Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Mrn	1	19.0/22.8	1	10

INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE SHEET AND LOCATION MAP
2	TYPICAL CROSS SECTION
3	CONSTRUCTION DETAILS
4	CONSTRUCTION AREA SIGNS
5	PAVEMENT DELINEATION PLAN AND QUANTITIES
6	SUMMARY OF QUANTITIES
7 - 10	REVISED STANDARD PLANS

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

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

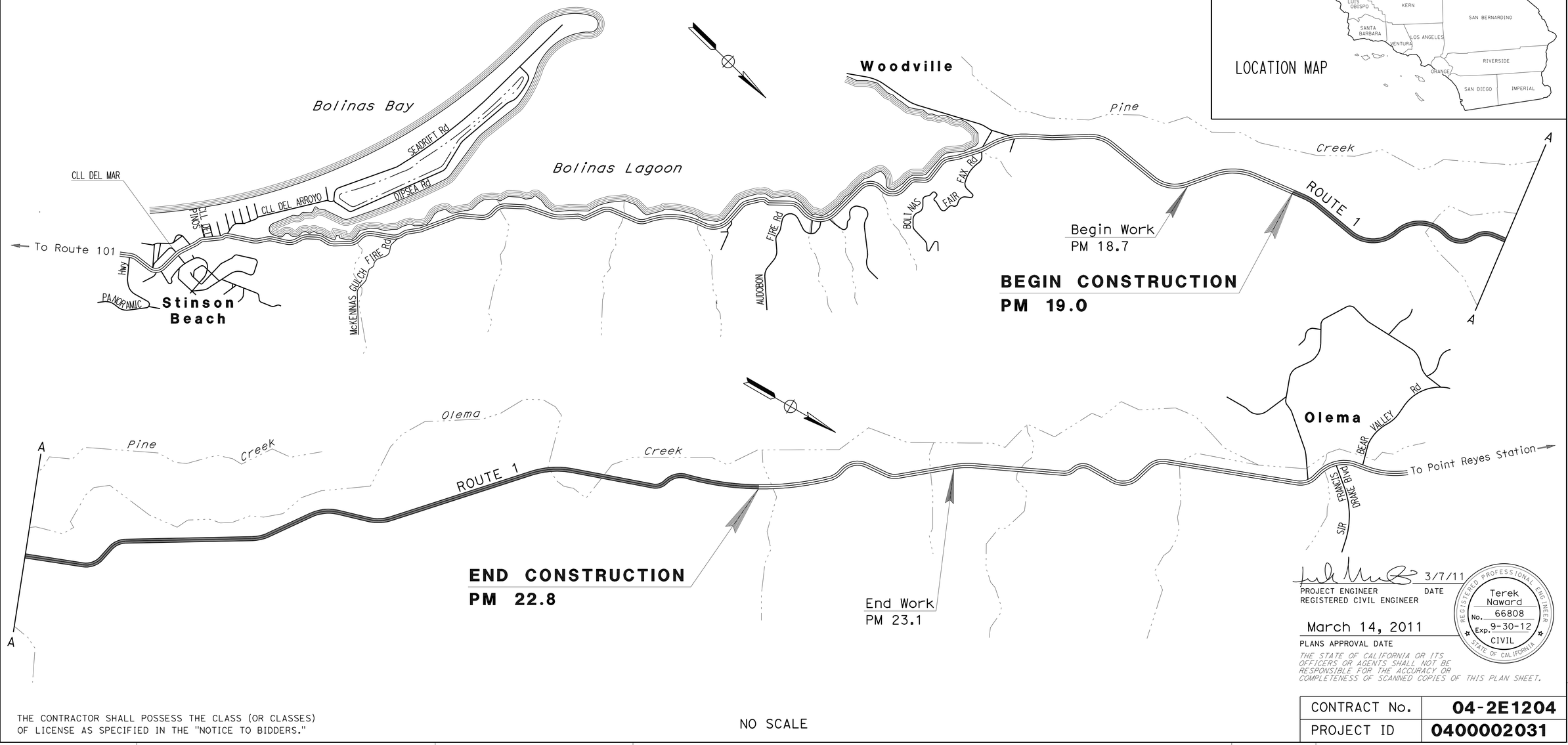
ACSTP-P001(556)E

PROJECT PLANS FOR CONSTRUCTION ON STATE HIGHWAY

IN MARIN COUNTY FROM 6.5 MILES NORTH OF PANORAMIC HIGHWAY TO 3.7 MILES SOUTH OF SIR FRANCIS DRAKE BOULEVARD

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

LOCATION MAP



PROJECT MANAGER: RAMSES SARGISS

DESIGN ENGINEER: RONNIE CHUA

3/7/11

PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

March 14, 2011

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Terek Naward
No. 66808
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.

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

NO SCALE

CONTRACT No.	04-2E1204
PROJECT ID	0400002031

LAST REVISION DATE PLOTTED => 21-MAR-2011
03-07-11 TIME PLOTTED => 15:18

BORDER LAST REVISED 7/2/2010 | CALTRANS WEB SITE IS: HTTP//WWW.DOT.CA.GOV/ | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => s130819 DGN FILE => 0400002031ab001.dgn | UNIT 0976 | PROJECT NUMBER & PHASE 04000020311

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Mrn	1	19.0/22.8	2	10

REGISTERED CIVIL ENGINEER — DATE 3/7/11

Terek Naward
No. 66808
Exp. 9-30-12
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

3-14-11
PLANS APPROVAL DATE

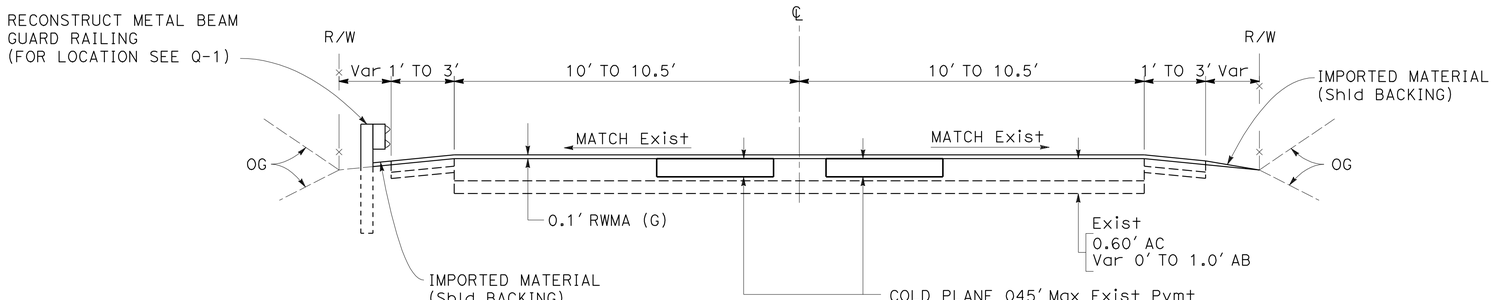
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. FOR COMPLETE RIGHT OF WAY DATA, SEE RIGHT OF WAY RECORD MAPS AT THE DISTRICT OFFICE.
2. DIMENSIONS OF THE STRUCTURES (STRUTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATION.
3. SUPERELEVATION AS SHOWN OR AS DIRECTED BY THE ENGINEER.
4. EXISTING UTILITY FACILITIES ARE NOT PLOTTED ON THESE PLANS.
5. ALL EXISTING PAVEMENT DELINEATION REMOVED SHALL BE REPLACED AT THE SAME LOCATION AS EXISTING.

ABBREVIATIONS:

RWMA (G) RUBBERIZED WARM MIX ASPHALT (GAP GRADED)
HMA HOT MIX ASPHALT



SOUTHBOUND NORTHBOUND

ROUTE 1
PM 19.0 TO 22.8

TYPICAL CROSS SECTION

NO SCALE

X-1

CALCULATED-DESIGNED BY: TEREK NAWARD
CHECKED BY: RONNIE CHUA
REVISED BY: TN
DATE REVISED: 3/7/11
FUNCTIONAL SUPERVISOR: RONNIE CHUA
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
DESIGN

LAST REVISION | DATE PLOTTED => 21-MAR-2011
03-07-11 | TIME PLOTTED => 15:18

BORDER LAST REVISED 7/2/2010 | USERNAME => s130819 | DGN FILE => 0400002031ca001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0976 | PROJECT NUMBER & PHASE 04000020311

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Mrn	1	19.0/22.8	3	10

3/7/11
REGISTERED CIVIL ENGINEER DATE

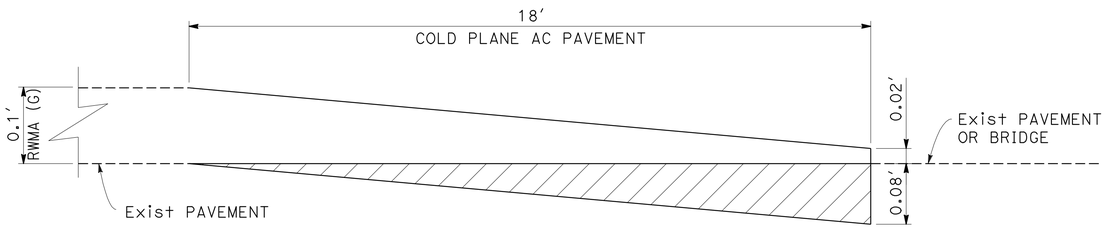
Terek Naward
No. 66808
Exp 9-30-12
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

3-14-11
PLANS APPROVAL DATE

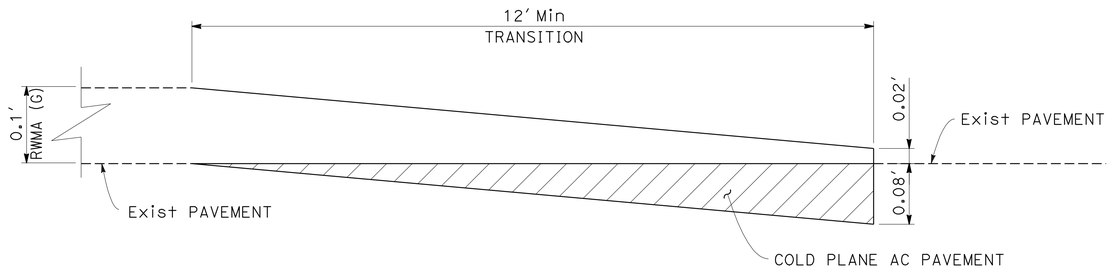
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:

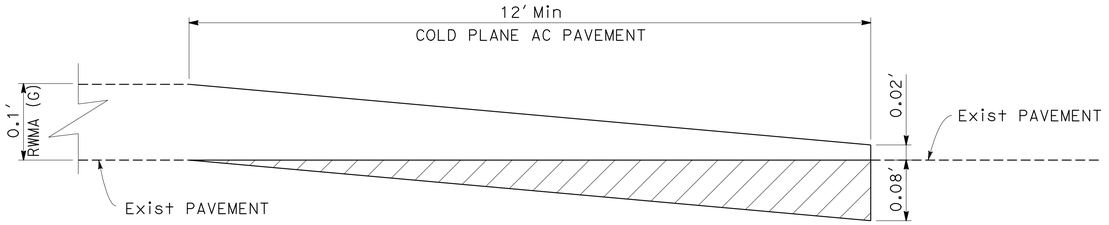
EXACT LIMITS OF PAVEMENT CONFORMS AT CROSS STREETS AND DRIVEWAYS TO BE DETERMINED BY THE ENGINEER.



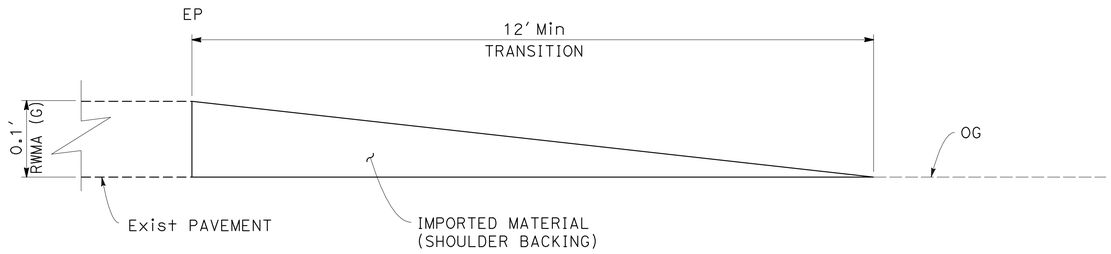
LONGITUDINAL PAVEMENT CONFORM



PAVED DRIVEWAY TRANSITION



PAVEMENT CONFORM AT CROSS STREETS



UNPAVED DRIVEWAY TRANSITION

CONSTRUCTION DETAILS

NO SCALE

C-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
DESIGN
FUNCTIONAL SUPERVISOR: RONNIE CHUA
CALCULATED-DESIGNED BY: TN
CHECKED BY: RONNIE CHUA
REVISED BY: TEREK NAWARD
DATE REVISED: 3/7/11

LAST REVISION: DATE PLOTTED => 21-MAR-2011
03-07-11 TIME PLOTTED => 15:18

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN No.	SIGN CODE		PANEL SIZE	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	No. OF SIGNS
	FEDERAL	CALIFORNIA				
1	G20-1		36" x 18"	ROAD WORK NEXT ____ MILES	1 - 4" x 4"	2
2	G20-2		36" x 18"	END ROAD WORK	1 - 4" x 4"	2
3		C40	72" x 36"	TRAFFIC FINES DOUBLED AT ____	2 - 4" x 6"	2

NOTES:

1. LOCATION OF CONSTRUCTION AREA SIGNS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
2. EXACT LOCATION OF PORTABLE CHANGEABLE MESSAGE SIGN TO BE DETERMINED BY THE ENGINEER.

LEGEND:

[No.] CONSTRUCTION AREA SIGN NUMBER

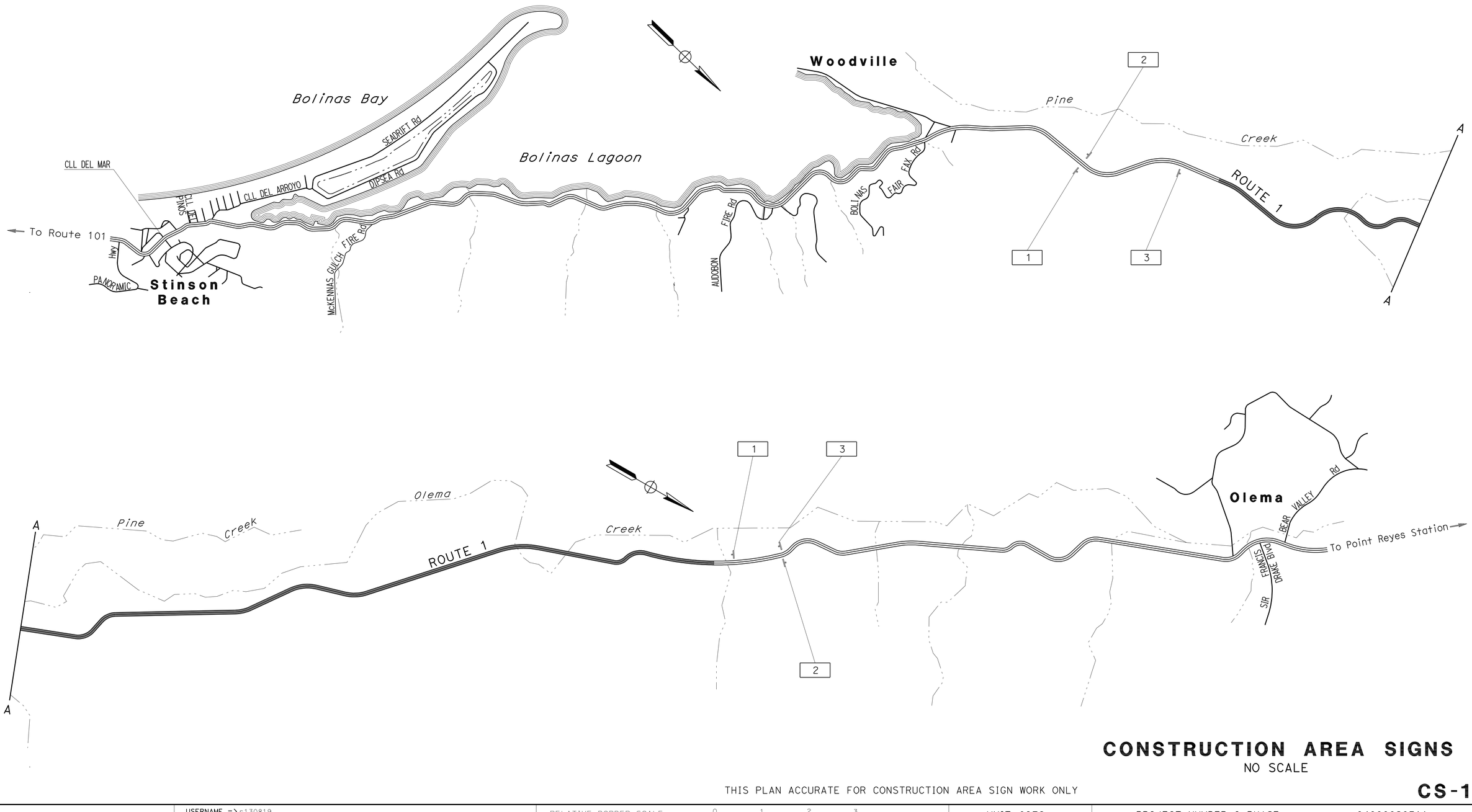
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Mrn	1	19.0/22.8	4	10

Jerilyn L. Struven — 3/7/11
REGISTERED CIVIL ENGINEER — DATE

3-14-11
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Jerilyn L. Struven — No. 49964 — Exp. 12-31-12 — CIVIL — STATE OF CALIFORNIA

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



CONSTRUCTION AREA SIGNS

NO SCALE

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

CS-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
TRAFFIC
FUNCTIONAL SUPERVISOR: ROLAND AU-YEUNG
CALCULATED-DESIGNED BY: HERMINIO S. RUIDERA
CHECKED BY: JERILYN L. STRUVEN
REVISED BY: HR
DATE REVISED: 3/7/11
LAST REVISION: DATE PLOTTED => 21-MAR-2011; TIME PLOTTED => 15:19; 03-07-11

BORDER LAST REVISED 7/2/2010
USERNAME => s130819
DGN FILE => 0400002031|a001.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0976
PROJECT NUMBER & PHASE 04000020311

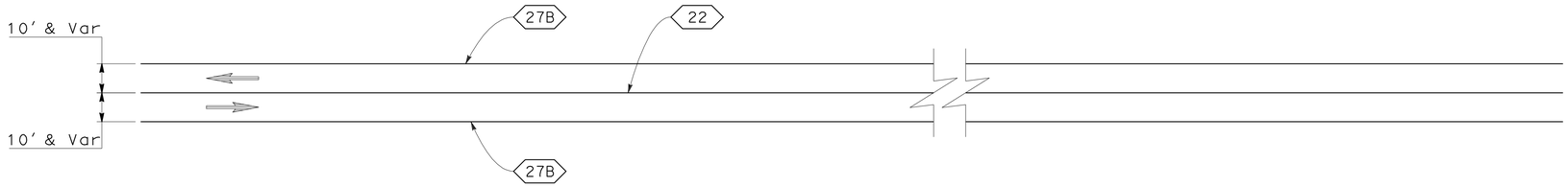
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Mrn	1	19.0/22.8	5	10

3/7/11
REGISTERED CIVIL ENGINEER DATE

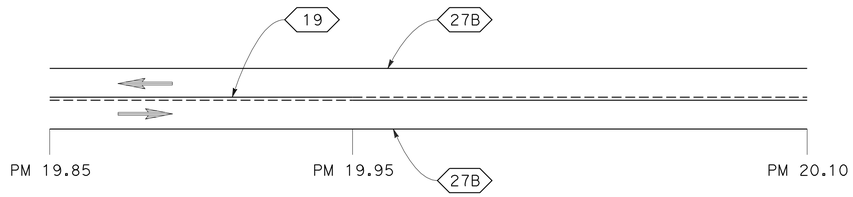
Terek Naward
No. 66808
Exp 9-30-12
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

3-14-11
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.



ROUTE 1
PM 19.0 TO 19.85
PM 20.1 TO 22.8



ROUTE 1
PM 19.85 TO 20.10

NOTE:
ALL PAVEMENT DELINEATION REMOVED SHALL BE PLACED ON EXISTING LOCATION EXCEPT AS DIRECTED BY THE ENGINEER.

LEGEND:
(No.) PAVEMENT DELINEATION DETAIL NUMBER
→ TRAFFIC DIRECTION

TRAFFIC STRIPES, PAVEMENT MARKINGS AND PAVEMENT MARKERS

SHEET No.	POST MILE		DETAIL No. OR PAVEMENT MARKING	THERMOPLASTIC TRAFFIC STRIPE			PAVEMENT MARKER (RETRO-REFLECTIVE)		REMOVE THERMOPLASTIC TRAFFIC STRIPE	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE	REMOVE PAVEMENT MARKER
				4" WHITE	4" YELLOW	8" WHITE	TYPE D	TYPE H			
				LF			EA		LF		EA
PD-1	19.00 TO 22.80	10' L+	27B	20064					20064		
	19.00 TO 22.80	10' R+	27B	20064					20064		
	19.00 TO 19.85	CENTER LINE	22		4488		380			4488	380
	19.85 TO 20.10	CENTER LINE	19		1320		30	60		1320	90
	20.10 TO 22.80	CENTER LINE	22		14260		1200			14260	1200
	20.90	10' R+	8" WHITE			100			100		
	21.95	10' L+	8" WHITE			180			180		
SUBTOTAL				40128	20068	280	1610	60	40408	20068	1670
TOTAL				60196		280	1670		40408	20068	1670

PAVEMENT DELINEATION PLAN AND QUANTITIES

SCALE: 1'' = 50'

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION WORK ONLY

PD-1

CALCULATED-DESIGNED BY	TN	REVISED BY		
CHECKED BY	3/7/11	DATE REVISED		
FUNCTIONAL SUPERVISOR: RONNIE CHUA	TEREK NAWARD			
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	RONNIE CHUA			
Caltrans®	DESIGN			

LAST REVISION 03-07-11 | DATE PLOTTED => 21-MAR-2011 | TIME PLOTTED => 15:19

BORDER LAST REVISED 7/2/2010 | USERNAME => s130819 | DGN FILE => 0400002031na001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0976 | PROJECT NUMBER & PHASE | 04000020311

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Mrn	1	19.0/22.8	6	10

3/7/11
REGISTERED CIVIL ENGINEER DATE

Terek Naward
No. 66808
Exp 9-30-12
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

3-14-11
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.

NOTE:
THE EXACT LOCATION OF THE THE COLD PLANE AREA TO BE DETERMINED BY THE ENGINEER.

ROADWAY QUANTITIES SUMMARY

POST MILE	LOCATION	RUBBERIZED WARM MIX ASPHALT (GAP GRADED)	HOT MIX ASPHALT (TYPE A)	TACK COAT	IMPORTED MATERIAL (SHOULDER BACKING)
		TON	TON	TON	TON
19.0 TO 22.8	NB (MAINLINE)	2100	320	22	250
19.0 TO 22.8	SB (MAINLINE)	2120	289	21	250
TOTAL		4220	609	43	500

ROADWAY QUANTITIES (MAIN LINE)
COLD PLANE AC PAVEMENT (0.45' MAXIMUM)

POST MILE	DIRECTION		WIDTH	LENGTH	DEPTH	COLD PLANE ASPHALT CONCRETE PAVEMENT (0.45' MIX)	HOT MIX ASPHALT (TYPE A)	TACK COAT
			FT	FT	FT	SQYD	TON	TON
19.000 TO 19.004	SB	NB	10, 10	18, 18	0.10	40		
19.016 TO 19.030	SB	NB	10, 10	25, 75	0.45	111	34	0.17
19.040 TO 19.055	SB	NB	10, 10	80, 90	0.45	189	57	0.29
19.217 TO 19.285	SB	NB	10, 10	360, 360	0.45	800	243	1.21
19.332 TO 19.352		NB	10, 10	110, 130	0.45	267	81	0.40
19.462 TO 19.467		NB	10	25	0.45	28	8	0.04
19.671 TO 19.690	SB	NB	10, 10	90, 110	0.45	222	68	0.34
19.864 TO 19.877	SB		10	70	0.45	78	24	0.12
20.137 TO 20.144		NB	10	35	0.45	39	12	0.06
20.185 TO 20.188		NB	10	15	0.45	17	5	0.03
21.080 TO 21.100	SB		10	100	0.45	111	34	0.17
22.500 TO 22.503	SB		10	50	0.45	56	17	0.08
22.796 TO 22.800		NB	10	15	0.45	17	5	0.03
	SB	NB	10, 10	18, 18	0.10	40		
TOTAL						2015	588	2.94

ALTERNATIVE FLARED TERMINATE SYSTEM

POST MILE	DIRECTION	EACH
21.66	SB	1
21.85	SB	1
TOTAL		2

RECONSTRUCT METAL BEAM GUARD RAILING

POST MILE	DIRECTION	F†
21.664 TO 21.853	SB	1000

CRACK TREATMENT

POST MILE	LNMI
19.0 TO 22.8	4

SUMMARY OF QUANTITIES

Q-1

CALCULATED-DESIGNED BY	TN	REVISED BY	3/7/11
CHECKED BY	TEREK NAWARD	DATE REVISED	
FUNCTIONAL SUPERVISOR	RONNIE CHUA		
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	RONNIE CHUA		
Caltrans®	DESIGN		

LAST REVISION | DATE PLOTTED => 21-MAR-2011
03-07-11 | TIME PLOTTED => 15:19

BORDER LAST REVISED 7/2/2010 | USERNAME => s130819 | DGN FILE => 0400002031pa001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0976 | PROJECT NUMBER & PHASE 04000020311

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Mrn	1	19.0/22.8	7	10

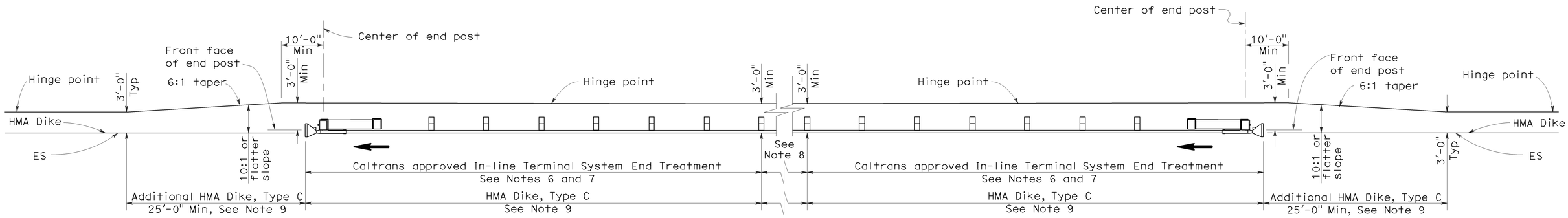
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

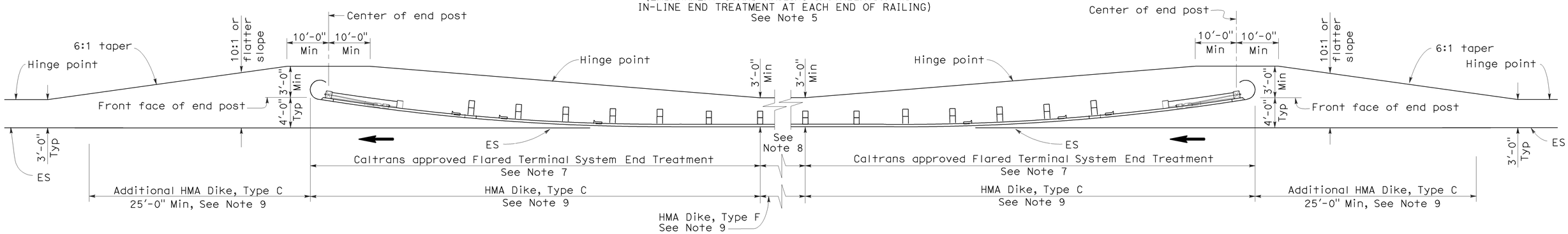
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 3-14-11



TYPE 11D LAYOUT

(EMBANKMENT GUARD RAILING INSTALLATION WITH IN-LINE END TREATMENT AT EACH END OF RAILING)
See Note 5



TYPE 11E LAYOUT

(EMBANKMENT GUARD RAILING INSTALLATION WITH FLARED END TREATMENT AT EACH END OF RAILING)
See Note 5

NOTES:

1. Line post, blocks and hardware to be used are shown on Standard Plans A77A1, A77A2, A77B1, A77C1 and A77C2.
2. Guard rail post spacing to be 6'-3" center to center, except as otherwise noted.
3. Except as noted, line posts are 6" x 8" x 6'-0" wood with 6" x 8" x 1'-2" wood blocks. W6 x 9 steel posts, 6'-0" in length, with 6" x 8" x 1'-2" notched wood blocks or plastic blocks may be used for 6" x 8" x 6'-0" wood post with 6" x 8" x 1'-2" wood blocks where applicable and when specified.
4. Direction of adjacent traffic indicated by ➡.
5. Layout Types 11D through 11L, shown on the A77E Series of Revised Standard Plans, are typically used where guard railing is recommended to shield embankment slopes and a crashworthy end treatment is required for both directions of traffic.
6. In-line Terminal System End Treatments are used where site conditions will not accommodate a flared end treatment.
7. The type of terminal system end treatment to be used will be shown on the Project Plans.
8. Dependent on site conditions (embankment height and side slope), construction of additional guard railing (length equal to multiples of 12'-6" with 6'-3" post spacing) may be advisable.
9. Where placement of dike is required with guard railing installations, see Revised Standard Plan RSP A77C4 for dike positioning details.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

METAL BEAM GUARD RAILING TYPICAL LAYOUTS FOR EMBANKMENTS

NO SCALE

RSP A77E2 DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN A77E2
DATED MAY 1, 2006 - PAGE 49 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP A77E2

2006 REVISED STANDARD PLAN RSP A77E2

12-10-07

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Mrn	1	19.0/22.8	8	10

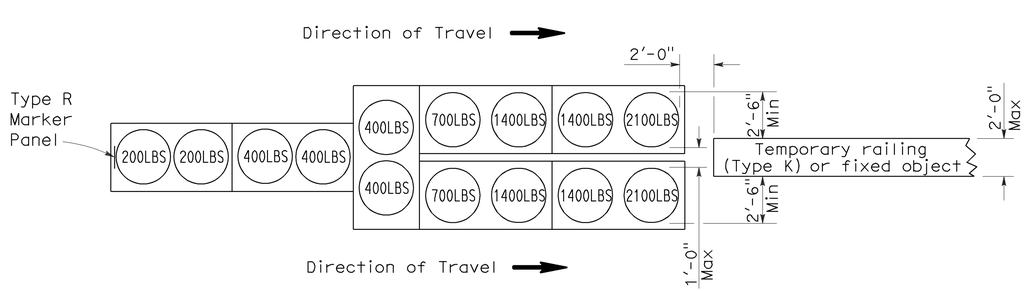
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

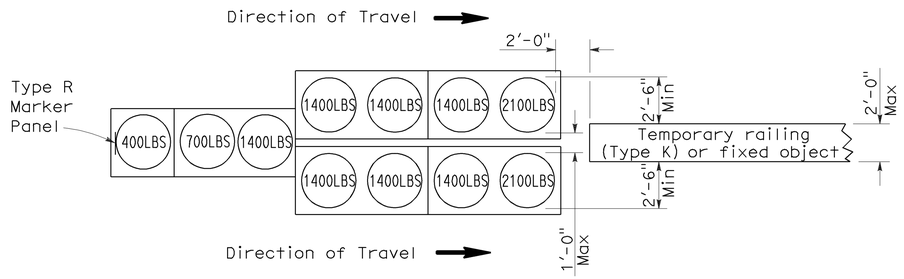
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 3-14-11



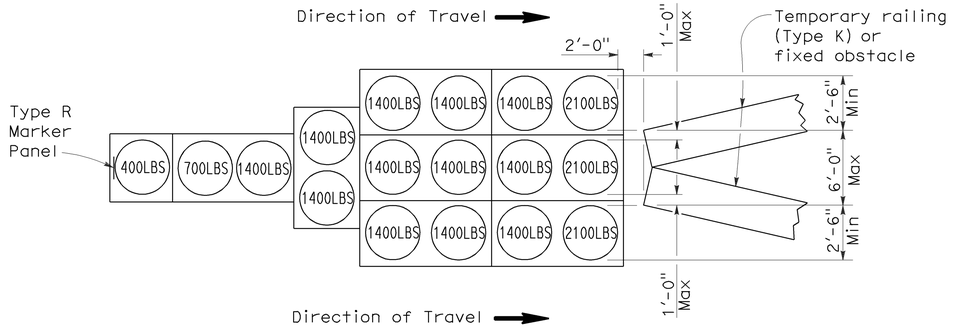
ARRAY 'TU14'

Approach speed 45 mph or more



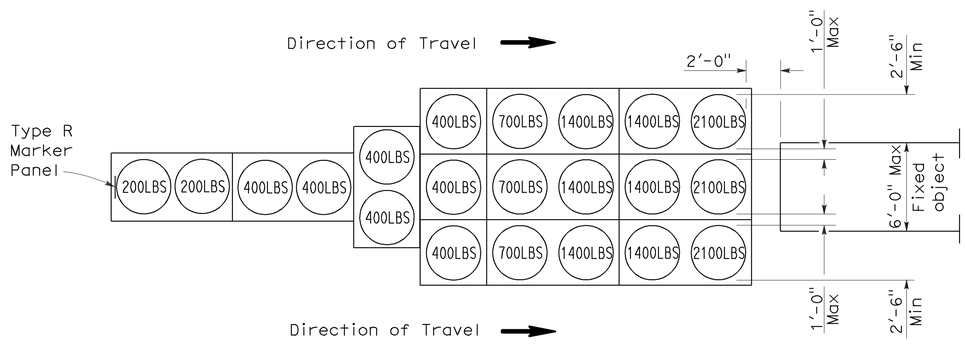
ARRAY 'TU11'

Approach speed less than 45 mph



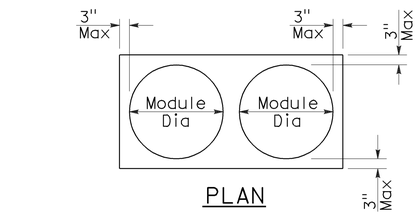
ARRAY 'TU17'

Approach speed less than 45 mph

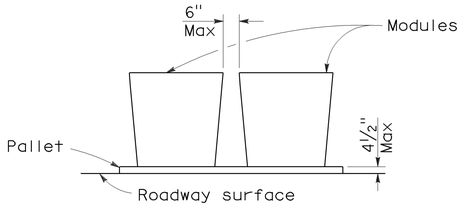


ARRAY 'TU21'

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

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Mrn	1	19.0/22.8	9	10

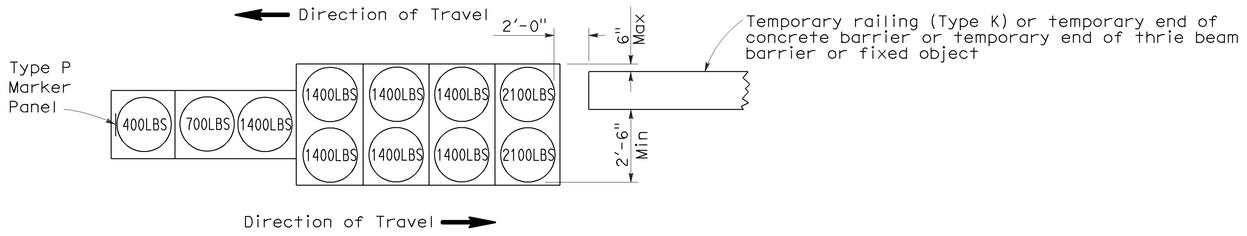
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

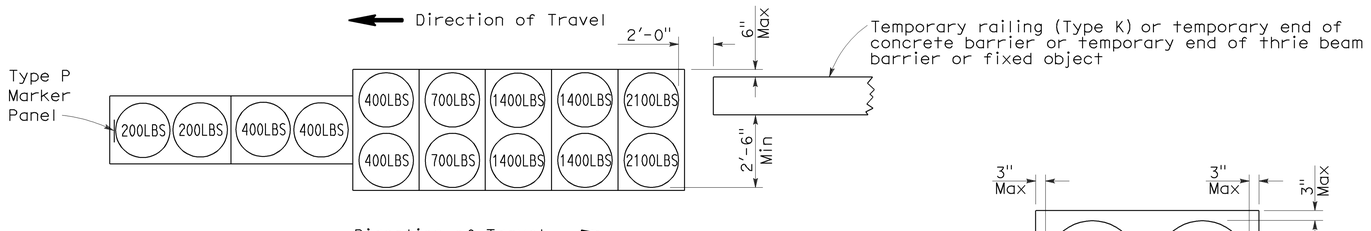
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 3-14-11



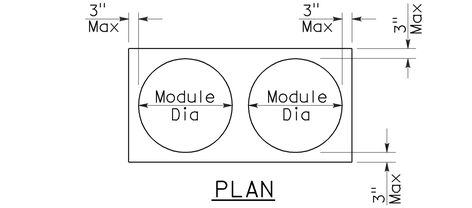
ARRAY 'TB11'

Approach speed less than 45 mph

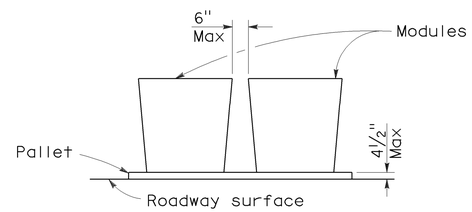


ARRAY 'TB14'

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
04	Mrn	1	19.0/22.8	10	10

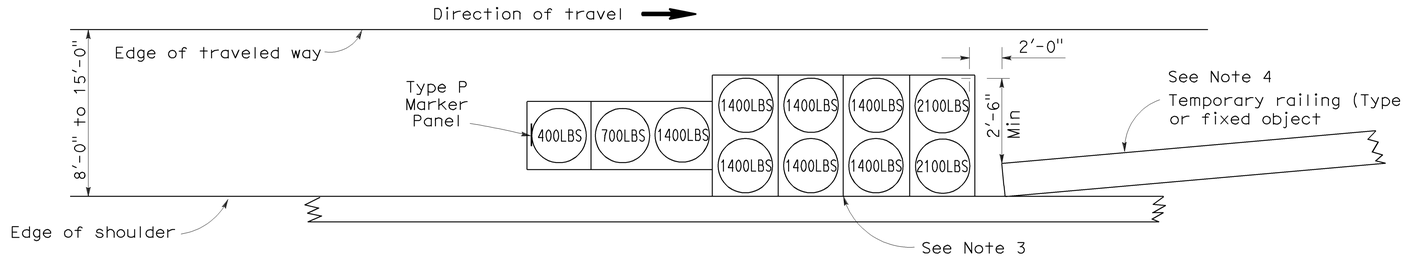
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

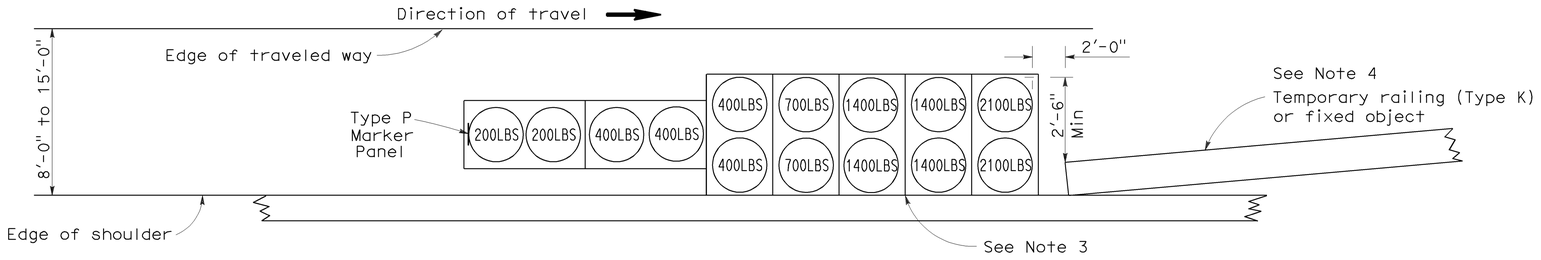
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 3-14-11



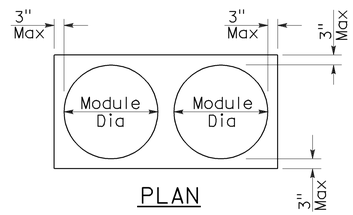
ARRAY 'TS11'

Approach speed less than 45 mph
See Note 9

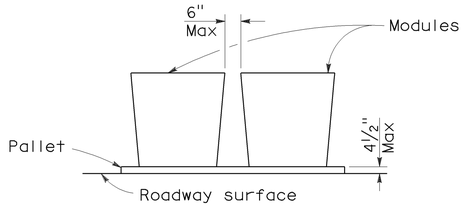


ARRAY 'TS14'

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