Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	1	R50.9/58.5	1	8

INDEX OF PLANS

SHEET No	DESCRIPTION
1	TITLE AND LOCATION MAP
2	TYPICAL CROSS SECTION AND CONSTRUCTION DETAILS
3	CONSTRUCTION AREA SIGNS
4-5	SUMMARY OF QUANTITIES
6-8	NEW OR REVISED STANDARD PLANS

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

STATE OF CALIFORNIA

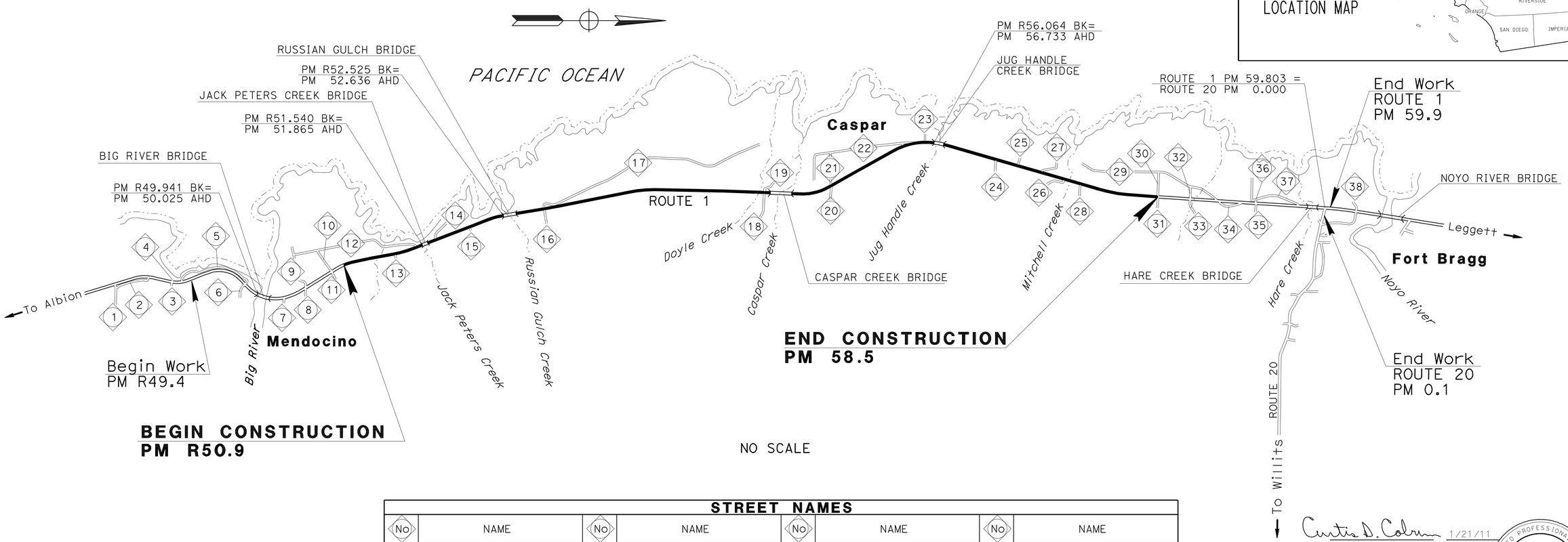
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON

STATE HIGHWAY

IN MENDOCINO COUNTY NEAR FORT BRAGG FROM 0.6 MILE NORTH OF BIG RIVER BRIDGE TO 0.3 MILE SOUTH OF HARE CREEK BRIDGE

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



STREET NAMES

No	NAME	No	NAME	No	NAME	No	NAME
1	GORDON Ln	11	LITTLE LAKE Rd	21	CASPAR St	31	BOICE Ln
2	ROAD 500 A	12	LANSING St	22	CASPAR Rd	32	TREGONING Ln
3	BREWERY GULCH Rd	13	LARKIN Rd	23	JUG HANDLE STATE PARK	33	TREGONING Ln
4	BREWERY GULCH VISTA Pt	14	ROAD 500 D	24	GIBNEY Ln	34	OLD COAST Hwy
5	ROAD 500 B	15	SURFWOOD ESTATES Rd	25	JEFFERSON WAY	35	SIMPSON Ln
6	COMPTCHE UKIAH Rd	16	CABRILLO Dr	26	BROOKFIELD Dr	36	SIMPSON Ln
7	NORTH BIG RIVER Rd	17	POINT CABRILLO Dr	27	OCEAN Dr	37	COAST Hwy
8	JACKSON St	18	CASPAR LAKE Rd	28	PEARL Dr	38	OCEAN VIEW Dr
9	LANSING St	19	CASPAR LAKE Rd	29	OCEAN Dr		
10	LITTLE LAKE Rd	20	FERN CREEK Rd	30	BOICE Ln		

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

Curtis D. Coburn 1/21/11
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

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

January 24, 2011
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.

CONTRACT No.	01-499504
PROJECT ID	0100000701

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

LAST REVISION 12-08-10
DATE PLOTTED => 09-FEB-2011
TIME PLOTTED => 11:02

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	1	R50.9/58.5	2	8

REGISTERED CIVIL ENGINEER 1/21/11 DATE

January 24, 2011
PLANS APPROVAL DATE

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

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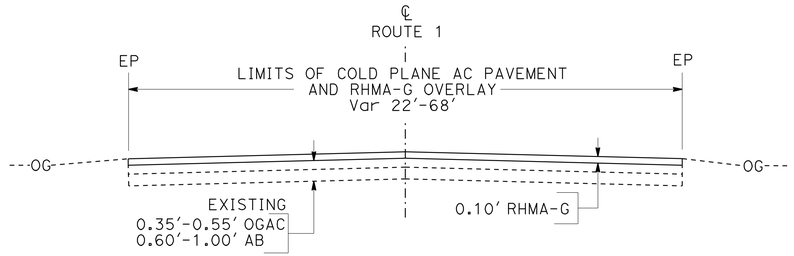
NOTES

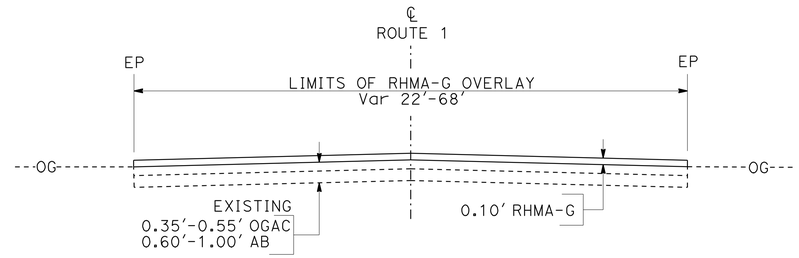
1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. SUPERELEVATION AS SHOWN OR AS DIRECTED BY THE ENGINEER.
3. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

LEGEND

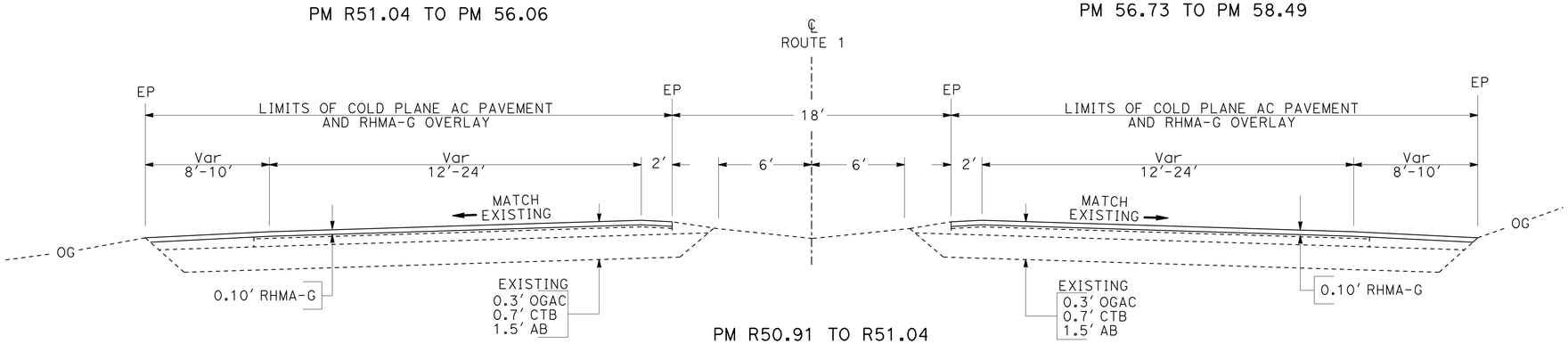
RHMA-G = RUBBERIZED HOT MIX ASPHALT USING WARM MIX TECHNOLOGY (GAP-GRADED)



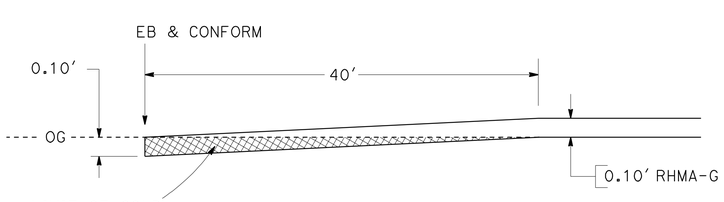
PM R51.04 TO PM 56.06



PM 56.73 TO PM 58.49

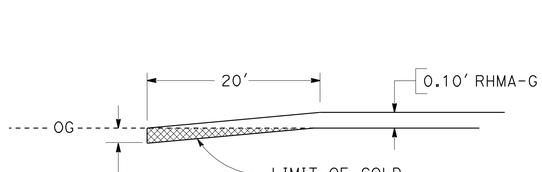


PM R50.91 TO R51.04

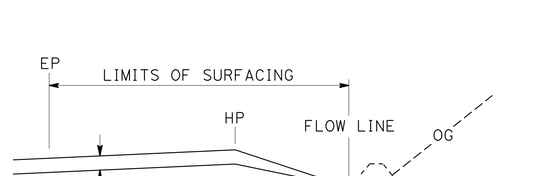


COLD PLANE AC PAVEMENT

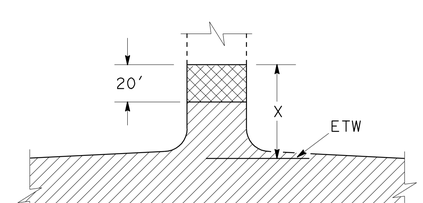
JUG HANDLE CREEK BRIDGE (NORTH END)
CONFORM PM 58.49



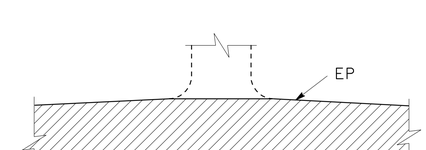
COLD PLANE AC PAVEMENT AT PUBLIC ROAD CONNECTIONS



AC CONFORM TO EXISTING PAVED DITCH



PUBLIC ROAD CONNECTION



PRIVATE ROAD CONNECTION

LOCATION	PM	X FT
GIBNEY LN	57.22 Rt	53
JEFFERSON WAY	57.40 Lt	32
OCEAN Dr	57.59 Lt	35
BOOKERFIELD Dr	57.75 Rt	65
PEARL Dr	57.88 Rt	76

LEGEND

LIMITS OF PAVING

COLD PLANE AC PAVEMENT

LIMITS OF PAVING

TYPICAL CROSS SECTIONS AND CONSTRUCTION DETAILS X-1

NO SCALE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN

FUNCTIONAL SUPERVISOR: Royal B. McCarthy
CALCULATED-DESIGNED BY: Dave Chang
CHECKED BY: Johnathon Jackson
REVISED BY / DATE REVISED

LAST REVISION 12-08-10 | DATE PLOTTED => 09-FEB-2011 | TIME PLOTTED => 11:02

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	1	R50.9/58.5	3	8

Curtis D. Coburn 1/21/11
REGISTERED CIVIL ENGINEER DATE

January 24, 2011
PLANS APPROVAL DATE

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

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STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN No.	SIGN CODE	SIGN MESSAGE	PANEL SIZE	NO OF POSTS AND SIZE	NO. OF SIGNS
A	G20-1	ROAD WORK NEXT 10 MILES	60"x36"	1-6"x6"	2
	C23B (CA)	RESURFACING	52"x12"		
B	G20-2	END ROAD WORK	36"x18"	1-4"x4"	2
C	W11-1	BICYCLE SYMBOL	36"x36"	1-6"x6"	2
	W16-1	SHARE THE ROAD	24"x30"		
D	W20-1	ROAD WORK AHEAD	36"x36"	1-4"x6"	33
E	C40 (CA)	TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONES	72"x36"	2-6"x6"	2

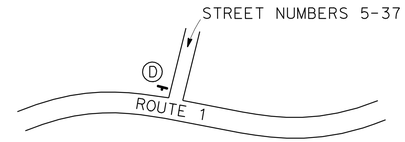
NOTES:

1. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
2. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

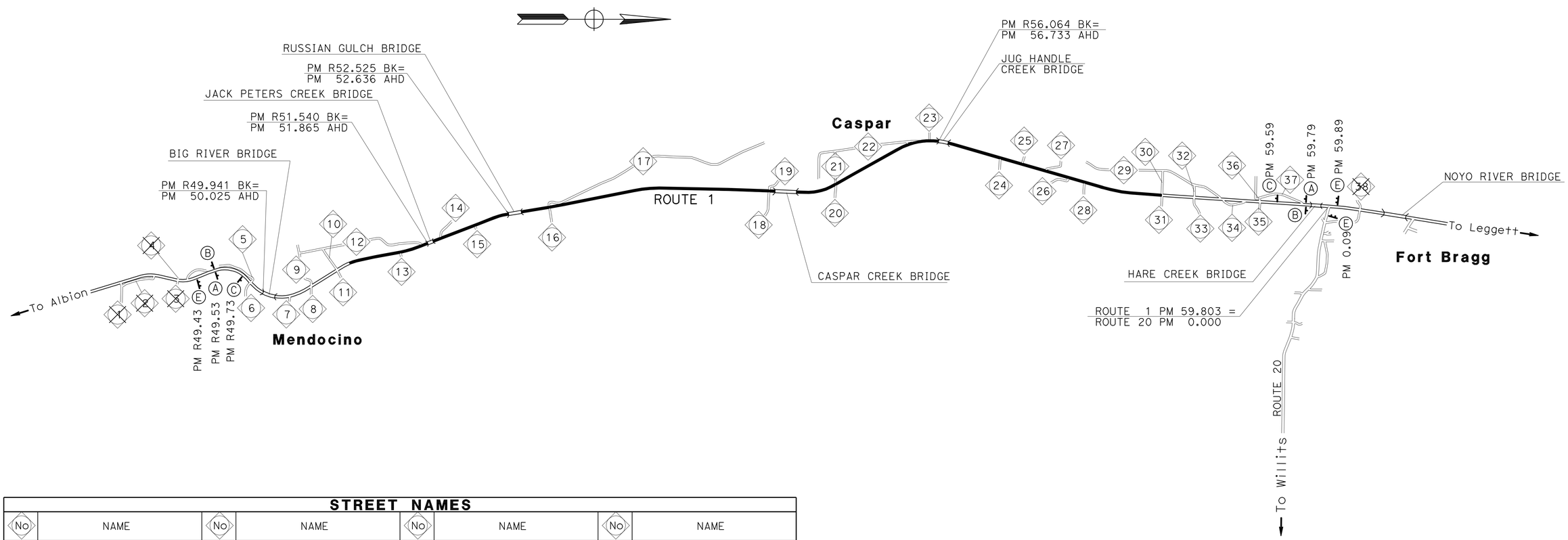
52"x12"
4" CAPS
BLACK/ORANGE

RESURFACING

C23B(CA)



TYPICAL SIGN PLACEMENT AT ALL PUBLIC ROAD CONNECTIONS



STREET NAMES

No	NAME	No	NAME	No	NAME	No	NAME
~~1~~	~~GORDON Ln~~	11	LITTLE LAKE Rd	21	CASPAR St	31	BOICE Ln
~~2~~	~~ROAD 500 A~~	12	LANSING St	22	CASPAR Rd	32	TREGONING Ln
~~3~~	~~BREWERY GULCH Rd~~	13	LARKIN Rd	23	JUG HANDLE STATE PARK	33	TREGONING Ln
~~4~~	~~BREWERY GULCH VISTA Pt~~	14	ROAD 500 D	24	GIBNEY Ln	34	OLD COAST Hwy
5	ROAD 500 B	15	SURFWOOD ESTATES Rd	25	JEFFERSON WAY	35	SIMPSON Ln
6	COMPTCHE UKIAH Rd	16	CABRILLO Dr	26	BROOKFIELD Dr	36	SIMPSON Ln
7	NORTH BIG RIVER Rd	17	POINT CABRILLO Dr	27	OCEAN Dr	37	COAST Hwy
8	JACKSON St	18	CASPAR LAKE Rd	28	PEARL Dr	~~38~~	~~OCEAN VIEW Dr~~
9	LANSING St	19	CASPAR LAKE Rd	29	OCEAN Dr		
10	LITTLE LAKE Rd	20	FERN CREEK Rd	30	BOICE Ln		

CONSTRUCTION AREA SIGNS
CS-1

NO SCALE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE DESIGN

FUNCTIONAL SUPERVISOR: Royal B. McCarthy
CALCULATED-DESIGNED BY: Dave Chang
CHECKED BY: Johnathon Jackson
REVISED BY
DATE REVISED

LAST REVISION 12-08-10
DATE PLOTTED => 09-FEB-2011
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	1	R50.9/58.5	4	8

Curtis D. Coburn 1/21/11
REGISTERED CIVIL ENGINEER DATE

January 24, 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 AND PAVEMENT MARKER QUANTITIES

LOCATION (PM) FROM	LOCATION (PM) TO	DETAIL No.	DETAIL LENGTH	TEMPORARY TRAFFIC STRIPE (PAINT) 4" WHITE	TEMPORARY TRAFFIC STRIPE (PAINT) 4" YELLOW	THERMOPLASTIC TRAFFIC STRIPE REMOVE 8" WHITE	THERMOPLASTIC TRAFFIC STRIPE 8" WHITE SOLID	THERMOPLASTIC TRAFFIC STRIPE 4" WHITE SOLID	THERMOPLASTIC TRAFFIC STRIPE 4" YELLOW SOLID	THERMOPLASTIC TRAFFIC STRIPE 4" WHITE BROKEN (12-3)	THERMOPLASTIC TRAFFIC STRIPE 4" YELLOW BROKEN (36-12)	PAINT ONE COAT 4" WHITE BROKEN (36-12)	PAVEMENT MARKERS RETROREFLECTIVE TYPE D YELLOW (TWO WAY)	PAVEMENT MARKERS RETROREFLECTIVE TYPE G CLEAR (ONE WAY)	PAVEMENT MARKERS RETROREFLECTIVE TYPE H YELLOW (ONE WAY)	PAVEMENT MARKERS NON-REFLECTIVE TYPE A WHITE	REMARKS
			LF										EA				
R50.91 R+	R51.32 R+	27B	2165					2165									
R50.91 L+	R51.54 L+	27B	3327					3327									
R50.91	R51.15	29	1268		5072				5072				108				
R50.91 R+	R51.02 R+	11&13	581	581								581		14		56	
R50.91 L+	R51.04 L+	11&13	687	687								687		16		64	
R51.15	R51.34	22	1004		2008				2008				86				
R51.35 R+	R51.54 R+	27B	1004					1004									
R51.35	R51.52	22	898		1796				1796				78				
R51.87 R+	R52.26 R+	27B	2086					2086									
R51.87	R52.00	22	713		1426				1426				62				
R51.87 L+	R52.01 L+	27B	766					766									
R51.87 L+	R51.89 L+	38	162			324	162							8			
R52.01	R52.20	22	1004		2008				2008				86				
R52.04 L+	R52.53 L+	27B	2561					2561									
R52.20	R52.29	29	476		1904				1904				42				
R52.27 R+	R52.29 R+	38	72			144	72							4			
R52.29 R+	R52.53 R+	27B	1241					1241									
R52.29 L+	R52.31 L+	38	100			200	100							6			
R52.30	R52.31	22	53		106				106				8				
R52.31	R52.42	29	581		2324				2324				52				
R52.42	R52.53	22	555		1110				1110				50				
R52.64 R+	R52.98 R+	27B	1817					1817									
R52.64 L+	R52.99 L+	27B	1870					1870									
R52.64	R52.87	22	1236		2472				2472				106				
R52.87	R52.95	29	423		1692				1692				38				
R52.95	R53.00	22	264		528				528				24				
R52.95 R+	R53.00 R+	38	220			440	220							11			
R53.00 L+	R53.03 L+	38	160			320	160							8			
R53.00 R+	R54.67 R+	27B	8818					8818									
R53.01	R53.03	22	106		212				212				12				
R53.03	R53.13	29	529		2116				2116				48				
R53.02 L+	R54.68 L+	27B	8765					8765									
R53.13	R53.15	22	106		212				212				12				
R53.15 L+	R53.23 L+	19L	423		846				423		423		10		19		
R53.23	R53.57	6	1796		1796						1796		39				
R53.57 R+	R53.77 R+	19R	1057		2114				1057		1057		24		46		
R53.77 L+	R53.95 L+	19L	951		1902				951		951		21		41		
R53.95	R54.52	6	3010		3010						3010		64				
R54.52	R54.55	22	159		318				318				16				
R54.55	R54.62	29	370		1480				1480				34				
R54.62	R54.67	22	265		530				530				26				
R54.62 R+	R54.67 R+	38	260			520	260							12			
R54.67 R+	R55.18 R+	27B	2693					2693									
R54.68	R54.69	22	53		106				106				8				
R54.68 L+	R54.69 L+	38	75			150	75							5			
R54.69 L+	R55.18 L+	27B	2588					2588									
R54.69	R54.75	29	317		1268				1268				30				
R54.75	R54.80	22	264		528				528				24				
R54.80 R+	R55 RT	19R	1057		2114				1057		1057		24		46		
R54.91 L+	R54.94 L+	38	163			326	163							8			
R55.00	R55.05	22	264		528				528				24				
R55.05	R55.14	29	476		1904				1904				42				
R55.13 R+	R55.19 R+	38	300			600	300							14			
R55.14	R55.19	22	264		528				528				24				
R55.18 R+	R55.20 R+	38	114			228	114							6			
R55.19 L+	R55.81 L+	27B	3274					3274									
R55.19 L+	R55.24 L+	38	246			492	246							12			
R55.19 L+	R55.21 L+	38	118			236	118							6			
R55.20 R+	R56.06 R+	27B	4562					4562									
R55.20	R55.24	22	212		424				424				20				
R55.24	R55.33	29	476		1904				1904				42				
R55.33	R55.36	22	159		318				318				16				
R55.36 L+	R55.49 L+	19L	687		1374				687		687		16		30		
R55.49	R55.63	6	740		740						740		17				
R55.63 R+	R55.82 R+	19R	1004		2008				1004		1004		22		43		
R55.82 L+	R55.92 L+	27B	529					529									
R55.83	R55.96	22	687		1374				1374				60				
R55.88 L+	R55.90 L+	38	155			310	155							8			
R55.91 L+	R55.94 L+	27C	159							159							
R55.92 L+	R56.06 L+	27B	761					761									
R55.96 L+	R56.06 L+	19L	550		1100				550		550		13		24		
56.73 R+	57.19 R+	27B	2413					2413									
56.73 L+	57.39 L+	27B	3469					3469									
56.73 L+	56.80 L+	19L	354						354		354		9		16		
56.80	56.89	6	476								476		11				
56.89 R+	57.03 R+	19R	740						740		740		17		32		
57.03	57.22	29	1004						4016				86				
57.19 R+	57.24 R+	27C	265							265							
57.22 R+		22	44						88				6				GIBNEY Ln
		SHEET TOTAL		1268	53200	4290	2145	54709	47123	424	12845	1268	1557	138	297	120	

SUMMARY OF QUANTITIES
Q-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN

FUNCTIONAL SUPERVISOR: Royal B. McCarthy
CALCULATED-DESIGNED BY: Dave Chang
CHECKED BY: Johnathon Jackson
REVISED BY / DATE REVISED

LAST REVISION 12-08-10 | DATE PLOTTED => 09-FEB-2011 | TIME PLOTTED => 11:02

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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Curtis D. Coburn 1/21/11
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January 24, 2011
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TRAFFIC STRIPE AND PAVEMENT MARKER QUANTITIES

LOCATION (PM) FROM	LOCATION (PM) TO	DETAIL No.	DETAIL LENGTH	TEMPORARY TRAFFIC STRIPE (PAINT) 4" WHITE	TEMPORARY TRAFFIC STRIPE (PAINT) 4" YELLOW	THERMOPLASTIC TRAFFIC STRIPE REMOVE 8" WHITE	THERMOPLASTIC TRAFFIC STRIPE 8" WHITE SOLID	THERMOPLASTIC TRAFFIC STRIPE 4" WHITE SOLID	THERMOPLASTIC TRAFFIC STRIPE 4" YELLOW SOLID	THERMOPLASTIC TRAFFIC STRIPE 4" WHITE BROKEN (12-3)	THERMOPLASTIC TRAFFIC STRIPE 4" YELLOW BROKEN (36-12)	PAINT ONE COAT 4" WHITE BROKEN (36-12)	PAVEMENT MARKERS RETROREFLECTIVE TYPE D YELLOW (TWO WAY)	PAVEMENT MARKERS RETROREFLECTIVE TYPE G CLEAR (ONE WAY)	PAVEMENT MARKERS RETROREFLECTIVE TYPE H YELLOW (ONE WAY)	PAVEMENT MARKERS NON-REFLECTIVE TYPE A WHITE	REMARKS
			LF										EA				
57.23	57.29	22	317						634				30				
57.23 L+	57.29 L+	38	350			700	350							16			
57.24 R+	57.75 R+	27B	2693					2693									
57.29	57.39	29	529						2116				48				
57.37 L+	57.42 L+	27C	265							265							
57.40 L+		22	94						188				10				JEFFERSON WAY
57.40 L+	57.58 L+	27B	951					951									
57.40	57.58	22	951						1902				82				
57.59 L+		22	26						52				6				OCEAN Dr
57.59	57.76	22	898						1796				78				
57.60 L+	58.50 L+	27B	4752					4752									
57.75 R+		22	62						124				8				BOOKERFIELD Dr
57.77 R+	57.89 R+	27B	634					634									
57.77	58.41	22	3380						6760				284				
57.88 R+		22	70						140				8				PEARL Dr
57.90 R+	58.49 R+	27B	3116					3116									
58.41	58.49	29	423						1692				38				
SHEET TOTAL				0	0	700	350	12146	15404	265	0	0	592	16	0	0	
SHEET Q-1 TOTAL				1268	53200	4290	2145	54709	47123	424	12845	1268	1557	138	297	120	
SUBTOTAL				1268	53200			66855	62527				2149	154	297		
TOTAL				54468		4990	2495	129382		689	12845	1268	2600			120	

ROADWAY QUANTITIES

LOCATION (PM) FROM	LOCATION (PM) TO	AVERAGE WIDTH	RUBBERIZED HMA USING WARM MIX TECNOLOGY (GAP GRADDED)	TACK COAT	COLD PLANE AC PAVEMENT	REMARKS
		LF	TON		SQYD	
50.91	51.00	86.0	403.77	1.9	4540.80	
51.00	51.10	62.3	325.00	1.6	3654.93	
51.10	51.20	35.2	183.63	0.9	2065.07	
51.20	51.54	34.0	603.58	2.9	6787.85	
51.49 L+		15.0	23.71	0.2		WIDE SHOULDER
51.91	52.14	35.5	431.49	2.1	4852.61	JACK PETERS CREEK
52.14	52.24	42.5	221.71	1.1	2493.33	
52.24	52.30	45.2	141.48	0.7	1591.04	
52.30	52.39	39.5	185.45	0.9	2085.60	
52.39	52.53	31.0	218.32	1.1	2455.20	
52.71	52.88	35.0	314.04	1.5	3531.73	RUSSIAN GULCH
52.88	52.94	47.0	147.11	0.7	1654.40	
52.94	53.03	51.5	241.79	1.2	2719.20	
53.03	53.10	46.5	169.80	0.8	1909.60	
53.10	54.57	40.0	3067.38	14.4	34496.00	
54.57	54.60	40.0	62.60	0.3	704.00	
54.60	54.65	40.0	104.33	0.5	1173.33	
54.65	54.71	36.0	112.68	0.6	1267.20	
54.87	55.04	36.0	319.26	1.5	3590.40	CASPAR CREEK
55.04	55.10	45.5	142.41	0.7	1601.60	
55.10	55.26	51.0	425.68	2.0	4787.20	
55.26	55.31	45.5	118.68	0.6	1334.67	
55.31	56.06	34.0	1337.34	6.3	15039.79	
56.81		29.0	11.46	0.1	128.89	JUG HANDLE
56.81	57.22	40.0	855.53	4.1		
57.22 R+		104.0	54.46	0.3	128.89	GIBNEY Ln
57.22	57.40	40.0	375.60	1.8		
57.22 L+		18.0	104.75	0.5		WIDE SHOULDER
57.40 L+		90.0	88.92	0.5	66.67	JEFFERSON WAY
57.40	57.59	35.0	346.91	1.7		
57.59 L+		145.5	50.31	0.3	91.11	OCEAN Dr
57.59	57.75	30.0	250.40	1.2		
57.75 R+		147.5	94.72	0.5	66.67	BOOKERFIELD Dr
57.75	57.88	30.0	203.45	1.0		
57.88 R+		111.5	83.72	0.4	51.11	PEARL Dr
57.88	58.37	38.5	984.12	4.7		
57.97 R+	58.00	14.0	26.28	0.2		WIDE SHOULDER
58.37	58.41	39.0	81.38	0.4		
58.41	58.50	38.0	178.41	0.9		
58.50		45.0			200.00	CONFORM
TOTAL		LF	13091.65	63.1	105068.89	

THERMOPLASTIC PAVEMENT MARKING

LOCATION (PM)	L+/R+ Med	ORIEN-TATION	TYPE/LEGEND	AREA SQFT	REMARKS
R50.96	R+	FNBT	TYPE VI ARROW (L+)	42	No. 2 LANE
R50.99	R+	FNBT	TYPE VI ARROW (L+)	42	No. 2 LANE
R51.02	R+	FNBT	TYPE VI ARROW (L+)	42	No. 2 LANE
R51.02	L+	FSBT	AHEAD	31	No. 1 LANE
R51.02	L+	FSBT	AHEAD	31	No. 2 LANE
R51.03	L+	FSBT	SIGNAL	32	No. 1 LANE
R51.03	L+	FSBT	SIGNAL	32	No. 2 LANE
R51.09	R+	FNBT	TYPE V ARROW	33	
R51.11	R+	FNBT	TYPE V ARROW	33	
R51.13	R+	FNBT	TYPE V ARROW	33	
R51.85	L+	FSBT	TYPE V ARROW	33	R+ TURN
R51.86	L+	FSBT	TYPE III ARROW (R+)	42	R+ TURN
R51.87	L+	FSBT	TYPE III ARROW (R+)	42	R+ TURN
R52.30	L+	FSBT	TYPE III ARROW (L+)	42	L+ TURNLANE
R52.99	R+	FNBT	TYPE III ARROW (L+)	42	L+ TURNLANE
R53.01	L+	FSBT	TYPE III ARROW (L+)	42	L+ TURNLANE
R54.63	R+	FNBT	TYPE III ARROW (L+)	42	L+ TURNLANE
R54.67	R+	FNBT	TYPE III ARROW (L+)	42	L+ TURNLANE
R54.67	R+	FNBT	TYPE V ARROW	33	L+ TURNLANE
R54.69	L+	FSBT	TYPE III ARROW (L+)	42	L+ TURNLANE
R54.69	L+	FSBT	TYPE V ARROW	33	
R55.14	R+	FNBT	TYPE III ARROW (L+)	42	L+ TURNLANE
R55.19	R+	FNBT	TYPE III ARROW (L+)	42	L+ TURNLANE
R55.19	R+	FEBT	TYPE V ARROW	33	R+ TURN
R55.20	L+	FSBT	TYPE III ARROW (L+)	42	L+ TURNLANE
R55.20	R+	FWBT	TYPE V ARROW	33	R+ TURN
R55.24	L+	FSBT	TYPE III ARROW (L+)	42	L+ TURNLANE
57.22	R+	FWBT	LIMIT LINE	47	GIBNEY Ln
57.22	R+	FWBT	STOP (2 EACH)	44	GIBNEY Ln
57.23	L+	FSBT	TYPE III ARROW (L+)	42	L+ TURNLANE
57.27	L+	FSBT	TYPE III ARROW (L+)	42	L+ TURNLANE
57.39	L+	FEBT	LIMIT LINE	32	JEFFERSON WAY
57.39	L+	FEBT	STOP	22	JEFFERSON WAY
57.58	L+	FEBT	LIMIT LINE	32	OCEAN Dr
57.58	L+	FEBT	STOP	22	OCEAN Dr
57.77	R+	FWBT	LIMIT LINE	35	BOOKERFIELD Dr
57.77	R+	FWBT	STOP	22	BOOKERFIELD Dr
57.90	R+	FWBT	LIMIT LINE	31	PEARL Dr
57.90	R+	FWBT	STOP	22	PEARL Dr
			TOTAL	1413	

REMOVE THERMOPLASTIC PAVEMENT MARKING

LOCATION (PM)	L+/R+ Med	ORIEN-TATION	TYPE/LEGEND	AREA SQFT	REMARKS
57.22	R+	FWBT	LIMIT LINE	47	GIBNEY Ln
57.22	R+	FWBT	STOP (2 EACH)	44	GIBNEY Ln
57.23	L+	FSBT	TYPE III ARROW (L+)	42	L+ TURNLANE
57.27	L+	FSBT	TYPE III ARROW (L+)	42	L+ TURNLANE
57.39	L+	FEBT	LIMIT LINE	32	JEFFERSON WAY
57.39	L+	FEBT	STOP	22	JEFFERSON WAY
57.58	L+	FEBT	LIMIT LINE	32	OCEAN Dr
57.58	L+	FEBT	STOP	22	OCEAN Dr
57.77	R+	FWBT	LIMIT LINE	35	BOOKERFIELD Dr
57.77	R+	FWBT	STOP	22	BOOKERFIELD Dr
57.90	R+	FWBT	LIMIT LINE	31	PEARL Dr
57.90	R+	FWBT	STOP	22	PEARL Dr
			TOTAL	393	

EXISTING TMS

LOCATION COUNTY	LOCATION ROUTE	LOCATION PM	REMARKS
Men	1	59.69 R+	EXTINGUISHABLE MESSAGE SIGN
Men	1	59.90	HIGHWAY ADVISORY RADIO
Men	1	60.10 L+	EXTINGUISHABLE MESSAGE SIGN
Men	20	0.30 L+	CLOSED CIRCUT TELEVISION

SUMMARY OF QUANTITIES
Q-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN

FUNCTIONAL SUPERVISOR: Royal B. McCarthy
CALCULATED-DESIGNED BY: Dave Chang
CHECKED BY: Johnathon Jackson
REVISED BY
DATE REVISED

LAST REVISION 12-08-10
DATE PLOTTED => 09-FEB-2011
TIME PLOTTED => 11:02

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
01	Men	1	R50.9/58.5	6	8

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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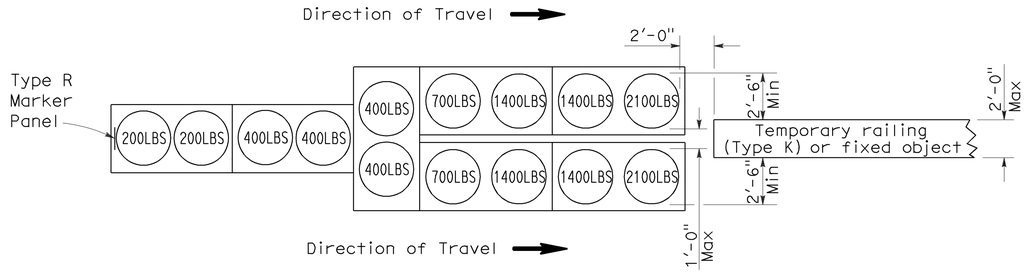
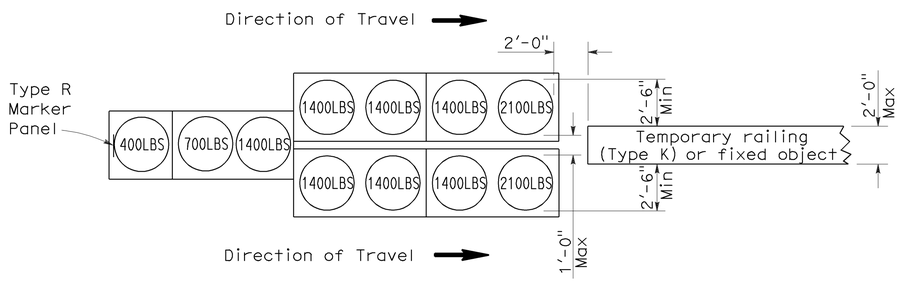
To accompany plans dated January 24, 2011



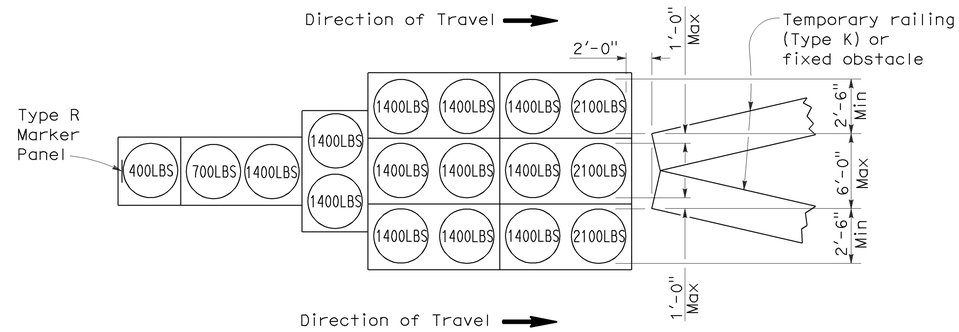
ARRAY 'TU14'

Approach speed 45 mph or more



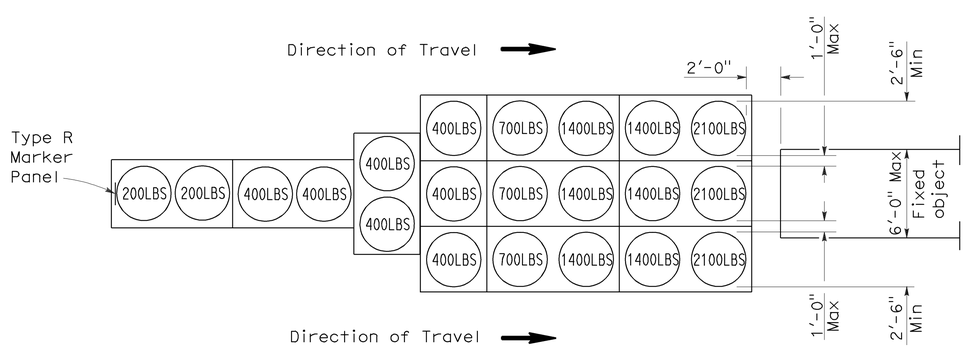
ARRAY 'TU11'

Approach speed less than 45 mph



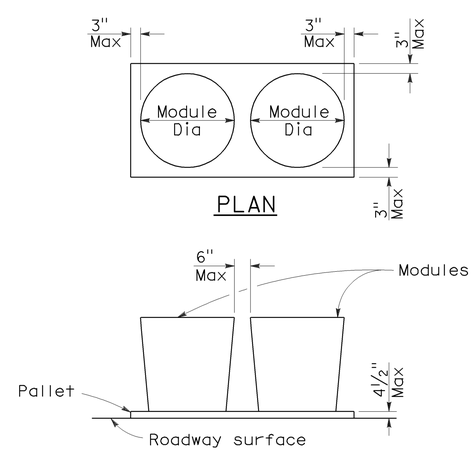
ARRAY 'TU17'

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	Men	1	R50.9/58.5	7	8

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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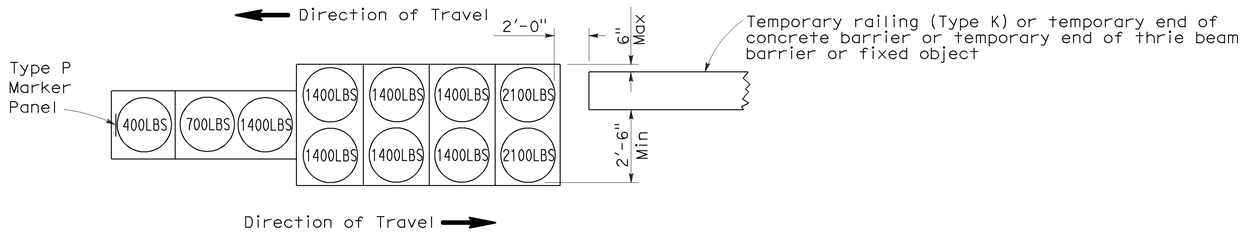
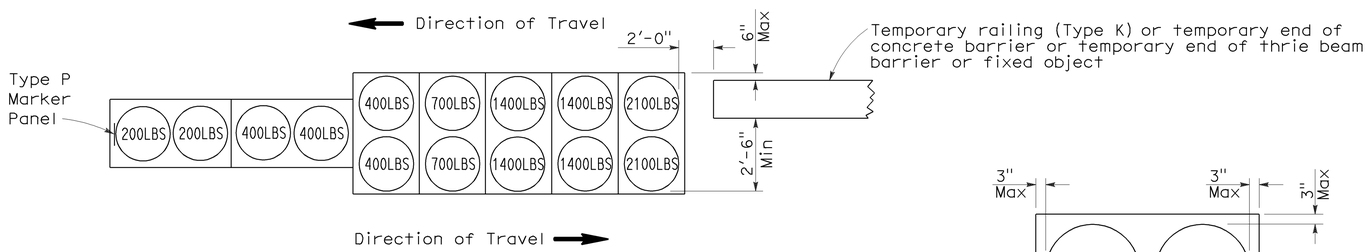
To accompany plans dated January 24, 2011



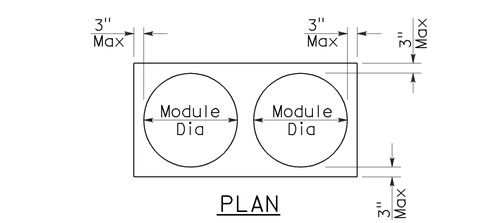
ARRAY 'TB11'

Approach speed less than 45 mph

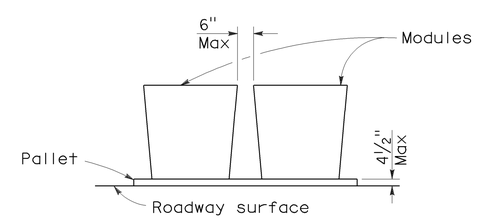


ARRAY 'TB14'

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	Men	1	R50.9/58.5	8	8

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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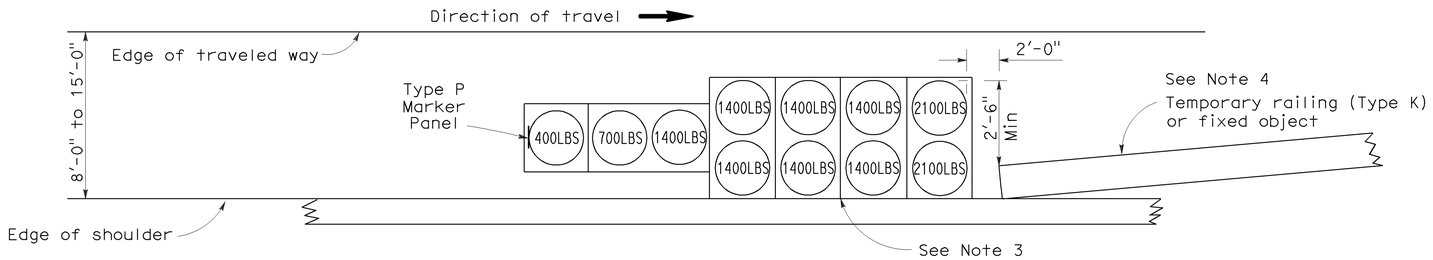
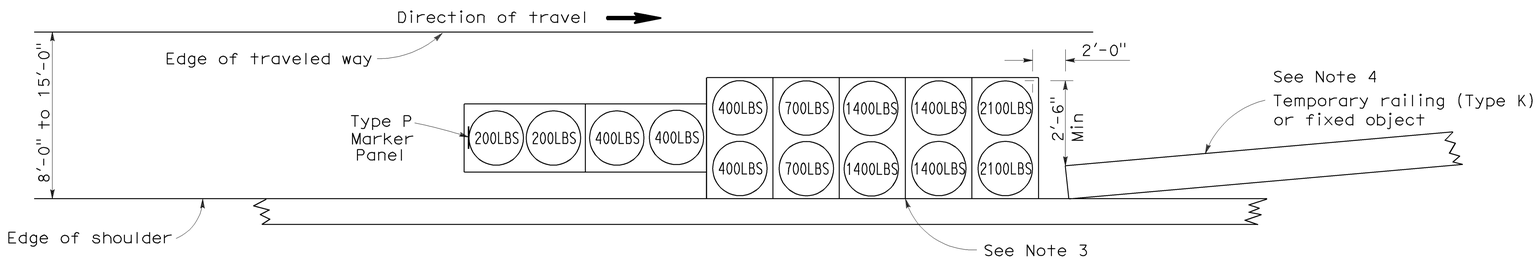
To accompany plans dated January 24, 2011



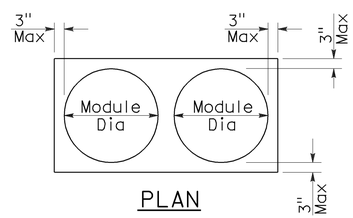
ARRAY 'TS11'

Approach speed less than 45 mph
See Note 9

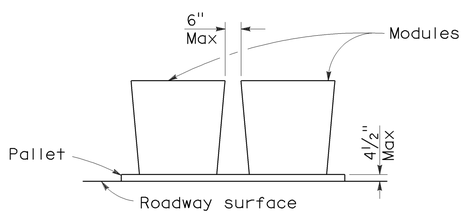


ARRAY 'TS14'

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