Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Var	Var	Var	1	6

INDEX OF PLANS

SHEET No	DESCRIPTION
1	TITLE AND LOCATION MAP
2-3	SUMMARY OF QUANTITIES
4-6	NEW OR 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

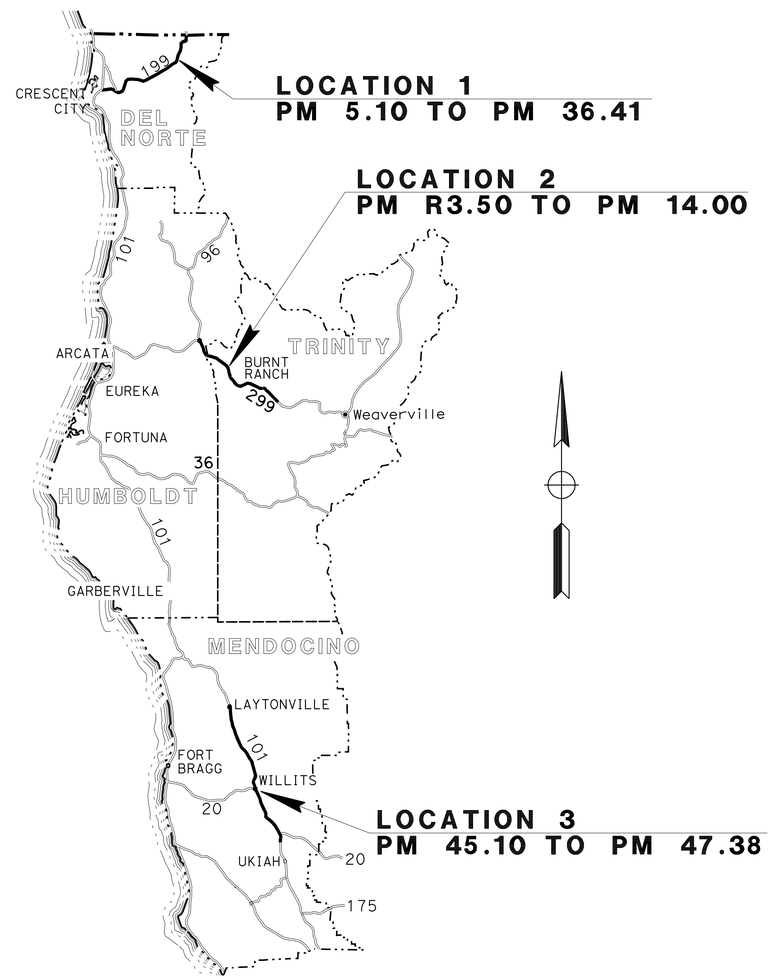
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON

STATE HIGHWAY

IN DEL NORTE, MENDOCINO AND TRINITY COUNTIES AT VARIOUS LOCATIONS

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



LOCATION MAP

Caltrans

PROJECT MANAGER	Royal B. McCarthy
DESIGN ENGINEER	Royal B. McCarthy

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

NO SCALE

Curtis D. Coburn 2/11/11
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

February 14, 2011
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CURTIS D. COBURN
No. 58431
Exp. 12-31-12
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.

CONTRACT No.	01-497804
PROJECT ID	0100000690

LAST REVISION 00-00-00 | DATE PLOTTED => 11-FEB-2011 | TIME PLOTTED => 11:28

TRAFFIC STRIPE QUANTITIES

LOCATION (PM) FROM	TO	DETAIL No.	DETAIL LENGTH	THERMOPLASTIC TRAFFIC STRIPE 8" WHITE SOLID	4" WHITE SOLID	4" YELLOW SOLID	4" WHITE BROKEN (12-3)	4" WHITE BROKEN (36-12)	4" YELLOW BROKEN (36-12)	REMARKS
			LF							
LOCATION 1										
5.10 R+	6.94 R+	27B	9716		9716					
5.10 L+	5.87 L+	27B	4066		4066					
5.10	5.23	28	687			2748				
5.23	5.39	21	845			1690				
5.39	5.54	28	792			3168				
5.54	6.16	31	3274			6548			6548	
5.88 L+	6.27 L+	27B	2060		2060					
6.16	6.22	28	317			1268				
6.22	6.28	21	317			634				
6.28 L+	7.81 L+	27B	8079		8079					
6.29	7.16	21	4594			9188				
6.95 R+	6.98 R+	38A	159	159						NB R+ TURNOUT
6.98 R+	7.17 R+	27B	1004		1004					
7.16 R+	7.19 R+	27C	159				159			
7.17	10.18	21	15893			31786				
7.18 R+	7.79 R+	27B	3221		3221					
7.80 R+	7.90 R+	38A	528	528						NB R+ TURNOUT
7.81 L+	7.98 L+	38A	898	898						SB L+ TURNOUT
7.90 R+	9.07 R+	27B	6178		6178					
7.99 L+	11.75 L+	27B	19853		19853					
9.07 R+	9.90 R+	27B	4383		4383					
9.93 R+	9.98 R+	38A	264	264						NB R+ TURNOUT
9.98 R+	10.50 R+	27B	2746		2746					
10.18	10.43	18L	1320			1320			1320	
10.43	11.76	21	7023			14046				
10.51 R+	10.58 R+	38A	370	370						NB R+ TURNOUT
10.58 R+	11.80 R+	27B	6442		6442					
11.75 L+	11.79 L+	27C	212				212			
11.77	12.90	21	5967			11934				
11.79 L+	13.04 L+	27B	6600		6600					
R11.81 R+	R11.88 R+	38A	370	370						NB R+ TURNOUT
R11.88 R+	13.04 R+	27B	6125		6125					
12.90	13.02	28	634			2536				
13.01 R+	13.04 R+	38A	159	159						NB L+ TURNLANE
13.02	13.04	21	106			212				
13.05 R+	13.16 R+	27B	581		581					
13.05 L+	13.12 L+	38A	370	370						SB R+ TURNLANE
13.05 L+	13.12 L+	38A	370	370						SB L+ TURNLANE
13.05 L+	13.15 L+	27B	528		528					
13.05	13.11	21	317			634				
13.11	13.14	21	159			318				
13.14	T14.64	31	7920			15840			15840	
13.15 L+	13.87 L+	27B	3802		3802					SB BIKE LANE INSIDE
13.15 L+	13.87 L+	27B	3802		3802					SB BIKE LANE OUTSIDE
13.16 R+	13.40 R+	27B	1268		1268					NB BIKE LANE INSIDE
13.16 R+	13.44 R+	27B	1479		1479					NB BIKE LANE OUTSIDE
13.40 R+	13.44 R+	27C	212				212			NB BIKE LANE INSIDE
13.45 R+	13.46 R+	27B	53		53					
13.46 R+	14.28 R+	27B	4330		4330					NB BIKE LANE INSIDE
13.46 R+	14.28 R+	27B	4330		4330					NB BIKE LANE OUTSIDE
13.88 L+	13.93 L+	27C	264				264			SB BIKE LANE INSIDE
13.88 L+	14.27 L+	27B	2060		2060					SB BIKE LANE OUTSIDE
13.93 L+	14.27 L+	27B	1796		1796					SB BIKE LANE INSIDE
14.27 L+	14.30 L+	27C	159				159			
14.28 R+	R16.52 R+	27B	11828		11828					
14.30 L+	R15.64 L+	27B	7076		7076					
T14.64	R15.62	28	5175			20700				
T14.66 R+	R19.64 R+	11	26295					26295		
T14.75 L+	R19.76 L+	11	26469					26469		
R15.54 R+	R15.69 R+	38A	792	792						NB L+ TURN/ACCEL LANE
R15.63	R16.52	28	4700			18800				
R15.67 L+	R16.79 L+	27B	5914		5914					
R16.53 R+	R18.88 R+	27B	12408		12408					
R16.53	R16.78	28	1320			5280				
R16.54 L+	R16.60 L+	38A	317	317						SB L+ TURNLANE
R16.73 R+	R16.84 R+	38A	581	581						NB L+ TURN/ACCEL LANE
R16.79	R17.24	28	2376			9504				
R16.82 L+	R17.25 L+	27B	2271		2271					
R17.25 L+	R17.28 L+	27C	159				159			
R17.25	R17.94	28	3644			14576				
R17.28 L+	R17.95 L+	27B	3538		3538					
R17.95 L+	R17.98 L+	27C	159				159			
R17.95	R18.89	28	4964			19856				
R17.98 L+	R19.76 L+	27B	9415		9415					
R18.90 R+	R19.30 R+	27B	2112		2112					
R18.90	R19.31	28	2165			8660				
R19.32 R+	R19.76 R+	27B	2340		2340					
R19.32	R19.76	28	2340			9360				
19.75 L+	19.87 L+	11	655					655		
19.75 L+	21.33 L+	27B	8364		8364					
19.75 R+	R21.98 R+	27B	11796		11796					
19.75	19.83	28	444			1776				
19.83	20.76	21	4911			9822				
20.76	20.97	28	1109			4436				
20.96 R+	21.20 R+	11	1268					1268		
20.97	R21.90	21	4911			9822				
21.33 L+	21.37 L+	38A	212	212						SB TURNOUT
21.38 L+	R22.01 L+	27B	3327		3327					
R21.90	R21.98	28	423			1692				
		SUBTOTAL		5390	184891	238154	1324	54687	23708	

NOTE

EXISTING PAVEMENT MARKERS SHALL NOT BE REMOVED, NEW STRIPING SHALL CONFORM TO EXISTING MARKER PLACEMENT.

EQUATIONS

COUNTY	ROUTE	EQUATION
Del Norte	199	R19.763 Bk = 19.746 Ahd
Del Norte	199	R22.130 Bk = 22.155 Ahd
Del Norte	199	R26.151 Bk = 26.170 Ahd
Del Norte	199	R30.707 Bk = 30.739 Ahd
Trinity	299	R4.848 Bk = 4.969 Ahd

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Var	Var	Var	2	6

REGISTERED CIVIL ENGINEER — DATE 2/11/11

February 14, 2011
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CURTIS D. COBURN No. 58431 Exp. 12-31-12 CIVIL — STATE OF CALIFORNIA

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TRAFFIC STRIPE QUANTITIES

LOCATION (PM) FROM	TO	DETAIL No.	DETAIL LENGTH	THERMOPLASTIC TRAFFIC STRIPE 8" WHITE SOLID	4" WHITE SOLID	4" YELLOW SOLID	4" WHITE BROKEN (12-3)	4" WHITE BROKEN (36-12)	4" YELLOW BROKEN (36-12)	REMARKS
			LF							
R21.97 R+	R21.99 R+	38A	106	106						NB L+ TURNLANE
R21.98 R+	R22.02 R+	27C	212				212			
R21.98	R21.99	21	53			106				
R22.00	R22.01	21	53			106				
R22.01 L+	R22.03 L+	27C	106				106			
R22.01	R22.06	28	265			1060				
R22.02 R+	R22.13 R+	27B	581		581					
R22.02 L+	R22.03 L+	38A	53	53						SB L+ TURNLANE
R22.03 L+	R22.12 L+	27B	476		476					
R22.06	R22.10	21	212			424				
R22.11	R22.13	21	106			212				
R22.12 L+	R22.13 L+	27C	53				53			
22.16 R+	24.11 R+	27B	10323		10323					
22.16	24.81	21	14019			28038				
22.16 L+	22.18 L+	27C	132				132			
22.14 L+	23.63 L+	27B	7868		7868					
23.63 L+	23.67 L+	38A	212	212						SB TURNOUT
23.68 L+	24.93 L+	27B	6600		6600					
24.12 R+	24.20 R+	38A	423	423						NB TURNOUT
24.20 R+	R24.78 R+	27B	3063		3063					
R24.78 R+	R24.82 R+	27C	212				212			
R24.81 R+	R26.15 R+	27B	7081		7081					
R24.82	R24.89	21	370			740				
R24.90	R26.15	21	6606			13212				
R24.93 L+	24.95 L+	27C	106				106			
24.95 L+	R25.88 L+	27B	4911		4911					
R25.76 R+	R26.02 R+	11	1373					1373		
R25.89 L+	R25.94 L+	38A	265	265						SB TURNOUT
R25.95 L+	R26.15 L+	27B	1062		1062					
26.17 R+	R30.05 R+	27B	20487		20487					
26.17	R28.63	21	12989			25978				
26.17 L+	R30.05 L+	27B	20487		20487					
R28.58 R+	R29.51 R+	11	4911					4911		
R28.63	R29.64	28	5333			21332				
R28.74 L+	R29.66 L+	11	4858					4858		
R29.64	R30.05	21	2165			4330				
R30.05 L+	R30.08 L+	38A	159	159						SB TURNOUT
R30.06 R+	R30.71 R+	27B	3417		3417					
R30.06	R30.71	21	3417			6834				
R30.09 L+	R30.71 L+	27B	3258		3258					
30.74 R+	34.89 R+	27B	21918		21918					
30.74	31.22	21	2540			5080				
30.74 L+	31.28 L+	27B	2857		2857					
31.23	33.12	21	9980			19960				
31.31 L+	31.75 L+	27B	2324		2324					
31.53 R+	33.08 R+	11	8184					8184		
31.76 L+	31.81 L+	38A	265	265						SB TURNOUT
31.82 L+	33.40 L+	27B	8343		8343					
33.12	33.24	28	634			2536				
33.24 R+	33.34 R+	38A	529	529						NB L+ TURNLANE
33.24	33.34	21	529			1058				
33.35	34.90	21	8185			16370				
33.36 L+	33.40 L+	38A	212	212						SB R+ ACCEL LANE
33.41 L+	33.44 L+	38A	159	159						SB R+ TURNLANE
33.41 L+	35.71 L+	27B	12144		12144					
33.95 L+	33.98 L+	11	169					169		
34.91 R+	34.95 R+	27B	212		212					
34.91	36.41	21	7920			15840				
34.96 R+	35.00 R+	27C	212				212			
35.00 R+	36.41 R+	27B	7445		7445					
35.71 L+	35.76 L+	27B	295		295					SB INSPECTION STATION
35.74 L+	35.83 L+	27B	570		570					SB INSPECTION STATION
35.75 L+	35.76 L+	27B	65		65					SB INSPECTION STATION
35.75 L+	35.76 L+	27B	60		60					SB INSPECTION STATION
35.75 L+	35.78 L+	27B	190		190					SB INSPECTION STATION
35.75 L+	35.78 L+	27B	170		170					SB INSPECTION STATION
35.75 L+	35.80 L+	27B	255		255					SB INSPECTION STATION
35.78 L+	35.86 L+	27B	385		385					SB INSPECTION STATION
35.86 L+	36.41 L+	27B	2904		2904					SB STATE LINE
		SUBTOTAL		5390	184891	238154	1324	54687	23708	
		LOCATION 1 SUBTOTAL		7773	334642	401370	2357	74182	23708	

SUMMARY OF QUANTITIES
Q-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE DESIGN

FUNCTIONAL SUPERVISOR: Royal B. McCarthy
CALCULATED-DESIGNED BY: Johnathon Jackson
CHECKED BY: Curtis D. Coburn
REVISED BY / DATE REVISED

LAST REVISION 00-00-00 — DATE PLOTTED => 11-FEB-2011 — TIME PLOTTED => 11:28

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Var	Var	Var	3	6

REGISTERED CIVIL ENGINEER — DATE 2/11/11

February 14, 2011
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CURTIS D. COBURN No. 58431 Exp. 12-31-12 CIVIL — STATE OF CALIFORNIA

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TRAFFIC STRIPE QUANTITIES

LOCATION (PM) FROM	LOCATION (PM) TO	DETAIL No.	DETAIL LENGTH	THERMOPLASTIC TRAFFIC STRIPE 8" WHITE SOLID	4" WHITE SOLID	4" YELLOW SOLID	4" WHITE BROKEN (12-3)	4" WHITE BROKEN (36-12)	4" YELLOW BROKEN (36-12)	REMARKS
				LF						
LOCATION 2										
R3.50 R†	R3.56 R†	27B	317		317					
R3.50 L†	R4.85 L†	27B	7118		7118					
R3.50	R3.56	21	317			634				
R3.56 R†	R4.85 R†	27B	6801		6801					
R3.57	3.63	21	317			634				
3.63	3.68	28	265			1060				
3.67 R†	4.39 R†	11	3802					3802		
3.68 L†	3.74 L†	38A	317	317						
3.68	R4.85	21	6168			12336				
4.97 L†	5.44 L†	27B	2487		2487					
4.97 R†	8.12 R†	27B	16638		16638					
4.97	5.09	21	639			1278				
5.09	5.25	18L	845			845			845	
5.25	5.44	21	1004			2008				
5.44 L†	5.48 L†	27C	212				212			
5.44	6.68	21	6548			13096				
5.50 L†	7.63 L†	27B	11247		11247					
6.68	7.38	28	3696			14784				
6.72 R†	7.22 R†	11	2640					2640		
6.80 L†	7.37 L†	11	3010					3010		
7.38	7.72	21	1796			3592				
7.63 L†	7.69 L†	27C	317				317			
7.69 L†	10.03 L†	27B	12356		12356					
7.73	10.44	21	14309			28618				
8.13 R†	8.25 R†	38A	634	634						
8.26 R†	9.73 R†	27B	7762		7762					
9.73 R†	9.75 R†	27C	106				106			
9.75 R†	10.43 R†	27B	3591		3591					
10.03 L†	10.07 L†	27C	212				212			
10.07 L†	14.00 L†	27B	20751		20751					
10.43 R†	10.47 R†	27C	212				212			
10.45	11.80	21	7129			14258				
10.47 R†	11.42 R†	27B	5016		5016					
11.42 R†	11.45 R†	27C	159				159			
11.45 R†	11.80 R†	27B	1849		1849					
11.80 R†	11.82 R†	27C	106				106			
11.81	14.00	21	11564			23128				
11.82 R†	14.00 R†	27B	11511		11511					
LOCATION 2 SUBTOTAL				951	107444	116271	1324	9452	845	
LOCATION 3										
45.10	45.12	21	106			212				
45.10 R†	45.12 R†	38A	106	106						NB L† TURNLANE
45.11 L†	45.22 L†	27B	581		581					
45.13 L†	45.15 L†	38A	106	106						SB L† TURNLANE
45.13	45.17	21	212			424				
45.14 R†	45.34 R†	27B	1057		1057					
45.17	45.25	31	423			846			846	
45.25 L†	45.26 L†	27B	53		53					
45.25 R†	45.34 R†	11	476					476		
45.26	45.28	31	106			212			212	
45.27 L†	45.30 L†	27B	159		159					
45.29	45.31	31	106			212			212	
45.31 L†	45.33 L†	38A	106	106						
45.31 L†	45.33 L†	27B	106		106					
45.31	45.33	28	106			424				
45.32 L†	45.35 L†	11	159					159		
45.33	45.35	21	106			212				
45.33 R†	45.35 R†	38A	106	106						NB L† TURNLANE
45.33 L†	45.35 L†	27B	106		106					
45.34 L†	45.35 L†	38A	85	85						
45.34 L†	45.35 L†	38A	53	53						
45.35 R†	45.63 R†	11	1479					1479		
45.36 L†	45.38 L†	27B	106		106					
45.36 L†	45.39 L†	38A	95	95						SB L† TURNLANE
45.36	45.39	21	159			318				
45.36 L†	45.64 L†	11	1479					1479		
45.39	45.40	28	53			212				
45.40	45.64	31	1268			2536			2536	
45.64 R†	45.93 R†	11	1532					1532		
45.65	45.87	31	1162			2324			2324	
45.65 L†	45.86 L†	11	1109					1109		
45.87 L†	45.88 L†	38A	53	53						SB L† TURNLANE
45.88	45.94	21	317			634				
45.88 L†	45.94 L†	11	317					317		
45.90 R†	45.93 R†	38A	159	159						NB L† TURNLANE
45.94 L†	45.96 L†	38A	106	106						SB L† TURNLANE
45.94 R†	46.03 R†	11	476					476		
45.95	45.97	21	106			212				
45.95 L†	46.09 L†	11	740					740		
45.97	46.03	31	317			634			634	
46.04	46.21	31	898			1796			1796	
46.04 R†	46.21 R†	11	898					898		
46.09 R†	46.23 R†	27B	740		740					
46.21	46.23	28	106			424				
46.22 R†	46.23 R†	11	53					53		
46.23	46.24	28	53			212				
46.23 R†	46.36 R†	11	687					687		
46.24	46.32	31	423			846			846	
46.32 R†	46.35 R†	38A	159	159						NB L† TURNLANE
SUBTOTAL				1134	2908	12690	0	9405	9406	

TRAFFIC STRIPE QUANTITIES

LOCATION (PM) FROM	LOCATION (PM) TO	DETAIL No.	DETAIL LENGTH	THERMOPLASTIC TRAFFIC STRIPE 8" WHITE SOLID	4" WHITE SOLID	4" YELLOW SOLID	4" WHITE BROKEN (12-3)	4" WHITE BROKEN (36-12)	4" YELLOW BROKEN (36-12)	REMARKS
				LF						
46.32	46.35	21	159			318				
46.37 R†	46.40 R†	38A	159	159						SB L† TURNLANE
46.37	46.41	21	212			424				
46.37 R†	46.41 R†	11	212					212		
46.41	46.44	31	159			318			318	
46.45	46.51	31	317			634			634	
46.52	46.54	31	106			212			212	
46.55	46.61	31	317			634			634	
46.62	46.70	31	423			846			846	
46.71	46.74	31	159			318			318	
46.75	46.85	31	529			1058			1058	
46.86	46.90	31	212			424			424	
46.91	46.96	31	265			530			530	
46.96	46.98	21	106			212				
46.97 R†	46.98 R†	38A	53	53						NB L† TURNLANE
46.99	47.01	21	106			212				
46.99 L†	47.01 L†	38A	106	106						SB L† TURNLANE
47.01	47.06	31	265			530			530	
47.07	47.15	31	423			846			846	
47.15	47.17	21	106			212				
47.15 R†	47.17 R†	38A	106	106						NB L† TURNLANE
47.18	47.38	27B	1057		1057					
47.18	47.38	31	1057			2114			2114	
LOCATION 1 SUBTOTAL				7773	334642	401370	2357	74182	23708	
LOCATION 2 SUBTOTAL				951	107444	116271	1324	9452	845	
LOCATION 3 SUBTOTAL				1558	3965	22532	0	9617	17870	
SUBTOTAL					446051	540173		93251	42423	
TOTAL				10282	986224		3681	135674		

SUMMARY OF QUANTITIES
Q-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN

FUNCTIONAL SUPERVISOR: Royal B. McCarthy
CALCULATED-DESIGNED BY: Johnathon Jackson
CHECKED BY: Curtis D. Coburn
REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => 11-FEB-2011
TIME PLOTTED => 11:28

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
01	Var	Var	Var	4	6

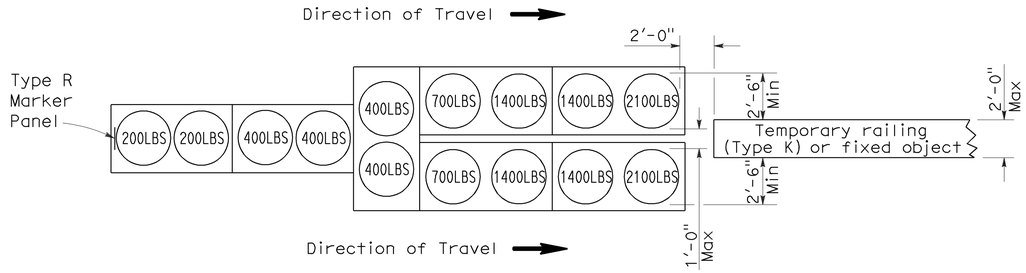
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

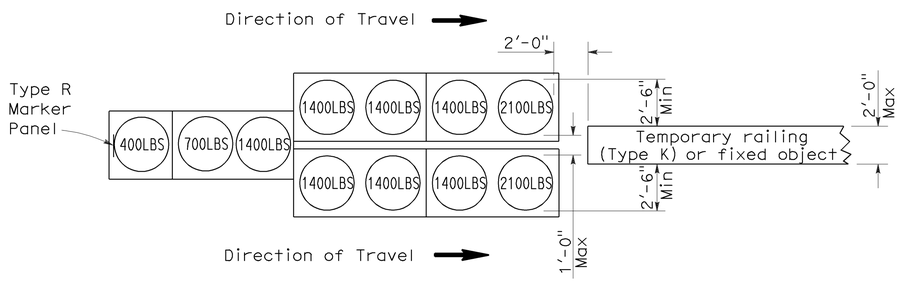
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated February 14, 2011



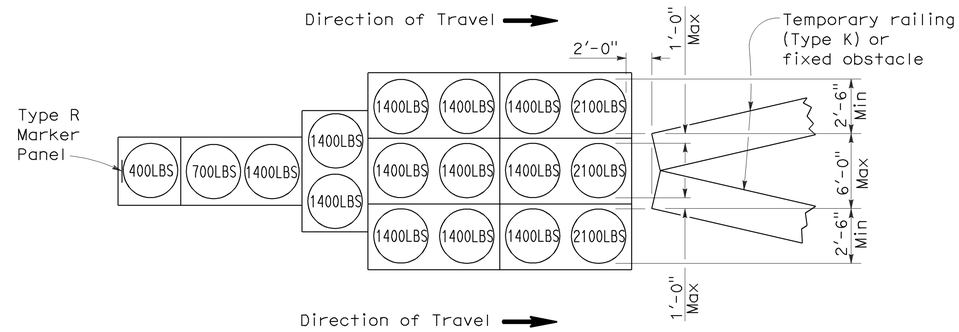
ARRAY 'TU14'

Approach speed 45 mph or more



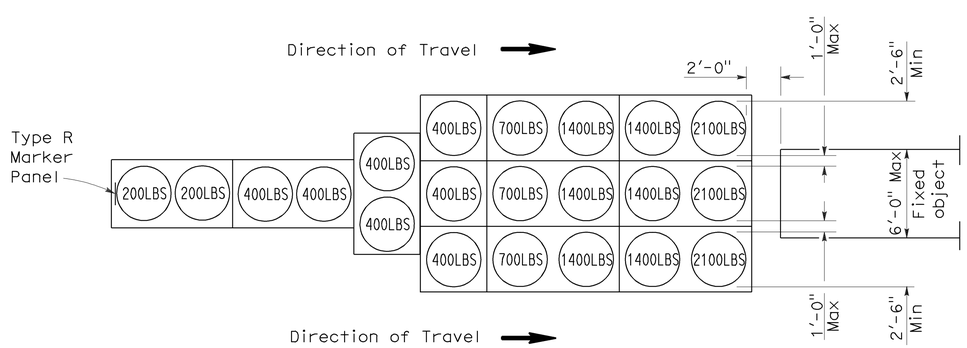
ARRAY 'TU11'

Approach speed less than 45 mph



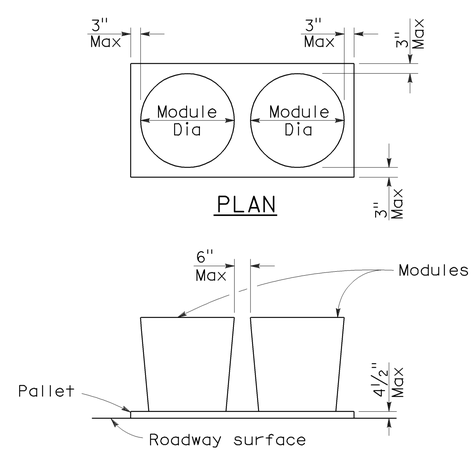
ARRAY 'TU17'

Approach speed less than 45 mph



ARRAY 'TU21'

Approach speed 45 mph or more



PLAN

ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the top of Type R marker panel 1" below the module lid.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY CRASH CUSHION, SAND FILLED (UNIDIRECTIONAL)

NO SCALE

RSP T1A DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1A
DATED MAY 1, 2006 - PAGE 211 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1A

2006 REVISED STANDARD PLAN RSP T1A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
01	Var	Var	Var	5	6

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

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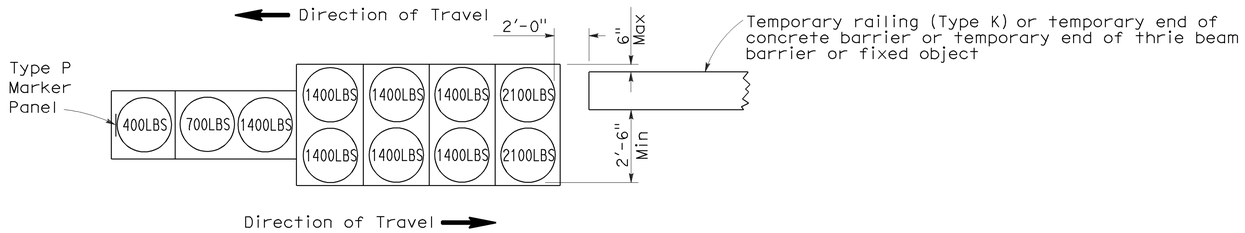
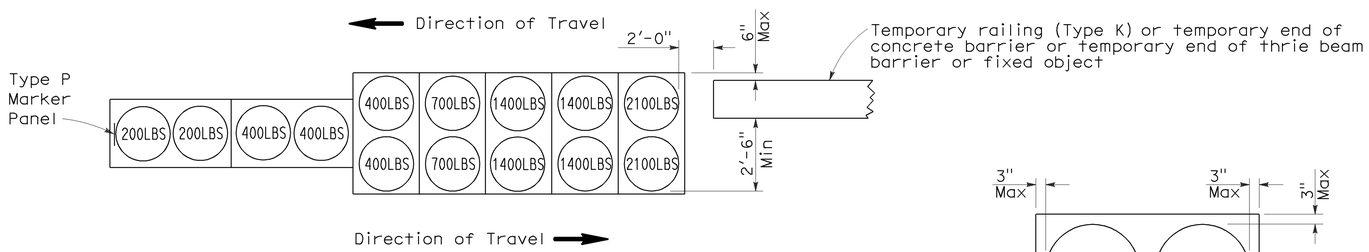
To accompany plans dated February 14, 2011



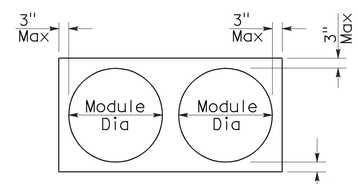
ARRAY 'TB11'

Approach speed less than 45 mph

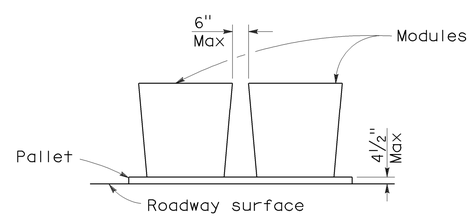


ARRAY 'TB14'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the Type P marker panel so that the bottom of the panel rests upon the pallet.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY CRASH CUSHION, SAND FILLED (BIDIRECTIONAL)

NO SCALE

RSP T1B DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1B
DATED MAY 1, 2006 - PAGE 212 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1B

2006 REVISED STANDARD PLAN RSP T1B

5-15-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
01	Var	Var	Var	6	6

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

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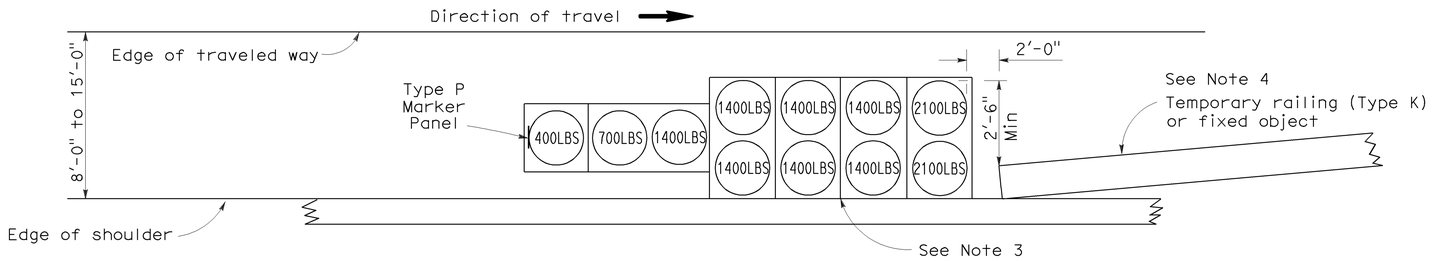
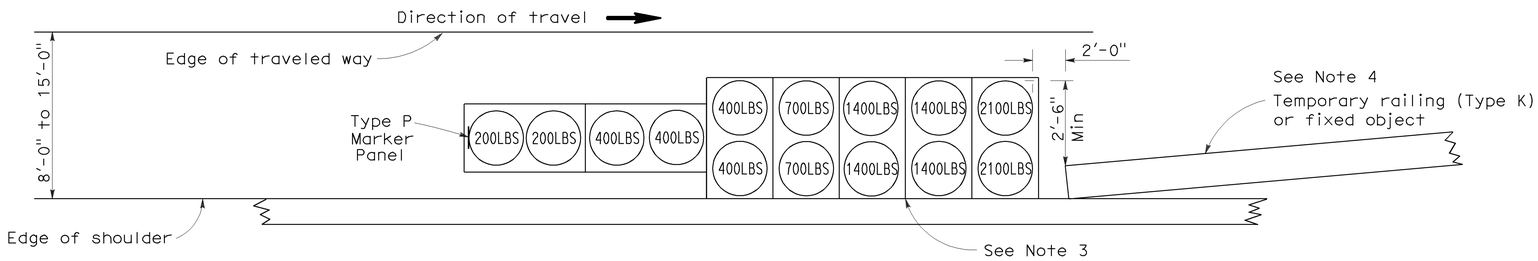
To accompany plans dated February 14, 2011



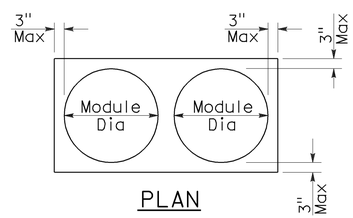
ARRAY 'TS11'

Approach speed less than 45 mph
See Note 9

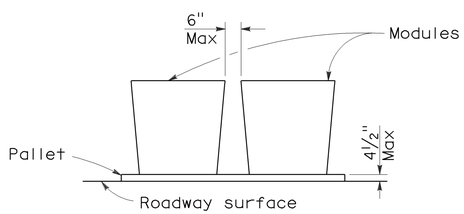


ARRAY 'TS14'

Approach speed 45 mph or more
See Note 9



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 11

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. The temporary crash cushion arrays shown on this plan shall be used only in locations where there will be traffic on one side of the temporary crash cushion array.
4. If the fixed object or approach end of the temporary railing is less than 15'-0" from the edge of traveled way, a temporary crash cushion is required in a construction or work zone.
5. Temporary crash cushion arrays shall not encroach on the traveled way.
6. Arrays for median shoulders shall conform to details shown on this plan for outside shoulders.
7. Place the Type P marker panel so that the bottom of the panel rests upon the pallet and faces traffic.
8. Refer to Standard Plan A73B for marker details.
9. For shoulder widths less than 8'-0", appropriate approved crash cushion protection, other than sand filled modules, shall be provided at fixed objects and at approach ends of temporary railing. The specific type of crash cushion shall be as shown on the project plans or as specified in the Special Provisions, or if not shown on the project plans or specified in the Special Provisions, shall be as approved by the Engineer.
10. Approach speeds indicated conform to NCHRP 350 Report criteria.
11. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY CRASH CUSHION, SAND FILLED (SHOULDER INSTALLATIONS)

NO SCALE

RSP T2 DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T2
DATED MAY 1, 2006 - PAGE 213 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T2

2006 REVISED STANDARD PLAN RSP T2

5-15-08