

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	330	30.7/39.3	13	20

3-3-16
 REGISTERED CIVIL ENGINEER DATE
 3-4-16
 PLANS APPROVAL DATE

MICHAEL P. RISTIC
 No. 69429
 Exp. 06/30/16
 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.

DRAINAGE QUANTITIES

LOCATION No. ⊗	POST MILE	DIAMETER	PIPE LINER TYPE	ALTERNATIVE PIPELINER					CLEANING, INSPECTING AND PREPARING CULVERT	24" CORRUGATED STEEL PIPE (.064" THICK)	STRUCTURAL BACKFILL	ROCK SLOPE PROTECTION (1/4TON METHOD B)	REMOVE INLET	REMOVE CONCRETE MISCELLANEOUS	REMOVE HEADWALL	CORRUGATED STEEL PIPE INLET	MISCELLANEOUS IRON AND STEEL
				18"	24"	30"	36"	42"									
				LF	LF	LF	LF	LF									
1	30.77	36"	SPIRAL, CIPP, CEMENT				40								4	90	
2	30.79	24"	SPIRAL, CIPP, CEMENT		60												
3	31.83	18"	SPIRAL, CEMENT	40								1				90	
3	31.83	24"	SPIRAL, CEMENT		15							1				90	
4	32.04	24"	SPIRAL, CEMENT		195						10	1				90	
5	33.75	24"	SPIRAL, CEMENT		60								0.5			50	
6	35.20	30"	SPIRAL, CEMENT			180						1				90	
7	35.25	42"	SPIRAL, CEMENT					160					1.0			70	
8	35.71	24"	SPIRAL, CEMENT		125								0.5			50	
9	36.67	24"	SPIRAL, CIPP, CEMENT		65					10		1		1		90	
10	37.30	24"	SPIRAL, CIPP, CEMENT		155							1					
11	37.84	24"	SPIRAL, CIPP, CEMENT		65							1				90	
TOTAL				40	740	180	40	160	1160	30	10	10	8	2	1	4	800

SPIRAL = MACHINE SPIRAL WOUND POLYVINYL CHLORIDE (PVC) PIPELINER
 CIPP = CURED IN PLACE PIPELINER
 CEMENT = CEMENTITIOUS PIPELINER

MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)

LOCATION No. ⊗	POST MILE	DIAMETER	DEBRIS CRIB	DRAINAGE INLET	HEADWALL	DRAINAGE APRON
			CY	CY	CY	CY
1	30.77	36"		2.7		
2	30.79	24"				
3	31.83	18"		2.7		
3	31.83	24"		2.7		1.4
4	32.04	24"		2.7		1.4
5	33.75	24"	0.5			
6	35.20	30"		2.7		
7	35.25	42"	1.0			
8	35.71	24"	0.5			
9	36.67	24"		2.7	1.1	1.4
10	37.30	24"				1.4
11	37.84	24"		2.7		1.4
SUBTOTAL			2.0	18.9	1.1	7.0
TOTAL			29.0			



TEMPORARY WATER POLLUTION CONTROL

ITEM	UNIT	QUANTITY
TEMPORARY CONCRETE WASHOUT (PORTABLE)	LS	1
TEMPORARY GRAVEL BAG BERM	LF	270

1 REPLACED PER ADDENDUM No. 1 DATED APRIL 14, 2016

DRAINAGE QUANTITIES DQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Caltrans MAINTENANCE DESIGN
 FUNCTIONAL SUPERVISOR MICHAEL P. RISTIC
 CALCULATED/DESIGNED BY CHECKED BY
 CHRIS NATOR MICHAEL P. RISTIC
 REVISED BY DATE REVISED
 x x x x x

LAST REVISION DATE PLOTTED => 14-APR-2016 03-03-16 TIME PLOTTED => 08:12

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	330	30.7/39.3	15	20

REGISTERED CIVIL ENGINEER DATE 3-3-16
 PLANS APPROVAL DATE 3-4-16
 No. 69429
 Exp. 06/30/16
 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.

MILE POST MARKERS 1
~~CULVERT MARKERS (HIGHWAY POST MARKERS)~~

LOCATION	MARKER (CULVERT)	NOTE
30.70	2	24"
30.77	2	36"
30.78	2	48"
30.79	2	24"
	2	60"
30.85	2	24"
30.92	2	24"
32.04	3	24"
32.14	2	Var
32.20	2	24"
32.29	2	54"
32.84	2	24"
32.91	2	24"
33.00	2	24"
33.07	2	24"
33.12	2	24"
32.19	2	24"
33.27	2	24"
33.34	2	24"
33.75	2	24"
33.76	2	24"
33.80	2	24"
33.88	2	24"
33.98	2	54"
34.05	2	36"
34.16	2	42"
34.43	2	24"
34.55	2	24"
SUBTOTAL 1	57	

LOCATION	MARKER (CULVERT)	NOTE
34.63	2	24"
34.91	2	60"
35.08	2	24"
35.13	2	30"
35.20	2	30"
35.25	2	42"
35.30	2	30"
35.50	2	30"
35.55	2	36"
35.63	2	24"
35.67	2	24"
35.71	2	24"
35.75	2	24"
35.67	2	24"
35.99	2	48"
36.08	2	24"
36.15	2	54"
36.20	2	24"
36.25	2	132"
36.35	2	30"
36.53	2	36"
36.57	2	24"
36.67	2	24"
36.70	2	24"
36.77	2	24"
36.82	2	36"
37.00	2	Arch
SUBTOTAL 2	54	

LOCATION	MARKER (CULVERT)	NOTE
37.02	2	42"
37.30	2	24"
37.36	2	36"
37.48	2	24"
37.62	2	24"
37.75	2	24"
37.80	2	30"
37.84	2	24"
38.00	2	24"
38.10	2	Arch
38.23	2	30"
38.26	2	48"
38.32	2	24"
38.36	2	24"
38.43	2	24"
38.50	2	24"
38.54	2	30"
38.58	2	24"
38.66	2	24"
38.74	2	24"
38.77	2	24"
38.81	2	24"
38.88	2	24"
38.93	2	24"
39.00	2	18"
39.19	2	30"
39.25	2	24"
SUBTOTAL 3	54	
SUBTOTAL 1	57	
SUBTOTAL 2	54	
TOTAL	165	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN
 FUNCTIONAL SUPERVISOR MICHAEL P. RISTIC
 CALCULATED/DESIGNED BY CHECKED BY
 CHRIS NATOR MICHAEL P. RISTIC
 REVISED BY DATE REVISION
 x
x
x
x
x
x

1 REPLACED PER ADDENDUM No. 1 DATED APRIL 14, 2016

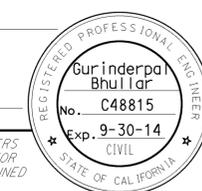
SUMMARY OF QUANTITIES
Q-1

LAST REVISION DATE PLOTTED => 14-APR-2016 08:12
 03-03-16 TIME PLOTTED => 08:12

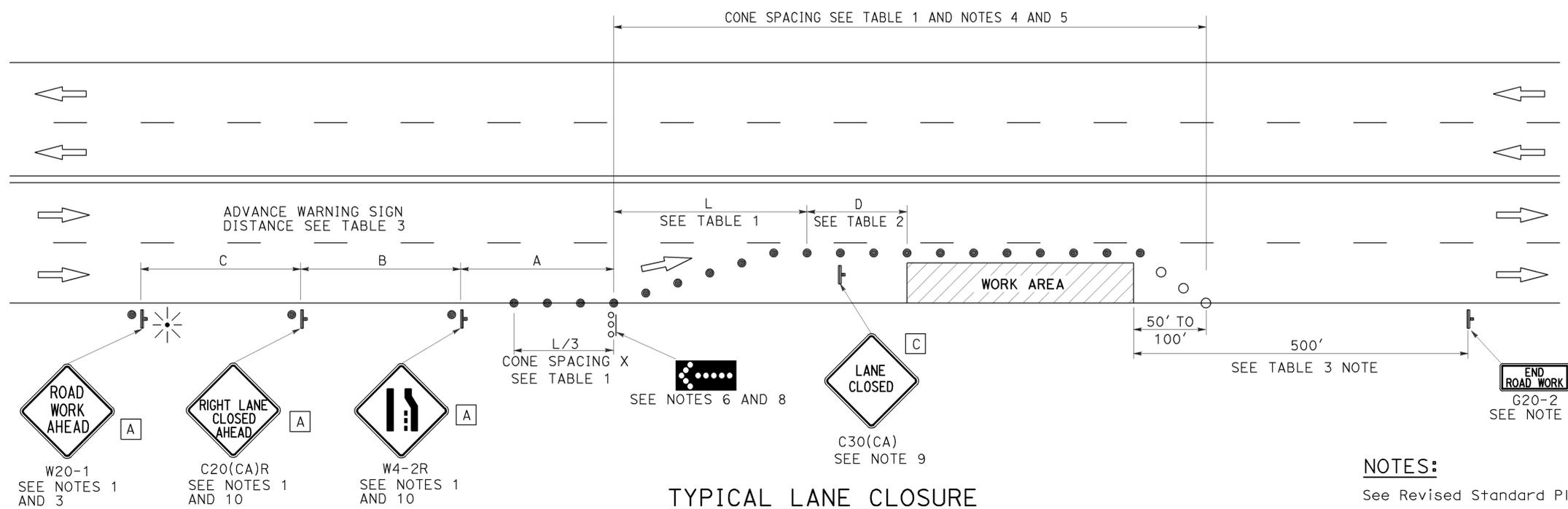


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	SBd	330	30.7/39.3	18A	20

REGISTERED CIVIL ENGINEER
 April 19, 2013
 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.



TO ACCOMPANY PLANS DATED 3-4-16



TYPICAL LANE CLOSURE

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.

NOTES:

- Each advance warning sign 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 closure 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 C20(CA) 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.
- Flashing arrow sign shall be either Type I or Type II.
- For approach speeds over 50 mph, use the "Traffic Control System for Lane Closure On Freeways And Expressways" plan for lane closure details and requirements.
- A minimum 1500' of sight distance shall be provided where possible for vehicles approaching the first flashing arrow sign. Lane closures shall not begin at the top of crest vertical curve or on a horizontal curve.
- Place a C30(CA) sign every 2000' throughout length of lane closure.
- Median lane closures shall conform to the details as shown except that C20(CA)L and W4-2L signs shall be used.
- At least one person shall be assigned to provide full time maintenance of traffic control devices for lane closure unless, otherwise directed by the Engineer.

LEGEND

- TRAFFIC CONE
- TRAFFIC CONE (OPTIONAL TAPER)
- ⌋ TEMPORARY TRAFFIC CONTROL SIGN
- ⬢ FLASHING ARROW SIGN (FAS)
- σσσ FAS SUPPORT OR TRAILER
- ⊛ PORTABLE FLASHING BEACON

SIGN PANEL SIZE (Min)

- A 48" x 48"
- B 36" x 18"
- C 30" x 30"

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL SYSTEM
FOR LANE CLOSURE ON
MULTILANE CONVENTIONAL
HIGHWAYS**

NO SCALE

RSP T11 DATED APRIL 19, 2013 SUPERSEDES STANDARD PLAN T11
DATED MAY 20, 2011 - PAGE 239 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP T11

1 ADDED PER ADDENDUM No. 1 DATED APRIL 14, 2016

2010 REVISED STANDARD PLAN RSP T11