Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Hum	96	0.5/3.7	1	18

STP-P096(047)E

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY

IN HUMBOLDT COUNTY
AT AND NEAR WILLOW CREEK
FROM 0.1 MILE NORTH OF BRANNAN MOUNTAIN ROAD
TO 4.5 MILES SOUTH OF TISH TANG VIADUCT

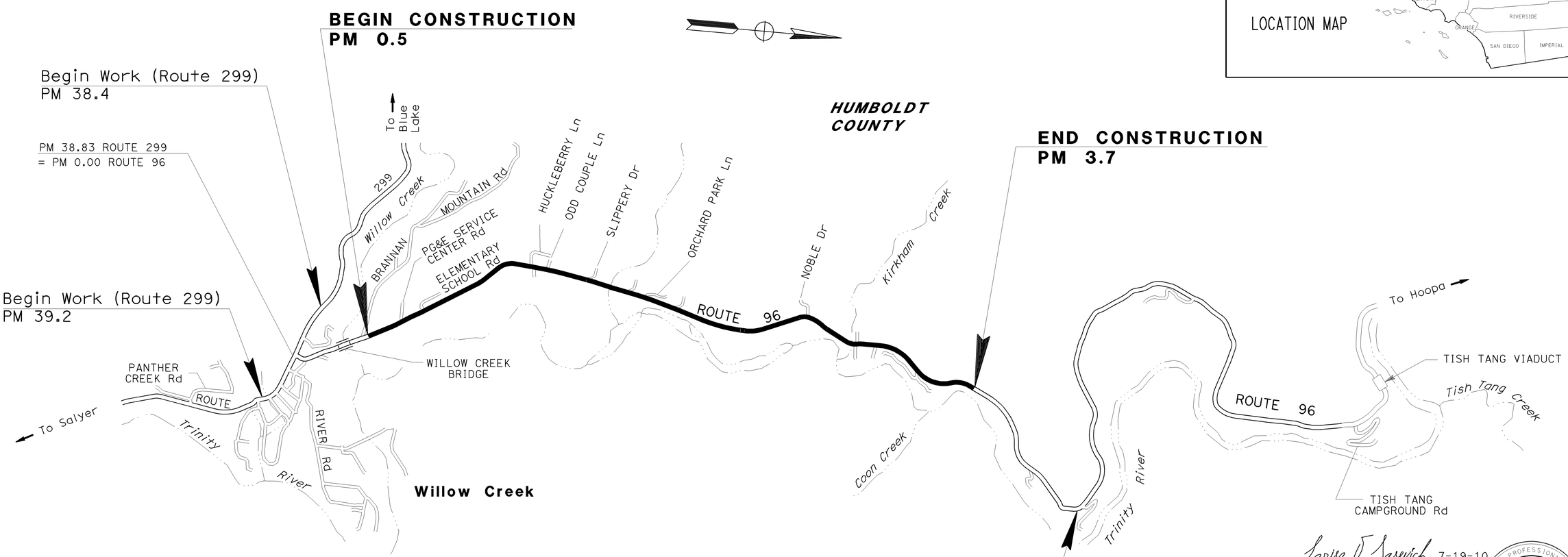
TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2	TYPICAL CROSS SECTIONS
3-8	CONSTRUCTION DETAILS
9	CONSTRUCTION AREA SIGNS
10-11	PAVEMENT DELINEATION QUANTITIES
12-13	SUMMARY OF QUANTITIES
14-18	NEW AND REVISED STANDARD PLANS

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

LOCATION MAP



NO SCALE

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

Larisa V. Sasevich 7-19-10
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER
LARISA V. SASEVICH
No. 71520
Exp. 12-31-11
CIVIL
STATE OF CALIFORNIA

July 19, 2010
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.	01-459404
PROJECT ID	0100020085

PROJECT MANAGER: KIMBERLY R. FLOYD
DESIGN ENGINEER: ROBERT E. POLGAR

LAST REVISION 07-19-10
DATE PLOTTED => 09-AUG-2010
TIME PLOTTED => 13:16

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Hum	96	0.5/3.7	2	18

Larisa V. Sasevich 7-19-10
REGISTERED CIVIL ENGINEER DATE

7-19-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
LARISA V. SASEVICH
No. 71520
Exp. 12-31-11
CIVIL
STATE OF CALIFORNIA

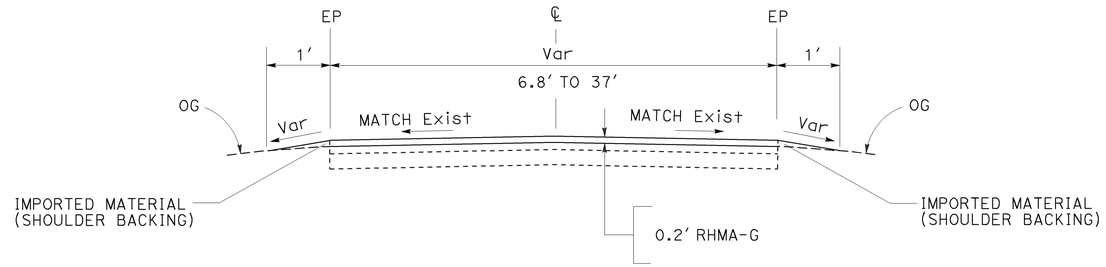
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

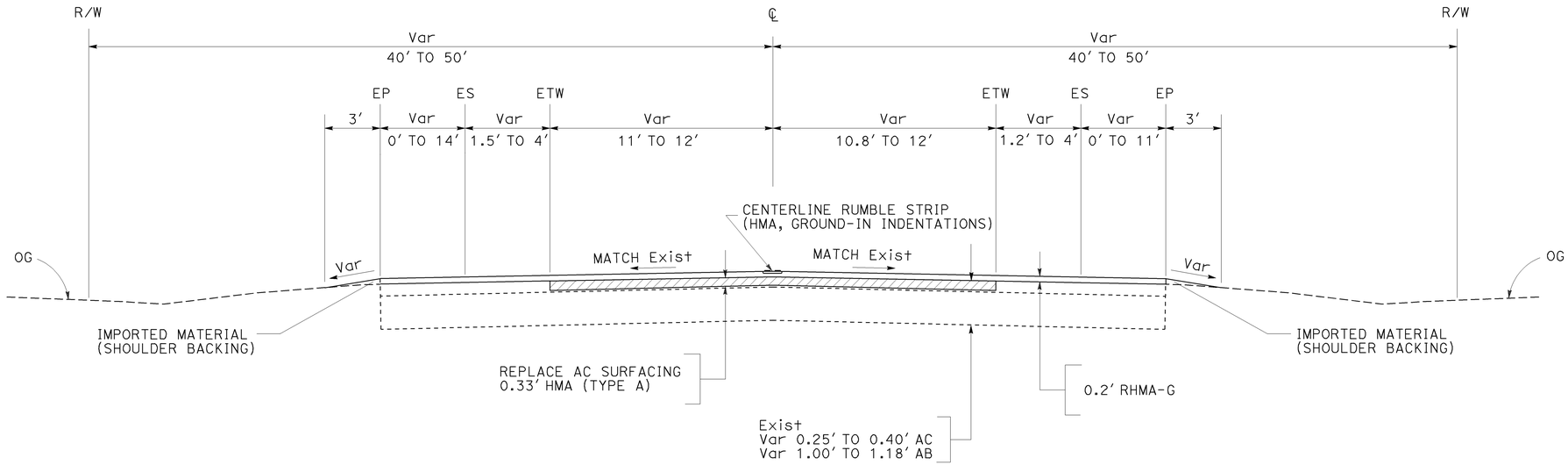
1. FOR COMPLETE RIGHT OF WAY DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.
2. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTION) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
3. SUPERELEVATION AS SHOWN OR AS DIRECTED BY THE ENGINEER.
4. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.
5. FOR LOCATIONS AND DIMENSIONS OF REPLACE ASPHALT CONCRETE SURFACING AND COLD PLANE ASPHALT CONCRETE PAVEMENT, SEE CONSTRUCTION DETAILS AND SUMMARY OF QUANTITIES.
6. FOR CENTERLINE RUMBLE STRIP DETAILS, SEE CONSTRUCTION DETAIL SHEETS.

ABBREVIATION:

RHMA-G RUBBERIZED HOT MIX ASPHALT (GAP GRADED)



ROAD AND DRIVEWAY CONNECTIONS TO ROUTE 96



ROUTE 96

PM 0.45 TO PM 3.70

TYPICAL CROSS SECTIONS

NO SCALE

X-1

REVISED BY	DATE REVISED
L.S.	07/19/10
L.S.	06/24/10

CALCULATED-DESIGNED BY: W. KEITH MACK
CHECKED BY: LARISA V. SASEVICH
FUNCTIONAL SUPERVISOR: ROBERT E. POLGAR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN

LAST REVISION 07-19-10
DATE PLOTTED => 26-JUL-2010
TIME PLOTTED => 08:49

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Hum	96	0.5/3.7	3	18

Larisa V. Sasevich 7-19-10
REGISTERED CIVIL ENGINEER DATE

7-19-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER LARISA V. SASEVICH No. 71520 Exp. 12-31-11 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.

NOTES:

1. (N) = NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.
2. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.
3. SEE SHEET C-2 FOR PAVING CONFORM TYPE.

ABBREVIATION:

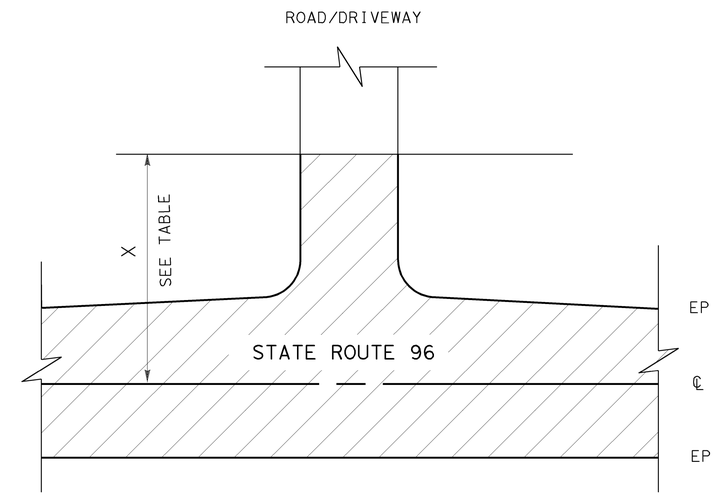
RHMA-G RUBBERIZED HOT MIX ASPHALT (GAP GRADED)

LEGEND:

LIMITS OF RHMA-G OVERLAY

ROAD AND DRIVEWAY CONNECTIONS

POST MILE (PM)	LOCATION	R†/L†	PAVING CONFORM TYPE A/B	OFFSET X (FT)	(N) RHMA-G OVERLAY AREA (SQFT)
0.50	MEDICAL SERVICES ROAD	L†	A	50	1685
0.53	DRIVEWAY (MERCER-FRASER COMPANY)	R†	A	50	3129
0.61	US FOREST SERVICE ROAD (SOUTH)	L†	A	40	300
0.63	US FOREST SERVICE ROAD (NORTH)	L†	A	40	533
0.65	CALTRANS ENTRANCE	L†	A	40	639
0.66	CHP ENTRANCE	L†	A	40	629
0.69	PG&E SERVICE CENTER ROAD	L†	A	40	396
0.76	ELEMENTARY SCHOOL ROAD	L†	A	40	2395
0.90	NORTHCOAST CHILDREN'S SERVICES	L†	A	40	2039
1.10	ROAD	R†	B	36	992
1.37	HUCKLEBERRY LANE	L†	A	40	924
1.41	ROAD	R†	A	40	971
1.49	ROAD	R†	A	40	385
1.50	ODD COUPLE LANE	L†	A	40	1078
1.61	RIVER BEND ROAD	L†	A	40	1025
1.63	FUZZ ROAD	R†	A	40	411
1.73	SLIPPERY DRIVE	L†	A	40	1083
1.74	ROAD	R†	A	40	1276
1.74	DRIVEWAY (DOXOL GAS)	L†	A	40	1242
1.82	ROAD	R†	A	40	1237
1.83	ROAD	L†	A	40	1354
1.88	ROAD	R†	A	40	429
1.89	DRIVEWAY	L†	B	34	893
1.96	DRIVEWAY	R†	A	40	791
1.98	BRADBURN LANE	L†	A	50	2244
2.18	DRIVEWAY	L†	A	50	356
2.22	DRIVEWAY	L†	B	35.5	378
2.33	DRIVEWAY (VAN DUSEN)	R†	B	27.5	236
2.35	DRIVEWAY	L†	A	40	471
2.38	ORCHARD PARK LANE	L†	A	40	961
2.41	DRIVEWAY	L†	A	40	358
2.41	DRIVEWAY	R†	A	40	353
2.43	DRIVEWAY	L†	A	40	433
2.48	DRIVEWAY (CHASE)	R†	B	33.2	236
2.50	ROAD	L†	A	40	1304
2.61	DRIVEWAY (TRINITY RIVER FARM)	R†	B	24	2292
2.65	ROAD	L†	A	40	1020
2.73	DRIVEWAY	L†	A	40	778
2.75	DRIVEWAY	R†	A	40	502
2.78	DRIVEWAY	L†	A	40	1027
2.89	NOBLE DRIVE	L†	A	40	1408
3.13	DRIVEWAY	R†	B	32	832
3.17	DRIVEWAY	L†	A	50	1590
3.19	DRIVEWAY	R†	B	32	1607
3.25	PLUMBING & ELECTRICAL SUPPLY DRIVEWAY (SOUTH)	R†	A	50	1258
3.30	PLUMBING & ELECTRICAL SUPPLY DRIVEWAY (NORTH)	R†	A	50	1381
3.32	DRIVEWAY	R†	A	50	1359
3.41	ROAD	L†	A	50	768
3.53	ROAD	L†	A	50	918
3.53	DRIVEWAY (3353 KNIGHTS PARK)	R†	A	50	3614
3.67	DRIVEWAY (RIVERDALE)	R†	A	50	1103



ROAD AND DRIVEWAY CONNECTIONS LIMITS OF RHMA-G OVERLAY

CONSTRUCTION DETAILS

NO SCALE

C-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
03-DESIGN
Caltrans

FUNCTIONAL SUPERVISOR: ROBERT E. POLGAR
CALCULATED-DESIGNED BY: W. KEITH MACK
CHECKED BY: LARISA V. SASEVICH
REVISED BY: L.S. L.S.
DATE REVISED: 06/24/10 07/19/10

LAST REVISION 07-19-10 | DATE PLOTTED => 26-JUL-2010 | TIME PLOTTED => 08:49

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Hum	96	0.5/3.7	4	18

Larisa V. Sasevich 7-19-10
REGISTERED CIVIL ENGINEER DATE

7-19-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
LARISA V. SASEVICH
No. 71520
Exp. 12-31-11
CIVIL
STATE OF CALIFORNIA

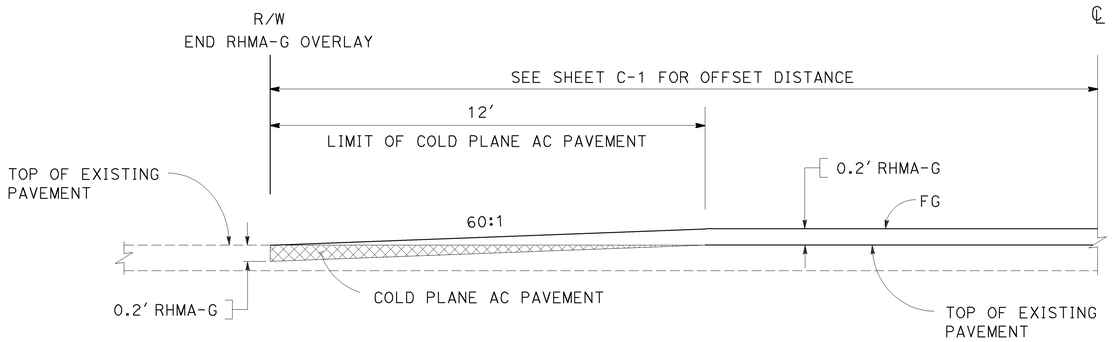
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

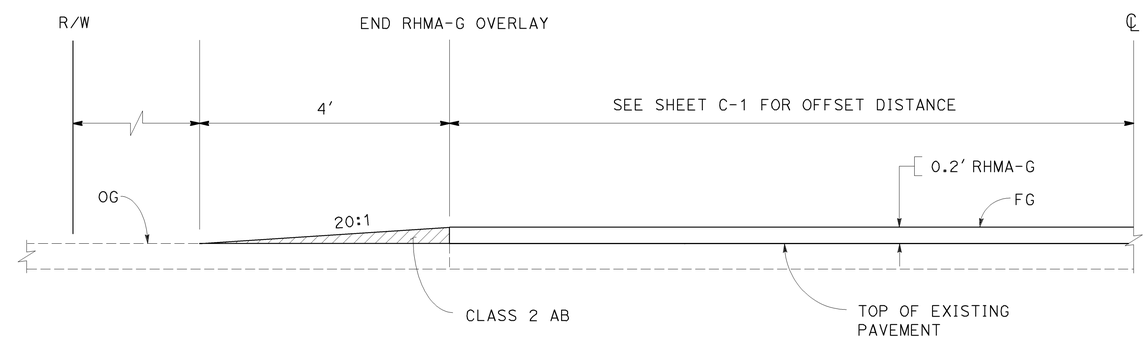
1. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

ABBREVIATION:

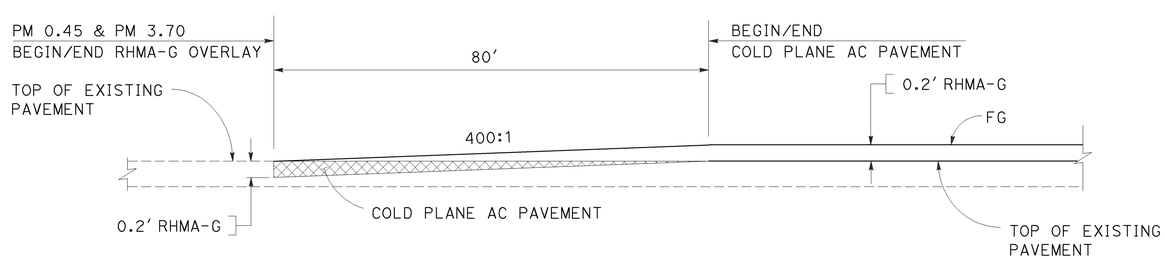
RHMA-G RUBBERIZED HOT MIX ASPHALT (GAP GRADED)



PAVING CONFORM
ROAD/DRIVEWAY - TYPE A



PAVING CONFORM
ROAD/DRIVEWAY - TYPE B



PAVING CONFORM
ROUTE 96

CONSTRUCTION DETAILS

NO SCALE

C-2

REVISED BY	DATE REVISED
L.S.	07/19/10
L.S.	06/24/10

W. KEITH MACK
LARISA V. SASEVICH
CALCULATED-DESIGNED BY
CHECKED BY
FUNCTIONAL SUPERVISOR
ROBERT E. POLGAR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
03-DESIGN
Caltrans

LAST REVISION 07-19-10
DATE PLOTTED => 26-JUL-2010
TIME PLOTTED => 08:49

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Hum	96	0.5/3.7	5	18

Larisa V. Sasevich 7-19-10
REGISTERED CIVIL ENGINEER DATE

7-19-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
LARISA V. SASEVICH
No. 71520
Exp. 12-31-11
CIVIL
STATE OF CALIFORNIA

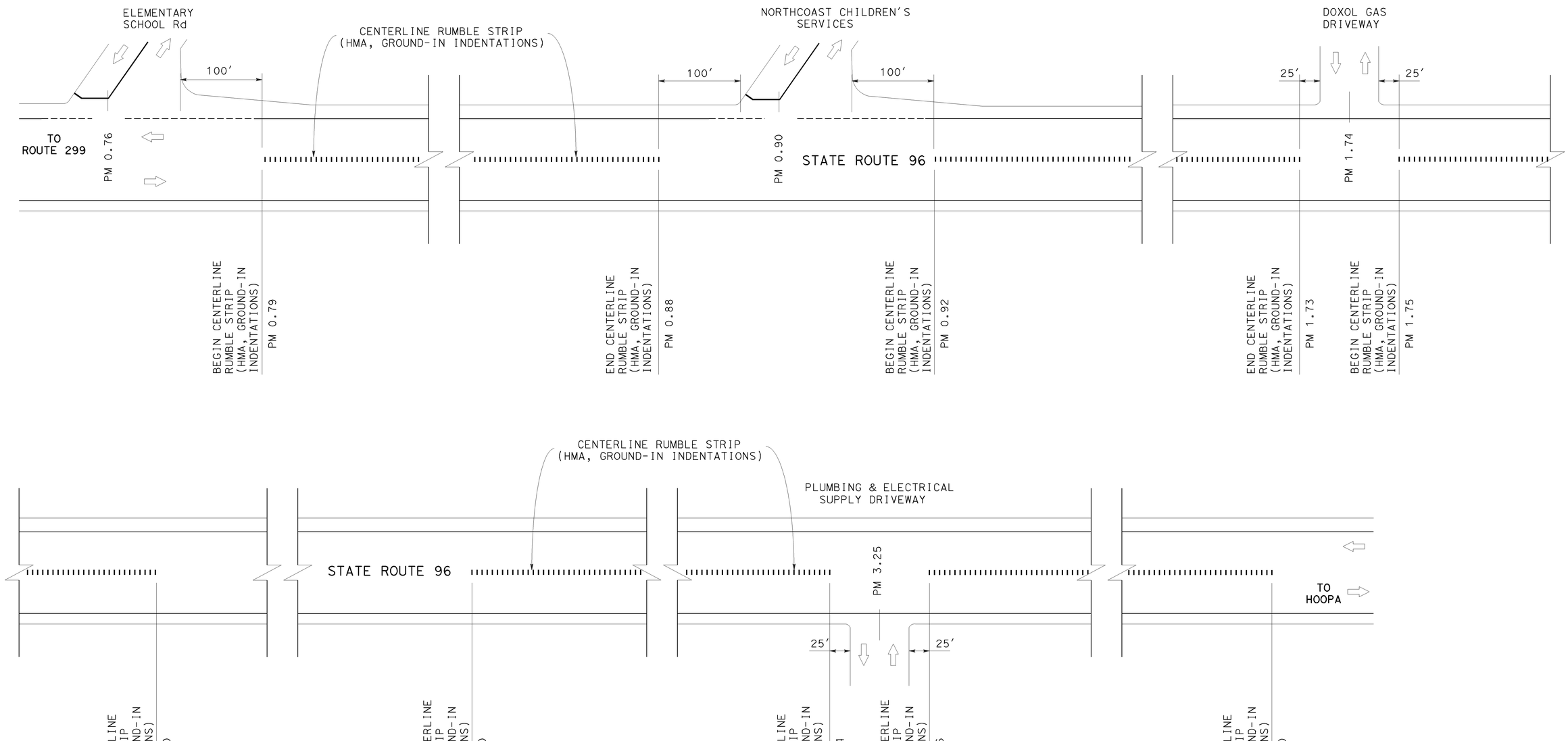
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. CENTERLINE RUMBLE STRIP MUST BE CONSTRUCTED PRIOR TO INSTALLING FINAL TRAFFIC STRIPES.
2. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

LEGEND:

⇨ DIRECTION OF TRAVEL



CENTERLINE RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS) LOCATIONS

CONSTRUCTION DETAILS

NO SCALE

C-3

REVISED BY	DATE REVISED
L.S.	07/19/10
L.S.	06/24/10

CALCULATED-DESIGNED BY: W. KEITH MACK
CHECKED BY: LARISA V. SASEVICH
FUNCTIONAL SUPERVISOR: ROBERT E. POLGAR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
03-DESIGN

LAST REVISION 07-19-10
DATE PLOTTED => 26-JUL-2010
TIME PLOTTED => 08:49

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Hum	96	0.5/3.7	6	18

Larisa V. Sasevich 7-19-10
REGISTERED CIVIL ENGINEER DATE

7-19-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
LARISA V. SASEVICH
No. 71520
Exp. 12-31-11
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.

NOTES:

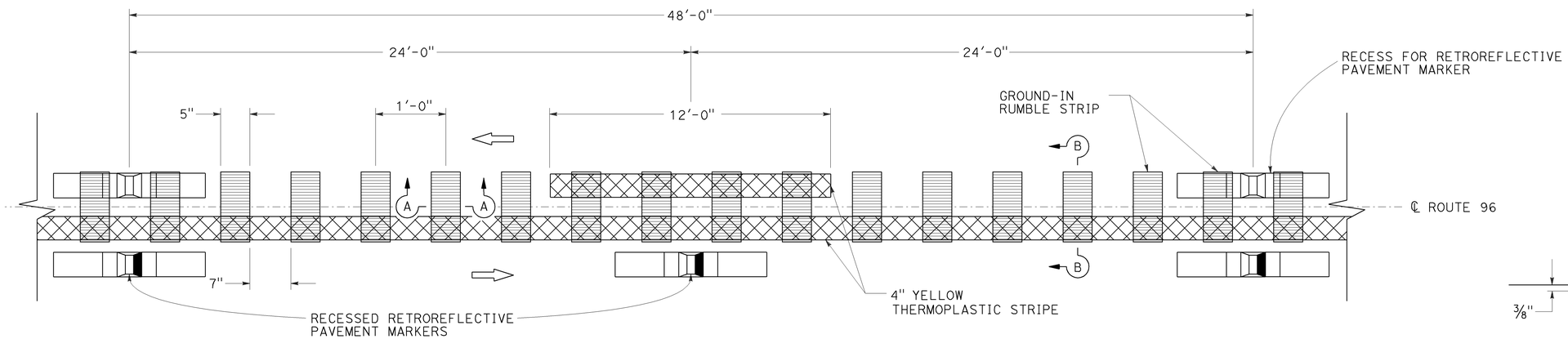
1. CENTERLINE RUMBLE STRIP MUST BE CONSTRUCTED PRIOR TO INSTALLING FINAL TRAFFIC STRIPES.
2. FOR RECESSED RETROREFLECTIVE PAVEMENT MARKER DETAILS, SEE STANDARD PLAN A20D.
3. FOR STRIPING DETAIL INFORMATION NOT SHOWN, SEE STANDARD PLANS.

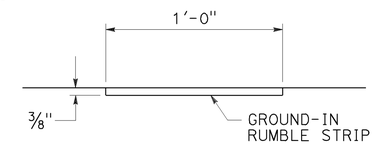
LEGEND:

DIRECTION OF TRAVEL

TYPE D TWO-WAY YELLOW PAVEMENT MARKER (RETROREFLECTIVE)

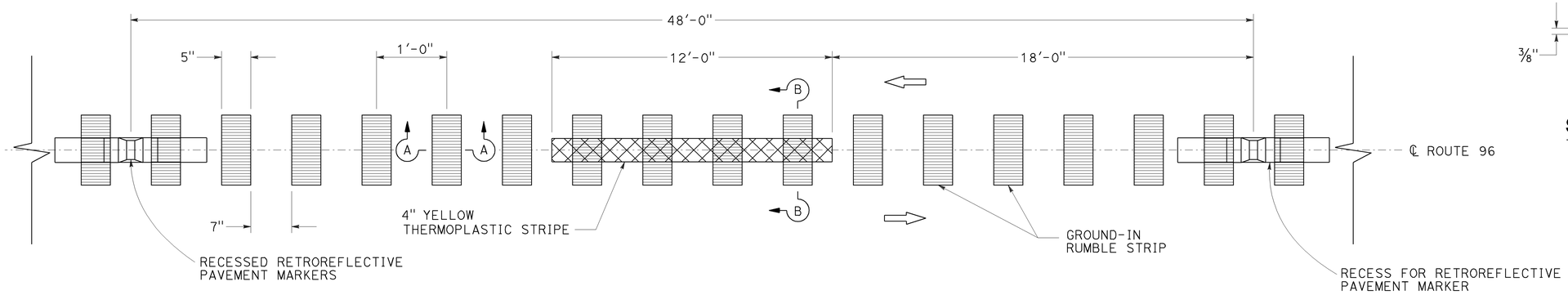
TYPE H ONE-WAY YELLOW PAVEMENT MARKER (RETROREFLECTIVE)

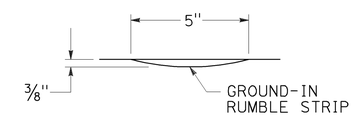




SECTION B-B

CENTERLINE RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS)
WITH STANDARD PLAN DETAIL 19





SECTION A-A

CENTERLINE RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS)
WITH STANDARD PLAN DETAIL 6

CONSTRUCTION DETAILS

NO SCALE

C-4

L.S.	07/19/10	
L.S.	06/24/10	
REVISED BY	DATE REVISED	
W. KEITH MACK	LARISA V. SASEVICH	
CALCULATED-DESIGNED BY	CHECKED BY	
FUNCTIONAL SUPERVISOR	ROBERT E. POLGAR	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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LAST REVISION 07-19-10 | DATE PLOTTED => 26-JUL-2010 | TIME PLOTTED => 08:49

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Hum	96	0.5/3.7	7	18

Larisa V. Sasevich 7-19-10
REGISTERED CIVIL ENGINEER DATE

7-19-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
LARISA V. SASEVICH
No. 71520
Exp. 12-31-11
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.

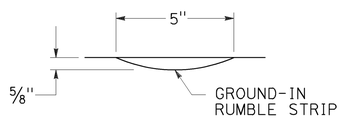
NOTES:

1. CENTERLINE RUMBLE STRIP MUST BE CONSTRUCTED PRIOR TO INSTALLING FINAL TRAFFIC STRIPES.
2. FOR RECESSED RETROREFLECTIVE PAVEMENT MARKER DETAILS, SEE STANDARD PLAN A20D.
3. FOR STRIPING DETAIL INFORMATION NOT SHOWN, SEE STANDARD PLANS.

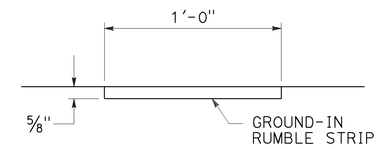
LEGEND:

DIRECTION OF TRAVEL

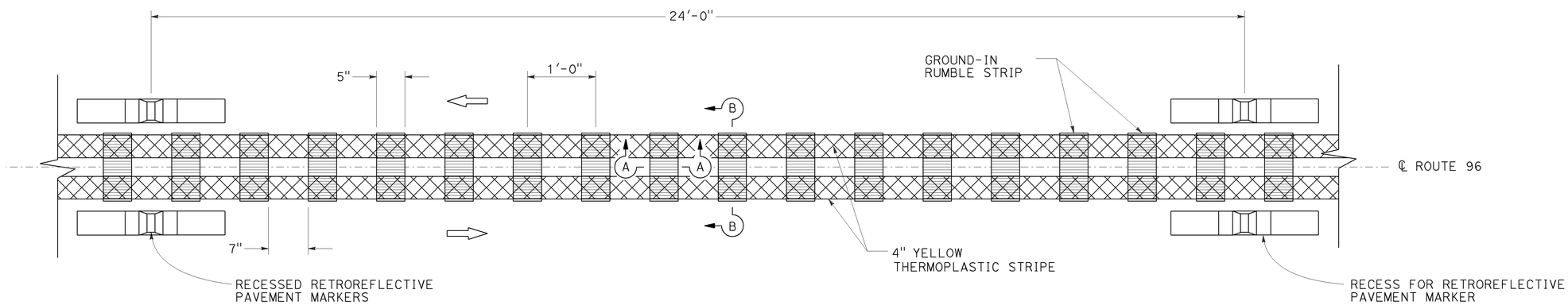
TYPE D TWO-WAY YELLOW PAVEMENT MARKER (RETROREFLECTIVE)



SECTION A-A



SECTION B-B



CENTERLINE RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS)
WITH STANDARD PLAN DETAIL 22

CONSTRUCTION DETAILS

NO SCALE

C-5

L.S.	07/19/10
L.S.	06/24/10
REVISED BY	DATE REVISED
W. KEITH MACK	LARISA V. SASEVICH
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	ROBERT E. POLGAR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
03-DESIGN
Caltrans

LAST REVISION 07-19-10
DATE PLOTTED => 26-JUL-2010
TIME PLOTTED => 08:49

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Hum	96	0.5/3.7	8	18

Larisa V. Sasevich 7-19-10
REGISTERED CIVIL ENGINEER DATE

7-19-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
LARISA V. SASEVICH
No. 71520
Exp. 12-31-11
CIVIL
STATE OF CALIFORNIA

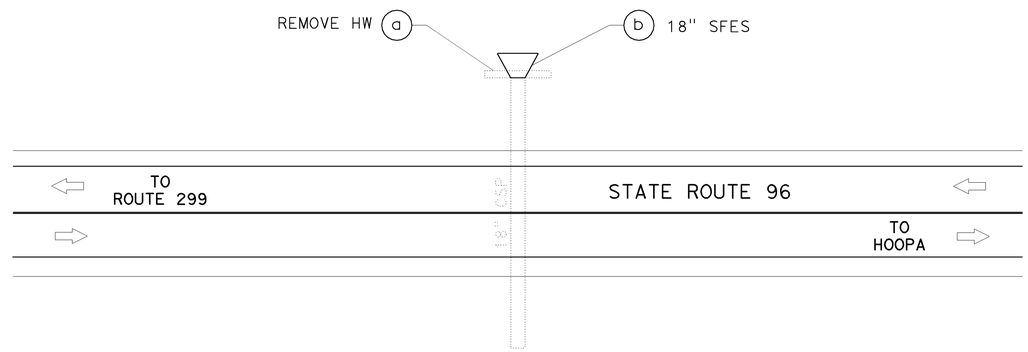
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.
2. REMOVE HEADWALL FOUNDATION DOWN TO 0.5' BELOW EXISTING GROUND SURFACE.

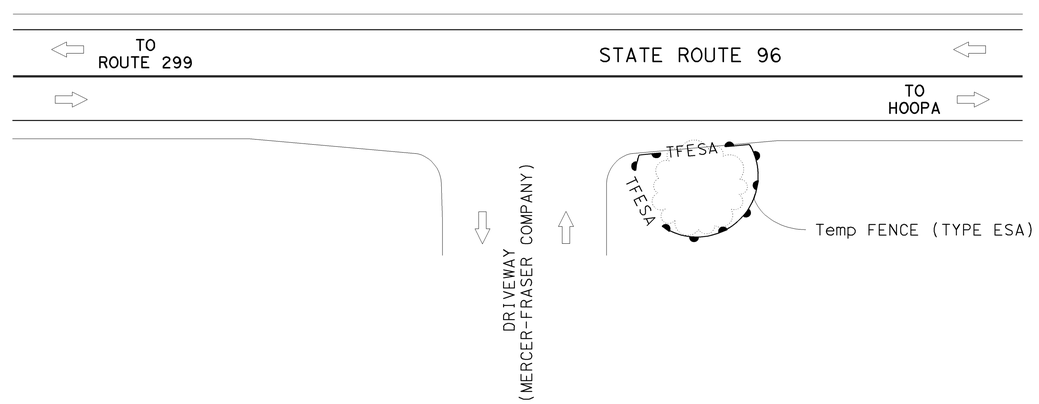
LEGEND:

⇨ DIRECTION OF TRAVEL



REMOVE HW & FES INSTALLATION

PM 1.50



TEMPORARY FENCE (TYPE ESA)

PM 0.55

CONSTRUCTION DETAILS

NO SCALE

C-6

REVISED BY	DATE REVISED
L.S.	07/19/10
L.S.	06/24/10

CALCULATED-DESIGNED BY: W. KEITH MACK
CHECKED BY: LARISA V. SASEVICH
FUNCTIONAL SUPERVISOR: ROBERT E. POLGAR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN

LAST REVISION 07-19-10
DATE PLOTTED => 26-JUL-2010
TIME PLOTTED => 08:50

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Hum	96	0.5/3.7	9	18

Larisa V. Sasevich 7-19-10
REGISTERED CIVIL ENGINEER DATE

7-19-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
LARISA V. SASEVICH
No. 71520
Exp. 12-31-11
CIVIL
STATE OF CALIFORNIA

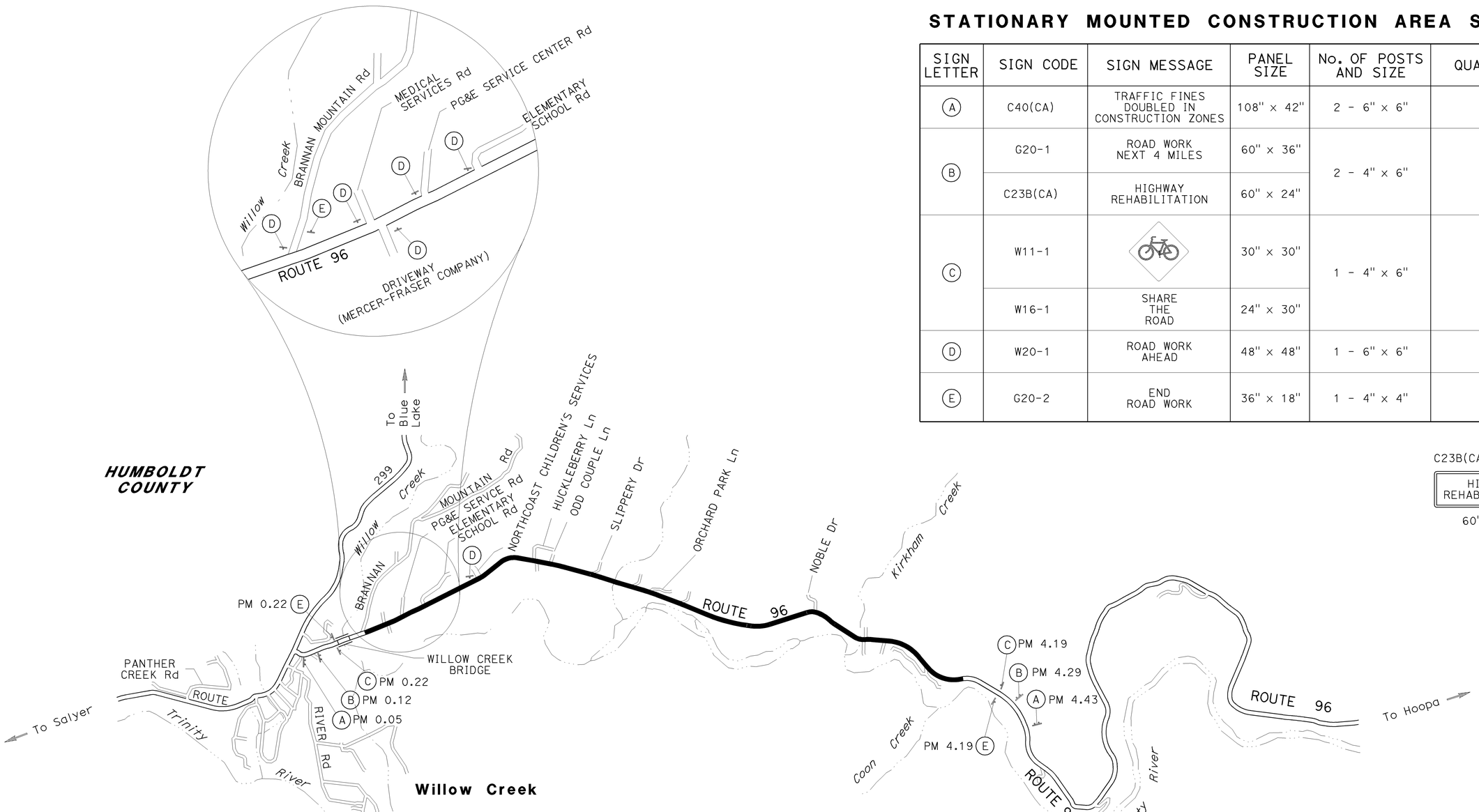
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.
2. C23B(CA) SHALL HAVE BLACK LETTERS ON ORANGE BACKGROUND.
3. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
4. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN LETTER	SIGN CODE	SIGN MESSAGE	PANEL SIZE	No. OF POSTS AND SIZE	QUANTITY
A	C40(CA)	TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONES	108" x 42"	2 - 6" x 6"	2
B	G20-1	ROAD WORK NEXT 4 MILES	60" x 36"	2 - 4" x 6"	2
	C23B(CA)	HIGHWAY REHABILITATION	60" x 24"		
C	W11-1		30" x 30"	1 - 4" x 6"	2
	W16-1	SHARE THE ROAD	24" x 30"		
D	W20-1	ROAD WORK AHEAD	48" x 48"	1 - 6" x 6"	6
E	G20-2	END ROAD WORK	36" x 18"	1 - 4" x 4"	3



C23B(CA)

HIGHWAY REHABILITATION 4" D

60" X 24"

CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
03-DESIGN
Caltrans

FUNCTIONAL SUPERVISOR: ROBERT E. POLGAR
CALCULATED-DESIGNED BY: W. KEITH MACK
CHECKED BY: LARISA V. SASEVICH
REVISED BY: L.S. | L.S. | L.S.
DATE REVISED: 06/24/10 | 06/24/10 | 07/19/10

LAST REVISION 07-19-10
DATE PLOTTED => 26-JUL-2010
TIME PLOTTED => 08:50

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Hum	96	0.5/3.7	10	18

Larisa V. Sasevich 7-19-10
REGISTERED CIVIL ENGINEER DATE

7-19-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
LARISA V. SASEVICH
No. 71520
Exp. 12-31-11
CIVIL
STATE OF CALIFORNIA

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3. STRIPING AND PAVEMENT MARKINGS TO REPLACE EXISTING. CONTRACTOR TO LOCATE STRIPING DETAIL CHANGE AND PAVEMENT MARKING LOCATIONS BEFORE OBLITERATION OF EXISTING STRIPES AND MARKINGS.

REMOVE THERMOPLASTIC PAVEMENT MARKING

PM	LOCATION	TYPE/LEGEND	WHITE	YELLOW (HAZARDOUS WASTE)
			(SQFT)	
0.50	MEDICAL SERVICES ROAD	LIMIT LINE	16.2	
0.50	MEDICAL SERVICES ROAD	"STOP" LEGEND	22.0	
0.61	US FOREST SERVICE ROAD (SOUTH)	LIMIT LINE	19.4	
0.61	US FOREST SERVICE ROAD (SOUTH)	"STOP" LEGEND	22.0	
0.63	US FOREST SERVICE ROAD (NORTH)	LIMIT LINE	19.4	
0.63	US FOREST SERVICE ROAD (NORTH)	"STOP" LEGEND	22.0	
0.65	CALTRANS ENTRANCE	LIMIT LINE	19.4	
0.65	CALTRANS ENTRANCE	"STOP" LEGEND	22.0	
0.69	PG&E SERVICE CENTER ROAD	LIMIT LINE	16.2	
0.69	PG&E SERVICE CENTER ROAD	"STOP" LEGEND	22.0	
0.76	ELEMENTARY SCHOOL ROAD	LIMIT LINE	32.3	
0.76	ELEMENTARY SCHOOL ROAD	"STOP" LEGEND	22.0	
0.90	NORTHCOAST CHILDREN'S SERVICES	LIMIT LINE	19.4	
0.90	NORTHCOAST CHILDREN'S SERVICES	"STOP" LEGEND	22.0	
0.63	ROUTE 96, EB LANE	"SCHOOL" LEGEND		35.0
0.99	ROUTE 96, WB LANE	"SCHOOL" LEGEND		35.0
		TOTAL	296.3	70.0

REMOVE THERMOPLASTIC TRAFFIC STRIPE

LOCATION	L†/R†	PM		DETAIL No.	(N) DETAIL LENGTH	REMOVE THERMOPLASTIC TRAFFIC STRIPE		REMOVE THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)		(N) PAVEMENT MARKER (RETROREFLECTIVE-RECESSED)	
						4" WHITE (BROKEN 12-3)	4" SOLID WHITE	4" YELLOW (BROKEN 36-12)	4" SOLID YELLOW	TYPE D	TYPE H
		FROM	TO		LF	LF		LF		EA	
ROUTE 96		0.45	0.62	22	866				1,732	82	
ROUTE 96	L†	0.45	0.50	27B	199		199				
ROUTE 96	R†	0.45	3.70	27B	17,014		17,014				
ROUTE 96	L†	0.50	0.52	27C	131	27					
ROUTE 96	L†	0.52	0.59	27B	337		337				
ROUTE 96	L†	0.59	0.65	27C	311	63					
ROUTE 96		0.65	0.68	22	162				324	16	
ROUTE 96	L†	0.65	0.68	27B	126		126				
ROUTE 96	L†	0.68	0.69	27C	78	16					
ROUTE 96	L†	0.69	0.74	27B	247		247				
ROUTE 96		0.69	0.75	22	306				612	28	
ROUTE 96	L†	0.74	0.77	27C	143	29					
ROUTE 96	L†	0.77	0.89	27B	659		659				
ROUTE 96		0.76	0.87	19L	596			149	596	14	26
ROUTE 96		0.87	0.99	6	591			148		14	
ROUTE 96	L†	0.89	0.91	27C	115	23					
ROUTE 96	L†	0.91	3.70	27B	14,658		14,658				
ROUTE 96		0.99	1.19	19R	1,075			269	1,075	24	46
ROUTE 96		1.19	1.50	22	1,608				3,216	136	
ROUTE 96		1.50	1.66	19L	853			214	853	19	37
ROUTE 96		1.66	1.77	6	591			148		14	
ROUTE 96		1.77	1.95	19R	951			238	951	21	41
ROUTE 96		1.95	3.70	22	9,154				18,308	772	
MEDICAL SERVICES ROAD		0.50		21	23				46		
PG&E SERVICE CENTER ROAD		0.69		21	23				46		
ELEMENTARY SCHOOL ROAD		0.76		21	23				46		
NORTHCOAST CHILDREN'S SERVICES		0.90		21	23				46		
					SUBTOTAL	158	33,240	1,166	27,851	1,140	150
					TOTAL	33,398		29,017		1,290	

PAVEMENT DELINEATION QUANTITIES

PDQ-1

REVISED BY	DATE REVISED
L.S.	07/19/10
L.S.	06/24/10

CALCULATED-DESIGNED BY: W. KEITH MACK
CHECKED BY: LARISA V. SASEVICH
FUNCTIONAL SUPERVISOR: ROBERT E. POLGAR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
03-DESIGN
Caltrans

LAST REVISION 07-19-10 | DATE PLOTTED => 09-AUG-2010 | TIME PLOTTED => 14:34

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Hum	96	0.5/3.7	11	18

Larisa V. Sasevich 7-19-10
REGISTERED CIVIL ENGINEER DATE

7-19-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
LARISA V. SASEVICH
No. 71520
Exp. 12-31-11
CIVIL
STATE OF CALIFORNIA

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THERMOPLASTIC PAVEMENT MARKING

PM	LOCATION	TYPE/LEGEND	WHITE (SQFT)	YELLOW (SQFT)
0.50	MEDICAL SERVICES ROAD	LIMIT LINE	16.2	
0.50	MEDICAL SERVICES ROAD	"STOP" LEGEND	22.0	
0.61	US FOREST SERVICE ROAD (SOUTH)	LIMIT LINE	19.4	
0.61	US FOREST SERVICE ROAD (SOUTH)	"STOP" LEGEND	22.0	
0.63	US FOREST SERVICE ROAD (NORTH)	LIMIT LINE	19.4	
0.63	US FOREST SERVICE ROAD (NORTH)	"STOP" LEGEND	22.0	
0.65	CALTRANS ENTRANCE	LIMIT LINE	19.4	
0.65	CALTRANS ENTRANCE	"STOP" LEGEND	22.0	
0.69	PG&E SERVICE CENTER ROAD	LIMIT LINE	16.2	
0.69	PG&E SERVICE CENTER ROAD	"STOP" LEGEND	22.0	
0.76	ELEMENTARY SCHOOL ROAD	LIMIT LINE	32.3	
0.76	ELEMENTARY SCHOOL ROAD	"STOP" LEGEND	22.0	
0.90	NORTHCOAST CHILDREN'S SERVICES	LIMIT LINE	19.4	
0.90	NORTHCOAST CHILDREN'S SERVICES	"STOP" LEGEND	22.0	
0.63	ROUTE 96, EB LANE	"SCHOOL" LEGEND		35.0
0.99	ROUTE 96, WB LANE	"SCHOOL" LEGEND		35.0
		SUBTOTAL	296.3	70.0
		TOTAL	366.3	

TRAFFIC STRIPE AND PAVEMENT MARKER QUANTITIES

LOCATION	L+/R+	PM FROM	PM TO	DETAIL No.	(N) DETAIL LENGTH	THERMOPLASTIC TRAFFIC STRIPE 4" WHITE (BROKEN 12-3)	4" YELLOW (BROKEN 36-12)	4" SOLID WHITE	4" SOLID YELLOW	PAVEMENT MARKER (RETROREFLECTIVE-RECESSED) TYPE D	TYPE H
					LF	LF	LF	LF		EA	
ROUTE 96		0.45	0.62	22	946				1,892	82	
ROUTE 96	L+	0.45	0.50	27B	279			279			
ROUTE 96	R+	0.45	3.70	27B	17,174			17,174			
ROUTE 96	L+	0.50	0.52	27C	131	131					
ROUTE 96	L+	0.52	0.59	27B	337			337			
ROUTE 96	L+	0.59	0.65	27C	311	311					
ROUTE 96		0.65	0.68	22	162				324	16	
ROUTE 96	L+	0.65	0.68	27B	126			126			
ROUTE 96	L+	0.68	0.69	27C	78	78					
ROUTE 96	L+	0.69	0.74	27B	247			247			
ROUTE 96		0.69	0.75	22	306				612	28	
ROUTE 96	L+	0.74	0.77	27C	143	143					
ROUTE 96	L+	0.77	0.89	27B	659			659			
ROUTE 96		0.76	0.87	19L	596		596		596	14	26
ROUTE 96		0.87	0.99	6	591		591			14	
ROUTE 96	L+	0.89	0.91	27C	115	115					
ROUTE 96	L+	0.91	3.70	27B	14,738			14,738			
ROUTE 96		0.99	1.19	19R	1,075		1,075		1,075	24	46
ROUTE 96		1.19	1.50	22	1,608				3,216	136	
ROUTE 96		1.50	1.66	19L	853		853		853	19	37
ROUTE 96		1.66	1.77	6	591		591			14	
ROUTE 96		1.77	1.95	19R	951		951		951	21	41
ROUTE 96		1.95	3.70	22	9,234				18,468	772	
MEDICAL SERVICES ROAD		0.50		21	23				46		
PG&E SERVICE CENTER ROAD		0.69		21	23				46		
ELEMENTARY SCHOOL ROAD		0.76		21	23				46		
NORTHCOAST CHILDREN'S SERVICES		0.90		21	23				46		
				SUBTOTAL	1,182	778	4,657	33,560	28,171	1,140	150
				TOTAL		778	4,657	61,731		1,290	

PAVEMENT DELINEATION QUANTITIES

PDQ-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
03-DESIGN
FUNCTIONAL SUPERVISOR: ROBERT E. POLGAR
CALCULATED-DESIGNED BY: W. KEITH MACK
CHECKED BY: LARISA V. SASEVICH
REVISED BY: L.S. — DATE REVISED: 07/19/10
REVISED BY: L.S. — DATE REVISED: 06/24/10

LAST REVISION 07-19-10
DATE PLOTTED => 09-AUG-2010
TIME PLOTTED => 14:34

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Hum	96	0.5/3.7	12	18

Larisa V. Sasevich 7-19-10
REGISTERED CIVIL ENGINEER DATE

7-19-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
LARISA V. SASEVICH
No. 71520
Exp. 12-31-11
CIVIL
STATE OF CALIFORNIA

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2. THE EXACT LIMITS OF AC SURFACING TO BE REPLACED WILL BE DETERMINED BY THE ENGINEER.
3. STRIPING AND PAVEMENT MARKINGS TO REPLACE EXISTING. CONTRACTOR TO LOCATE STRIPING DETAIL CHANGE AND PAVEMENT MARKING LOCATIONS BEFORE OBLITERATION OF EXISTING STRIPES AND MARKINGS.

REPLACE ASPHALT CONCRETE SURFACING

LOCATION	BEGIN	END	LENGTH	WIDTH	(N) HMA (TYPE A)	REPLACE AC Surf
	Approx PM		LF		TON	CY
EAST BOUND	0.45	0.48	162	12	48.2	23.8
	0.50	0.51	75	12	22.3	11.0
	0.55	0.58	177	12	52.7	26.0
	0.60	0.65	283	12	84.0	41.5
	0.70	0.70	51	12	15.2	7.5
	0.80	1.01	1120	12	332.7	164.3
	1.10	1.14	237	12	70.5	34.8
	1.17	1.20	181	13	58.3	28.8
	1.26	1.35	465	12	138.1	68.2
	1.37	1.38	61	12	18.0	8.9
	1.39	1.76	1967	12	584.2	288.5
	1.78	1.93	830	13	267.1	131.9
	1.94	1.94	40	13	13.0	6.4
	1.96	1.99	208	13	66.8	33.0
	2.00	2.00	40	13	13.0	6.4
	2.05	2.07	140	13	45.0	22.2
	2.10	2.13	195	13	62.8	31.0
	2.15	2.15	37	12	10.9	5.4
	2.30	2.31	98	13	31.6	15.6
	2.40	2.41	65	13	20.9	10.3
	2.45	2.46	58	13	18.6	9.2
	2.80	2.85	310	13	99.8	49.3
	2.90	2.93	198	13	63.8	31.5
	3.00	3.02	123	12	36.5	18.0
	3.05	3.06	105	12	31.2	15.4
	3.16	3.22	335	12	99.4	49.1
	3.25	3.27	115	12	34.2	16.9
	3.35	3.35	50	13	16.0	7.9
	3.50	3.52	130	13	41.9	20.7
	3.55	3.55	7	13	2.2	1.1
EAST BOUND SUBTOTAL					2398.9	1184.6

LOCATION	BEGIN	END	LENGTH	WIDTH	(N) HMA (TYPE A)	REPLACE AC Surf
	Approx PM		LF		TON	CY
WEST BOUND	0.53	0.54	68	12	20.3	10.0
	0.55	0.60	301	12	89.3	44.1
	0.65	0.70	266	12	79.0	39.0
	0.80	0.84	220	12	65.4	32.3
	0.85	0.93	460	12	136.7	67.5
	0.95	0.96	83	13	26.7	13.2
	1.00	1.01	84	13	26.9	13.3
	1.05	1.06	98	13	31.6	15.6
	1.08	1.08	40	12	11.9	5.9
	1.20	1.24	240	13	77.2	38.1
	1.35	1.42	350	13	112.6	55.6
	1.45	1.75	1580	12	469.2	231.7
	1.75	1.78	150	13	48.2	23.8
	1.79	1.91	665	12	197.4	97.5
	1.93	1.99	320	13	102.9	50.8
	2.00	2.00	30	12	8.9	4.4
	2.20	2.20	34	12	10.1	5.0
	2.40	2.43	170	12	50.4	24.9
	2.50	2.53	170	12	50.4	24.9
	2.55	2.59	235	12	69.9	34.5
	2.60	2.61	55	13	17.6	8.7
	2.65	2.69	244	13	78.6	38.8
	2.80	2.88	430	13	138.3	68.3
	2.95	2.99	220	13	70.9	35.0
	3.05	3.08	165	12	49.0	24.2
	3.10	3.12	109	12	32.4	16.0
	3.15	3.17	158	12	47.0	23.2
	3.20	3.24	252	12	74.9	37.0
	3.40	3.40	48	13	15.4	7.6
	3.50	3.51	85	13	27.3	13.5
	3.56	3.57	62	13	20.0	9.9
	3.60	3.62	133	13	42.7	21.1
	3.65	3.66	93	13	30.0	14.8
WEST BOUND SUBTOTAL					2329.1	1150.2
TOTAL					4728.0	2334.8

1. ALL REPLACEMENT DEPTHS ARE 0.33'.

TEMPORARY FENCE (TYPE ESA)

LOCATION	L+/R+	LENGTH
PM		LF
0.55	R+	200
	TOTAL	200

SUMMARY OF QUANTITIES

Q-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
03-DESIGN

FUNCTIONAL SUPERVISOR	REVISED BY	L.S.	L.S.
ROBERT E. POLGAR	W. KEITH MACK	06/24/10	07/19/10
	LARISA V. SASEVICH	DATE REVISED	

CALCULATED-DESIGNED BY
CHECKED BY

LAST REVISION 07-19-10
DATE PLOTTED => 26-JUL-2010
TIME PLOTTED => 08:50

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Hum	96	0.5/3.7	13	18

Larisa V. Sasevich 7-19-10
REGISTERED CIVIL ENGINEER DATE

7-19-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER LARISA V. SASEVICH No. 71520 Exp. 12-31-11 CIVIL STATE OF CALIFORNIA

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EROSION CONTROL

LOCATION		TYPE	ROLLED EROSION CONTROL PRODUCT (BLANKET)
PM	R†/L†		SQFT
1.50	L†	A	40

DRAINAGE QUANTITIES

LOCATION		18" STEEL FLARED END SECTION	REMOVE HEADWALL *
PM	R†/L†	EA	EA
1.50	L†	1	1

* REMOVE HEADWALL FOUNDATION DOWN TO 0.5' BELOW EXISTING GROUND SURFACE.

ROADWAY QUANTITIES

LOCATION	PM		RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	IMPORTED MATERIAL (SHOULDER BACKING)	CLASS 2 AGGREGATE BASE	TACK COAT	COLD PLANE ASPHALT CONCRETE PAVEMENT	CENTERLINE RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS)
	FROM	TO	TON	TON	CY	TON	SQYD	STA
ROUTE 96	0.45	1.00	1739	157.9		3.25	249	8.98
ROUTE 96	1.00	1.50	1421	143.6		2.65		26.40
ROUTE 96	1.50	2.00	1540	143.6		2.88		25.34
ROUTE 96	2.00	2.50	1266	143.6		2.36		5.28
ROUTE 96	2.50	3.00	1257	143.6		2.35		15.84
ROUTE 96	3.00	3.70	1788	201.0		3.34	231	35.90
MEDICAL SERVICES ROAD	0.50	L†	29	3.7		0.05	27	
DRIVEWAY (MERCER-FRASER CO.)	0.53	R†	54	4.3		0.10	50	
US FOREST SERVICE ROAD (SOUTH)	0.61	L†	5	1.0		0.01	21	
US FOREST SERVICE ROAD (NORTH)	0.63	L†	9	1.2		0.02	30	
CALTRANS ENTRANCE	0.65	L†	11	1.0		0.02	49	
CHP ENTRANCE	0.66	L†	11	1.1		0.02	45	
PG&E SERVICE CENTER ROAD	0.69	L†	7	1.0		0.01	32	
ELEMENTARY SCHOOL ROAD	0.76	L†	42	4.6		0.08	42	
NORTHCOAST CHILDREN'S SERVICES	0.90	L†	35	2.6		0.07	40	
ROAD	1.10	R†	17	3.4	0.3	0.03	20	
HUCKLEBERRY LN	1.37	L†	16	1.7		0.03	22	
ROAD	1.41	R†	17	1.9		0.03	72	
ROAD	1.49	L†	7	2.4		0.01	22	
ODD COUPLE LN	1.50	R†	19	1.2		0.03	25	
RIVER BEND ROAD	1.61	R†	18	1.2		0.03	23	
FUZZ ROAD	1.63	L†	7	2.6		0.01	22	
SLIPPERY DRIVE	1.73	L†	19	3.2		0.04	18	
ROAD	1.74	R†	22	3.6		0.04	24	
DRIVEWAY (DOXOL GAS)	1.74	L†	22	2.4		0.04	27	
ROAD	1.82	R†	21	2.6		0.04	55	
ROAD	1.83	L†	24	3.8		0.04	27	
ROAD	1.88	R†	7	2.2		0.01	14	
DRIVEWAY	1.89	L†	16	3.1	0.3	0.03		
		SUBTOTAL	9446	989.1	0.6	17.62	1187	117.74

ROADWAY QUANTITIES (CONTINUED)

LOCATION	PM		RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	IMPORTED MATERIAL (SHOULDER BACKING)	CLASS 2 AGGREGATE BASE	TACK COAT	COLD PLANE ASPHALT CONCRETE PAVEMENT	CENTERLINE RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS)
	FROM	TO	TON	TON	CY	TON	SQYD	STA
DRIVEWAY	1.96	R†	14	2.0		0.03	24	
BRADBURN LANE	1.98	L†	39	3.0		0.07	89	
DRIVEWAY	2.18	L†	6	1.9		0.01	13	
DRIVEWAY	2.22	L†	7	1.1	0.3	0.01		
DRIVEWAY (VAN DUSEN)	2.33	R†	4	0.7	0.3	0.01		
DRIVEWAY	2.35	L†	8	1.8		0.02	11	
ORCHARD PARK LANE	2.38	L†	17	2.4		0.03	18	
DRIVEWAY	2.41	L†	6	1.6		0.01	7	
DRIVEWAY	2.41	R†	6	2.0		0.01	12	
DRIVEWAY	2.43	L†	8	1.4		0.01	20	
DRIVEWAY (CHASE)	2.48	R†	4	1.1	0.3	0.01		
ROAD	2.50	L†	23	2.9		0.04	40	
DRIVEWAY (TRINITY RIVER FARM)	2.61	R†	40	2.2	2.6	0.07		
ROAD	2.65	L†	18	2.6		0.03	24	
DRIVEWAY	2.73	L†	14	1.7		0.03	29	
DRIVEWAY	2.75	R†	9	2.0		0.02	14	
DRIVEWAY	2.78	L†	18	2.8		0.03	20	
DRIVEWAY	2.89	L†	24	2.0		0.05	53	
DRIVEWAY	3.13	R†	14	1.7	0.7	0.03		
DRIVEWAY	3.17	L†	28	3.4		0.05	26	
DRIVEWAY	3.19	R†	28	1.7	1.4	0.05		
PLUMBING & Elect SUPPLY Dwy (SOUTH)	3.25	R†	22	2.4		0.04	29	
PLUMBING & Elect SUPPLY Dwy (NORTH)	3.30	R†	24	2.4		0.04	33	
DRIVEWAY	3.32	R†	24	2.3		0.04	32	
ROAD	3.41	L†	13	3.5		0.02	9	
ROAD	3.53	L†	16	4.9		0.03	15	
DRIVEWAY (3353 KNIGHTS PARK)	3.53	R†	63	6.1		0.12	85	
DRIVEWAY (RIVERDALE)	3.67	R†	19	1.9		0.04	34	
		SUBTOTAL	516	65.5	5.6	0.95	637	
		TOTAL	9962	1054.6	6.2	18.57	1824	117.74

SUMMARY OF QUANTITIES

Q-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	REVISED BY	DATE REVISED	CALCULATED-DESIGNED BY	CHECKED BY
03-DESIGN	ROBERT E. POLGAR	W. KEITH MACK / LARISA V. SASEVICH	06/25/10 / 07/19/10		

Caltrans

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
01	Hum	96	0.5/3.7	14	18

Gregory A. Balzer
LICENSED LANDSCAPE ARCHITECT

June 5, 2009
PLANS APPROVAL DATE

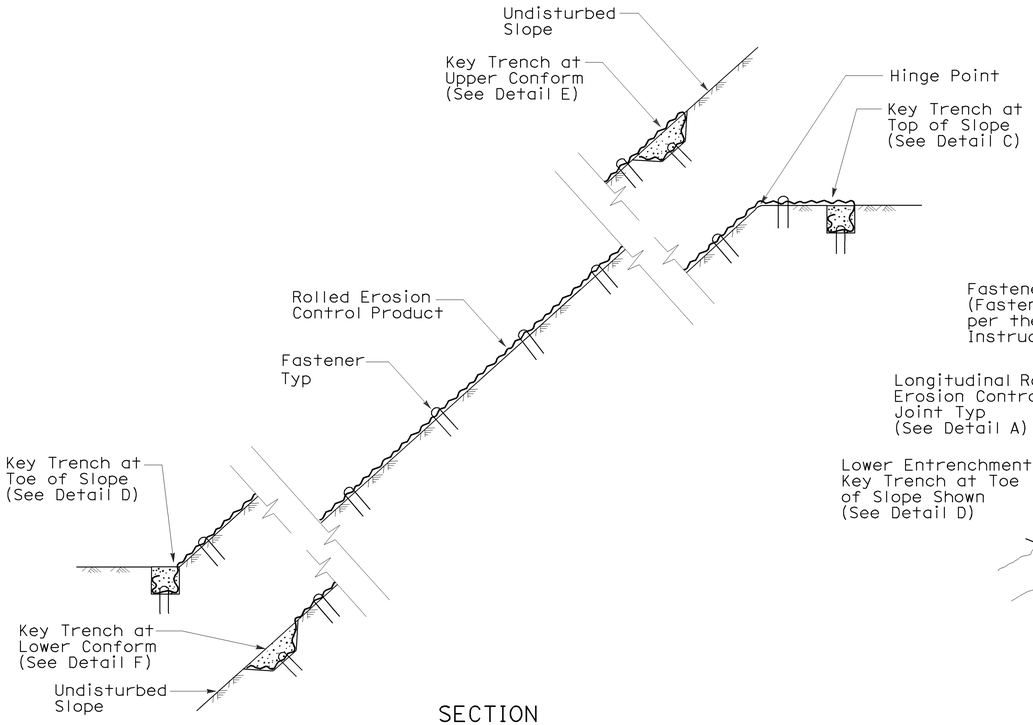
LICENSED LANDSCAPE ARCHITECT
Gregory A. Balzer 2576
Signature
2-28-11
Renewal Date
5-14-09
Date
STATE OF CALIFORNIA

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 July 19, 2010

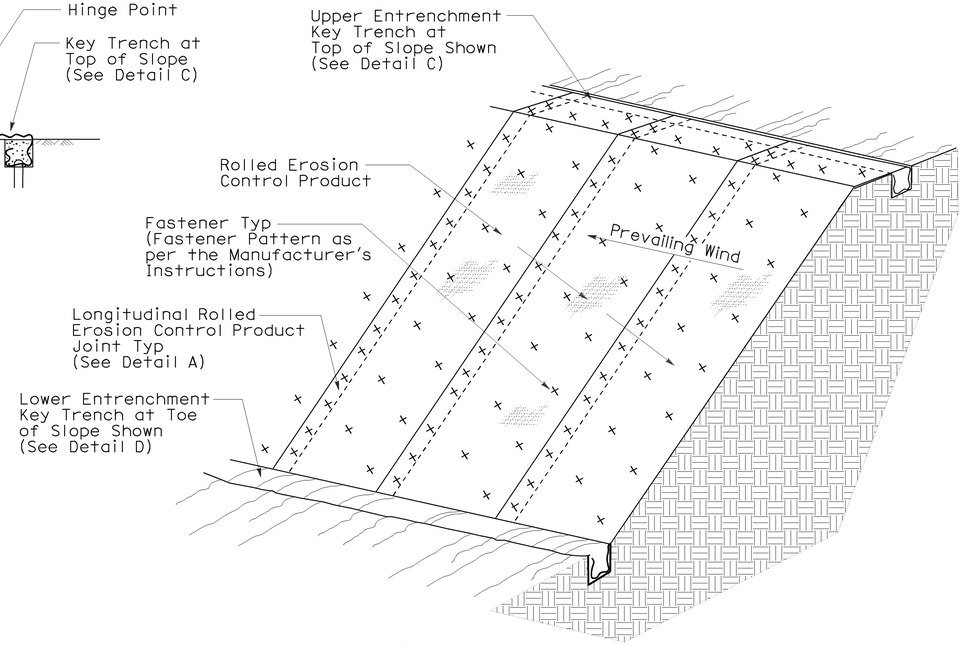
NOTE:

1. Fiber Roll/Compost Sock shown for reference purposes only.
2. If transverse rolled erosion control product joints are required on slopes, see Detail B.



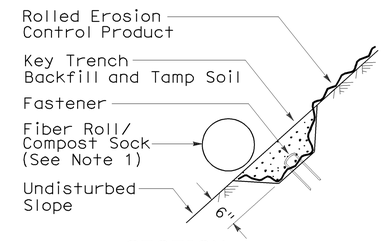
SECTION

ROLLED EROSION CONTROL PRODUCT
ON SLOPE WITH VARIOUS KEY ENTRENCHMENTS



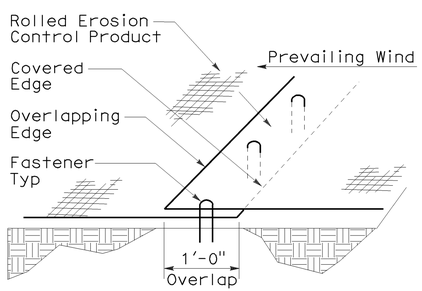
ISOMETRIC

ROLLED EROSION CONTROL PRODUCT
ON SLOPE



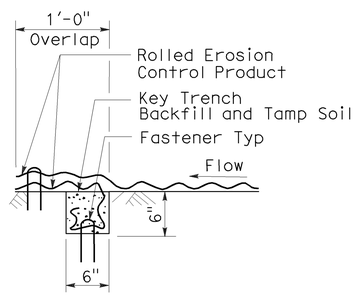
SECTION

DETAIL F
KEY TRENCH AT
LOWER CONFORM



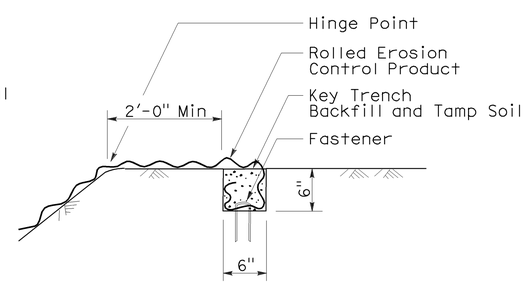
PERSPECTIVE

DETAIL A
LONGITUDINAL ROLLED EROSION
CONTROL PRODUCT JOINT



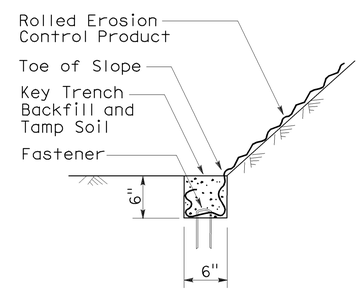
SECTION

DETAIL B
TRANSVERSE ROLLED EROSION
CONTROL PRODUCT JOINT



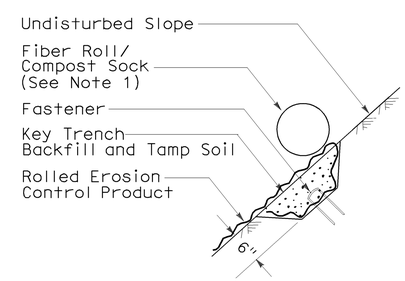
SECTION

DETAIL C
KEY TRENCH AT
TOP OF SLOPE



SECTION

DETAIL D
KEY TRENCH AT
TOE OF SLOPE



SECTION

DETAIL E
KEY TRENCH AT
UPPER CONFORM

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ROLLED EROSION CONTROL PRODUCT

NO SCALE

NSP H53 DATED JUNE 5, 2009 SUPPLEMENTS
THE STANDARD PLANS BOOK DATED MAY 2006.

NEW STANDARD PLAN NSP H53

2006 NEW STANDARD PLAN NSP H53

3-4-09

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
01	Hum	96	0.5/3.7	15	18

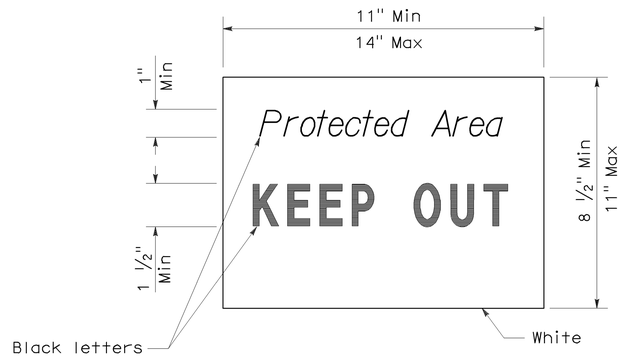
LICENSED LANDSCAPE ARCHITECT

April 3, 2009
PLANS APPROVAL DATE

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.

LICENSED LANDSCAPE ARCHITECT
Robert B. Schott 3695
Signature
11-30-10
Renewal Date
2-25-09
Date
STATE OF CALIFORNIA

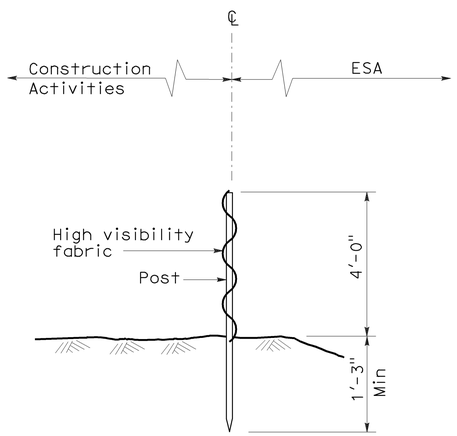
To accompany plans dated July 19, 2010



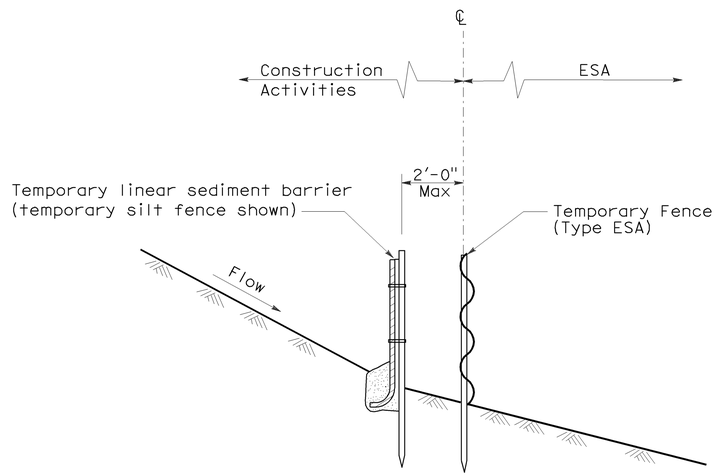
SIGN DETAIL

NOTE:

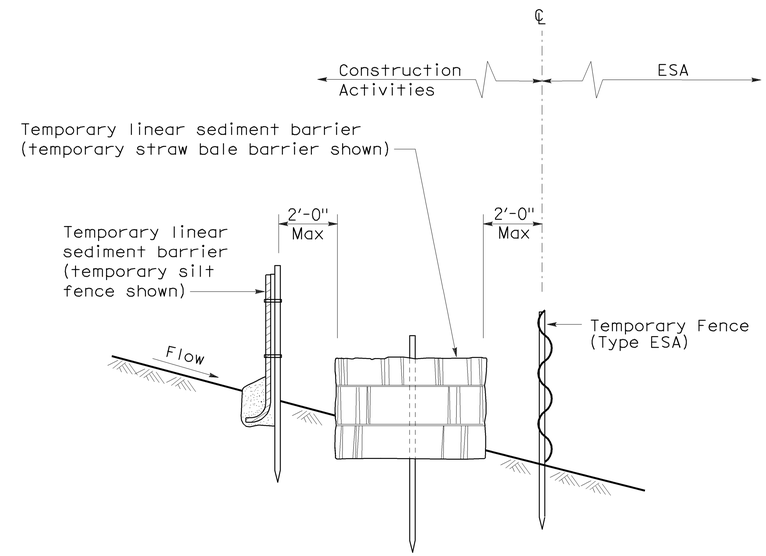
1. Temporary silt fence and temporary straw bale barrier shown for reference purposes only.



SECTION
TEMPORARY FENCE (TYPE ESA)



SECTION
PLACEMENT DETAIL
FOR TEMPORARY LINEAR SEDIMENT BARRIER
USED WITH TEMPORARY
FENCE (TYPE ESA)
(See Note 1)



SECTION
PLACEMENT DETAIL
FOR TEMPORARY SILT FENCE
AND TEMPORARY STRAW BALE BARRIER
USED WITH TEMPORARY FENCE (TYPE ESA)
(See Note 1)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY WATER POLLUTION CONTROL DETAILS [TEMPORARY FENCE (TYPE ESA)]

NO SCALE

NSP T65 DATED APRIL 3, 2009 SUPPLEMENTS
THE STANDARD PLANS BOOK DATED MAY 2006.

NEW STANDARD PLAN NSP T65

2006 NEW STANDARD PLAN NSP T65

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
01	Hum	96	0.5/3.7	16	18

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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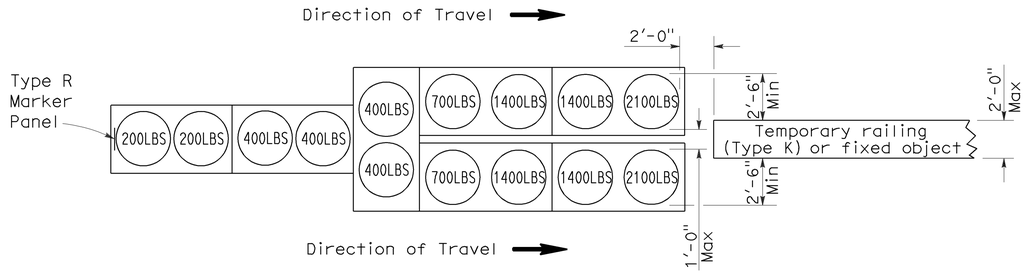
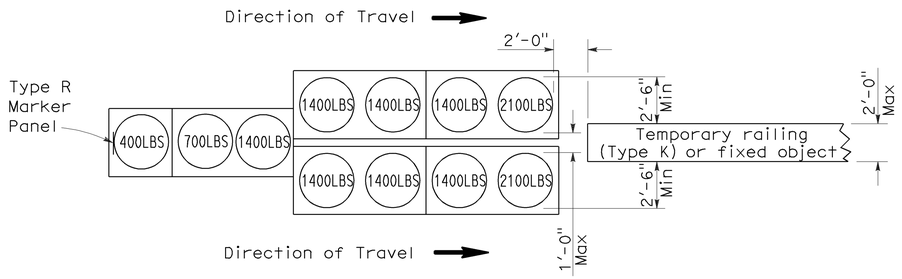
To accompany plans dated July 19, 2010



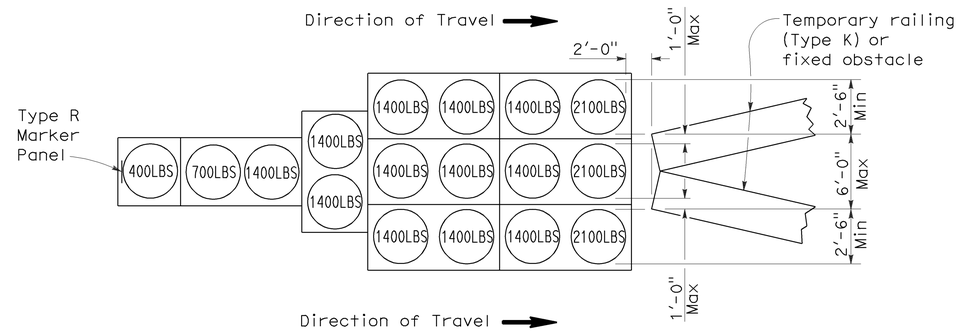
ARRAY 'TU14'

Approach speed 45 mph or more



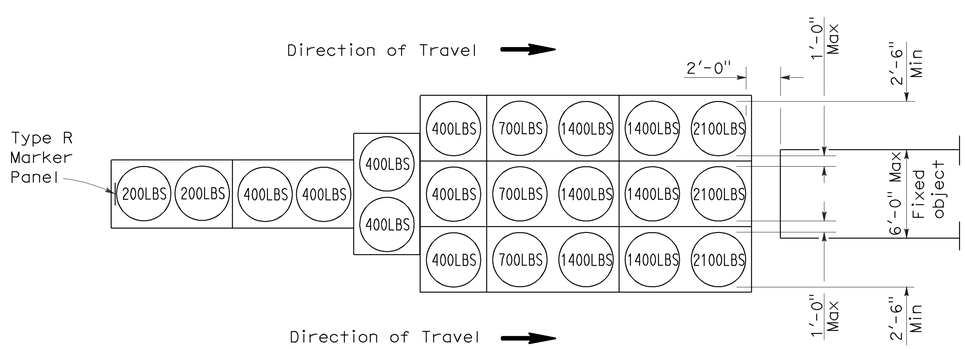
ARRAY 'TU11'

Approach speed less than 45 mph



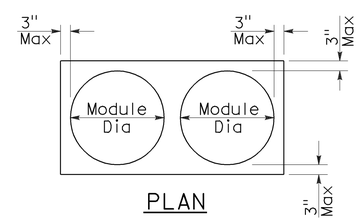
ARRAY 'TU17'

Approach speed less than 45 mph

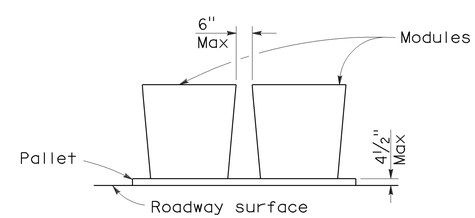


ARRAY 'TU21'

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	Hum	96	0.5/3.7	17	18

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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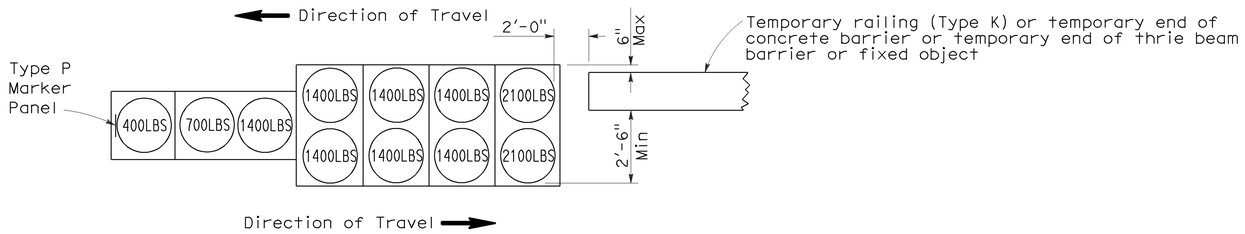
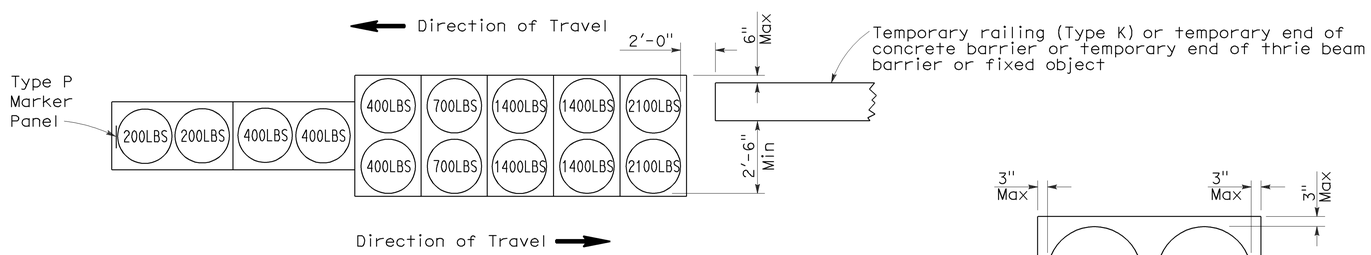
To accompany plans dated July 19, 2010



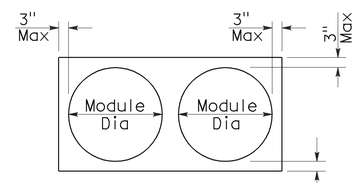
ARRAY 'TB11'

Approach speed less than 45 mph

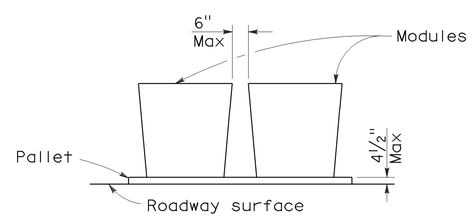


ARRAY 'TB14'

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	Hum	96	0.5/3.7	18	18

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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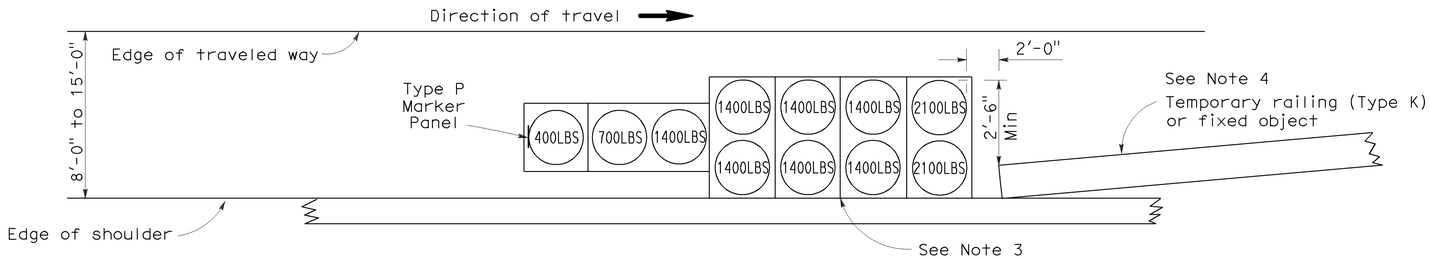
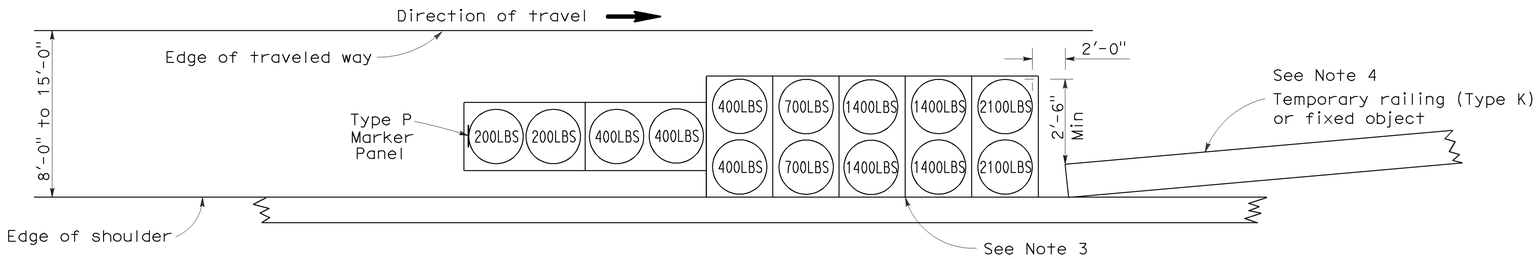
To accompany plans dated July 19, 2010



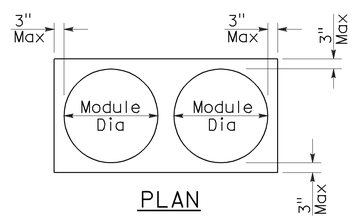
ARRAY 'TS11'

Approach speed less than 45 mph
See Note 9

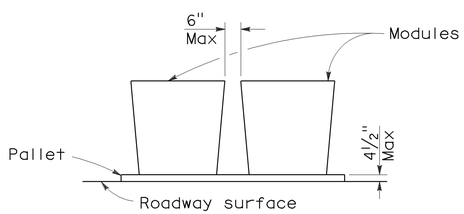


ARRAY 'TS14'

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