Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	99	12.5/24.9	1	22

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

NH-P099(537)E

PROJECT PLANS FOR CONSTRUCTION ON

STATE HIGHWAY

IN TEHAMA COUNTY AT AND NEAR LOS MOLINOS FROM LOS MOLINOS CREEK BRIDGE TO SALT CREEK BRIDGE

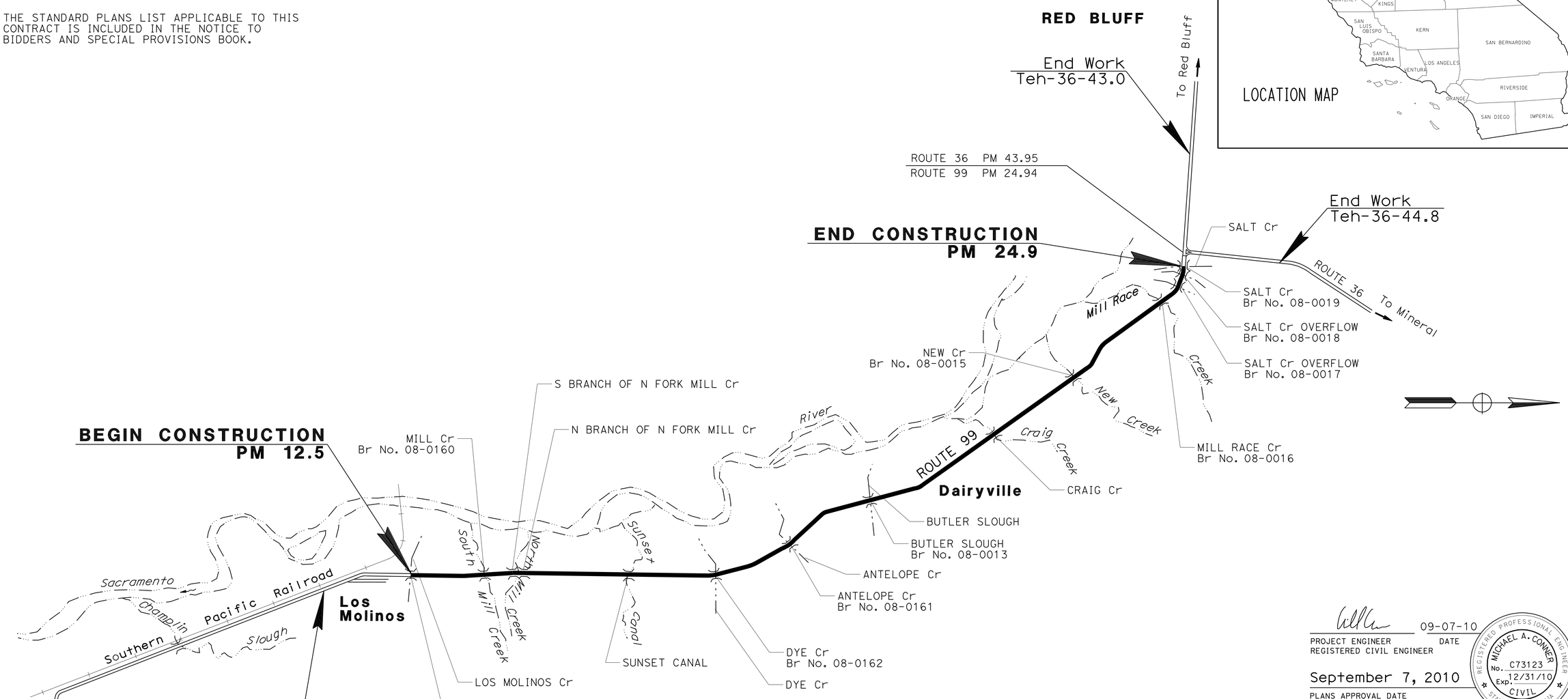
TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

INDEX OF SHEETS

SHEET No.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL CROSS SECTIONS
3-5	CONSTRUCTION DETAILS
6-7	CONSTRUCTION AREA SIGNS
8	TRAFFIC HANDLING PLAN
9-10	PAVEMENT DELINEATION DETAILS AND QUANTITIES
11	SUMMARY OF QUANTITIES
12	TRAFFIC MONITORING STATION
13-22	REVISED STANDARD PLANS

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

LOCATION MAP



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

NO SCALE

PROJECT ENGINEER — DATE: 09-07-10
REGISTERED CIVIL ENGINEER

September 7, 2010
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MICHAEL A. CONNER — No. C73123 — Exp. 12/31/10 — 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.	02-0E5304
PROJECT ID	0200000577

DESIGN ENGINEER: LANCE BROWN
PROJECT MANAGER: STEVE ROGERS

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LAST REVISION 09-07-10 — DATE PLOTTED => 29-SEP-2010 — TIME PLOTTED => 09:54

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	99	12.5/24.9	2	22

REGISTERED CIVIL ENGINEER 09-07-10 DATE

09-07-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER MICHAEL A. CONNER No. C73123 Exp. 12/31/10 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:

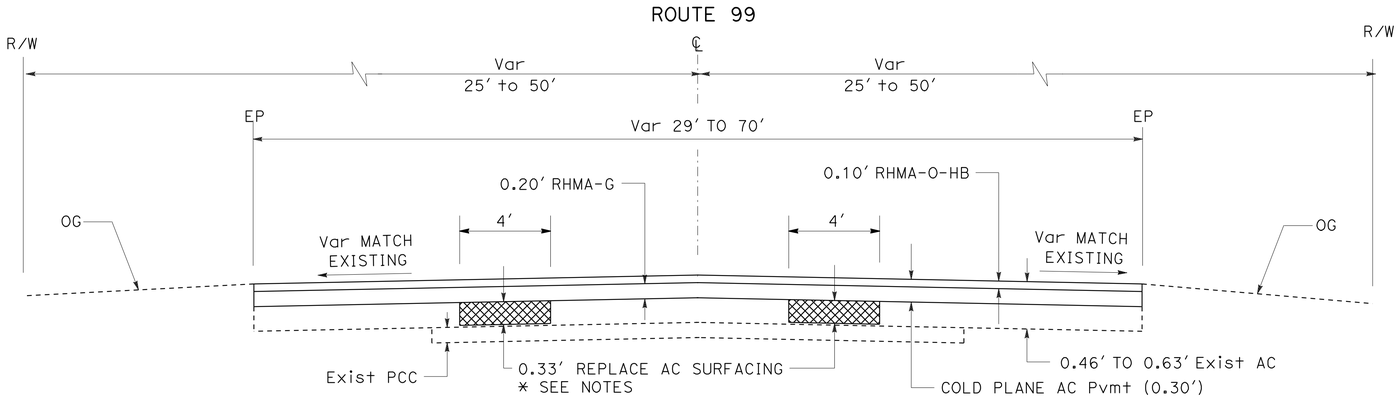
1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. SUPERELEVATIONS AS SHOWN OR AS DETERMINED BY THE ENGINEER.
3. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
4. DEPTH OF REPLACE ASPHALT CONCRETE SURFACING MAY VARY IN FLOOD PLAIN AREAS TO TOP OF EXISTING PCC OR 0.33′ MAXIMUM.
5. * EXACT LOCATIONS OF REPLACE ASPHALT CONCRETE SURFACING TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
6. NO WORK TO BE DONE BETWEEN PM 15.54-15.56 AND PM 21.10-21.17 DUE TO ANOTHER CONSTRUCTION PROJECT LOCATED WITHIN THESE PROJECT LIMITS.

LEGEND

REPLACE AC SURFACING

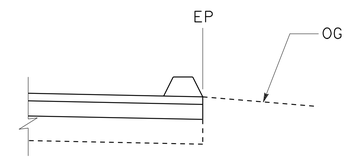
ABBREVIATIONS

RHMA-G	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)
RHMA-O-HB	RUBBERIZED HOT MIX ASPHALT (OPEN GRADED HIGH BINDER)



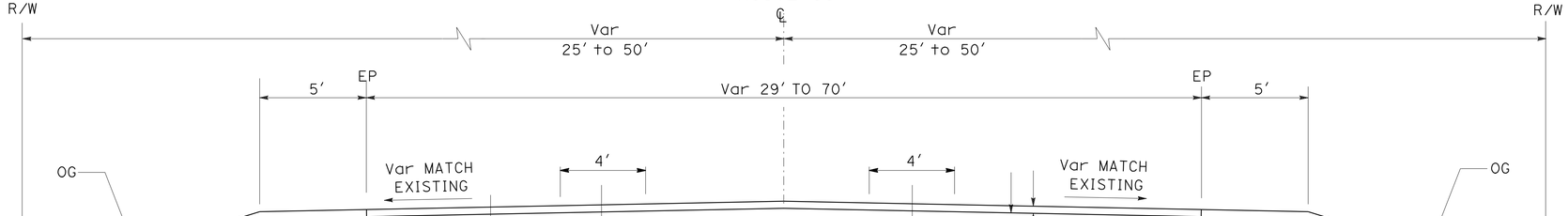
TYPICAL CROSS SECTION
(FLOOD PLAIN AREAS)

PM 24.68-24.86
PM 21.19-21.75
PM 19.50-20.00
PM 18.85-19.10
PM 18.20-18.60
PM 16.91-17.06
PM 15.58-15.65
PM 13.95-14.10

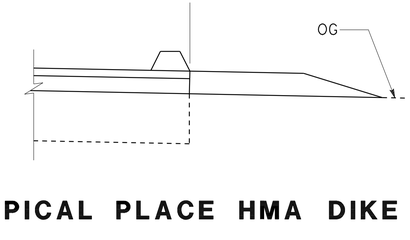


TYPICAL PLACE HMA DIKE IN COLD PLANE AREA

PM 13.90-14.03



TYPICAL CROSS SECTION
PM 12.63-24.63
(EXCEPT IN FLOOD PLAIN AREAS)



TYPICAL PLACE HMA DIKE

PM 14.63-14.68
PM 14.71-14.77
PM 23.25-23.33

TYPICAL CROSS SECTIONS

NO SCALE

X-1

REVISED BY | DATE REVISED
MICHAEL CONNER | KARLIE SMITH
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: LANCE BROWN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE ENGINEERING

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	99	12.5/24.9	3	22

REGISTERED CIVIL ENGINEER 09-07-10 DATE

09-07-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER MICHAEL A. CONNER No. C73123 Exp. 12/31/10 CIVIL STATE OF CALIFORNIA

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NOTE:

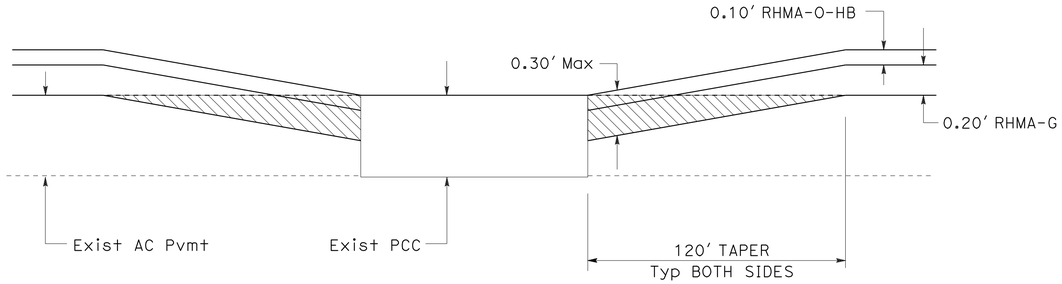
1. LECLAIR Ave IS WITHIN COLD PLANE LIMITS, SO CONFORM TAPER WILL NOT BE NECESSARY AT THIS CONNECTION.

LEGEND

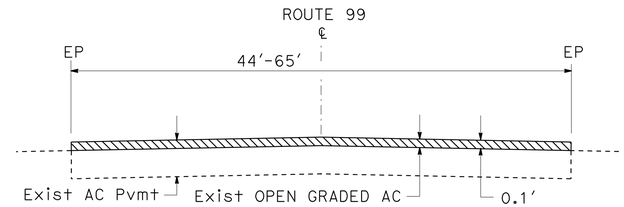
COLD PLANE AC PAVEMENT

ABBREVIATIONS

RHMA-G	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)
RHMA-O-HB	RUBBERIZED HOT MIX ASPHALT (OPEN GRADED HIGH BINDER)

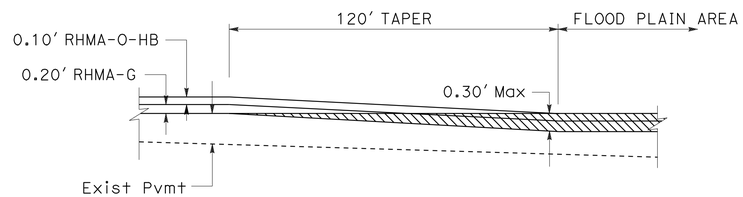


CONFORM TAPER FOR PCC VEHICLE CROSSING PM 23.45

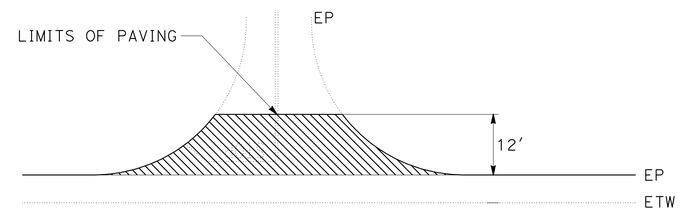


COLD PLANE Exist OPEN GRADED AC

PM 12.99 TO PM 13.33
PM 13.38 TO PM 13.58

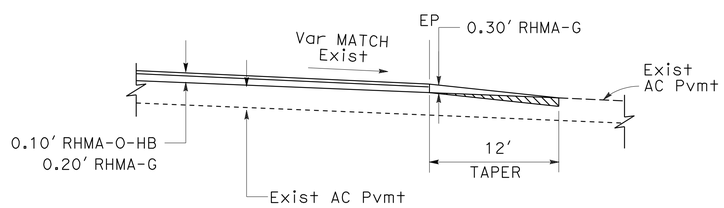


CONFORM TAPER AT FLOOD PLAIN AREAS

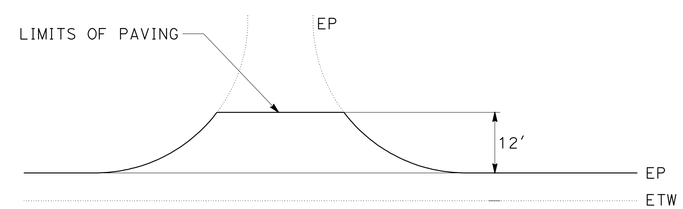


DETAIL FOR CASE A ROAD CONNECTIONS

MILL RACE Ave - Rt
BUTLER St - Lt
SIXTY SECOND Ave - Rt
LASSEN VIEW SCHOOL - Rt
LE CLAIRE Ave - Rt * SEE NOTE 1

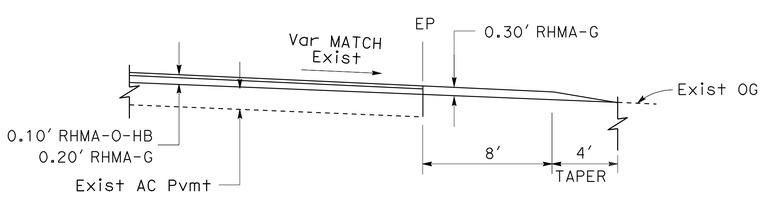


CONFORM TAPER FOR CASE A ROAD CONNECTIONS



DETAIL FOR CASE B ROAD CONNECTIONS

45 ROAD CONNECTIONS
101 PRIVATE DRIVEWAYS



CONFORM TAPER FOR CASE B ROAD CONNECTIONS

CONSTRUCTION DETAILS

NO SCALE

C-1

REVISED BY | DATE REVISED
MICHAEL CONNER | KARLIE SMITH
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR | LANCE BROWN

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	99	12.5/24.9	4	22

Roy S. Cahill 09-07-10
REGISTERED CIVIL ENGINEER DATE

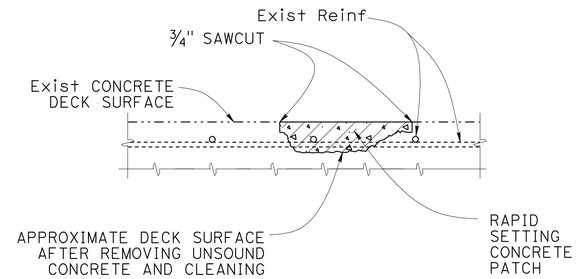
09-07-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ROY S. CAHILL No. C48876 Exp. 9-30-12 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.

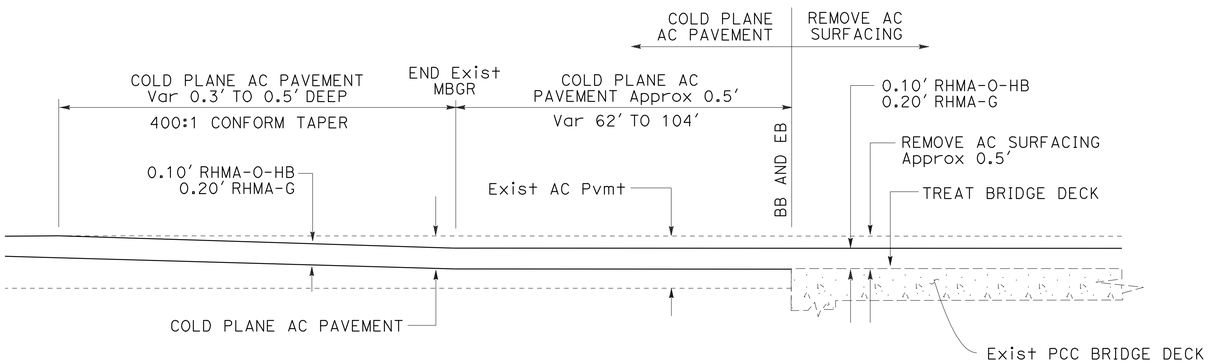
NOTES:

1. COLD PLANE AC PAVEMENT AND/OR REMOVE AC SURFACING FULL WIDTH OF AC PAVEMENT.
2. BRIDGE JOINTS NOT SHOWN. PROTECT EXISTING JOINT SEALS IN PLACE.
3. CROSS SLOPE TO MATCH EXISTING PCC BRIDGE DECK, OR AS DETERMINED BY THE ENGINEER.



DECK REPAIR DETAIL

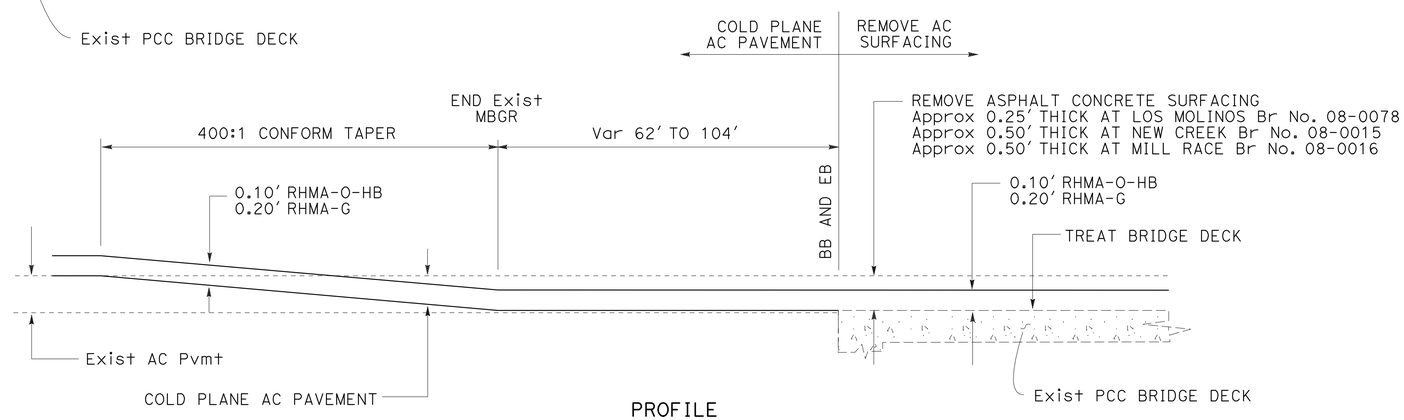
LOCATIONS TO BE DETERMINED BY THE ENGINEER.
REINFORCEMENT MAY BE ENCOUNTERED
DURING DECK CONCRETE REMOVAL.



PROFILE

MODIFY PAVEMENT TYPICAL

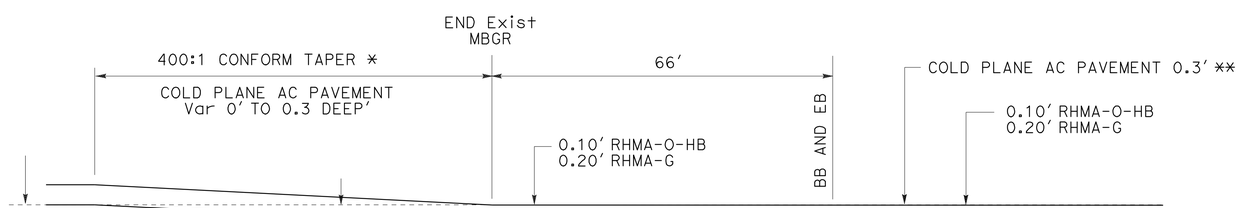
BUTLER SLOUGH Br No. 08 0013
SALT CREEK OVERFLOW Br No. 08 0018
SALT CREEK Br No. 08 0019



PROFILE

MODIFY PAVEMENT TYPICAL

LOS MOLINOS CREEK Br No. 08 0078
NEW CREEK Br No. 08 0015
MILL RACE CREEK Br No. 08 0016



PROFILE

MODIFY PAVEMENT TYPICAL

S BRANCH OF N FORK MILL CREEK Br No. 08-0008 (PM 13.96 TO 13.97)
N BRANCH OF N FORK MILL CREEK Br No. 08-0009 (PM 14.05 TO 14.06)

* NOTE: THERE IS NO CONFORM TAPER BETWEEN THE TWO BRIDGES SHOWN IN THIS DETAIL. THERE WILL BE A CONFORM TAPER AT THE BB OF Br No. 08-0008 AND THE EB OF Br No. 08-0009.

** NOTE: PRIOR TO BEGINNING COLD PLANE AC PAVEMENT, VERIFY DEPTH OF AC OVER PCC DECK. DO NOT COLD PLANE INTO PCC.

CONSTRUCTION DETAILS

NO SCALE

C-2

REVISED BY | DATE REVISED
ROY CAHILL | KARLIE SMITH
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	99	12.5/24.9	5	22

Roy S. Cahill 09-07-10
REGISTERED CIVIL ENGINEER DATE

09-07-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ROY S. CAHILL No. C48876 Exp. 9-30-12 CIVIL STATE OF CALIFORNIA

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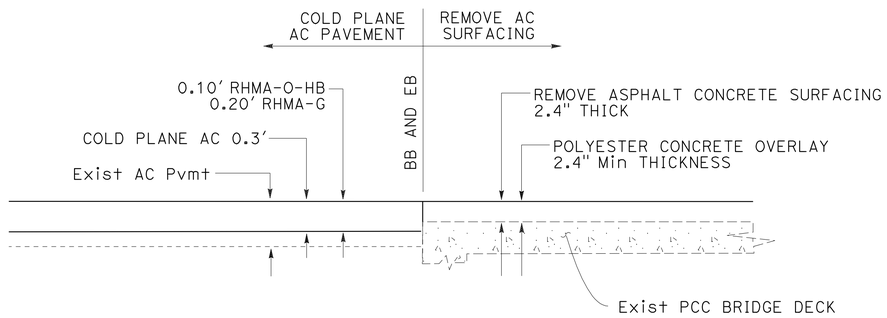
NOTES:

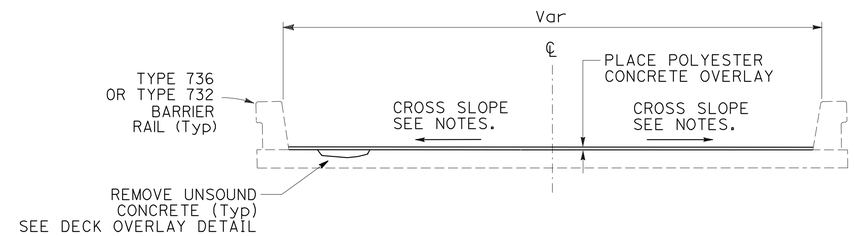
1. COLD PLANE AC PAVEMENT AND/OR REMOVE AC SURFACING FULL WIDTH OF AC PAVEMENT.
2. BRIDGE JOINTS NOT SHOWN. PROTECT EXISTING JOINT SEALS IN PLACE.
3. CROSS SLOPE TO MATCH EXISTING PCC BRIDGE DECK, OR AS DETERMINED BY THE ENGINEER.



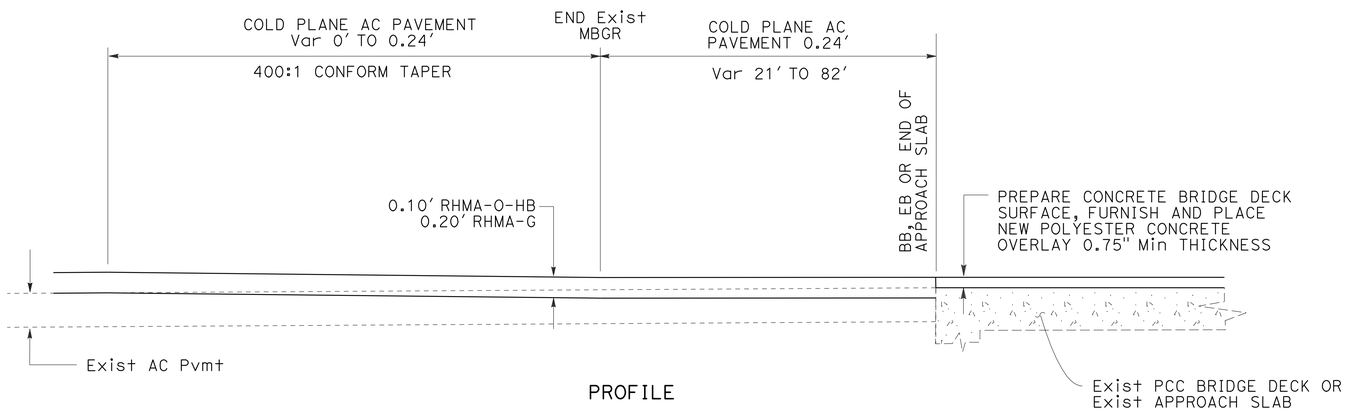
PROFILE

MODIFY PAVEMENT TYPICAL

SALT CREEK OVERFLOW Br No. 08-0017



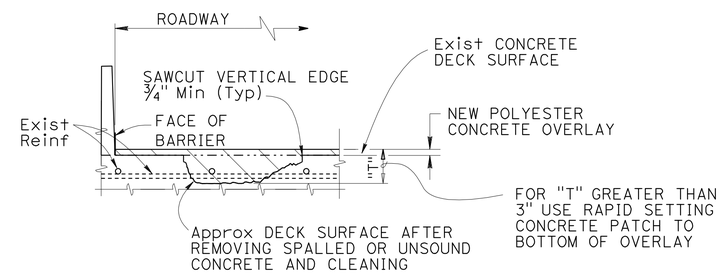
TYPICAL CROSS SECTION POLYESTER CONCRETE OVERLAY



PROFILE

MODIFY PAVEMENT TYPICAL

MILL CREEK Br No. 08-0160
DYE CREEK Br No. 08-0162
ANTELOPE CREEK Br No. 08-0161



DECK OVERLAY DETAIL

NOTE, UNSOUND CONCRETE LOCATIONS TO BE DETERMINED BY THE ENGINEER. REINFORCEMENT MAY BE ENCOUNTERED DURING DECK CONCRETE REMOVAL.

CONSTRUCTION DETAILS

NO SCALE

C-3

REVISED BY | DATE REVISED
ROY CAHILL | KARLIE SMITH
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	99	12.5/24.9	6	22

REGISTERED CIVIL ENGINEER 09-07-10 DATE

09-07-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER MICHAEL A. CONNER No. C73123 Exp. 12/31/10 CIVIL STATE OF CALIFORNIA

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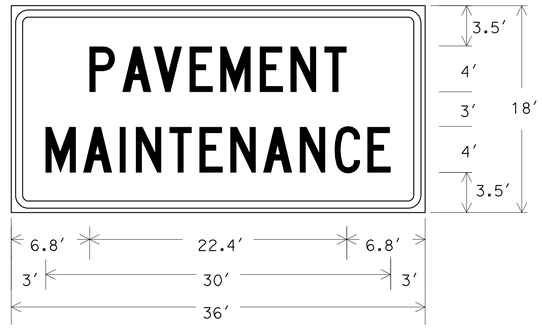
NOTES:

1. EXACT SIGN LOCATION TO BE DETERMINED BY THE ENGINEER.
2. CALIFORNIA SIGN CODES ARE DESIGNATED BY (CA), OTHERWISE, FEDERAL CODES ARE SHOWN.

LEGEND:

ONE POST STATIONARY MOUNTED SIGN

DIRECTION OF TRAVEL

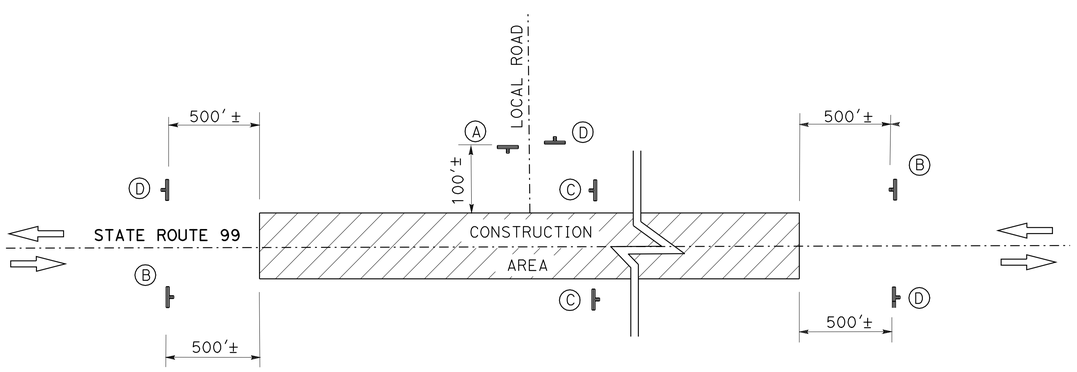


1.5" Radius, 0.6" Border, 0.4" Indent, Black on Orange;
[PAVEMENT] C;
[MAINTENANCE] C;

C23B(CA) SIGN PANEL DETAIL

CONSTRUCTION AREA SIGNS (STATIONARY MOUNTED)

TYPE	CODE	PANEL SIZE	SIGN MESSAGE	NUMBER AND SIZE OF POST	No. OF SIGNS
A	W20-1 C23B(CA)	48" x 48" 36" x 18"	ROAD WORK AHEAD PAVEMENT MAINTENANCE	1-4" x 6"	62
B	G20-1 C23B(CA)	36" x 18" 36" x 18"	ROAD WORK NEXT XX MILES PAVEMENT MAINTENANCE	1-4" x 6"	2
C	G20-1	36" x 18"	ROAD WORK NEXT XX MILES	1-4" x 4"	6
D	G20-2	36" x 36"	END ROAD WORK	1-4" x 4"	64



CONSTRUCTION AREA SIGNS (STATIONARY MOUNTED)

ROAD CONNECTIONS

PM	LOCATION
12.69	REEVES Rd - R† & L†
12.73	ROAD CONNECTION -R†
12.84	ROAD CONNECTION -R† & L†
12.92	ROAD CONNECTION - R†
13.05	MAREK Rd - L†
13.24	MILL RACE Ave - R†
13.45	BUTLER S† - L†
13.67	TAFT S† - R† & L†
14.02	FOX S† - L†
14.16	WILSON S† - R†
14.16	GRAVEL PIT Rd - L†
14.28	FIRST Ave - L†
14.52	SECOND Ave - R† & L†
14.77	THIRD Ave - R† & L†
15.02	FOURTH Ave - R† & L†
15.04	ROAD CONNECTION - L†
15.22	COLT Rd - R†
15.28	FIFTH Ave - L†
15.52	SIXTH Ave - L†
15.78	SEVENTH Ave - R† & L†
16.02	EIGHTH Ave - R† & L†
16.27	NINTH Ave - R† & L†
16.70	SIXTY FIRST Ave - L†
16.79	SIXTY SECOND Ave - R†
16.99	SIXTY THIRD Ave - L†
17.13	SIXTY FOURTH Ave - R†
17.63	SIXTY FIFTH Ave - L†
17.63	SIXTY SIXTH Ave - R†
17.81	LASSEN VIEW SCHOOL - R†
17.96	SIXTY EIGHTH Ave - R†
18.21	LE CLAIRE Ave - R† & L†
18.51	CHILDS Ave - L†
18.75	LINDY Ln - L†
19.00	JOSEPH Ave - L†
19.24	KANSAS Ave - R† & L†
19.52	KAUFFMAN Ave - R†
19.90	OKLAHOMA Ave - R† & L†
20.40	ELDRID Ave - R† & L†
20.90	ELECTRIC Ave - R† & L†
21.38	BLACKBERRY Ave - L†
21.75	BRAY Ave - R† & L†
22.25	PATTERSON Rd - L†
22.67	PUGH Ave - L†
22.96	SALT CREEK Rd - L†
23.12	CONE GROVE Rd - R†
24.41	HOGS BACK Rd - R†
24.49	PATRICIE S† - R†
24.53	ARCH S† - R†

CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

REVISED BY | DATE REVISED
MICHAEL CONNER | KARLIE SMITH
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR | LANCE BROWN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE ENGINEERING

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	99	12.5/24.9	7	22

REGISTERED CIVIL ENGINEER DATE 09-07-10

PLANS APPROVAL DATE 09-07-10

REGISTERED PROFESSIONAL ENGINEER MICHAEL A. CONNER No. C73123 Exp. 12/31/10 CIVIL STATE OF CALIFORNIA

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NOTES:

1. EXACT SIGN LOCATION TO BE DETERMINED BY THE ENGINEER.

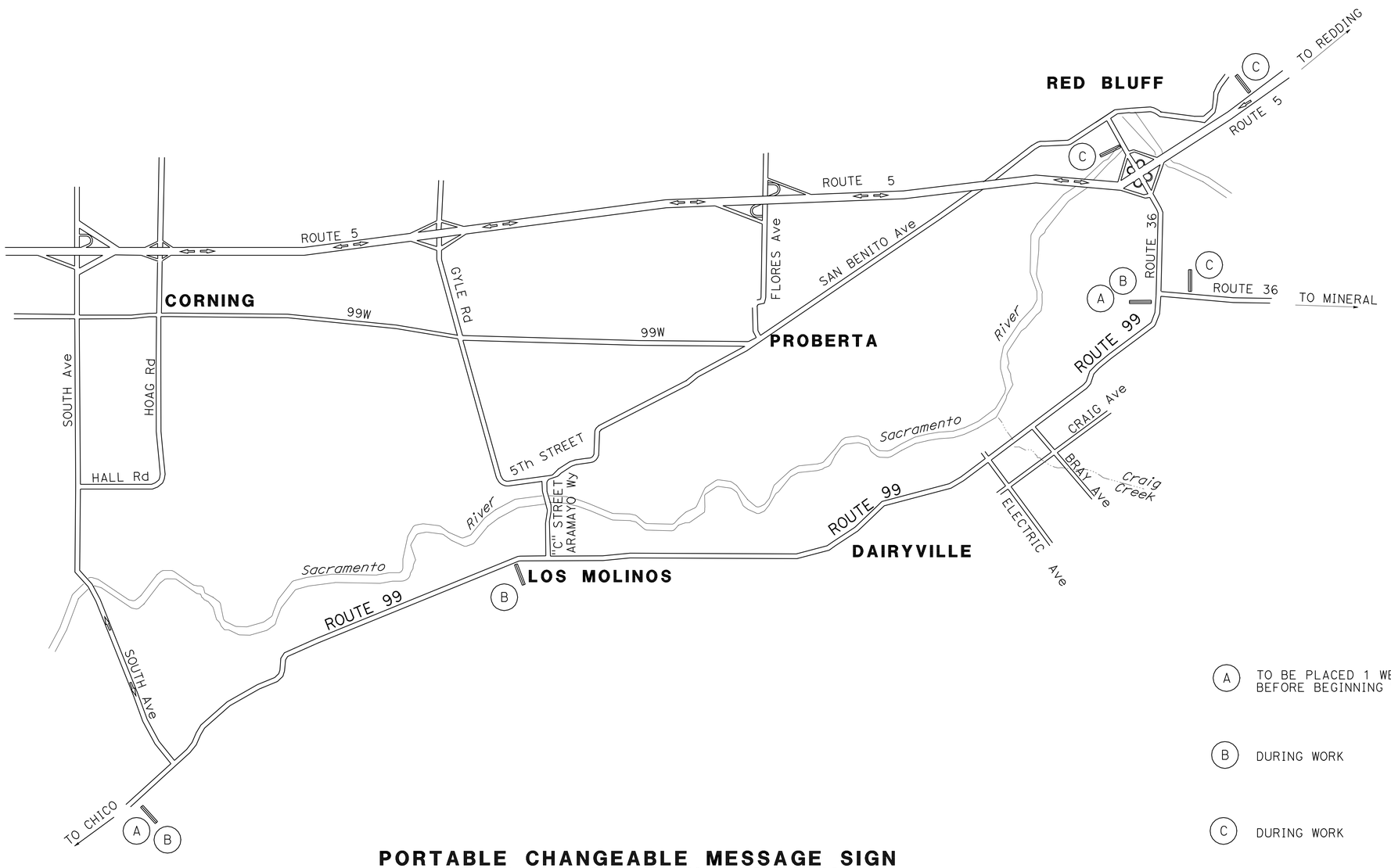
LEGEND

DIRECTION OF TRAVEL

PORTABLE CHANGEABLE MESSAGE SIGN

ABBREVIATIONS

PCMS PORTABLE CHANGEABLE MESSAGE SIGN



PCMS MESSAGE

		FRAME 1	FRAME 2
A	TO BE PLACED 1 WEEK BEFORE BEGINNING WORK	RD WORK TO BEGIN (DATE)	EXPECT 45 MIN DELAYS
B	DURING WORK	ROAD WORK AHEAD	EXPECT 45 MIN DELAYS
C	DURING WORK	ON ROUTE 99	EXPECT 45 MIN DELAYS

PORTABLE CHANGEABLE MESSAGE SIGN PUBLIC INFORMATION CAMPAIGN

CONSTRUCTION AREA SIGNS

NO SCALE

CS-2

REVISED BY | DATE REVISED

MICHAEL CONNER | KARLIE SMITH

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR: LANCE BROWN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® MAINTENANCE ENGINEERING

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LAST REVISION 09-07-10 | DATE PLOTTED => 29-SEP-2010 | TIME PLOTTED => 09:55

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	99	12.5/24.9	8	22

REGISTERED CIVIL ENGINEER 09-07-10 DATE

09-07-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER MICHAEL A. CONNER No. C73123 Exp. 12/31/10 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:

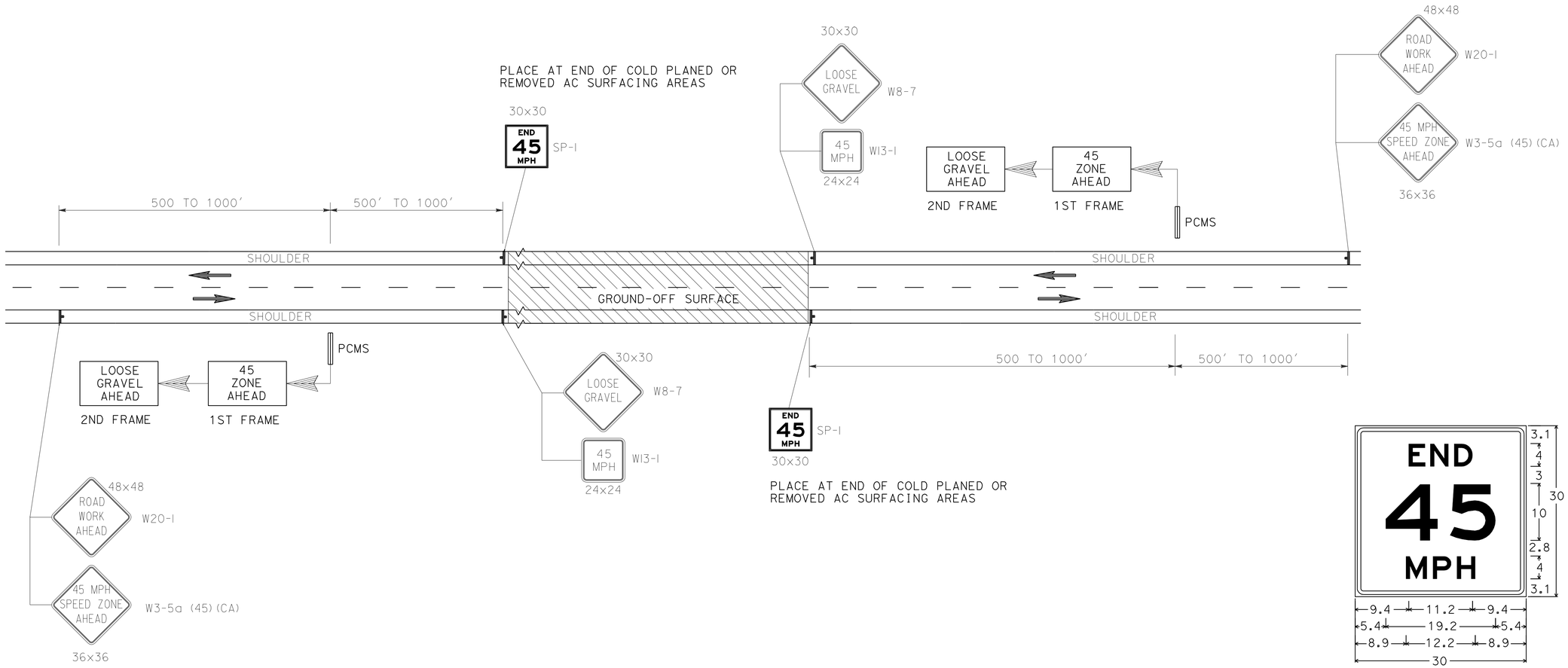
1. EXACT SIGN AND PCMS LOCATIONS TO BE DETERMINED BY ENGINEER.
2. TO BE PLACED IN ADVANCE OF LANE WITH GROUND-OFF SURFACE OPEN TO TRAFFIC.

LEGEND:

- PORTABLE SIGN
- DIRECTION OF TRAVEL
- PORTABLE CHANGEABLE MESSAGE SIGN
- GROUND-OFF SURFACE

ABBREVIATIONS:

PCMS PORTABLE CHANGEABLE MESSAGE SIGN



TYPICAL SIGNING FOR CONSTRUCTION SPEED ZONE

1.5" Radius, 0.6" Border, 0.4" Indent,
Black on Orange;
[END] E; [45] E; [MPH] E;

SIGN SP-1

TRAFFIC HANDLING PLAN

NO SCALE

TH-1

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: MICHAEL CONNER
CHECKED BY: KARLIE SMITH
FUNCTIONAL SUPERVISOR: LANCE BROWN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE ENGINEERING

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02	Teh	99	12.5/24.9	9	22

REGISTERED CIVIL ENGINEER 09-07-10 DATE

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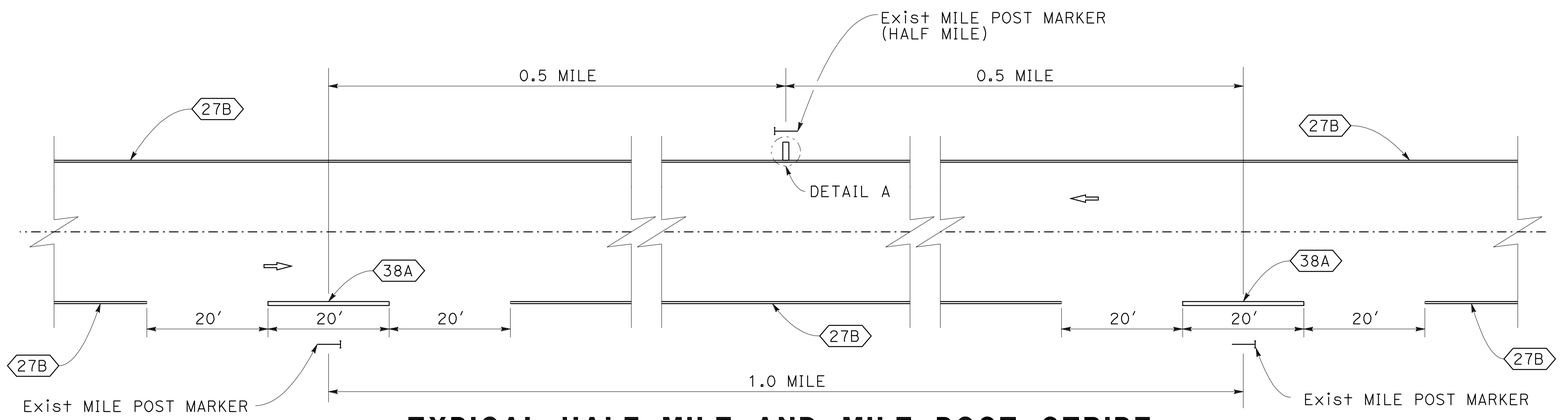
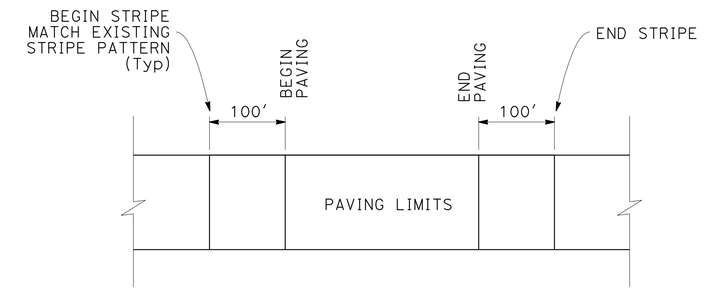
LEGEND

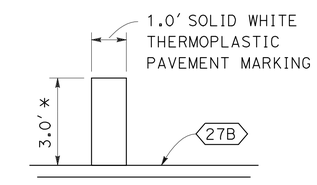
⇨ DIRECTION OF TRAFFIC



TYPICAL HALF MILE AND MILE POST STRIPE



TRAFFIC STRIPE MATCH DETAIL



DETAIL A

* ACTUAL LENGTH MAY VARY DUE TO PAVEMENT WIDTH

THERMOPLASTIC TRAFFIC STRIPE

LOCATION/ DESCRIPTION	4" THERMOPLASTIC TRAFFIC STRIPE						4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 12-3)	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)			6" THERMOPLASTIC TRAFFIC STRIPE	6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 8-4)	8" THERMOPLASTIC TRAFFIC STRIPE
UNITS	LF						LF	LF			LF	LF	LF
DETAIL/TYPE	19	22	27B	29	32	38A	27C	6	19	32	39	39A	38
12.57/24.86	7445	64,628	120,490	14,152	14,890	*	3734	14,204	7445	14,890	9399	1763	2484
TOTAL	221,605						3734	36,539			9399	1763	2484

* DETAIL 38A QUANTITIES INCLUDED IN 8" THERMOPLASTIC TRAFFIC STRIPE QUANTITY.

REMOVE THERMOPLASTIC TRAFFIC STRIPE

POST MILE	BRIDGE No.	LF
13.33	08-0160	792
16.60	08-0162	557
18.02	08-0161	591
TOTAL		1940

PAVEMENT MARKER (RETROREFLECTIVE)

POST MILE LIMITS	TYPE D	TYPE G	TYPE H
	EA	EA	EA
12.57/24.86	4999	105	312
TOTAL	5416		

PAVEMENT DELINEATION DETAILS AND QUANTITIES

NO SCALE

PDQ-1

REVISED BY | DATE REVISED
MICHAEL CONNER | KARLIE SMITH
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: LANCE BROWN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE ENGINEERING

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LAST REVISION 09-07-10 | DATE PLOTTED => 29-SEP-2010 | TIME PLOTTED => 09:55

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	99	12.5/24.9	10	22

REGISTERED CIVIL ENGINEER DATE 09-07-10

PLANS APPROVAL DATE 09-07-10

REGISTERED PROFESSIONAL ENGINEER MICHAEL A. CONNER No. C73123 Exp. 12/31/10 CIVIL STATE OF CALIFORNIA

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ABBREVIATIONS

Mid MIDDLE

THERMOPLASTIC PAVEMENT MARKING

PM	Lt	Mid	Rt	EA	SQFT	REMARKS
12.60			X	1	7.0	BIKE LANE ARROW
12.60			X	1	7.0	BIKE LANE SYMBOL
12.67		X		2	84.0	TYPE III (L) ARROW
12.68	X			1	7.0	BIKE LANE ARROW
12.68	X			1	7.0	BIKE LANE SYMBOL
12.93			X	1	7.0	BIKE LANE ARROW
12.93			X	1	7.0	BIKE LANE SYMBOL
13.04	X			1	7.0	BIKE LANE ARROW
13.04	X			1	7.0	BIKE LANE SYMBOL
13.25			X	1	7.0	BIKE LANE ARROW
13.25			X	1	7.0	BIKE LANE SYMBOL
13.44	X			1	7.0	BIKE LANE ARROW
13.44	X			1	7.0	BIKE LANE SYMBOL
12.69	X		X	2	38.0	ROAD CONNECTION LIMIT LINE
12.69	X			1	22.0	STOP
12.73			X	1	26.0	ROAD CONNECTION LIMIT LINE
12.82		X		2	84.0	TYPE III (L) ARROW
12.84	X		X	2	71.0	ROAD CONNECTION LIMIT LINE
12.92			X	1	43.0	ROAD CONNECTION LIMIT LINE
12.99		X		2	84.0	TYPE III (L) ARROW
13.05	X			1	27.0	ROAD CONNECTION LIMIT LINE
13.05	X			1	22.0	STOP
13.06		X		2	84.0	TYPE III (L) ARROW
13.24			X	1	32.0	ROAD CONNECTION LIMIT LINE
13.24			X	1	22.0	STOP
13.30		X		2	84.0	TYPE III (L) ARROW
13.34		X		2	84.0	TYPE III (L) ARROW
13.45	X			1	45.0	ROAD CONNECTION LIMIT LINE
13.45	X			1	22.0	STOP
13.67	X		X	2	64.0	ROAD CONNECTION LIMIT LINE
13.67	X		X	2	44.0	STOP
14.02	X			1	29.0	ROAD CONNECTION LIMIT LINE
14.02	X			1	22.0	STOP
14.16	X		X	2	33.0	ROAD CONNECTION LIMIT LINE
14.16	X		X	2	44.0	STOP
14.28	X			1	16.0	ROAD CONNECTION LIMIT LINE
14.28	X			1	22.0	STOP
14.52	X		X	2	28.0	ROAD CONNECTION LIMIT LINE
14.52	X		X	2	44.0	STOP
14.77	X		X	2	54.0	ROAD CONNECTION LIMIT LINE
14.77	X		X	2	44.0	STOP
15.02	X			1	32.0	ROAD CONNECTION LIMIT LINE
15.02	X			1	22.0	STOP
15.04	X			1	15.0	ROAD CONNECTION LIMIT LINE
15.04	X			1	22.0	STOP
15.22			X	1	24.0	ROAD CONNECTION LIMIT LINE
15.22			X	1	22.0	STOP
15.28	X			1	15.0	ROAD CONNECTION LIMIT LINE
15.28	X			1	22.0	STOP
15.52	X			1	16.0	ROAD CONNECTION LIMIT LINE
15.52	X			1	22.0	STOP
15.78	X		X	2	27.0	ROAD CONNECTION LIMIT LINE
15.78	X		X	2	44.0	STOP
16.02	X		X	2	33.0	ROAD CONNECTION LIMIT LINE
16.02	X		X	2	44.0	STOP
16.27	X		X	2	27.0	ROAD CONNECTION LIMIT LINE
16.27	X		X	2	44.0	STOP
16.70	X			1	32.0	ROAD CONNECTION LIMIT LINE
16.70	X			1	22.0	STOP
16.79				1	33.0	ROAD CONNECTION LIMIT LINE
16.79			X	1	22.0	STOP
16.99	X			1	18.0	ROAD CONNECTION LIMIT LINE
16.99	X			1	22.0	STOP
17.13	X		X	1	15.0	ROAD CONNECTION LIMIT LINE
17.13	X		X	1	22.0	STOP
17.63	X		X	2	53.0	ROAD CONNECTION LIMIT LINE
17.63	X		X	2	44.0	STOP
SUBTOTAL					2116.0	

THERMOPLASTIC PAVEMENT MARKING

PM	Lt	Mid	Rt	EA	SQFT	REMARKS
17.70		X		1	35.0	YELLOW SCHOOL
17.77		X		1	42.0	TYPE III (R) ARROW
17.81			X	1	38.0	ROAD CONNECTION LIMIT LINE
17.81			X	1	22.0	STOP
17.83		X		1	42.0	TYPE III (R) ARROW
17.86		X		1	42.0	TYPE III (L) ARROW
17.88		X		1	42.0	TYPE III (L) ARROW
17.94		X		2	84.0	TYPE III (L) ARROW
17.96			X	1	46.0	ROAD CONNECTION LIMIT LINE
17.96			X	1	22.0	STOP
18.02		X		1	35.0	YELLOW SCHOOL
18.02		X		1	42.0	TYPE III (L) ARROW
18.08		X		1	42.0	TYPE III (L) ARROW
18.16		X		1	42.0	TYPE III (L) ARROW
18.23		X		1	42.0	TYPE III (L) ARROW
18.21	X		X	2	54.0	ROAD CONNECTION LIMIT LINE
18.21	X		X	2	44.0	STOP
18.51	X			1	29.0	ROAD CONNECTION LIMIT LINE
18.51	X			1	22.0	STOP
18.75	X			1	17.0	ROAD CONNECTION LIMIT LINE
18.75	X			1	22.0	STOP
19.00	X			1	18.0	ROAD CONNECTION LIMIT LINE
19.00	X			1	22.0	STOP
19.24	X		X	2	37.0	ROAD CONNECTION LIMIT LINE
19.24	X		X	2	44.0	STOP
19.52			X	1	29.0	ROAD CONNECTION LIMIT LINE
19.52			X	1	22.0	STOP
19.54		X		1	42.0	TYPE III (L) ARROW
19.56		X		1	42.0	TYPE III (L) ARROW
19.58		X		1	42.0	TYPE III (L) ARROW
19.58		X		1	42.0	TYPE III (L) ARROW
19.65		X		1	42.0	TYPE III (L) ARROW
19.72		X		1	42.0	TYPE III (L) ARROW
19.73		X		1	42.0	TYPE III (L) ARROW
19.89		X		1	42.0	TYPE III (L) ARROW
19.90	X		X	2	39.0	ROAD CONNECTION LIMIT LINE
19.90	X		X	2	44.0	STOP
20.40	X		X	2	45.0	ROAD CONNECTION LIMIT LINE
20.40	X		X	2	44.0	STOP
20.88		X		1	42.0	TYPE III (L) ARROW
20.89		X		1	42.0	TYPE III (L) ARROW
20.90	X		X	2	51.0	ROAD CONNECTION LIMIT LINE
20.90	X		X	2	44.0	STOP
20.97		X		1	42.0	TYPE III (L) ARROW
20.97		X		1	42.0	TYPE III (R) ARROW
21.38	X			1	21.0	ROAD CONNECTION LIMIT LINE
21.38	X			1	22.0	STOP
21.75	X		X	2	35.0	ROAD CONNECTION LIMIT LINE
21.75	X		X	2	44.0	STOP
22.25	X			1	24.0	ROAD CONNECTION LIMIT LINE
22.25	X			1	22.0	STOP
22.67	X			1	24.0	ROAD CONNECTION LIMIT LINE
22.67	X			1	22.0	STOP
22.96	X			1	21.0	ROAD CONNECTION LIMIT LINE
22.96	X			1	22.0	STOP
23.12			X	1	27.0	ROAD CONNECTION LIMIT LINE
23.12			X	1	22.0	STOP
24.41			X	1	31.0	ROAD CONNECTION LIMIT LINE
24.41			X	1	22.0	STOP
24.45		X		2	84.0	TYPE III (L) ARROW
24.47		X		1	42.0	TYPE III (L) ARROW
24.49			X	1	39.0	ROAD CONNECTION LIMIT LINE
24.49			X	1	22.0	STOP
24.53			X	1	30.0	ROAD CONNECTION LIMIT LINE
24.53			X	1	22.0	STOP
SUBTOTAL					2347.0	

THERMOPLASTIC PAVEMENT MARKING

PM	Lt	Mid	Rt	EA	SQFT	REMARKS
13.5	X				3	DETAIL A
14.5	X				3	DETAIL A
15.5	X				3	DETAIL A
16.5	X				3	DETAIL A
17.5	X				3	DETAIL A
18.5	X				3	DETAIL A
19.5	X				3	DETAIL A
20.5	X				3	DETAIL A
21.5	X				3	DETAIL A
22.5	X				3	DETAIL A
23.5	X				3	DETAIL A
24.5	X				3	DETAIL A
TOTAL					4499.0	

REMOVE THERMOPLASTIC PAVEMENT MARKING

PM	Lt	Mid	Rt	EA	SQFT	REMARKS
12.67		X		2	84.0	TYPE III (L) ARROW
12.82		X		2	84.0	TYPE III (L) ARROW
12.99		X		2	84.0	TYPE III (L) ARROW
13.06		X		2	84.0	TYPE III (L) ARROW
13.30		X		2	84.0	TYPE III (L) ARROW
13.34		X		2	84.0	TYPE III (L) ARROW
17.70		X		1	35.0	SCHOOL (YELLOW)
17.77		X		1	42.0	TYPE III (R) ARROW
17.83		X		1	42.0	TYPE III (R) ARROW
17.86		X		1	42.0	TYPE III (L) ARROW
17.88		X		1	42.0	TYPE III (L) ARROW
17.94		X		2	84.0	TYPE III (L) ARROW
18.02		X		1	35.0	SCHOOL (YELLOW)
18.02		X		1	42.0	TYPE III (L) ARROW
18.08		X		1	42.0	TYPE III (L) ARROW
18.16		X		1	42.0	TYPE III (L) ARROW
18.23		X		1	42.0	TYPE III (L) ARROW
19.54		X		1	42.0	TYPE III (L) ARROW
19.56		X		1	42.0	TYPE III (L) ARROW
19.58		X		1	42.0	TYPE III (L) ARROW
19.58		X		1	42.0	TYPE III (L) ARROW
19.65		X		1	42.0	TYPE III (L) ARROW
19.72		X		1	42.0	TYPE III (L) ARROW
19.73		X		1	42.0	TYPE III (L) ARROW
19.89		X		1	42.0	TYPE III (L) ARROW
20.88		X		1	42.0	TYPE III (L) ARROW
20.89		X		1	42.0	TYPE III (L) ARROW
20.97		X		1	42.0	TYPE III (L) ARROW
20.97		X		1	42.0	TYPE III (R) ARROW
24.45		X		2	84.0	TYPE III (L) ARROW
24.47		X		1	42.0	TYPE III (L) ARROW
TOTAL					1624.0	

PAVEMENT DELINEATION QUANTITIES

PDQ-2

REVISED BY | DATE REVISED

MICHAEL CONNER | KARLIE SMITH

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR

LANCE BROWN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

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09-07-10

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	99	12.5/24.9	11	22

REGISTERED CIVIL ENGINEER 09-07-10 DATE

09-07-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER MICHAEL A. CONNER No. C73123 Exp. 12/31/10 CIVIL STATE OF CALIFORNIA

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NOTES:
1. (N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY
2. * EXACT LOCATIONS OF REPLACE ASPHALT CONCRETE SURFACING TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
3. THE DECK LENGTH SHOWN FOR DYE Cr Br No. 08-0162 AND ANTELOPE Cr Br No. 08-0161 INCLUDE 30' OF PCC APPROACH SLAB AT BOTH THE BB AND THE EB.
4. ROADWAY QUANTITIES TABLE AND COLD PLANE AC PAVEMENT TABLE INCLUDES WORK FOR BRIDGE No. 08-0008 AND BRIDGE No. 08-0009.

ROADWAY QUANTITIES

POST MILE LIMITS	(N) LENGTH	(N) WIDTH	RHMA-G	RHMA-O-HB	MINOR HOT MIX ASPHALT	IMPORTED MATERIAL (SHOULDER BACKING)	TACK COAT
PM - PM	LF	LF	TON	TON	TON	TON	TON
12.57-12.99	2217.6	54-54					
12.99-13.31	1689.6	54-65					
13.31-13.33	105.6	65-56					
13.38-13.40	105.6	56-53					
13.40-13.59	1003.2	53-44					
13.59-14.00	2164.8	44-41					
14.00-14.90	4752.0	41-40					
14.90-15.54	3379.2	40-41					
15.58-16.00	2217.6	41-40					
16.00-16.60	3168.0	40-42					
16.62-16.72	528.0	42-43					
16.72-17.67	5016.0	43-45					
17.67-17.72	264.0	45-44					
17.72-17.76	211.2	44-56					
17.76-17.80	211.2	56-53					
17.80-17.90	528.0	53-53					
17.90-18.02	633.6	53-54					
18.04-18.25	1108.8	54-60					
18.25-18.52	1425.6	60-49	44,333	22,167		20,368	186
18.52-19.56	5491.2	49-51					
19.56-20.03	2481.6	51-42					
20.03-20.78	3960.0	42-51					
20.78-20.91	686.4	51-61					
20.91-20.95	211.2	61-70					
20.95-21.10	792.0	70-42					
21.19-21.80	3220.8	42-42					
21.80-23.18	7286.4	42-41					
23.18-24.00	4329.6	41-42					
24.00-24.34	1795.2	42-42					
24.34-24.45	580.8	42-52					
24.45-24.70	1320.0	52-38					
24.70-24.77	369.6	38-32					
24.77-24.78	52.8	32-29					
24.78-24.86	422.4	29-29					
ROAD CONNECTIONS/PRIVATE DRIVEWAYS			1684				
HMA DIKE					23		
TOTAL			46,040	22,167	23	20,368	186

REPLACE ASPHALT CONCRETE SURFACING

POST MILE LIMITS*	DIRECTION	Approx No. OF DIGOUTS	(N) Appox LENGTH	(N) DEPTH	(N) WIDTH	QUANTITY
PM - PM			LF	LF	LF	CY
12.57-15.00	NB AND SB	150	100	0.33	4	760
15.00-20.00	NB AND SB	315	100	0.33	4	1565
20.00-24.86	NB AND SB	310	100	0.33	4	1520
TOTAL						3845

COLD PLANE ASPHALT CONCRETE PAVEMENT

POST MILE	(N) LENGTH	(N) WIDTH	AREA	REMARKS
	LF	LF	SQYD	
12.57-12.59	106	54	634	CONFORM AT Br No. 08-0078
12.60-12.63	158	54	951	CONFORM AT Br No. 08-0078
12.99-13.31	1690	65	12,203	REMOVE EXISTING OPEN GRADE LAYER
13.31-13.33	106	53	622.0	REMOVE EXISTING OPEN GRADE LAYER
13.38-13.58	1056	50	5867.0	REMOVE EXISTING OPEN GRADE LAYER
13.24	12	92	123	ROAD CONNECTION CONFORM
13.45	12	148	198	ROAD CONNECTION CONFORM
13.93-14.12	1003	41	4571	CONFORM EXISTING FLOOD PLAIN AREA
15.56-15.67	581	41	2646	CONFORM EXISTING FLOOD PLAIN AREA
16.57-16.60	158	42	740	CONFORM AT Br No. 08-0162
16.62-16.65	158	42	740	CONFORM AT Br No. 08-0162
16.79	12	89	119	ROAD CONNECTION CONFORM
16.89-17.08	1003	43	4794	CONFORM EXISTING FLOOD PLAIN AREA
17.81	12	66	88	ROAD CONNECTION CONFORM
17.99-18.02	158	54	951	CONFORM AT Br No. 08-0161
18.04-18.07	158	54	951	CONFORM AT Br No. 08-0161
18.18-18.62	2323	49	12,649	CONFORM EXISTING FLOOD PLAIN AREA
18.21			88.0	CONFORM AT LE CLAIR
18.83-19.12	1531	50	8507	CONFORM EXISTING FLOOD PLAIN AREA
19.48-19.54	317	46	1620	CONFORM EXISTING FLOOD PLAIN AREA
19.56-20.02	2429	46	12,414	CONFORM EXISTING FLOOD PLAIN AREA
21.17-21.77	3168	42	14,784	CONFORM EXISTING FLOOD PLAIN AREA
22.51-22.54	158	42	740	CONFORM AT Br No. 08-0015
22.56-22.59	158	42	740	CONFORM AT Br No. 08-0015
23.43	120	42	560	CONFORM AT PCC VEHICLE CROSSING
23.45	120	42	560	CONFORM AT PCC VEHICLE CROSSING
24.10-24.13	158	42	740	CONFORM AT Br No. 08-0016
24.15-24.18	158	42	740	CONFORM AT Br No. 08-0016
24.63-24.66	158	32	564	CONFORM AT Br No. 08-0017
24.68-24.78	528	29	1702	CONFORM BETWEEN TWO BRIDGES
24.81-24.84	158	29	511	CONFORM BETWEEN TWO BRIDGES
24.86-24.90	211	29	681	CONFORM AT Br No. 08-0019 END
TOTAL			93,798	

PLACE HMA DIKE (TYPE F)

POST MILE LIMITS	QUANTITY
PM - PM	LF
13.90-14.03	687
14.63-14.68	264
14.71-14.77	317
23.25-23.33	422
TOTAL	1690

BRIDGE WORK QUANTITIES

PM-PM	BRIDGE NUMBER	BRIDGE NAME	(N) DECK LENGTH (NOTE 3)	(N) DECK WIDTH	REMOVE AC SURFACING	REMOVE UNSOUND CONCRETE	PREPARE CONCRETE BRIDGE DECK SURFACE	CLEAN BRIDGE DECK	RAPID SETTING CONCRETE (PATCH)	FURNISH POLYESTER CONCRETE OVERLAY	PLACE POLYESTER CONCRETE OVERLAY	TREAT BRIDGE DECK	FURNISH BRIDGE DECK TREATMENT MATERIAL
			LF	LF	SQFT	CF	SQFT	SQFT	CF	CF	SQFT	SQFT	GAL
12.59-12.60	08-0078	LOS MOLINOS CREEK	44.9	40.0	1799	22		1799	22			1799	20
13.33-13.38	08-0160	MILL CREEK	264.1	53.6		35	14,152		35	1061	14,152		
16.60-16.62	08-0162	DYE CREEK	185.7	39.4		18	7312		18	548	7312		
18.02-18.04	08-0161	ANTELOPE CREEK	196.9	51.2		25	10,076		25	756	10,076		
19.54-19.56	08-0013	BUTLER SLOUGH	120.1	51.2	6148	77		6148	77			6148	68
22.54-22.56	08-0015	NEW CREEK	89.9	40.0	3599	45		3599	45			3599	40
24.13-24.15	08-0016	MILL RACE	88.9	39.7	3530	44		3530	44			3530	39
24.66-24.68	08-0017	SALT CREEK OVERFLOW	89.9	30.2	2714	34	2714		34	651	2714		
24.78-24.81	08-0018	SALT CREEK OVERFLOW	149.9	30.2	4526	57		4526	57			4526	50
24.84-24.86	08-0019	SALT CREEK	104.0	30.2	3139	39		3139	39			3139	35
				TOTAL	25,455	396	34,254	22,741	396	3016	34,254	22,741	252

SUMMARY OF QUANTITIES
Q-1

REVISED BY | DATE REVISED
MICHAEL CONNER | KARLIE SMITH
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR | LANCE BROWN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE ENGINEERING

P:\proj2\02\0E530_plans\pse\REVISIONS 09-07-10\20E530pa001.dgn

LAST REVISION 09-07-10 | DATE PLOTTED => 29-SEP-2010 | TIME PLOTTED => 09:55

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	99	12.5/24.9	12	22

REGISTERED ELECTRICAL ENGINEER 09-07-10

09-07-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER A.P. ROBLES No. E15293 Exp. 3-31-11 ELECTRICAL 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.

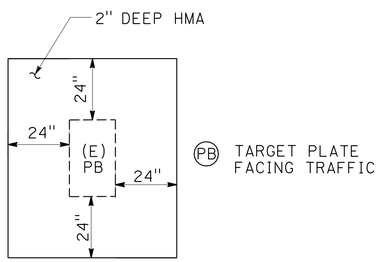
NOTES (THIS SHEET):

1. Exist CONDUIT, REMOVE Exist LOOP CONDUCTORS. ADD LOOP CONDUCTORS FOR NEW LOOPS.
2. COIL 10' OF NEW LOOP CONDUCTORS IN PULL BOX.
3. EXACT LOCATION TO BE DETERMINED BY THE ENGINEER.

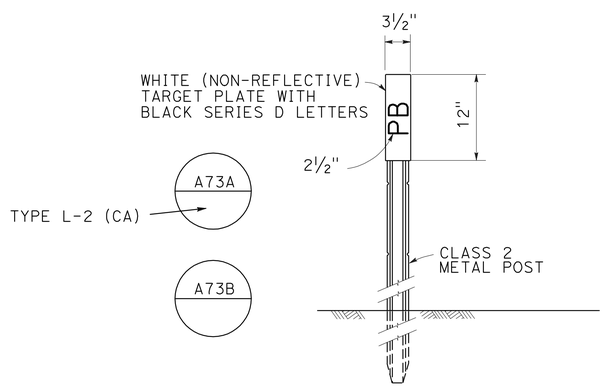
LEGEND:

(PB) OBJECT MARKER (TYPE PB) AND PULL BOX PAVING

⇨ DIRECTION OF TRAVEL

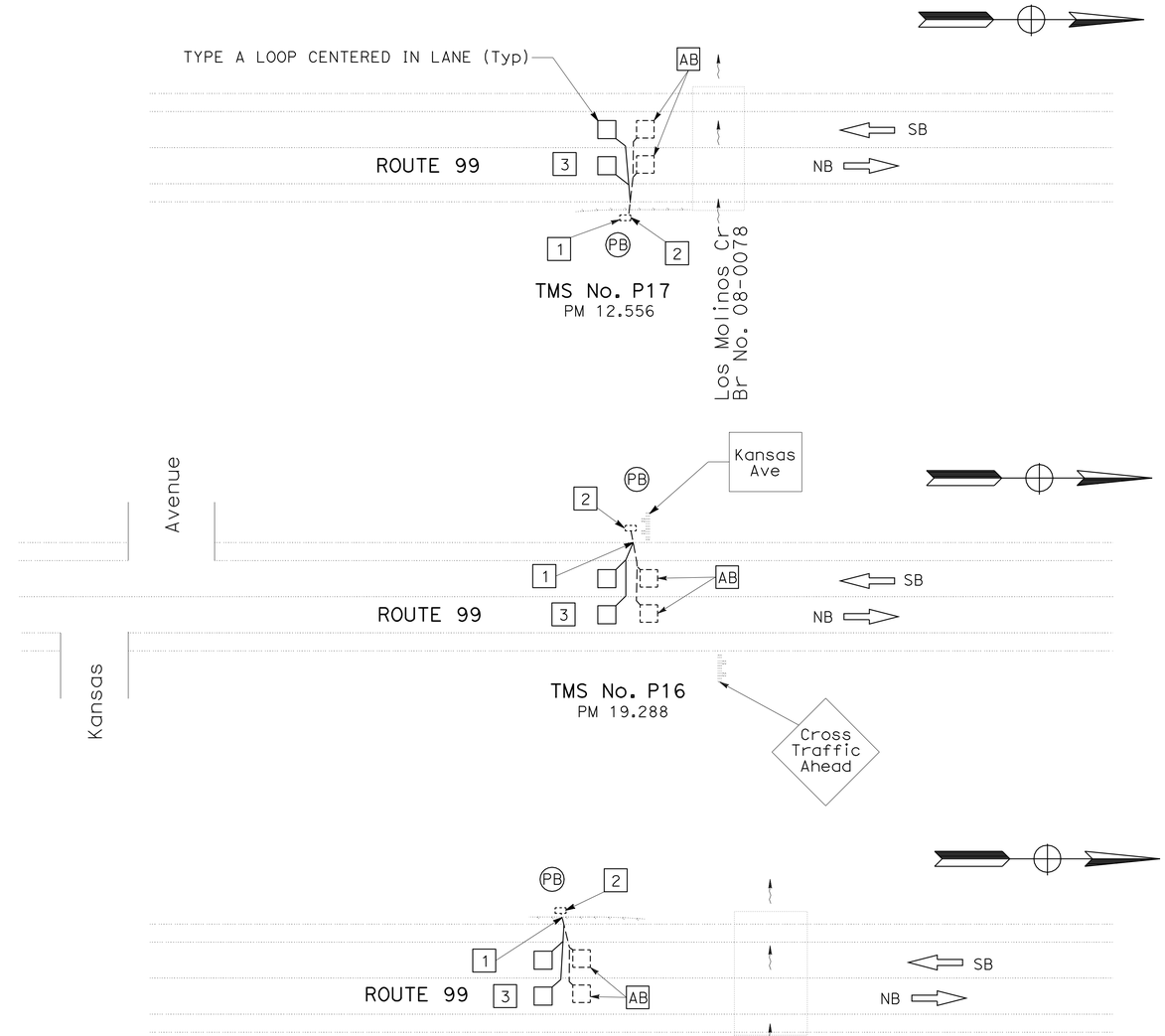


PULL BOX PAVING
NO SCALE



NOTE: MARKERS SHALL COMPLY WITH TYPE L-2 MODIFIED WITH A SNOW POLE BRACKET. PLACE MARKER 2" OUTSIDE PULL BOX PAVING ON SIDE AWAY FROM TRAFFIC. SEE PULL BOX PAVING DETAIL.

OBJECT MARKER (TYPE PB)
NO SCALE



TRAFFIC MONITORING STATION
NO SCALE

E-1

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY

REVISED BY	DATE REVISED
ARTURO ROBLES	KAREN CARMO
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	ROB STINGER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN

P:\proj2\02\0E530_plans\pse\REVISIONS 09-07-10\20e530ua001.dgn

LAST REVISION 09-07-10
DATE PLOTTED => 29-SEP-2010
TIME PLOTTED => 09:56

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Tehama	99	12.5/24.9	13	22

REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Donald E. Howe No. C46402 Exp. 3-31-09 CIVIL STATE OF CALIFORNIA

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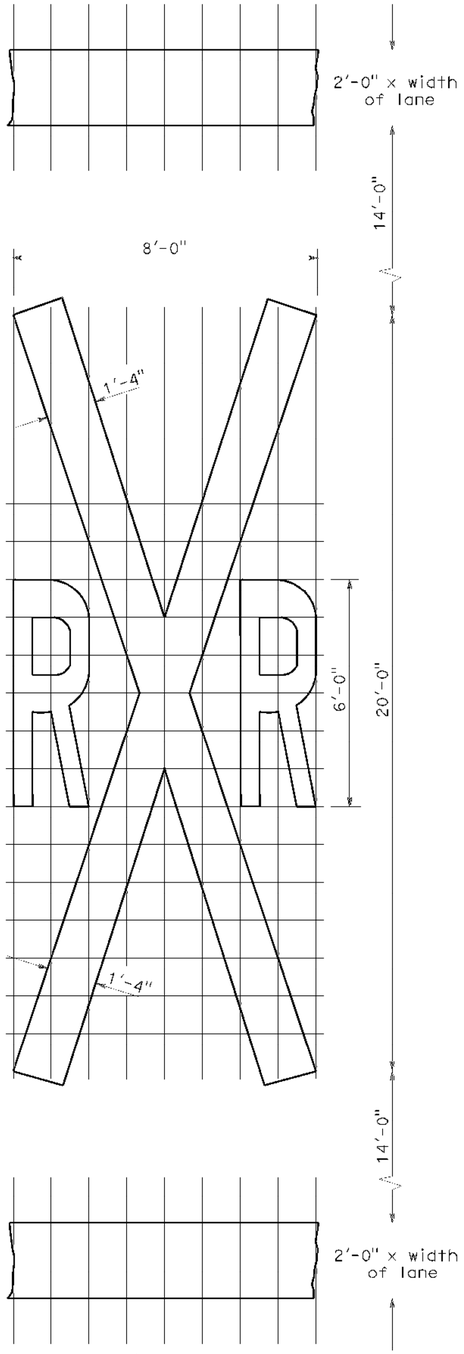
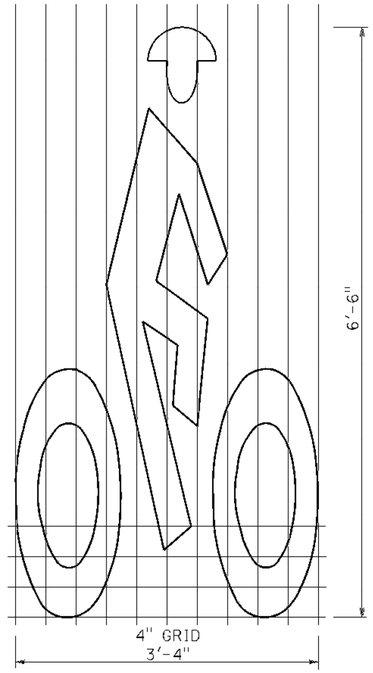
To accompany plans dated 09-07-10

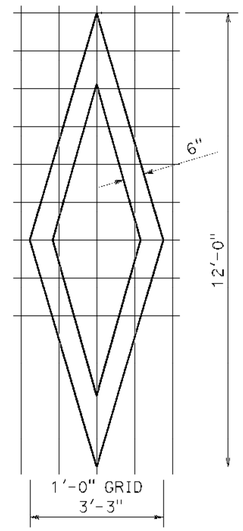


RAILROAD CROSSING SYMBOL

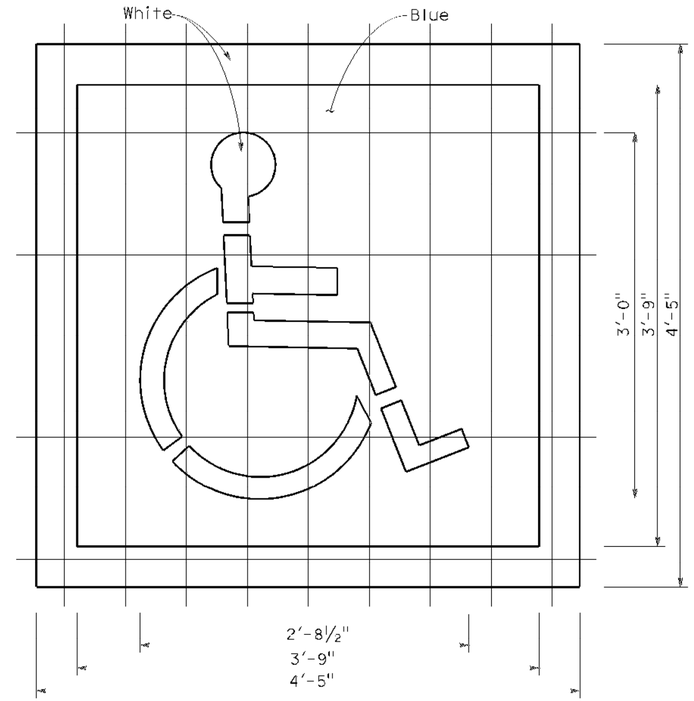
✳70 sq ft DOES NOT INCLUDE THE 2'-0" x VARIABLE WIDTH TRANSVERSE LINES.



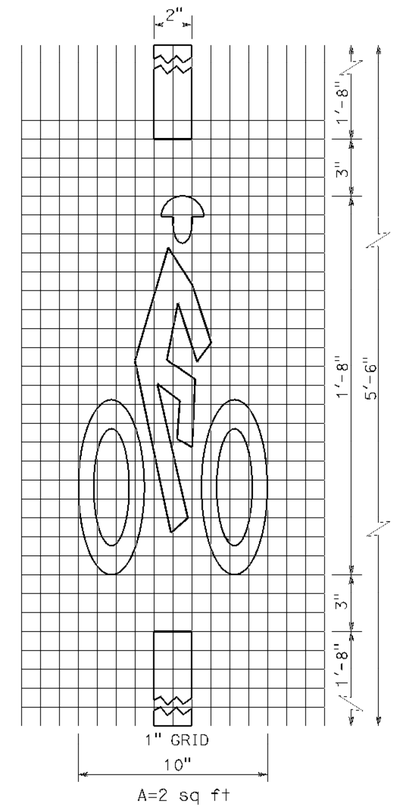
BIKE LANE SYMBOL



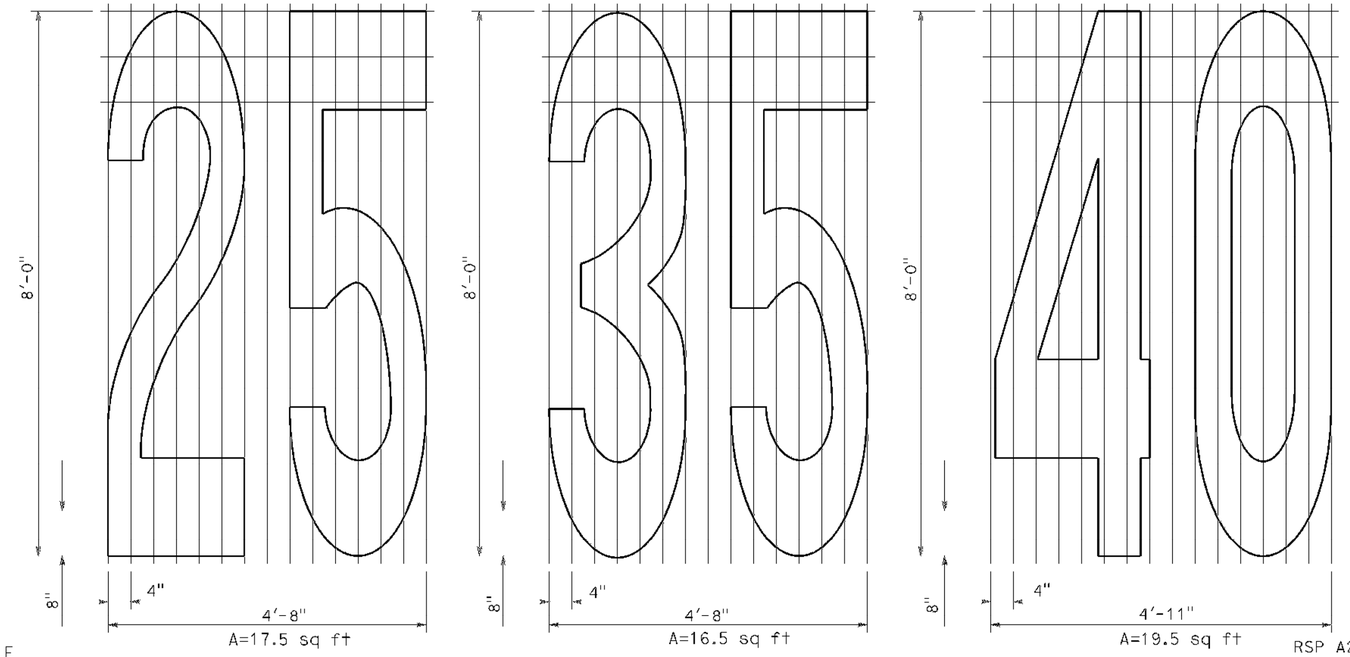
DIAMOND SYMBOL



INTERNATIONAL SYMBOL OF ACCESSIBILITY MARKING



BICYCLE LOOP DETECTOR SYMBOL



NUMERALS

NOTE:

1. Minor variations in dimensions may be accepted by the Engineer.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS SYMBOLS AND NUMERALS

NO SCALE

RSP A24C DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN A24C DATED MAY 1, 2006 - PAGE 11 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP A24C

2006 REVISED STANDARD PLAN RSP A24C

5 27 08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Tehama	99	12.5/24.9	14	22

REGISTERED CIVIL ENGINEER

November 17, 2006
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Michael Janzen No. 44786 Exp. 03-31-08 CIVIL STATE OF CALIFORNIA

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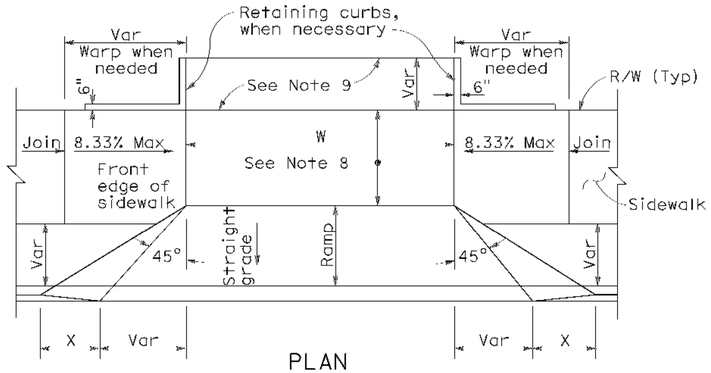
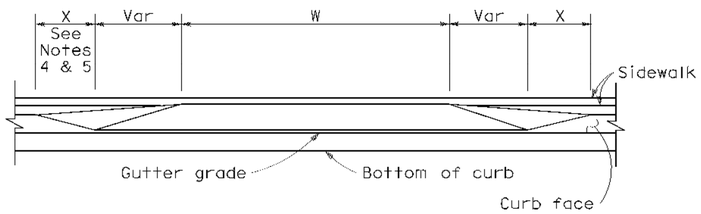
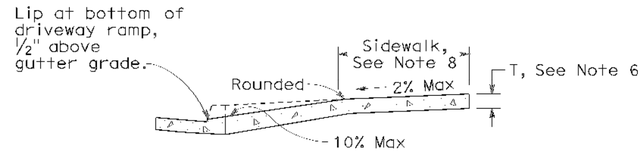
To accompany plans dated 09-07-10



PLAN

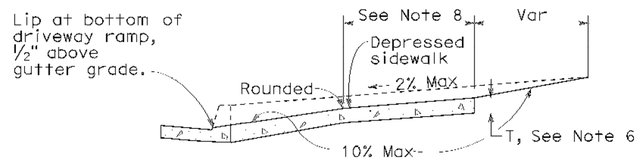


ELEVATION



CASE A

Typical driveway, sidewalk not depressed

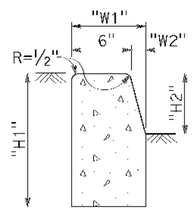


CASE B

Driveway with depressed sidewalk

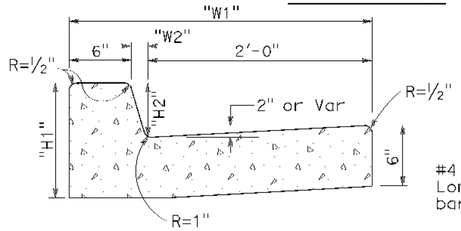
SECTIONS

DRIVEWAYS



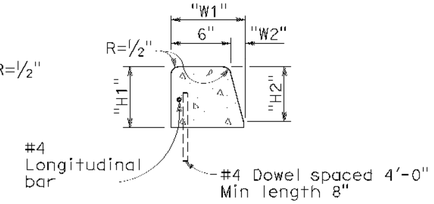
TYPE A1 CURBS

See Table A



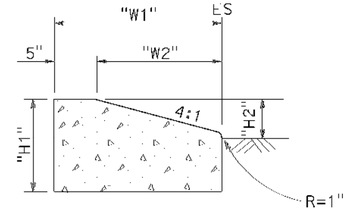
TYPE A2 CURBS

See Table A



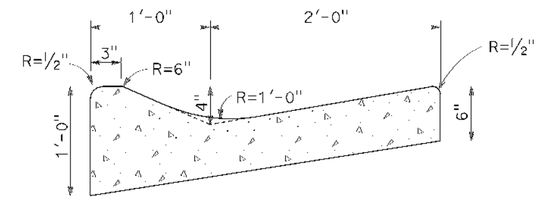
TYPE A3 CURBS

Superimposed on existing pavement
See Table A

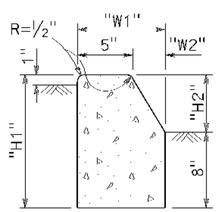


TYPE D CURBS

See Table A

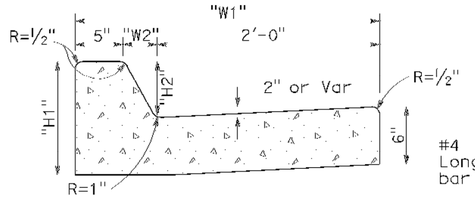


TYPE E CURB



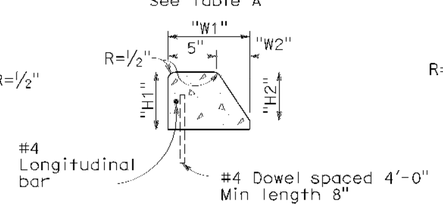
TYPE B1 CURBS

See Table A



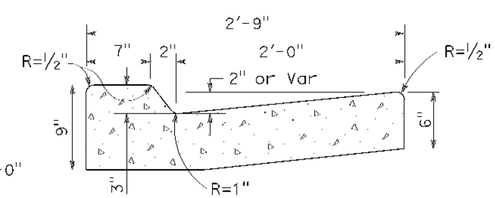
TYPE B2 CURBS

See Table A

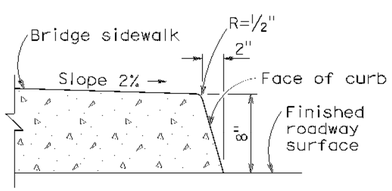


TYPE B3 CURBS

Superimposed on existing pavement
See Table A



TYPE B4 CURBS



TYPE H CURB

On Bridges

CURBS

CURB QUANTITIES

TYPE	CUBIC YARDS PER LINEAR FOOT
A1-6	0.02585
A1-8	0.03084
A2-6	0.05903
A2-8	0.06379
A3-6	0.01036
A3-8	0.01435
B1-4	0.02185
B1-6	0.02930
B2-4	0.05515
B2-6	0.06171
B3-4	0.00641
B3-6	0.01074
B4	0.05709
D-4	0.04083
D-6	0.06804
E	0.06661

TABLE A

CURB TYPE	DIMENSIONS "H1"	"H2"	"W1"	"W2"
A1-6	1'-2"	6"	7½"	1½"
A1-8	1'-4"	8"	8"	2"
A2-6	1'-0"	6"	2'-7½"	1½"
A2-8	1'-2"	8"	2'-8"	2"
A3-6	6"	5"	7¼"	1¼"
A3-8	8"	7"	7¾"	1¾"
B1-4	1'-0"	4"	7½"	2½"
B1-6	1'-2"	6"	9"	4"
B2-4	10"	4"	2'-7½"	2½"
B2-6	1'-0"	6"	2'-9"	4"
B3-4	4"	3"	7"	2"
B3-6	6"	5"	8½"	3½"
D-4	10"	4"	1'-6"	1'-1"
D-6	1'-0"	6"	2'-2"	1'-8"

NOTES:

1. Case A driveway section typically applies.
2. Use Case B driveway section when ramp slopes would exceed 10% in Case A.
3. Use Case B driveway section when sidewalk cross slope would exceed 2% in Case A.
4. X=3'-0" except for curb heights over 10" where 4:1 slopes shall be used on curb slope.
5. X is a variable when sidewalk is located where wheelchairs may traverse the surface. Slopes shall not exceed 8.33%.
6. Sidewalk and ramp thickness "T" at driveway shall be 4" for residental and 6" for commercial.
7. Difference in slope of the driveway ramp and the slope of a line between the gutter and a point on the roadway 5'-0" from gutter line shall not exceed 15%. Reduce driveway ramp slope, not gutter slope, where required.
8. Minimum width of clear passageway for sidewalk shall be 4'-0".
9. Retaining curbs and acquisition of construction easement may be necessary for narrow sidewalks or curb heights in excess of 6".
10. Across the pedestrian route at curb ramp locations, the gutter pan slope shall not exceed 1" of depth for each 2'-0" of width.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

CURBS AND DRIVEWAYS

NO SCALE

RSP A87A DATED NOVEMBER 17, 2006 SUPERSEDES STANDARD PLAN A87A DATED MAY 1, 2006 - PAGE 113 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP A87A

2006 REVISED STANDARD PLAN RSP A87A

10-25-06

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Tehama	99	12.5/24.9	15	22

REGISTERED ELECTRICAL ENGINEER

October 5, 2007
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Jeffery G. McRae No. E14512 Exp. 6-30-08 ELECTRICAL STATE OF CALIFORNIA

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To accompany plans dated 09-07-10

ELECTROLIERS

STANDARD TYPES
15, 15D
15 STRUCTURE
21, 21D STRUCTURE
30
31
32
35
36-20A

High mast light pole

Double Arm lighting standard

Existing electrolier

Electrolier foundation (Future installation)

NOTES:

1. Luminaires shall be 310 W HPS when installed on Type 21, 21D, 30, 31, 32, 35 and 36-20A Standards, unless otherwise specified. Luminaires shall be 200 W HPS when installed on other type standards or poles, unless otherwise specified.
2. Luminaires shall be the cutoff type, ANSI Type III medium cutoff lighting distribution, unless otherwise specified.
3. Variations noted adjacent to symbol on project plans.

Electrolier (see project notes or project plans)

Luminaire on wood pole

STANDARD NOTES:

- AB — Abandon. If applied to conduit, remove conductors.
- BC — Install pull box in existing conduit run.
- BP — Pedestrian barricade, type as indicated on plan.
- CB — Install conduit into existing pull box.
- CC — Connect new and existing conduit. Remove existing conductors and install conductors as indicated.
- CF — Conduit to remain for future use. Remove conductors. Install pull wire or rope.
- DH — Detector handhole.
- FA — Foundation to be abandoned.
- IS — Install sign on signal mast arm.
- NS — No slip base on standard.
- PEC — Photoelectric control.
- PEU — Photoelectric unit.
- RC — Equipment or material to be removed and become the property of the Contractor.
- RE — Remove electrolier, fuses and ballast. Tape ends of conductors.
- RL — Relocate equipment.
- RR — Remove and reuse equipment.
- RS — Remove and salvage equipment.
- SC — Splice new to existing conductors.
- SD — Service disconnect.
- SF — Standard to remain for future use. Remove luminaire, pole conductors, fuses and ballast.
- TSP — Telephone service point.

ABBREVIATIONS AND EQUIPMENT DESIGNATIONS

PROPOSED	EXISTING	
BBS	bbs	Battery backup system
BC	bc	Bolt circle
C	C	Conduit
CCTV	cctv	Closed circuit television
CKT	ckt	Circuit
CMS	cms	Changeable message sign
DLC	dlc	Loop detector lead-in cable
EMS	ems	Extinguishable message sign
EVC	evc	Emergency vehicle cable
EVD	evd	Emergency vehicle detector
FB	fb	Flashing beacon
FBCA	fbca	Flashing beacon control assembly
FBS	fbs	Flashing beacon with slip base
FO	fo	Fiber optic
G	G	Ground (Equipment Grounding Conductor)
GFCI	GFCI	Ground fault circuit interrupt
HAR	har	Highway advisory radio
HEX	hex	Hexagonal
HPS	hps	High pressure sodium
IISNS	iisns	Internally illuminated street name sign
ISL	isl	Induction sign lighting
LED	led	Light emitting diode
LMA	lma	Luminaire mast arm
LPS	lps	Low pressure sodium
LTG	ltg	Lighting
LUM	lum	Luminaire
MAT	mat	Mast arm mounting vehicle signal faces, top attachment
MAS	mas	Mast arm mounting vehicle signal faces, side attachment
MAS-4A	mas-4A	Mast arm mounting vehicle signal faces, side attachment - 4 signal section
MAS-4B	mas-4B	
MAS-4C	mas-4C	
MAS-5A	mas-5A	Mast arm mounting vehicle signal faces, side attachment - 5 signal section
MAS-5B	mas-5B	
MC	mc	Mercury contactor
M/M	m/m	Multiple to multiple transformer
MT	mt	Conduit with pull wire or rope only
MTG	mtg	Mounting
	mv	Mercury vapor lighting fixture
N	N	Neutral (Grounded Conductor)
NC	NC	Normally closed
NO	NO	Normally open
PB	pb	Pull box
PEC	pec	Photoelectric control (Type I, II, III, IV or V as shown)
PED	ped	Pedestrian
PEU	peu	Photoelectric unit
PPB	ppb	Pedestrian push button
RL		Relocated equipment
RM	rm	Ramp metering
SB	sb	Slip base
SIC	sic	Signal interconnect cable
SIG	sig	Signal
SMA	sma	Signal mast arm
SNS	sns	Street name sign
SP	sp	Service point
TDC	tdc	Telephone demarcation cabinet
TMS	tms	Traffic monitoring station
TOS	tos	Traffic Operations System
VEH	veh	Vehicle
XFMR	xfmr	Transformer
COMM	comm	Communication
RWIS	rwis	Roadway weather information system

SOFFIT AND WALL MOUNTED LUMINAIRES

Pendant, 70 W HPS unless otherwise specified.

Flush, 70 W HPS unless otherwise specified.

Wall surface, 70 W HPS unless otherwise specified.

Existing soffit or wall luminaire to remain unmodified.

Existing soffit or wall luminaire to be modified as specified.

NOTE:

Arrow indicates "street side" of luminaire.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (SYMBOLS AND ABBREVIATIONS)

NO SCALE

RSP ES-1A DATED OCTOBER 5, 2007 SUPERSEDES STANDARD PLAN ES-1A DATED MAY 1, 2006 - PAGE 400 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP ES-1A

2006 REVISED STANDARD PLAN RSP ES-1A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Tehama	99	12.5/24.9	16	22

REGISTERED ELECTRICAL ENGINEER

October 5, 2007
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Jeffery G. McRae No. E14512 Exp. 6-30-08 ELECTRICAL 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 09-07-10

CONDUIT

PROPOSED	EXISTING	
		Lighting Conduit, unless otherwise indicated or noted
		Traffic signal conduit
C	c	Communication conduit
T	t	Telephone conduit
F	f	Fire alarm conduit
FO	fo	Fiber optic conduit
		Conduit termination (RSP ES-9A C)
R	r	Conduit riser in/on structure or service pole

SERVICE EQUIPMENT

PROPOSED	EXISTING	
OH	oh	Overhead lines
U	U	Wood pole "U" indicates utility owned
		Pole guy with anchor
		Utility transformer - ground mounted
III		Service equipment enclosure type
		Service equipment enclosure door indicates front of enclosure
T	t	Telephone demarcation cabinet

POLE-MOUNTED SERVICE DESIGNATION

Type of installation

TYPE H SERVICE - 28'-10" ← Pole height above grade

ILLUMINATED OVERHEAD SIGN

PROPOSED	EXISTING	
		Overhead sign - Single post
		Overhead sign - Two post
		Overhead sign - Mounted on structure
		Overhead sign with electrolier

SIGNAL EQUIPMENT

PROPOSED	EXISTING	
		Pedestrian signal face
		Pedestrian push button post
		Pedestrian barricade
		Vehicle signal face (with backplate, 3-Section: red, yellow and green)
		Vehicle signal face with angle visors
PV	PV	Modifications of basic symbols: "L" indicates all non-arrow sections louvered "LG" indicates louvered green section only "PV" indicates 12" programmed visibility sections "8" indicates all 8" sections (only when specified)
		Type 15TS and Vehicle signal face
		Vehicle signal face with red, yellow and green left arrow sections
		Vehicle signal face with red and yellow sections and up green arrow
		Vehicle signal face (5 Section) with red, yellow and green sections and yellow and green right arrows
		Type 1 Standard and attached vehicle signal faces
		Standard with signal mast arm only and attached vehicle signal faces and internally illuminated street name sign
		Type 33 Standard, Left-turn vehicle signal face and sign
		Standard with luminaire and signal mast arms and attached vehicle signal faces
		Cantilever flashing beacon Type 9 Frame, with a sign unless otherwise specified or indicated
		Type 15-FBS Standard with two vehicle signal face sections with lens, backplate and visor with a sign
R	Y	Flashing beacon. One vehicle signal face section with lens, backplate and visor. "R" indicates red indication, "Y" indicates yellow indication
		Controller assembly. Door indicates front of cabinet

SIGNAL EQUIPMENT Cont

PROPOSED	EXISTING	
		Guard post
		Type 1 Standard with "Meter On" sign
		Emergency Vehicle detector

NOTES:

1. All signal sections shall be 12" unless shown otherwise.
2. Signal heads shall be provided with backplates unless shown otherwise.
3. Signal indication shall be LED.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (SYMBOLS AND ABBREVIATIONS)

NO SCALE

RSP ES-1B DATED OCTOBER 5, 2007 SUPERCEDES STANDARD PLAN ES-1B DATED MAY 1, 2006 - PAGE 401 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP ES-1B

2006 REVISED STANDARD PLAN RSP ES-1B

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Tehama	99	12.5/24.9	17	22

REGISTERED ELECTRICAL ENGINEER

October 5, 2007
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Jeffery G. McRae No. E14512 Exp. 6-30-08 ELECTRICAL STATE OF CALIFORNIA

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To accompany plans dated 09-07-10

EQUIPMENT IDENTIFICATION

ILLUMINATED SIGN IDENTIFICATION NUMBER:

Sign No. 12345 — Sign number - Place on post or structure

10 ISL SCI 1.0

- Transformer rating (kVA)
- Lighting control type
- Number and type of fixtures

} Do NOT place on standard or structure

ELECTROLIER OR EQUIPMENT IDENTIFICATION NUMBER:

12345 - 15'-0"

- 15'-0" — Mast arm length, if shown. Do not place on standard or structure.
- 12345 — Equipment number - Place on standard or structure. Existing equipment numbers are shown in parenthesis

CONDUIT AND CONDUCTOR IDENTIFICATION:

1½"C, 2#10, 15#14, 2 DLC

- 2#10, 15#14, 2 DLC — Number and size of conductors and cables
- 1½"C — Size of conduit in inches

ø1, ø2, ø2P, etc.	Traffic phase identification for signal faces, detectors and phase diagrams
1 2 3	Project note numbers
A B C	Equipment description, installation or item numbers
1 2 3	Conduit run numbers

SIGNAL AND LIGHTING STANDARD (TYPICAL DESIGNATION):

19A - 3 - 100

- 100 — Wind velocity = 100 mph
- 3 — Case 3 arm loading
- 19A — Standard type
- Standard Plan sheet number
- Detail number or letter

MISCELLANEOUS EQUIPMENT

PROPOSED	EXISTING	
CMS	cms	Changeable message sign
		Closed circuit television camera
		Highway advisory radio pole and antenna
EMS	ems	Extinguishable message sign
M V	m v	Detection device M = Microwave sensor V = Video image sensor

WIRING DIAGRAM LEGEND

P	Pole
CB	Circuit breaker
A	Ampere
V	Volt
M	Metered
UM	Unmetered
NB	Neutral bus
GB	Ground bus
G	Equipment grounding conductor
N	Grounded conductor (Neutral)

- External conductor
- Conductor or bus
- Tie point
- Contactor coil
- Contactor, Contact NO
- Terminal blocks
- Contactor, Contact NC
- Enclosure bond
- Grounding electrode
- Circuit breaker
- Receptacle

PULL BOXES

PROPOSED EXISTING

Pull box-No. 5 unless otherwise indicated or noted.

3 — 9A(21)

Pull box-Additional designations or descriptions

- 3 = No. 3½ pull box
- 5 = No. 5 pull box
- 6 = No. 6 pull box
- 7 = No. 7 (Ceiling pull box)
- 8 = No. 8 (Pendant soffit pull box)
- 9 = No. 9 pull box
- 9A = No. 9A pull box

- (C) = Communications pull box
- (E) = Pull box with extension
- (S) = Sprinkler control pull box
- (21) = Anchor bolts and conduit for future installation of Type 21 Standard
- (T) = Traffic pull box

VEHICLE DETECTORS

5 J 9 U

- U = Upper, L = Lower
- Slot number in input file
- Input file (I or J)
- Phase

PROPOSED	EXISTING	
		Type A detector loop. Outline of sawcut shown.
		Type B detector loop. Outline of sawcut shown.
		Type C detector loop. Outline of sawcut shown.
		Type D detector loop. Outline of sawcut shown.
		Type E detector loop. Outline of sawcut shown.
		Type Q detector loop. Outline of sawcut shown.
		Magnetic detector
DH	dh	Detector handhole
		Microwave or video detection zone

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (SYMBOLS AND ABBREVIATIONS)

NO SCALE

RSP ES-1C DATED OCTOBER 5, 2007 SUPERCEDES STANDARD PLAN ES-1C DATED MAY 1, 2006 - PAGE 402 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP ES-1C

2006 REVISED STANDARD PLAN RSP ES-1C

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Tehama	99	12.5/24.9	18	22

REGISTERED ELECTRICAL ENGINEER

October 5, 2007
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Jeffery G. McRae No. E14512 Exp. 6-30-08 ELECTRICAL STATE OF CALIFORNIA

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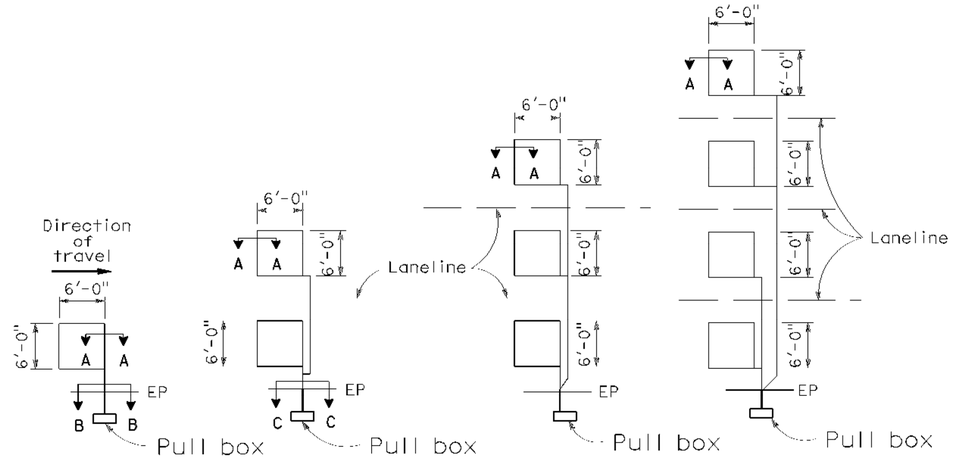
To accompany plans dated 09-07-10

2006 REVISED STANDARD PLAN RSP ES-5A

LOOP INSTALLATION PROCEDURE

1. Loops shall be centered in lanes.
2. Saw slots in pavement for loop conductors as shown in details.
3. Distance between side of loop and a lead-in saw cut from adjacent detectors shall be 2'-0" minimum. Distance between lead-in saw cuts shall be 6" minimum.
4. Bottom of saw slot shall be smooth with no sharp edges.
5. Slots shall be washed until clean, blown out and thoroughly dried before installing loop conductors.
6. Adjacent loops on the same sensor unit channel shall be wound in opposite directions.
7. Identify and tag loop circuit pairs in the pull box with loop number, start (S) and finish (F) of conductor. Identify and tag lead-in-cable with sensor number and phase.
8. Install loop conductor in slot using a 3/16" to 1/4" thick wood paddle. Hold loop conductors with wood paddles (at the bottom of the sawed slot) during sealant placement.
9. No more than 2 twisted pairs shall be installed in one sawed slot.
10. Allow additional 5'-0" of slack length of conductor for the lead-in run to pull box.
11. The additional length of each conductor for each loop shall be twisted together into a pair (6 turns per 3'-4" minimum) before being placed in the slot and conduit leading to pull box.
12. Test each loop circuit for continuity, circuit resistance and insulation resistance at the pull box before filling slots.
13. Fill slots as shown in details.
14. Splice loop conductors to lead-in-cable. Splices shall be soldered.
15. End of lead-in-cable and Type 2 loop conductor shall be waterproofed prior to installing in conduit to prevent moisture from entering the cable.
16. Lead-in-cable shall not be spliced between the pull box and the controller cabinet terminals.
17. Test each loop circuit for continuity, circuit resistance and insulation resistance at the controller cabinet location.
18. Where loop conductors are not to be spliced to a lead-in-cable, the ends of the conductors shall be taped and waterproofed with electrical insulating coating.

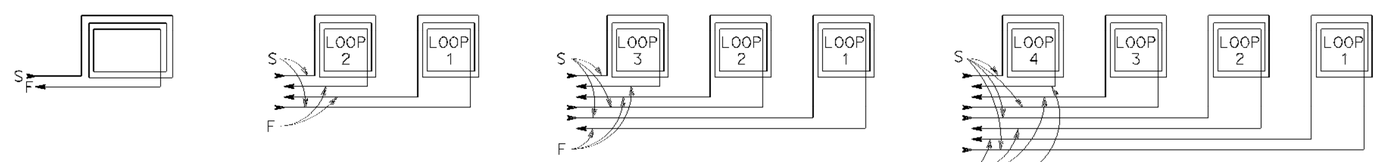


TYPE 1A INSTALLATION | TYPE 2A INSTALLATION | TYPE 3A INSTALLATION | TYPE 4A INSTALLATION

SAWCUT DETAILS

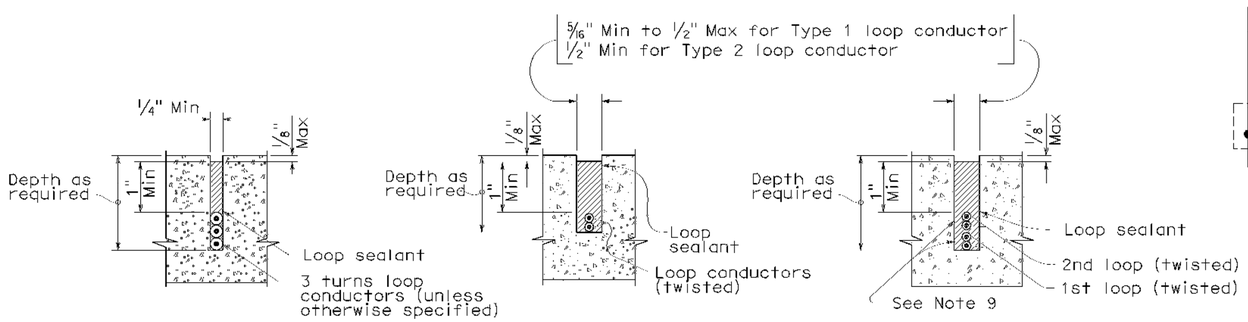
(Type A loop detector configurations illustrated)

1. 1A thru 4A = 1 Type A loop configuration in each lane.
2. 1B thru 4B = 1 Type B loop configuration in each lane.
3. 1C = 1 Type C loop configuration entering lanes as required.
4. 1D thru 4D = 1 Type D loop configuration in each lane.
5. 1E thru 4E = 1 Type E loop configuration in each lane.
6. 1Q thru 4Q = 1 Type Q loop configuration in each lane. (Use Type A, B, C, D, E or Q loop detector configurations only when specified or shown on plans)



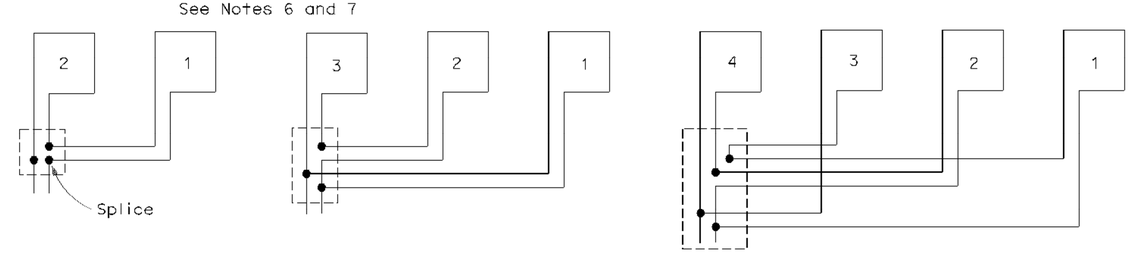
WINDING DETAILS

See Notes 6 and 7



SECTION A-A | SECTION B-B | SECTION C-C

SLOT DETAILS - TYPE 1 AND TYPE 2 LOOP CONDUCTOR



TYPICAL LOOP CONNECTIONS

(Dashed lines represent the pull box)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (DETECTORS)

NO SCALE

RSP ES-5A DATED OCTOBER 5, 2007 SUPERCEDES STANDARD PLAN ES-5A DATED MAY 1, 2006 - PAGE 423 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP ES-5A

8 17 07

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Tehama	99	12.5/24.9	19	22

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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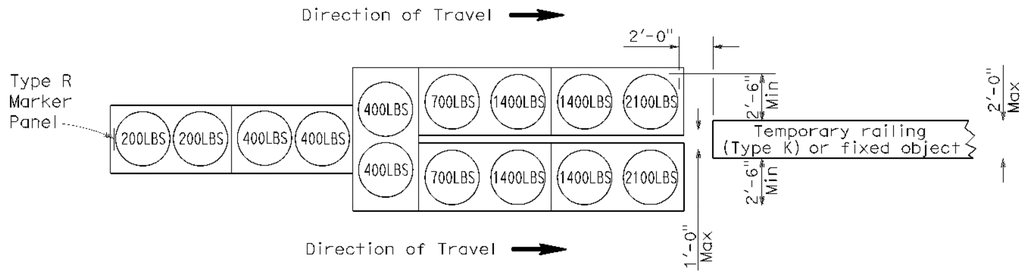
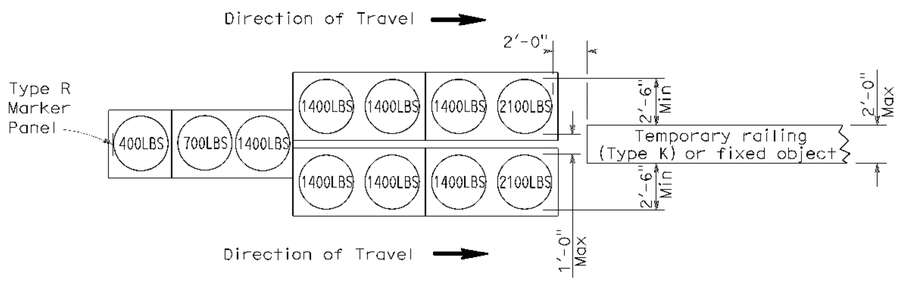
To accompany plans dated 09-07-10



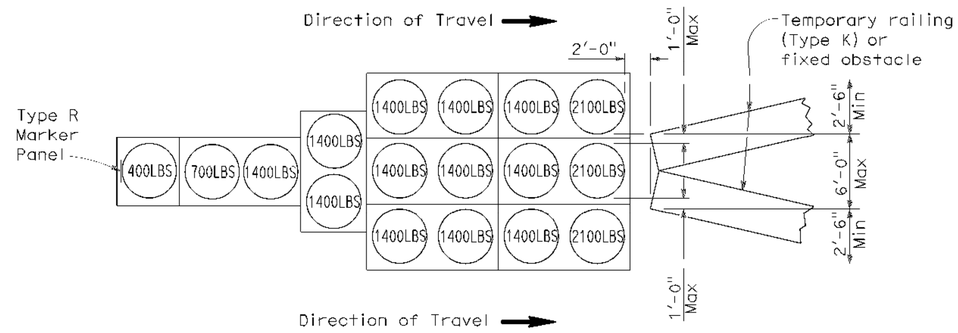
ARRAY 'TU14'

Approach speed 45 mph or more



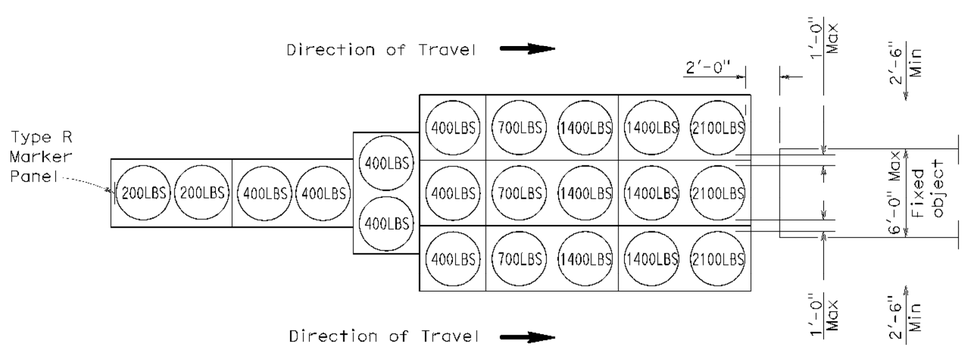
ARRAY 'TU11'

Approach speed less than 45 mph



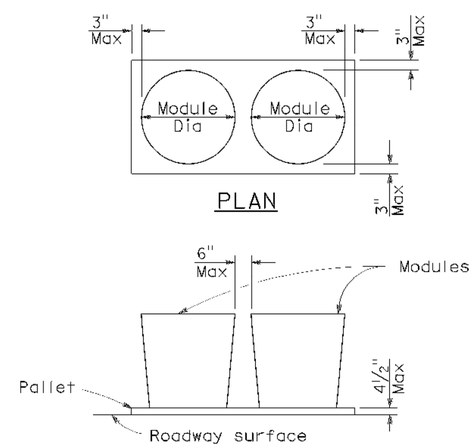
ARRAY 'TU17'

Approach speed less than 45 mph



ARRAY 'TU21'

Approach speed 45 mph or more



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

5 15 08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Tehama	99	12.5/24.9	20	22

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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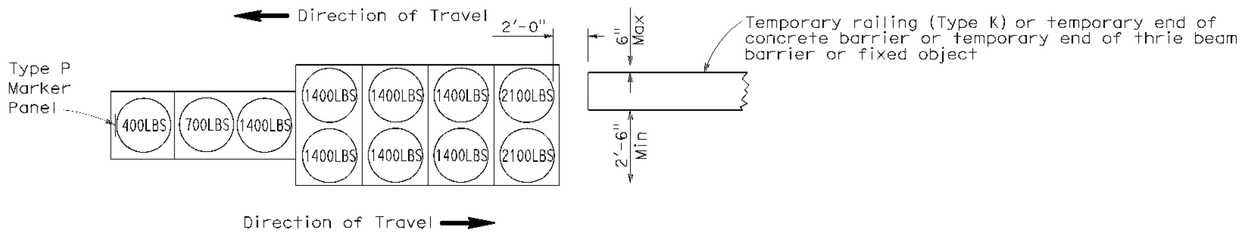
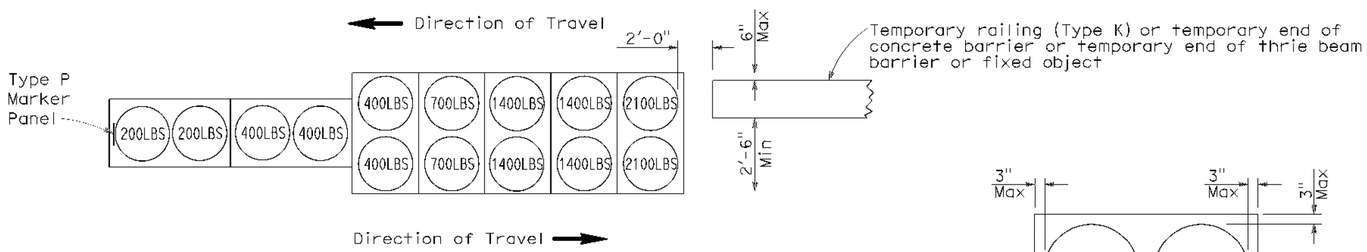


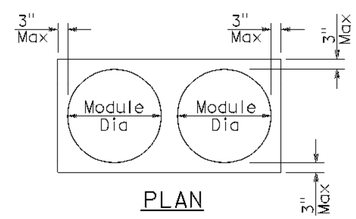
ARRAY 'TB11'

Approach speed less than 45 mph

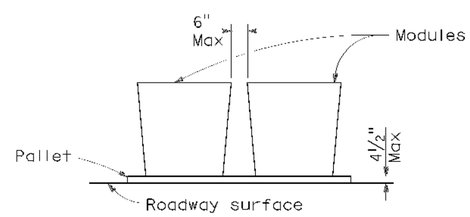


ARRAY 'TB14'

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
02	Tehi	99	12.5/24.9	21	22

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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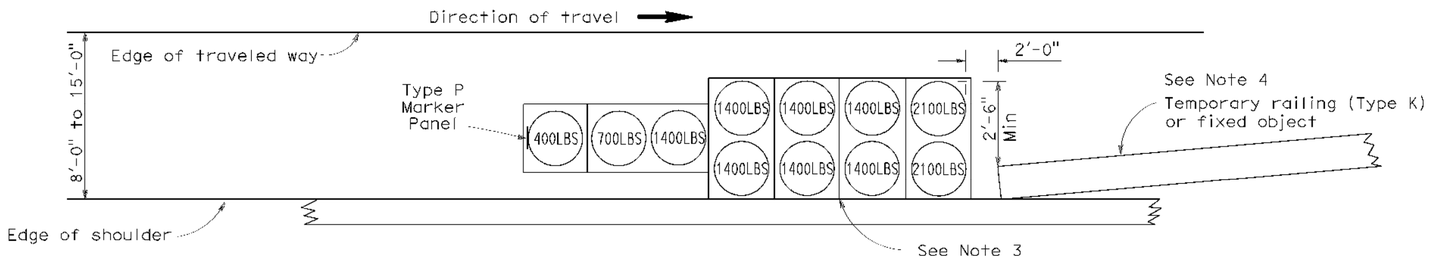
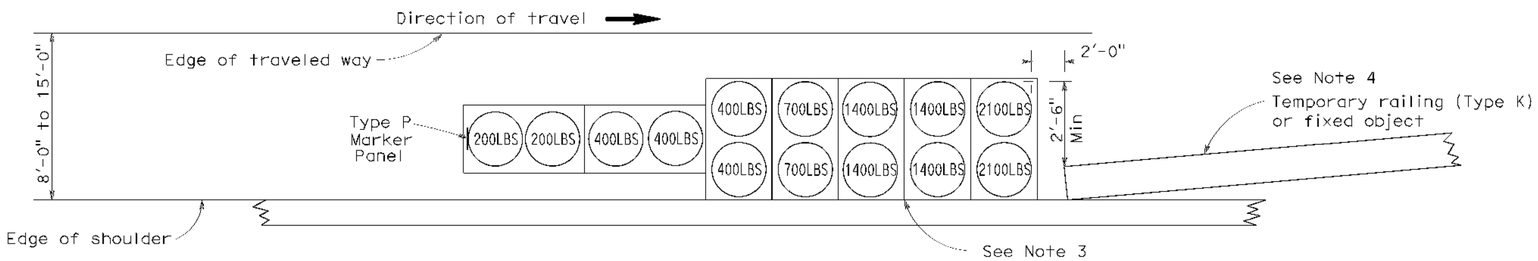


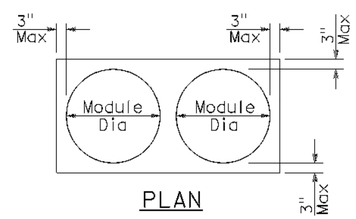
ARRAY 'TS11'

Approach speed less than 45 mph
See Note 9

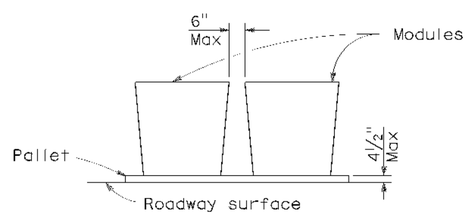


ARRAY 'TS14'

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

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Ten	99	12.5/24.9	22	22

REGISTERED CIVIL ENGINEER

November 17, 2006
PLANS APPROVAL DATE

Greg W. Edwards No. C36386 Exp. 6-30-08 CIVIL STATE OF CALIFORNIA REGISTERED PROFESSIONAL ENGINEER

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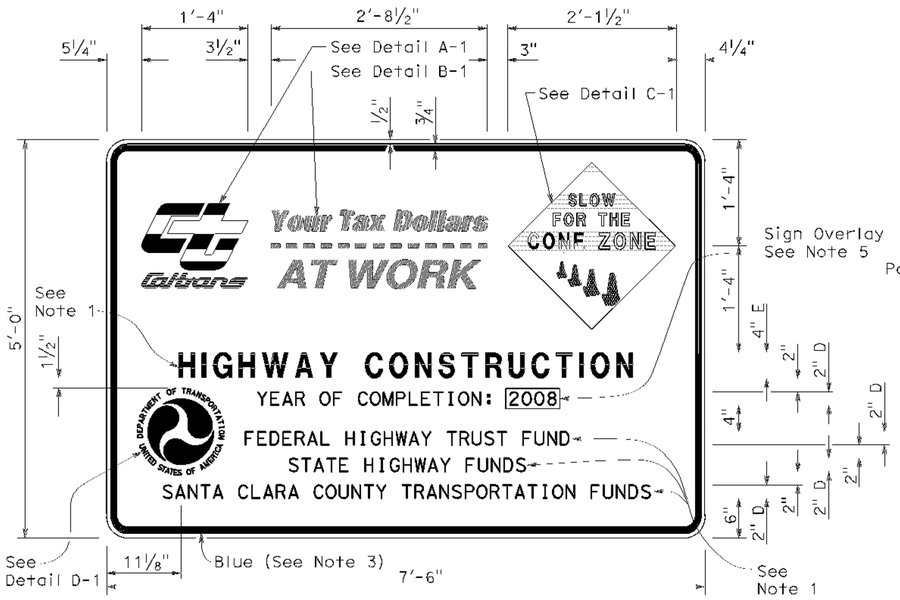
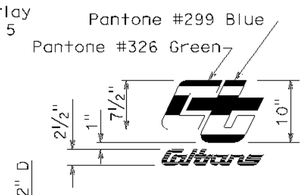
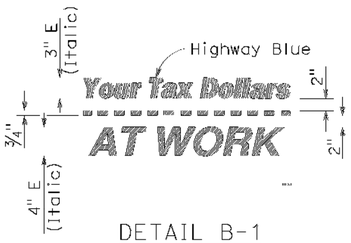
To accompany plans dated 09-07-10



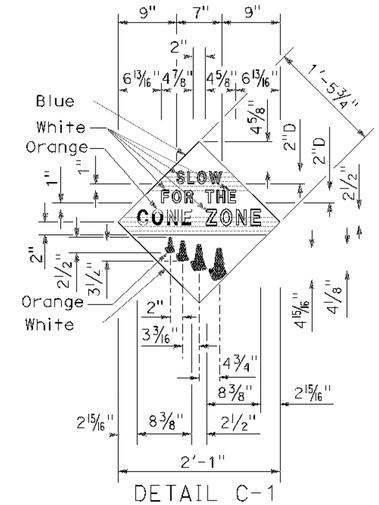
TYPE 1



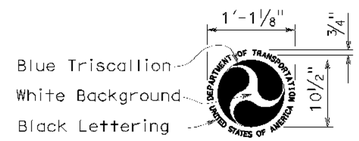
DETAIL A-1



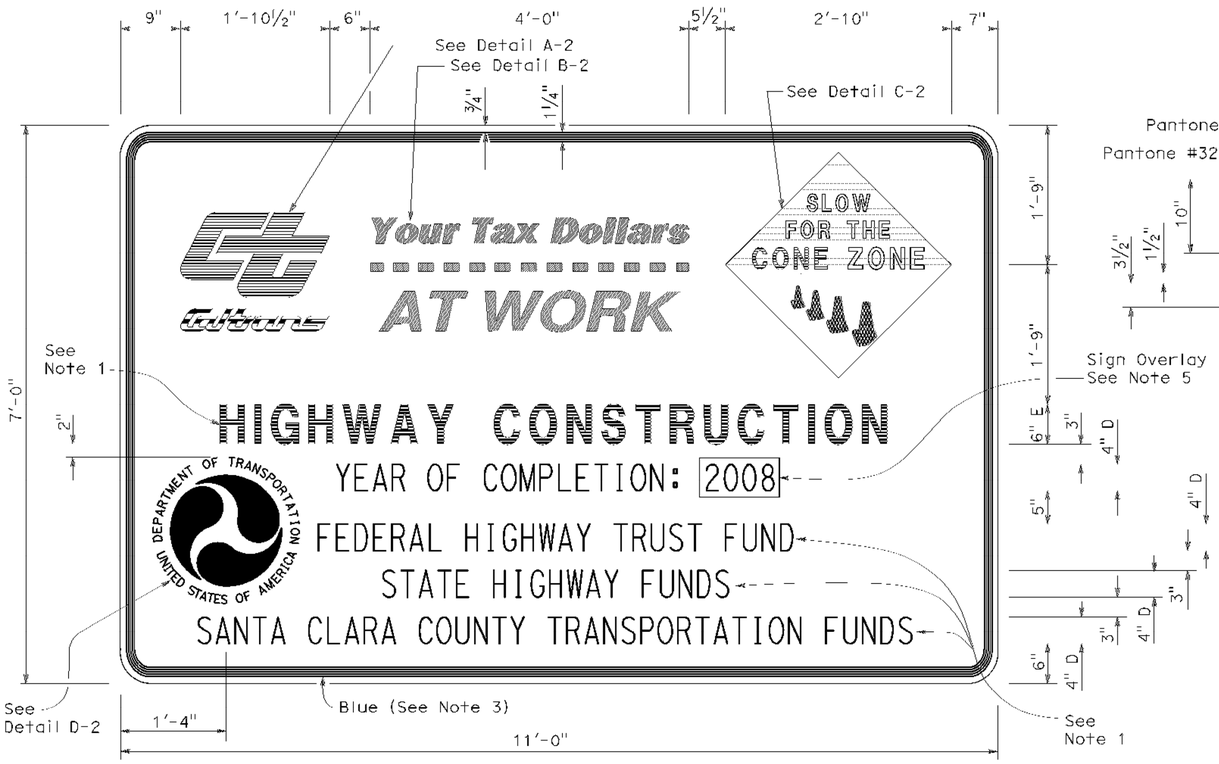
DETAIL B-1
(See Note 3)



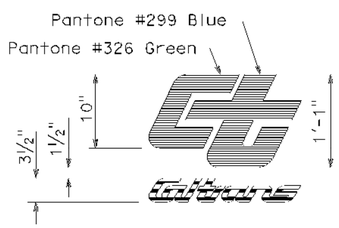
DETAIL C-1
(See Note 4)



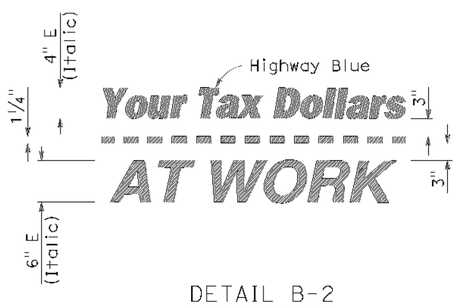
DETAIL D-1
(See Note 6)



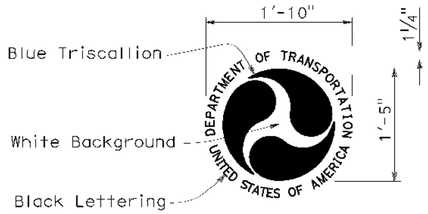
TYPE 2



DETAIL A-2



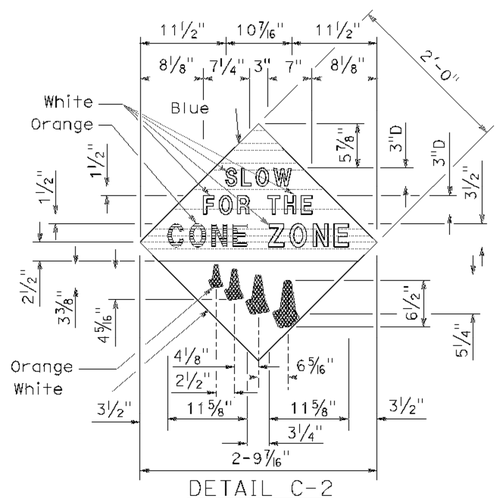
DETAIL B-2
(See Note 3)



DETAIL D-2
(See Note 6)

NOTES:

1. The sign messages shown for type of project and fund types are examples only. See the Special Provisions for the applicable type of project and fund type messages to be used.
2. Except as otherwise shown, the legend of sign shall be black on a white background (non-reflective).
3. The border of the signs and details "B-1" and "B-2" shall be blue (non-reflective).
4. The diamond in details "C-1" and "C-2" shall be blue for the background of message, " SLOW FOR THE CONE ZONE", and white background for the orange cones. The color and type of font for the "SLOW FOR THE CONE ZONE" message shall be: "SLOW" white D; "FOR THE" white D; "CONE" orange Arial font; "ZONE" white Arial font.
5. Year of completion of project construction shown on the overlay is an example only. See the Special Provisions.
6. Use when the Project involves Federal Highway Trust Fund.



DETAIL C-2
(See Note 4)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PROJECT FUNDING IDENTIFICATION SIGNS

NO SCALE

RSP T7 DATED NOVEMBER 17, 2006 SUPERSEDES STANDARD PLAN T7 DATED MAY 1, 2006 - PAGE 217 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T7

2006 REVISED STANDARD PLAN RSP T7