INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2-3	TYPICAL CROSS SECTIONS
4	CONSTRUCTION DETALS
5	CONSTRUCTION AREA SIGNS
6-7	PAVEMENT DELINEATION QUANTITIES
8	SUMMARY OF QUANTITIES
9-12	REVISED STANDARD PLANS

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

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON

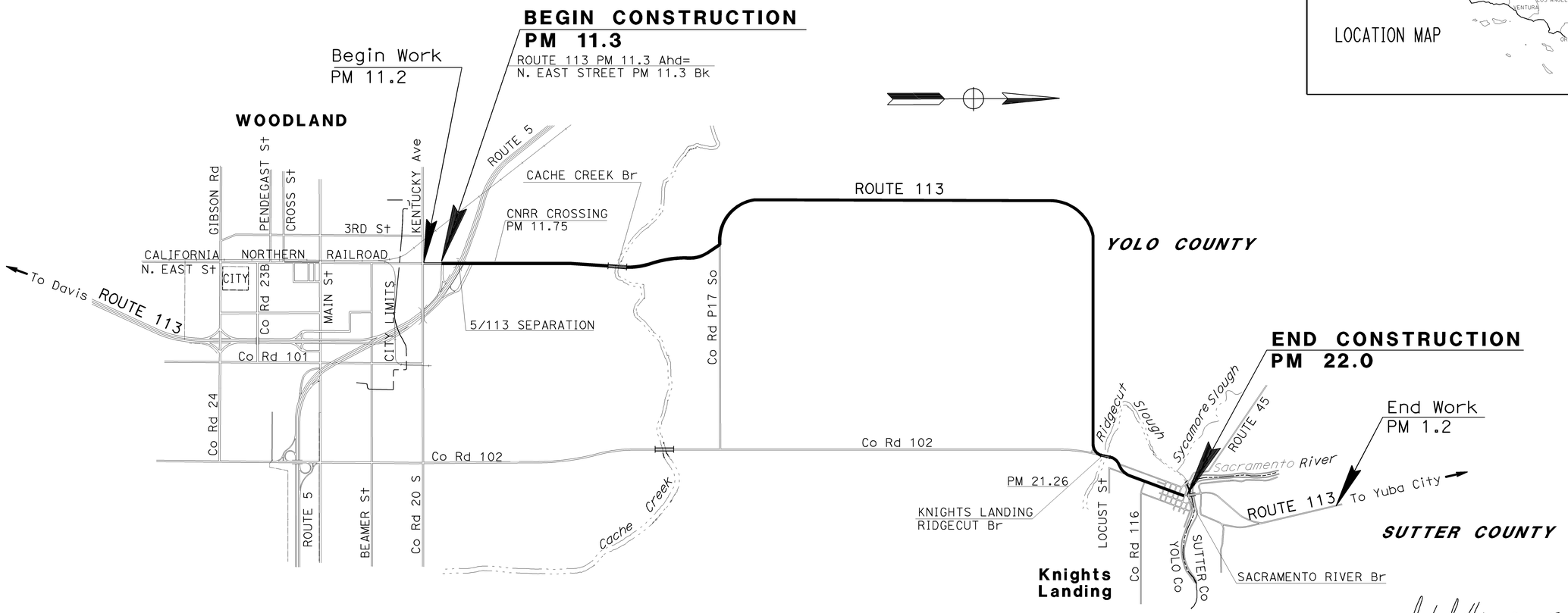
STATE HIGHWAY

IN YOLO COUNTY NEAR WOODLAND AND AT KNIGHTS LANDING FROM 5/113 SEPARATION TO SACRAMENTO RIVER BRIDGE

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Yol	113	11.3/22.0	1	12

LOCATION MAP



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

PROJECT MANAGER: PAT KELLEY

DESIGN ENGINEER: PAT KELLEY

Amy P. Hervey 10-17-10

PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER
REX P. HERVEY
No. C53302
Exp. 6-30-11
CIVIL
STATE OF CALIFORNIA

October 18, 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.	03-3M8904
PROJECT ID	0300020159

LAST REVISION 00-00-00 | DATE PLOTTED => 05-NOV-2010 | TIME PLOTTED => 07:48

NOTES:

1. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
3. REPLACE AC SURFACING IS NOT CONTINUOUS. WIDTH VARIES, 6', 12' OR 20'. SEE CONSTRUCTION DETAIL C-1. SEE SUMMARY OF QUANTITIES FOR LOCATIONS AND DIMENSIONS.
4. FOR HMA (OPEN GRADED) PAVING LIMITS, SEE C-1

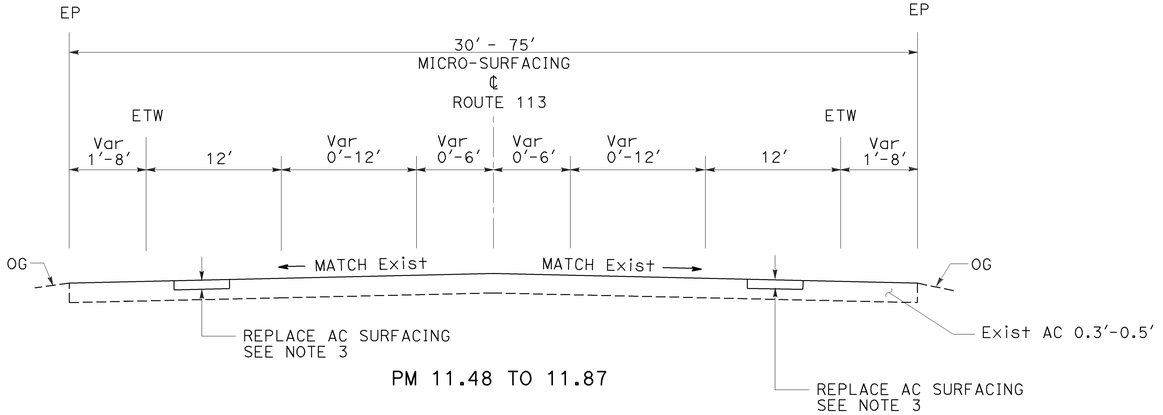
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Yol	113	11.3/22.1	2	12

REGISTERED CIVIL ENGINEER — 10-17-10 DATE

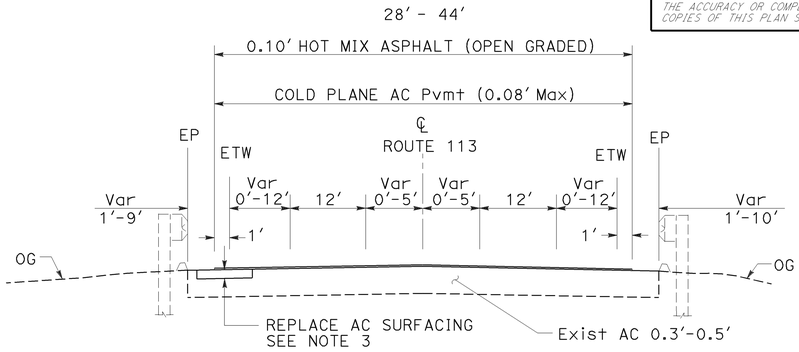
REX P. HERVEY No. C53302 Exp. 6-30-11 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

10-18-10
PLANS APPROVAL DATE

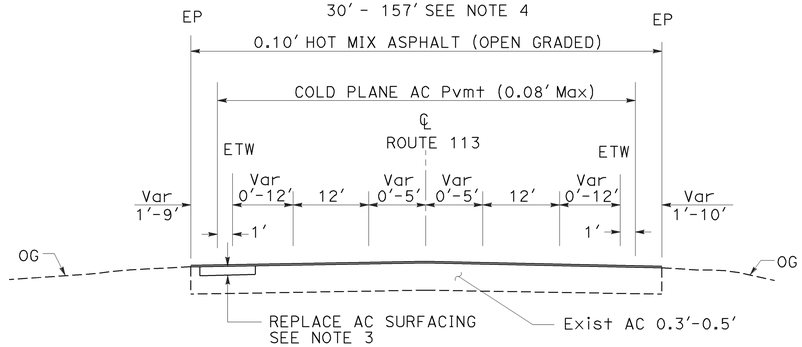
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



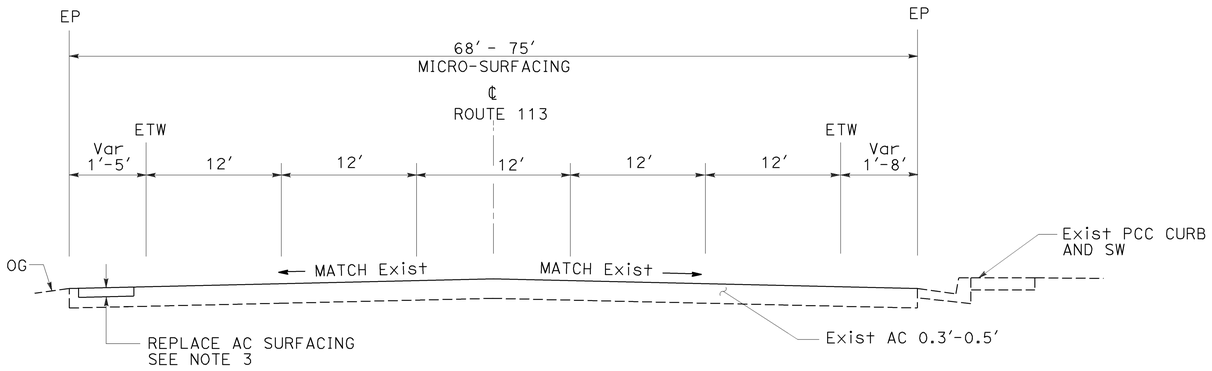
PM 11.48 TO 11.87



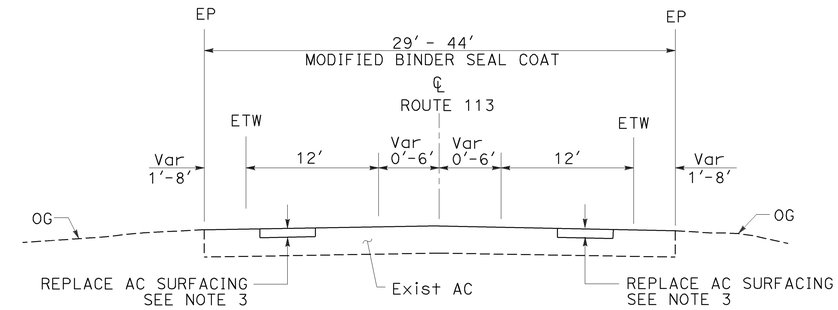
PM 21.24 TO 21.26
(AT BB OF KNIGHTS LANDING RIDGE CUT BRIDGE)



PM 21.11 TO 21.24



PM 11.30 TO 11.48 (WOODLAND)



PM 11.87 TO 21.11

TYPICAL CROSS SECTIONS

NO SCALE

X-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE

FUNCTIONAL SUPERVISOR: PAT KELLEY
CALCULATED-DESIGNED BY: DARLENE WULFF
CHECKED BY: REX HERVEY
REVISED BY
DATE REVISED

LAST REVISION: 00-00-00
DATE PLOTTED => 26-OCT-2010
TIME PLOTTED => 15:14

BORDER LAST REVISED 7/2/2010
USERNAME => s128033
DGN FILE => 03000020159ca001.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0481
PROJECT NUMBER & PHASE 03000201591

NOTES:

1. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
3. REPLACE AC SURFACING IS NOT CONTINUOUS. WIDTH VARIES, 6', 12' OR 20'. SEE CONSTRUCTION DETAIL C-1. SEE SUMMARY OF QUANTITIES FOR LOCATIONS AND DIMENSIONS.
4. NO SEAL COAT ON BRIDGES.

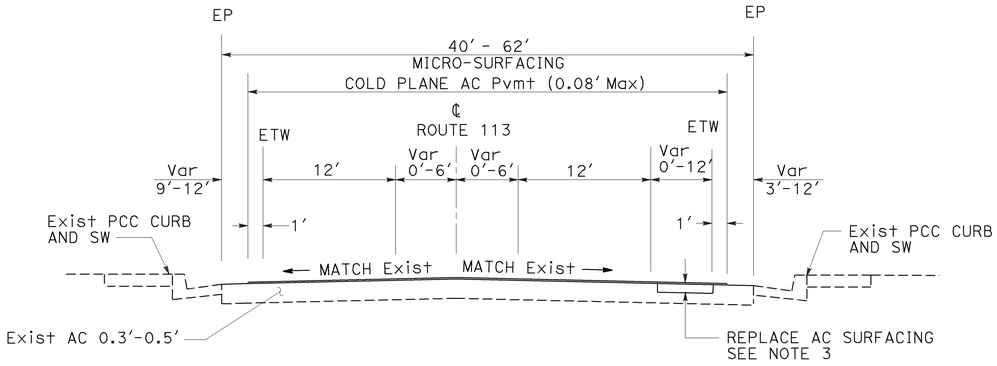
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Yol	113	11.3/22.1	3	12

REGISTERED CIVIL ENGINEER — 10-17-10 DATE

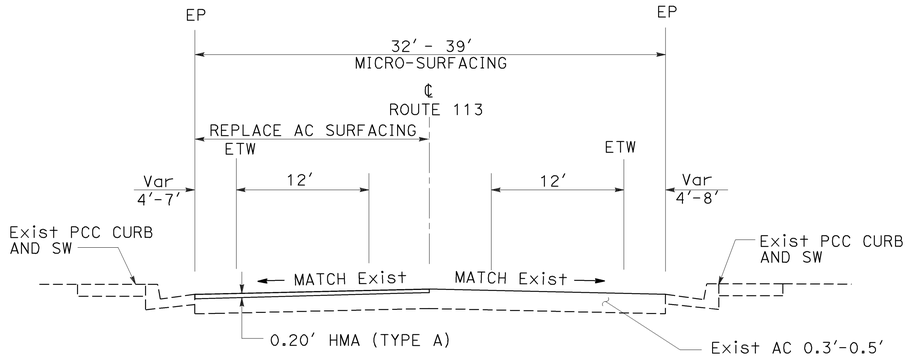
REX P. HERVEY No. C53302 Exp. 6-30-11 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

10-18-10
PLANS APPROVAL DATE

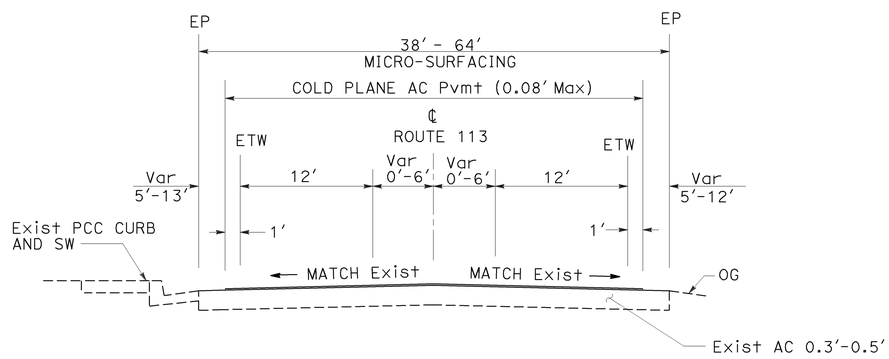
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



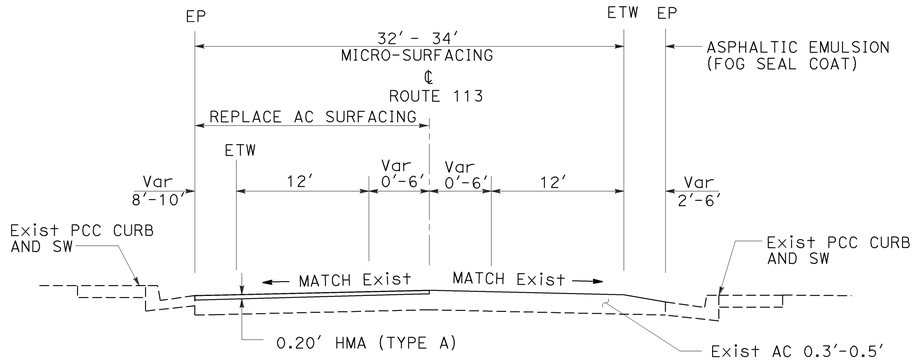
PM 21.46 TO 21.60 (KNIGHTS LANDING)



PM 21.77 TO 21.98 (KNIGHTS LANDING)



PM 21.35 (AT EB OF KNIGHTS LANDING RIDGE CUT BRIDGE) TO 21.46 (KNIGHTS LANDING)



PM 21.60 TO 21.77 (KNIGHTS LANDING)

TYPICAL CROSS SECTIONS

NO SCALE

X-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
MAINTENANCE
FUNCTIONAL SUPERVISOR: PAT KELLEY
CALCULATED-DESIGNED BY
CHECKED BY: REX HERVEY
DARLENE WULFF
REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => 05-NOV-2010
TIME PLOTTED => 07:48

BORDER LAST REVISED 7/2/2010
USERNAME => s128033
DGN FILE => 0300020159ca002.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0481
PROJECT NUMBER & PHASE 03000201591

NOTES:

1. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
3. FOG SEAL DIGOUTS PRIOR TO HOT MIX ASPHALT (OPEN GRADED) AND MODIFIED BINDER OR MICRO-SURFACING.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Yol	113	11.3/22.1	4	12

REGISTERED CIVIL ENGINEER — 10-17-10 DATE

10-18-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — REX P. HERVEY No. C53302 Exp. 6-30-11 CIVIL — STATE OF CALIFORNIA

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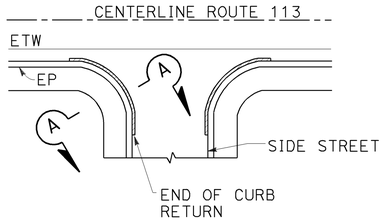
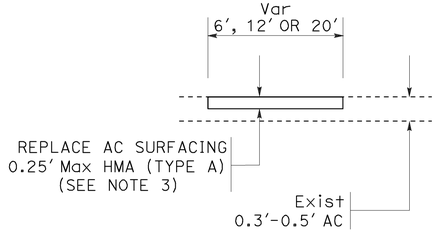
LEGEND

- COLD PLANE AC PAVEMENT
- PCC VALLEY GUTTER



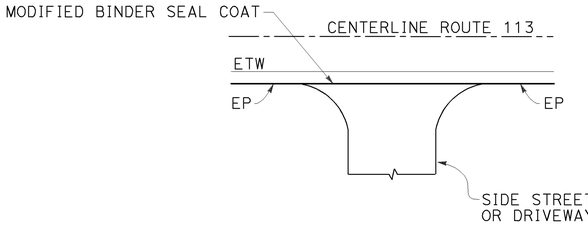
COLD PLANE ASPHALT CONCRETE PAVEMENT AREA AT INTERSECTIONS

PM 21.54 - 22.0

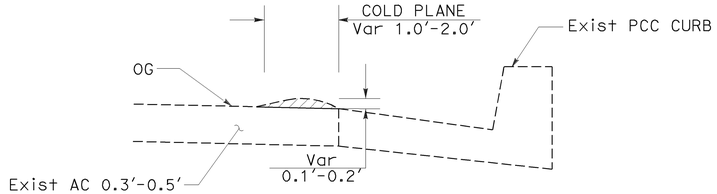


REPLACE ASPHALT CONCRETE SURFACING

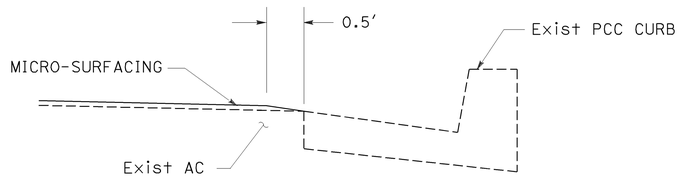
PM 11.3 - 22.0



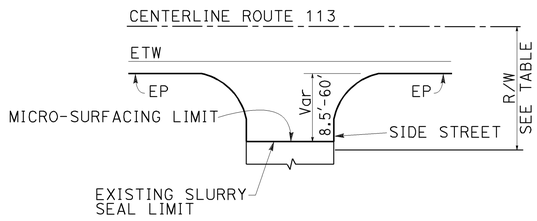
MODIFIED BINDER SEAL COAT LIMIT AT SIDE STREETS/DRIVEWAYS



SECTION A-A



MICRO-SURFACING TAPER AT GUTTER PAN

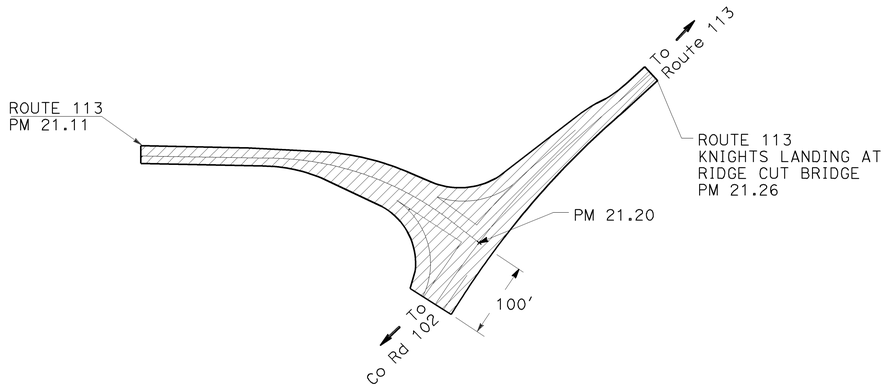


MICRO-SURFACING LIMIT AT SIDE STREETS WITHOUT PCC VALLEY GUTTER

CONFORM TO EXISTING SLURRY SEAL

PM 21.3 - 22.0

INTERSECTIONS	R/W FROM CENTERLINE	COMMENTS
PM 21.41 - OAK GROVE Ave	105'	SEE DETAIL FOR COLD PLANE ASPHALT CONCRETE PAVEMENT AREA AT INTERSECTIONS
PM 21.47 - LOCUST St	79' - 92'	
PM 21.54 - DIXON St	<37.5'	
PM 21.57 - COUNTY Rd 116	<37.5'	
PM 21.64 - 9th St	30'	
PM 21.75 - 7th St	30'	
PM 21.81 - 6th St	30'	
PM 21.87 - 5th St	30'	
PM 21.87 - Jct 45N	30'	
PM 21.98 - 3rd St	30'	

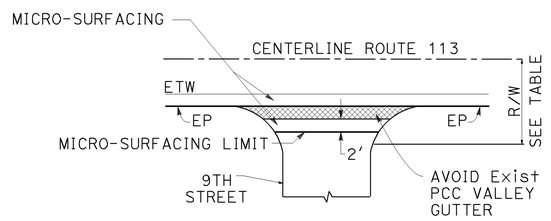


LIMITS OF REMOVE EXISTING OGAC AND FOR HMA (OPEN GRADED

(ROUTE 113 AT COUNTY ROAD 102)

PM 21.11 TO PM 21.26

EXACT LIMITS DERMINED BY THE ENGINEER.



MICRO-SURFACING LIMIT AT 9TH STREET WITH PCC VALLEY GUTTER

PM 21.64

CONSTRUCTION DETAILS

NO SCALE

C-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — MAINTENANCE — Caltrans

FUNCTIONAL SUPERVISOR: PAT KELLEY

CALCULATED-DESIGNED BY: DARLENE WULFF

CHECKED BY: REX HERVEY

REVISED BY | DATE REVISED

LAST REVISION DATE PLOTTED => 26-OCT-2010
TIME PLOTTED => 15:14

BORDER LAST REVISED 7/2/2010

USERNAME => s128033
DGN FILE => 0300020159ga001.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0481 | PROJECT NUMBER & PHASE 03000201591

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Yol	113	11.3/22.1	5	12

REGISTERED CIVIL ENGINEER — 10-17-10 DATE

REGISTERED PROFESSIONAL ENGINEER — REX P. HERVEY No. C53302 Exp. 6-30-11 CIVIL — STATE OF CALIFORNIA

10-18-10
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.

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN LETTER	SIGN CODE FEDERAL	SIGN CODE CALIFORNIA	PANEL SIZE	SIGN MESSAGE	NUMBER OF POST AND SIZE	NUMBER OF SIGNS
A	G20-1 [Spec](11)		60" x 30"	ROAD WORK NEXT 11 MILES	2 - 4" x 6"	2
B		C40(Mod)	72" x 42"	TRAFFIC FINES DOUBLED IN WORK ZONES	2 - 4" x 6"	2
C	G20-2	C14	36" x 18"	END ROAD WORK	1 - 4" x 4"	3
D	W20-1	C23	48" x 48"	ROAD WORK AHEAD	1 - 6" x 6"	37

NOTES:

1. POST DIMENSIONS ARE NOMINAL.
2. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
3. ALL SIGN CODES ARE FEDERAL SIGN CODES UNLESS OTHERWISE DESIGNATED AS CALIFORNIA SIGN CODES.

LEGEND

- SIGN - SINGLE POST
- SIGN - DOUBLE POST
- <CA> CALIFORNIA SIGN CODE

SIGN DETAILS

A G20-1 [Spec](11)

ROAD WORK NEXT 11 MILES — 6" C SERIES LETTERS

60"x30"

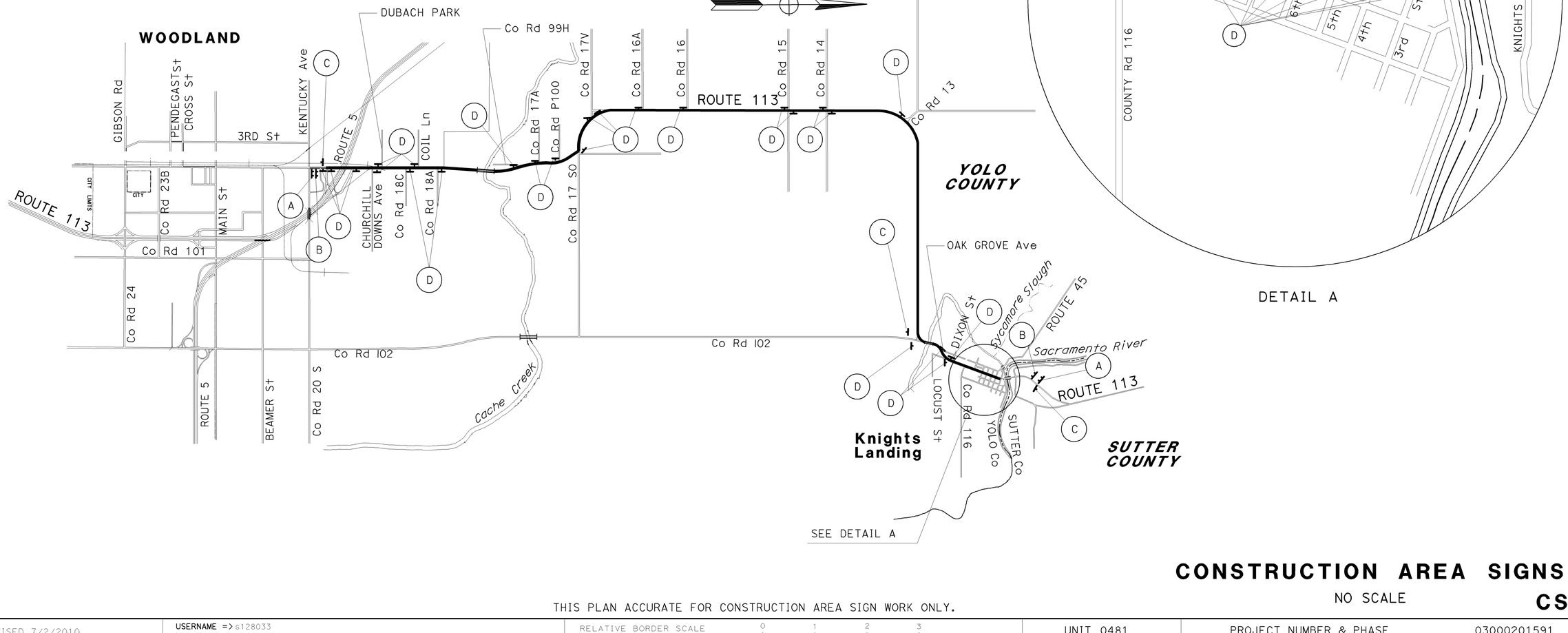
RETROREFLECTIVE ORANGE BACKGROUND WITH BLACK LEGEND AND BORDER.

B C40(Mod)<CA>

TRAFFIC FINES DOUBLED IN WORK ZONE — 6"" C SERIES LETTERS

72"x42"

RETROREFLECTIVE WHITE BACKGROUND WITH BLACK LEGEND AND BORDER.



DETAIL A

CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
MAINTENANCE

FUNCTIONAL SUPERVISOR: PAT KELLEY

CALCULATED-DESIGNED BY: DARLENE WULFF
CHECKED BY: REX HERVEY
REVISED BY
DATE REVISED

LAST REVISION DATE PLOTTED => 26-OCT-2010
00-00-00 TIME PLOTTED => 15:14

BORDER LAST REVISED 7/2/2010
USERNAME => s128033
DGN FILE => 03000201591a001.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0481
PROJECT NUMBER & PHASE 03000201591

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Yol	113	11.3/22.1	6	12

REGISTERED CIVIL ENGINEER — 10-17-10 DATE

10-18-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
REX P. HERVEY
No. C53302
Exp. 6-30-11
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.

REMOVE YELLOW THERMOPLASTIC PAVEMENT MARKING (HAZARDOUS WASTE)

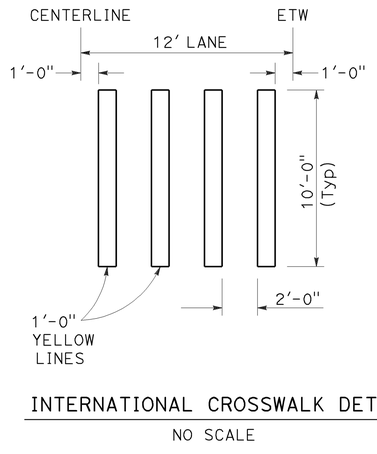
LOCATION/DESCRIPTION	"SCHOOL"	"SLOW"	"XING"	CROSSWALK
	SQFT			
	YELLOW			
PM 11.3 TO 21.98	140	69	126	301
TOTAL	636			

REMOVE THERMOPLASTIC TRAFFIC STRIPE AND PAVEMENT MARKING

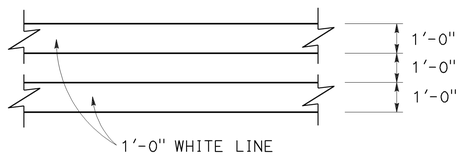
LOCATION/DESCRIPTION	TYPE I ARROW	TYPE III ARROW	TYPE VI ARROW	"STOP"	LIMIT LINE	"SIGNAL"	"AHEAD"	RR CROSSING SYMBOL	RR LIMIT LINE	DETAIL 38	"PED"	"XING"
	SQFT											
	WHITE											
PM 11.3 TO 21.98	150	336	84	44	360	32	62	238	80	775	18	126
TOTAL	2,305											

PAVEMENT STRIPING AND PAVEMENT MARKERS

LOCATION/ DESCRIPTION	4" THERMOPLASTIC TRAFFIC STRIPE			4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)			4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 12-3)	8" THERMOPLASTIC TRAFFIC STRIPE		8" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 12-3)	PAVEMENT MARKER (RETROREFLECTIVE)		
	DETAIL 19	DETAIL 22	DETAIL 27B	DETAIL 6	DETAIL 12	DETAIL 19	DETAIL 27C	DETAIL 38	DETAIL 38A	DETAIL 37B	TYPE D	TYPE G	TYPE H
	LF										EA		
PM 11.3 TO 21.98	12,190	15,579	109,451	30,541	7,120	12,190	2,564	3,049	60	360	2,069	272	520
TOTAL	137,220			49,851			2,564	3,109		360	2,861		



INTERNATIONAL CROSSWALK DETAIL
NO SCALE



DOUBLE LIMIT LINE
NO SCALE

PAVEMENT DELINEATION QUANTITIES

PDQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
MAINTENANCE
FUNCTIONAL SUPERVISOR: PAT KELLEY
CALCULATED-DESIGNED BY: DARLENE WULFF
CHECKED BY: REX HERVEY
REVISED BY | DATE REVISED

LAST REVISION 00-00-00 | DATE PLOTTED => 26-OCT-2010 | TIME PLOTTED => 15:14

BORDER LAST REVISED 7/2/2010 | USERNAME => s128033 | DGN FILE => 0300020159nc001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0481 | PROJECT NUMBER & PHASE 03000201591

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Yol	113	11.3/22.1	7	12

REGISTERED CIVIL ENGINEER — 10-17-10 DATE

10-18-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
REX P. HERVEY
No. C53302
Exp. 6-30-11
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.

THERMOPLASTIC PAVEMENT MARKING

LOCATION/ DESCRIPTION	TYPE I ARROW	TYPE III ARROW	TYPE VI ARROW	"STOP"	"AHEAD"	"SIGNAL"	"PED"	"XING"	"SLOW"	"SCHOOL"	"XING"	RAILROAD CROSSING	INTERNATIONAL CROSSWALK	INTERNATIONAL CROSSWALK	LIMIT LINE	DOUBLE LIMIT LINE
	WHITE								YELLOW			WHITE		YELLOW	WHITE	
	SQFT															
PM 11.31 - ON/OFF RAMP TO SB ROUTE 5	50	42													37	
PM 11.33 - SB DIRECTION		42														
PM 11.49 - SB DIRECTION		42														
PM 11.52 - NB DIRECTION	50														45	
PM 11.54 - ON/OFF RAMP TO NB ROUTE 5	50	42													36	
PM 11.56 - NB DIRECTION			42													
PM 11.57 - SB DIRECTION		42														
PM 11.59 - NB DIRECTION			42													
PM 11.61 - CHURCHILL DOWNS Ave															55	
PM 11.69 - NB DIRECTION												120				
PM 11.70 - SB DIRECTION					31	32										
PM 11.77 - NB DIRECTION																38
PM 11.79 - SB DIRECTION																40
PM 11.85 - SB DIRECTION												118				
PM 12.62 - COUNTY Rd 18B															18	
PM 12.88 - COUNTY Rd 18A				22											34	
PM 13.63 - COUNTY Rd 17A															19	
PM 14.12 - COUNTY Rd 17		42		22											30	
PM 15.15 - COUNTY Rd 16A				22											24	
PM 15.66 - COUNTY Rd 16				22											17	
PM 16.67 - COUNTY Rd 15				44											43	
PM 17.69 - COUNTY Rd 14															43	
PM 18.66 - COUNTY Rd 13		42		22											34	
PM 21.02 - NB DIRECTION				22	31											
PM 21.20 - COUNTY Rd 102		126		44											15	
PM 21.24 - SB DIRECTION		42														
PM 21.41 - OAK GROVE Ave				22											37	
PM 21.47 - LOCUST St		42		22											25	
PM 21.51 - SB DIRECTION		42														
PM 21.52 - NB DIRECTION		42														
PM 21.54 - DIXON St		42		22											16	
PM 21.54 - NB DIRECTION									23	35	21					
PM 21.57 - COUNTY Rd 116		42		22											28	
PM 21.59 - NB DIRECTION									23	35	21					
PM 21.64 - 9th St				22										80		
PM 21.66 - SB DIRECTION									23	35	21				22	
PM 21.71 - NB DIRECTION									23	35	21					
PM 21.75 - 7th St														260	54	
PM 21.77 - NB DIRECTION									23	35	21					
PM 21.79 - SB DIRECTION									23	35	21					
PM 21.81 - 6th St														350	20	
PM 21.83 - NB DIRECTION							18	21								
PM 21.83 - SB DIRECTION									23	35	21					
PM 21.87 - 5th St															42	
PM 21.90 - 4th St															20	
PM 21.90 - Jct St 45N				22									110		17	
PM 21.98 - 3rd St															39	
PM 21.99 - SB DIRECTION							18	21								
SUBTOTAL	150	672	84	352	62	32	36	42	161	245	147	238	110	690	770	78
TOTAL	3,869															

PAVEMENT DELINEATION QUANTITIES

PDQ-2

REVISED BY | DATE REVISED
DARLENE WULFF | REX HERVEY
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: PAT KELLEY
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE

LAST REVISION DATE PLOTTED => 26-OCT-2010
00-00-00 TIME PLOTTED => 15:14

BORDER LAST REVISED 7/2/2010 | USERNAME => s128033 | DGN FILE => 0300020159nc002.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0481 | PROJECT NUMBER & PHASE 03000201591

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Yol	113	11.3/22.1	8	12

REGISTERED CIVIL ENGINEER — DATE 10-17-10

10-18-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — REX P. HERVEY No. C53302 Exp. 6-30-11 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.

REPLACE ASPHALT CONCRETE SURFACING

LOCATION				LENGTH	WIDTH	(N) HMA (TYPE A)	REPLACE ASPHALT CONCRETE SURFACING
	FROM	TO	WHEEL PATH	LF		TON	CY
NORTH BOUND ROUTE 113	11.75	11.75	L/R	40	12	9	4.4
	12.13	12.14	R	69	6	8	3.8
	12.15	12.16	R	32	6	4	1.8
	12.17	12.18	R	53	6	6	2.9
	12.18	12.24	R	290	6	33	16.1
	12.24	12.24	R	11	6	1	0.6
	12.25	12.28	R	169	6	19	9.4
	12.34	12.38	R	216	6	25	12.0
	12.94	12.95	R	63	6	7	3.5
	12.98	12.98	R	37	6	4	2.1
	13.03	13.05	R	90	6	10	5.0
	13.15	13.16	L/R	95	12	22	10.6
	13.21	13.24	L/R	127	12	29	14.1
	13.35	13.38	L/R	127	12	29	14.1
	13.39	13.43	L/R	195	12	44	21.7
	13.43	13.50	R/Shld	401	6	45	22.3
	13.51	13.54	L/R	137	12	31	15.3
	13.54	14.03	R	2624	6	297	145.8
	14.12	14.13	TURN Ln	48	12	11	5.3
	21.44	21.51	R	401	6	45	22.3
SUBTOTAL						679	333.1

(N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

REPLACE ASPHALT CONCRETE SURFACING

LOCATION				LENGTH	WIDTH	(N) HMA (TYPE A)	REPLACE ASPHALT CONCRETE SURFACING
	FROM	TO	WHEEL PATH	LF		TON	CY
SOUTH BOUND ROUTE 113	22.02	21.74	L/R	1478	12	228	111.7
	15.66	15.67	R/Shld	35	20	13	6.48
	14.06	13.96	R	507	6	57	28.2
	13.93	13.92	R	69	6	8	3.8
	13.91	13.88	R	132	6	15	7.3
	13.86	13.85	R	53	6	6	2.9
	13.84	13.75	R	459	6	52	25.5
	13.72	13.69	R	143	6	16	7.9
	13.67	13.62	R	232	6	26	12.9
	13.60	13.59	L/R	37	12	8	4.1
	13.57	13.51	L/R	338	12	77	37.5
	13.46	13.45	L/R	58	12	13	6.5
	13.43	13.42	R	48	6	5	2.6
	13.41	13.38	R	190	6	22	10.6
	13.38	13.37	L/R	48	12	11	5.3
	13.37	13.33	R	216	6	25	12.0
	13.33	13.32	L/R	58	12	13	6.5
	13.32	13.26	R	285	6	32	15.8
	13.25	13.19	R	296	6	34	16.4
	13.19	13.18	L/R	90	12	20	10.0
	13.17	13.15	L/R	106	12	24	11.7
	13.05	13.03	L/R	100	12	23	11.1
	13.03	12.97	R	290	6	33	16.1
	12.96	12.95	R	53	6	6	2.9
	12.83	12.82	R	42	6	5	2.3
	12.77	12.75	R	84	6	10	4.7
	12.74	12.73	R	63	6	7	3.5
	12.71	12.70	R	74	6	8	4.1
	12.69	12.66	R	180	6	20	10.0
	12.61	12.60	R	32	6	4	1.8
	12.50	12.49	R	53	6	6	2.9
	12.46	12.43	R	132	6	15	7.3
	12.43	12.40	R	121	6	14	6.7
	12.30	12.20	R	565	6	64	31.4
	12.16	12.16	R	32	6	4	1.8
	11.77	11.75	R	115	12	26	13
	11.40	11.40	R	25	12	6	2.8
SUBTOTAL						955	468.1
SUBTOTAL OTHER TABLE						679	333.1
TOTAL						1634	801.2

(N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

COLD PLANE ASPHALT CONCRETE PAVEMENT

LOCATION	COLD PLANE ASPHALT CONCRETE PAVEMENT	COMMENTS
	SQYD	
PM 21.11 TO 21.26	4300	REMOVE OGAC - SEE TYPICALS/DETAILS
PM 21.35 TO 21.60	5100	REMOVE OGAC - SEE TYPICALS
PM 21.54 TO 21.98	92	GRIND GUTTER PAN LIP *
TOTAL	9492	

* SEE CONSTRUCTION DETAILS FOR EXACT LOCATIONS

ROADWAY QUANTITY SUMMARY

DESCRIPTION	MICRO-SURFACING	MODIFIED BINDER	SCREENINGS (HOT APPLIED)	ASPHALTIC EMULSION (FOG SEAL COAT)	SAND COVER	TACK COAT	HOT MIX ASPHALT (OPEN GRADED)	COMMENTS
	TON							
PM 11.30 TO 11.87	342							
PM 11.87 TO 21.11		251	1,870	20.4	244			3/8" MAXIMUM
PM 21.11 TO 21.26						1	360	
PM 21.35 TO 21.98	515			0.2				FOG SEAL SHOULDER
TOTAL	857	251	1,870	21.0	244	1	360	

DARLENE WULFF — CALCULATED-DESIGNED BY
REX HERVEY — CHECKED BY
PAT KELLEY — FUNCTIONAL SUPERVISOR
REVISED BY — DATE REVISED

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
MAINTENANCE
Caltrans

SUMMARY OF QUANTITIES
Q-1

LAST REVISION — DATE PLOTTED => 26-OCT-2010 — TIME PLOTTED => 15:14
00-00-00

BORDER LAST REVISED 7/2/2010 | USERNAME => s128033 | DGN FILE => 0300020159pa001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0481 | PROJECT NUMBER & PHASE 03000201591

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	Yol	113	11.3/22.0	9	12

REGISTERED CIVIL ENGINEER

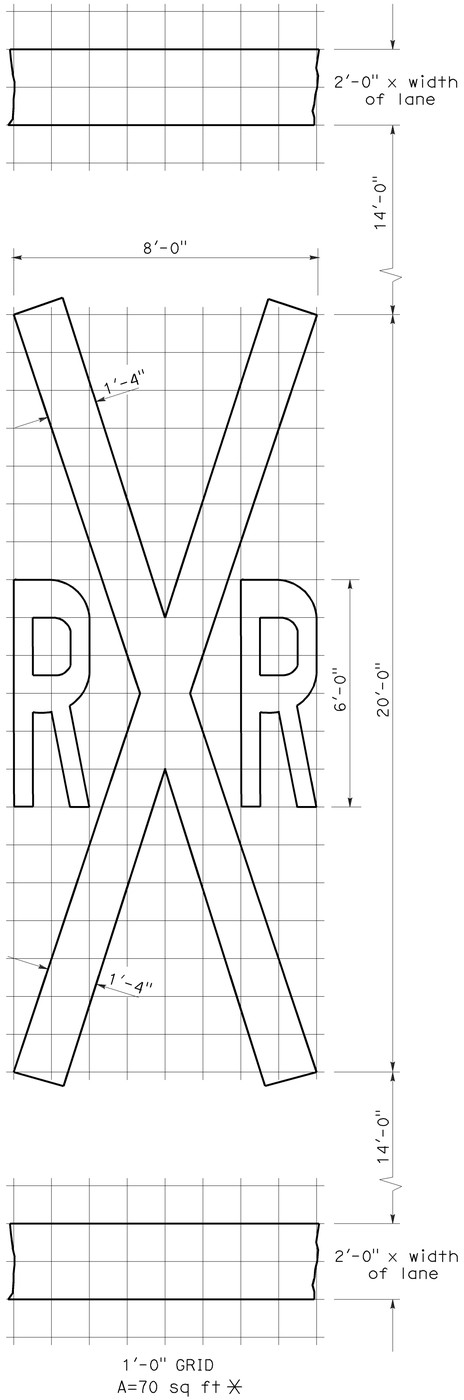
Donald E. Howe
No. C46402
Exp. 3-31-09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

June 6, 2008
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.

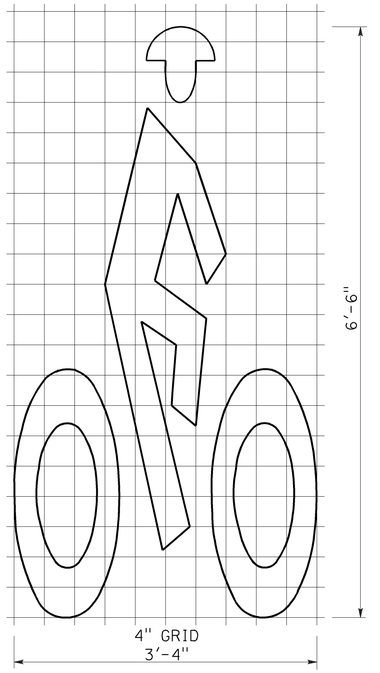
To accompany plans dated October 18, 2010

2006 REVISED STANDARD PLAN RSP A24C



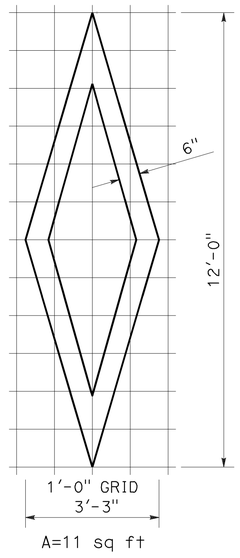
RAILROAD CROSSING SYMBOL

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



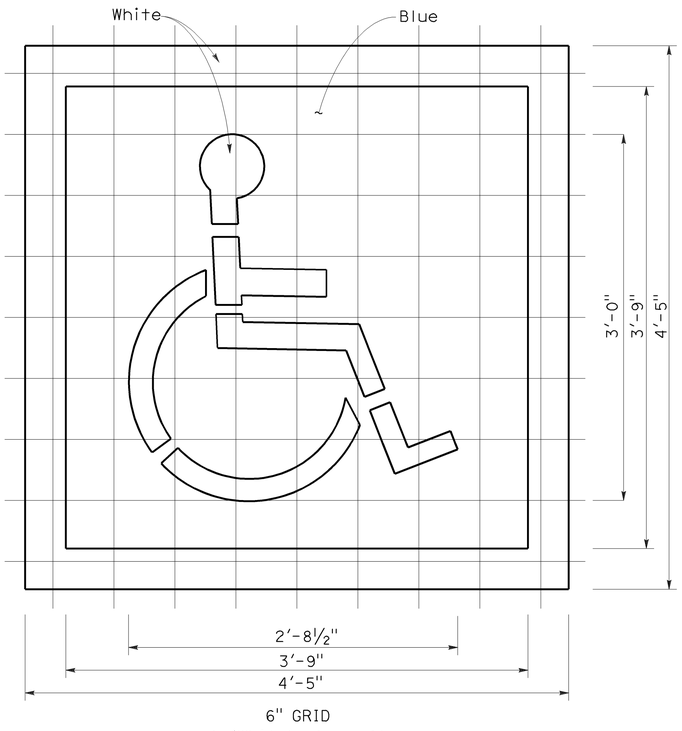
A=7 sq ft

BIKE LANE SYMBOL



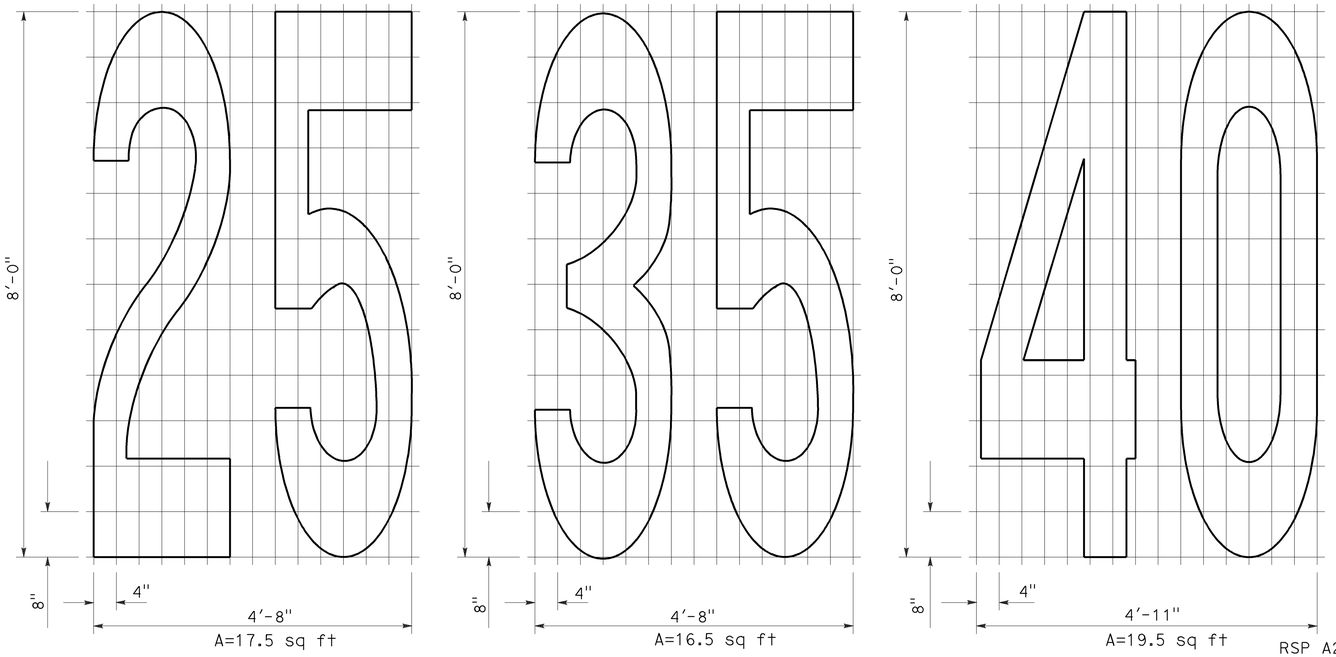
A=11 sq ft

DIAMOND SYMBOL

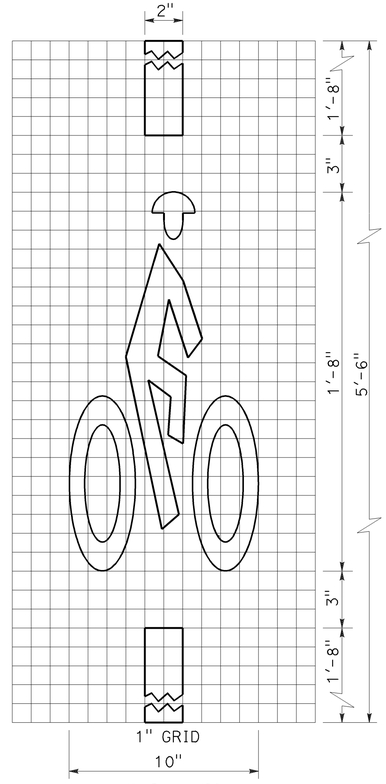


6" GRID
A (White) =9 sq ft
A (Blue) =14 sq ft

INTERNATIONAL SYMBOL OF ACCESSIBILITY MARKING



NUMERALS



A=2 sq ft

BICYCLE LOOP DETECTOR SYMBOL

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

5-27-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	Yol	113	11.3/22.0	11	12

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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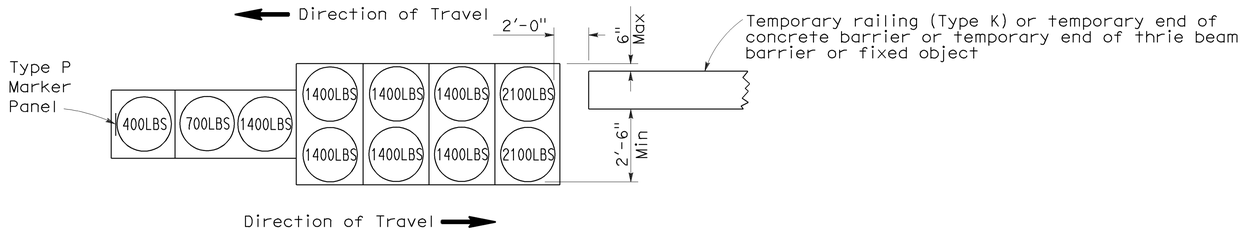
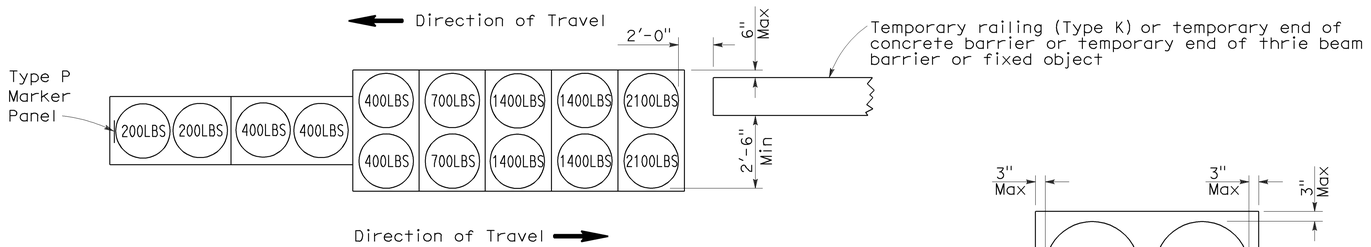
To accompany plans dated October 18, 2010



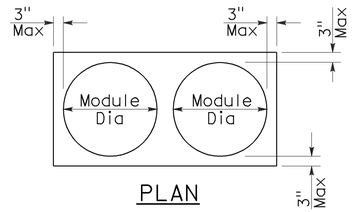
ARRAY 'TB11'

Approach speed less than 45 mph

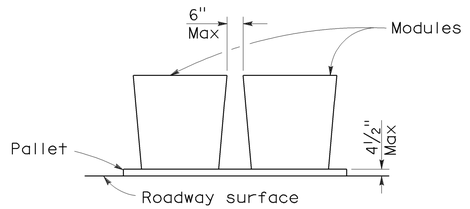


ARRAY 'TB14'

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
03	Yol	113	11.3/22.0	12	12

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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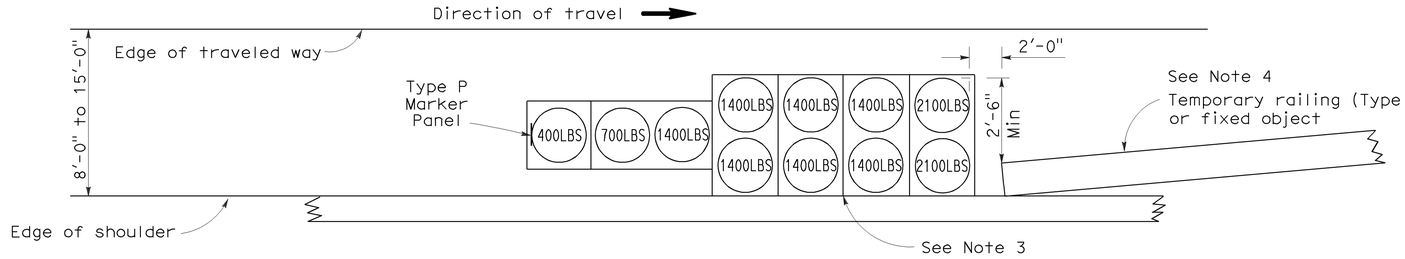
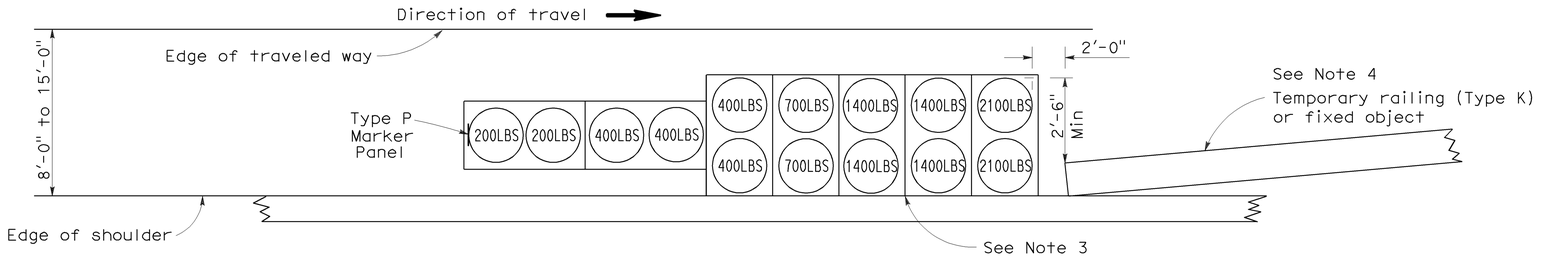
To accompany plans dated October 18, 2010



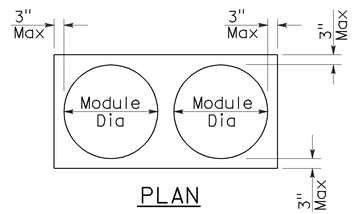
ARRAY 'TS11'

Approach speed less than 45 mph
See Note 9

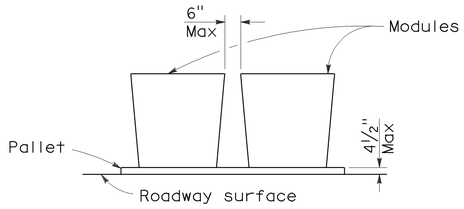


ARRAY 'TS14'

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

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	Yol	113	11.3/22.0	10	12

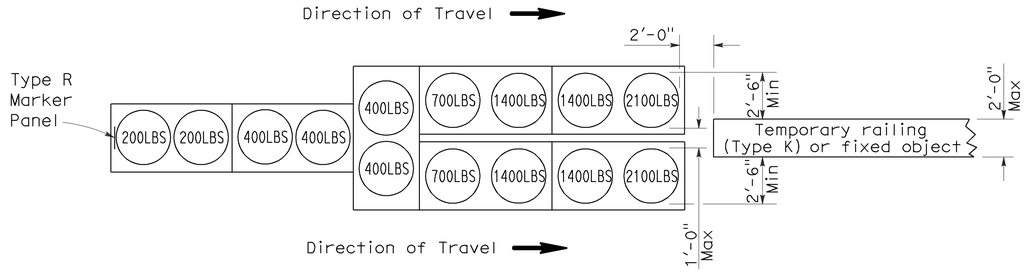
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

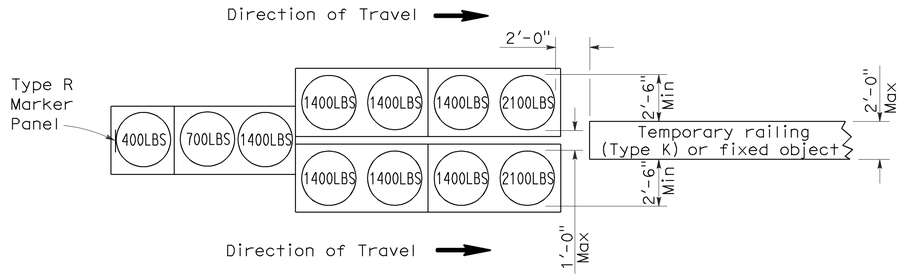
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated October 18, 2010



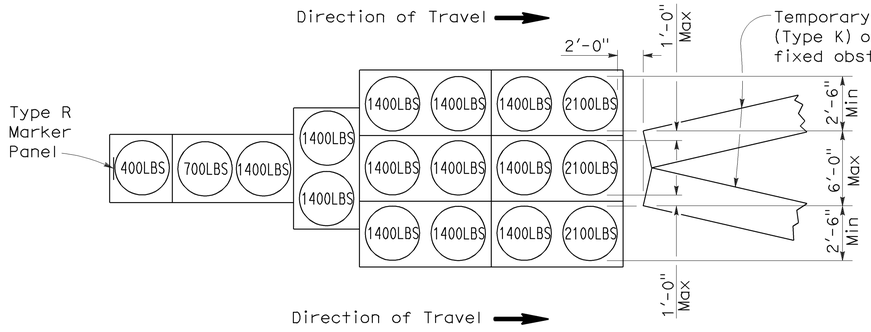
ARRAY 'TU14'

Approach speed 45 mph or more



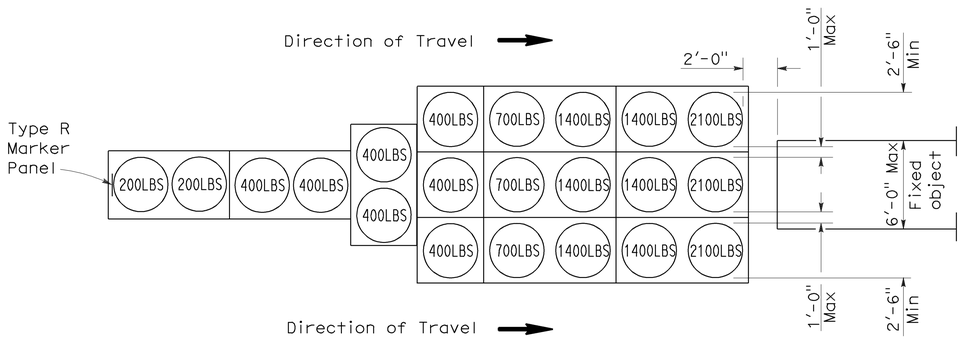
ARRAY 'TU11'

Approach speed less than 45 mph



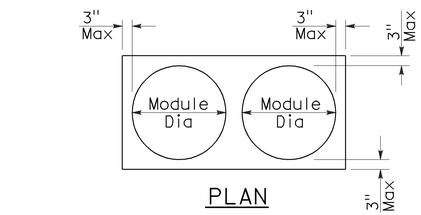
ARRAY 'TU17'

Approach speed less than 45 mph

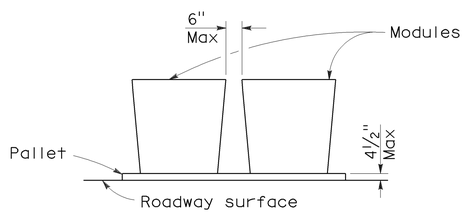


ARRAY 'TU21'

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

5-15-08