

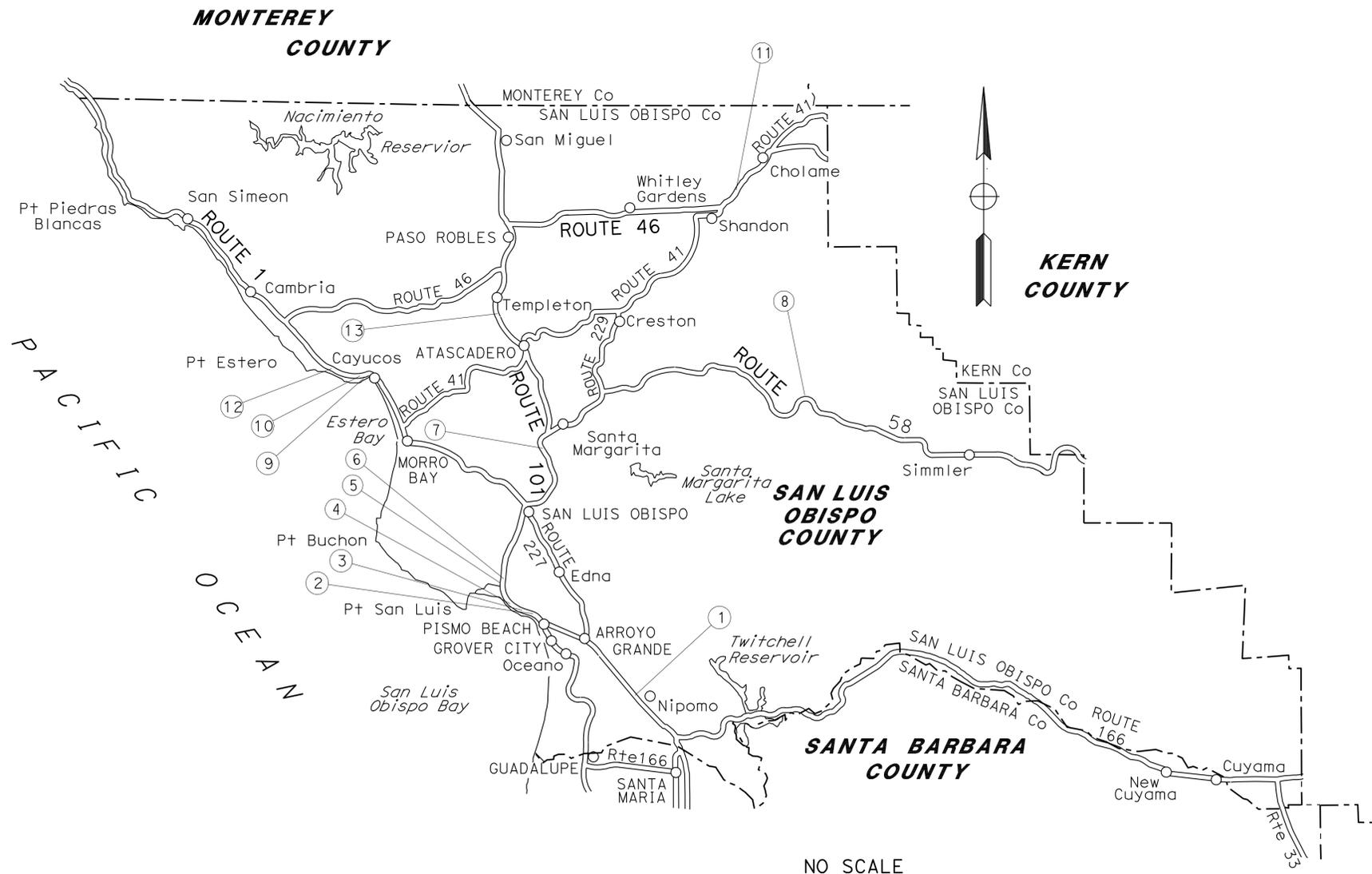
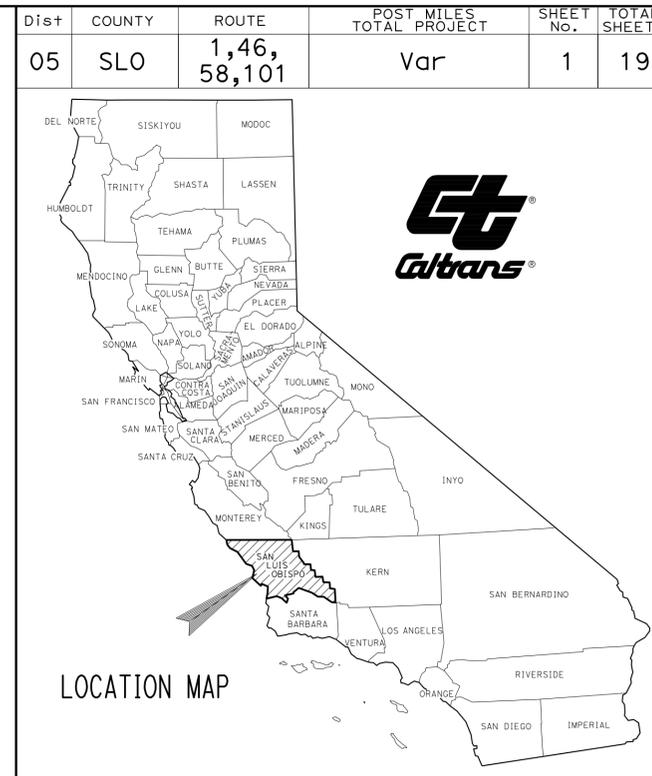
INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2	CONSTRUCTION DETAILS AND SUMMARY OF QUANTITIES
3	CONSTRUCTION AREA SIGNS
4	PAVEMENT DELINEATION QUANTITIES
5-9	REVISED AND NEW STANDARD PLANS
STRUCTURE PLANS	
10-16	GENERAL PLANS
17-19	JOINT SEAL DETAILS

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 SAN LUIS OBISPO COUNTY
AT
VARIOUS LOCATIONS**

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



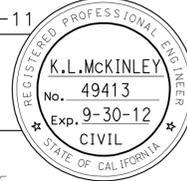
LOCATIONS OF CONSTRUCTION

Loc	Co	ROUTE	PM	NAME OF BRIDGE(S)	BRIDGE No
①	SLO	101	4.85	TEFFT STREET OC	49-0240
②	SLO	101	16.17	PISMO OH	49-0016R
③	SLO	101	16.40	PISMO CREEK	49-0015R
④	SLO	101	R19.81	SHELL BEACH Rd UC	49-0189L
⑤	SLO	101	R21.49	SAN LUIS OBISPO Cr	49-0014L
⑥	SLO	101	R22.30	NORTH AVILA Rd OC	49-0192
⑦	SLO	101	35.6	CUESTA OH	49-0060R/L
⑧	SLO	58	R29.92	NAVAJO Cr	49-0170
⑨	SLO	1	R36.15	CAYUCOS Cr Rd UC	49-0199
⑩	SLO	1	40.29	VILLA Cr	49-0073
⑪	SLO	46	50.66	CHOLAME Cr	49-0029
⑫	SLO	1	R34.91	OLD CREEK Rd UC	49-0197
⑬	SLO	101	52.44	MAIN STREET OC	49-0200

PROJECT MANAGER
KELLY J. McCLAIN

DESIGN ENGINEER
KELLY J. McCLAIN

PROJECT ENGINEER
 REGISTERED CIVIL ENGINEER
 DATE: 10-17-11
December 5, 2011
 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.



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

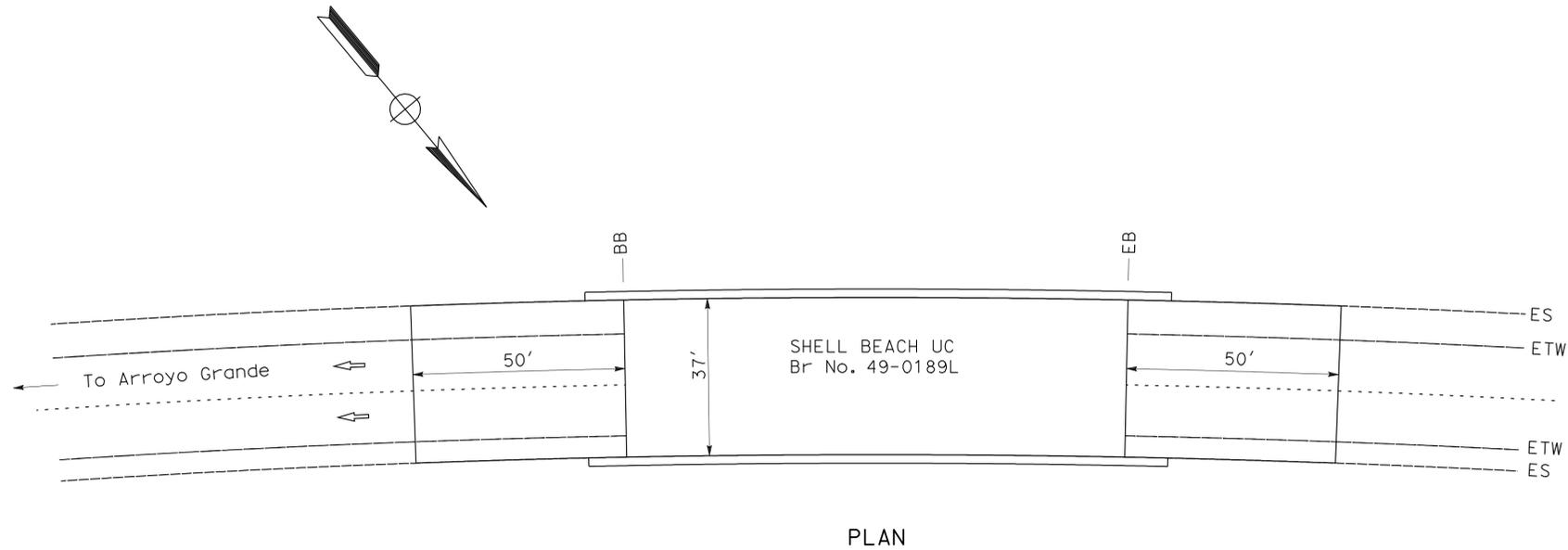
DATE PLOTTED => 09-DEC-2011 TIME PLOTTED => 11:06

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SLO	1,46, 58,101	Var	2	19

K.L. McKINLEY 10-17-11
 REGISTERED CIVIL ENGINEER DATE
 12-5-11
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 K.L. MCKINLEY
 No. 49413
 Exp. 9-30-12
 CIVIL
 STATE OF CALIFORNIA

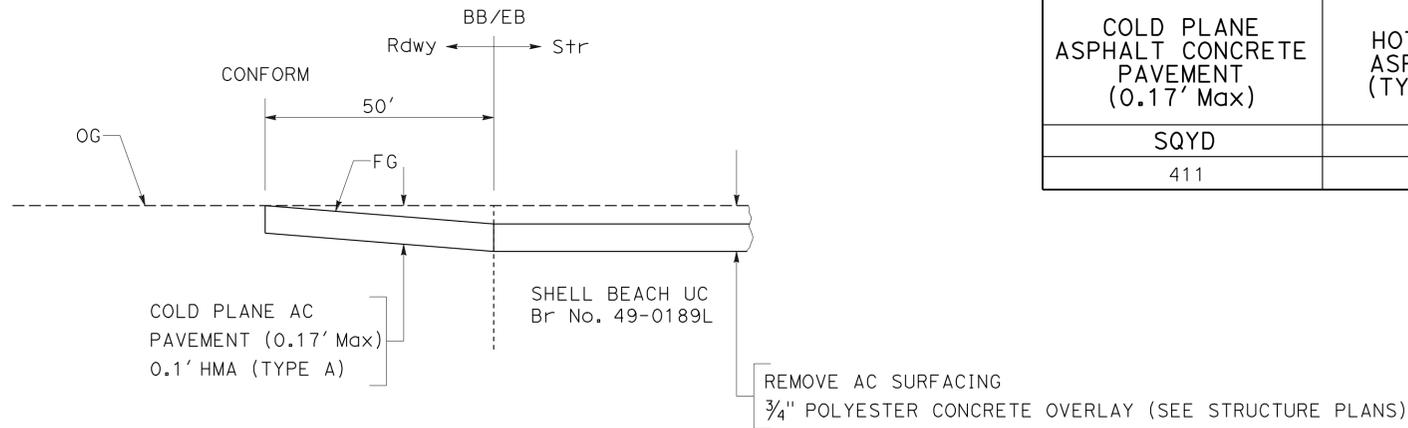
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PLAN

PAVING QUANTITIES

COLD PLANE ASPHALT CONCRETE PAVEMENT (0.17' Max)	HOT MIX ASPHALT (TYPE A)	TACK COAT	COMMENTS
SQYD	TON	TON	
411	26	1.2	PAVEMENT TRANSITION TAPERS



ELEVATION

PAVEMENT TRANSITION TAPER

CONSTRUCTION DETAILS AND SUMMARY OF QUANTITIES

(LOCATION 4)

NO SCALE

C-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN
 FUNCTIONAL SUPERVISOR: KELLY J. McCLAIN
 CALCULATED/DESIGNED BY: [blank] CHECKED BY: [blank]
 K.L. MCKINLEY
 KELLY J. McCLAIN
 REVISED BY: [blank] DATE: [blank]

NOTES:

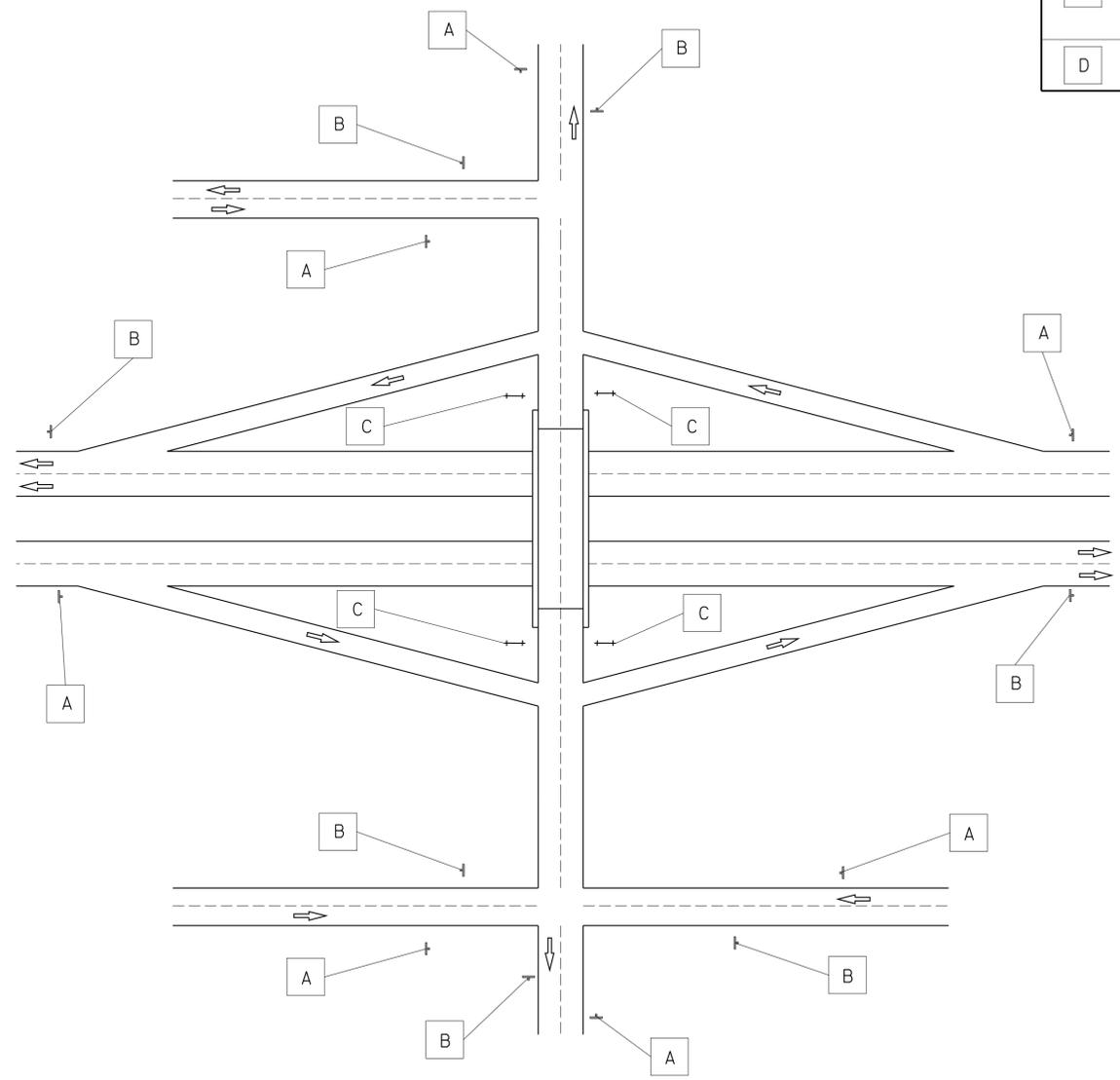
- EXACT LOCATION OF CONSTRUCTION AREA SIGNS TO BE DETERMINED BY THE ENGINEER.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.
- SPECIAL SIGN "C" TO BE USED WHEN EXISTING STRUCTURE HAS SIDEWALKS.
- AT LEAST ONE SIDEWALK SHALL REMAIN OPEN FOR PEDESTRIAN ACCESS DURING CONSTRUCTION.

LEGEND:

- CONSTRUCTION AREA SIGN
- \Rightarrow DIRECTION OF TRAVEL
- \updownarrow TYPE II BARRICADE

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN	CODE	MESSAGE	PANEL SIZE	No. OF SIGNS	No. OF POSTS AND SIZE	REMARKS
A	W20-1	ROAD WORK AHEAD	48" x 48"	25	1 - 4" x 6"	STATIONARY MOUNTED
B	G20-2	END ROAD WORK	48" x 24"	34	1 - 4" x 6"	STATIONARY MOUNTED
C	"C"	SIDEWALK CLOSED PEDESTRIANS PROHIBITED	24" x 24"	8		BARRICADE MOUNTED. TO BE USED ONLY WHEN WORK IS IN PROGRESS AND WITHIN 6 FT OF SW
D	W20-1	ROAD WORK AHEAD	60" x 60"	18	2 - 4" x 4"	STATIONARY MOUNTED

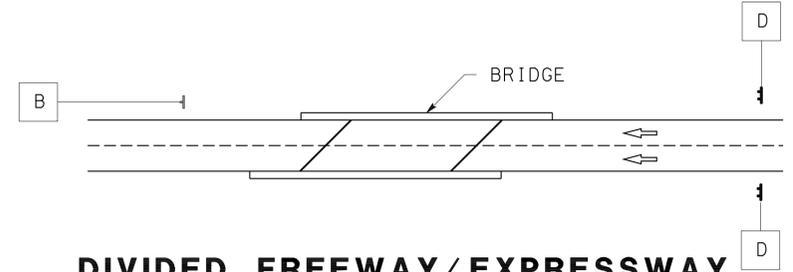


OVERCROSSING WITH RAMPS AND FRONTAGE ROAD

Loc	ROUTE	PM	NAME OF BRIDGE	BRIDGE No.	SIGN			COMMENT
					A	B	C	
1	101	4.85	TEFFT St OC	49-0240	6	6	4	NOTES 3, 4
6	101	R22.30	NORTH AVILA Rd OC	49-0192	6	6	2	NOTES 3, 4
14	101	52.44	MAIN St OC	49-0200	7	7	2	NOTES 3, 4
SUBTOTAL					19	19	8	

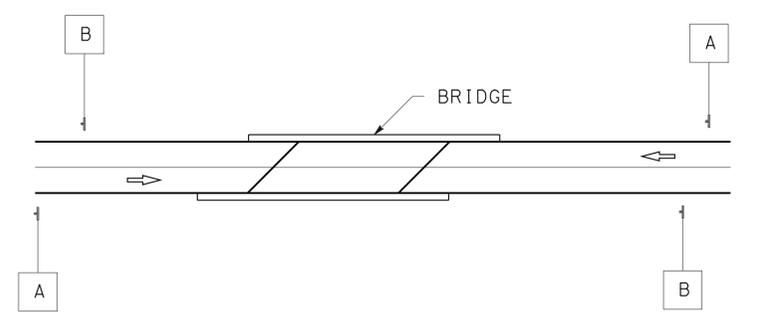


BLACK LETTERS ON WHITE BACKGROUND
MOUNT PANEL ON TYPE II BARRICADE
SPECIAL SIGN "C"



DIVIDED FREEWAY/EXPRESSWAY

Loc	ROUTE	PM	NAME OF BRIDGE	BRIDGE No.	SIGN	
					B	D
2	101	16.17	PISMO OH	49-0016R	1	2
3	101	16.40	PISMO CREEK	49-0015R	1	2
4	101	R16.81	SHELL BEACH Rd UC	49-0189L	1	2
5	101	R21.49	SAN LUIS OBISPO CREEK	49-0014L	1	2
7	101	R35.60	CUESTA OH	49-0060R/L	2	4
9	1	R36.15	CAYUCOS CREEK Rd UC	49-0199	1	2
12	101	R34.91	OLD CREEK Rd UC	49-0197	2	4
SUBTOTAL					9	18



BRIDGE WITH TWO WAY TRAFFIC

Loc	ROUTE	PM	NAME OF BRIDGE	BRIDGE No.	SIGN	
					A	B
8	58	R29.92	NAVAJO CREEK	49-0170	2	2
10	1	40.29	VILLA CREEK	49-0073	2	2
11	46	50.66	CHOLAME CREEK	49-0029	2	2
SUBTOTAL					6	6

**CONSTRUCTION AREA SIGNS
NO SCALE
CS-1**

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN
 FUNCTIONAL SUPERVISOR: KELLY J. McCLAIN
 CALCULATED/DESIGNED BY: KELLY J. McCLAIN
 REVISOR: KELLY L. MCKINLEY
 DATE REVISOR: KELLY J. McCLAIN

LAST REVISION: 10-17-11 DATE PLOTTED => 09-DEC-2011 TIME PLOTTED => 11:06

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SLO	1,46, 58,101	Var	5	19

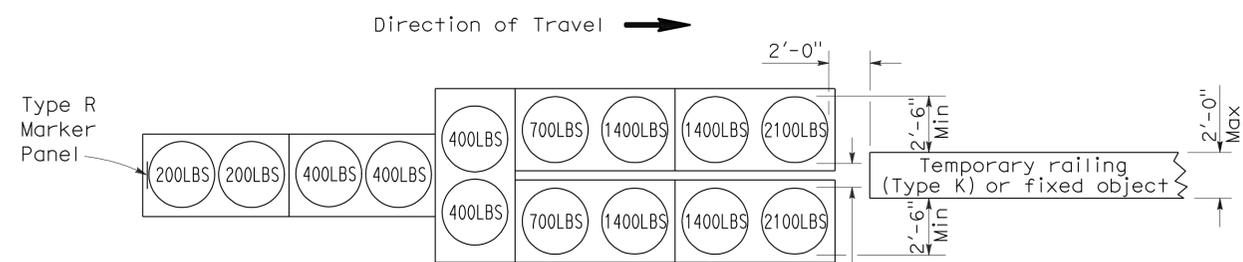
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

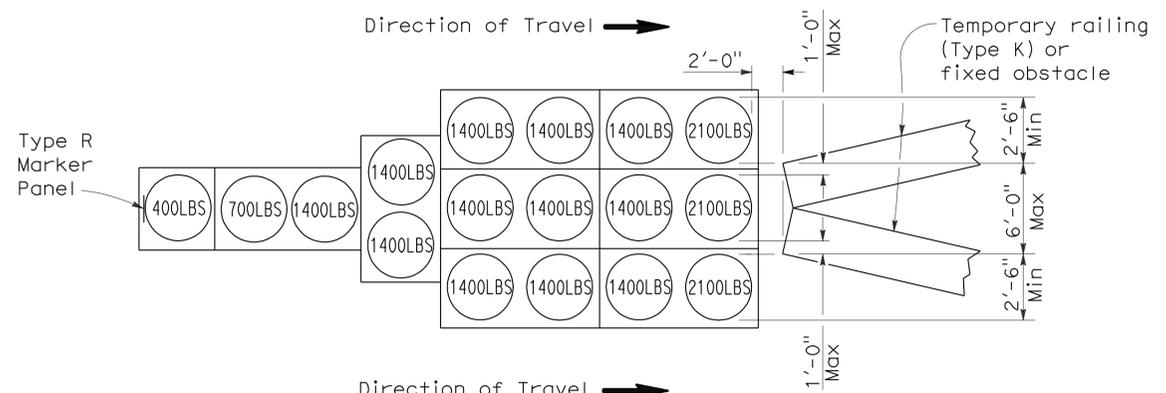
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 12-5-11



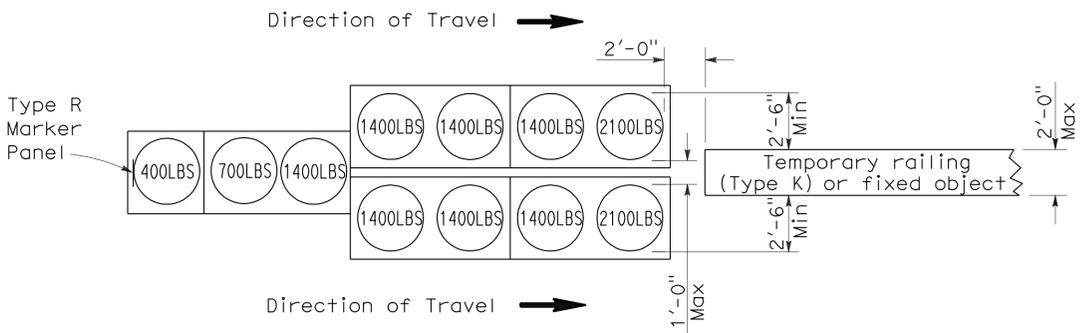
ARRAY 'TU14'

Approach speed 45 mph or more



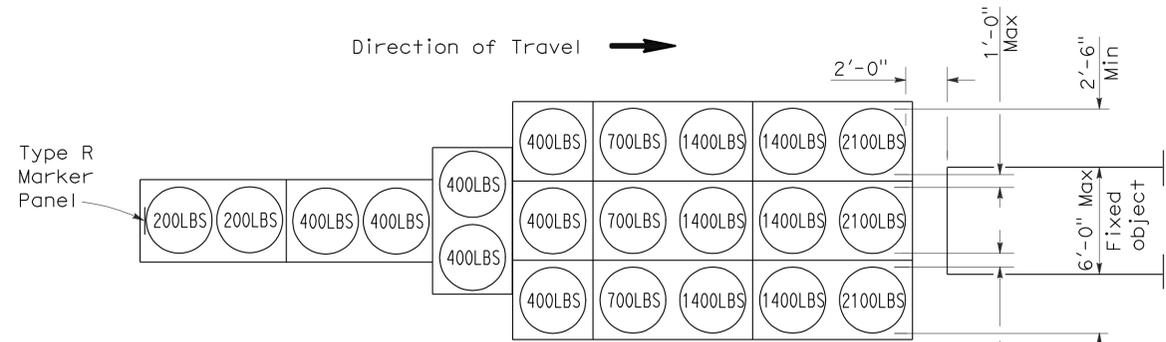
ARRAY 'TU17'

Approach speed less than 45 mph



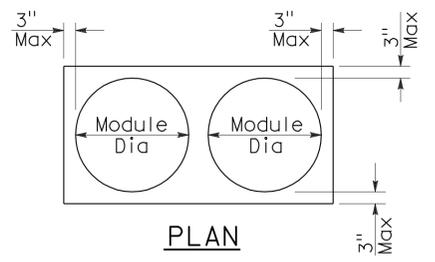
ARRAY 'TU11'

Approach speed less than 45 mph

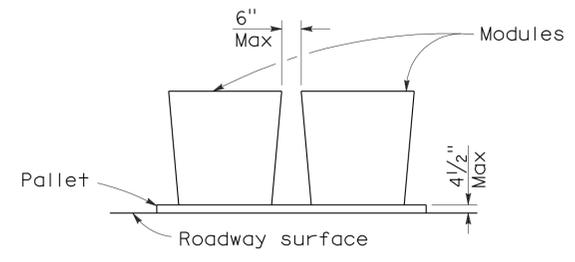


ARRAY 'TU21'

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

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SLO	1,46, 58,101	Var	6	19

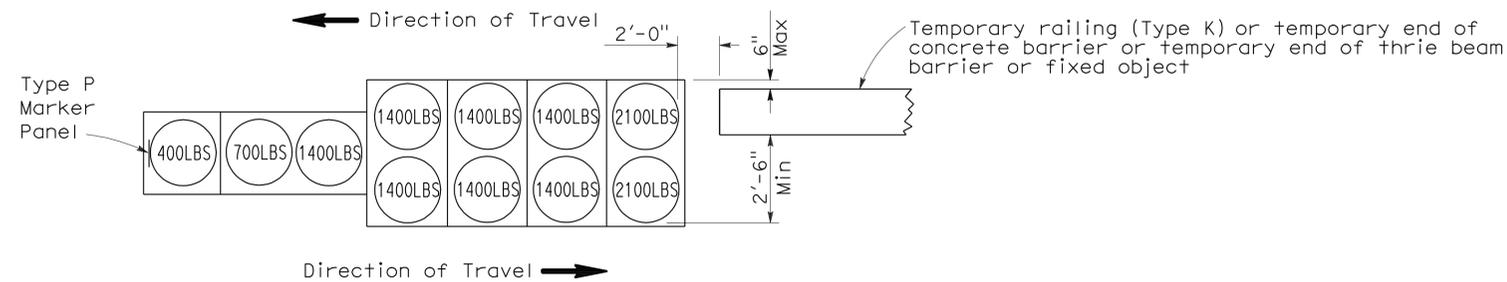
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

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.

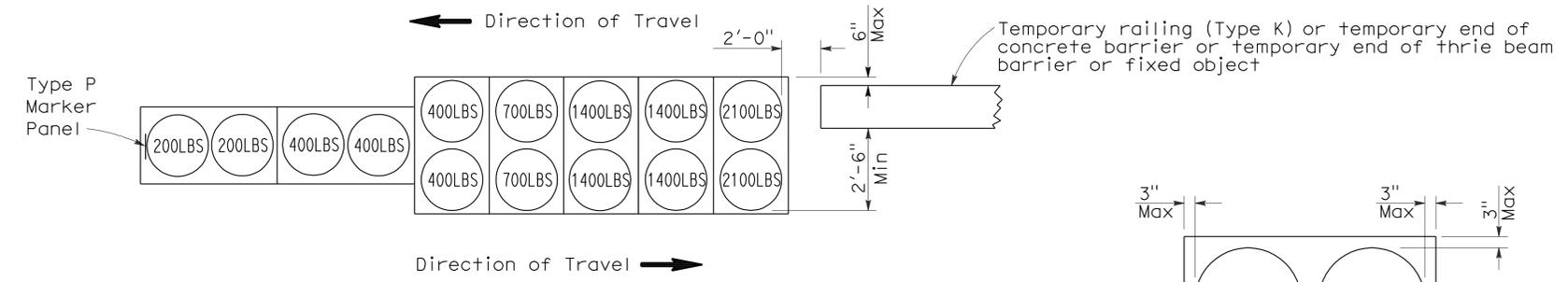
REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

To accompany plans dated 12-5-11



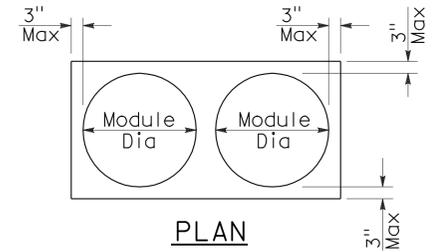
ARRAY 'TB11'

Approach speed less than 45 mph

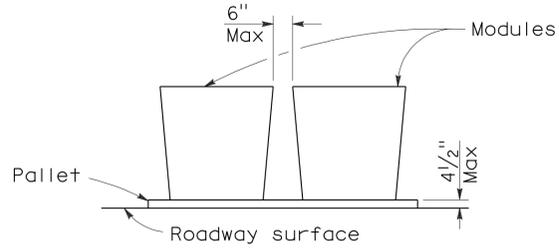


ARRAY 'TB14'

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

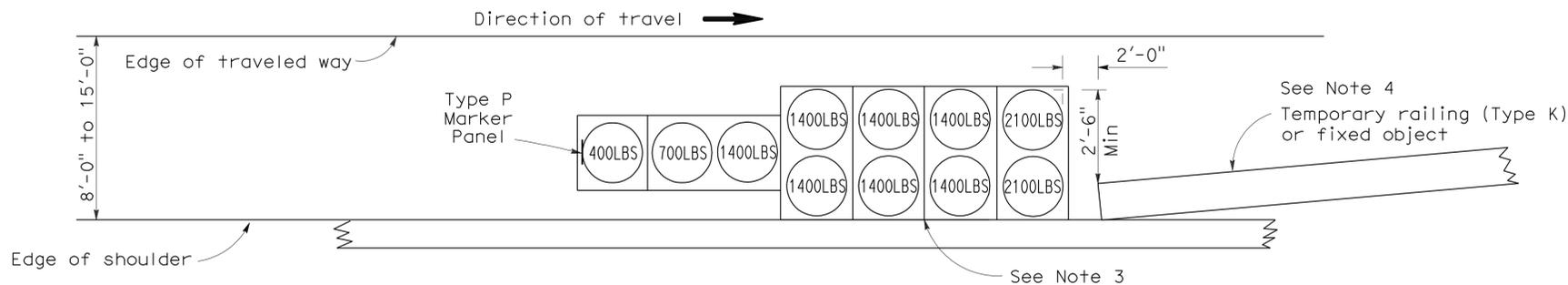
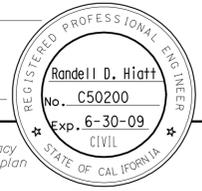
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SLO	1,46, 58,101	Var	7	19

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

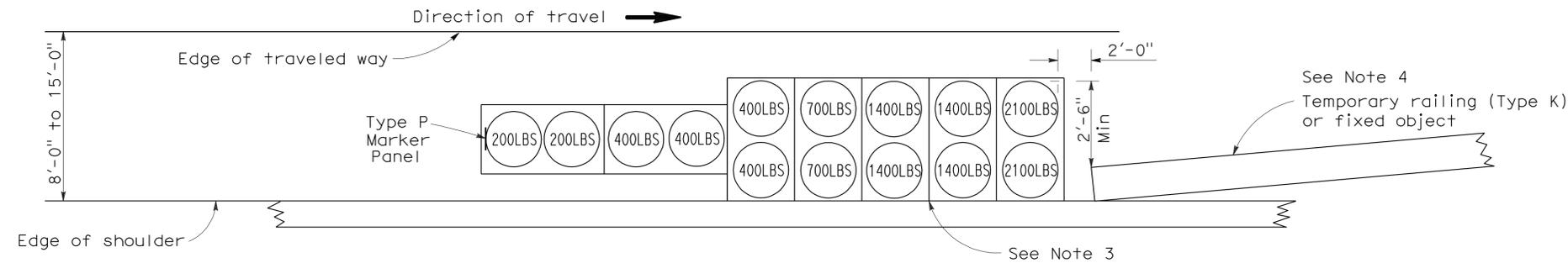
June 6, 2008
PLANS APPROVAL DATE

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.

To accompany plans dated 12-5-11



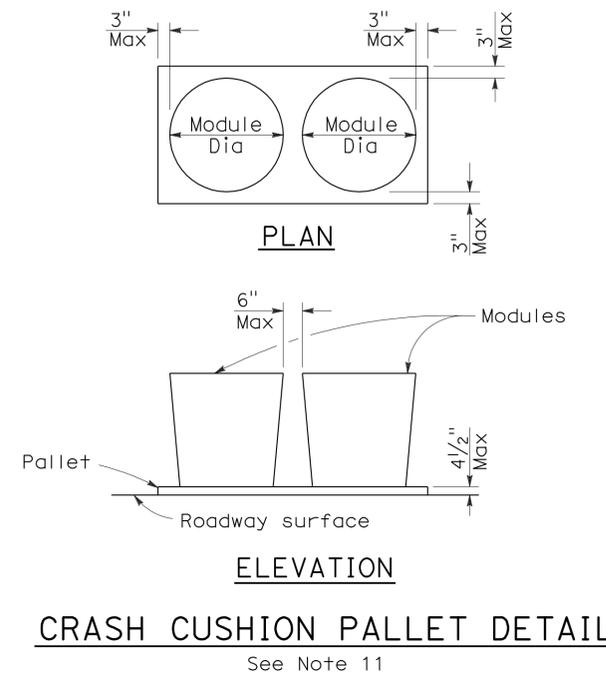
ARRAY 'TS11'
Approach speed less than 45 mph
See Note 9



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

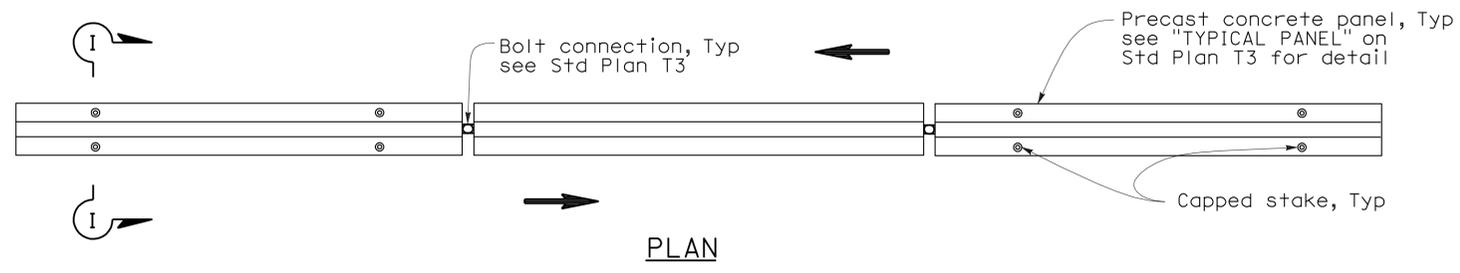
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SLO	1,46, 58,101	Var	8	19

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

May 20, 2011
PLANS APPROVAL DATE

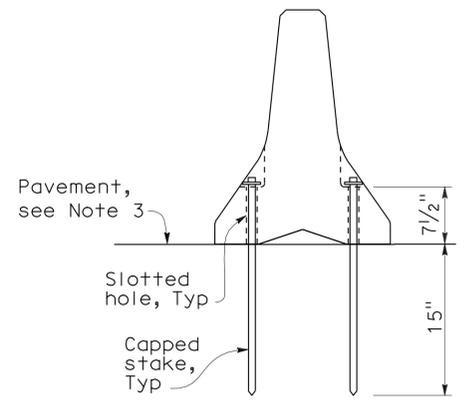
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 12-5-11



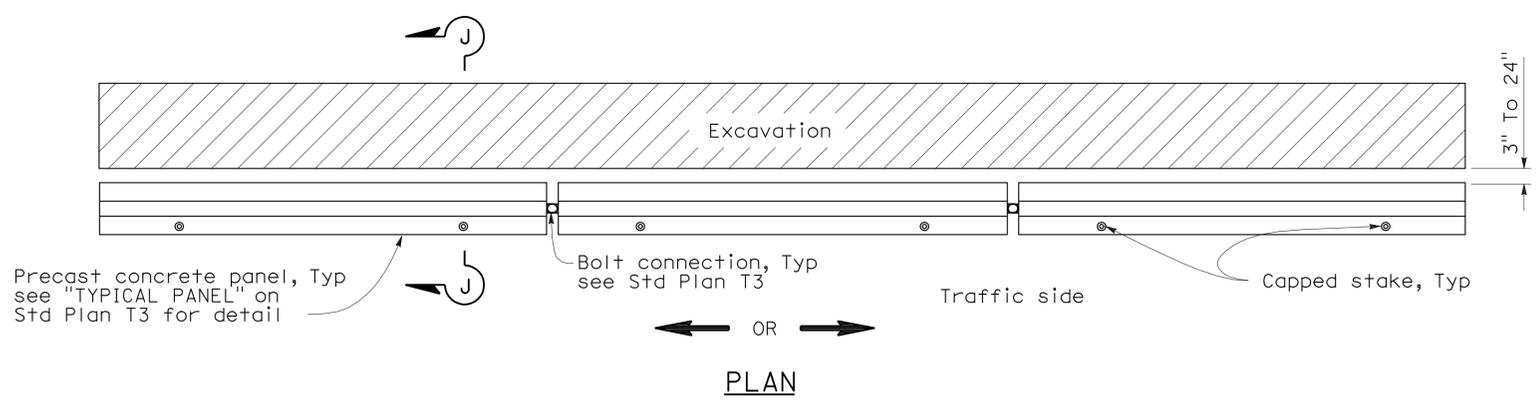
RAILING STAKING CONFIGURATION FOR TWO-WAY TRAFFIC

See Note 1



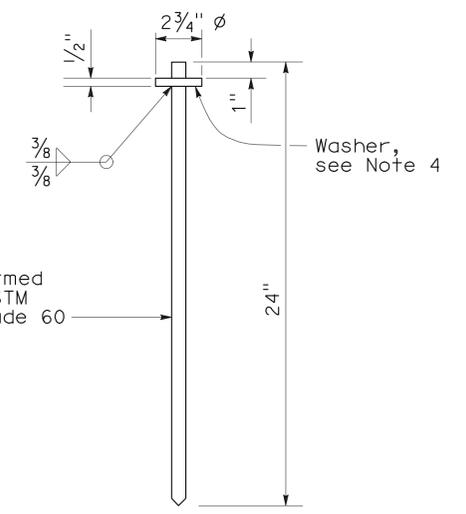
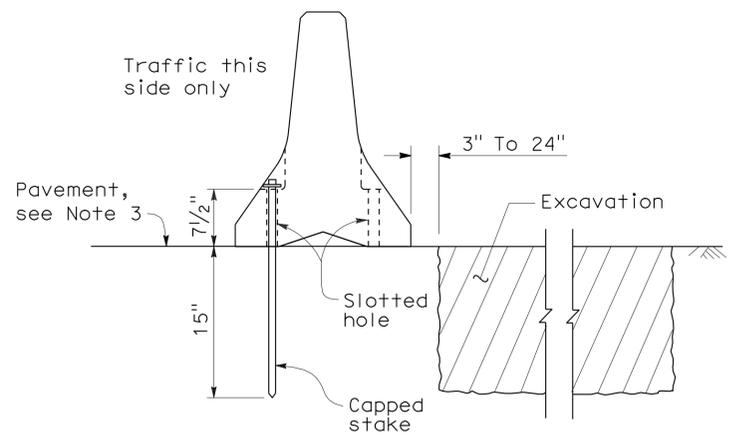
NOTES:

1. Where Type K Temporary Railing is placed as a temporary or long term barrier in two-way traffic on highways with less than 24" from the edge of traveled way, use four capped stakes per every other panel with end panels staked.
2. Where Type K Temporary Railing is placed 3" to 24" from the edge of an excavation on highways, use two capped stakes per panel along the traffic side.
3. Staked Type K Temporary Railing must be supported by at least 4" thick concrete, hot mix asphalt or existing asphalt concrete pavement.
4. The minimum yield strength for the washer must be 60,000 psi.
5. Direction of adjacent traffic indicated by \Rightarrow .



RAILING STAKING CONFIGURATION ADJACENT TO AN EXCAVATION

See Note 2



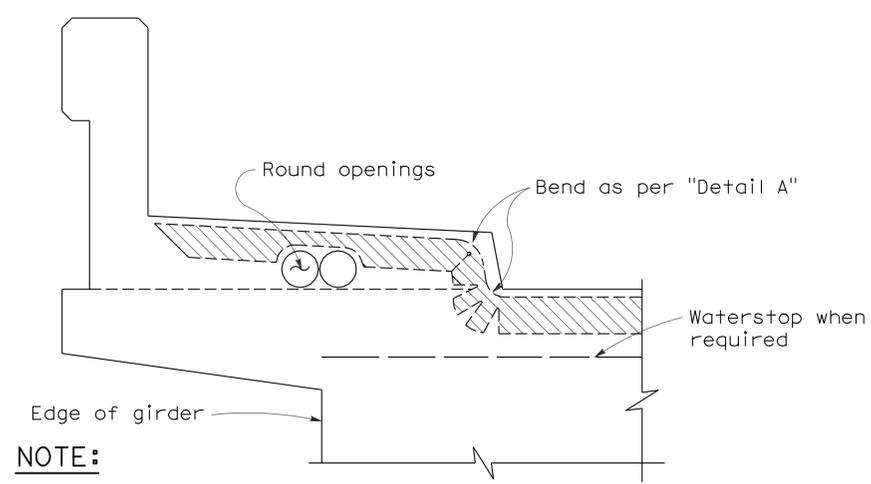
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TEMPORARY RAILING
(TYPE K)**

NO SCALE

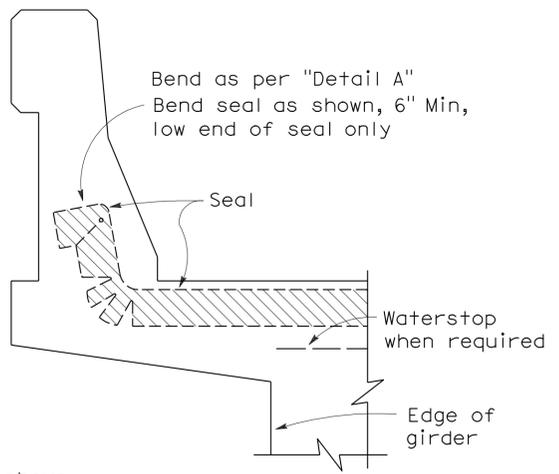
NSP T3A DATED MAY 20, 2011 SUPPLEMENTS
THE STANDARD PLANS BOOK DATED MAY 2006.

2006 NEW STANDARD PLAN NSP T3A

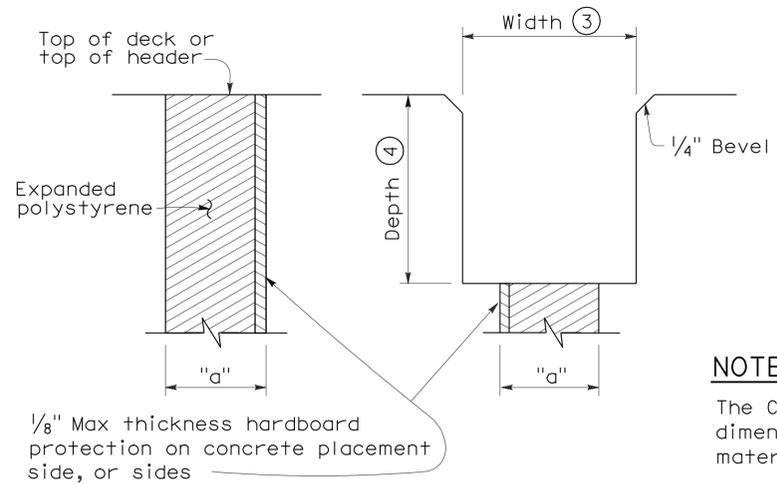


NOTE:
Type "B" seal shown. Type "A" seals to conform to the general path of seal shown, cuts for bending not required. Bend Type "A" seals 3" up into curb or barrier rail on only the low end of the seal.

CONCRETE BARRIER AND SIDEWALK



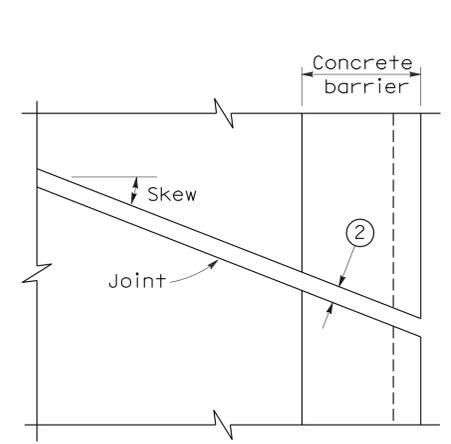
CONCRETE BARRIER



FORMING DETAIL SAWCUT DETAIL

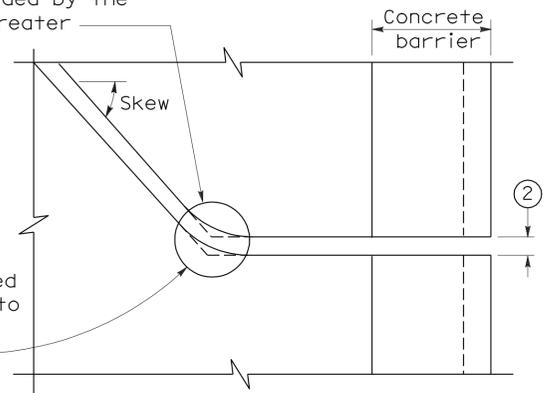
NOTE:
The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.

JOINT SEALS DETAILS



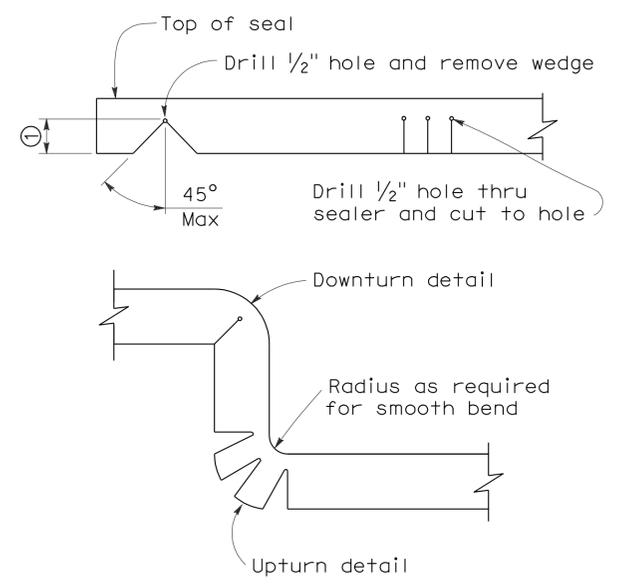
PLAN OF JOINT (SKEW ≤ 20°)

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

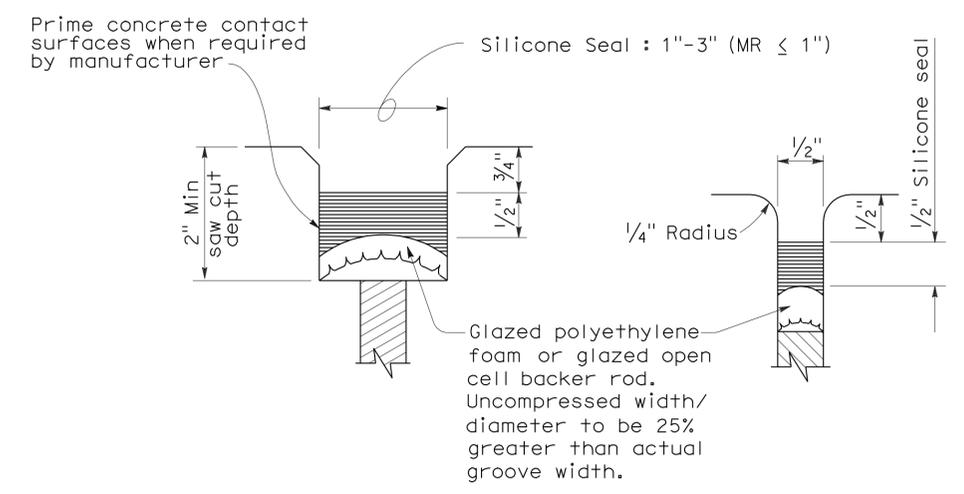
NOTES:

- 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

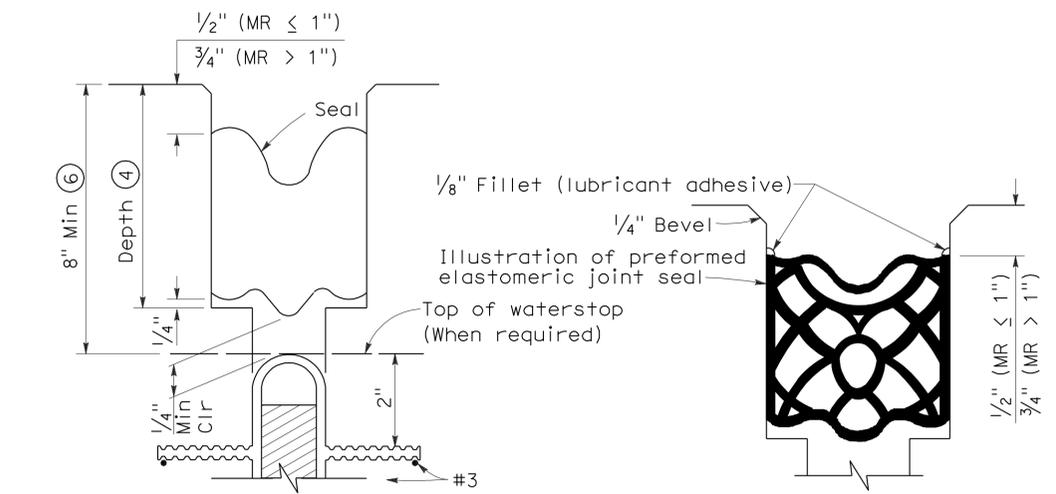


TYPE A SEAL

Movement rating : Silicone = 1" Max

TYPE AL SEAL

Longitudinal joints only



TYPE B JOINT SEAL IN MINIMUM WIDTH POSITION (W₂)

TYPE B SEAL

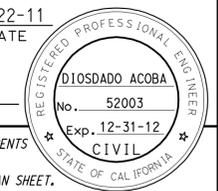
Movement Rating ≤ 2"

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.

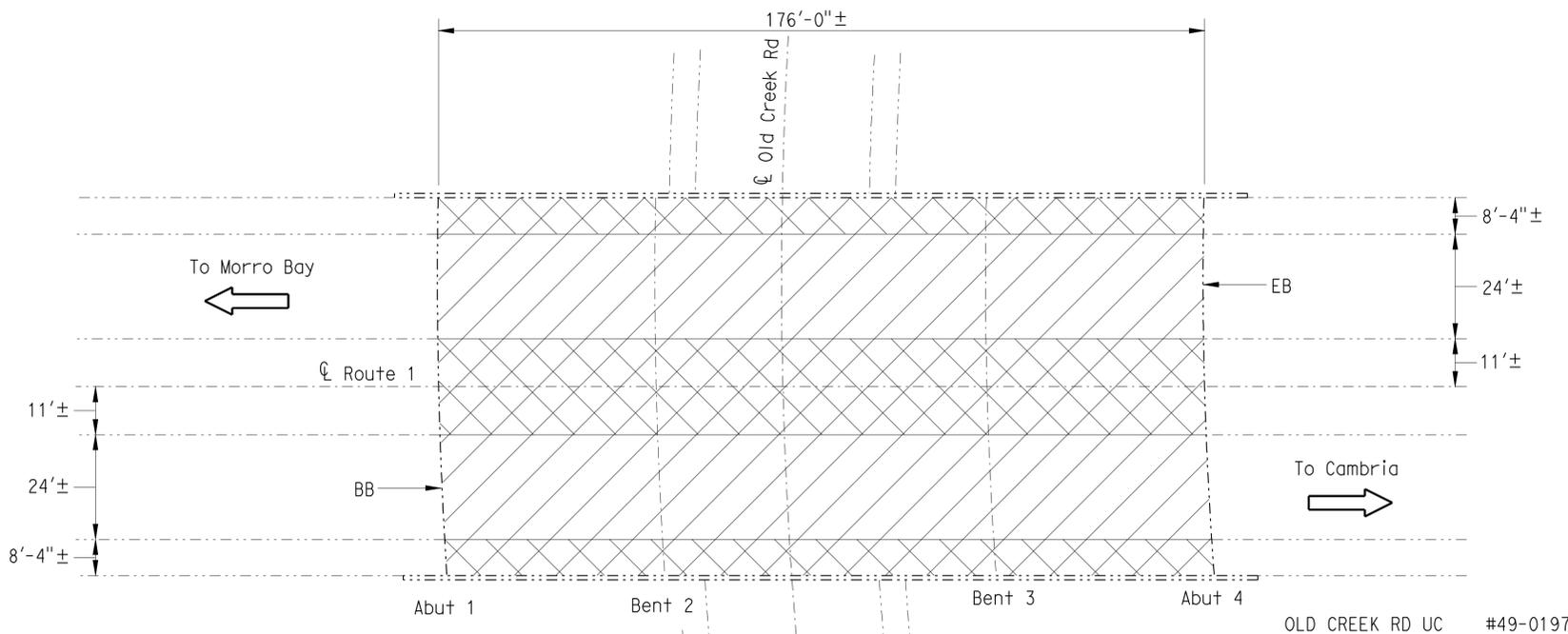
REVISED STANDARD PLAN RSP B6-21

2006 REVISED STANDARD PLAN RSP B6-21

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SLO	1,46, 58, 101	Var	10	19
			8-22-11		
REGISTERED CIVIL ENGINEER			DATE		
			12-5-11		
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.					



- NOTES:
- Indicates existing.
 - Indicates limits of clean and treat bridge deck with high molecular weight methacrylate.
 - Indicates limits of remove contrast treatment.



INDEX TO PLANS

SHEET NO.	TITLE
1	GENERAL PLAN NO.1
2	GENERAL PLAN NO.2
3	GENERAL PLAN NO.3
4	GENERAL PLAN NO.4
5	GENERAL PLAN NO.5
6	GENERAL PLAN NO.6
7	GENERAL PLAN NO.7
8	JOINT SEAL DETAILS NO.1
9	JOINT SEAL DETAILS NO.2
10	JOINT SEAL ASSEMBLY (MAXIMUM MOVEMENT RATING = 4")

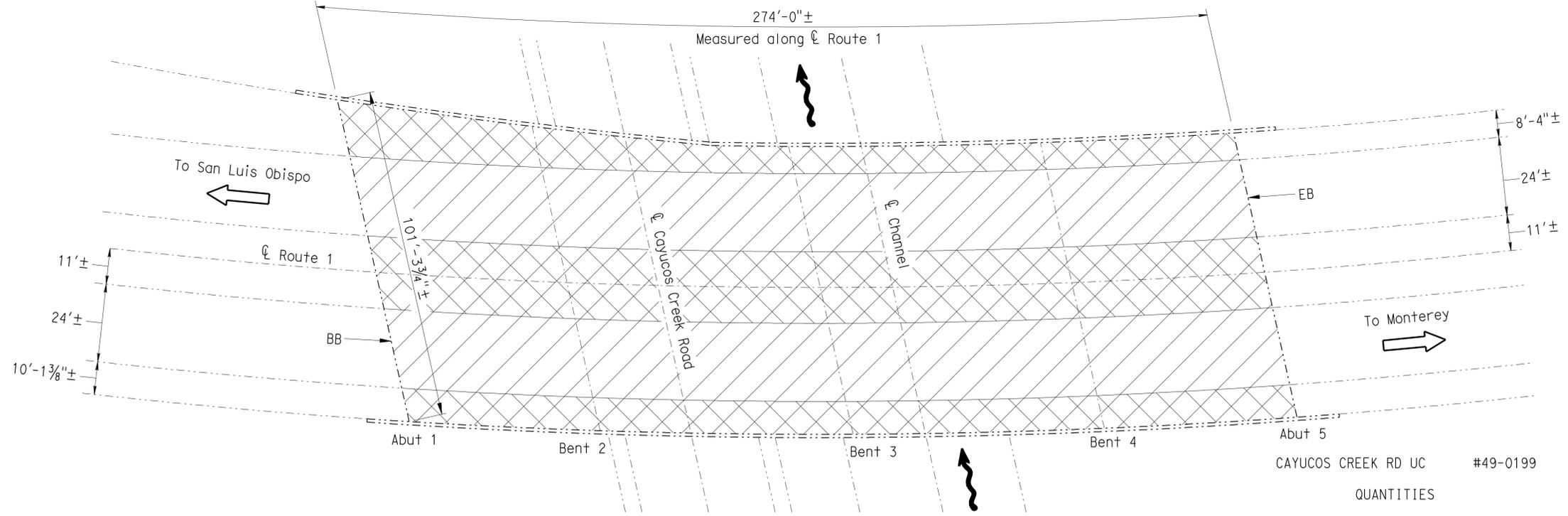
OLD CREEK ROAD UC
 Br No. 49-0197, SLO, Route 1, PM R34.91
 1"=20'

QUANTITIES

REMOVE CONTRAST TREATMENT	6,800	SQFT
CLEAN BRIDGE DECK	15,250	SQFT
TREAT BRIDGE DECK	15,250	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	170	GAL

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")



CAYUCOS CREEK RD UC
 Br No. 49-0199, SLO, Route 1, PM R36.15
 1"=20'

QUANTITIES

REMOVE CONTRAST TREATMENT	11,800	SQFT
CLEAN BRIDGE DECK	25,000	SQFT
TREAT BRIDGE DECK	25,000	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	280	GAL

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

PROJECT NUMBER & PHASE 0500020093

Matthew Lee
 DESIGN ENGINEER 8-18-11

DESIGN	BY D. Acoba	CHECKED M. Hashimoto
DETAILS	BY N. Kelley	CHECKED M. Hashimoto
QUANTITIES	BY D. Acoba	CHECKED M. Hashimoto

LAYOUT	BY N. Kelley	CHECKED D. Acoba
SPECIFICATIONS	BY K. Meier	PLANS AND SPECIFICATIONS COMPARED K. Meier

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
 STRUCTURE MAINTENANCE DESIGN

BRIDGE NO.	Varies
POST MILE	Varies

ROUTE 1,46,58, & 101 BRIDGES
GENERAL PLAN NO. 1

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

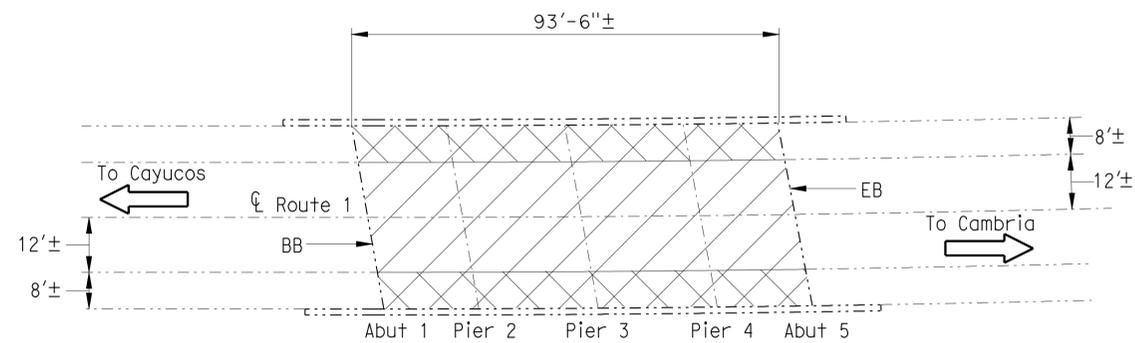
CU 05
 EA 0T9001

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES	6-12-11	6-21-11	7-26-11	8-28-11	9-8-11				
SHEET	1								
OF	10								

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SLO	1,46,58,101	Var	11	19
REGISTERED CIVIL ENGINEER			DATE	8-22-11	
12-5-11			PLANS APPROVAL DATE		
REGISTERED PROFESSIONAL ENGINEER DIOSDADO ACOPA No. 52003 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 ELECTRONIC COPIES OF THIS PLAN SHEET.					

- NOTES:
- Indicates existing.
 - Indicates location of existing joint seal removal and placement of new joint seal.
 -  Indicates limits of clean and treat bridge deck with high molecular weight methacrylate.
 -  Indicates limits of remove contrast treatment.

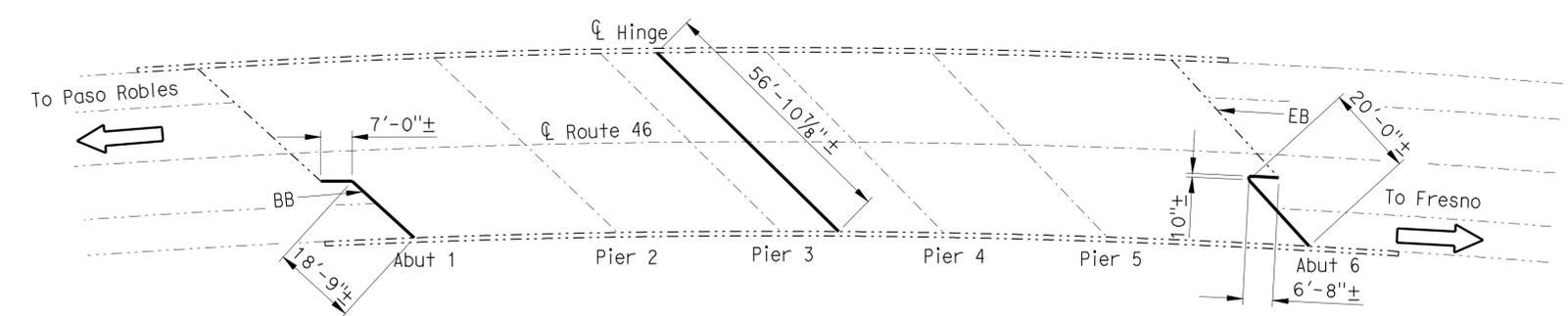


VILLA CREEK
 Br No. 49-0073, SLO, Route 1, PM 40.29
 1"=20'

VILLA CREEK #49-0073

QUANTITIES

REMOVE CONTRAST TREATMENT	1,500	SQFT
CLEAN BRIDGE DECK	3,740	SQFT
TREAT BRIDGE DECK	3,740	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	40	GAL



CHOLAME CREEK
 Br No. 49-0029, SLO, Route 46, PM 50.66
 1"=20'

CHOLAME CREEK #49-0029

QUANTITIES

CLEAN EXPANSION JOINT	113	LF
JOINT SEAL (MR 1/2")	55	LF
JOINT SEAL (MR 1")	58	LF

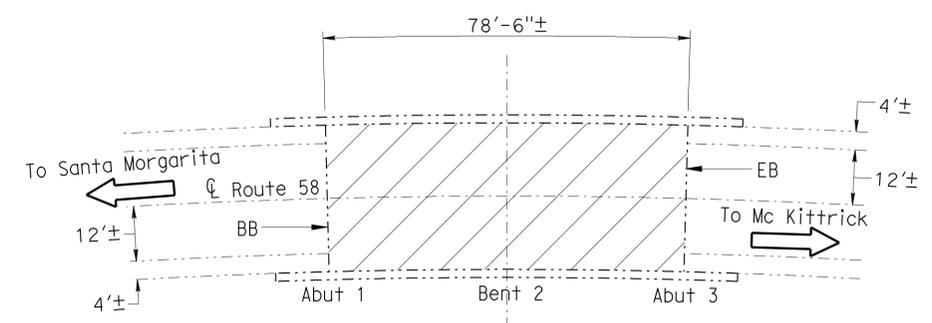
NOTE:
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

PROJECT NUMBER & PHASE 0500020093

 DESIGN ENGINEER 8-18-11	DESIGN	BY D. Acoba	CHECKED M. Hashimoto	LAYOUT	BY N. Kelley	CHECKED D. Acoba	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	Varies		ROUTE 1,46,58, & 101 BRIDGES GENERAL PLAN NO. 2				
	DETAILS	BY N. Kelley	CHECKED M. Hashimoto	SPECIFICATIONS	BY K. Meier	CHECKED K. Meier			POST MILE	Various						
	QUANTITIES	BY D. Acoba	CHECKED M. Hashimoto			ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			0 1 2 3	CU 05 EA 0T9001	DISREGARD PRINTS BEARING EARLIER REVISION DATES		<table border="1"> <tr> <td>6-2-11</td> <td>6-2-11</td> <td>7-2-11</td> <td>7-2-11</td> <td>8-2-11</td> <td>9-8-11</td> </tr> </table>	6-2-11	6-2-11	7-2-11
6-2-11	6-2-11	7-2-11	7-2-11	8-2-11	9-8-11											

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SLO	1,46, 58, 101	Var	12	19
REGISTERED CIVIL ENGINEER			DATE	8-22-11	
PLANS APPROVAL DATE			12-5-11		
REGISTERED PROFESSIONAL ENGINEER DIOSDADO ACOPA No. 52003 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 ELECTRONIC COPIES OF THIS PLAN SHEET.					

NOTES:
 ----- Indicates existing.
 Indicates limits of clean and treat bridge deck with high molecular weight methacrylate.



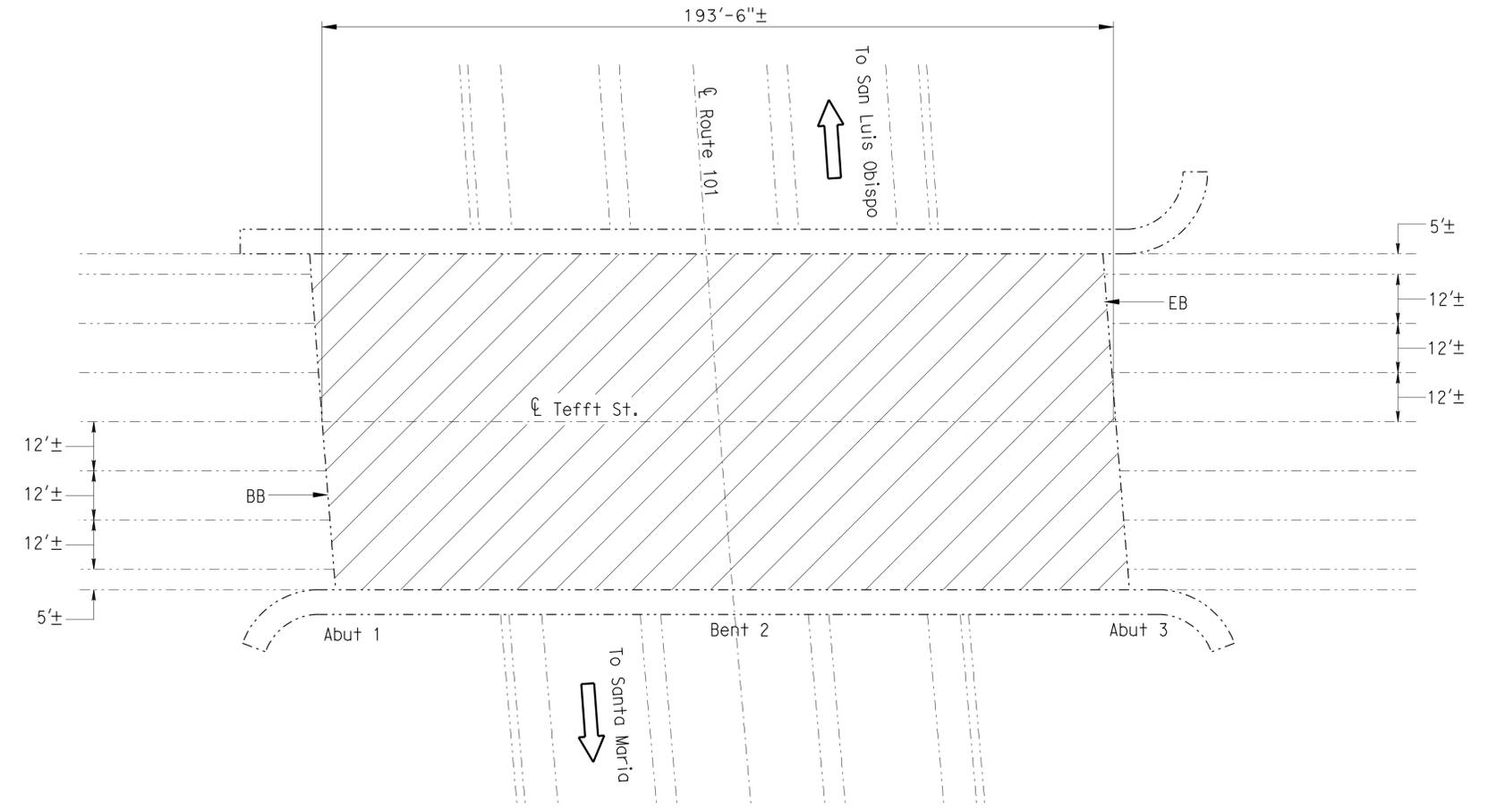
NAVAJO CREEK

Br No. 49-0170, SLO, Route 58, PM R29.92
 1"=20'

NAVAJO CREEK #49-0170

QUANTITIES

CLEAN BRIDGE DECK	2,510	SQFT
TREAT BRIDGE DECK	2,510	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	28	GAL



TEFFT STREET OVERCROSSING

Br No. 49-0240, SLO, Route 101, PM 4.85
 1"=20'

TEFFT STREET OC #49-0240

QUANTITIES

CLEAN BRIDGE DECK	15,870	SQFT
TREAT BRIDGE DECK	15,870	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	175	GAL

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

PROJECT NUMBER & PHASE 0500020093

 DESIGN ENGINEER 8-18-11	DESIGN	BY D. Acoba	CHECKED M. Hashimoto	LAYOUT	BY N. Kelley	CHECKED D. Acoba	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTE 1,46,58, & 101 BRIDGES					
	DETAILS	BY N. Kelley	CHECKED M. Hashimoto	SPECIFICATIONS	BY K. Meier	CHECKED K. Meier			Varies	GENERAL PLAN NO. 3					
	QUANTITIES	BY D. Acoba	CHECKED M. Hashimoto						Various						
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)							ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	CU 05 EA 0T9001	DISREGARD PRINTS BEARING EARLIER REVISION DATES REVISION DATES: 6-3-11, 6-15-11, 7-28-11, 8-25-11, 9-8-11					SHEET 3 OF 10

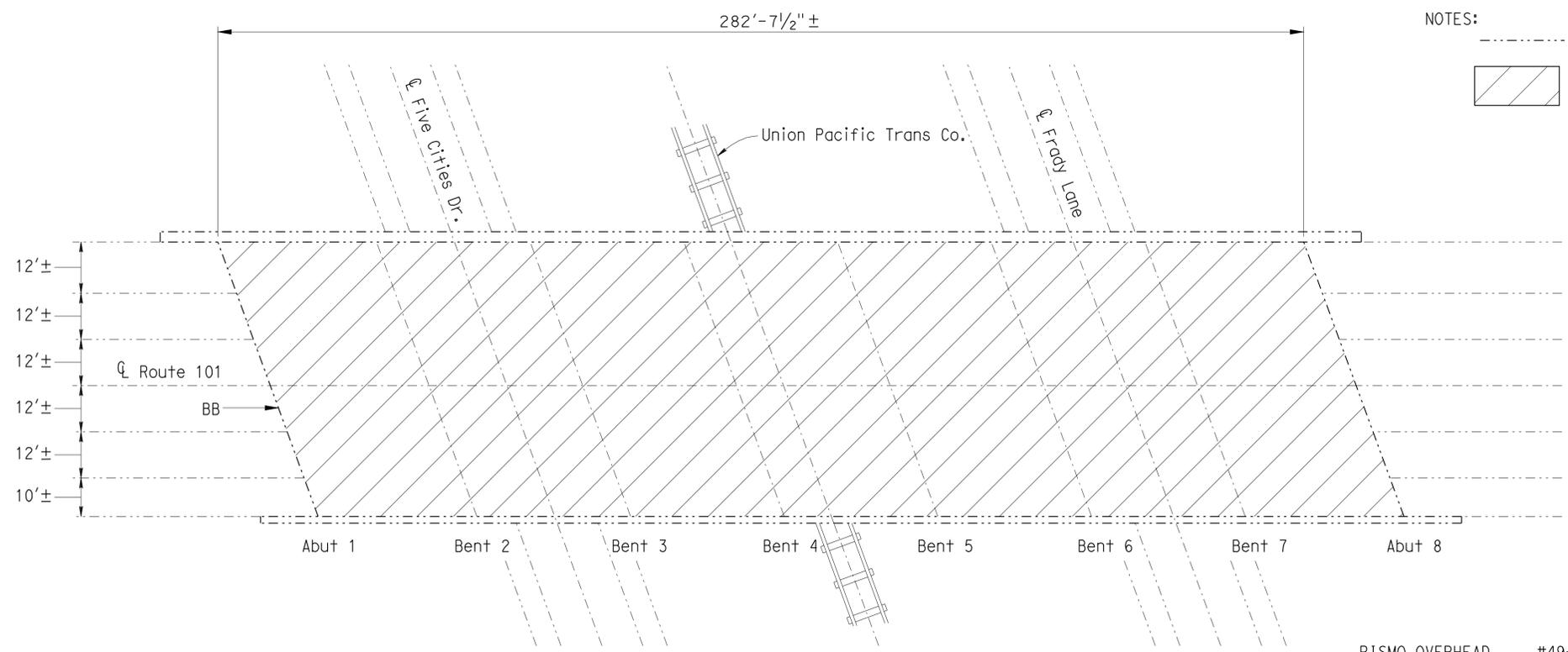
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SLO	1,46, 58, 101	Var	13	19

REGISTERED CIVIL ENGINEER DATE 8-22-11

PLANS APPROVAL DATE 12-5-11

REGISTERED PROFESSIONAL ENGINEER
DIOSDADO ACOPA
No. 52003
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 ELECTRONIC COPIES OF THIS PLAN SHEET.



NOTES:
 ----- Indicates existing.
 [Hatched Box] Indicates limits of clean and treat bridge deck with high molecular weight methacrylate.

To Pismo Beach
 →

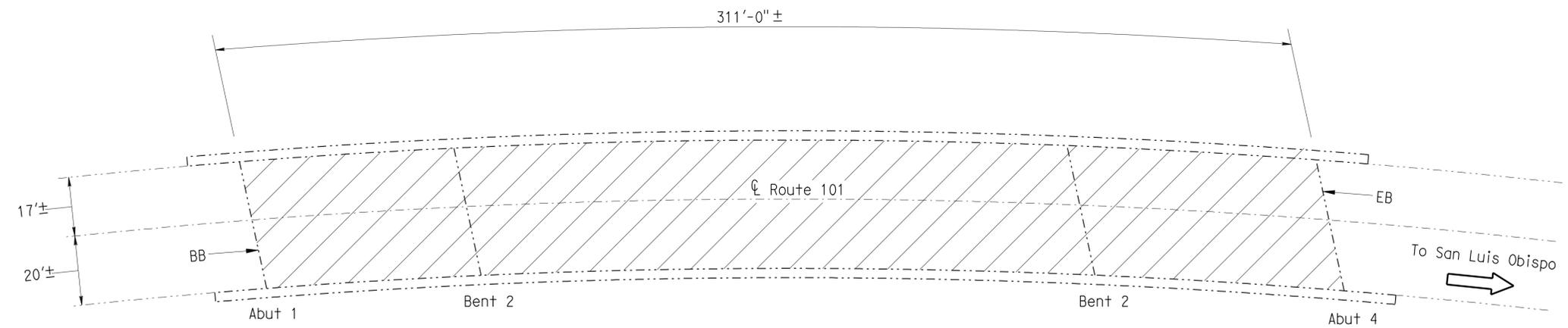
PISMO OVERHEAD

Br No. 49-0016R, SLO, Route 101, PM 16.17
 1"=20'

PISMO OVERHEAD #49-0016R

QUANTITIES

CLEAN BRIDGE DECK	13,570	SQFT
TREAT BRIDGE DECK	13,570	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	150	GAL



PISMO CREEK

Br No. 49-0015R, SLO, Route 101, PM 16.4
 1"=20'

PISMO CREEK #49-0015R

QUANTITIES

CLEAN BRIDGE DECK	11,510	SQFT
TREAT BRIDGE DECK	11,510	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	128	GAL

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

PROJECT NUMBER & PHASE 0500020093

 DESIGN ENGINEER 8-18-11	DESIGN	BY D. Acoba	CHECKED M. Hashimoto	LAYOUT	BY N. Kelley	CHECKED D. Acoba	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	Varies	ROUTE 1,46,58, & 101 BRIDGES GENERAL PLAN NO. 4
	DETAILS	BY N. Kelley	CHECKED M. Hashimoto	SPECIFICATIONS	BY K. Meier	CHECKED K. Meier			POST MILE	Various	
	QUANTITIES	BY D. Acoba	CHECKED M. Hashimoto								

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS: 0 1 2 3

CU 05 EA 0T9001

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES: 6-17-11, 7-26-11, 8-22-11, 9-8-11

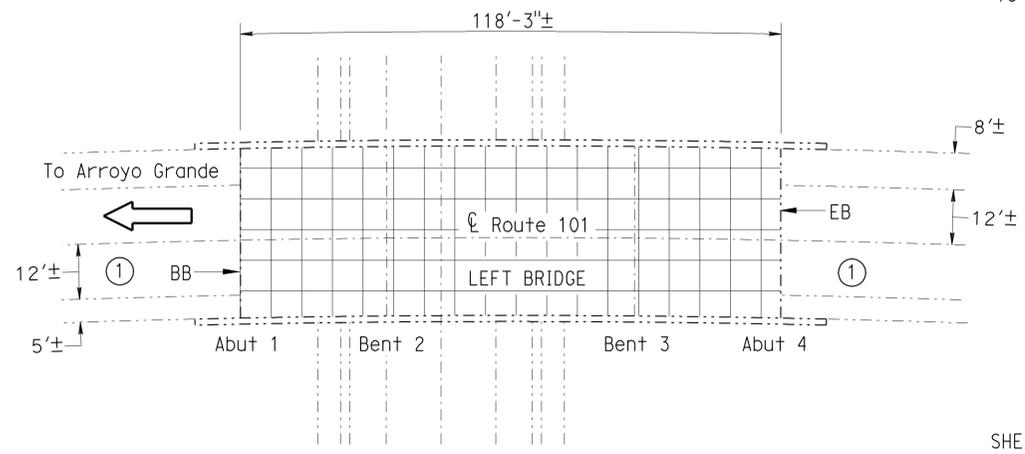
SHEET 4 OF 10

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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SLO	1,46,58,101	Var	14	19
REGISTERED CIVIL ENGINEER			DATE	8-22-11	
PLANS APPROVAL DATE			12-5-11		
REGISTERED PROFESSIONAL ENGINEER DIOSDADO ACOPA No. 52003 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 ELECTRONIC COPIES OF THIS PLAN SHEET.					

- NOTES:
- Indicates existing.
 - [Hatched Box] Indicates limits of prepare bridge deck surface, furnish and place new 3/4" min polyester concrete overlay.
 - [Solid Box] Indicates limits of remove existing 2"± AC overlay.
 - ① See "ROAD PLAN" for remove existing pavement to conform to bridge deck.



SHELL BEACH UC #49-0189L

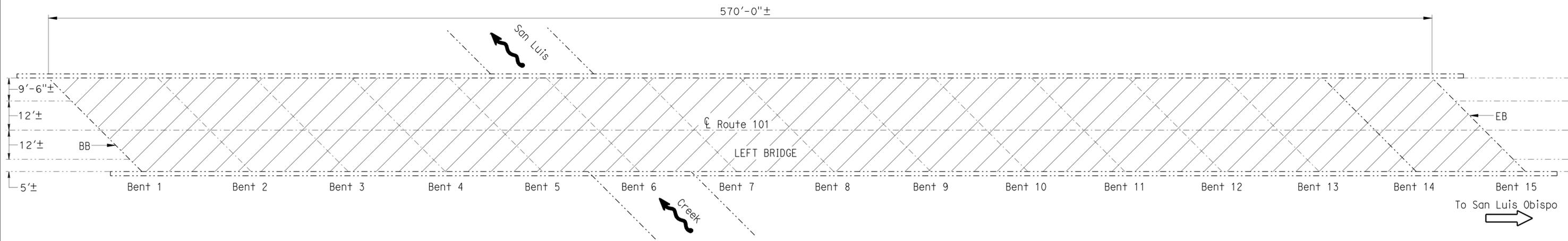


SHELL BEACH UC

Br No. 49-0189L, SLO, Route 101, PM R19.81
1"=20'

QUANTITIES

REMOVE ASPHALT CONCRETE SURFACING	4,380	SQFT
PREPARE CONCRETE BRIDGE DECK SURFACE	4,380	SQFT
FURNISH POLYESTER CONCRETE OVERLAY	330	CF
PLACE POLYESTER CONCRETE OVERLAY	4,380	SQFT



SAN LUIS OBISPO CREEK #49-0014L



SAN LUIS OBISPO CREEK

Br No. 49-0014L, SLO, Route 101, PM R21.49
1"=20'

QUANTITIES

CLEAN BRIDGE DECK	21,880	SQFT
TREAT BRIDGE DECK	21,880	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	245	GAL

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

PROJECT NUMBER & PHASE 0500020093

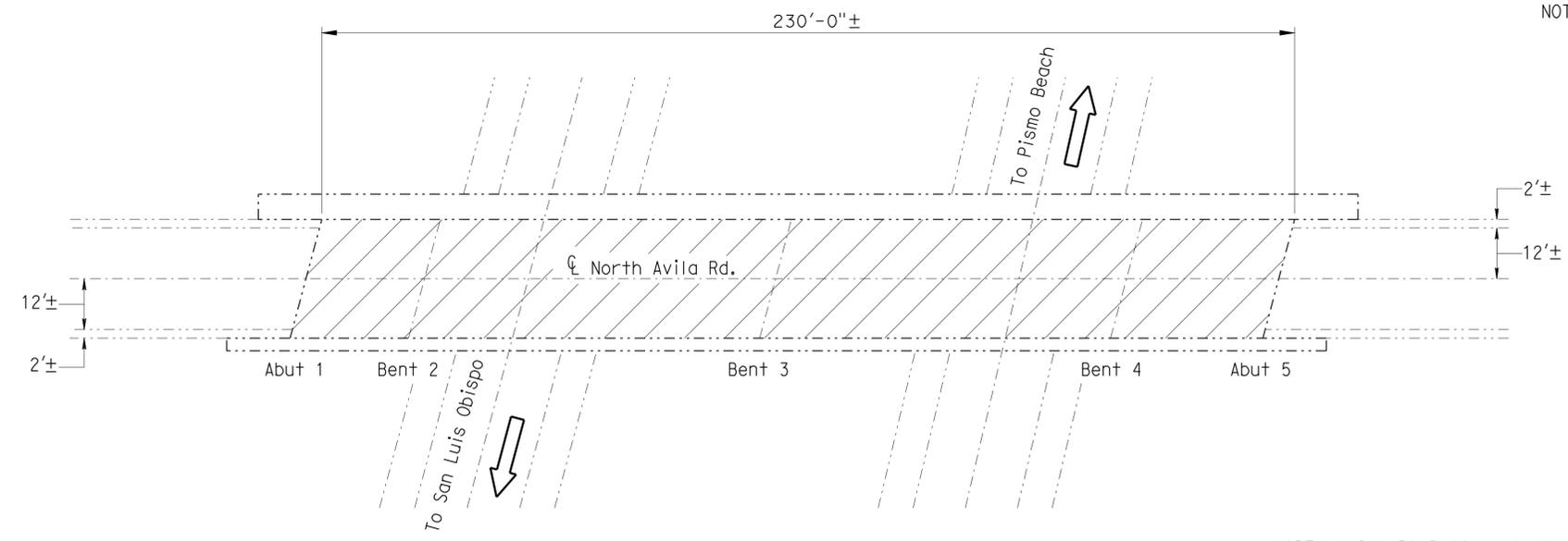
 DESIGN ENGINEER 8-18-11	DESIGN	BY D. Acoba	CHECKED M. Hashimoto	LAYOUT	BY N. Kelley	CHECKED D. Acoba	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	Varies		ROUTE 1,46,58, & 101 BRIDGES GENERAL PLAN NO. 5
	DETAILS	BY N. Kelley	CHECKED M. Hashimoto	SPECIFICATIONS	BY K. Meier	CHECKED K. Meier			POST MILE	Various		
	QUANTITIES	BY D. Acoba	CHECKED M. Hashimoto			REVISION DATES			6-18-11 6-21-11 7-26-11 8-28-11 9-8-11 10-5-11			
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)							ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	CU 05 EA 0T9001	DISREGARD PRINTS BEARING EARLIER REVISION DATES	SHEET 5 OF 10	

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SLO	1,46, 58, 101	Var	15	19

REGISTERED CIVIL ENGINEER	DATE
<i>[Signature]</i>	8-22-11
PLANS APPROVAL DATE	
12-5-11	

REGISTERED PROFESSIONAL ENGINEER	
DIOSDADO ACOBA	
No. 52003	
Exp. 12-31-12	
CIVIL	

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.



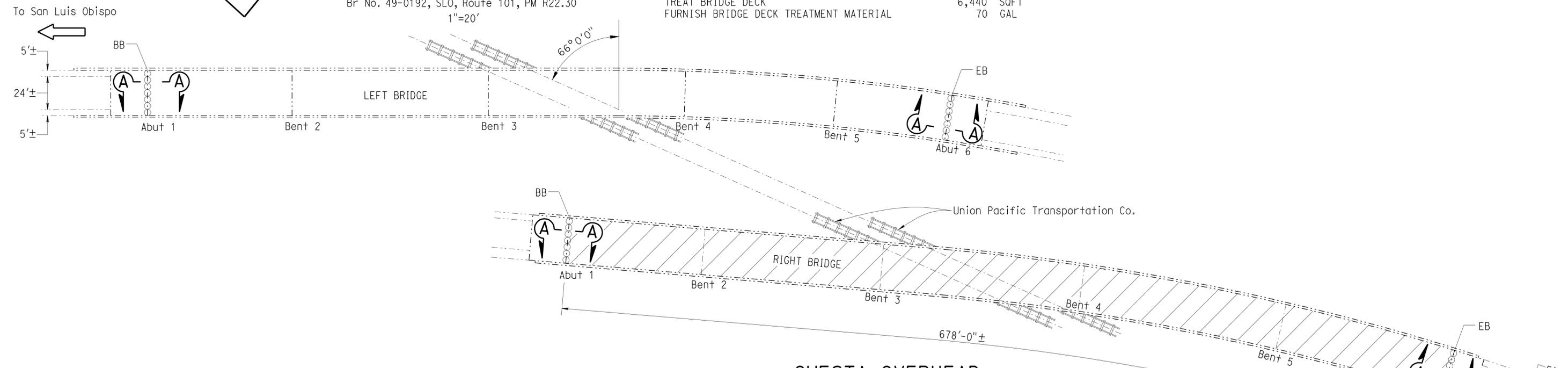
NOTES:

- Indicates existing.
- Indicates limits of clean and treat bridge deck with high molecular weight methacrylate.
- Indicates location of existing joint seal assembly removal and placement of new joint seal assembly.

For SECTION A-A, see JOINT SEAL DETAILS NO. 2 sheet.

NORTH AVILA ROAD OVERCROSSING
 NORTH AVILA ROAD OC #49-0192
 QUANTITIES
 Br No. 49-0192, SLO, Route 101, PM R22.30
 1"=20'

CLEAN BRIDGE DECK	6,440	SQFT
TREAT BRIDGE DECK	6,440	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	70	GAL



CUESTA OVERHEAD
 CUESTA OVERHEAD #49-0060 R/L
 QUANTITIES
 Br No. 49-0060L/R, SLO, Route 101, PM 35.6
 1"=40'

CLEAN BRIDGE DECK	25,100	SQFT
BRIDGE REMOVAL (PORTION)	LUMP	SUM
STRUCTURAL CONCRETE, BRIDGE	9	CY
JOINT SEAL ASSEMBLY (MR 3 1/2")	38	LF
JOINT SEAL ASSEMBLY (MR 4")	114	LF
BAR REINFORCING STEEL (BRIDGE)	50	LB
TREAT BRIDGE DECK	25,100	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	280	GAL

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

<i>[Signature]</i> DESIGN ENGINEER	DESIGN	BY D. Acoba	CHECKED M. Hashimoto	LAYOUT	BY N. Kelley	CHECKED D. Acoba	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	Varies	ROUTE 1,46,58, & 101 BRIDGES GENERAL PLAN NO. 6
	DETAILS	BY N. Kelley	CHECKED M. Hashimoto	SPECIFICATIONS	BY K. Meier	CHECKED K. Meier			POST MILE	Various	
	QUANTITIES	BY D. Acoba	CHECKED M. Hashimoto						REVISION DATES		

PROJECT NUMBER & PHASE 0500020093

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS: 0 1 2 3

CU 05 EA 0T9001

DISREGARD PRINTS BEARING EARLIER REVISION DATES

6-18-11	6-21-11	6-22-11	7-26-11	8-25-11	9-8-11
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SHEET 6 OF 10

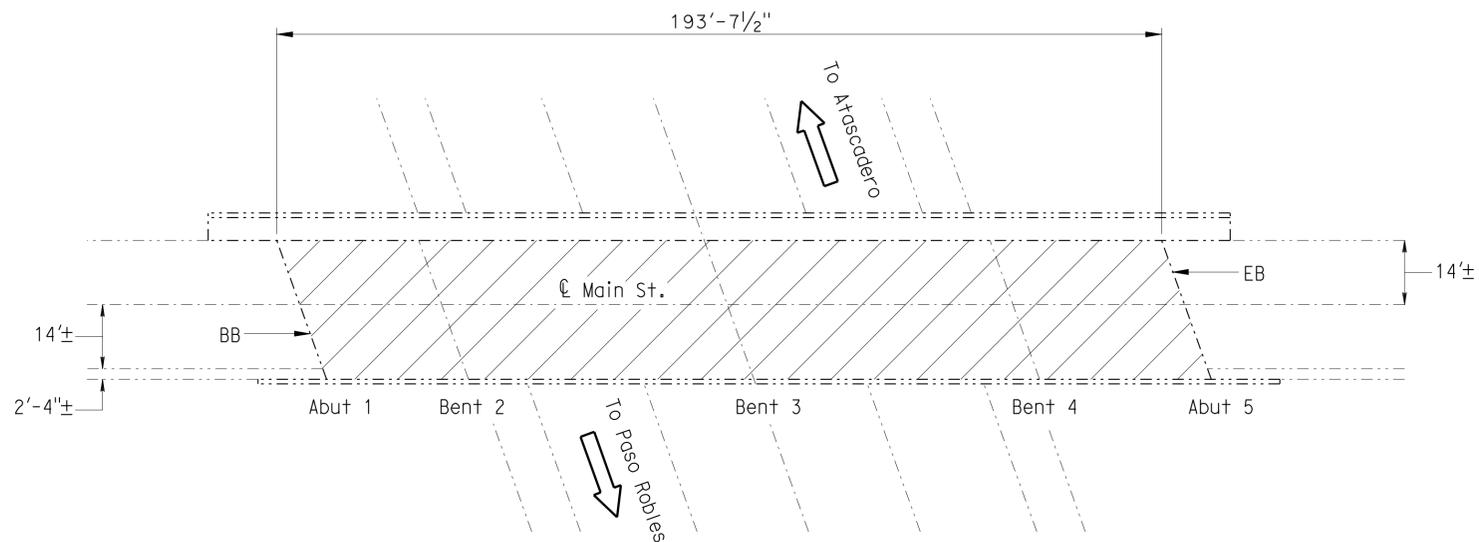
USERNAME => s123631 DATE PLOTTED => 09-DEC-2011 TIME PLOTTED => 12:26

NOTES:

----- Indicates existing.

 Indicates limits of clean and treat bridge deck with high molecular weight methacrylate.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SLO	1,46,58,101	Var	16	19
REGISTERED CIVIL ENGINEER			DATE		
12-5-11			8-22-11		
					
<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>					



MAIN STREET OVERCROSSING

Br No. 49-0200, SLO, Route 101, PM 52.44
1"=20'

MAIN STREET OC #49-0200

QUANTITIES

CLEAN BRIDGE DECK	5,870	SQFT
TREAT BRIDGE DECK	5,870	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	65	GAL

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

PROJECT NUMBER & PHASE 0500020093

 DESIGN ENGINEER 8-18-11	DESIGN	BY D. Acoba	CHECKED M. Hashimoto	LAYOUT	BY N. Kelley	CHECKED D. Acoba	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN BRIDGE NO. Varies POST MILE Varies	ROUTE 1,46,58, & 101 BRIDGES GENERAL PLAN NO. 7		
	DETAILS	BY N. Kelley	CHECKED M. Hashimoto	SPECIFICATIONS	BY K. Meier	PLANS AND SPECIFICATIONS COMPARED K. Meier				
	QUANTITIES	BY D. Acoba	CHECKED M. Hashimoto							
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)							ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	CU 05 EA 0T9001	DISREGARD PRINTS BEARING EARLIER REVISION DATES REVISION DATES: 6-22-11, 7-26-11, 8-25-11, 9-8-11	SHEET 7 OF 10

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SLO	1,46,58,101	Var	17	19
REGISTERED CIVIL ENGINEER			DATE	8-22-11	
PLANS APPROVAL DATE			12-5-11		
<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>					

NOTES:
 ----- Indicates existing.

The following notes apply to JOINT SEAL TYPE B:

- 1) Seal must satisfy both minimum Movement Rating (MR) and minimum W1 requirements.
- 2) 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.
- 3) W1 shall be the smaller of the values determined as follows:
 - A) 0.85 times the manufacturer's designed minimum uncompressed width of the seal.
 - B) 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.
- 4) 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.



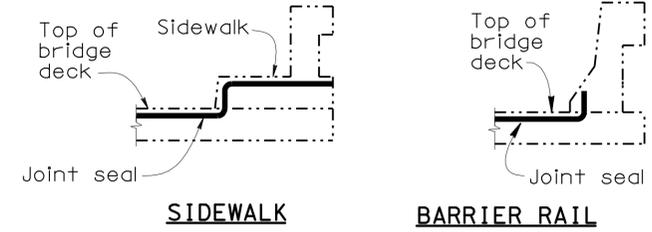
5) For details not shown, see

The following notes apply to JOINT SEAL TYPE A:

- 1) Install Type A joint seal 3" up into rail on the low side of deck where joint matches curb or rail joint.

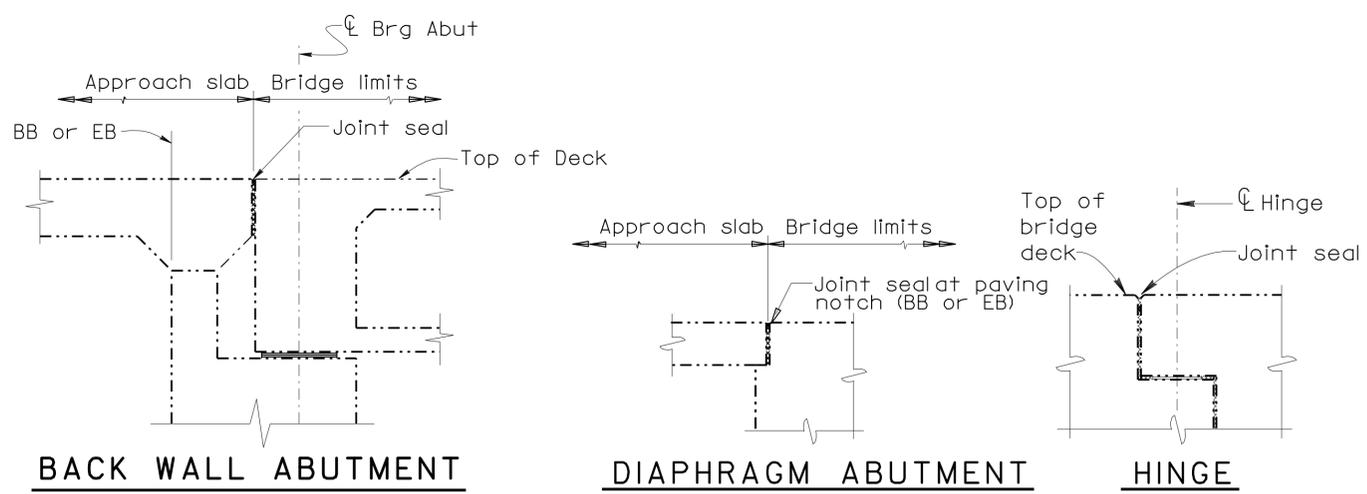


2) For details not shown, see



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.



JOINT SEAL TABLE

BRIDGE NUMBER	BRIDGE NAME	LOCATION	MINIMUM "MR" (in)	APPROXIMATE LENGTH (ft)	EXISTING WATERSTOP	APPROX DEPTH TO CLEAN EXP JOINT (in)
49-0029	CHOLAME CREEK	Abut 1	BB	1/2	26.8	No
		Hinge		1	57.9	No
		Abut 6	EB	1/2	28.5	No
49-0060L	CUESTA OVERHEAD	Abut 1	BB	3 1/2	38.0	Yes
		Abut 6	EB	4	38.0	Yes
49-0060R	CUESTA OVERHEAD	Abut 1	BB	4	38.0	Yes
		Abut 6	EB	4	38.0	Yes

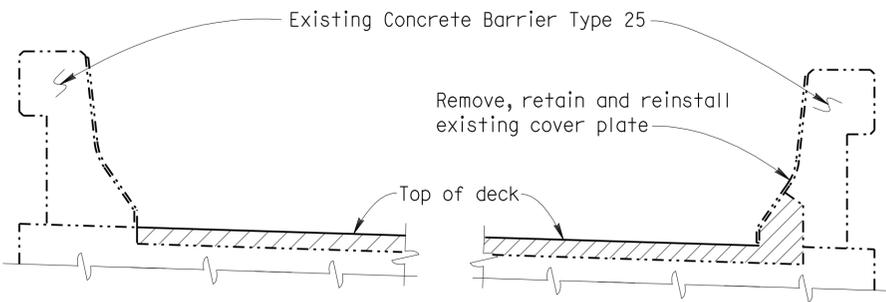
LEGEND:
 BB - Paving Notch at beginning of bridge
 EB - Paving Notch at end of bridge

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

DESIGN BY M. Hashimoto CHECKED D. Acoba DETAILS BY N. Kelley CHECKED D. Acoba QUANTITIES BY M. Hashimoto CHECKED D. Acoba	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTE 1,46,58, & 101 BRIDGES JOINT SEAL DETAILS NO. 1
			Varies	
PROJECT NUMBER & PHASE 0500020093			POST MILE	Various
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)			CU 05 EA 0T9001	DISREGARD PRINTS BEARING EARLIER REVISION DATES REVISION DATES: 6-17-11, 6-27-11, 7-26-11, 7-27-11, 8-25-11, 9-8-11
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS: 0 1 2 3			SHEET 8	OF 10

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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SLO	1,46, 58, 101	Var	18	19
REGISTERED CIVIL ENGINEER			DATE	8-22-11	
PLANS APPROVAL DATE			12-5-11		
REGISTERED PROFESSIONAL ENGINEER DIOSDADO ACOPA No. 52003 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 ELECTRONIC COPIES OF THIS PLAN SHEET.					



HIGH SIDE OF DECK LOW SIDE OF DECK

JOINT SEAL ASSEMBLY AT BARRIER RAILS

BR NO. 49-0060L/R
NO SCALE

TEMPORARY DECKING DESIGN LOADING

MOMENT DEMAND/FOOT (kip-ft/ft)	ANCHOR BOLT SHEAR/FOOT (kip/ft)	ANCHOR BOLT TENSION (kip)
8.6	3.9	4.3

Plate deflection shall not exceed $s/300$ (s = span of plate).
Maximum anchor bolt spacing = 0'-9".

NOTES: (APPLY TO THIS SHEET ONLY)

Indicates limits of remove existing concrete and joint seal assembly. Retain existing reinforcing steel and place new joint seal assembly and concrete.

"b" Reconstructed gap width as determined by the Engineer.

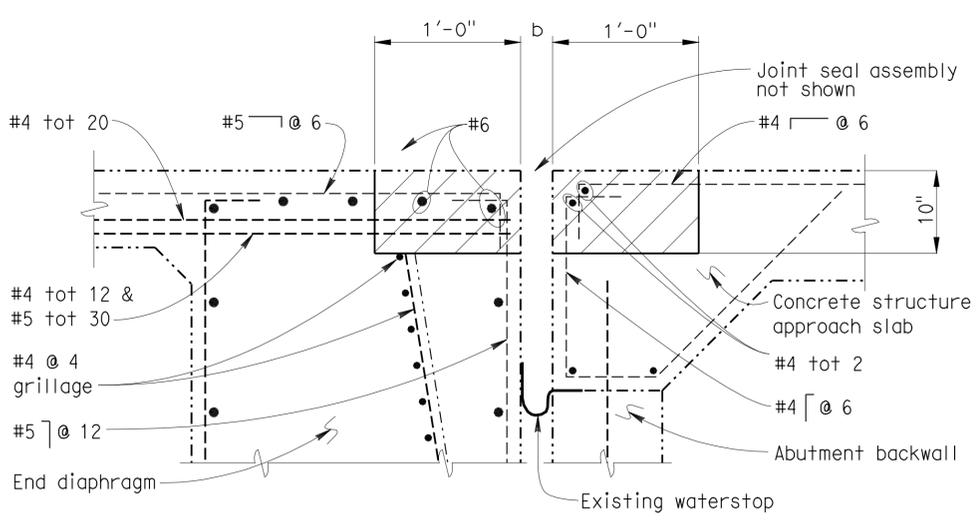
GENERAL NOTES LOAD FACTOR DESIGN

DESIGN: BRIDGE DESIGN SPECIFICATIONS (1983 AASHTO with Interims and Revisions by CALTRANS)

DEAD LOAD: Includes 35 psf for future wearing surface.

LIVE LOADING: HS20-44 and alternative.

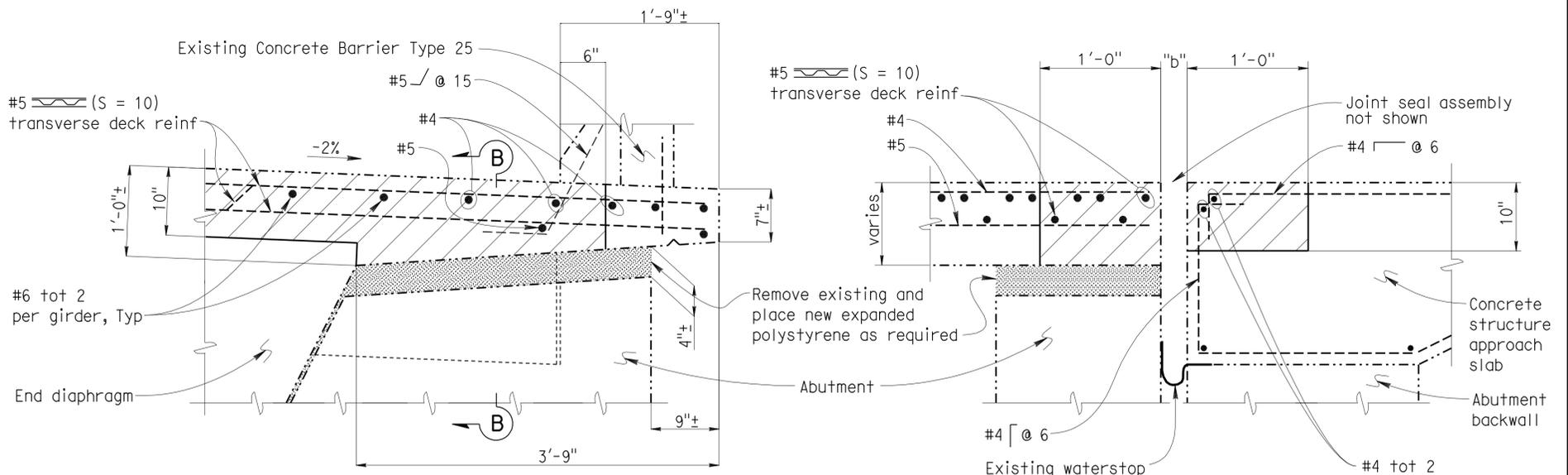
REINFORCED CONCRETE: $f_y = 60,000$ psi
 $f'_c = 3,250$ psi
 $n = 9$
Transverse Deck Slabs (Working Stress Design)
 $f_s = 20,000$ psi
 $f_c = 1,200$ psi



SECTION A-A

BR NO. 49-0060L/R
NO SCALE

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



TYPICAL DECK OVERHANG DETAIL

BR NO. 49-0060L/R
NO SCALE

SECTION B-B

BR NO. 49-0060L/R
NO SCALE

PROJECT NUMBER & PHASE 0500020093

DESIGN	BY M. Hashimoto	CHECKED D. Acoba
DETAILS	BY N. Kelley	CHECKED D. Acoba
QUANTITIES	BY M. Hashimoto	CHECKED D. Acoba

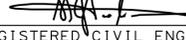
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

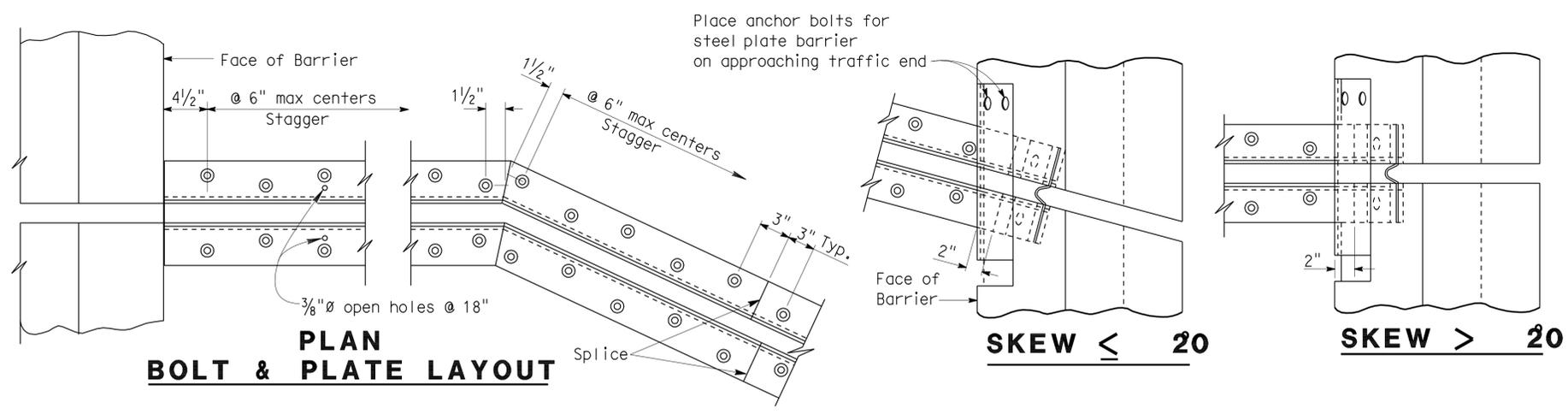
DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO.	Varies
POST MILE	Varies

ROUTE 1,46,58, & 101 BRIDGES
JOINT SEAL DETAILS NO. 2

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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SLO	1,46, 58, 101	Var	19	19
 REGISTERED CIVIL ENGINEER			8-22-11	DATE	
12-5-11 PLANS APPROVAL DATE					
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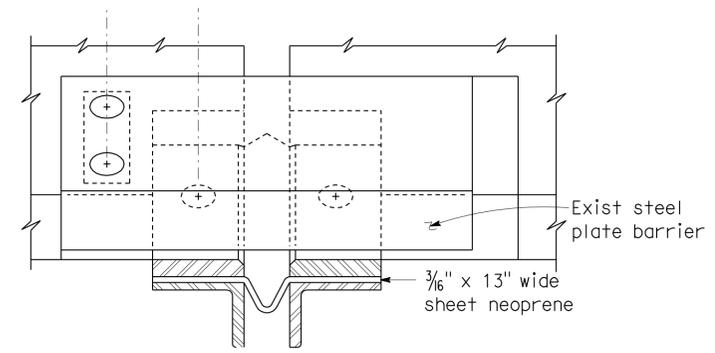
NOTES: (Notes apply to this sheet only)

Full penetration butt welds may be substituted for fillet welds on all anchor studs.

Alternate types of anchor studs may be permitted subject to approval by the Engineer.

Joint seal assembly to be used in conjunction with concrete placement. (See other sheets for limits).

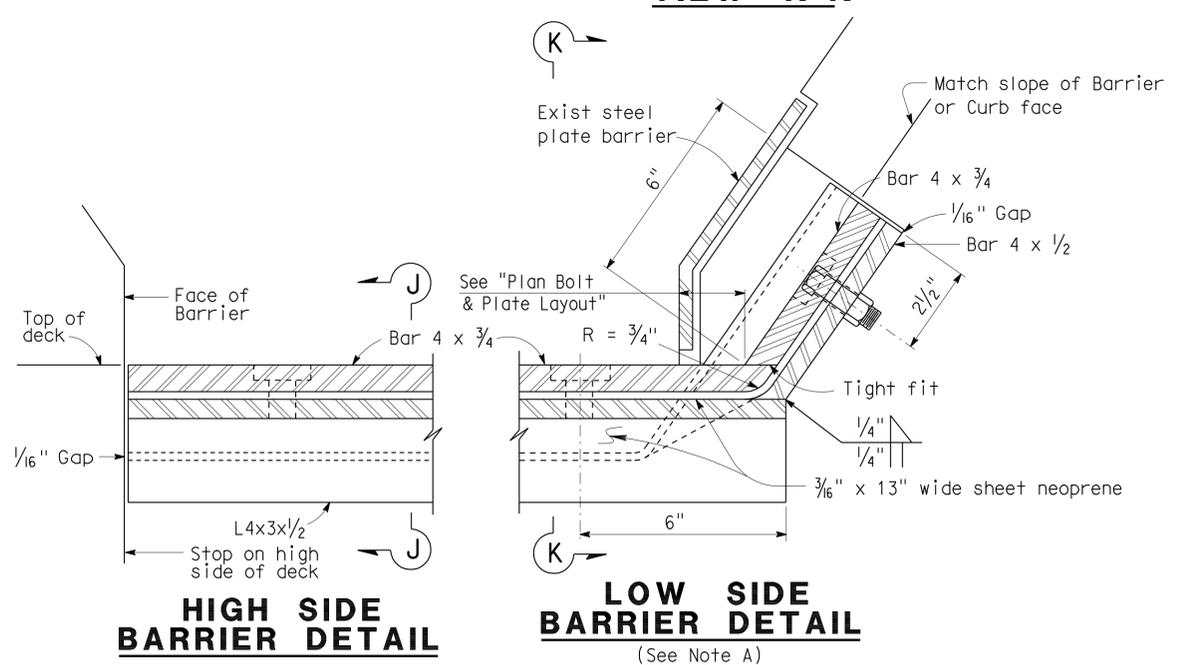
Use joint at crown of roadway, at any change in transverse slope in deck and at changes in horizontal direction. Place other joints at or near lane lines or lane centerlines. All metal parts to be painted or galvanized after fabrication.



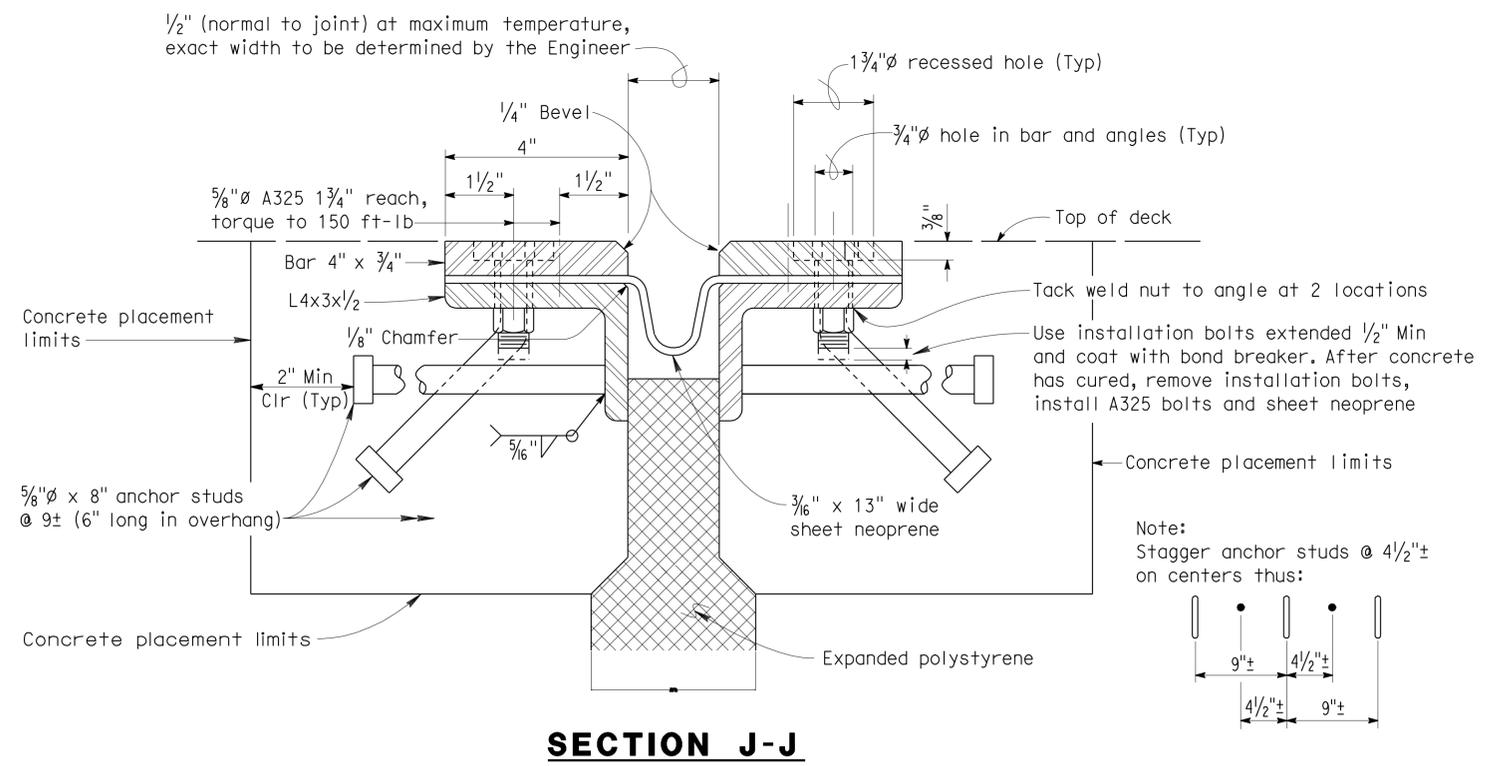
Bend 5/8" diameter anchor studs when required for placement.

NOTE A

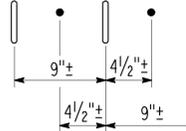
Use the Low Side Barrier Detail at both sides if the roadway is crowned or if the difference in elevation between the ends of the seal is 6" or less.



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Note:
Stagger anchor studs @ 4 1/2" ± on centers thus:



NO SCALE

PROJECT NUMBER & PHASE 0500020093

DESIGN	BY M. Hashimoto	CHECKED D. Acoba
DETAILS	BY N. Kelley	CHECKED D. Acoba
QUANTITIES	BY M. Hashimoto	CHECKED D. Acoba

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO.	Varies
POST MILE	Varies

ROUTE 1,46,58, & 101 BRIDGES
JOINT SEAL ASSEMBLY
(MAXIMUM MOVEMENT RATING = 4")

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