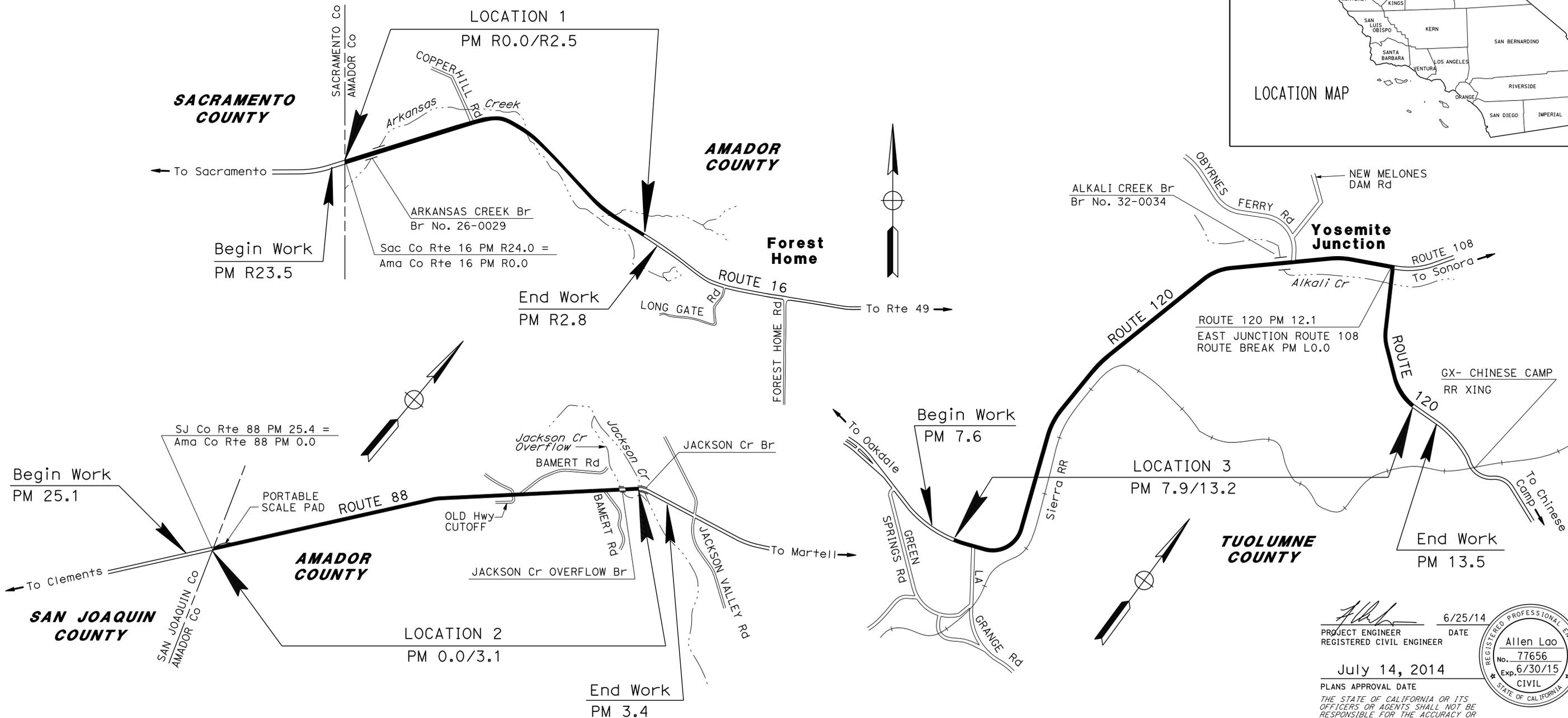
INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2	TYPICAL CROSS SECTIONS
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7	CONSTRUCTION AREA SIGNS
8-9	PAVEMENT DELINEATION QUANTITIES
10	SUMMARY OF QUANTITIES
11-14	REVISED STANDARD PLANS

THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.

STATE OF CALIFORNIA **ACHSSTPG-000C(383)E**
DEPARTMENT OF TRANSPORTATION
PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN AMADOR AND TUOLUMNE COUNTIES
AT VARIOUS LOCATIONS

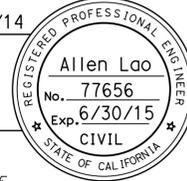
TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2010



PROJECT MANAGER
JOHN ROCCANOVA

DESIGN ENGINEER
JOSE HUERTA

PROJECT ENGINEER
 REGISTERED CIVIL ENGINEER
 DATE: 6/25/14
 PLANS APPROVAL DATE: July 14, 2014
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.



THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

NO SCALE

DATE PLOTTED => 23-JUL-2014 TIME PLOTTED => 12:52

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN	FUNCTIONAL SUPERVISOR	JOSE HUERTA
		CALCULATED/DESIGNED BY	CHECKED BY
		REVISOR	DATE
		DESIGNED BY	DATE
		APPROVED BY	DATE
		DESIGNED BY	DATE
		APPROVED BY	DATE

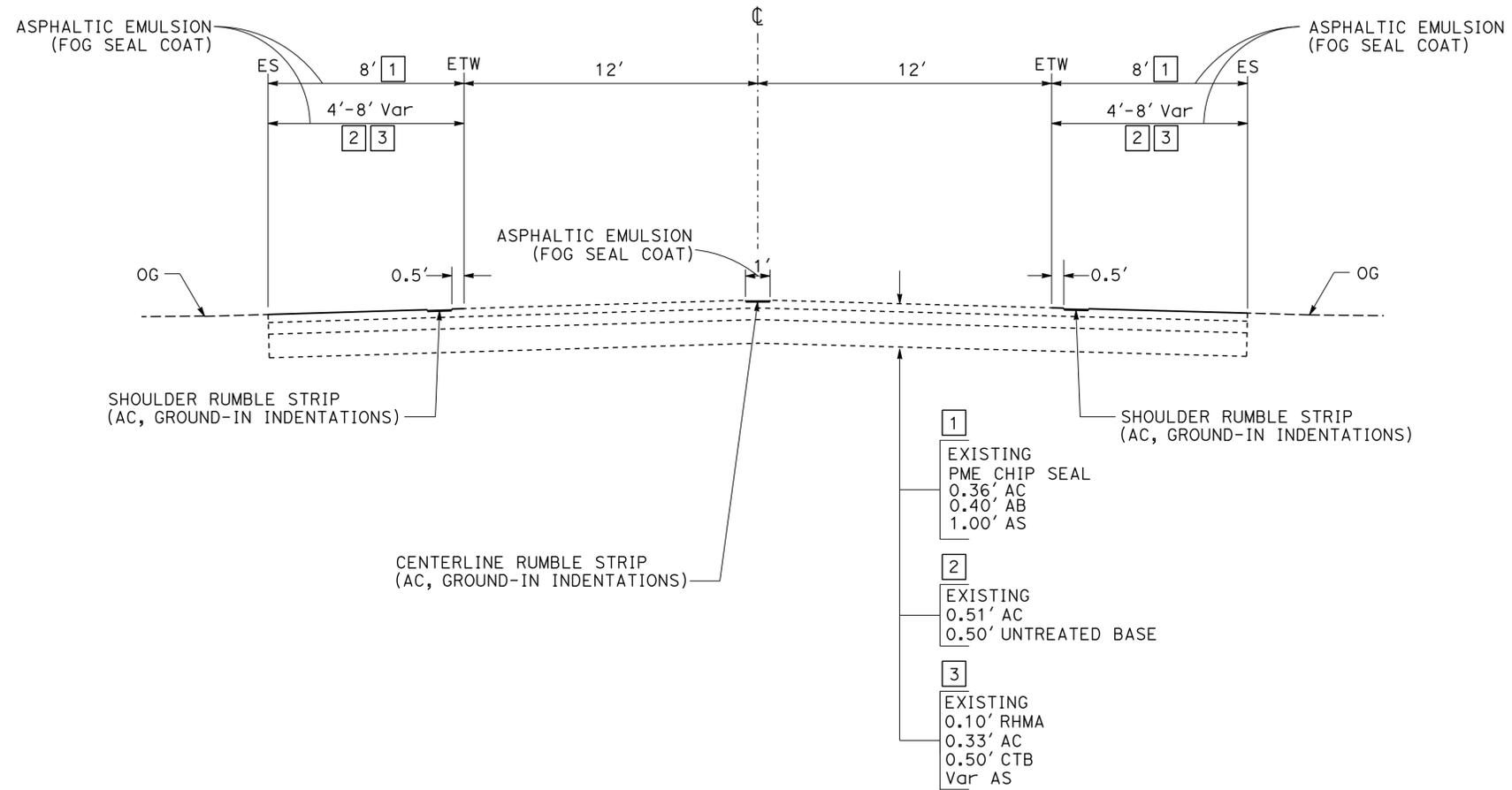
NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.
- FOR LOCATIONS OF RUMBLE STRIPS SEE SUMMARY OF QUANTITIES.
- SEE SHEET C-1 FOR LOCATIONS OF 6" SHOULDER RUMBLE STRIP WHEN SHOULDER IS 4 FEET.

LEGEND:

LOCATION No.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Ama, Tuo	16,88, 120	Var	2	14
			6/25/14		
			REGISTERED CIVIL ENGINEER	DATE	
			7-14-14	PLANS APPROVAL DATE	
<small>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.</small>					



PM 7.9/13.2
ROUTE 120
LOCATION 3

PM 0.0/3.1
ROUTE 88
LOCATION 2

PM R0.0/R2.5
ROUTE 16
LOCATION 1

TYPICAL CROSS SECTIONS

NO SCALE **X-1**

LAST REVISION DATE PLOTTED => 23-JUL-2014 00-00-00 TIME PLOTTED => 12:52

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Ama, Tuo	16,88, 120	Var	3	14

REGISTERED CIVIL ENGINEER	DATE
Allen Lao	6/25/14
PLANS APPROVAL DATE	
	7-14-14

REGISTERED PROFESSIONAL ENGINEER	No.	Exp.
Allen Lao	77656	6/30/15
CIVIL		

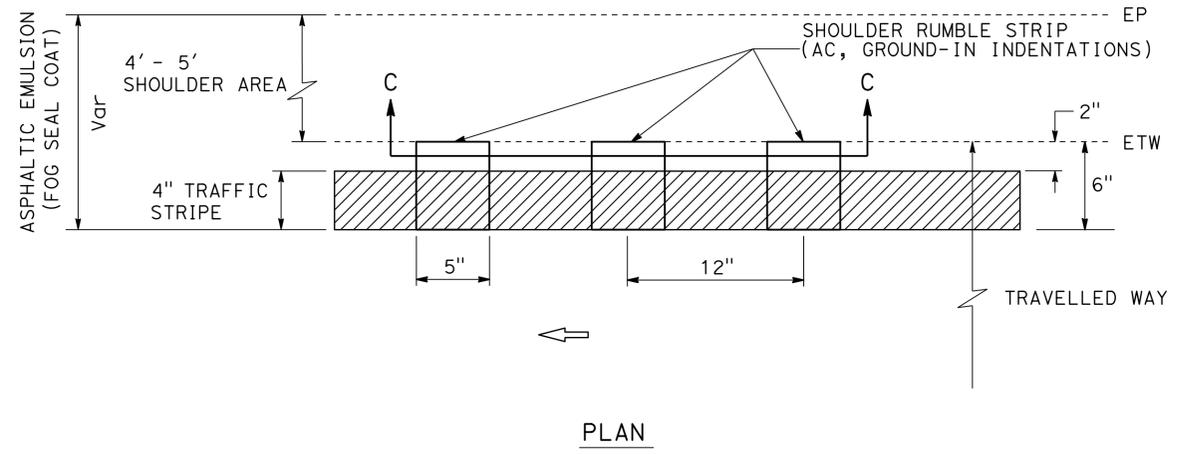
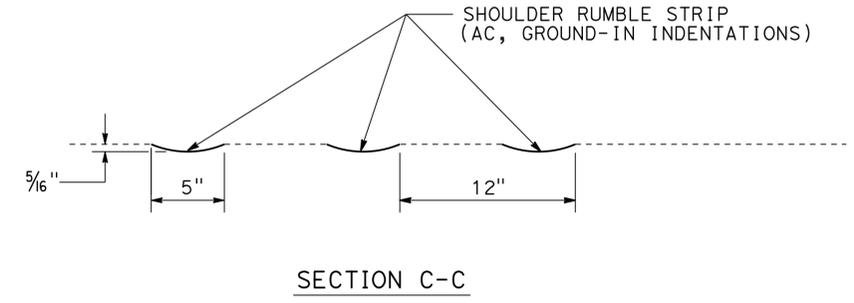
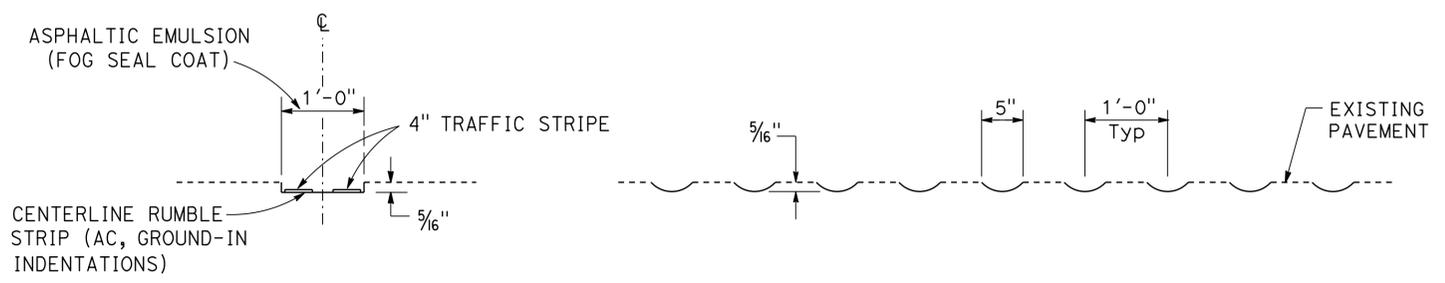
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

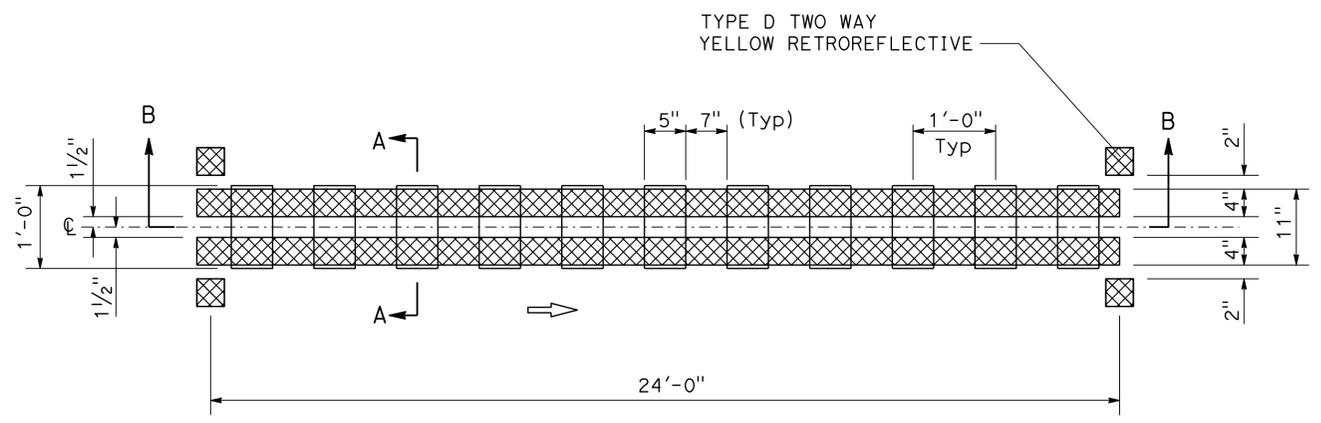
LEGEND

-  ASPHALTIC EMULSION (FOG SEAL COAT)
-  4" THERMOPLASTIC WHITE STRIPE
-  4" THERMOPLASTIC YELLOW STRIPE
-  TYPE D TWO-WAY YELLOW RETROREFLECTIVE
-  TYPE H ONE-WAY YELLOW RETROREFLECTIVE



PM 0.00 TO 2.27 PM 12.46 TO 13.10
LOCATION 2 **LOCATION 3**

**6" SHOULDER RUMBLE STRIPS WITH
 DETAIL 27B TRAFFIC LINE**



PM 0.92 TO 1.29
LOCATION 1

PM 0.28 TO 0.42
 PM 0.95 TO 1.03
 PM 1.59 TO 1.70
 PM 2.84 TO 3.10
LOCATION 2

PM 7.96 TO 8.16
 PM 8.17 TO 8.45
 PM 9.31 TO 9.48
 PM 9.87 TO 10.09
 PM 10.83 TO 10.98
 PM 11.15 TO 11.34
 PM 11.37 TO 11.48
 PM 11.48 TO 11.53
 PM 11.93 TO 12.06
 PM 12.07 TO 12.32
 PM 12.33 TO 13.17
LOCATION 3

**CENTERLINE RUMBLE STRIPS WITH
 DETAIL 22 TRAFFIC LINE**

CONSTRUCTION DETAILS

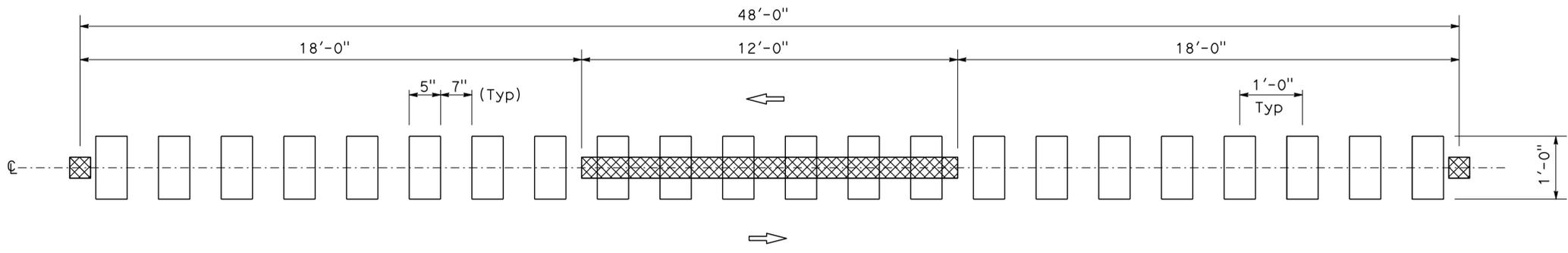
NO SCALE **C-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 FUNCTIONAL SUPERVISOR: JOSE HUERTA
 CALCULATED/DESIGNED BY: ALLEN LAO
 CHECKED BY: KAM Y. LUANGRATH
 REVISED BY: KYL
 DATE REVISED: 07/11/14

LAST REVISION DATE PLOTTED => 23-JUL-2014
 00-00-00 TIME PLOTTED => 12:52

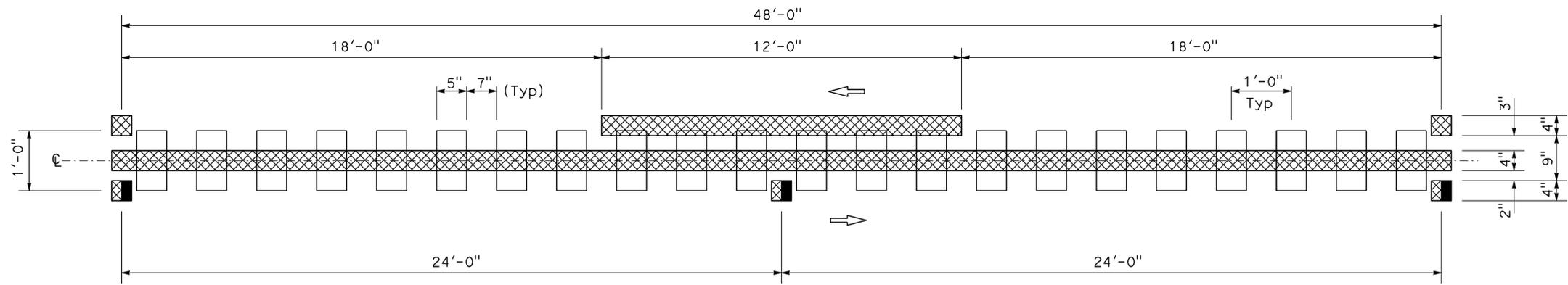
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Ama, Tuo	16,88, 120	Var	4	14
			6/25/14	REGISTERED CIVIL ENGINEER DATE	
			7-14-14	PLANS APPROVAL DATE	
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					

NOTES:
EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.



- | | | |
|-------------------|-------------------|-------------------|
| PM 0.00 TO 0.07 | PM 0.00 TO 0.11 | PM 8.62 TO 9.08 |
| PM 0.20 TO 0.85 | PM 0.59 TO 0.76 | PM 9.48 TO 9.66 |
| PM 1.38 TO 1.71 | PM 1.17 TO 1.45 | PM 10.28 TO 10.69 |
| PM 1.89 TO 2.24 | PM 1.80 TO 2.45 | PM 11.65 TO 11.87 |
| PM 2.37 TO 2.50 | PM 2.53 TO 2.69 | |
| LOCATION 1 | LOCATION 2 | LOCATION 3 |

**CENTERLINE RUMBLE STRIPS WITH
DETAIL 6 TRAFFIC LINE**



- | | | |
|-------------------|-------------------|-------------------|
| PM 0.07 TO 0.20 | PM 0.11 TO 0.28 | PM 7.90 TO 7.96 |
| PM 0.85 TO 0.91 | PM 0.42 TO 0.59 | PM 8.45 TO 8.62 |
| PM 1.29 TO 1.38 | PM 0.76 TO 0.95 | PM 9.08 TO 9.29 |
| PM 1.71 TO 1.89 | PM 1.03 TO 1.17 | PM 9.31 TO 9.48 |
| PM 2.24 TO 2.37 | PM 1.45 TO 1.59 | PM 9.66 TO 9.87 |
| LOCATION 1 | PM 1.70 TO 1.80 | PM 10.09 TO 10.28 |
| | PM 2.45 TO 2.53 | PM 10.69 TO 10.83 |
| | PM 2.69 TO 2.84 | PM 10.98 TO 11.15 |
| | | PM 11.53 TO 11.65 |
| | | PM 11.87 TO 11.93 |
| | | PM 13.17 TO 13.20 |
| | LOCATION 2 | LOCATION 3 |

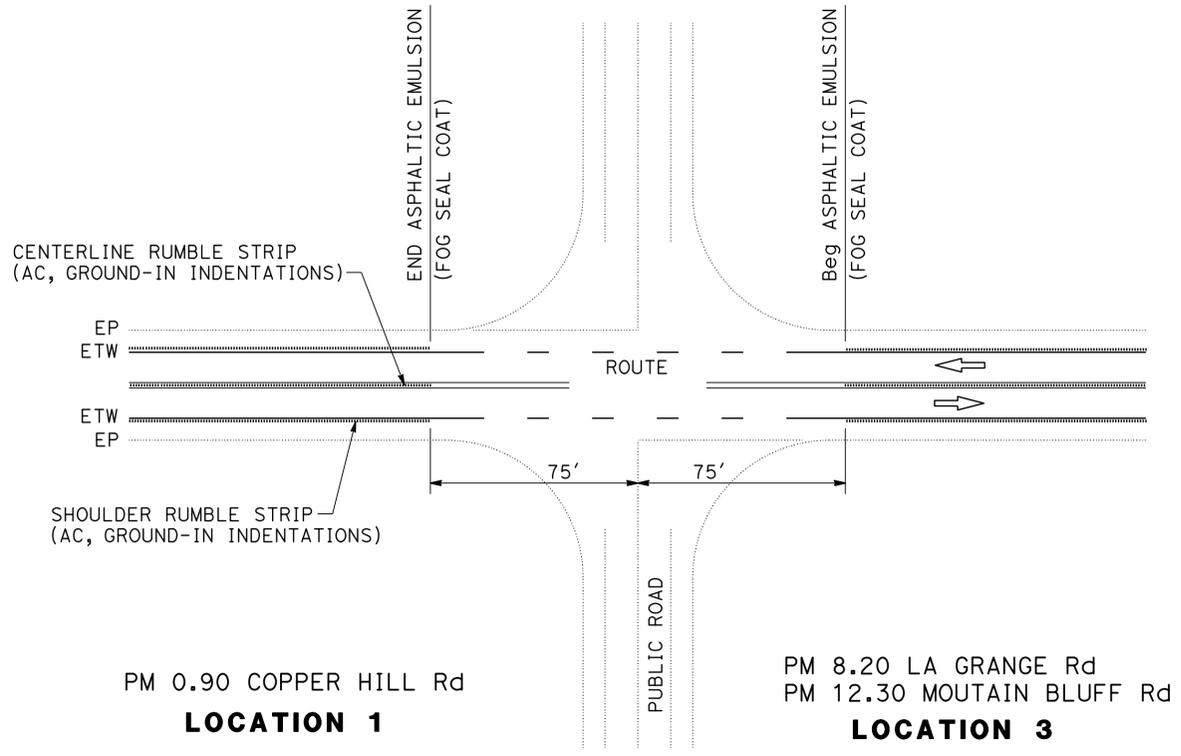
**CENTERLINE RUMBLE STRIPS WITH
DETAIL 19 TRAFFIC LINE**

**CONSTRUCTION DETAILS
NO SCALE
C-2**

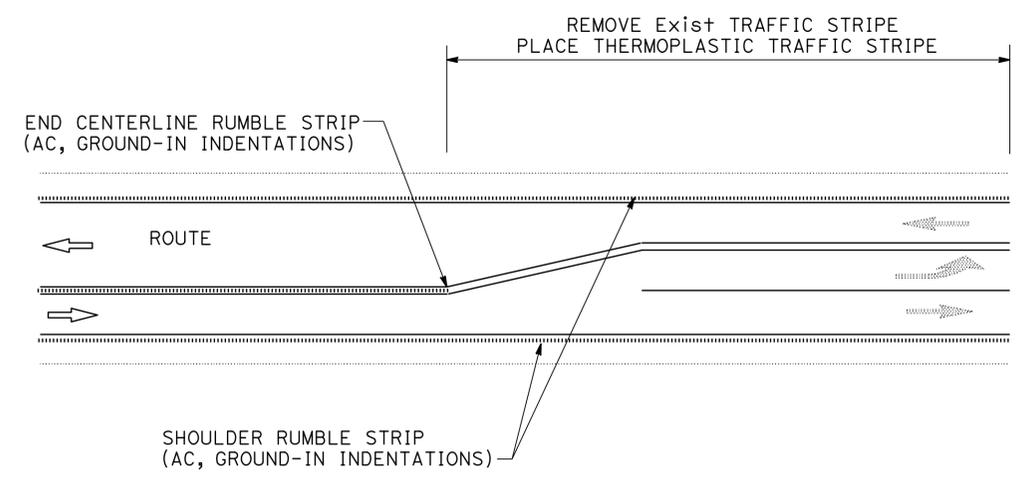
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 DESIGN
 Jose Huerta
 FUNCTIONAL SUPERVISOR
 KAM Y. LUANGRATH
 ALLEN LAO
 REVISOR
 KYL
 07/11/14
 DATE REVISOR
 00-00-00
 TIME PLOTTED => 12:52

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Ama, Tuo	16,88, 120	Var	5	14
			6/25/14		
REGISTERED CIVIL ENGINEER			DATE		
7-14-14			PLANS APPROVAL DATE		
Allen Lao			No. 77656		
			Exp. 6/30/15		
			CIVIL		
<small>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.</small>					

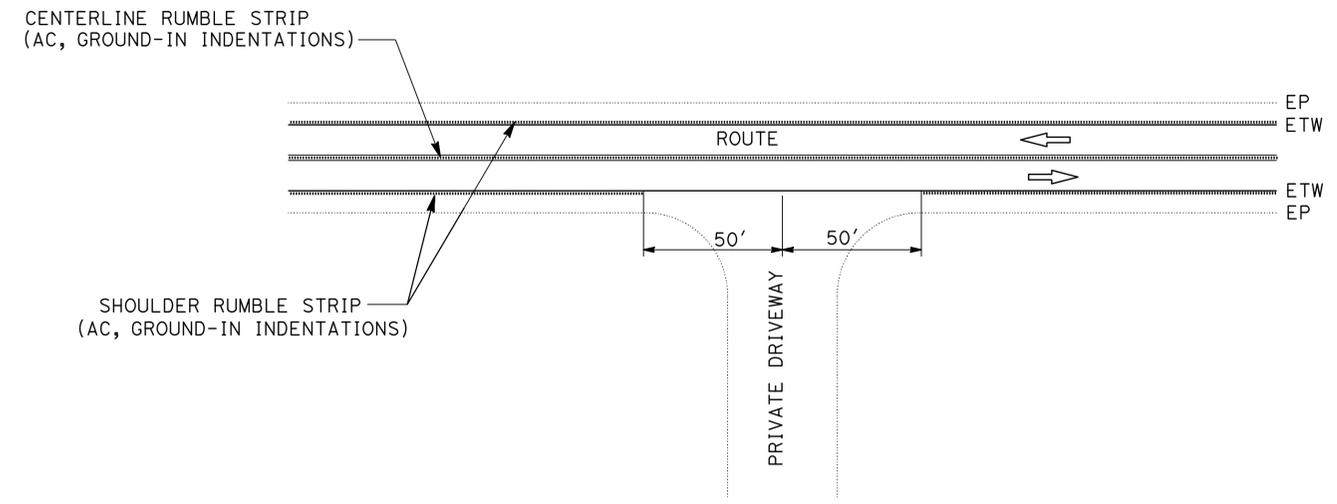
NOTES:
EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.



RUMBLE STRIP AND FOG SEAL DETAILS AT PUBLIC ROAD INTERSECTIONS



RUMBLE STRIP DETAILS AT LEFT TURN POCKETS



RUMBLE STRIP DETAILS AT PRIVATE DRIVEWAYS

CONSTRUCTION DETAILS
NO SCALE
C-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	JOSE HUERTA
CALCULATED-DESIGNED BY	CHECKED BY
KAM Y. LUANGRATH	ALLEN LAO
REVISOR BY	DATE REVISED
KYL	07/11/14

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

NOTES:

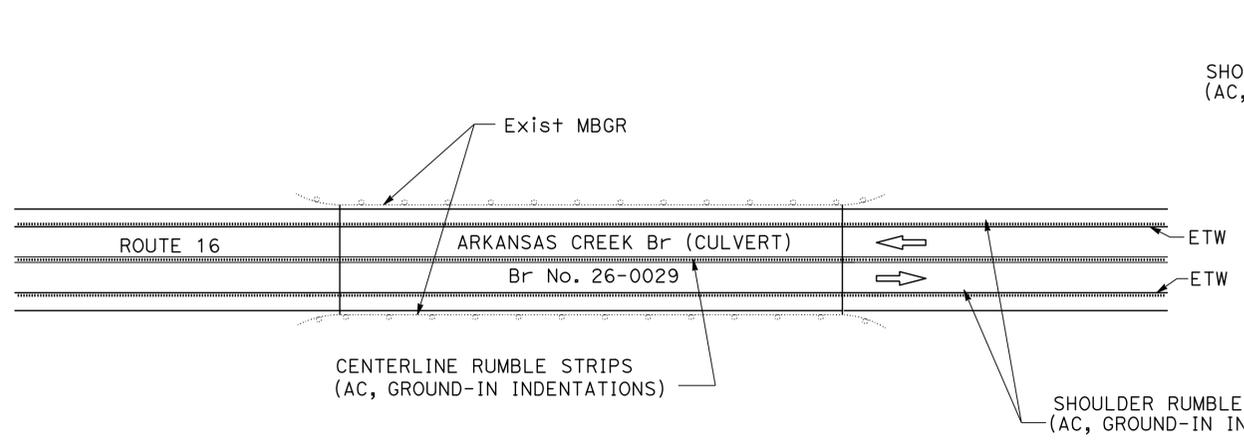
EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Ama, Tuo	16,88, 120	Var	6	14

REGISTERED CIVIL ENGINEER	DATE
Allen Lao	6/25/14
PLANS APPROVAL DATE	
	7-14-14

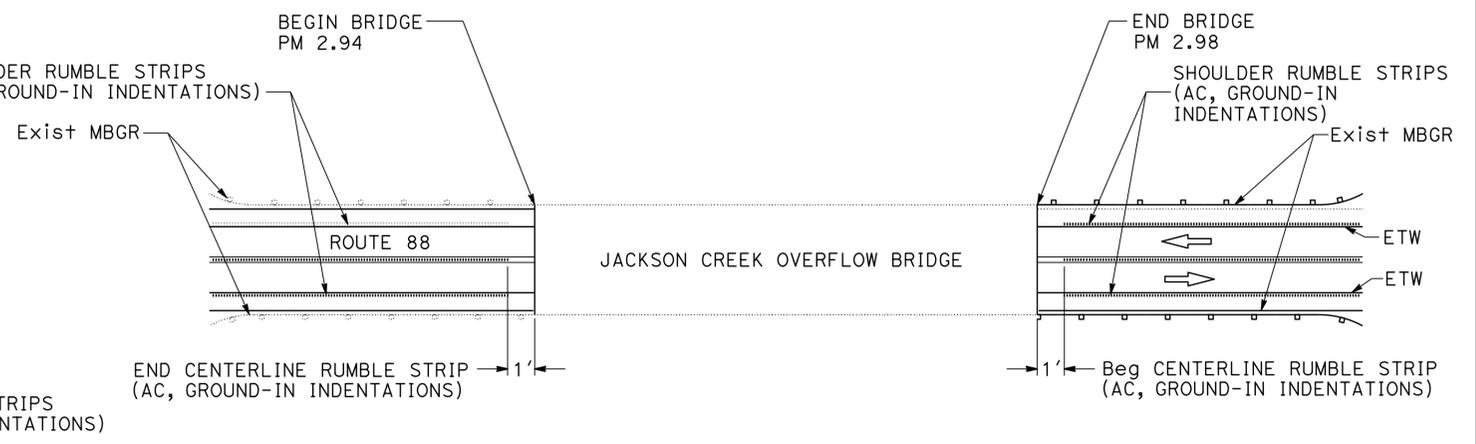
REGISTERED PROFESSIONAL ENGINEER
Allen Lao
No. 77656
Exp. 6/30/15
CIVIL

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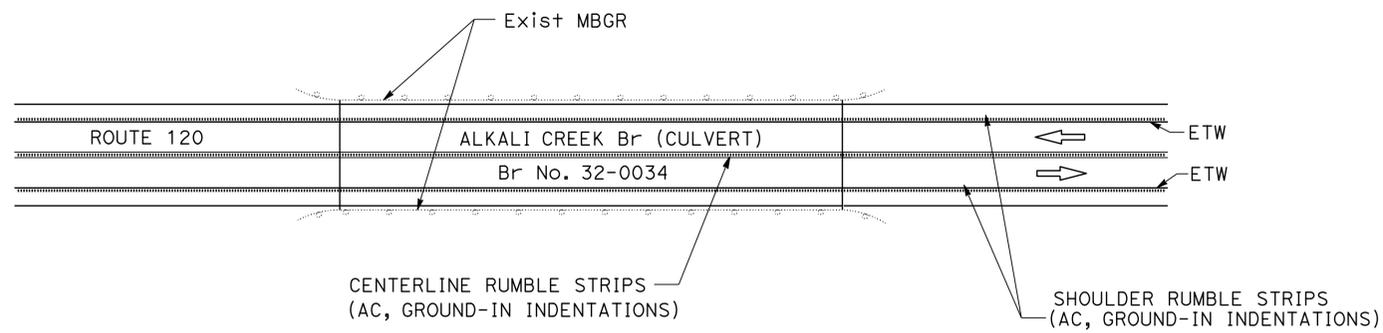
LOCATION 1

RUMBLE STRIP DETAILS AT ARKANSAS CREEK BRIDGE



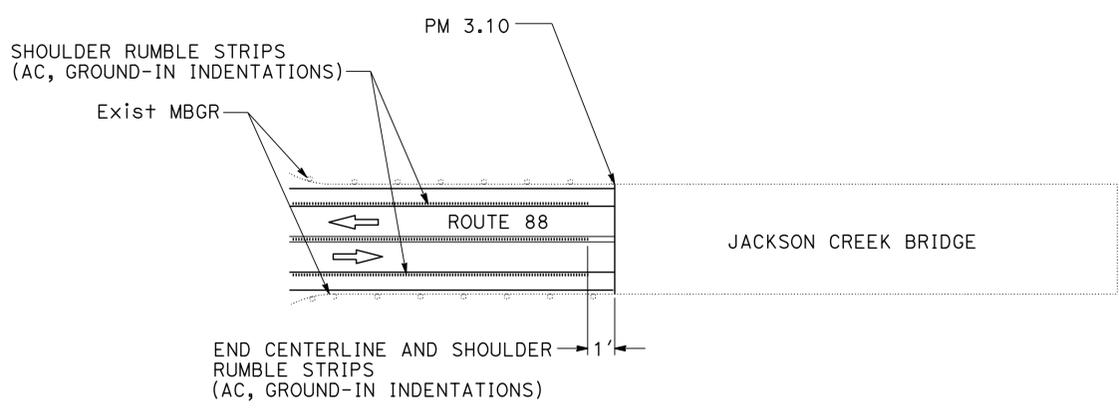
LOCATION 2

RUMBLE STRIP DETAILS AT JACKSON CREEK OVERFLOW BRIDGE



LOCATION 3

RUMBLE STRIP DETAILS AT ALKALI CREEK BRIDGE



LOCATION 2

RUMBLE STRIP DETAILS AT JACKSON CREEK BRIDGE

CONSTRUCTION DETAILS

NO SCALE

C-4

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Ama, Tuo	16,88, 120	Var	7	14

REGISTERED CIVIL ENGINEER	DATE	6/25/14
7-14-14		
PLANS APPROVAL DATE		

REGISTERED PROFESSIONAL ENGINEER
Allen Lao
 No. 77656
 Exp. 6/30/15
 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.

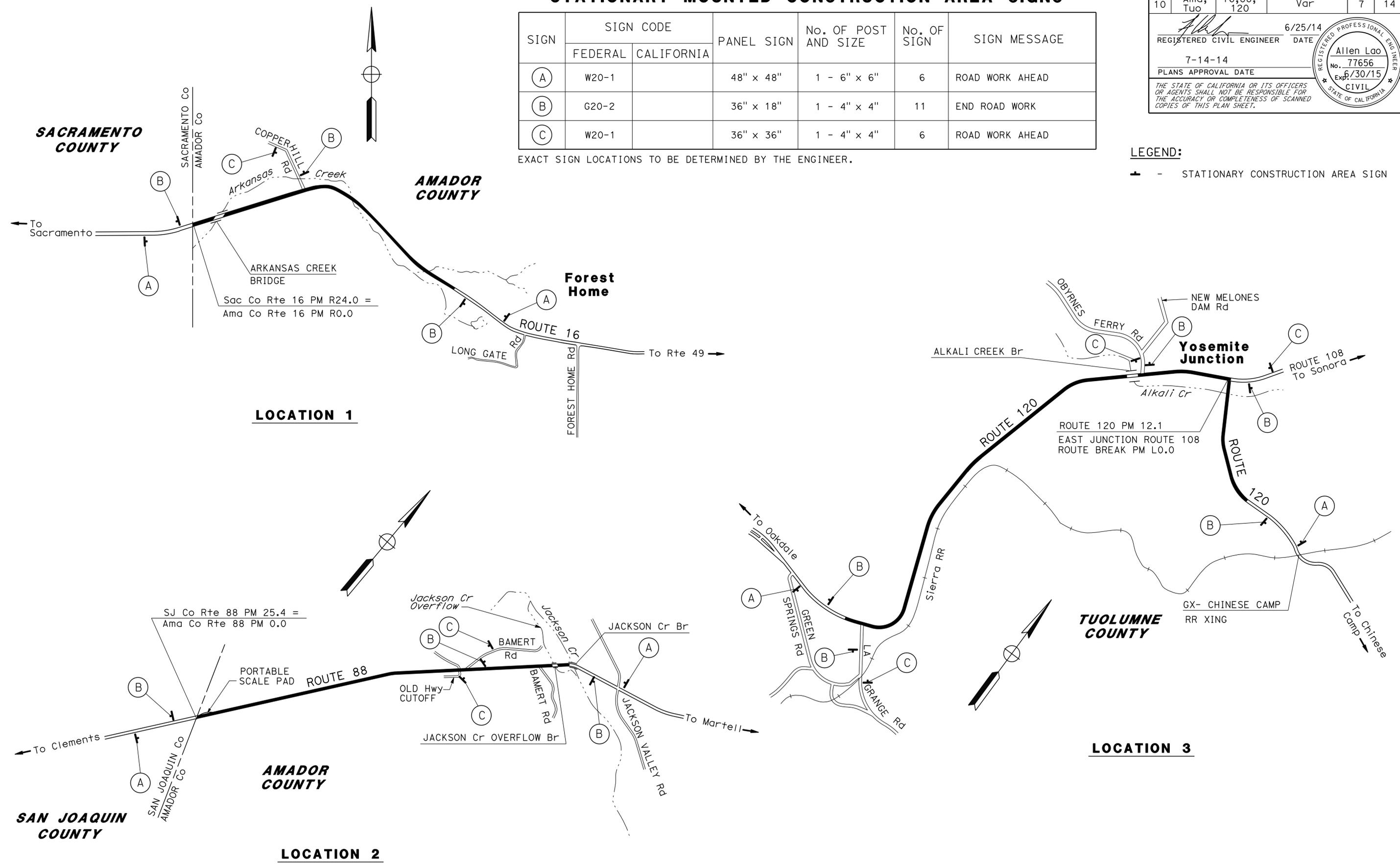
SIGN	SIGN CODE		PANEL SIGN	No. OF POST AND SIZE	No. OF SIGN	SIGN MESSAGE
	FEDERAL	CALIFORNIA				
(A)	W20-1		48" x 48"	1 - 6" x 6"	6	ROAD WORK AHEAD
(B)	G20-2		36" x 18"	1 - 4" x 4"	11	END ROAD WORK
(C)	W20-1		36" x 36"	1 - 4" x 4"	6	ROAD WORK AHEAD

EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.

LEGEND:

➤ - STATIONARY CONSTRUCTION AREA SIGN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 FUNCTIONAL SUPERVISOR: JOSE HUERTA
 CALCULATED/DESIGNED BY: [blank] CHECKED BY: [blank]
 REVISED BY: KYL DATE REVISED: 06/30/14
 KAM Y. LUANGRATH ALLEN LAO
 06/30/14



APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

CONSTRUCTION AREA SIGNS CS-1

NO SCALE

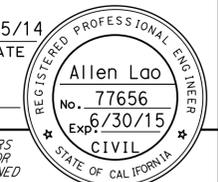
LAST REVISION: 00-00-00 DATE PLOTTED => 23-JUL-2014 TIME PLOTTED => 12:52

PAVEMENT DELINEATION ITEMS

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Ama, Tuo	16,88, 120	Var	8	14

6/25/14
 REGISTERED CIVIL ENGINEER DATE

7-14-14
 PLANS APPROVAL DATE



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LOCATION	DETAIL No.	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	REMOVE THERMOPLASTIC TRAFFIC STRIPE	REMOVE YELLOW PAINTED TRAFFIC STRIPE (HAZARDOUS WASTE)	REMOVE PAINTED TRAFFIC STRIPE	4" THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)					REMOVE PAVEMENT MARKERS	PAVEMENT MARKER (RETROREFLECTIVE)						
						BROKEN (36-12) YELLOW	SOLID BROKEN (36-12) YELLOW	DOUBLE YELLOW	WHITE	BROKEN WHITE		EA	EA	EA				
						LF	LF	LF	LF	LF		EA	EA	EA				
CENTERLINE 1	PM - PM																	
	0.00 TO 0.07	6				370					8		8					
	0.07 TO 0.20	19					1,372				42		14		28			
	0.20 TO 0.85	6					3,432				72		72					
	0.85 TO 0.91	19						634			21		7		14			
	0.92 TO 1.29	22				3,908			3,908		164		164					
	1.29 TO 1.38	19									30		10		20			
	1.38 TO 1.71	6					1,742				36		36					
	1.71 TO 1.89	19				1,190					60		20		40			
	1.89 TO 2.24	6					1,848				39		39					
	2.24 TO 2.37	19									42		14		28			
	2.37 TO 2.50	6									14		14					
	2	0.00 TO 0.11	6	144			581					12		12				
		0.11 TO 0.28	19	1,123				1,796				57		19		38		
		0.28 TO 0.42	22	1,478						1,478		62		62				
		0.42 TO 0.59	19	1,123						1,796		57		19		38		
		0.59 TO 0.76	6	228			898					19		19				
		0.76 TO 0.95	19	1,254								63		21		42		
		0.95 TO 1.03	22	844							844	36		36				
		1.03 TO 1.17	19	924								45		15		30		
1.17 TO 1.45		6	372			1,478					31		31					
1.45 TO 1.59		19	924							1,478	45		15		30			
1.59 TO 1.70		22	1,162						1,162		48		48					
1.70 TO 1.80		19	660							1,056	33		11		22			
1.80 TO 2.45		6	864			3,432					72		72					
2.45 TO 2.53		19	528							844	27		9		18			
2.53 TO 2.69		6	216			845					18		18					
2.69 TO 2.84	19	990							1,584	51		17		34				
2.84 TO 3.10	22	2,746								114		114						
3	7.90 TO 7.96	19	396							634		21		7	14			
	7.96 TO 8.16	22	2,112								88		88					
	8.17 TO 8.45	22	2,956								124		124					
	8.45 TO 8.62	19	1,123							1,796	57		19		38			
	8.62 TO 9.08	6	612			2,429					51		51					
	9.08 TO 9.29	19	1,386								69		23		46			
	9.29 TO 9.31	22	212								8		8					
	9.31 TO 9.48	19	1,123							1,796	57		19		38			
	9.48 TO 9.66	6	240						950		20		20					
	9.66 TO 9.87	19	1,386							2,218	69		23		46			
	9.87 TO 10.09	22	2,324								96		96					
	10.09 TO 10.28	19	1,254							2,006	63		21		42			
	10.28 TO 10.69	6	540			2,165					45		45					
	10.69 TO 10.83	19	924							1,478	45		15		30			
	10.83 TO 10.98	22	1,584								66		66					
	10.98 TO 11.15	19	1,123							1,796	57		19		38			
	11.15 TO 11.34	22	2,006								84		84					
	11.37 TO 11.48	22	1,162								48		48					
11.48 TO 11.53	22	528								22		22						
11.53 TO 11.65	19	793							1,268	39		13		26				
11.65 TO 11.87	6	288			1,162					24		24						
11.87 TO 11.93	19	396							634	21		7		14				
11.93 TO 12.06	22	1,372								58		58						
12.07 TO 12.32	22	2,640								110		110						
12.33 TO 13.17	22	8,870								370		370						
13.17 TO 13.20	19	198								9		3		6				
SUBTOTAL			53,128		9,830		22,018		34,426		35,904		3,039		2,319		720	
PDQ-1 SHEET TOTAL			53,128		9,830		22,018		34,426		35,904		3,039		2,319		720	

PAVEMENT DELINEATION QUANTITIES

PDQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: JOSE HUERTA
 CALCULATED/DESIGNED BY: [Blank]
 CHECKED BY: [Blank]

KAM Y. LUANGRATH
 ALLEN LAO

REVISOR BY: KYL
 DATE REVISED: 7/11/14

LAST REVISION DATE PLOTTED => 23-JUL-2014
 00-00-00 TIME PLOTTED => 12:52

PAVEMENT DELINEATION ITEMS

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Ama, Tuo	16,88, 120	Var	9	14

6/25/14
 REGISTERED CIVIL ENGINEER DATE
 7-14-14
 PLANS APPROVAL DATE

Allen Lao
 No. 77656
 Exp. 6/30/15
 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.

LOCATION	DETAIL No.	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	REMOVE THERMOPLASTIC TRAFFIC STRIPE	REMOVE YELLOW PAINTED TRAFFIC STRIPE (HAZARDOUS WASTE)	REMOVE PAINTED TRAFFIC STRIPE	4" THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)					REMOVE PAVEMENT MARKERS	PAVEMENT MARKER (RETROREFLECTIVE)		
						BROKEN (36-12) YELLOW	SOLID BROKEN (36-12) YELLOW	DOUBLE YELLOW	WHITE	BROKEN WHITE		EA	EA	EA
LEFT SHOULDER	1	PM - PM	LF	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	
		0.00 TO 0.90	27B			4,752				4,752				
		0.90 TO 0.93	27C			40					150			
		0.93 TO 1.83	27B			4,752				4,752				
		1.83 TO 1.85	27C			26					100			
	1.85 TO 2.50	27B			3,432				3,432					
	2	0.00 TO 0.16	27B							845				
		0.16 TO 0.18	27C			845				26				
		0.18 TO 2.18	27B			10,560				10,560				
		2.18 TO 2.20	27C			26				26				
		2.20 TO 2.24	27B			211				211				
		2.24 TO 2.26	27C			26				26				
		2.26 TO 2.95	27B			3,643				3,643				
		2.98 TO 3.10	27B			634				634				
	3	7.90 TO 9.63	27B			9,134				9,134				
		9.63 TO 9.65	27C			26				26				
		9.65 TO 10.05	27B			2,112				2,112				
		10.05 TO 10.07	27C			26				26				
10.07 TO 11.34		27B			6,706				6,706					
11.34 TO 11.37		27C			40				40					
11.37 TO 11.73		27B			1,901				1,901					
11.73 TO 11.75	27C			26				26						
11.75 TO 13.20	27B			7,656				7,656						
RIGHT SHOULDER	1	0.00 TO 0.48	27B			2,534				2,534				
		0.48 TO 0.50	27C			26				26				
		0.50 TO 1.83	27B			7,022				7,022				
		1.83 TO 1.85	27C			26				26				
		1.85 TO 2.50	27B			3,432				3,432				
	2	0.00 TO 0.16	27B							845				
		0.16 TO 0.18	27C			845				26				
		0.18 TO 1.51	27B			7,022				7,022				
		1.51 TO 1.53	27C			26				26				
		1.53 TO 2.18	27B			3,432				3,432				
		2.18 TO 2.20	27C			26				26				
		2.20 TO 2.84	27B			3,379				3,379				
		2.84 TO 2.86	27C			26				26				
	2.86 TO 2.95	27B			475				475					
	2.98 TO 3.10	27B			634				634					
	3	7.90 TO 8.18	27B			1,478				1,478				
		8.18 TO 8.21	27C			40				40				
		8.21 TO 10.05	27B			9,715				9,715				
		10.05 TO 10.07	27C			26				26				
		10.07 TO 12.31	27B			11,827				11,827				
		12.31 TO 12.34	27C			40				40				
12.34 TO 13.20	27B			4,541				4,541						
SUBTOTAL					87,156				26,042			112,674	2,000	
PDQ-2 SHEET TOTAL					87,156				26,042			112,674	2,000	
PDQ-1 SHEET TOTAL			53,128			9,830		22,018	34,426	35,904		3,039	2,319	720
TOTAL			53,128		87,156	9,830		26,042		207,022		3,039	2,319	720

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 FUNCTIONAL SUPERVISOR: JOSE HUERTA
 CALCULATED/DESIGNED BY: KAM Y. LUANGRATH
 CHECKED BY: ALLEN LAO
 REVISED BY: KYL
 DATE REVISED: 6/24/14

**PAVEMENT DELINEATION QUANTITIES
 PDQ-2**

LAST REVISION DATE PLOTTED => 23-JUL-2014
 00-00-00 TIME PLOTTED => 12:22

RUMBLE STRIPS (AC, GROUND-IN INDENTATIONS)

LOCATION	PM - PM	MILES	CENTERLINE Sta	SHOULDER		DESCRIPTION
				LEFT Sta	RIGHT Sta	
LOCATION 1	0.00 TO 0.91	0.91	48.05			Beg PROJECT LIMIT TO COPPER HILL Rd
	0.92 TO 2.50	1.58	83.42			COPPER HILL Rd TO End PROJECT LIMIT AT Dwy
	0.00 TO 0.89	0.89		46.99		Beg PROJECT LIMIT TO COPPER HILL Rd
	0.93 TO 1.70	0.77		40.66		COPPER HILL Rd TO Dwy
	1.72 TO 1.92	0.20		10.56		Dwy TO Dwy
	1.94 TO 2.50	0.56		29.57		Dwy TO End PROJECT LIMIT
	0.00 TO 0.48	0.48			25.34	Beg PROJECT LIMIT TO MARIAH HEIGHTS Rd
	0.50 TO 1.92	1.42			74.98	MARIAH HEIGHTS Rd TO Dwy
LOCATION 2	1.94 TO 2.48	0.54			28.51	Dwy TO Dwy
	0.00 TO 3.10	3.10	163.68			Beg PROJECT LIMIT TO End PROJECT LIMIT
	0.00 TO 0.16	0.16		8.45		Beg PROJECT LIMIT AT COUNTY LINE TO Dwy
	0.18 TO 2.18	2.00		105.60		Dwy TO Dwy
	2.20 TO 2.24	0.04		2.11		Dwy TO Dwy
	2.26 TO 2.94	0.68		35.90		Dwy TO JACKSON CREEK OVERFLOW BRIDGE
	2.98 TO 3.10	0.12		6.34		BRIDGE TO Beg BRIDGE
	0.00 TO 0.16	0.16			8.45	Beg PROJECT LIMIT AT COUNTY LINE TO Dwy
	0.18 TO 1.51	1.33			70.22	Dwy TO Dwy
	1.53 TO 2.18	0.65			34.32	Dwy TO Dwy
	2.20 TO 2.84	0.64			33.79	Dwy TO Dwy
	2.86 TO 2.94	0.08			4.22	Dwy TO JACKSON CREEK OVERFLOW BRIDGE
2.94 TO 3.10	0.16			8.45	JACKSON CREEK OVERFLOW BRIDGE TO Beg JACKSON CREEK BRIDGE	
LOCATION 3	7.90 TO 8.13	0.23	12.14			Beg PROJECT LIMIT TO LA GRANGE Rd
	8.14 TO 11.35	3.21	169.49			LA GRANGE Rd TO O'BYRNES FERRY Rd
	11.37 TO 12.04	0.67	35.38			O'BYRNES FERRY Rd TO EAST JUNCTION ROUTE 108
	12.05 TO 12.33	0.28	14.78			EAST JUNCTION ROUTE 108 TO MOUNTAIN BLUFF Rd
	12.40 TO 13.20	0.80	42.24			MOUNTAIN BLUFF Rd TO End PROJECT LIMIT
	7.90 TO 9.62	1.72		90.82		Beg PROJECT LIMIT TO Dwy
	9.64 TO 10.05	0.41		21.65		Dwy TO Dwy
	10.07 TO 10.53	0.46		24.29		Dwy TO Dwy
	10.55 TO 11.35	0.80		42.24		Dwy TO O'BYRNES FERRY Rd
	11.37 TO 11.73	0.36		19.01		O'BYRNES FERRY Rd TO Dwy
	11.75 TO 12.08	0.33		17.42		Dwy TO EAST JUNCTION ROUTE 108
	12.17 TO 12.35	0.18		9.50		Dwy TO Dwy
	12.36 TO 13.20	0.84		44.35		Dwy TO End PROJECT LIMIT
	7.90 TO 8.13	0.23			12.14	Beg PROJECT LIMIT TO LA GRANGE Rd
	8.15 TO 9.63	1.48			78.14	LA GRANGE Rd TO Dwy
	9.65 TO 10.07	0.42			22.18	Dwy TO Dwy
	10.09 TO 10.55	0.46			24.29	Dwy TO Dwy
	10.57 TO 12.08	1.51			79.73	Dwy TO EAST JUNCTION ROUTE 108
12.14 TO 12.33	0.19			10.03	Dwy TO Dwy	
12.35 TO 13.20	0.85			44.88	Dwy TO END PROJECT LIMIT	
SUBTOTAL			569.18	555.46	559.67	
TOTAL			569.18	1115.13		

TRAFFIC MANAGEMENT SYSTEM ELEMENTS (EXISTING)

COUNTY	ROUTE	PM	Dir	LOCATION	TYPE
Ama	88	3.36	E	WEST OF JACKSON VALLEY	FB
Tuo	120	11.20	E	WEST OF O'BYRNES FERRY Rd	EMS
Tuo	120	11.30		O'BYRNES FERRY Rd	SIGNAL
Tuo	120	11.70	E	O'BYRNES FERRY Rd	TMS
Tuo	120	11.70	W	O'BYRNES FERRY Rd	HAR
Tuo	120	11.75	E	WEST OF YOSEMITE JUNCTION	CMS

ASPHALTIC EMULSION (FOG SEAL COAT)

LOCATION	PM - PM	TONS
1	0.0 TO 2.5	6.1
2	0.0 TO 3.1	3.8
3	7.9 TO 13.2	4.1
TOTAL		14.0

SUMMARY OF QUANTITIES Q-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Ama, Tuo	16,88, 120	Var	10	14

6/25/14
DATE

7-14-14
PLANS APPROVAL DATE

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.

	M	
Maint	MAINTENANCE	
Max	MAXIMUM	
MB	METAL BEAM	
MBB	METAL BEAM BARRIER	
MBGR	METAL BEAM GUARD RAILING	
Med	MEDIAN	
MGS	MIDWEST GUARDRAIL SYSTEM	
MH	MANHOLE	
Min	MINIMUM	
Misc	MISCELLANEOUS	
Misc I & S	MISCELLANEOUS IRON AND STEEL	
Mkr	MARKER	
Mod	MODIFIED, MODIFY	
Mon	MONUMENT	
MP	METAL PLATE	
MPGR	METAL PLATE GUARD RAILING	
MR	MOVEMENT RATING	
MSE	MECHANICALLY STABILIZED EMBANKMENT	
Mt	MOUNTAIN, MOUNT	
MtI	MATERIAL	
MVP	MAINTENANCE VEHICLE PULLOUT	
	N	
N	NORTH	
NB	NORTHBOUND	
No.	NUMBER (MUST HAVE PERIOD)	
Nos.	NUMBERS (MUST HAVE PERIOD)	
NPS	NOMINAL PIPE SIZE	
NS	NEAR SIDE	
NSP	NEW STANDARD PLAN	
NTS	NOT TO SCALE	
	O	
Obir	OBLITERATE	
OC	OVERCROSSING	
OD	OUTSIDE DIAMETER	
OF	OUTSIDE FACE	
OG	ORIGINAL GROUND	
OGAC	OPEN GRADED ASPHALT CONCRETE	
OGFC	OPEN GRADED FRICTION COURSE	
OH	OVERHEAD	
OHWM	ORDINARY HIGH WATER MARK	
O-O	OUT TO OUT	
Opp	OPPOSITE	
OSD	OVERSIDE DRAIN	
	P	
p	PAGE	
PAP	PERFORATED ALUMINUM PIPE	
PB	PULL BOX	
PC	POINT OF CURVATURE, PRECAST	
PCC	POINT OF COMPOUND CURVE, PORTLAND CEMENT CONCRETE	
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN	
PCP	PERFORATED CONCRETE PIPE, PRESTRESSED CONCRETE PIPE	
PCVC	POINT OF COMPOUND VERTICAL CURVE	
PEC	PERMIT TO ENTER AND CONSTRUCT	
Ped	PEDESTRIAN	
Ped OC	PEDESTRIAN OVERCROSSING	
Ped UC	PEDESTRIAN UNDERCROSSING	
Perm MtI	PERMEABLE MATERIAL	

	P continued	
PG	PROFILE GRADE	
PI	POINT OF INTERSECTION	
PJP	PARTIAL JOINT PENETRATION	
Pkwy	PARKWAY	
PL, PL	PLATE	
P/L	PROPERTY LINE	
PM	POST MILE, TIME FROM NOON TO MIDNIGHT	
PN	PAVING NOTCH	
POC	POINT OF HORIZONTAL CURVE	
POT	POINT OF TANGENT	
POVC	POINT OF VERTICAL CURVE	
PP	PIPE PILE, PLASTIC PIPE, POWER POLE	
PPL	PREFORMED PERMEABLE LINER	
PPP	PERFORATED PLASTIC PIPE	
PRC	POINT OF REVERSE CURVE	
PRF	PAVEMENT REINFORCING FABRIC	
PRVC	POINT OF REVERSE VERTICAL CURVE	
PS&E	PLANS, SPECIFICATIONS AND ESTIMATES	
PS, P/S	PRESTRESSED	
PSP	PERFORATED STEEL PIPE	
PT	POINT OF TANGENCY	
PVC	POLYVINYL CHLORIDE	
Pvmt	PAVEMENT	
	Q	
Qty	QUANTITY	
	R	
R	RADIUS	
R & D	REMOVE AND DISPOSE	
R & S	REMOVE AND SALVAGE	
R/C	RATE OF CHANGE	
RCA	REINFORCED CONCRETE ARCH	
RCB	REINFORCED CONCRETE BOX	
RCP	REINFORCED CONCRETE PIPE	
RCPA	REINFORCED CONCRETE PIPE ARCH	
Rd	ROAD	
Reinf	REINFORCED, REINFORCEMENT, REINFORCING	
Rel	RELOCATE	
Repl	REPLACEMENT	
Ret	RETAINING	
Rev	REVISED, REVISION	
Rdwy	ROADWAY	
RHMA	RUBBERIZED HOT MIX ASPHALT	
Riv	RIVER	
RM	ROAD-MIXED	
RP	RADIUS POINT, REFERENCE POINT	
RR	RAILROAD	
RSP	ROCK SLOPE PROTECTION, REVISED STANDARD PLAN	
Rt	RIGHT	
Rte	ROUTE	
RW	REDWOOD, RETAINING WALL	
R/W	RIGHT OF WAY	
Rwy	RAILWAY	

	S	
S	SOUTH, SUPPLEMENT	
SAE	STRUCTURE APPROACH EMBANKMENT	
Salv	SALVAGE	
SAPP	STRUCTURAL ALUMINUM PLATE PIPE	
SB	SOUTHBOUND	
SC	SAND CUSHION	
SCSP	SLOTTED CORRUGATED STEEL PIPE	
SD	STORM DRAIN	
Sec	SECOND, SECTION	
Sep	SEPARATION	
SG	SUBGRADE	
Shld	SHOULDER	
Sht	SHEET	
Sim	SIMILAR	
±	STATION LINE	
SM	SELECTED MATERIAL	
Spec	SPECIAL, SPECIFICATIONS	
SPP	SLOTTED PLASTIC PIPE	
SS	SLOPE STAKE	
SSBM	STRAP AND SADDLE BRACKET METHOD	
SSD	STRUCTURAL SECTION DRAIN	
SSPA	STRUCTURAL STEEL PLATE ARCH	
SSPP	STRUCTURAL STEEL PLATE PIPE	
SSPPA	STRUCTURAL STEEL PLATE PIPE ARCH	
SSRP	STEEL SPIRAL RIB PIPE	
St	STREET	
Sta	STATION	
STBB	SINGLE THRIE BEAM BARRIER	
Std	STANDARD	
Str	STRUCTURE	
Surf	SURFACING	
SW	SIDEWALK, SOUND WALL	
Swr	SEWER	
Sym	SYMMETRICAL	
S4S	SURFACE 4 SIDES	
	T	
T	SEMI-TANGENT	
Tan	TANGENT	
TBB	THRIE BEAM BARRIER	
Tbr	TIMBER	
TC	TOP OF CURB	
TCB	TRAFFIC CONTROL BOX	
TCE	TEMPORARY CONSTRUCTION EASEMENT	
TeI	TELEPHONE	
Temp	TEMPORARY	
TG	TOP OF GRADE	
Tot	TOTAL	
TP	TELEPHONE POLE	
TPB	TREATED PERMEABLE BASE	
TPM	TREATED PERMEABLE MATERIAL	
Trans	TRANSITION	

	T continued	
TS	TRANSVERSE, TRAFFIC SIGNAL, TUBULAR STEEL	
Typ	TYPICAL	
	U	
UC	UNDERCROSSING	
UD	UNDERDRAIN	
UG	UNDERGROUND	
UON	UNLESS OTHERWISE NOTED	
UP	UNDERPASS	
	V	
V	VALVE, DESIGN SPEED	
Var	VARIABLE, VARIES	
VC	VERTICAL CURVE	
VCP	VITRIFIED CLAY PIPE	
Vert	VERTICAL	
Via	VIADUCT	
Vol	VOLUME	
	W	
W	WEST, WIDTH	
WB	WESTBOUND	
WH	WEEP HOLE	
WM	WIRE MESH	
WS	WATER SURFACE	
WSP	WELDED STEEL PIPE	
Wt	WEIGHT	
WV	WATER VALVE	
WW	WINGWALL	
WWLOL	WINGWALL LAYOUT LINE	
	X	
X Sec	CROSS SECTION	
Xing	CROSSING	
	Y	
Yr	YEAR	
Yrs	YEARS	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Ama, Tuo	16,88, 120	Var	11	14

Grace M. Tsushima
REGISTERED CIVIL ENGINEER

July 19, 2013
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 Grace M. Tsushima
 No. C49814
 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 7-14-14

UNIT OF MEASUREMENT SYMBOLS:

Some of the symbols used in the project plan quantity tables and in the Bid Item List are:

TABLE A

SYMBOL USED	DEFINITIONS
ACRE	ACRE
CF	CUBIC FOOT
CY	CUBIC YARD
EA	EACH
GAL	GALLON
LB	POUND
LF	LINEAR FOOT
SQFT	SQUARE FOOT
SQYD	SQUARE YARD
STA	100 FEET
TAB	TABLET
TON	2,000 POUNDS

Some of the symbols used in the plans other than in the project plan quantity tables are:

TABLE B

SYMBOL USED	DEFINITIONS
ksi	KIPS PER SQUARE INCH
ksf	KIPS PER SQUARE FOOT
psi	POUNDS PER SQUARE INCH
psf	POUNDS PER SQUARE FOOT
lb/ft ³ , pcf	POUNDS PER CUBIC FOOT
tsf	TONS PER SQUARE FOOT
mph, MPH *	MILES PER HOUR
∅	NOMINAL DIAMETER
oz	OUNCE
lb	POUND
kíp	1,000 POUNDS
cal	CALORIE
ft	FOOT OR FEET
gal	GALLON

* For use on a sign panel only

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

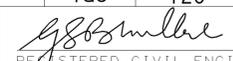
**ABBREVIATIONS
(SHEET 2 OF 2)**

NO SCALE

RSP A10B DATED JULY 19, 2013 SUPERSEDES STANDARD PLAN A10B
DATED MAY 20, 2011 - PAGE 2 OF THE STANDARD PLANS BOOK DATED 2010.

2010 REVISED STANDARD PLAN RSP A10B

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Ama, Tuo	16,88, 120	Var	12	14


 REGISTERED CIVIL ENGINEER
 July 19, 2013
 PLANS APPROVAL DATE



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TO ACCOMPANY PLANS DATED 7-14-14

TABLE 1

TAPER LENGTH CRITERIA AND CHANNELIZING DEVICE SPACING							
SPEED (S)	MINIMUM TAPER LENGTH * FOR WIDTH OF OFFSET 12 FEET (W)				MAXIMUM CHANNELIZING DEVICE SPACING		
	TANGENT 2L	MERGING L	SHIFTING L/2	SHOULDER L/3	X	Y	Z **
					TAPER	TANGENT	CONFLICT
mph	ft	ft	ft	ft	ft	ft	ft
20	160	80	40	27	20	40	10
25	250	125	63	42	25	50	12
30	360	180	90	60	30	60	15
35	490	245	123	82	35	70	17
40	640	320	160	107	40	80	20
45	1080	540	270	180	45	90	22
50	1200	600	300	200	50	100	25
55	1320	660	330	220	55	110	27
60	1440	720	360	240	60	120	30
65	1560	780	390	260	65	130	32
70	1680	840	420	280	70	140	35

* - For other offsets, use the following merging taper length formula for L:
 For speed of 40 mph or less, $L = WS^2/60$
 For speed of 45 mph or more, $L = WS$

Where: L = Taper length in feet
 W = Width of offset in feet
 S = Posted speed limit, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

** - Use for taper and tangent sections where there are no pavement markings or where there is a conflict between existing pavement markings and channelizers (CA).

TABLE 2

LONGITUDINAL BUFFER SPACE AND FLAGGER STATION SPACING				
SPEED *	Min D **	DOWNGRADE Min D ***		
		-3%	-6%	-9%
		ft	ft	ft
20	115	116	120	126
25	155	158	165	173
30	200	205	215	227
35	250	257	271	287
40	305	315	333	354
45	360	378	400	427
50	425	446	474	507
55	495	520	553	593
60	570	598	638	686
65	645	682	728	785
70	730	771	825	891

* - Speed is posted speed limit, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph
 ** - Longitudinal buffer space or flagger station spacing
 *** - Use on sustained downgrade steeper than -3 percent and longer than 1 mile.

TABLE 3

ADVANCE WARNING SIGN SPACING			
ROAD TYPE	DISTANCE BETWEEN SIGNS *		
	A	B	C
	ft	ft	ft
URBAN - 25 mph OR LESS	100	100	100
URBAN - MORE THAN 25 mph TO 40 mph	250	250	250
URBAN - MORE THAN 40 mph	350	350	350
RURAL	500	500	500
EXPRESSWAY / FREEWAY	1000	1500	2640

* - The distances are approximate, are intended for guidance purposes only, and should be applied with engineering judgment. These distances should be adjusted by the Engineer for field conditions, if necessary, by increasing or decreasing the recommended distances.

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL SYSTEM TABLES
 FOR LANE AND RAMP CLOSURES**

NO SCALE

RSP T9 DATED JULY 19, 2013 SUPERSEDES RSP T9 DATED APRIL 19, 2013 THAT SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP T9

2010 REVISED STANDARD PLAN RSP T9

NOTES:

See Revised Standard Plan RSP T9 for tables.

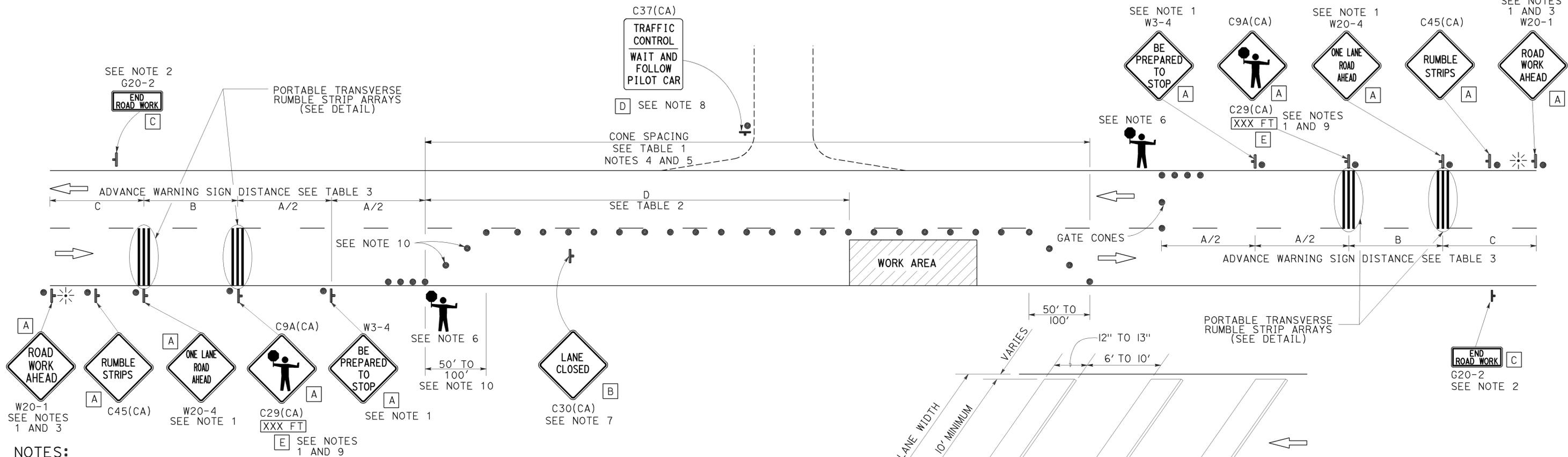
Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1, unless X, Y, or Z cone spacing is shown on this sheet.

Unless otherwise specified in the special provisions, all temporary warning signs shall have black legend on fluorescent orange background.

California codes are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.

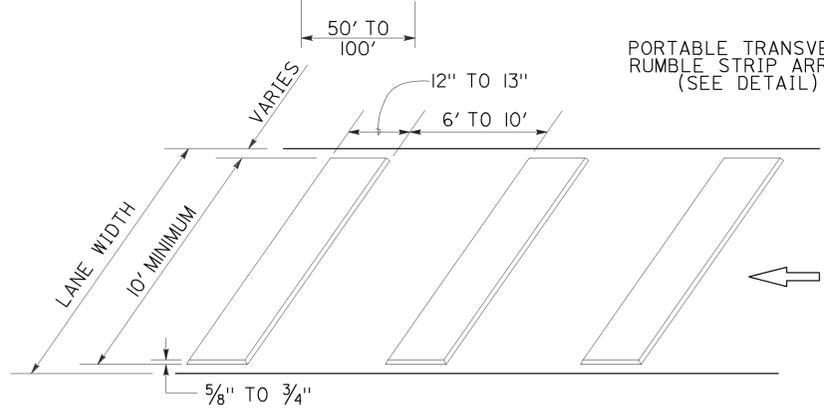
TYPICAL LANE CLOSURE WITH REVERSIBLE CONTROL

TO ACCOMPANY PLANS DATED 7-14-14



NOTES:

- Each advance warning sign in each direction of travel shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. Flashing beacons shall be placed at the locations indicated for lane closure during hours of darkness.
- A G20-2 "END ROAD WORK" sign, as appropriate, shall be placed at the end of the lane control unless the end of work area is obvious, or ends within a larger project's limits.
- If the W20-1 sign would follow within 2000' of a stationary W20-1 or G20-1 "ROAD WORK NEXT _____ MILES", use a W20-4 sign for the first advance warning sign.
- All cones used for lane closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves) as specified in the specifications.
- Portable delineators, placed at one-half the spacing indicated for traffic cones, may be used instead of cones for daytime closures only.
- Additional advance flaggers may be required. Flagger should stand in a conspicuous place, be visible to approaching traffic as well as approaching vehicles after the first vehicle has stopped. During the hours of darkness, the flagging-station and flagger shall be illuminated and clearly visible to approaching traffic. The illumination footprint of the lighting on the ground shall be at least 20' in diameter. Place a minimum of four cones at 50' intervals in advance of flagger station as shown.
- Place C30(CA) "LANE CLOSED" sign at 500' to 1000' intervals throughout extended work areas. They are optional if the work area is visible from the flagger station.
- When a pilot car is used, place a C37(CA) "TRAFFIC CONTROL-WAIT AND FOLLOW PILOT CAR" sign with black legend on white background at all intersections, driveways and alleys without a flagger within traffic control area. Signs shall be clean and visible at all times. Where traffic can not be effectively self-regulated, at least one flagger shall be used at each intersection within traffic control area.
- An optional C29(CA) sign may be placed below the C9A(CA) sign.
- Either traffic cones or barricades shall be placed on the taper. Barricades shall be Type I, II, or III.
- The color of the portable transverse rumble strips shall be black or orange. Use 2 arrays, each array shall consist of 3 rumble strips.
- Portable transverse rumble strips shall not be placed on sharp horizontal or vertical curves nor shall they be placed through pedestrian crossings.
- If the portable transverse rumble strips become out of alignment (skewed) by more than 6 inches, measured from one end to the other, they shall be readjusted to bring the placement back to the original location.



PORTABLE TRANSVERSE RUMBLE STRIP ARRAY DETAIL

SIGN PANEL SIZE (Min)

- A 48" x 48"
- B 30" x 30"
- C 36" x 18"
- D 36" x 42"
- E 20" x 7"

LEGEND

- TRAFFIC CONE
- ⊥ TEMPORARY TRAFFIC CONTROL SIGN
- ⚡ PORTABLE FLASHING BEACON
- 🚧 FLAGGER

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

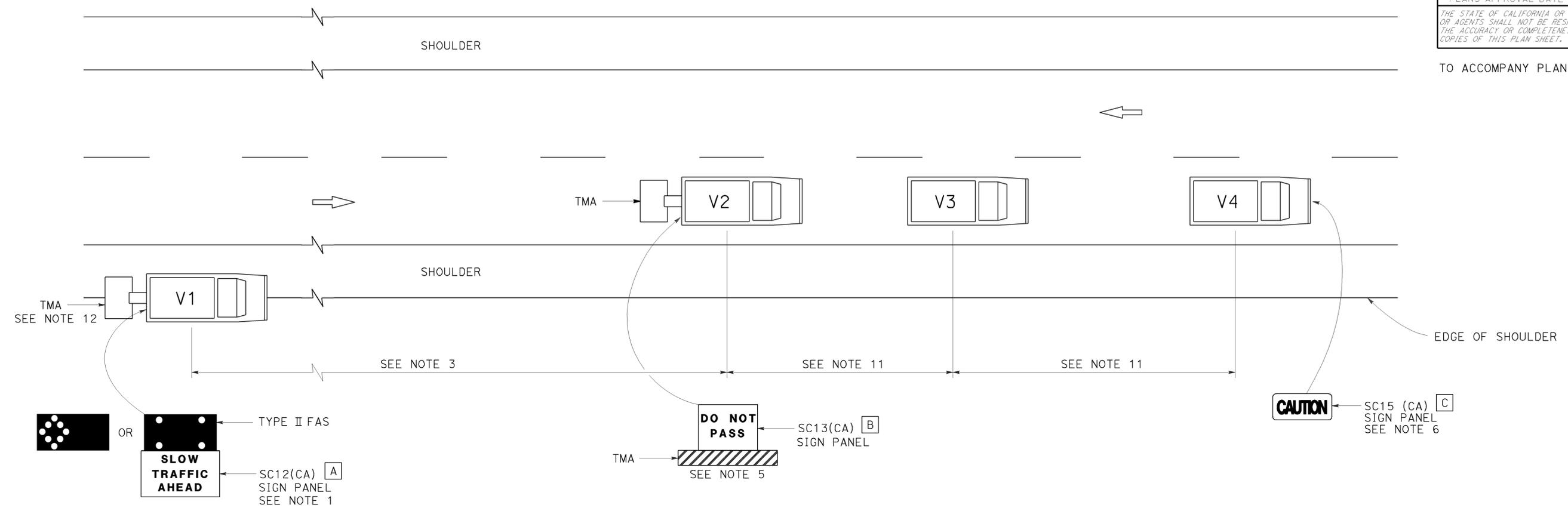
TRAFFIC CONTROL SYSTEM FOR LANE CLOSURE ON TWO LANE CONVENTIONAL HIGHWAYS

NO SCALE

RSP T13 DATED JULY 18, 2014 SUPERSEDES RSP T13 DATED APRIL 19, 2013 AND STANDARD PLAN T13 DATED MAY 20, 2011 - PAGE 241 OF THE STANDARD PLANS BOOK DATED 2010.

2010 REVISED STANDARD PLAN RSP T13

TO ACCOMPANY PLANS DATED 7-14-14



NOTES:

1. Either a changeable message sign or a SC12(CA) "SLOW TRAFFIC AHEAD" sign shall be mounted on the rear of sign vehicle V1. The changeable message sign shall be sequenced to show the "CAUTION" message first, follow by the "SLOW TRAFFIC AHEAD" message. A Type II flashing arrow sign may be used with the SC12(CA) sign panel.
2. Sign vehicle V1 should be positioned where highly visible when shoulders are not available.
3. If traffic queues develop, sign vehicle V1 should be positioned upstream from the end of queue.
4. Vehicle-mounted sign panels shall have Type III or above retroreflective sheeting, black on white, or black on fluorescent orange, with 6" minimum series D letters per Caltrans sign specifications.
5. Shadow vehicle shall be equipped with a truck-mounted attenuator. The sign panel shown shall be mounted on the rear of shadow vehicle V2. The message "LANE CLOSED" may be used in place of the "DO NOT PASS" message.
6. The sign panel shown shall be mounted on the front of sign vehicle V4, facing opposing traffic.

7. All vehicles shall be equipped with flashing or rotating amber lights.
8. Sign vehicle V4 will not be required when the work and vehicles V2 and V3 are 2' or more from the centerline of the highway during the work or application operations.
9. All vehicles used for lane closures shall be equipped with two-way radios and the vehicle operators shall maintain communication during the work or application operation.
10. This plan shall not be used where workers would be on foot in the work area. Use a stationary type lane closure (Revised Standard Plan T13) for this condition.
11. Minimize spacing between vehicles V2 and V3 and vehicles V3 and V4 to deter road users from driving in between them.
12. If sign vehicle V1 encroaches into the traffic lane due to insufficient shoulder width, sign vehicle V1 shall be equipped with a truck-mounted attenuator. Sign vehicle V1 shall stay as close to the edge of shoulder as practicable.

LEGEND

- V1 SIGN VEHICLE
- V2 SHADOW VEHICLE
- V3 WORK/APPLICATION VEHICLE
- V4 SIGN VEHICLE
- TMA TRUCK-MOUNTED ATTENUATOR
- FLASHING ARROW SIGN (FAS) IN FLASHING CAUTION MODE
- FLASHING ARROW SIGN (FAS) IN ALTERNATING DIAMOND CAUTION

SIGN PANEL SIZE (Min)

- A 72" x 42"
- B 54" x 42"
- C 54" x 24"

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL SYSTEM
 FOR MOVING LANE CLOSURE
 ON TWO LANE HIGHWAYS**
 NO SCALE

RSP T17 DATED APRIL 19, 2013 SUPERSEDES STANDARD PLAN T17
 DATED MAY 20, 2011 - PAGE 245 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP T17

2010 REVISED STANDARD PLAN RSP T17