

INDEX OF PLANS	
SHEET No	DESCRIPTION
1	TITLE AND LOCATION MAP
2	CONSTRUCTION DETAILS AND SUMMARY OF QUANTITIES
3	CONSTRUCTION AREA SIGNS
4-7	NEW OR REVISED STANDARD PLANS

STRUCTURE PLANS	
8-9	GENERAL PLANS
10-11	JOINT SEAL DETAILS
12	STRUCTURE APPROACH

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

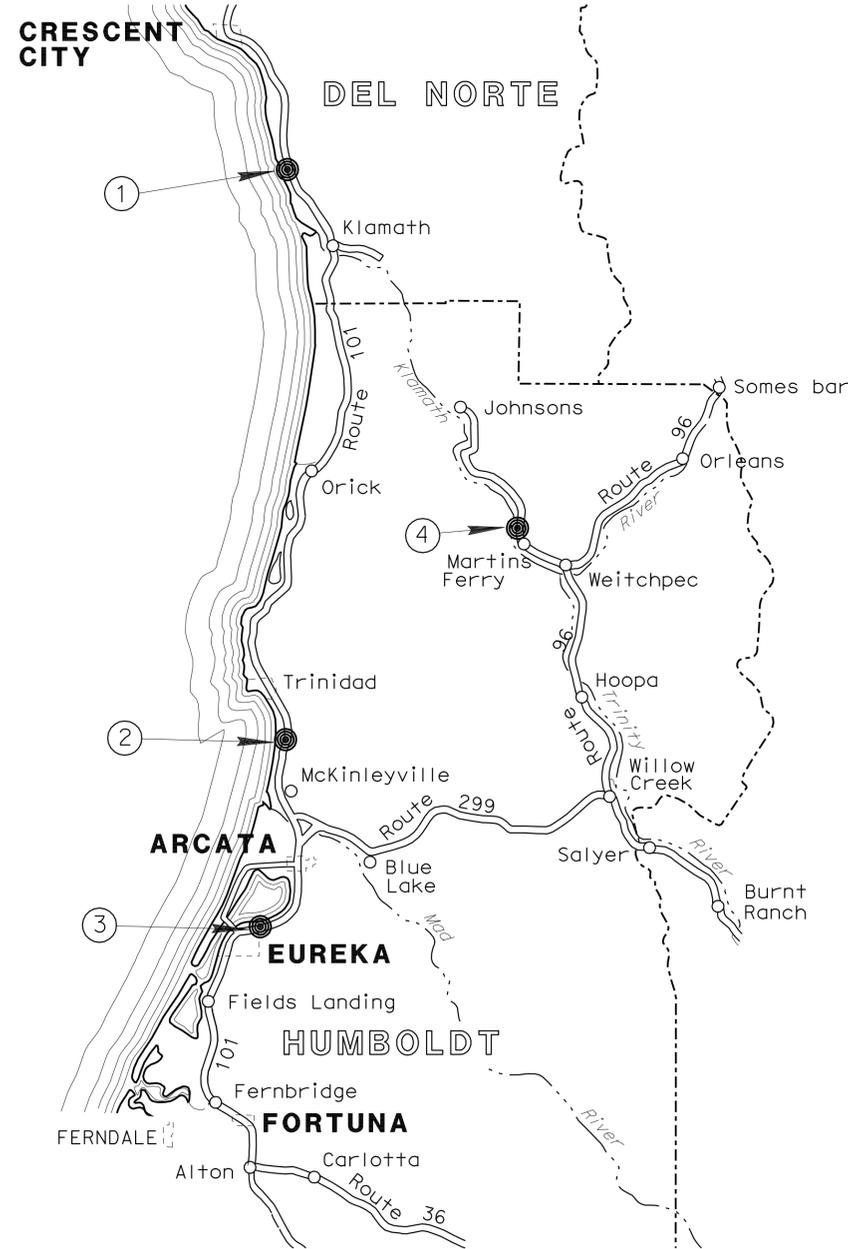
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PROJECT PLANS FOR CONSTRUCTION ON STATE HIGHWAY
IN DEL NORTE AND HUMBOLDT COUNTIES
AT VARIOUS LOCATIONS

ACBRSTP-000C(335)E

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	DN,Hum	101,169	Var	1	12



TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



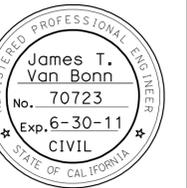
LOCATIONS OF CONSTRUCTION					
LOCATION	Co.	ROUTE	PM	NAME OF BRIDGE	BRIDGE NO.
1	DN	101	12.64	WILSON CREEK BRIDGE	01-0005
2	HUM	101	R97.46	LITTLE RIVER BRIDGE	04-0026
3	HUM	101	79.78	EUREKA SLOUGH BRIDGE	04-0022L
4	HUM	169	29.83	ROCK CHUTE CREEK	04-0220

PROJECT MANAGER
Royal B. McCarthy
 DESIGN ENGINEER
Royal B. McCarthy

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

NO SCALE

James T. Van Bonn 1/10/11
 PROJECT ENGINEER DATE
 REGISTERED CIVIL ENGINEER



January 10, 2011
 PLANS APPROVAL DATE

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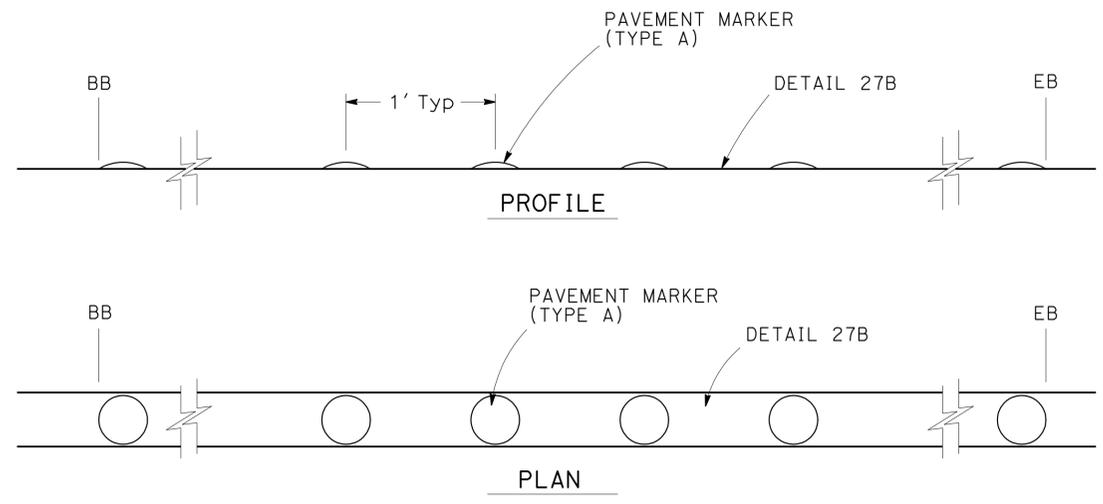
CONTRACT No.	01-493604
PROJECT ID	0100020126

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	DN, Hum	101, 169	Var	2	12

James T. Van Bonn 1/10/11
 REGISTERED CIVIL ENGINEER DATE
 January 10, 2011
 PLANS APPROVAL DATE

James T. Van Bonn
 No. 70723
 Exp. 6-30-11
 CIVIL

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.



**SIMULATED RUMBLE STRIP
 ON BRIDGE DECK**
 LOCATION 3

TRAFFIC STRIPE AND PAVEMENT MARKER QUANTITIES															
No.	LOCATION (PM)		Rt/Lt	DETAIL No.	DETAIL LENGTH LF	REMOVE THERMOPLASTIC TRAFFIC STRIPE				THERMOPLASTIC TRAFFIC STRIPE			PAVEMENT MARKER		
	FROM	TO				4" YELLOW (HAZARDOUS WASTE)	4" YELLOW (SOLID)	4" WHITE (SOLID)	4" WHITE (BROKEN 36-12)	4" YELLOW (SOLID)	4" WHITE (SOLID)	4" WHITE (BROKEN 36-12)	(NON-REFLECTIVE)	(RETROREFLECTIVE)	
													TYPE A	TYPE G CLEAR (ONE WAY)	TYPE H YELLOW (ONE-WAY)
Route 101 (Humboldt County)															
2	R97.46	R97.55	R+Lt	27B	988			988		988					
	R97.46	R97.55	R+Lt	11&13	988				247		988	88	22		
	R97.46	R97.55	R+Lt	25	988		988		988					22	
3	79.78	79.95	L+	27B	890			890		890		891			
	79.78	79.95	L+	11&13	890				223		890	76	20		
	79.78	79.95	L+	25	890	890			890					20	
Route 169 (Humboldt County)															
4	29.83	29.84	R+Lt	27B	100			100			100				
SUBTOTAL						988	1978	470	1978	1878			42	42	
TOTAL						890	3436			3856	1878	1055		84	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Caltrans MAINTENANCE DESIGN
 FUNCTIONAL SUPERVISOR: Royal B. McCarthy
 REVISIONS: James T. Van Bonn, Curtis Coburn
 REVISIONS: REVISIONS: REVISIONS: REVISIONS: REVISIONS:

**CONSTRUCTION DETAILS AND
 SUMMARY OF QUANTITIES**
C-1

LAST REVISION DATE PLOTTED => 08-MAR-2011 10:12
 00-00-00 TIME PLOTTED => 10:12

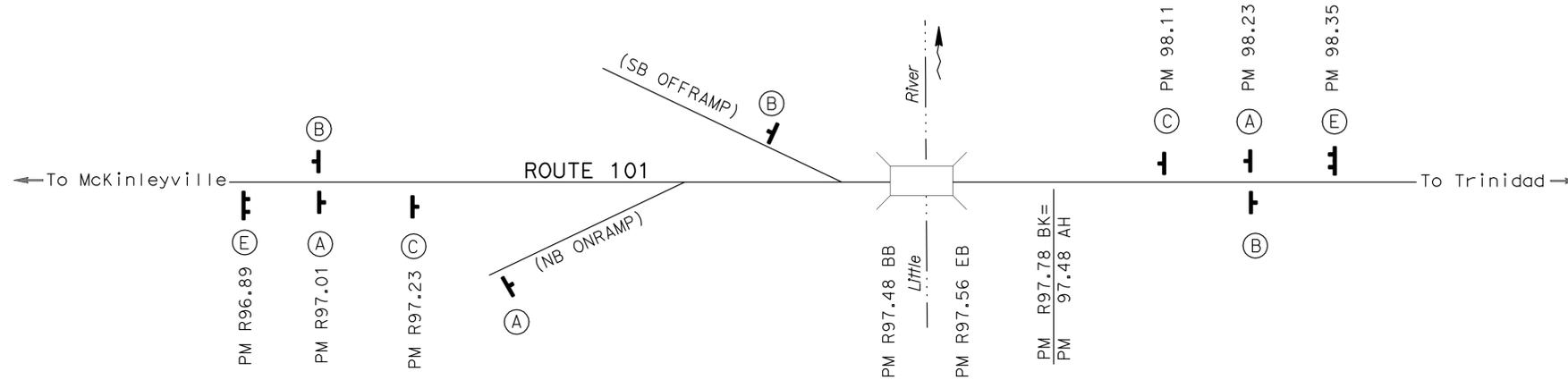
STATIONARY MOUNTED CONSTRUCTION AREA SIGNS					
SIGN NO.	SIGN CODE	SIGN MESSAGE	PANEL SIZE	NO OF POSTS AND SIZE	NO. OF SIGNS
A	W20-1	ROAD WORK AHEAD	48"x48"	1-6"x6"	4
	SP1	BRIDGE REPAIR	54"x12"		
B	G20-2	END ROAD WORK	36"x18"	1-4"x4"	4
C	W11-1	BICYCLE SYMBOL	36"x24"	1-6"x6"	3
	W16-1	SHARE THE ROAD	18"x24"		
D	C40 (CA)	TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONES	108"x42"	2-6"x6"	3

SP1
 54" X 12"
 4" CAPS
 BLACK/ORANGE

BRIDGE REPAIR

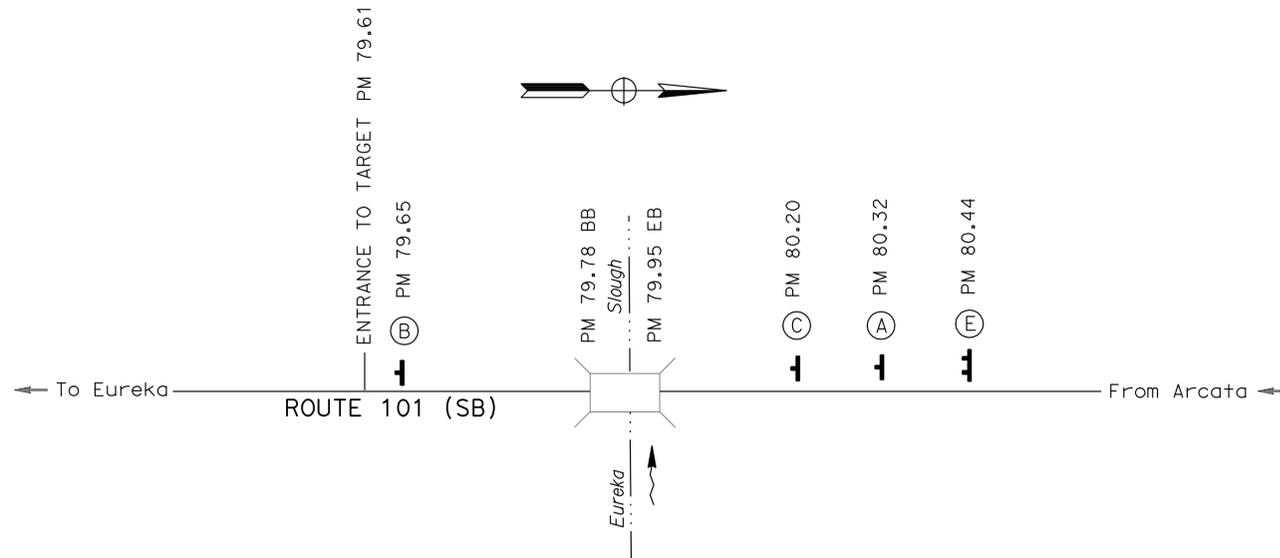
NOTES:

1. EXACT SIGN LOCATION TO BE DETERMINED BY THE ENGINEER.
2. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.



LOCATION 2

LITTLE RIVER BRIDGE
BRIDGE No. 04-0026



LOCATION 3

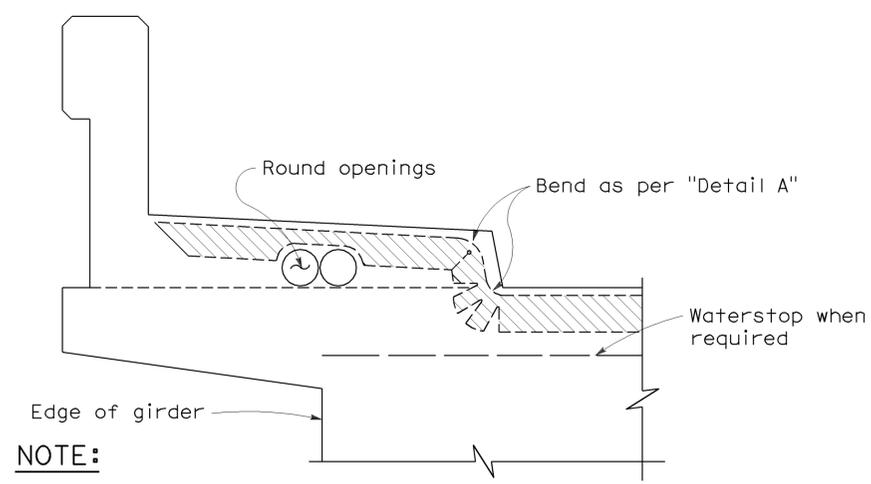
EUREKA SLOUGH BRIDGE
BRIDGE No. 04-0022L

**CONSTRUCTION AREA SIGNS
CS-1**

NO SCALE

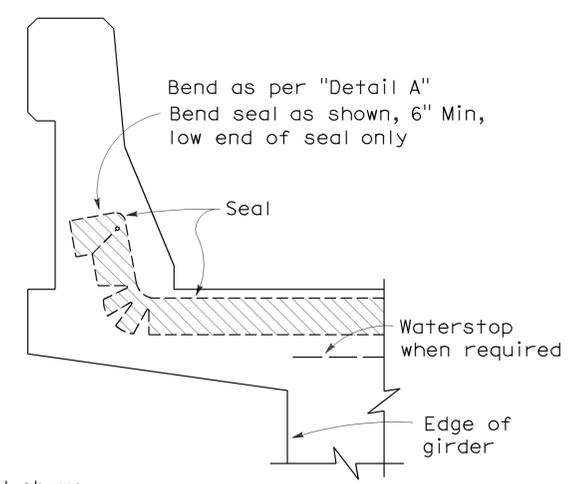
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN
 FUNCTIONAL SUPERVISOR: Royal B. McCarthy
 CALCULATED/DESIGNED BY: James T. Van Bonn
 CHECKED BY: Curtis Coburn
 REVISOR: James T. Van Bonn
 DATE REVISOR: 1/10/11

To accompany plans dated January 10, 2011

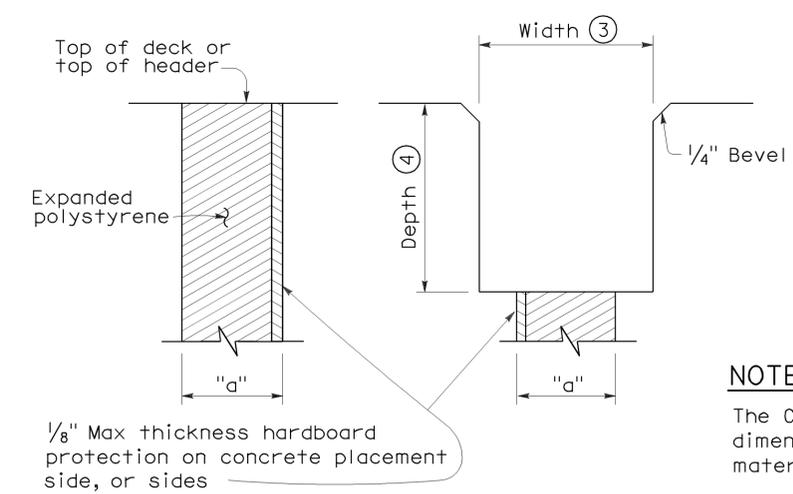


NOTE:
 Type "B" seal shown. Type "A" seals to conform to the general path of seal shown, cuts for bending not required. Bend Type "A" seals 3" up into curb or barrier rail on only the low end of the seal.

CONCRETE BARRIER AND SIDEWALK



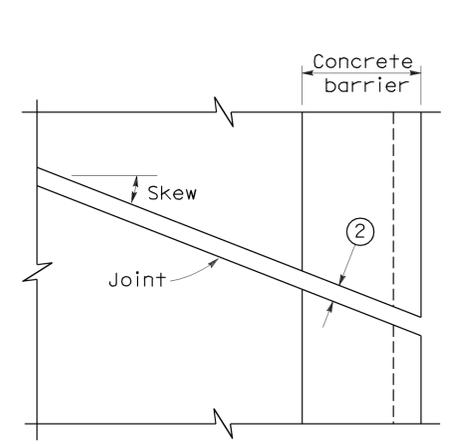
CONCRETE BARRIER



FORMING DETAIL SAWCUT DETAIL

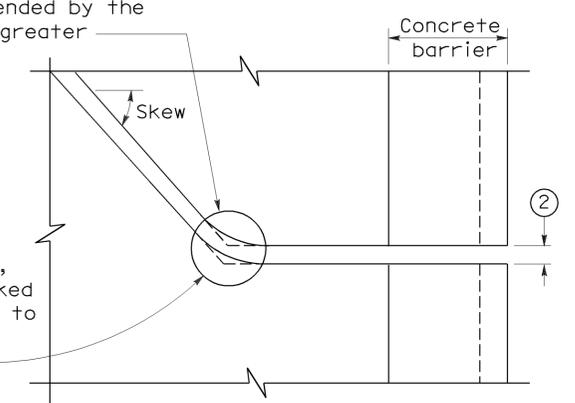
NOTE:
 The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.

JOINT SEALS DETAILS



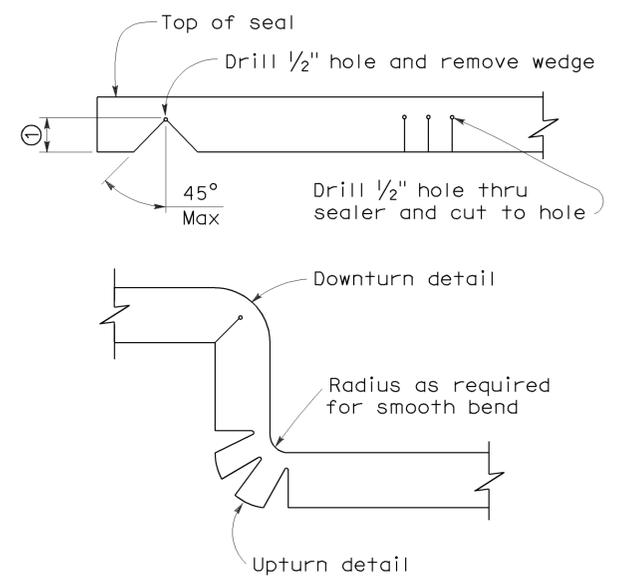
PLAN OF JOINT (SKEW ≤ 20°)

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.

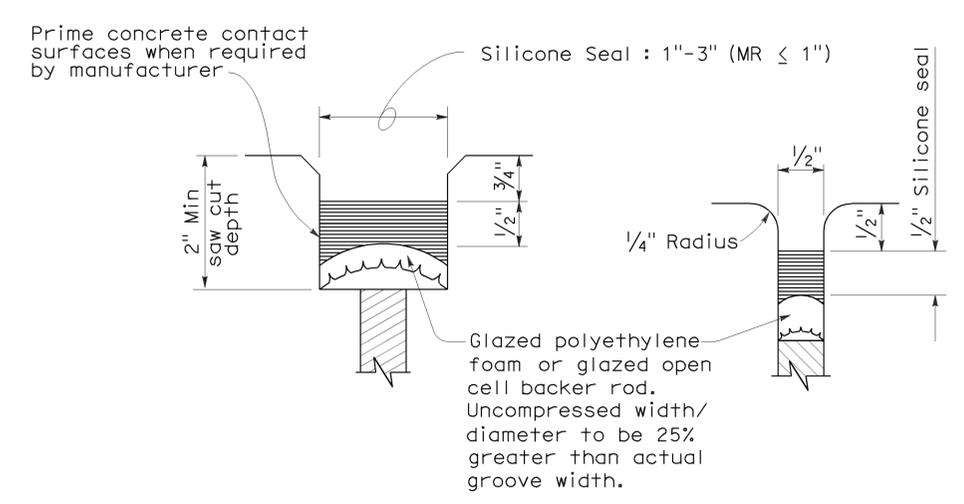


DETAIL A

- 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"

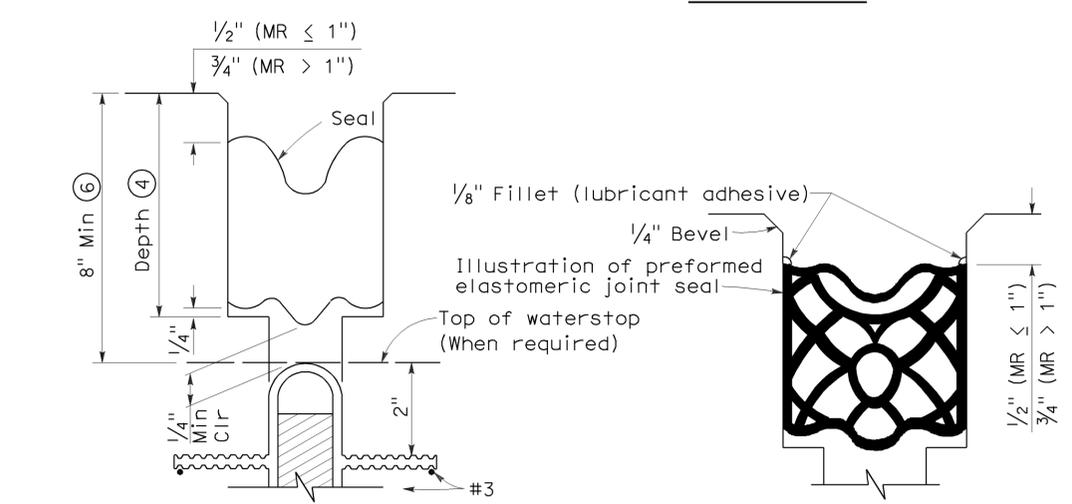


TYPE A SEAL

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"

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

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
01	DN, Hum	101, 169	Var	5	12

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

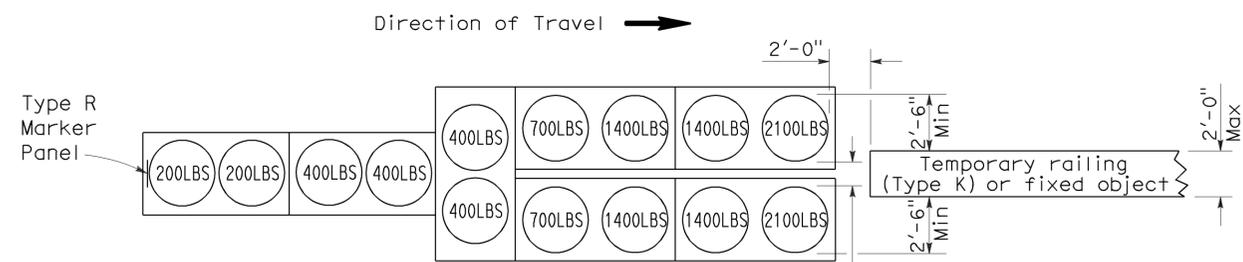
June 6, 2008
PLANS APPROVAL DATE

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

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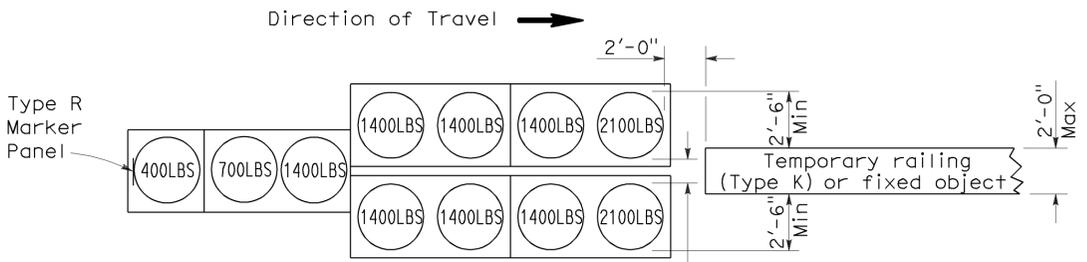
To accompany plans dated January 10, 2011

2006 REVISED STANDARD PLAN RSP T1A



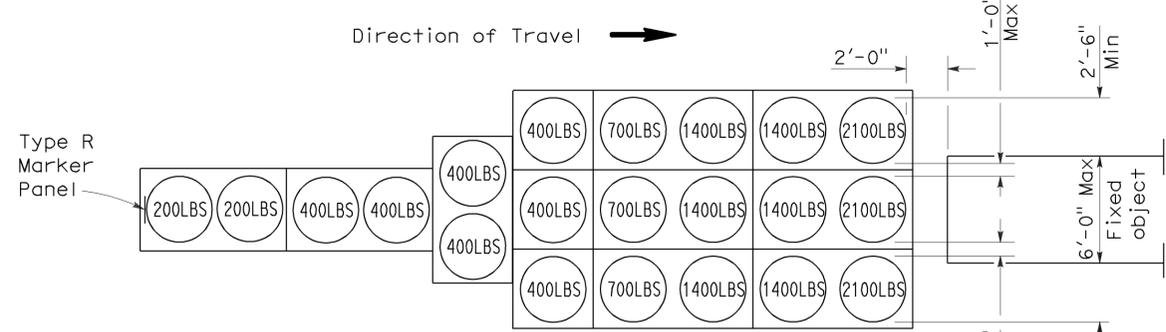
ARRAY 'TU14'

Approach speed 45 mph or more



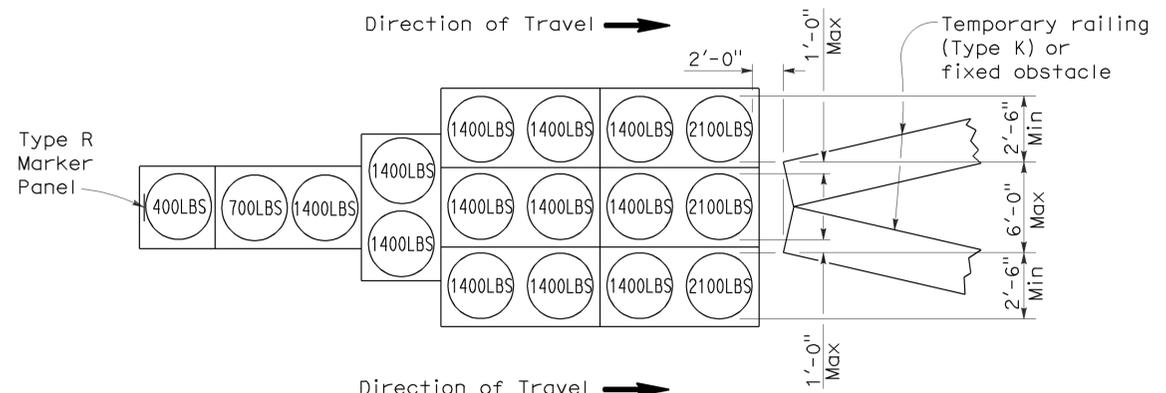
ARRAY 'TU11'

Approach speed less than 45 mph



ARRAY 'TU21'

Approach speed 45 mph or more

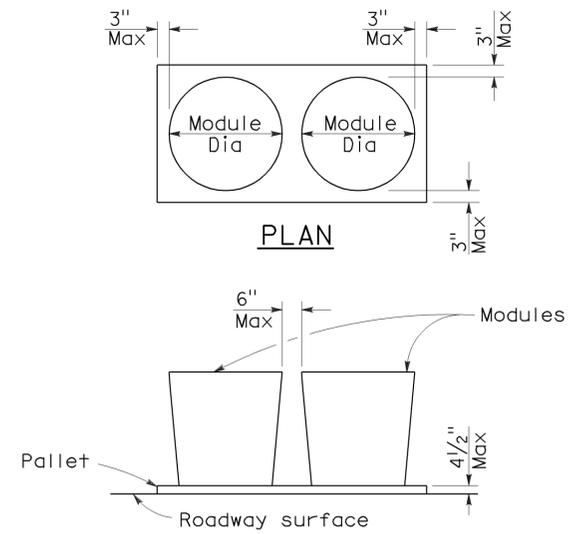


ARRAY 'TU17'

Approach speed less than 45 mph

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.



CRASH CUSHION PALLET DETAIL
See Note 7

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

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
01	DN, Hum	101, 169	Var	6	12

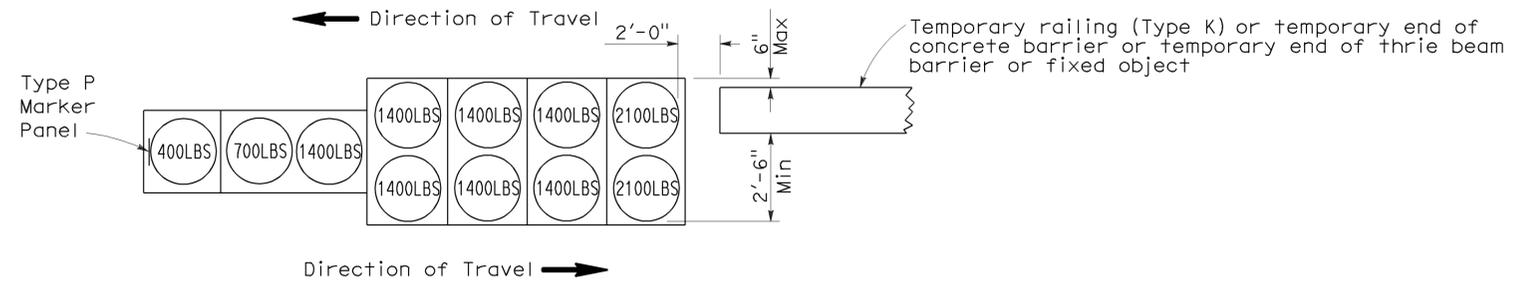
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

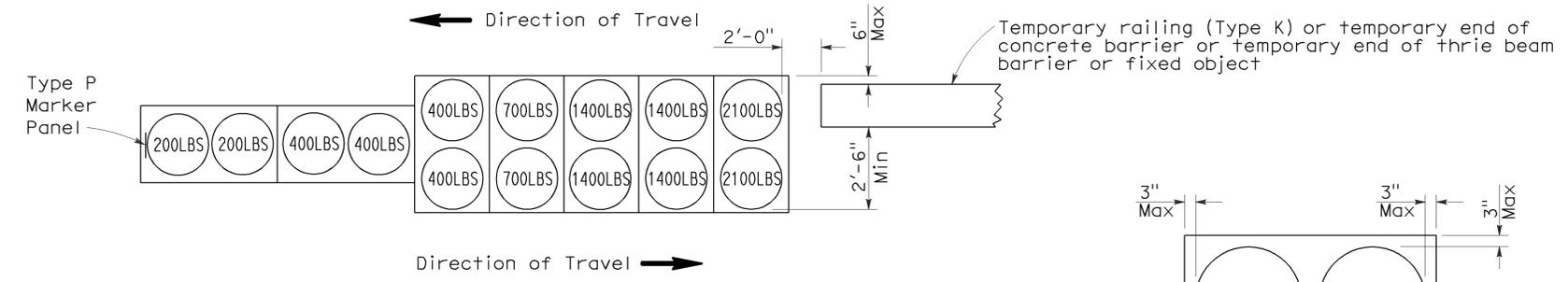
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated January 10, 2011



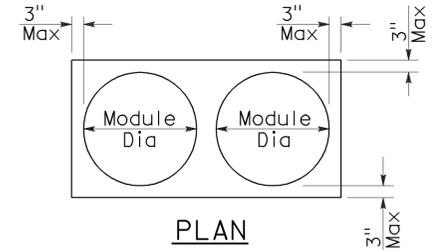
ARRAY 'TB11'

Approach speed less than 45 mph

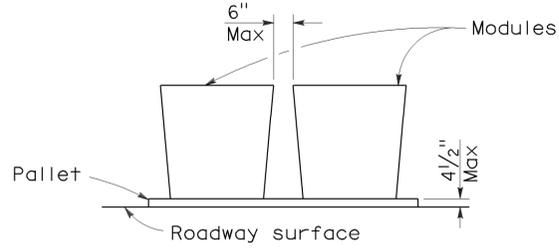


ARRAY 'TB14'

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

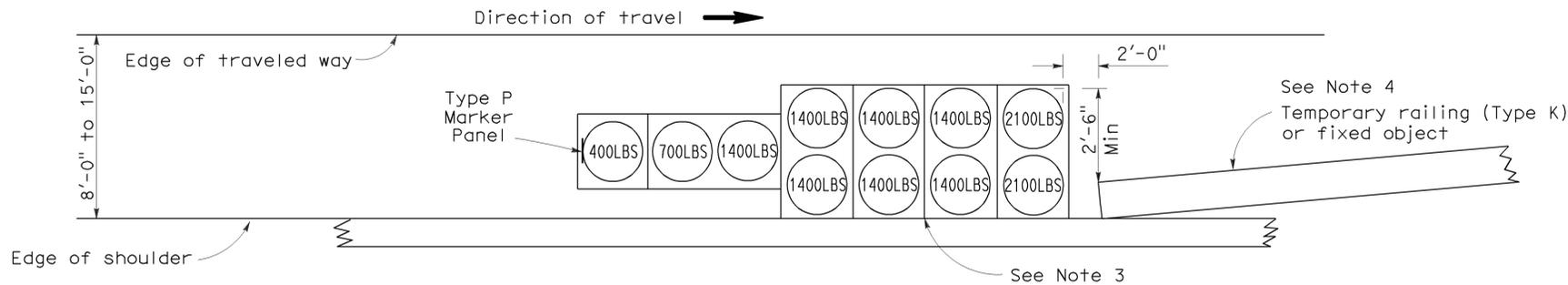
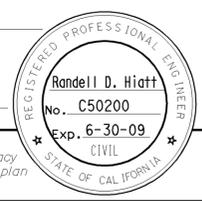
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
01	DN, Hum	101, 169	Var	7	12

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

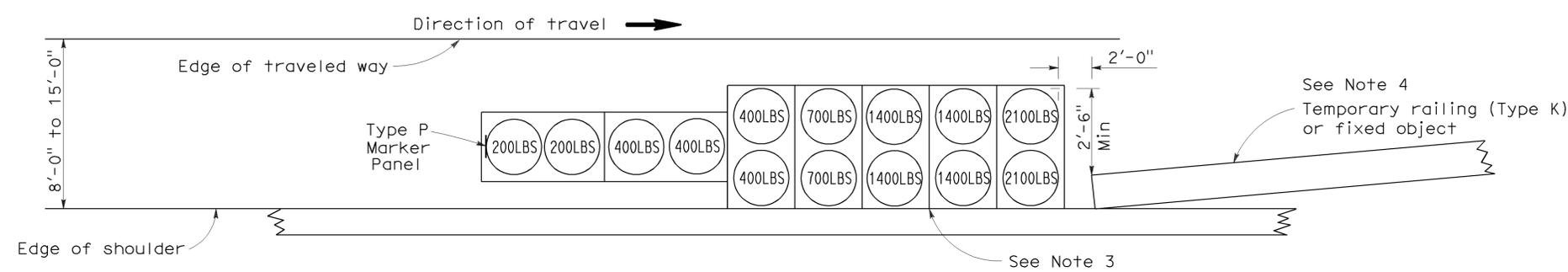
June 6, 2008
PLANS APPROVAL DATE

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To accompany plans dated January 10, 2011



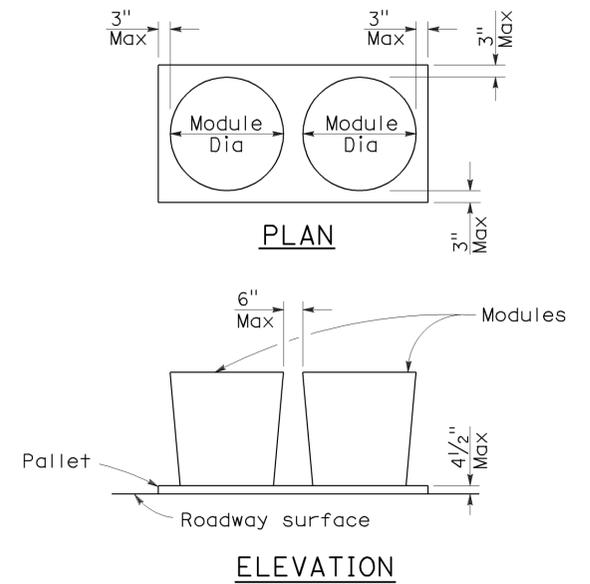
ARRAY 'TS11'
Approach speed less than 45 mph
See Note 9



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

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.



CRASH CUSHION PALLET DETAIL
See Note 11

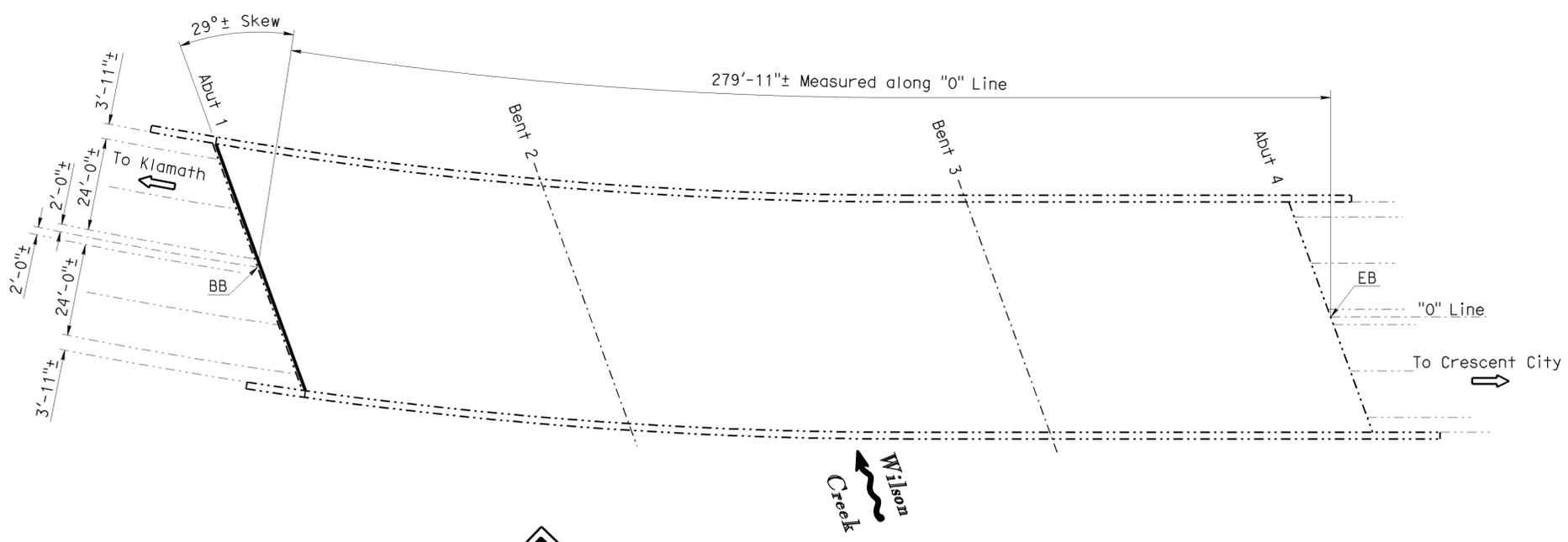
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TEMPORARY CRASH CUSHION,
SAND FILLED
(SHOULDER INSTALLATIONS)**
NO SCALE

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

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
01	DN, Hum	101, 169	Var	8	12
			11-15-10		
REGISTERED CIVIL ENGINEER			DATE		
			1-10-11		
			PLANS APPROVAL DATE		
			QUANG M. VO		
			No. C 055211		
			Exp. 6-30-12		
			CIVIL		
<small>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.</small>					



NOTE: (APPLY TO ALL SHEETS)
 ----- Indicates existing.

- NOTES:** (APPLY TO THIS SHEET ONLY)
-  Indicates limits of prepare concrete bridge deck surface, furnish and place new 3/4" minimum depth polyester concrete overlay. Prior to placing new polyester concrete overlay, remove unsound concrete and patch with rapid setting concrete as shown on the "Deck Repair Detail - Overlay" on "JOINT SEAL DETAILS NO. 1" sheet.
 -  For "Polyester Concrete Taper Detail", see "JOINT SEAL DETAILS NO. 2" sheet.
 -  Indicates location of existing joint seal removal and placement of new joint seal.



WILSON CREEK
 Br. No. 01-0005, ROUTE 101, PM 12.64
 1"=20'

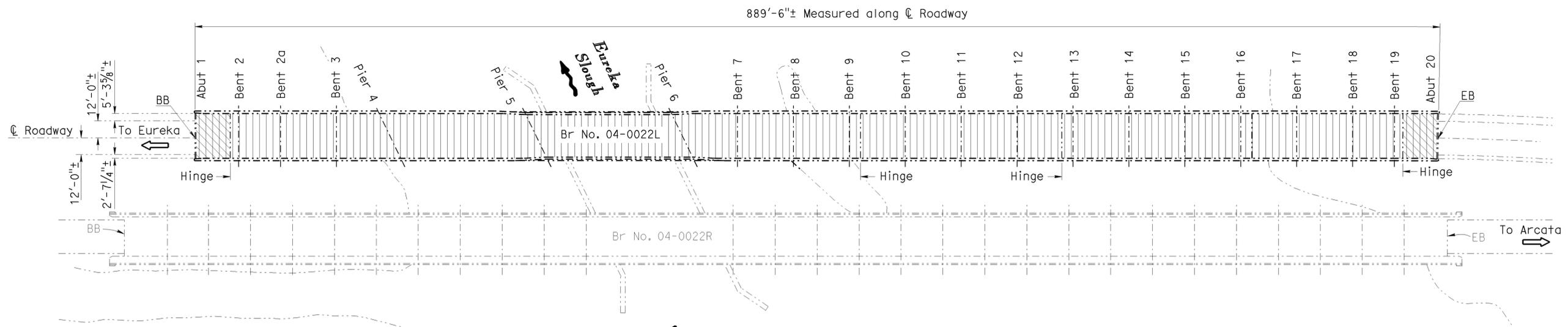
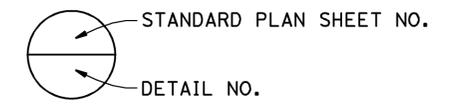
WILSON CREEK	QUANTITIES	BR NO 01-0005
CLEAN EXPANSION JOINT	69 LF	
JOINT SEAL (MR 1 1/2")	69 LF	

INDEX TO PLANS

SHEET NO.	TITLE
1	GENERAL PLAN NO. 1
2	GENERAL PLAN NO. 2
3	JOINT SEAL DETAILS NO. 1
4	JOINT SEAL DETAILS NO. 2
5	STRUCTURE APPROACH TYPE R(30D)

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")



EUREKA SLOUGH
 Br. No. 04-0022L, ROUTE 101, PM 79.8
 1"=40'

EUREKA SLOUGH	QUANTITIES	BR NO 04-0022L
REMOVE CONCRETE DECK SURFACE	1,600 SQFT	
REMOVE UNSOUND CONCRETE	71 CF	
PREPARE CONCRETE BRIDGE DECK SURFACE	28,380 SQFT	
RAPID SETTING CONCRETE (PATCH)	71 CF	
FURNISH POLYESTER CONCRETE OVERLAY	2,129 CF	
PLACE POLYESTER CONCRETE OVERLAY	28,380 SQFT	
PUBLIC SAFETY PLAN	LUMP SUM	

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


 DESIGN ENGINEER 10-26-10

DESIGN	BY Quang Vo	CHECKED Matt Lee	LAYOUT	BY Dale Kubochi	CHECKED Quang Vo
DETAILS	BY Dale Kubochi	CHECKED Matt Lee	SPECIFICATIONS	BY John Jiang	PLANS AND SPECS COMPARED John Jiang
QUANTITIES	BY Quang Vo	CHECKED Matt Lee			

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
 STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. VARIOUS
 POST MILE VARIES

ROUTE 101 & 169 BRIDGES
GENERAL PLAN NO. 1

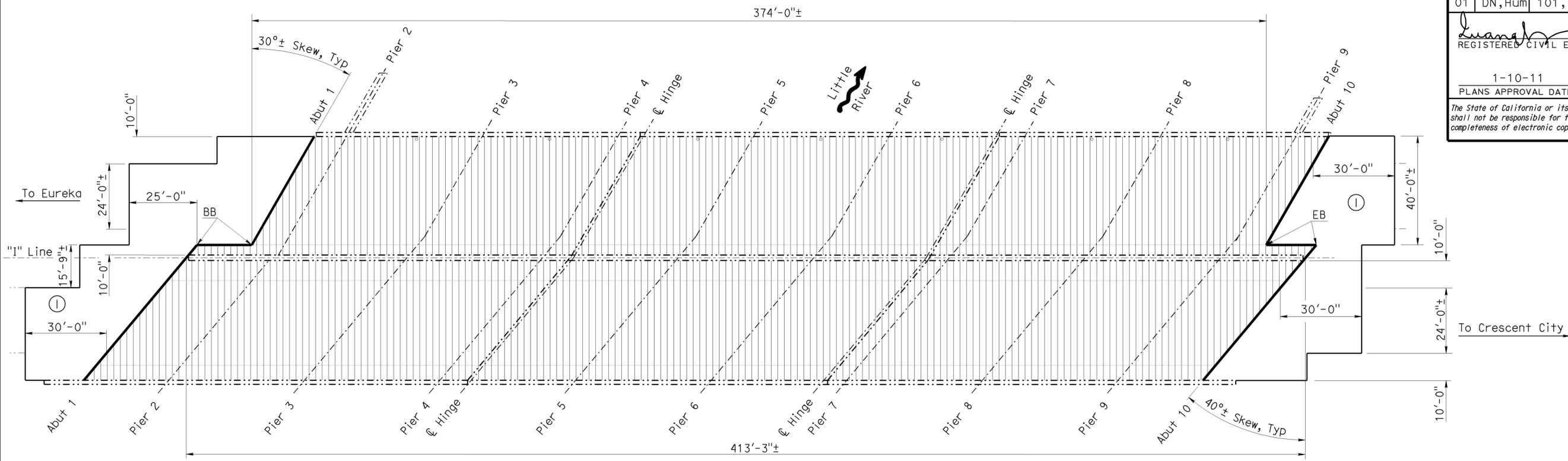
REVISION DATES: 1-10-10, 1-26-10, 6-11-10, 6-24-10, 7-22-10, 11-1-10

SHEET 1 OF 5

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
01	DN, Hum	101, 169	Var	9	12

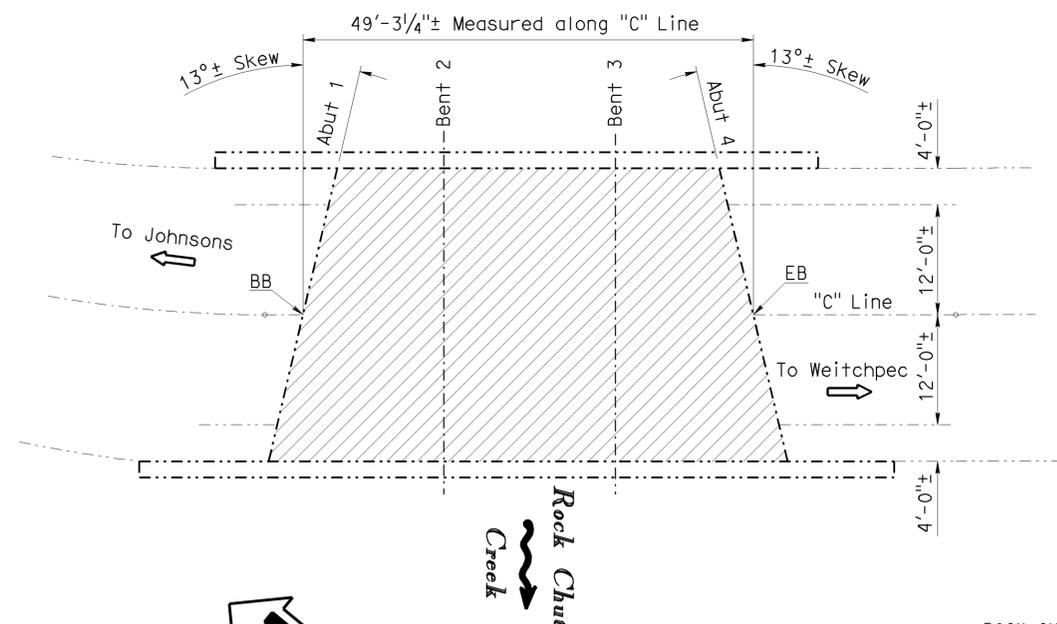
11-15-10
 REGISTERED CIVIL ENGINEER DATE
 1-10-11
 PLANS APPROVAL DATE
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

REGISTERED PROFESSIONAL ENGINEER
 QUANG M. VO
 No. C 055211
 Exp. 6-30-12
 CIVIL
 STATE OF CALIFORNIA



LITTLE RIVER BRIDGE
 Br. No. 04-0026, ROUTE 101, PM 97.5
 1"=20'

LITTLE RIVER BRIDGE QUANTITIES		BR NO 04-0026
REMOVE UNSOUND CONCRETE		86 CF
PREPARE CONCRETE BRIDGE DECK SURFACE		34,600 SQFT
AGGREGATE BASE (APPROACH SLAB)		25 CY
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)		251 CY
PAVING NOTCH EXTENSION		162 CF
RAPID SETTING CONCRETE (PATCH)		86 CF
FURNISH POLYESTER CONCRETE OVERLAY		2,590 CF
PLACE POLYESTER CONCRETE OVERLAY		34,600 SQFT
JOINT SEAL (MR 1")		262 LF
PUBLIC SAFETY PLAN		LUMP SUM



ROCK CHUTE CREEK
 Br. No. 04-0220, ROUTE 169, PM 29.83
 1"=10'

ROCK CHUTE CREEK QUANTITIES		BR NO 04-0220
REMOVE UNSOUND CONCRETE		4 CF
CLEAN BRIDGE DECK		1,580 SQFT
RAPID SETTING CONCRETE (PATCH)		4 CF
PUBLIC SAFETY PLAN		LUMP SUM
TREAT BRIDGE DECK		1,580 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL		18 GAL

NOTES: (APPLY TO THIS SHEET ONLY)

- Indicates limits of prepare concrete bridge deck surface, furnish and place new 3/4" minimum depth polyester concrete overlay. Prior to placing new polyester concrete overlay, remove unsound concrete and patch with rapid setting concrete as shown on the "Deck Repair Detail- Overlay" on "JOINT SEAL DETAILS NO.1" sheet.
- Indicates limits of clean and treat bridge deck with high molecular weight methacrylate. Prior to bridge deck treatment remove unsound concrete and patch with rapid setting concrete.
- Indicates location of placement of new joint seal.
- Indicates new Structure Approach Type R(30D).

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

Matthew Lee
 DESIGN ENGINEER 10-26-10

DESIGN	BY Quang Vo	CHECKED Matt Lee
DETAILS	BY Dale Kubochi	CHECKED Matt Lee
QUANTITIES	BY Quang Vo	CHECKED Matt Lee

LAYOUT	BY Dale Kubochi	CHECKED Quang Vo
SPECIFICATIONS	BY John Jiang	PLANS AND SPECS COMPARED John Jiang

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
 STRUCTURE MAINTENANCE DESIGN

BRIDGE NO.	VARIOUS
POST MILE	VARIES

ROUTE 101 & 169 BRIDGES
GENERAL PLAN NO. 2

USERNAME => s124428 DATE PLOTTED => 06-JAN-2011 TIME PLOTTED => 08:59

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
01	DN, Hum	101, 169	Var	10	12

11-15-10
 REGISTERED CIVIL ENGINEER DATE
 1-10-11
 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.

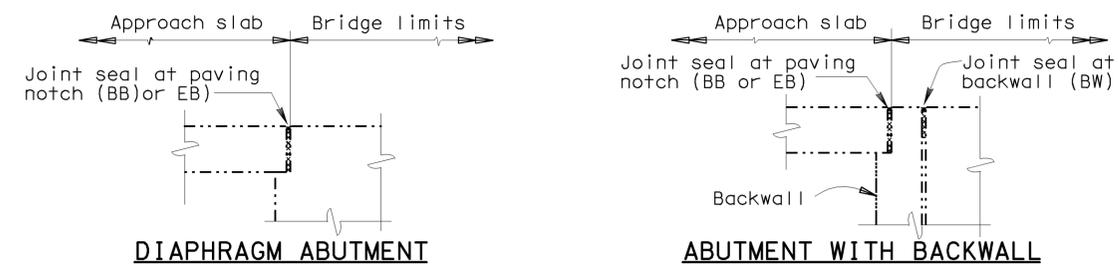
REGISTERED PROFESSIONAL ENGINEER
 QUANG M. VO
 No. C 055211
 Exp. 6-30-12
 CIVIL
 STATE OF CALIFORNIA

JOINT SEAL TABLE							
BRIDGE NAME	BRIDGE NUMBER	LOCATION		MINIMUM "MR" (INCHES)	APPROXIMATE LENGTH (FEET)	EXISTING WATERSTOP	APPROX DEPTH TO CLEAN EXP JOINT (INCHES)
WILSON CREEK	01-0005	✱	Abut 1	BW	1 1/2"	69.0	NO
			Abut 1	BB	1"	131.0	NO
LITTLE RIVER BRIDGE	04-0026		Abut 10	EB	1"	131.0	NO

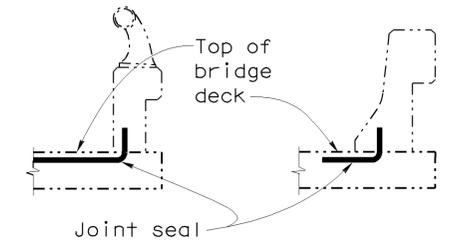
LEGEND:
 BW - Abutment backwall joint
 BB - Paving notch at beginning of bridge
 EB - Paving notch at end of bridge
 ✱ - Bonded joint seal

Note: All joint seals shall be Type B except as noted.

- The following notes apply to JOINT SEAL TYPE B:
- Seal must satisfy both minimum Movement Rating (MR) and minimum W1 requirements.
 - Minimum W1 is the calculated maximum width of the joint based on field measurements. After the joints have been cleaned, minimum W1 is to be calculated by the Engineer.
 - W1 shall be the smaller of the values determined as follows:
 - 0.85 times the manufacturer's designed minimum uncompressed width of the seal.
 - The width of the seal on the third successive test cycle of the pressure deflection test, when compressed to an average pressure of 3 psi.
 - Bend Type B joint seal 6" up into curb or rail on the low side of the deck where deck joint matches curb or rail joint.
 - For details not shown, see



JOINT SEAL LOCATION

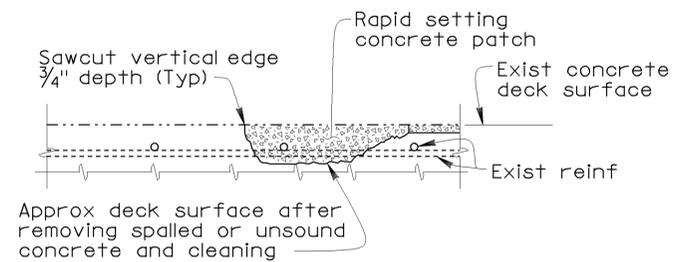


JOINT SEAL AT LOW SIDE OF DECK

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

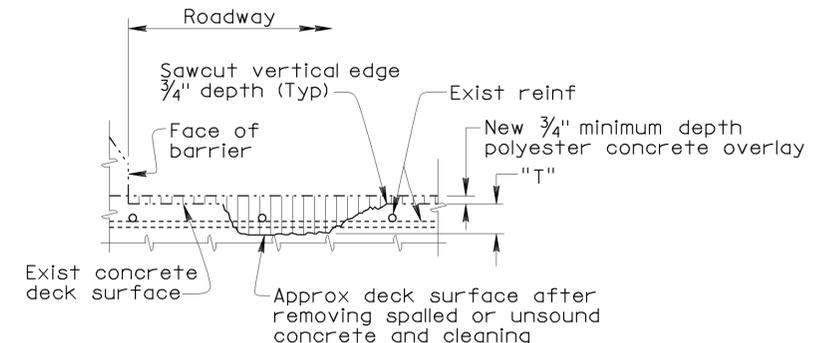
DECK REPAIR TABLE REMOVE UNSOUND CONCRETE AND RAPID SETTING CONCRETE (PATCH)			
BRIDGE NAME	BRIDGE NUMBER	APPROXIMATE AREA DAMAGED (PERCENT)	APPROXIMATE DEPTH (INCHES)
EUREKA SLOUGH	04-0022L	1	3
LITTLE RIVER BRIDGE	04-0026	1	3
ROCK CHUTE CREEK	04-0220	1	3

Locations to be determined by the Engineer. For details see "DECK REPAIR DETAIL".



DECK REPAIR DETAIL

Note: Locations to be determined by the Engineer. Reinforcement may be encountered during deck concrete removal.
NO SCALE



DECK REPAIR DETAIL - OVERLAY

Notes:
 -Reinforcement may be encountered during deck concrete removal.
 -For "T" > 3" use rapid setting concrete patch.
 NO SCALE

NOTE:
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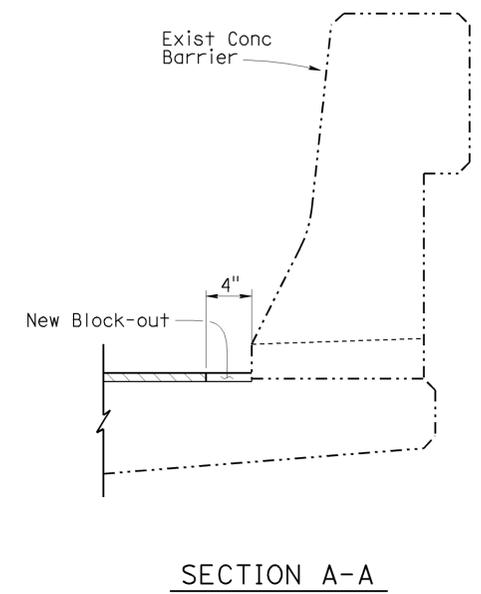
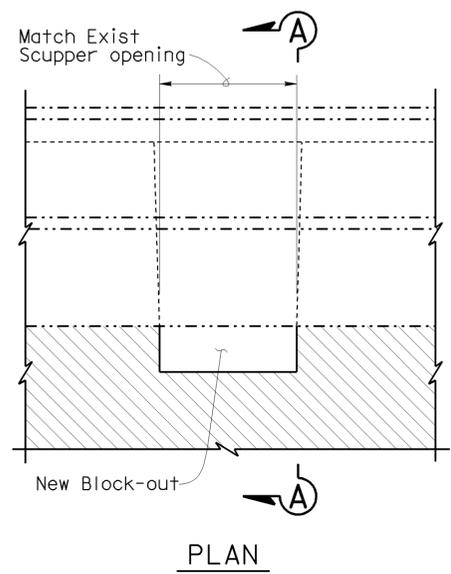
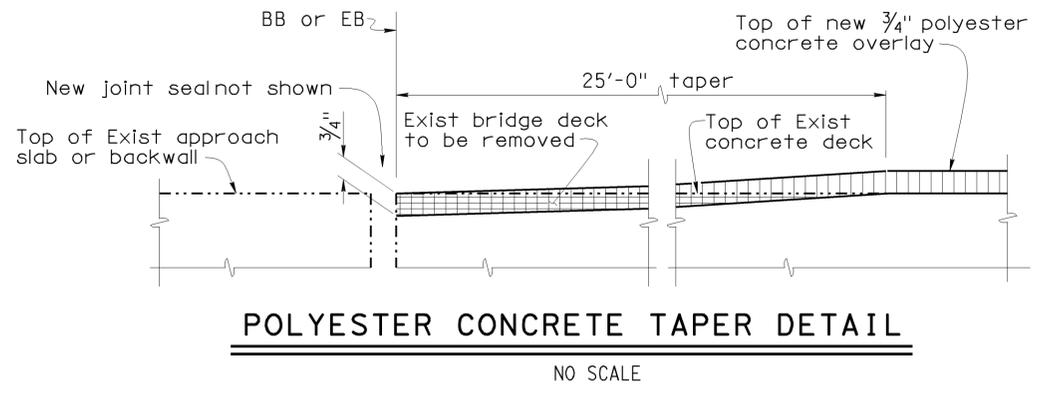
DESIGN BY Quang Vo CHECKED Matt Lee DETAILS BY Dale Kubochi CHECKED Matt Lee QUANTITIES BY Quang Vo CHECKED Matt Lee	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO. VARIOUS POST MILE VARIES	ROUTE 101 & 169 BRIDGES JOINT SEAL DETAILS NO. 1
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 5/17/06)	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		CU 01 EA 493601	DISREGARD PRINTS BEARING EARLIER REVISION DATES REVISION DATES: 1-14-10, 1-24-10, 6-17-10, 7-13-10
			SHEET 3 OF 5	

FILE => 01-493601-s-jt-seal-det01.dgn

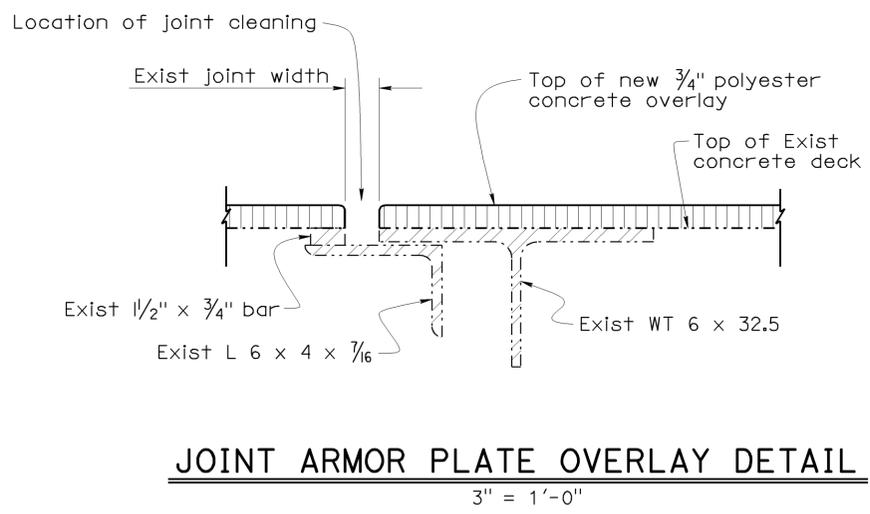
TIME PLOTTED => 08:13
 USERNAME => s124428 DATE PLOTTED => 14-JAN-2011

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
01	DN, Hum	101, 169	Var	11	12

REGISTERED CIVIL ENGINEER DATE 11-15-10
 QUANG M. VO
 No. C 055211
 Exp. 6-30-12
 CIVIL
 STATE OF CALIFORNIA
 PLANS APPROVAL DATE 1-10-11
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OVERLAY BLOCK-OUT AT SCUPPERS
1/2" = 1'-0"
Indicates limits of Polyester Concrete Overlay



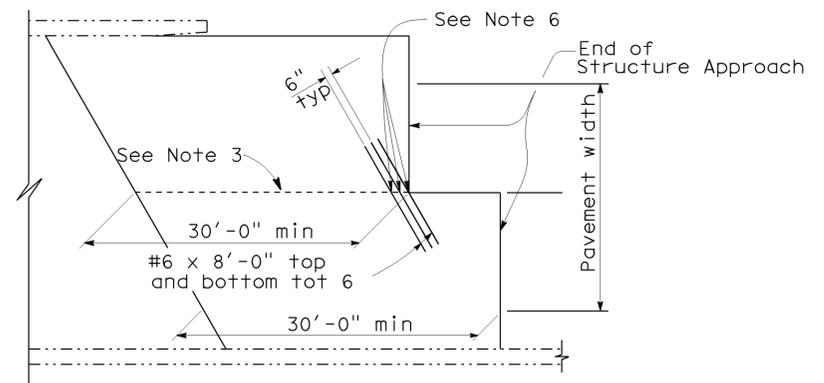
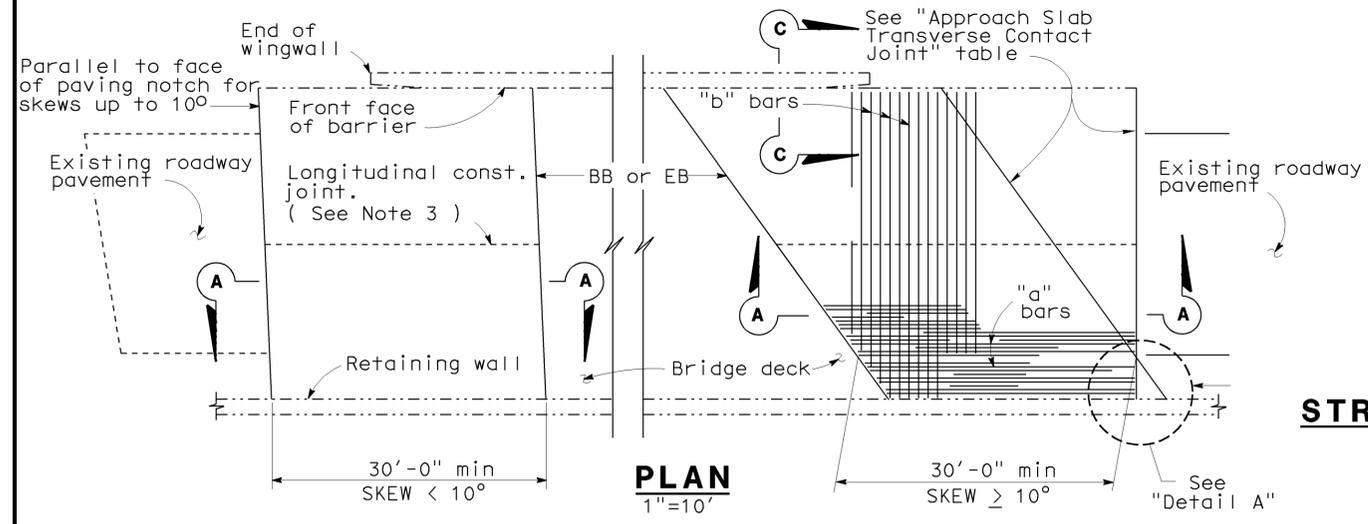
NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 5/17/06)	DESIGN	BY Quang Vo	CHECKED Matt Lee	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTE 101 & 169 BRIDGES	
	DETAILS	BY Dale Kubochi	CHECKED Matt Lee			VARIOUS		
	QUANTITIES	BY Quang Vo	CHECKED Matt Lee			VARIES		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				CU 01 EA 493601	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES	SHEET 4 OF 5

DIST.	COUNTY	ROUTE	MILE POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
01	DN, Hum	101, 169	Var	12	12

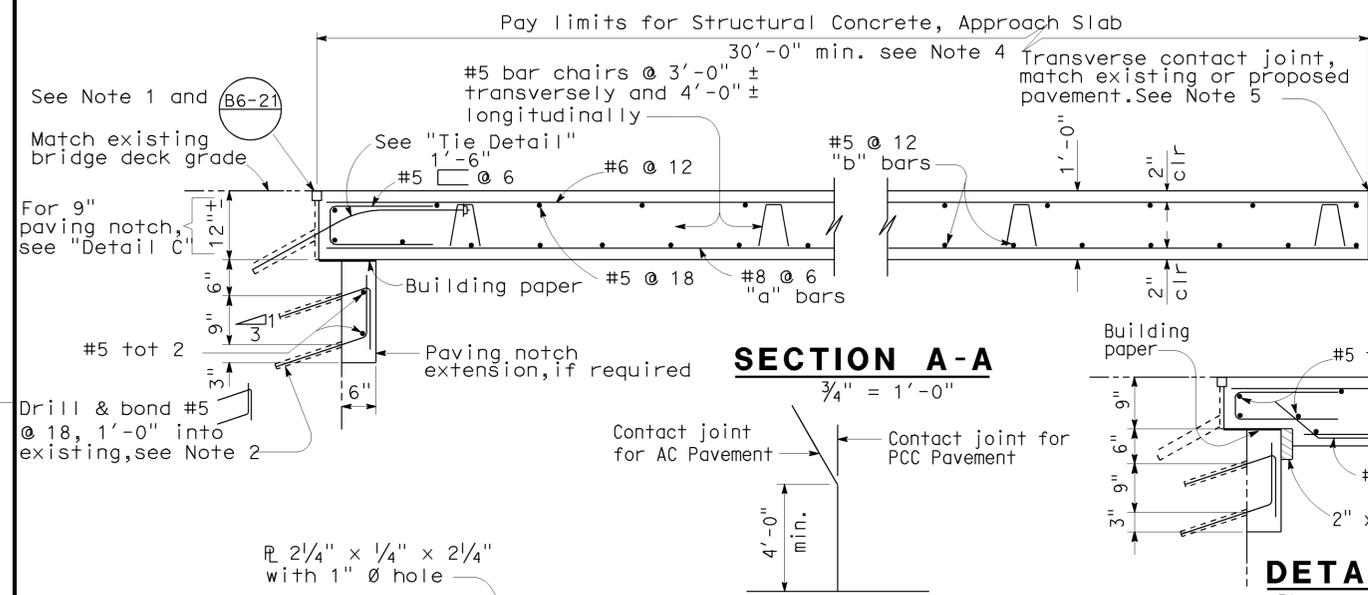
REGISTERED ENGINEER - CIVIL
 QUANG M. VO
 No. C 055211
 Exp. 6-30-12
 CIVIL
 STATE OF CALIFORNIA

1-10-11
 PLANS APPROVAL DATE
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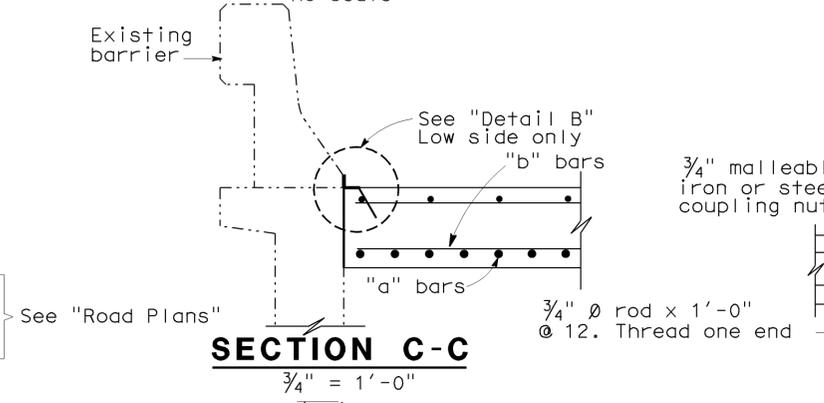


STRUCTURE APPROACH - END STAGGER DETAIL

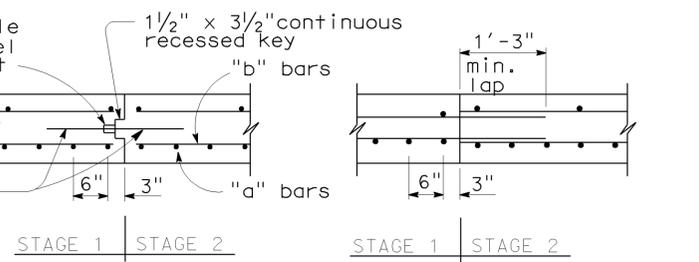
APPROACH SLAB TRANSVERSE CONTACT JOINT		
APPROACH SKEW	WITH AC ROADWAY PAVEMENT	WITH PCC ROADWAY PAVEMENT
< 10°	Parallel to face of paving notch	Parallel to face of paving notch
10° - 45°	Parallel to face of P N use (Detail A)	Stagger lines 24' to 36' apart
> 45°	Parallel to face of P N use (Detail A)	Stagger at each lane line



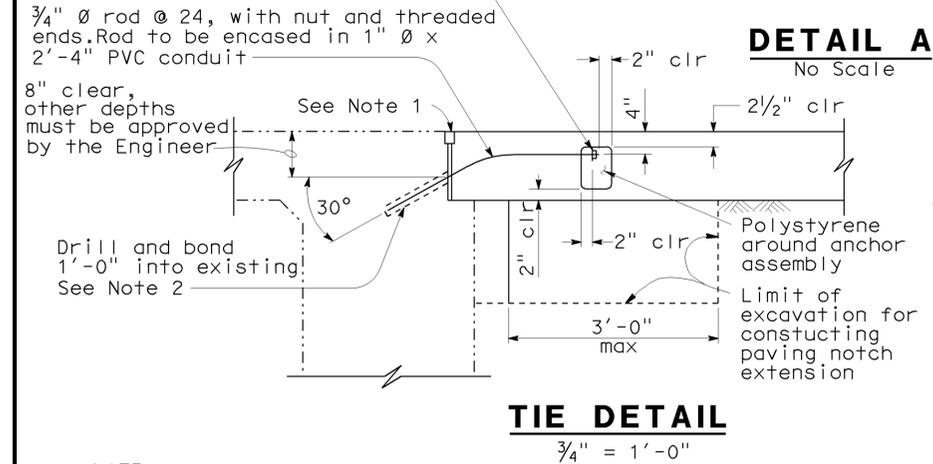
SECTION A-A



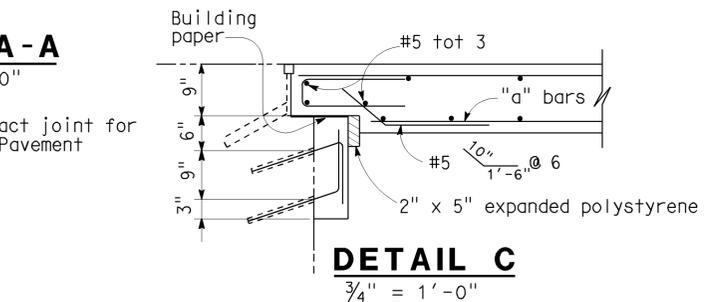
SECTION C-C



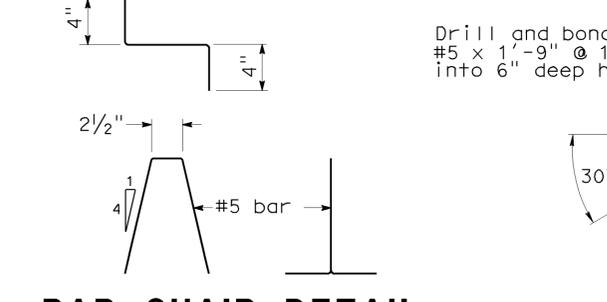
LONGITUDINAL CONSTRUCTION JOINT ALTERNATIVES



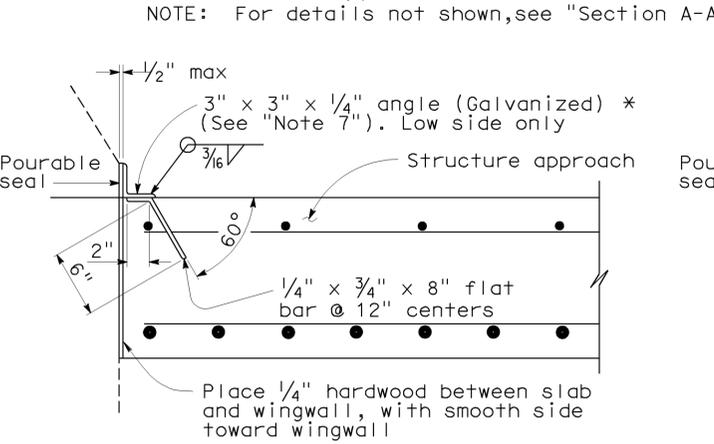
DETAIL A



DETAIL C



BAR CHAIR DETAIL



DETAIL B

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

*(TO BE USED WITH TYPE 25 OR TYPE 27 CONCRETE BARRIER)

*(TO BE USED WITH TYPE 732 OR TYPE 736 CONCRETE BARRIER)

- NOTES:**
- For details not shown or noted, see Structure Plans. Adjust bar reinforcement to clear a sawcut for sealed joint, when required.
 - Space to avoid existing prestress anchorages and main reinforcement.
 - Longitudinal construction joints, when permitted by the Engineer, shall be located on lane lines.
 - Transverse contact joint shall be a minimum of 5'-0" from an existing or constructed weakened plane joint.
 - For transverse contact joint with new PCC paving, refer to Standard Plan P10.
 - Couplers are required for stage construction.
 - End angle or plate at beginning of barrier transition, end of wingwall or end of structure approach as applicable.

STANDARD DRAWING			
RELEASE DATE	DESIGN BY	CHECKED	RELEASED BY
3/14/05	M. TRAFFALIS	E. THORKILDSEN	
FILE NO.	DETAILS BY	CHECKED	
xs3-140e	R. YEE	E. THORKILDSEN	
	SUBMITTED BY	DRAWING DATE	OFFICE CHIEF
	M. HA	8/92	

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

BRIDGE NO. VARIOUS
MILE POST VARIES

ROUTE 101 & 169 BRIDGES
STRUCTURE APPROACH TYPE R(30D)

CU 01
EA 493601

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

1-14-10									
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SHEET 5 OF 5