

INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2	CONSTRUCTION AREA SIGNS AND PAVEMENT DELINEATION QUANTITIES
3-6	REVISED STANDARD PLANS

STRUCTURE PLANS

7-9 ROUTES 4, 152 BRIDGES

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 MERCED AND SAN JOAQUIN COUNTIES
AT VARIOUS LOCATIONS

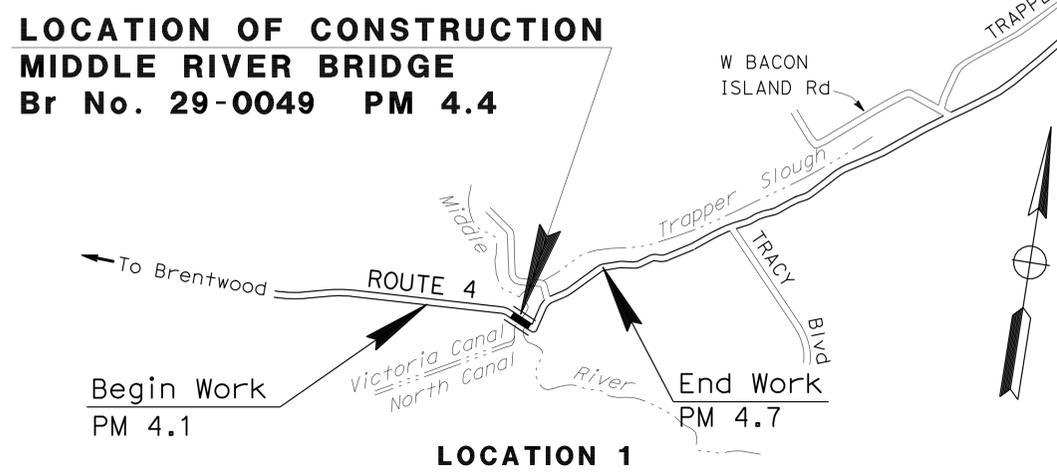
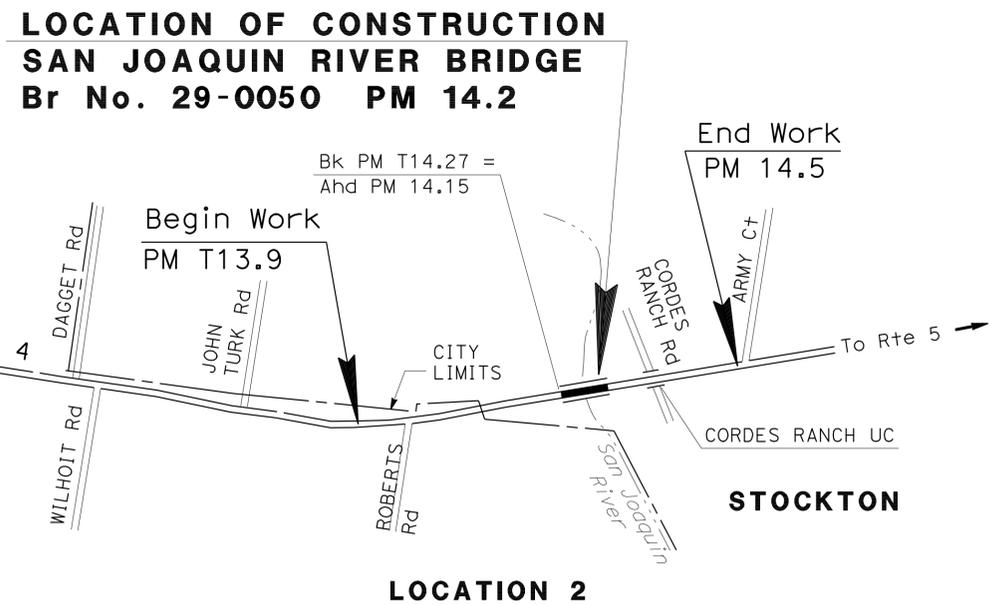
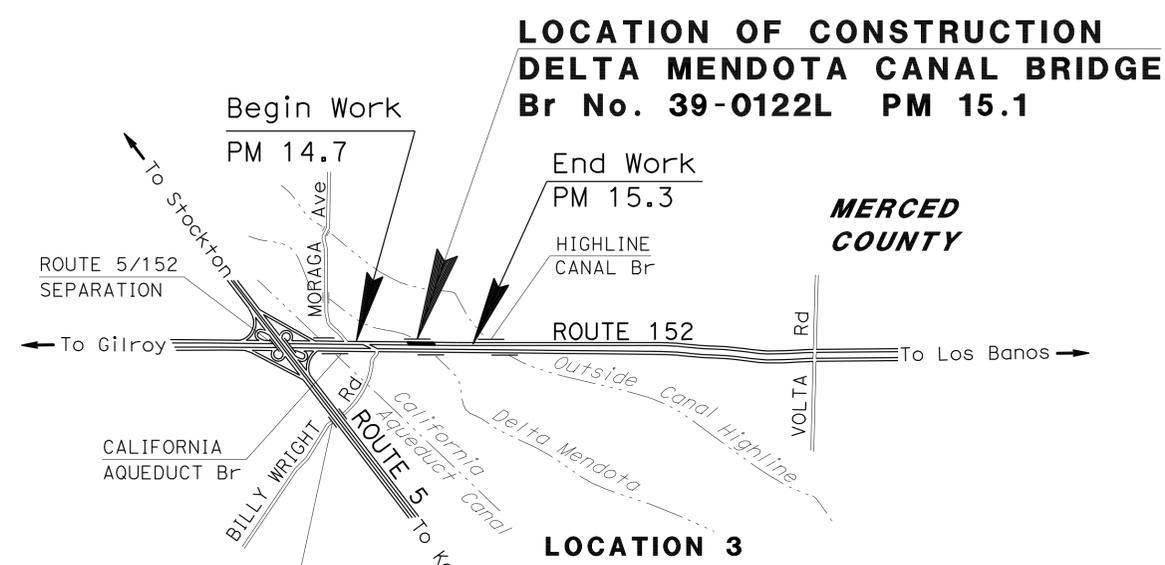
TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer, SJ	4, 152	Var	1	9





LOCATION MAP



Rhodel De Claro 12/1/09
 PROJECT ENGINEER REGISTERED CIVIL ENGINEER DATE
 January 25, 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.

REGISTERED PROFESSIONAL ENGINEER
 RHODEL De CLARO
 No. 74058
 Exp. 6/30/11
 CIVIL
 STATE OF CALIFORNIA

PROJECT MANAGER
 ALVIN MANGINDIN
 DESIGN ENGINEER
 ALVIN MANGINDIN

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

NO SCALE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - MAINTENANCE

Et Caltrans

FUNCTIONAL SUPERVISOR: ALVIN MANGINDIN

CALCULATED-DESIGNED BY: JOSE ALICEA II

CHECKED BY: RHODEL De CLARO

REVISOR: RDC

DATE REVISED: 12/1/09

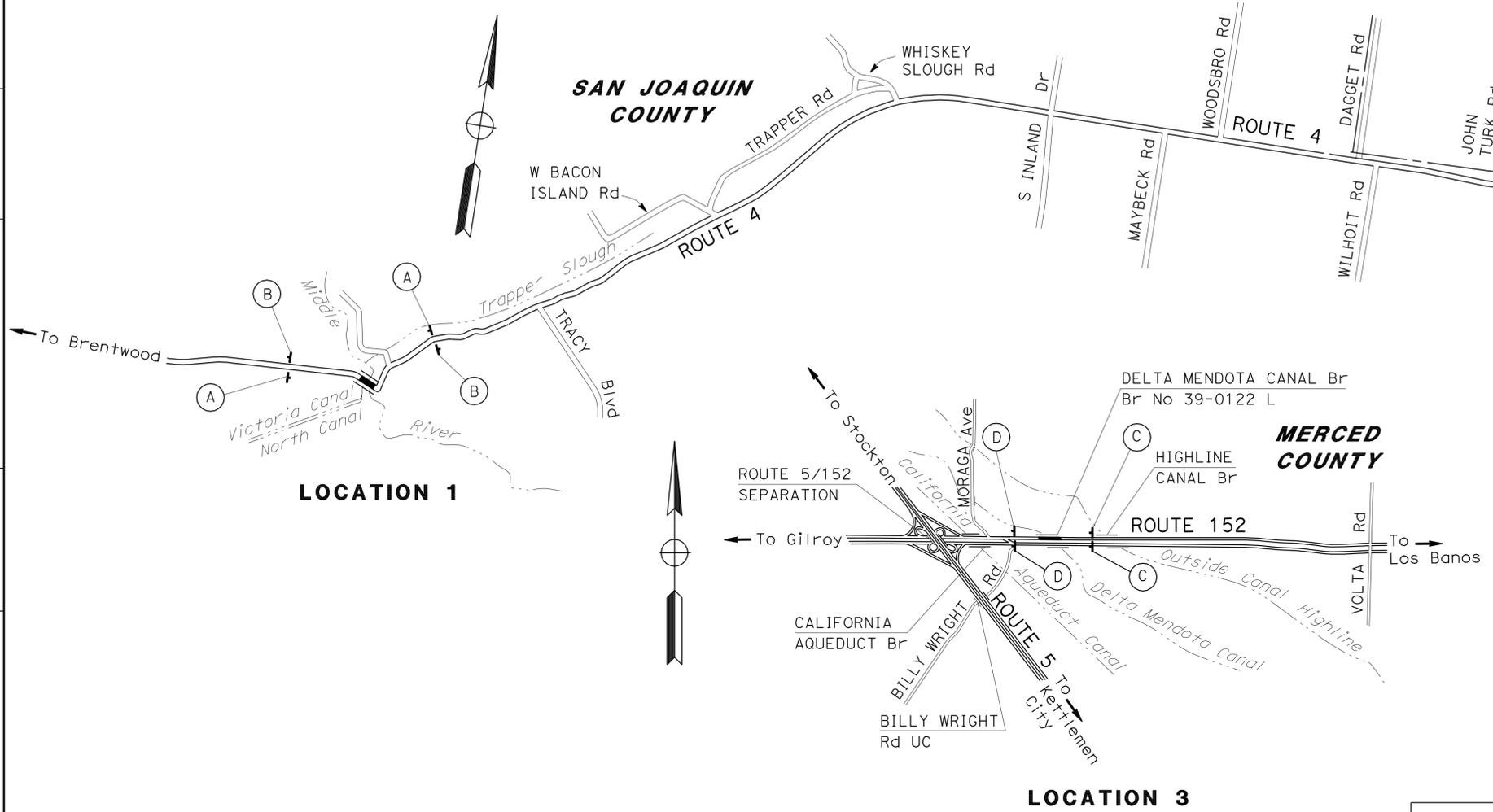
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer, SJ	4,152	Var	2	9

Rhodell DeClaro 12/1/09
 REGISTERED CIVIL ENGINEER DATE

1-25-10
 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.

REGISTERED PROFESSIONAL ENGINEER
 RHODEL De CLARO
 No. 74058
 Exp. 06/30/11
 CIVIL
 STATE OF CALIFORNIA



STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN No.	SIGN CODE	PANEL SIZE	No. OF POSTS AND SIZE	No. OF SIGNS	SIGN MESSAGE
(A)	W20-1	36" x 36"	1 - 4" x 4"	5	ROAD WORK AHEAD
(B)	G20-2	36" x 18"	1 - 4" x 4"	4	END ROAD WORK
(C)	W20-1	48" x 48"	1 - 6" x 6"	2	ROAD WORK AHEAD
(D)	G20-2	48" x 24"	1 - 4" x 6"	2	END ROAD WORK

NOTE: THE EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.

TRAFFIC MANAGEMENT SYSTEM ELEMENTS (EXISTING)

PM	SIDE	LOCATION	TYPE	DESCRIPTION
4.4	BOTH	ROUTE 4 AT MIDDLE RIVER BRIDGE	TMS	TRAFFIC MONITORING STATION
T14.0	BOTH	ROUTE 4 AT ROBERTS ISLAND ROAD	TMS	TRAFFIC MONITORING STATION
15.1	WB	ROUTE 152 EAST OF ROUTE 5	CMS	CHANGEABLE MESSAGE SIGN

PAVEMENT DELINEATION ITEMS

LOCATION	4" THERMOPLASTIC TRAFFIC STRIPE				THERMOPLASTIC PAVEMENT MARKING	REMOVE PAVEMENT MARKER	PAVEMENT MARKER (RETROREFLECTIVE)				
	YELLOW		WHITE				TYPE V ARROW	REMOVE PAVEMENT MARKER	TYPE D	TYPE H	TYPE G
	DETAIL 22	DETAIL 25	DETAIL 12	DETAIL 27B					DETAIL 22	DETAIL 25	DETAIL 12
	LF				SQFT	EA	EA				
①	1094					46			46		
②	604					26			26		
③		108	108	108	66	6	3	3			
SUBTOTAL	1698	108	108	108	66	78	3	3	72		
TOTAL	2022				66	78	78				

CONSTRUCTION AREA SIGNS AND PAVEMENT DELINEATION QUANTITIES

NO SCALE

CS-1

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	Mer, SJ	4,152	Var	3	9

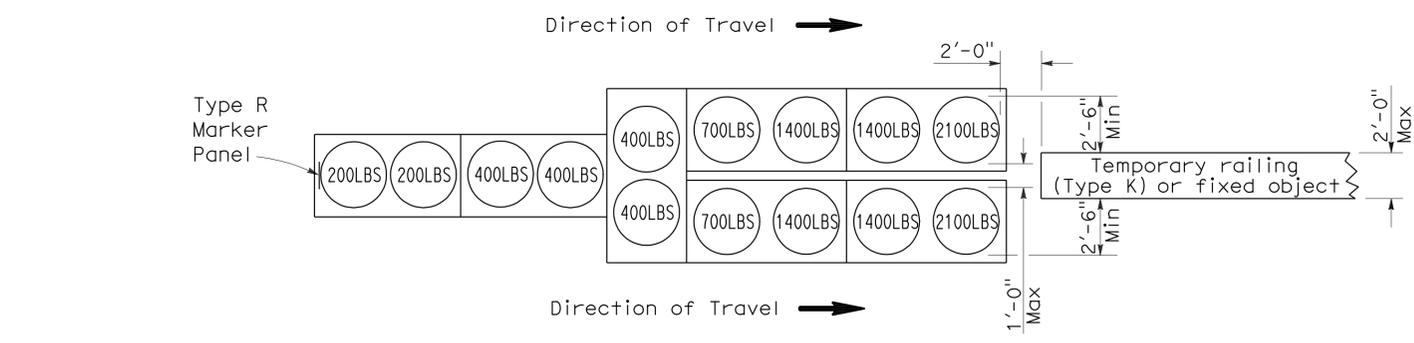
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

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.

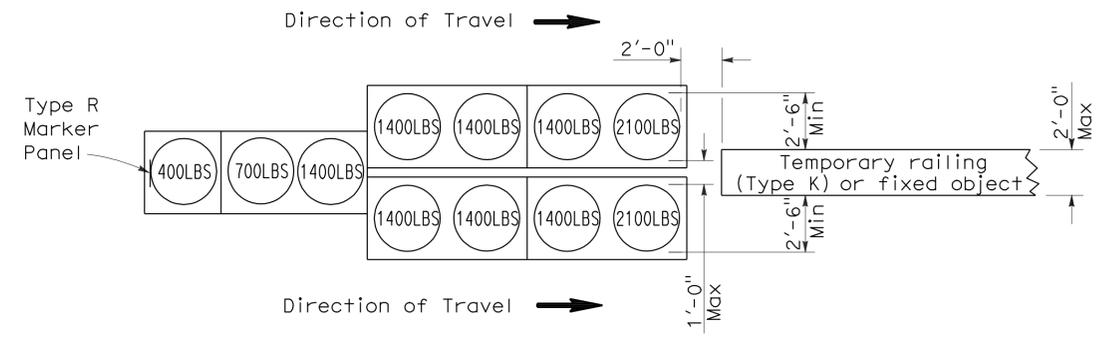
REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

To accompany plans dated 1-25-10



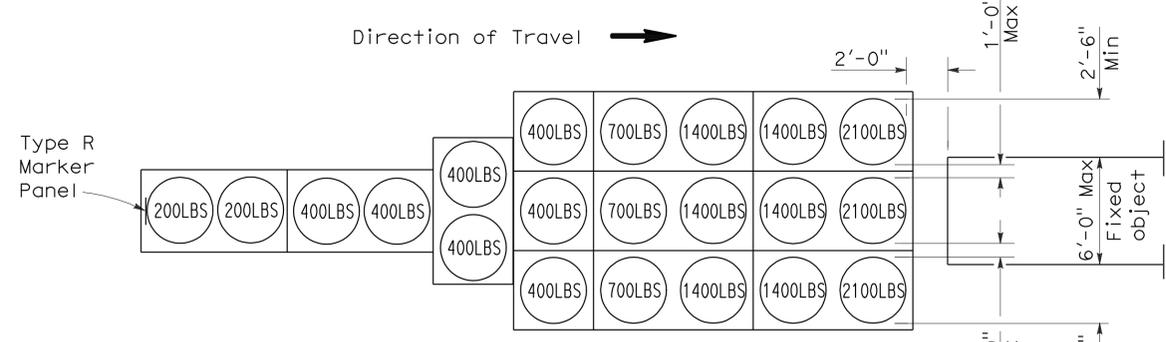
ARRAY 'TU14'

Approach speed 45 mph or more



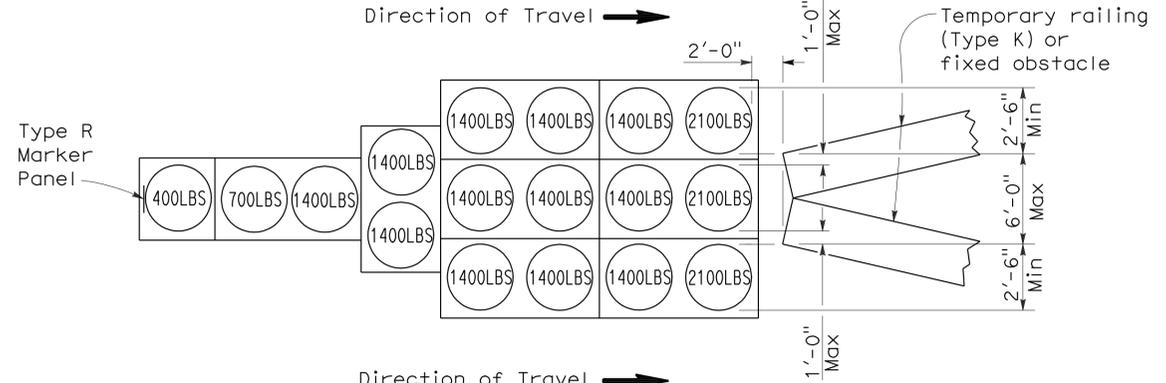
ARRAY 'TU11'

Approach speed less than 45 mph



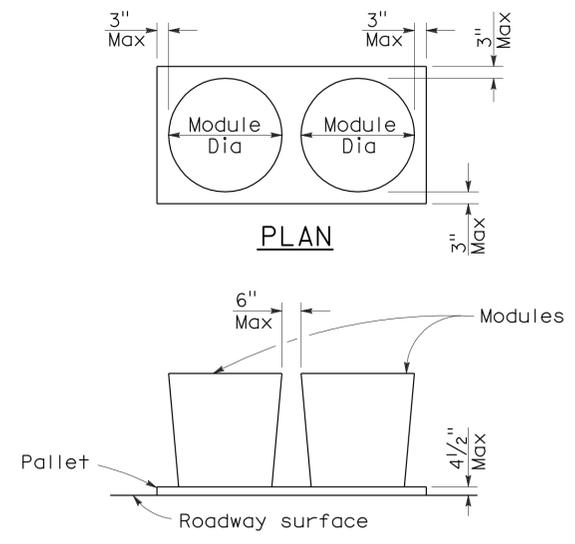
ARRAY 'TU21'

Approach speed 45 mph or more



ARRAY 'TU17'

Approach speed less than 45 mph



CRASH CUSHION PALLET DETAIL
See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the top of Type R marker panel 1" below the module lid.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TEMPORARY CRASH CUSHION,
SAND FILLED
(UNIDIRECTIONAL)**

NO SCALE

RSP T1A DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1A
DATED MAY 1, 2006 - PAGE 211 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1A

2006 REVISED STANDARD PLAN RSP T1A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	Mer, SJ	4,152	Var	4	9

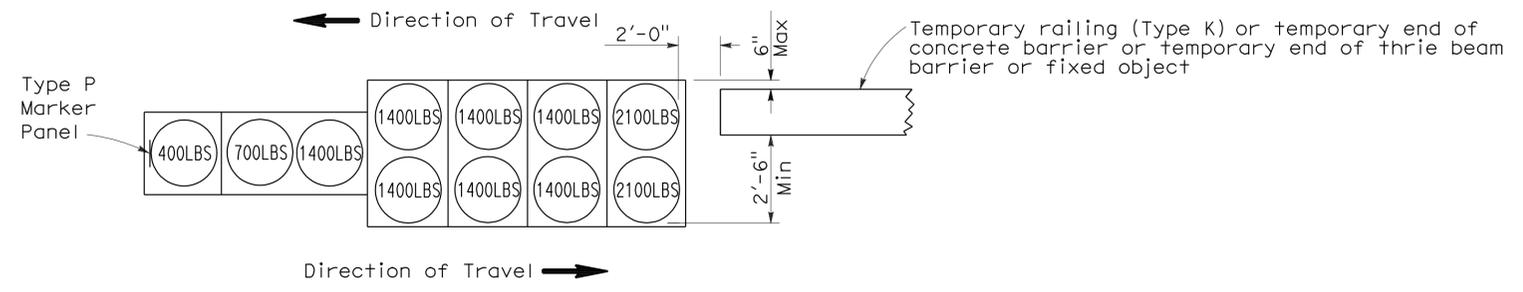
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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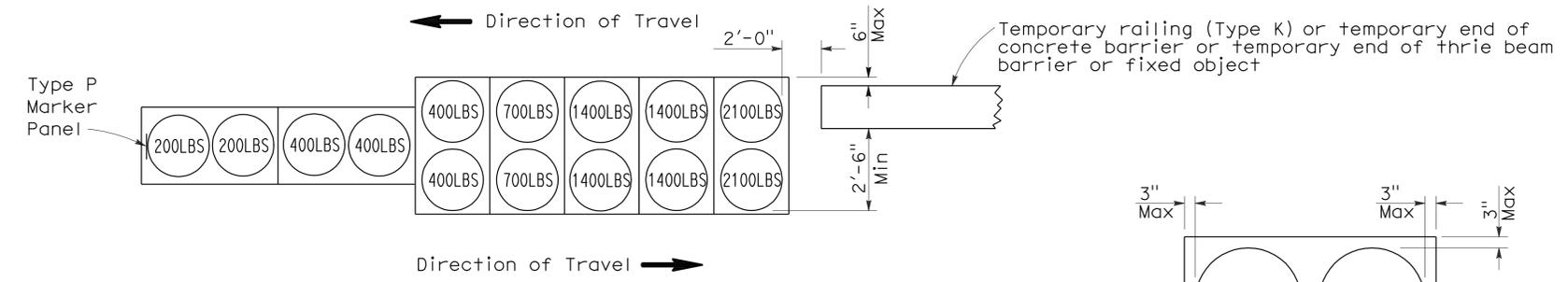
REGISTERED PROFESSIONAL ENGINEER
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

To accompany plans dated 1-25-10



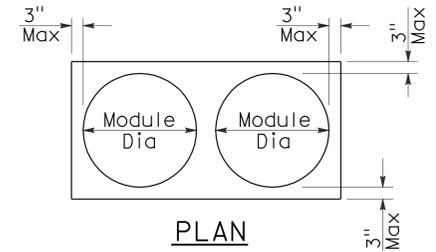
ARRAY 'TB11'

Approach speed less than 45 mph

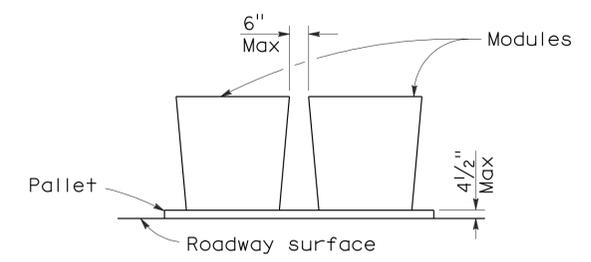


ARRAY 'TB14'

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

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	Mer, SJ	4,152	Var	5	9

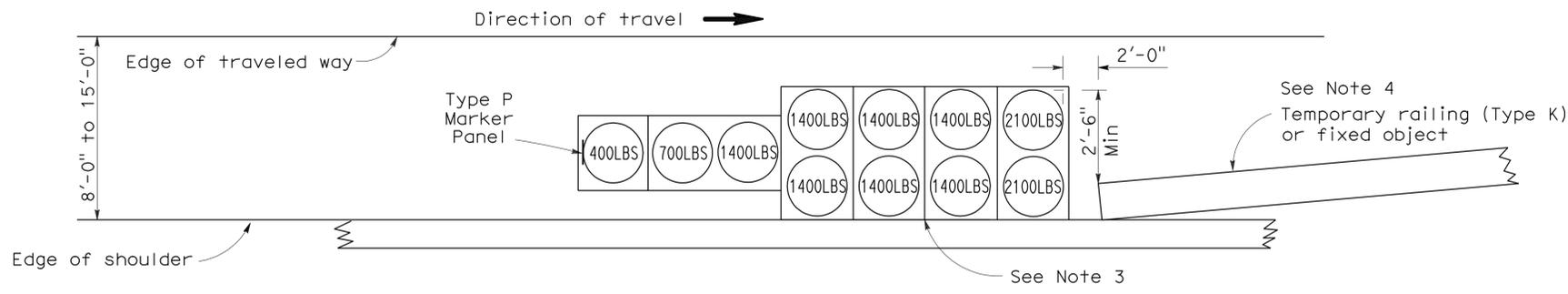
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

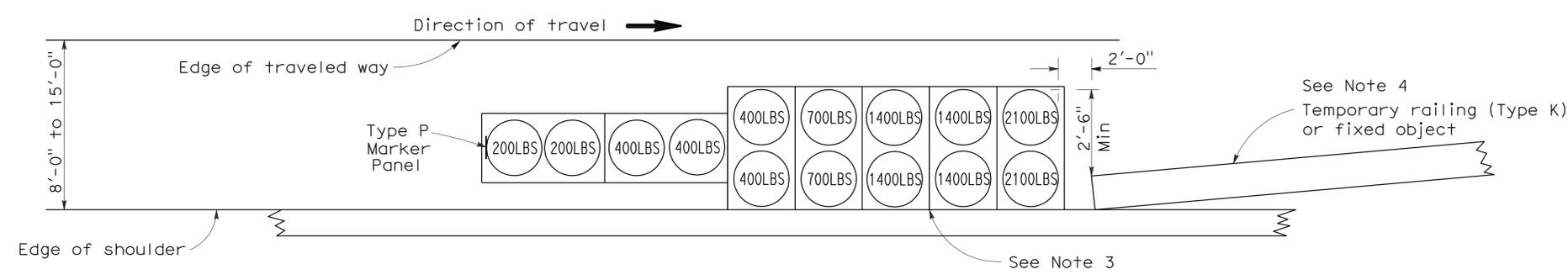
Randell D. Hiatt
REGISTERED PROFESSIONAL ENGINEER
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

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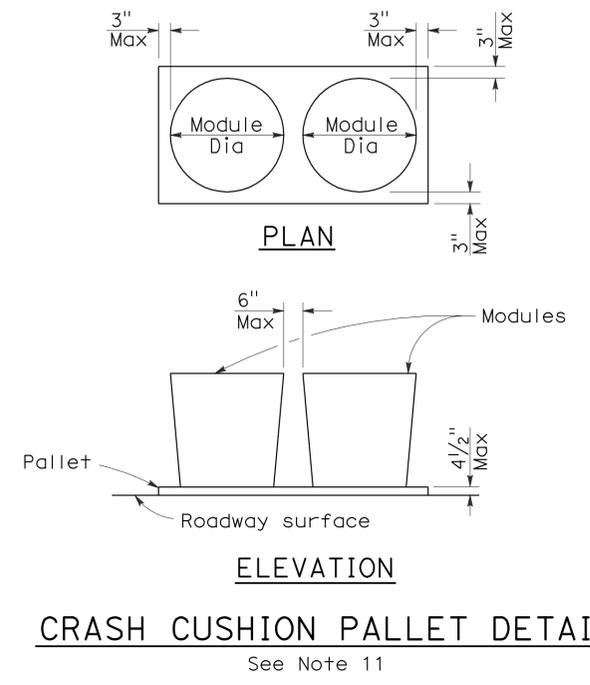
To accompany plans dated 1-25-10



ARRAY 'TS11'
Approach speed less than 45 mph
See Note 9



ARRAY 'TS14'
Approach speed 45 mph or more
See Note 9



NOTES:

- (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.
- All sand weights are nominal.
- 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.
- 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.
- Temporary crash cushion arrays shall not encroach on the traveled way.
- Arrays for median shoulders shall conform to details shown on this plan for outside shoulders.
- Place the Type P marker panel so that the bottom of the panel rests upon the pallet and faces traffic.
- Refer to Standard Plan A73B for marker details.
- 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.
- Approach speeds indicated conform to NCHRP 350 Report criteria.
- Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

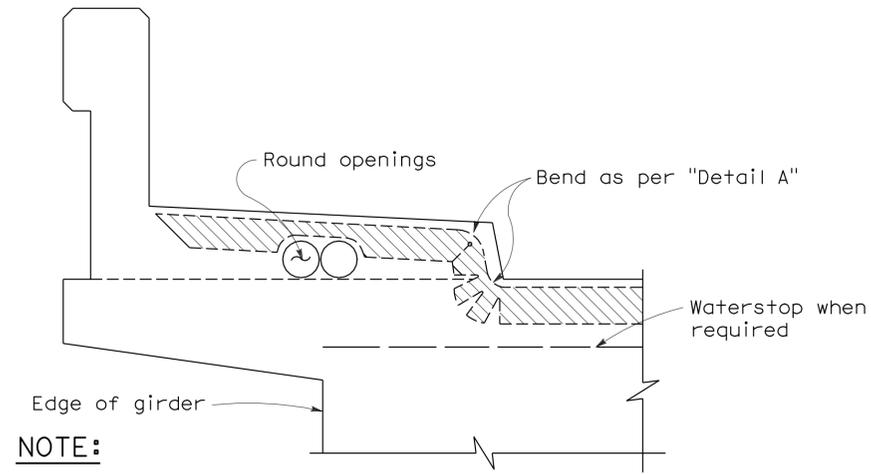
**TEMPORARY CRASH CUSHION,
SAND FILLED
(SHOULDER INSTALLATIONS)**

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.

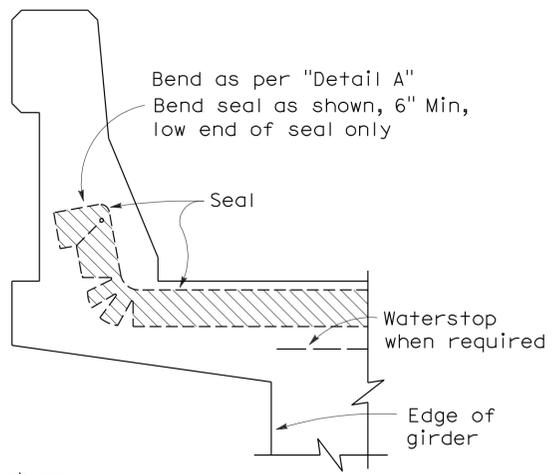
REVISED STANDARD PLAN RSP T2

2006 REVISED STANDARD PLAN RSP T2

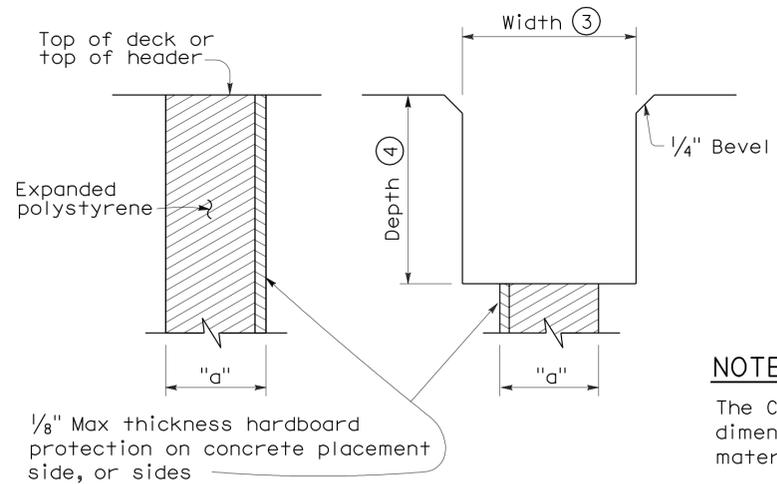


NOTE:
 Type "B" seal shown. Type "A" seals to conform to the general path of seal shown, cuts for bending not required. Bend Type "A" seals 3" up into curb or barrier rail on only the low end of the seal.

CONCRETE BARRIER AND SIDEWALK



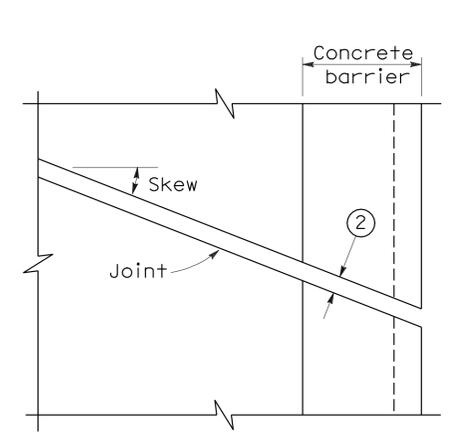
CONCRETE BARRIER



FORMING DETAIL SAWCUT DETAIL

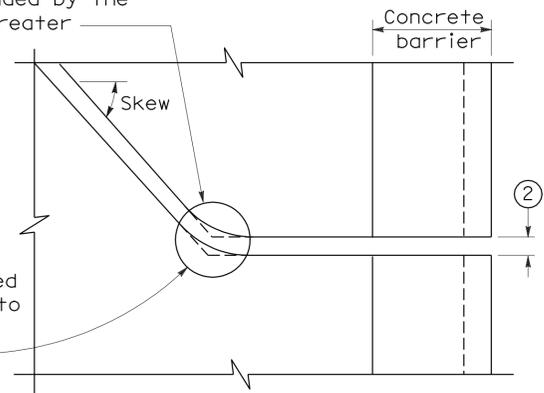
NOTE:
 The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.

JOINT SEALS DETAILS



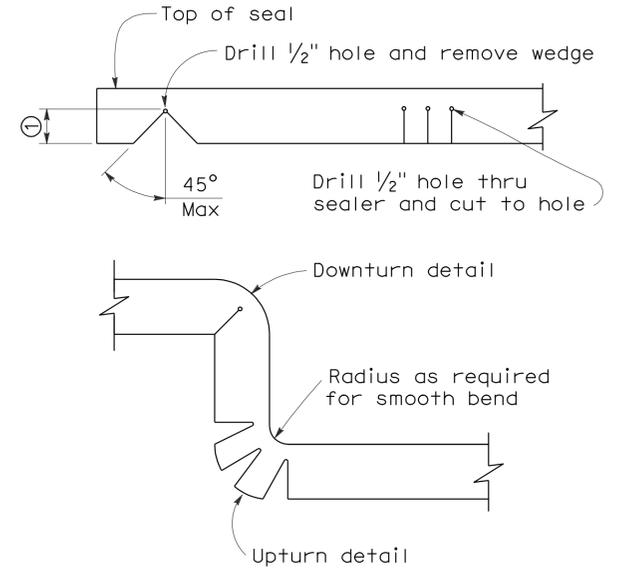
PLAN OF JOINT (SKEW ≤ 20°)

Min ϕ radius to be 4 times uncompressed width of seal or as recommended by the manufacturer, whichever is greater



PLAN OF JOINT (SKEW > 20°)

In lieu of saw cutting, this area may be blocked out and reconstructed to match saw cutting on both sides.



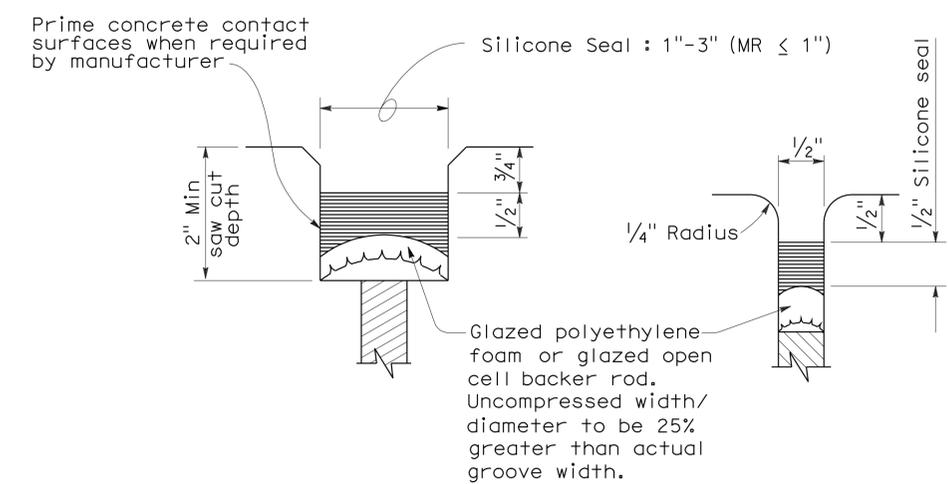
DETAIL A

- NOTES:**
- Make smooth cuts from the bottom of seal to 1 1/2" clear of top leaving at least one complete cell between the top of the cut and top of the seal. When necessary cut back of seal to clear conduit and round openings.
 - Opening in barrier to match width of sawn deck joint.
 - Sawcut groove widths shall be as ordered by the Engineer.
 - Depth of sawcut: Type A - Depth to be 2" minimum.
 Type B - Depth to be equal to or greater than the depth of seal measured along the contact surface, when compressed to minimum width position (W₂) plus dimensions shown.
 - MR (movement rating) as shown on other plan sheets.
 - Other depths must be approved by the Engineer.

DIMENSIONS "a" OF JOINT REQUIRED

Movement Rating (MR) ⑤	Bridge Type	"a" Dimension		
		Deck Concrete Placed		
		Winter	Fall-Spring	Summer
2"	All except CIP/PS	1 1/2"	1 1/4"	3/4"
	CIP/PS	1 1/4"	1"	1/2"
1 1/2"	All except CIP/PS	1 1/4"	1"	1/2"
	CIP/PS	1"	3/4"	1/2"
1"	All except CIP/PS	1"	3/4"	1/2"
	CIP/PS	3/4"	1/2"	1/2"
1/2"	All except CIP/PS	3/4"	3/4"	1/2"
	CIP/PS	1/2"	1/2"	1/2"

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
JOINT SEALS
(MAXIMUM MOVEMENT RATING = 2")
 NO SCALE

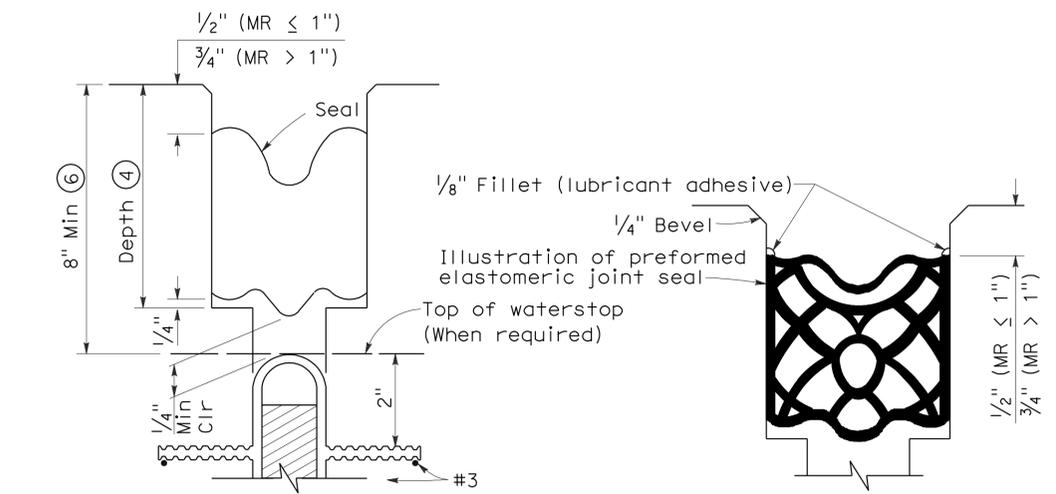


TYPE A SEAL

Movement rating : Silicone = 1" Max

TYPE AL SEAL

Longitudinal joints only



TYPE B JOINT SEAL IN MINIMUM WIDTH POSITION (W₂)

TYPE B SEAL

Movement Rating ≤ 2"

RSP B6-21 DATED OCTOBER 5, 2007 SUPERSEDES STANDARD PLAN B6-21 DATED MAY 1, 2006 - PAGE 258 OF THE STANDARD PLANS BOOK DATED MAY 2006.

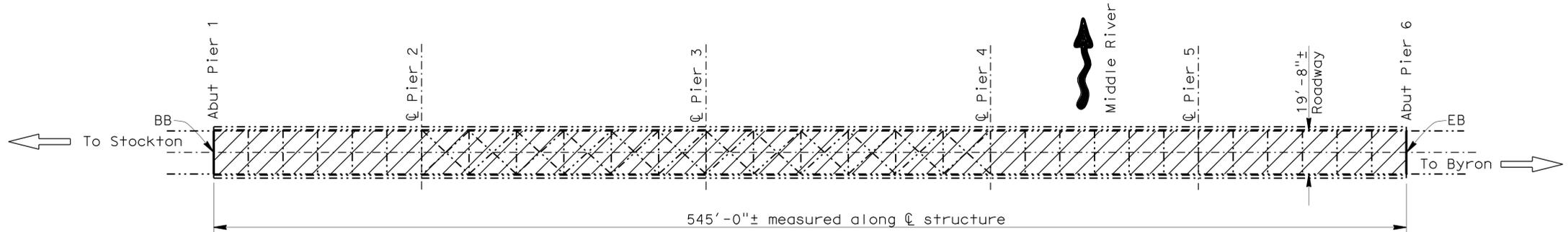
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	Mer, SJ	4, 152	Var	7	9

Charles R. Hutchinson 11-16-09
 REGISTERED CIVIL ENGINEER DATE

1-25-10
 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.

REGISTERED PROFESSIONAL ENGINEER
 CHARLES R. HUTCHINSON
 No. C 54226
 Exp. 12-31-09
 CIVIL
 STATE OF CALIFORNIA



MIDDLE RIVER
 BR No. 29-0049, RTE 4, SJ, PM 4.42
 SCALE: 1" = 30'

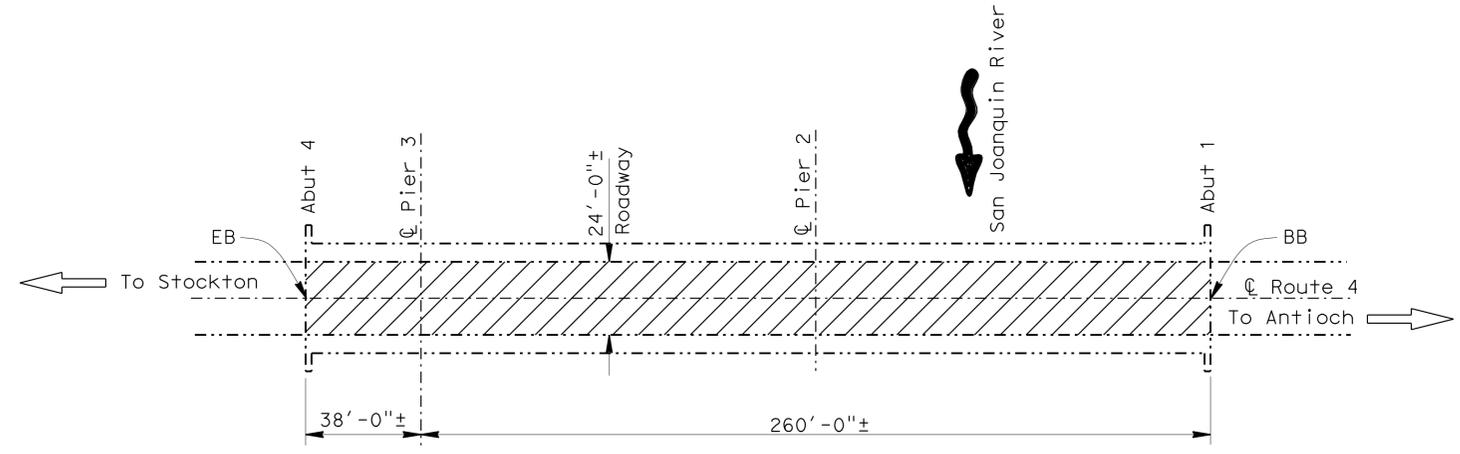


MIDDLE RIVER BR No. 29-0049

QUANTITIES

REMOVE CONCRETE DECK SURFACE	10,740	SQFT
REMOVE UNSOUND CONCRETE	270	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	10,740	SQFT
CLEAN EXPANSION JOINT	40	LF
RAPID SETTING CONCRETE (PATCH)	270	CF
FURNISH POLYESTER CONCRETE OVERLAY	805	CF
PLACE POLYESTER CONCRETE OVERLAY	10,740	SQFT
JOINT SEAL (MR 1/2")	40	LF

- Notes:**
- Indicates existing structure.
 - Indicates limits of remove existing 3/4" concrete bridge deck surface, prepare concrete deck surface, furnish and place new 3/4" depth polyester concrete overlay. Prior to placing the polyester concrete overlay, remove unsound concrete. For details see "DECK OVERLAY DETAIL" on MISCELLANEOUS DETAILS sheet.
 - Indicates location of joint seal removal and placement of new joint seal. For details see "JOINT SEAL DETAILS" sheet.



SAN JOAQUIN RIVER
 BR No. 29-0050, RTE 4, SJ, PM 14.15
 SCALE: 1" = 30'



SAN JOAQUIN RIVER BR No. 29-0050

QUANTITIES

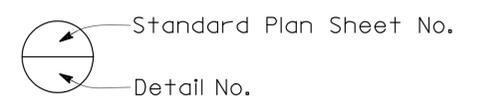
REMOVE CONCRETE DECK SURFACE	7,150	SQFT
REMOVE UNSOUND CONCRETE	360	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	7,150	SQFT
RAPID SETTING CONCRETE (PATCH)	360	CF
FURNISH POLYESTER CONCRETE OVERLAY	540	CF
PLACE POLYESTER CONCRETE OVERLAY	7,150	SQFT

INDEX TO PLANS

SHEET NO.	TITLE
1	GENERAL PLAN No. 1
2	GENERAL PLAN No. 2
3	MISCELLANEOUS DETAILS

STANDARD PLANS DATED MAY 2006

SHEET NO.	TITLE
A10A	ACRONYMS AND ABBREVIATIONS (SHEET 1 OF 2)
A10B	ACRONYMS AND ABBREVIATIONS (SHEET 2 OF 2)
RSP B6-21	JOINT SEALS (MAXIMUM MOVEMENT RATING = 2")



NOTE:
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

 11-16-09 DESIGN ENGINEER	DESIGN	BY Hubert Dang	CHECKED Charles Hutchinson	LAYOUT	BY Trung Lam	CHECKED Charles Hutchinson	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTE 4, 152 BRIDGES GENERAL PLAN NO. 1	
	DETAILS	BY Trung Lam	CHECKED Charles Hutchinson	SPECIFICATIONS	BY Aiman Malak	CHECKED Aiman Malak			VARIOUS		
	QUANTITIES	BY Hubert Dang	CHECKED Charles Hutchinson					POST MILE			
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)							ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	CU 10 EA OT4501	REVISION DATES	SHEET 1 OF 3

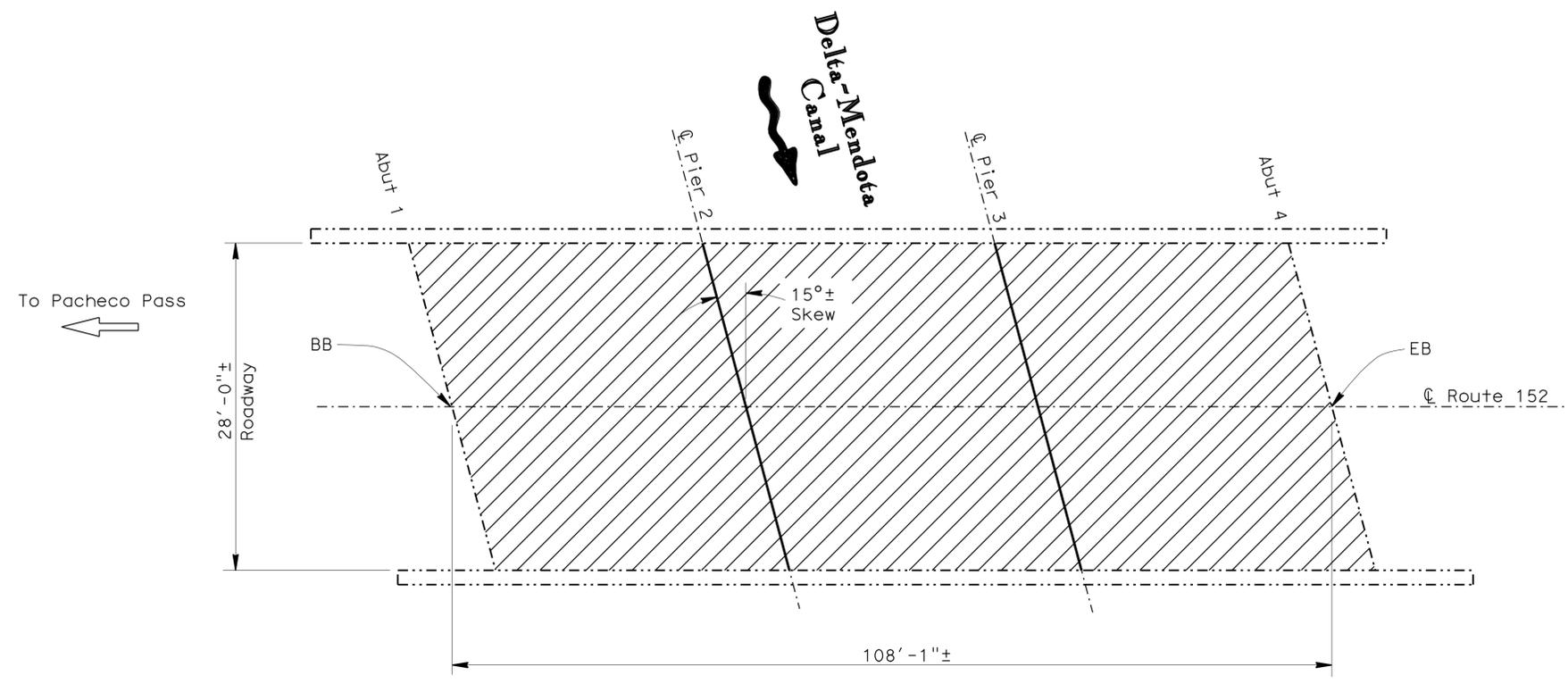
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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	Mer, SJ	4, 152	Var	8	9

Charles R. Hutchinson 11-16-09
REGISTERED CIVIL ENGINEER DATE

1-25-10
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.



- Notes:**
- Indicates existing structure.
 - Indicates limits of remove existing 3/4" concrete bridge deck surface, prepare concrete deck surface, furnish and place new 3/4" depth polyester concrete overlay. Prior to placing the polyester concrete overlay, remove unsound concrete. For details see "DECK OVERLAY DETAIL" on MISCELLANEOUS DETAILS sheet.
 - Indicates location of joint seal removal and placement of new joint seal. For details see "JOINT SEAL DETAILS" sheet.

DELTA-MENDOTA CANAL
BR No. 39-0122L, RTE 152, MER, PM 15.03
SCALE: 1" = 30'

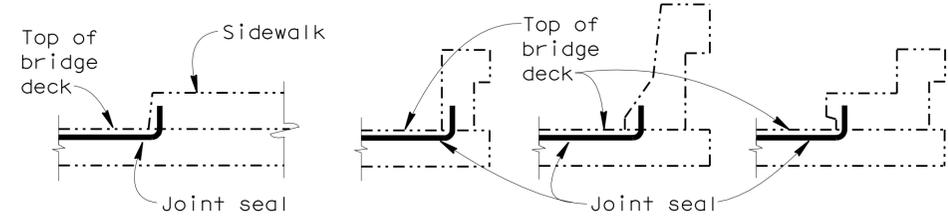


DELTA-MENDOTA CANAL BR No. 39-0122L
QUANTITIES

REMOVE CONCRETE DECK SURFACE	3,055	SQFT
REMOVE UNSOUND CONCRETE	150	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	3,055	SQFT
CLEAN EXPANSION JOINT	58	LF
RAPID SETTING CONCRETE (PATCH)	150	CF
FURNISH POLYESTER CONCRETE OVERLAY	225	CF
PLACE POLYESTER CONCRETE OVERLAY	3,055	SQFT
JOINT SEAL (MR 1/2")	58	LF

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

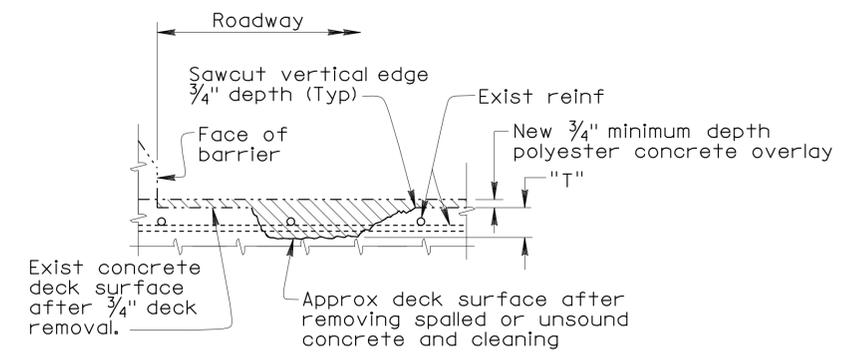
 11-16-09 DESIGN ENGINEER	DESIGN	BY Hubert Dang	CHECKED Charles Hutchinson	LAYOUT	BY Trung Lam	CHECKED Charles Hutchinson	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTE 4, 152 BRIDGES GENERAL PLAN NO. 2	
	DETAILS	BY Trung Lam	CHECKED Charles Hutchinson	SPECIFICATIONS	BY Aiman Malak	CHECKED Aiman Malak			VARIOUS		
	QUANTITIES	BY Hubert Dang	CHECKED Charles Hutchinson						POST MILE		
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)							ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CU 10 EA 0T4501	VARIES	REVISION DATES	
							0 1 2 3		DISREGARD PRINTS BEARING EARLIER REVISION DATES	5-29-09 7-28-09 11-03-09 11-16-09	SHEET 2 OF 3



SIDEWALK **BARRIER RAIL**

JOINT SEAL AT LOW SIDE OF DECK

Notes: Details shown for illustration purposes only.
 For use only where deck joint matches the sidewalk, curb or barrier rail joint.



DECK OVERLAY DETAIL

Notes:
 -Reinforcement may be encountered during deck concrete removal.
 -For "T" > 3" use rapid setting concrete patch.

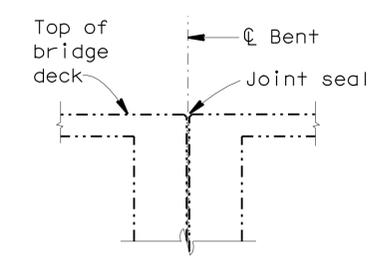
The following note applies to JOINT SEAL TYPE A:

Install Type A joint seal 3" up into curb or rail on the low side of the deck where joint matches curb or rail joint.
 For details not shown see

DECK REPAIR TABLE			
REMOVE UNSOUND CONCRETE AND REPAIR SETTING CONCRETE (PATCH) *			
BRIDGE NAME	BRIDGE NUMBER	APPROXIMATE AREA DAMAGED (percent)	APPROXIMATE DEPTH (Inches)
MIDDLE RIVER	29-0049	10	3
SAN JOAQUIN RIVER	29-0050	20	3
DELTA-MENDOTA CANAL	39-0122L	15	3

* See Deck Overlay Detail

JOINT SEAL TABLE							
BRIDGE NAME	BRIDGE NO.	LOCATION	MINIMUM "MR" (in)	APPROXIMATE LENGTH (ft)	EXISTING WATERSTOP	APPROX DEPTH TO CLEAN EXP JOINT (in)	
MIDDLE RIVER	29-0049	Abut 1 BB	1/2	19'-8"	No	12"	
		Abut 6 EB	1/2	19'-8"	No	12"	
DELTA-MEDOTA CANEAL	39-0122L	Pier 2	1/2	29'-3"	No	12"	
		Pier 3	1/2	29'-3"	No	12"	



BENT

JOINT SEAL LOCATION

NOTE:
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)	DESIGN	BY Hubert Dang	CHECKED Charles Hutchinson	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	VARIOUS	ROUTE 4, 152 BRIDGES MISCELLANEOUS DETAILS	
	DETAILS	BY Trung Lam	CHECKED Charles Hutchinson			POST MILE	VARIES		
	QUANTITIES	BY Hubert Dang	CHECKED Charles Hutchinson			VARIES	VARIES		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				0 1 2 3	CU 10 EA OT4501	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES	SHEET 3 OF 3

5-29-09 | 7-28-09 | 9-03-09 | 11-03-09 | 11-16-09

FILE => 10-014501_03_misc_dets.dgn

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