

INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
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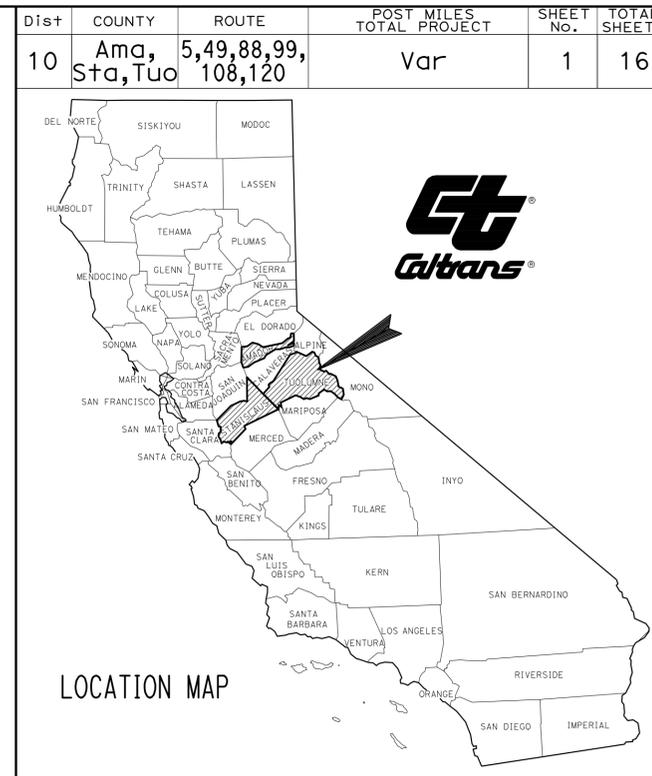
STRUCTURE PLANS

8-16 ROUTES 5, 49, 88, 99, 108 & 120 BRIDGES **IN AMADOR, STANISLAUS, AND TUOLUMNE COUNTIES**

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

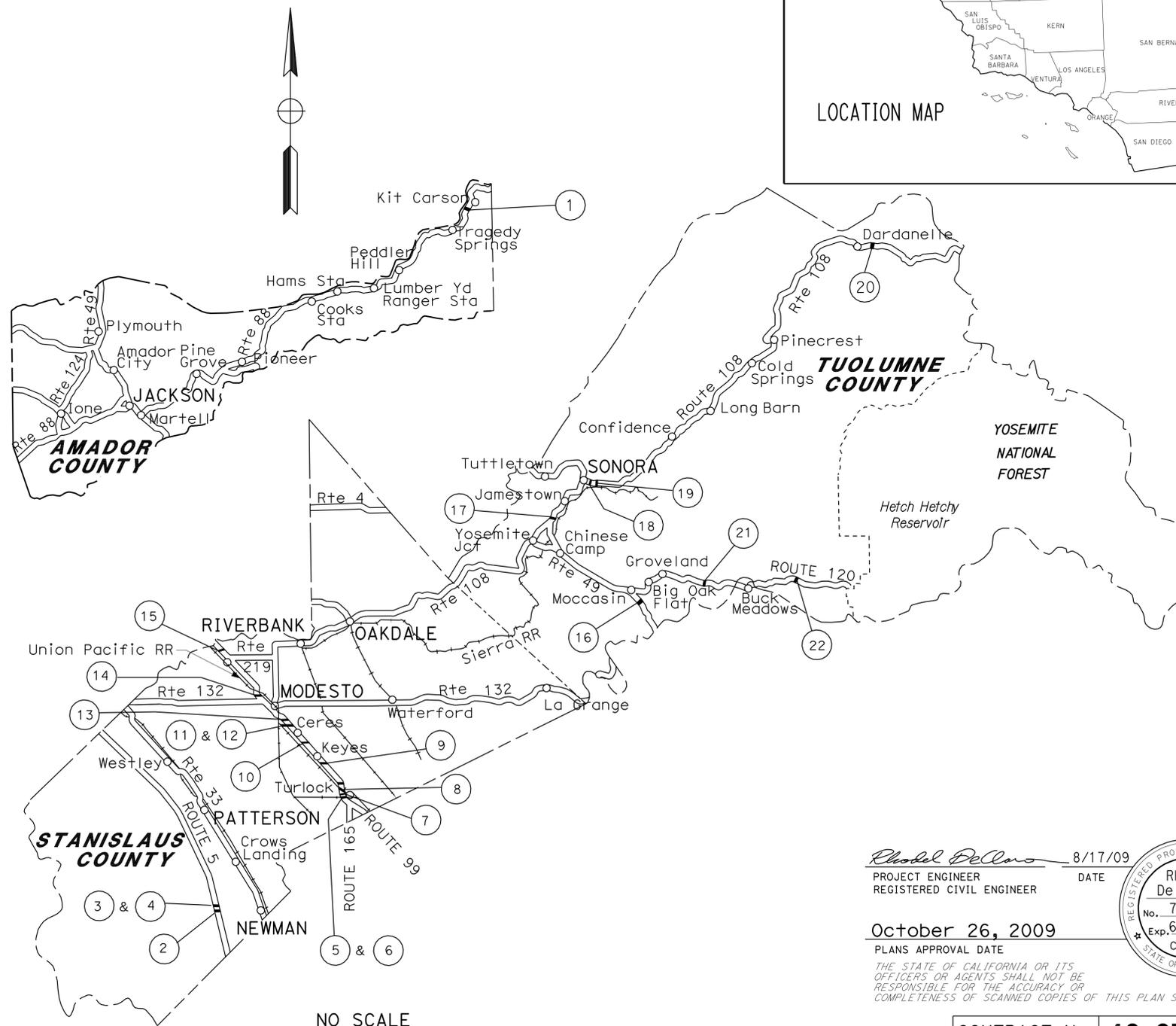
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
AT
VARIOUS LOCATIONS

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



LOCATIONS OF CONSTRUCTION

Loc	COUNTY	ROUTE	PM	STRUCTURE NAME	BRIDGE No.
①	Ama	88	R66.37	SILVER LAKE SPILLWAY	26-0049
②	Sta	5	5.02	ORESTIMBA ROAD UNDERCROSSING	38-0105L
③	Sta	5	6.47	CALIFORNIA AQUEDUCT	38-0108L
④	Sta	5	6.47	CALIFORNIA AQUEDUCT	38-0108R
⑤	Sta	99	R3.18	WEST TURLOCK OVERHEAD (UNION PACIFIC RAILROAD)	38-0128L
⑥	Sta	99	R3.18	WEST TURLOCK OVERHEAD (UNION PACIFIC RAILROAD)	38-0128R
⑦	Sta	99	R4.54	FULKERTH ROAD UNDERCROSSING	38-0142R
⑧	Sta	99	R6.41	NORTH TURLOCK OVERHEAD (UNION PACIFIC RAILROAD)	38-0144R
⑨	Sta	99	R7.81	KEYES ROAD OVERCROSSING	38-0139
⑩	Sta	99	R10.03	CERES MAIN CANAL	38-0007
⑪	Sta	99	R13.26	HATCH ROAD OVERCROSSING (UNION PACIFIC RAILROAD)	38-0081Y
⑫	Sta	99	R13.26	HATCH ROAD OVERCROSSING	38-0081
⑬	Sta	99	R13.90	SOUTH MODESTO UNDERCROSSING	38-0082R
⑭	Sta	99	R16.82	KANSAS AVE OVERCROSSING	38-0086
⑮	Sta	99	R24.30	HAMMETT ROAD OVERHEAD (UNION PACIFIC RAILROAD)	38-0158Y
⑯	Tuo	49	4.47	MOCCASIN CREEK	32-0032
⑰	Tuo	49	13.52	WOODS CREEK	32-0004
⑱	Tuo	108	R1.57	OLD WARDS FERRY ROAD OVERCROSSING	32-0063
⑲	Tuo	108	R2.02	SANGUINETTI ROAD OVERHEAD (SIERRA RAILROAD)	32-0062
⑳	Tuo	108	53.26	MIDDLE FORK STANISLAUS RIVER	32-0065
㉑	Tuo	120	R37.78	BIG CREEK	32-0058
㉒	Tuo	120	46.82	SOUTH FORK TUOLUMNE RIVER	32-0035

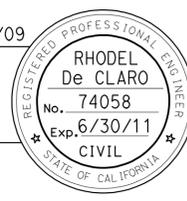


NO SCALE

PROJECT MANAGER
TONY SINGH

DESIGN ENGINEER
ALVIN MANGINDIN

Rhodel De Claro 8/17/09
 PROJECT ENGINEER REGISTERED CIVIL ENGINEER DATE



October 26, 2009
 PLANS APPROVAL DATE

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CONTRACT No. **10-OT4404**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Ama, Sta, Tuo	5,49,88, 99,108,120	Var	2	16

Rhodel De Claro 8/17/09
REGISTERED CIVIL ENGINEER DATE

10-26-09
PLANS APPROVAL DATE

RHODEL De CLARO
No. 74058
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.

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

LOCATION No.	COUNTY	ROUTE	PM	BRIDGE NAME	BRIDGE No.	SIGN CODE	PANEL SIZE	No. OF SIGNS	No. OF POSTS AND SIZE	SIGN MESSAGE
①	Ama	88	R66.37	SILVER LAKE SPILLWAY	26-0049	W20-1	36" x 36"	2	1 - 4" x 6"	ROAD WORK AHEAD
						G20-2	36" x 18"	2	1 - 4" x 4"	END ROAD WORK
②	Sta	5	5.02	ORESTIMBA ROAD UNDERCROSSING	38-0105L	W20-1	48" x 48"	1	1 - 6" x 6"	ROAD WORK AHEAD
						G20-2	48" x 24"	1	1 - 4" x 6"	END ROAD WORK
⑤	Sta	99	R3.18	WEST TURLOCK OVERHEAD	38-0128L	W20-1	48" x 48"	2	1 - 6" x 6"	ROAD WORK AHEAD
						G20-2	48" x 24"	2	1 - 4" x 6"	END ROAD WORK
⑥	Sta	99	R3.18	WEST TURLOCK OVERHEAD	38-0128R	W20-1	48" x 48"	2	1 - 6" x 6"	ROAD WORK AHEAD
						G20-2	48" x 24"	2	1 - 4" x 6"	END ROAD WORK
⑨	Sta	99	R7.81	KEYES ROAD OVERCROSSING	38-0139	W20-1	36" x 36"	2	1 - 4" x 6"	ROAD WORK AHEAD
						G20-2	36" x 18"	2	1 - 4" x 4"	END ROAD WORK
⑩	Sta	99	R10.03	CERES MAIN CANAL	38-0007	W20-1	36" x 36"	2	1 - 4" x 6"	ROAD WORK AHEAD
						G20-2	36" x 18"	2	1 - 4" x 4"	END ROAD WORK
⑪	Sta	99	R13.26	HATCH ROAD OVERCROSSING	38-0081Y	W20-1	36" x 36"	2	1 - 4" x 6"	ROAD WORK AHEAD
						G20-2	36" x 18"	1	1 - 4" x 4"	END ROAD WORK
⑫	Sta	99	R13.26	HATCH ROAD OVERCROSSING	38-0081	W20-1	36" x 36"	2	1 - 4" x 6"	ROAD WORK AHEAD
						G20-2	36" x 18"	1	1 - 4" x 4"	END ROAD WORK
⑭	Sta	99	R16.82	KANSAS AVE OVERCROSSING	38-0086	W20-1	36" x 36"	2	1 - 4" x 6"	ROAD WORK AHEAD
						G20-2	36" x 18"	2	1 - 4" x 4"	END ROAD WORK
⑮	Sta	99	R24.30	HAMMETT ROAD OVERHEAD	38-0158Y	W20-1	36" x 36"	2	1 - 4" x 6"	ROAD WORK AHEAD
						G20-2	36" x 18"	2	1 - 4" x 4"	END ROAD WORK
⑯	Tuo	49	4.47	MOCCASIN CREEK	32-0032	W20-1	36" x 36"	2	1 - 4" x 6"	ROAD WORK AHEAD
						G20-2	36" x 18"	2	1 - 4" x 4"	END ROAD WORK
⑰	Tuo	49	13.52	WOODS CREEK	32-0004	W20-1	36" x 36"	2	1 - 4" x 6"	ROAD WORK AHEAD
						G20-2	36" x 18"	2	1 - 4" x 4"	END ROAD WORK
⑲	Tuo	108	R2.02	SANGUINETTI ROAD OVERHEAD	32-0062	W20-1	36" x 36"	1	1 - 4" x 6"	ROAD WORK AHEAD
						G20-2	36" x 18"	1	1 - 4" x 4"	END ROAD WORK
⑳	Tuo	108	53.26	MIDDLE FORK STANISLAUS RIVER	32-0065	W20-1	36" x 36"	2	1 - 4" x 6"	ROAD WORK AHEAD
						G20-2	36" x 18"	2	1 - 4" x 4"	END ROAD WORK
㉒	Tuo	120	46.82	SOUTH FORK TUOLUMNE RIVER	32-0035	W20-1	36" x 36"	3	1 - 4" x 6"	ROAD WORK AHEAD
						G20-2	36" x 18"	2	1 - 4" x 4"	END ROAD WORK

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

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE
 FUNCTIONAL SUPERVISOR ALVIN MANGINDIN
 CALCULATED-DESIGNED BY
 CHECKED BY
 JHOANNA OAMILDA
 RHODEL DE CLARO
 REVISED BY
 DATE REVISED
 JO
 03-24-09

**CONSTRUCTION AREA SIGNS
CS-1**

LAST REVISION | DATE PLOTTED => 02-NOV-2009
 00-00-00 | TIME PLOTTED => 05:35

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	Ama, Sta, Tuo	5,49,88,99, 180,120	Var	4	16

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

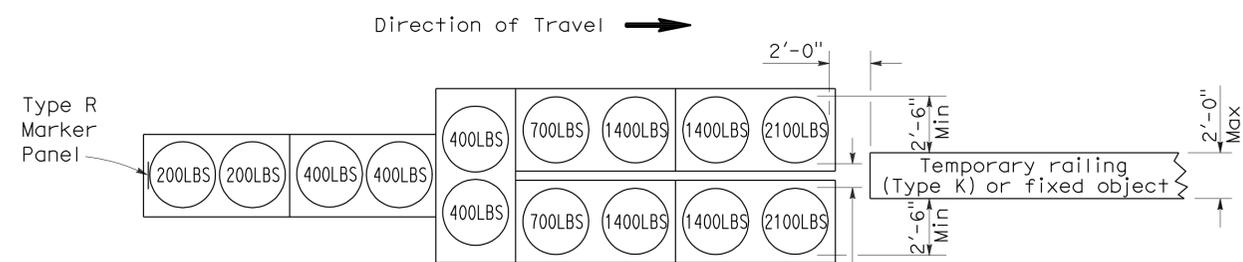
June 6, 2008
PLANS APPROVAL DATE

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

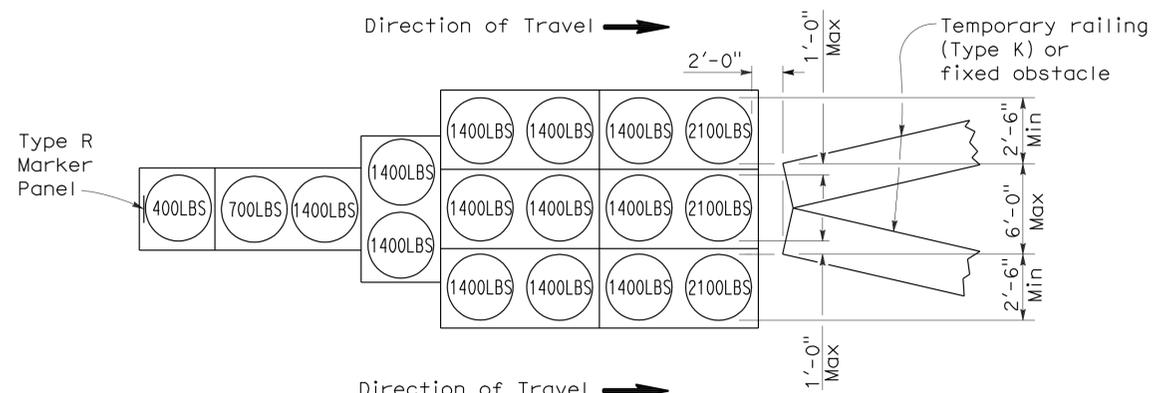
To accompany plans dated 10-26-09

2006 REVISED STANDARD PLAN RSP T1A



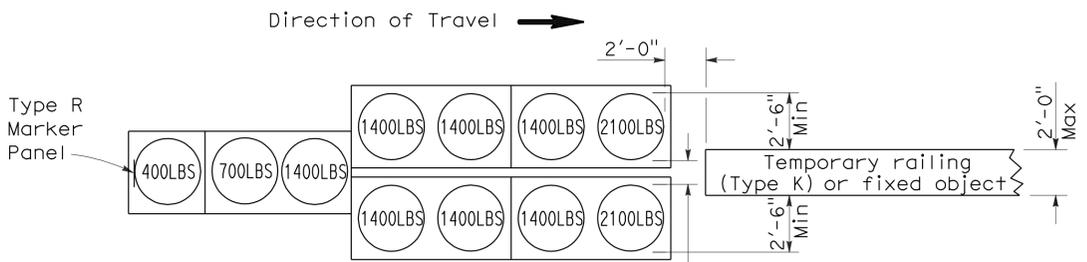
ARRAY 'TU14'

Approach speed 45 mph or more



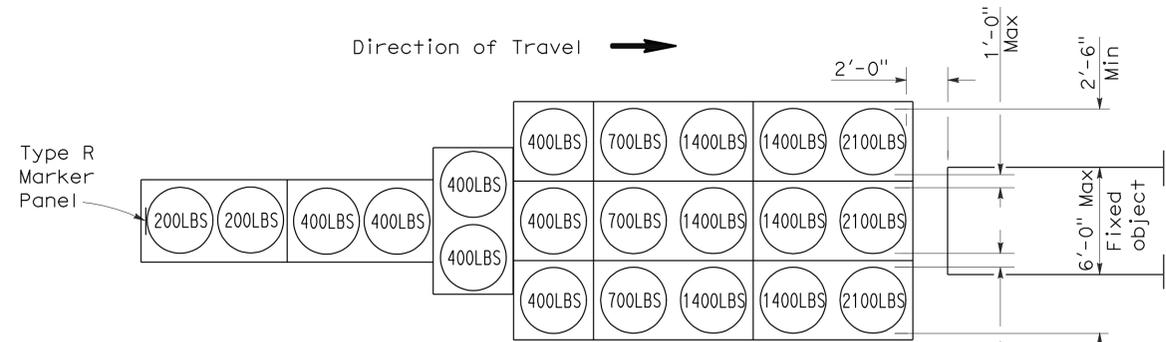
ARRAY 'TU17'

Approach speed less than 45 mph



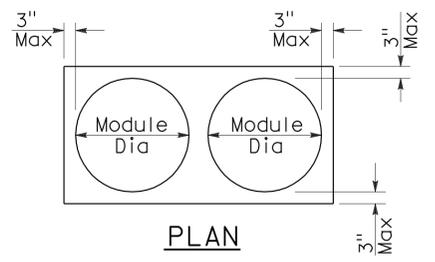
ARRAY 'TU11'

Approach speed less than 45 mph

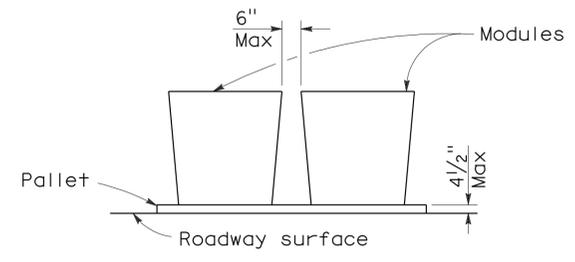


ARRAY 'TU21'

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

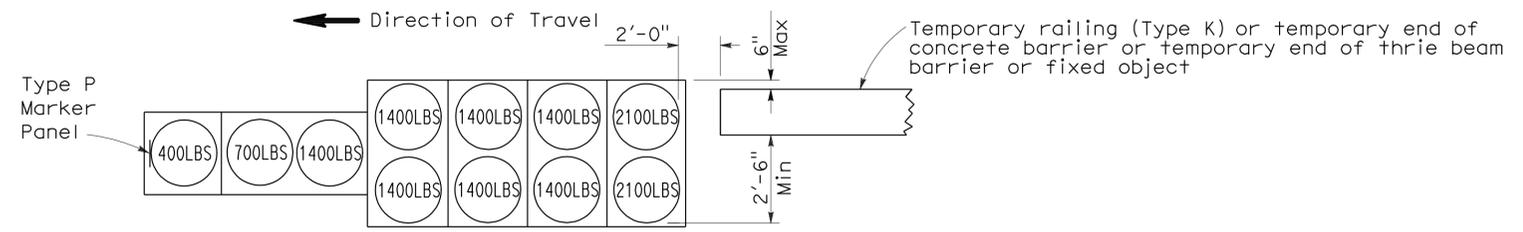
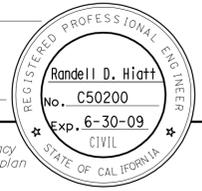
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	Ama, Sta, Tuo	5,49,88,99, 180,120	Var	5	16

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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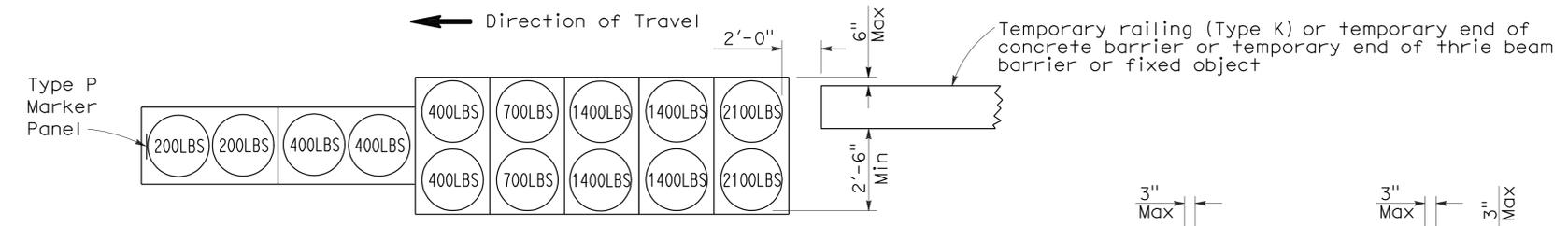
To accompany plans dated 10-26-09



Direction of Travel →

ARRAY 'TB11'

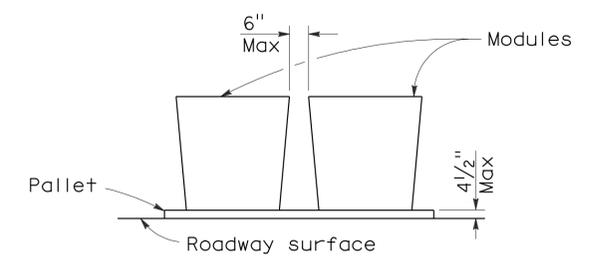
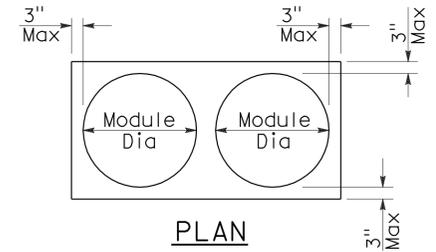
Approach speed less than 45 mph



Direction of Travel →

ARRAY 'TB14'

Approach speed 45 mph or more



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

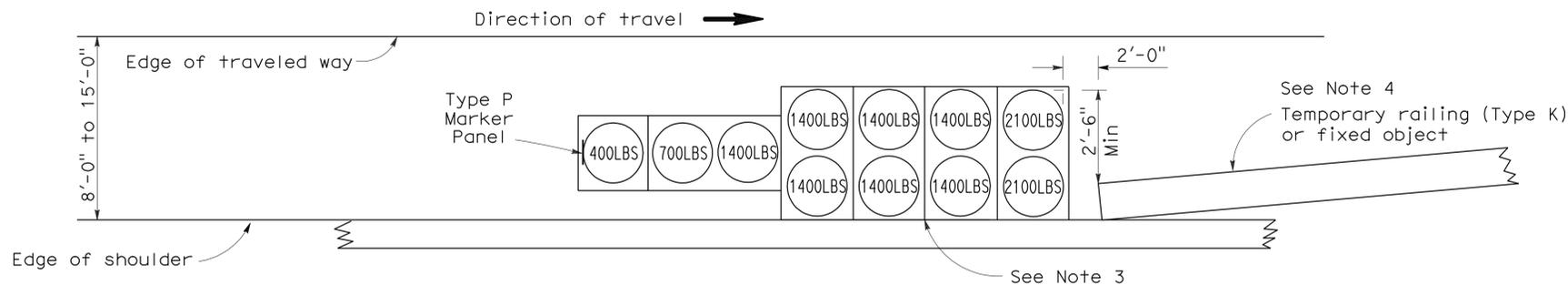
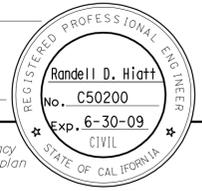
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	Ama, Sta, Tuo	5,49,88,99, 180,120	Var	6	16

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

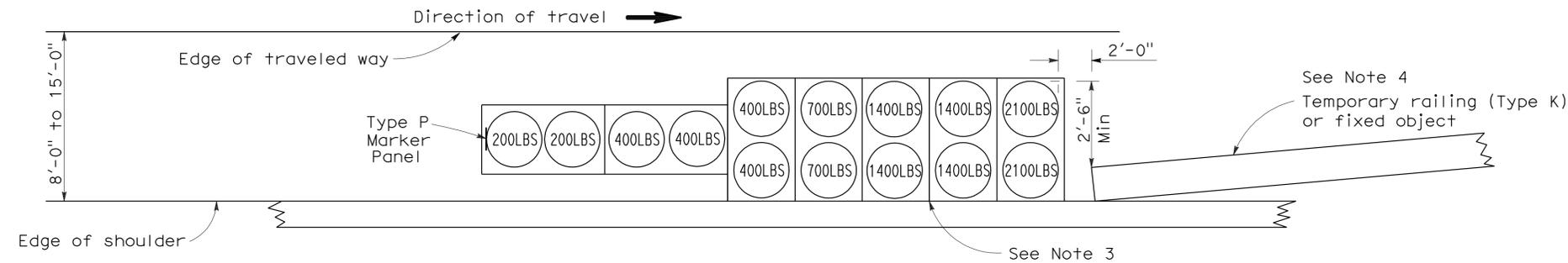
June 6, 2008
PLANS APPROVAL DATE

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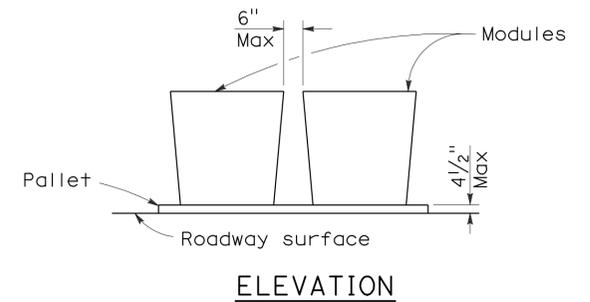
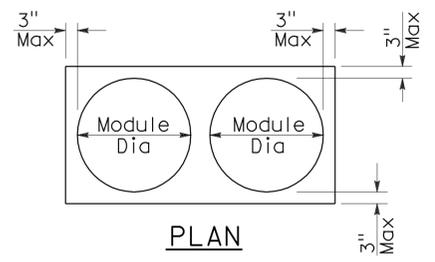
To accompany plans dated 10-26-09



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



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



CRASH CUSHION PALLET DETAIL
See Note 11

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.

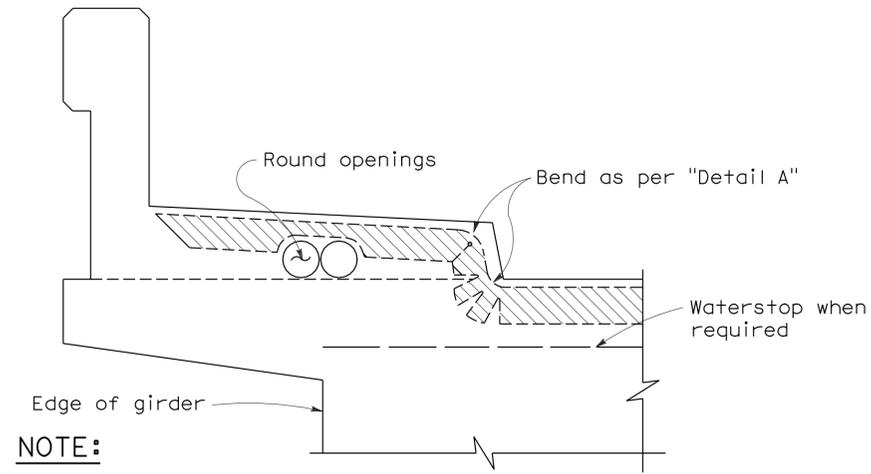
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**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.

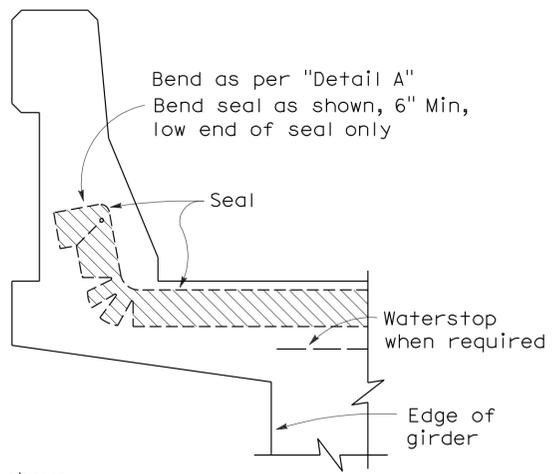
REVISED STANDARD PLAN RSP T2

2006 REVISED STANDARD PLAN RSP T2

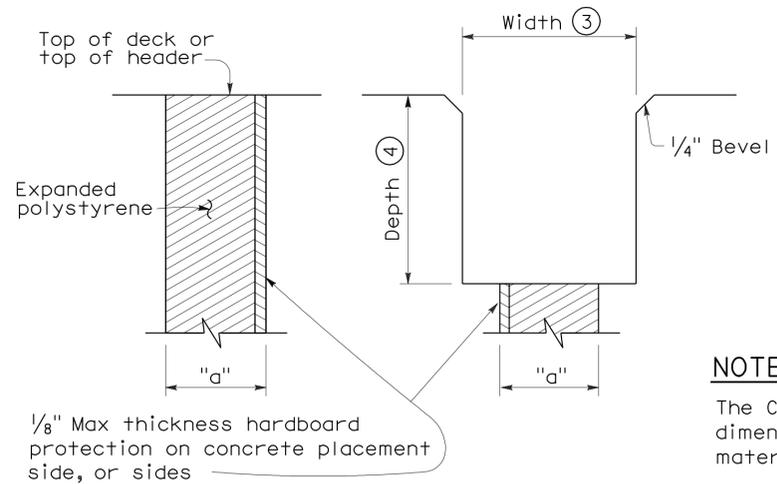


NOTE:
 Type "B" seal shown. Type "A" seals to conform to the general path of seal shown, cuts for bending not required. Bend Type "A" seals 3" up into curb or barrier rail on only the low end of the seal.

CONCRETE BARRIER AND SIDEWALK



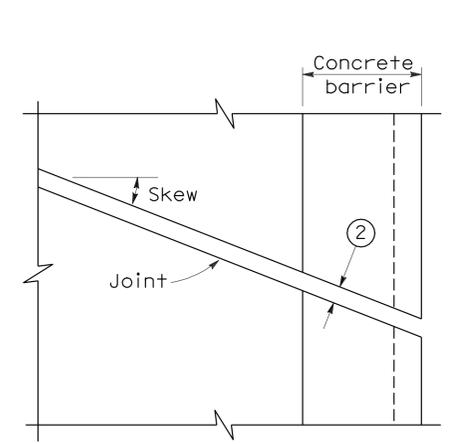
CONCRETE BARRIER



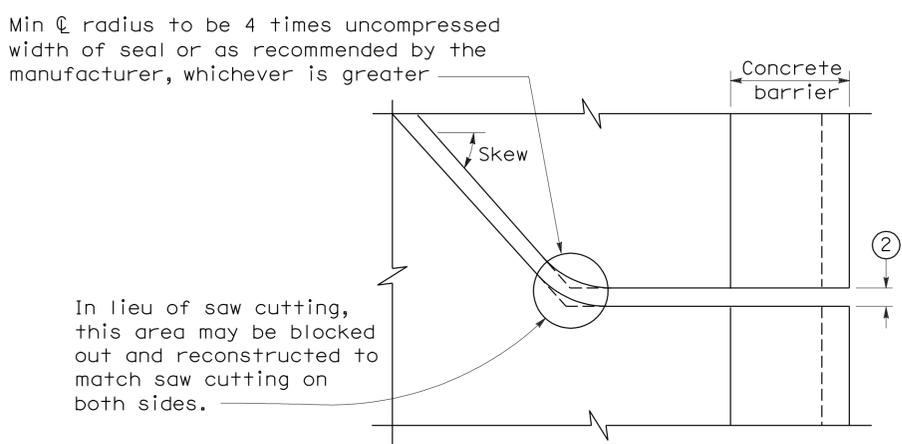
FORMING DETAIL SAWCUT DETAIL

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

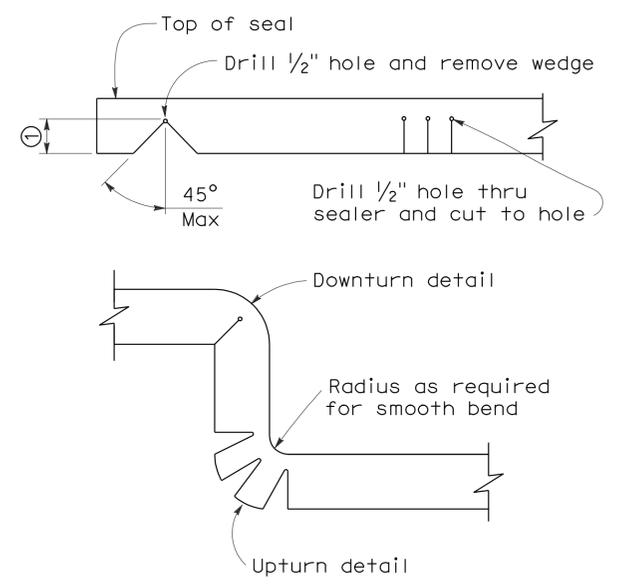
JOINT SEALS DETAILS



PLAN OF JOINT (SKEW ≤ 20°)



PLAN OF JOINT (SKEW > 20°)



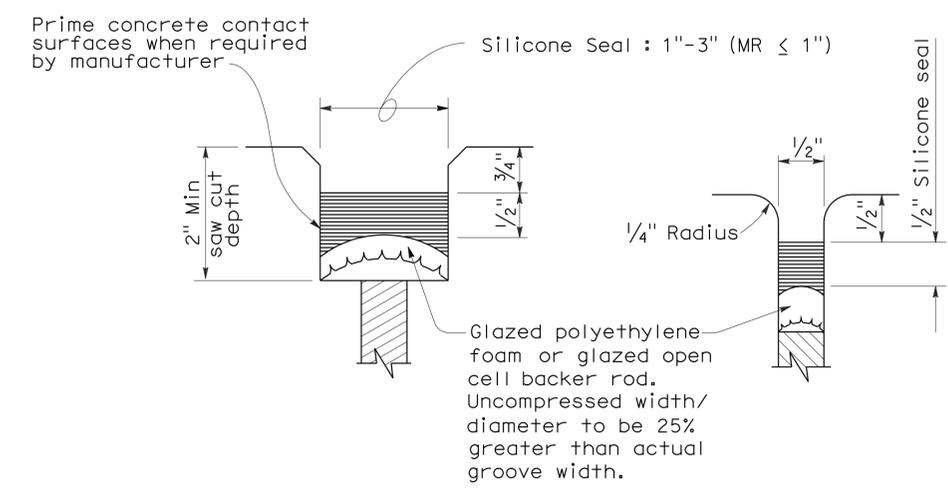
DETAIL A

- 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

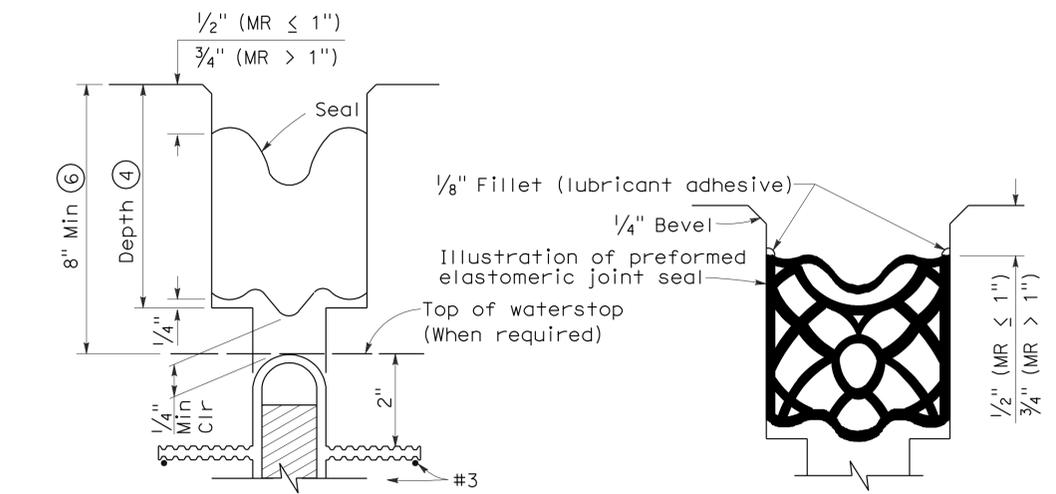


TYPE A SEAL

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.

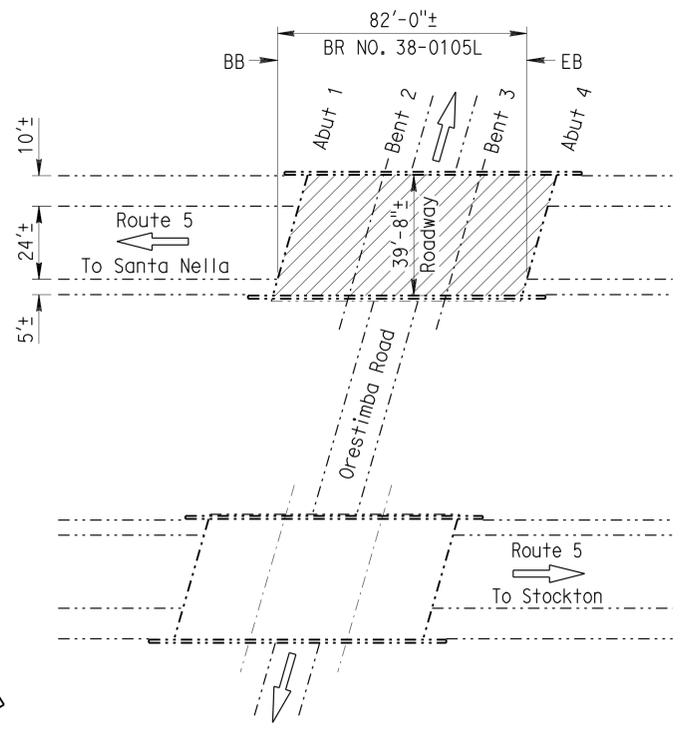
REVISED STANDARD PLAN RSP B6-21

2006 REVISED STANDARD PLAN RSP B6-21

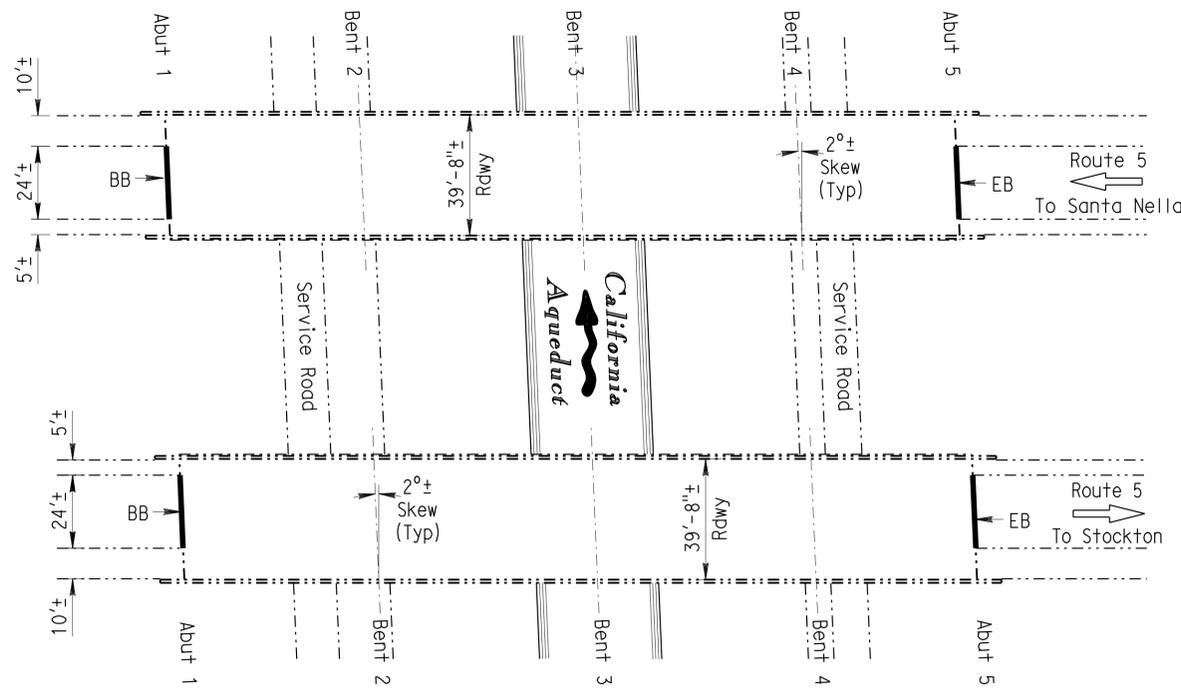
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	Amg, Sta, Tuo	5, 49, 88, 99, 108, 120	Var	8	16

Charles R. Hutchinson
 REGISTERED CIVIL ENGINEER
 DATE 7-8-09
 PLANS APPROVAL DATE 10-26-09
 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

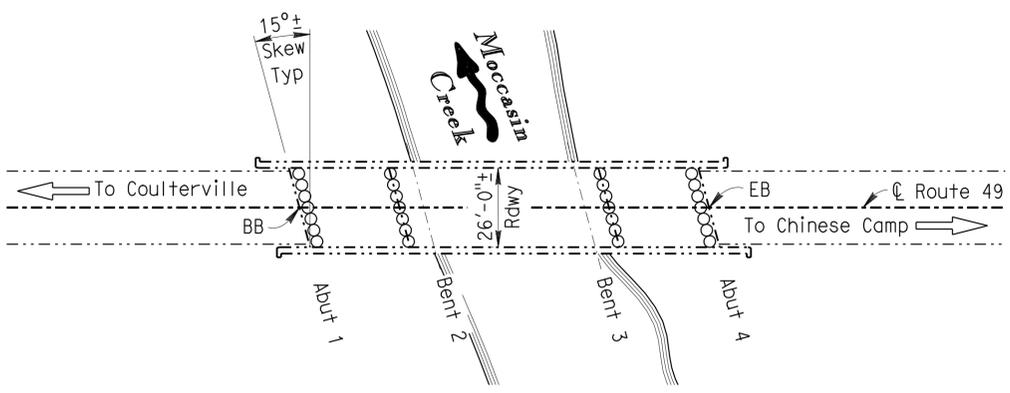


ORESTIMBA ROAD UNDERCROSSING
 Br No. 38-0105L, Sta, ROUTE 5, PM 5.02
 SCALE: 1' = 30'



CALIFORNIA AQUEDUCT
 Br No. 38-0108R/L, Sta, ROUTE 5, PM 6.47
 SCALE: 1' = 30'

- NOTES:** (APPLY TO ALL SHEETS)
- Indicates existing structure.
 - THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.
 - STANDARD PLAN SHEET NUMBER
 - DETAIL NUMBER
- NOTES:** (APPLY TO THIS SHEET ONLY)
- ▨ Indicates limits of clean and treat bridge deck with high molecular weight methacrylate. Remove unsound concrete and patch with rapid setting concrete prior to bridge deck treatment.
 - Indicates location of remove existing joint seal and place new joint seal. Repair spalled concrete as directed by the Engineer.
 - Indicates location of remove existing asphaltic plug joint seal and place new asphaltic plug joint seal. For details see JOINT SEAL DETAILS NO. 1 and JOINT SEAL DETAILS NO. 2 sheets.



MOCCASIN CREEK
 Br No. 32-0032, Tuo, ROUTE 49, PM 4.47
 SCALE: 1' = 30'

ORESTIMBA ROAD UC	BRIDGE NO. 38-0105L
QUANTITIES	
REMOVE UNSOUND CONCRETE	8 CF
CLEAN BRIDGE DECK	3,252 SQFT
RAPID SETTING CONCRETE (PATCH)	8 CF
TREAT BRIDGE DECK	3,252 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	36 GAL
CALIFORNIA AQUEDUCT	BRIDGE NO. 38-0108R/L
QUANTITIES	
CLEAN EXPANSION JOINT	96 LF
JOINT SEAL (MR 1")	96 LF
MOCCASIN CREEK	BRIDGE NO. 32-0032
QUANTITIES	
REMOVE ASPHALT CONCRETE SURFACING	1,077 SQFT
HOT MIX ASPHALT (TYPE B)	27 TON
CLEAN EXPANSION JOINT	112 LF
JOINT SEAL (ASPHALTIC PLUG)	112 LF

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

STANDARD PLANS DATED MAY 2006

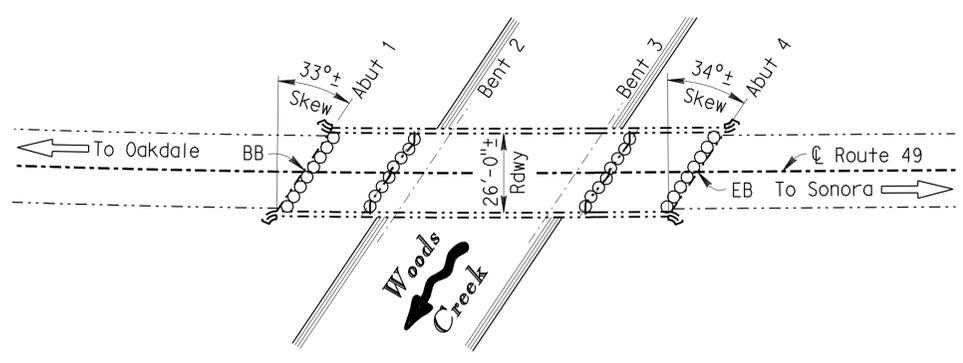
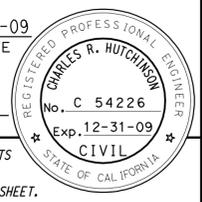
SHEET NO.	TITLE
A10A	ACRONYMS AND ABBREVIATIONS (SHEET 1 OF 2)
A10B	ACRONYMS AND ABBREVIATIONS (SHEET 2 OF 2)
RSP B6-21	JOINT SEALS (MAXIMUM MOVEMENT RATING = 2")

 DESIGN ENGINEER 7-8-09	DESIGN	BY C. Hutchinson	CHECKED Brian Nguyen	LAYOUT	BY G.F. Bidwell	CHECKED C. Hutchinson	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	VARIOUS	ROUTES 5, 49, 88, 99, 108 & 120 BRIDGES GENERAL PLAN NO. 1
	DETAILS	BY G.F. Bidwell	CHECKED Brian Nguyen	SPECIFICATIONS	BY Jennifer Holman	CHECKED Jennifer Holman			POST MILE	VARIES	
	QUANTITIES	BY C. Hutchinson	CHECKED Brian Nguyen						VARIES		

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 OT4401
 DISREGARD PRINTS BEARING EARLIER REVISION DATES: 2-26-09 5-15-09 7-2-09 7-8-09
 SHEET 1 OF 9

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	Amg, Sta, Tuo	5,49,88,99, 108,120	Var	9	16

Charles R. Hutchinson
 REGISTERED CIVIL ENGINEER DATE 7-8-09
 10-26-09
 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.



WOODS CREEK
 Br No. 32-0004, Tuo, ROUTE 49, PM 13.52
 SCALE: 1' = 30'

WOODS CREEK BRIDGE NO. 32-0004

	QUANTITIES	
REMOVE ASPHALT CONCRETE SURFACING	1,247	SQFT
HOT MIX ASPHALT (TYPE B)	20	TON
CLEAN EXPANSION JOINT	124	LF
JOINT SEAL (ASPHALTIC PLUG)	124	LF

SILVER LAKE SPILLWAY BRIDGE NO. 26-0049

	QUANTITIES	
REMOVE UNSOUND CONCRETE	26	CF
CLEAN BRIDGE DECK	10,283	SQFT
RAPID SETTING CONCRETE (PATCH)	26	CF
TREAT BRIDGE DECK	10,283	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	114	GAL

OLD WARDS FERRY ROAD OC BRIDGE NO. 32-0063

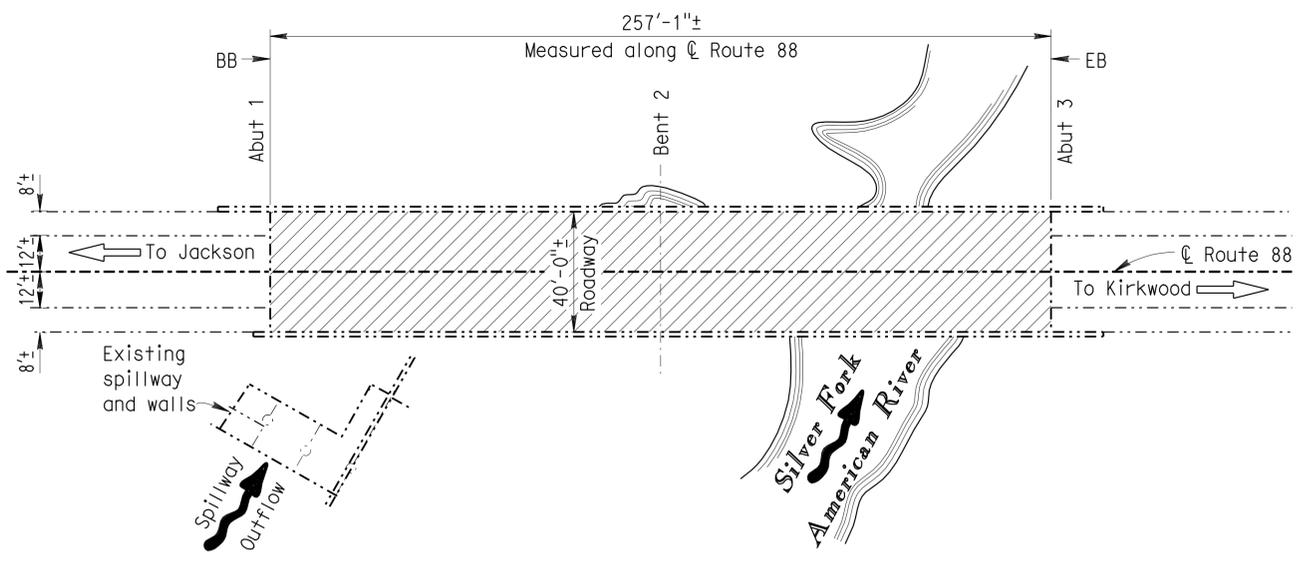
	QUANTITIES	
CLEAN EXPANSION JOINT	81	LF
JOINT SEAL (MR 1")	81	LF

NOTES: (APPLY TO THIS SHEET ONLY)

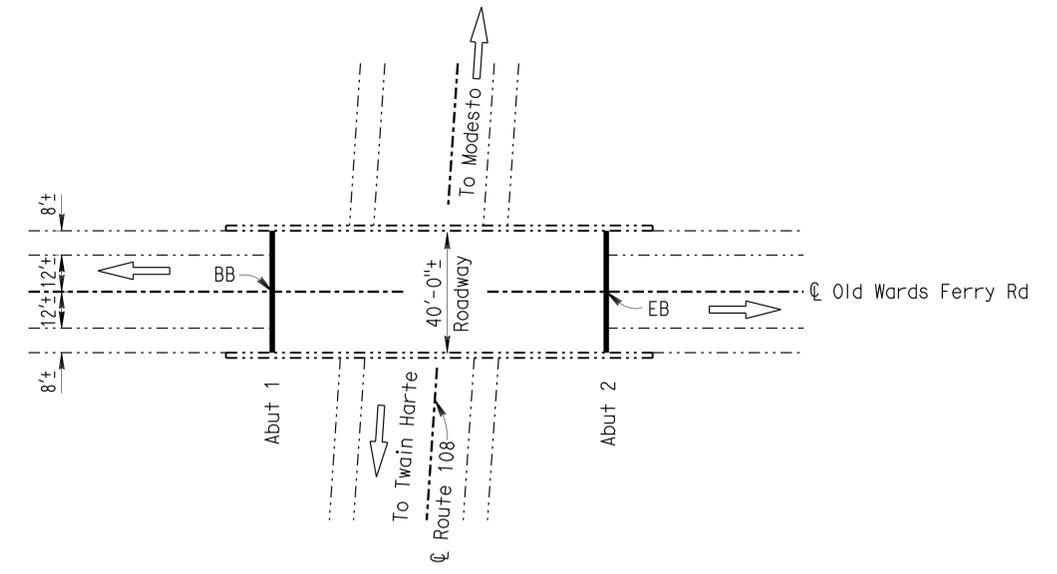
Indicates limits of clean and treat bridge deck with high molecular weight methacrylate. Remove unsound concrete and patch with rapid setting concrete prior to bridge deck treatment.

Indicates location of remove existing joint seal and place new joint seal. Repair spalled concrete as directed by the Engineer.

Indicates location of remove existing asphaltic plug joint seal and place new asphaltic plug joint seal. For details see JOINT SEAL DETAILS NO. 1 and JOINT SEAL DETAILS NO. 2 sheets.



SILVER LAKE SPILLWAY
 Br No. 26-0049, Ama, ROUTE 88, PM R66.37
 SCALE: 1' = 30'



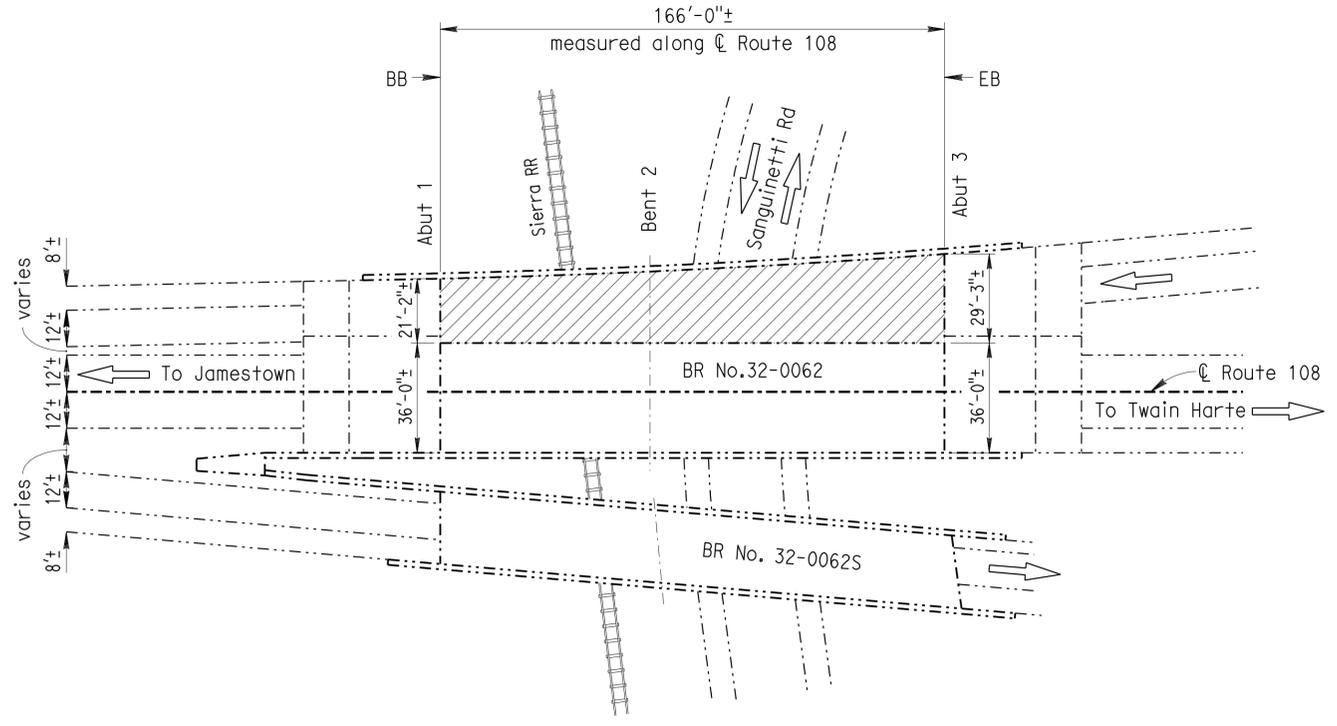
OLD WARDS FERRY ROAD OVERCROSSING
 Br No. 32-0063, Tuo, ROUTE 108, PM R1.57
 SCALE: 1' = 30'

 DESIGN ENGINEER 7-8-09	DESIGN	BY C. Hutchinson	CHECKED Brian Nguyen	LAYOUT	BY G.F. Bidwell	CHECKED C. Hutchinson	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	VARIOUS	ROUTES 5, 49, 88, 99, 108 & 120 BRIDGES GENERAL PLAN NO. 2
	DETAILS	BY G.F. Bidwell	CHECKED Brian Nguyen	SPECIFICATIONS	BY Jennifer Holman	CHECKED Jennifer Holman			POST MILE	VARIES	
	QUANTITIES	BY C. Hutchinson	CHECKED Brian Nguyen								

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 OT4401 DISREGARD PRINTS BEARING EARLIER REVISION DATES 2-28-09 5-15-09 7-2-09 7-8-09 SHEET 2 OF 9

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	Amg, Sta, Tuo	5, 49, 88, 99, 108, 120	Var	10	16

<i>Charles R. Hutchinson</i>		7-8-09
REGISTERED CIVIL ENGINEER	DATE	
10-26-09		
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.		



SANGUINETTI ROAD OVERHEAD
 BR No. 32-0062, Tuo, ROUTE 108, PM R2.02
 SCALE: 1' = 30'

SANGUINETTI ROAD OH BRIDGE No. 32-0062

QUANTITIES:	
REMOVE UNSOUND CONCRETE	11 CF
CLEAN BRIDGE DECK	4,184 SQFT
RAPID SETTING CONCRETE (PATCH)	11 CF
TREAT BRIDGE DECK	4,184 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	47 GAL

MIDDLE FORK STANISLAUS RIVER BRIDGE No. 32-0065

QUANTITIES:	
REMOVE UNSOUND CONCRETE	11 CF
CLEAN BRIDGE DECK	4,563 SQFT
CLEAN EXPANSION JOINT	64 LF
RAPID SETTING CONCRETE (PATCH)	11 CF
JOINT SEAL (MR 1")	64 LF
TREAT BRIDGE DECK	4,563 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	51 GAL

WEST TURLOCK OH BRIDGE No. 38-0128L/R

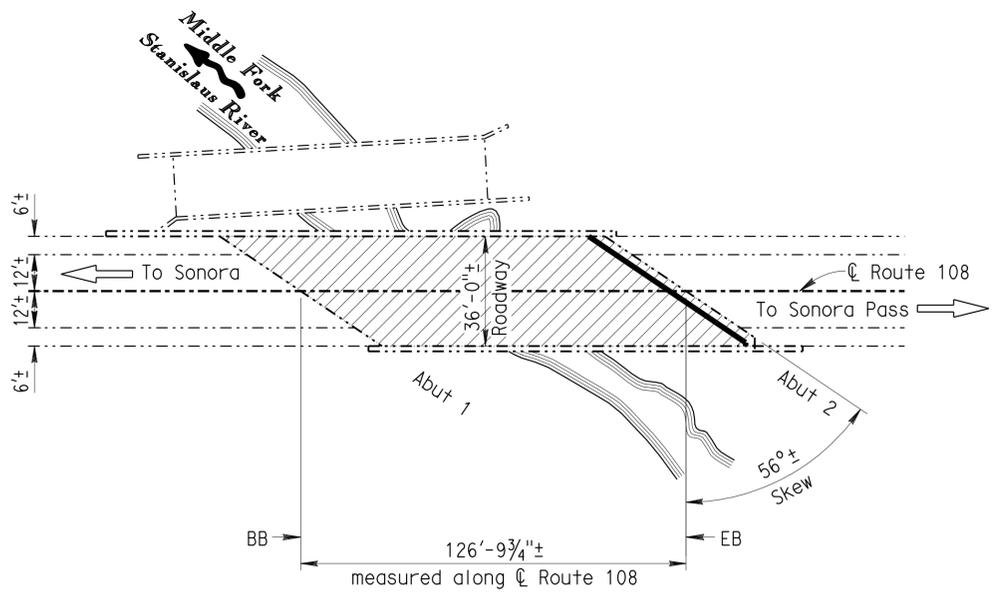
QUANTITIES:	
REMOVE ASPHALT CONCRETE SURFACING	13,896 SQFT
REMOVE UNSOUND CONCRETE	35 CF
CLEAN BRIDGE DECK	13,896 SQFT
RAPID SETTING CONCRETE (PATCH)	35 CF
TREAT BRIDGE DECK	13,896 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	154 GAL

NOTES: (APPLY TO THIS SHEET ONLY)

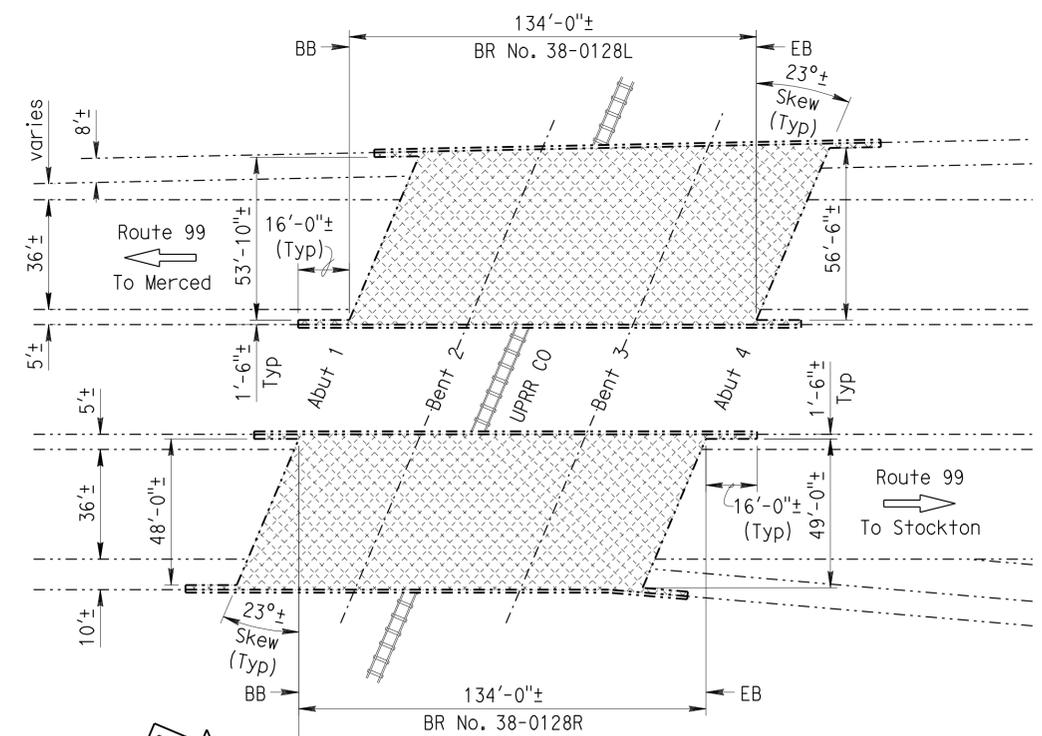
Indicates limits of clean and treat bridge deck with high molecular weight methacrylate. Remove unsound concrete and patch with rapid setting concrete prior to bridge deck treatment.

Indicates limits of remove existing AC overly and clean and treat existing bridge deck with high molecular weight methacrylate. Remove unsound concrete and patch with rapid setting concrete prior to bridge deck treatment.

Indicates location of remove existing joint seal and place new joint seal. Repair spalled concrete as directed by the Engineer.



MIDDLE FORK STANISLAUS RIVER
 BR No. 32-0065, Tuo, ROUTE 108, PM 53.20
 SCALE: 1' = 30'



WEST TURLOCK OVERHEAD
 BR No. 38-0128L/R, Sta, ROUTE 99, PM R3.18
 SCALE: 1' = 30'

Michael J. Lee 7-8-09
 DESIGN ENGINEER

DESIGN	BY C. Hutchinson	CHECKED Brian Nguyen
DETAILS	BY G.F. Bidwell	CHECKED Brian Nguyen
QUANTITIES	BY C. Hutchinson	CHECKED Brian Nguyen

LAYOUT	BY G.F. Bidwell	CHECKED C. Hutchinson
SPECIFICATIONS	BY Jennifer Holman	CHECKED Jennifer Holman

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
 STRUCTURE MAINTENANCE DESIGN

BRIDGE NO.	VARIOUS
POST MILE	VARIES

ROUTES 5, 49, 88, 99, 108 & 120 BRIDGES
GENERAL PLAN NO. 3

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	Amg, Sta, Tuo	5,49,88, 99,108,120	Var	11	16

Charles R. Hutchinson
 REGISTERED CIVIL ENGINEER DATE 7-8-09
 10-26-09
 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.

KEYES ROAD OC BRIDGE No. 38-0139

REMOVE UNSOUND CONCRETE	QUANTITIES:	34 CF
CLEAN BRIDGE DECK		13,650 SQFT
RAPID SETTING CONCRETE (PATCH)		34 CF
TREAT BRIDGE DECK		13,650 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL		152 GAL

FULKERTH ROAD UC BRIDGE No. 38-0142R

CLEAN EXPANSION JOINT	QUANTITIES:	110 LF
JOINT SEAL (MR 1")		110 LF

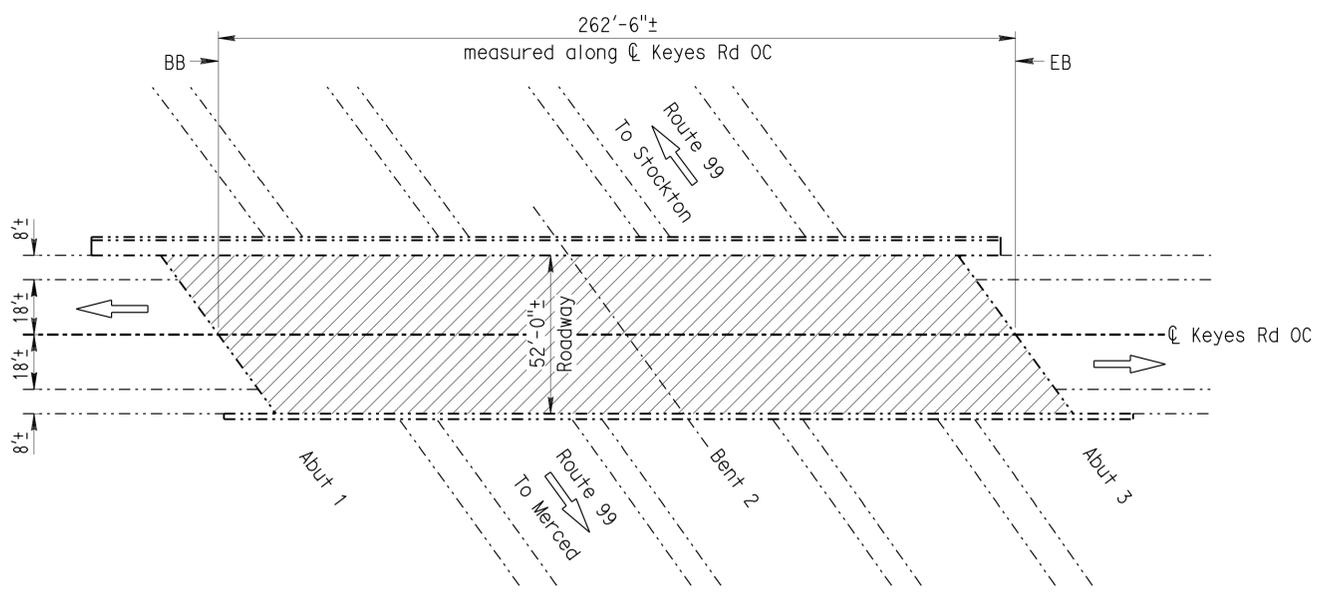
NORTH TURLOCK OH BRIDGE No. 38-0144R

CLEAN EXPANSION JOINT	QUANTITIES:	187 LF
JOINT SEAL (MR 1")		187 LF

NOTES: (APPLY TO THIS SHEET ONLY)

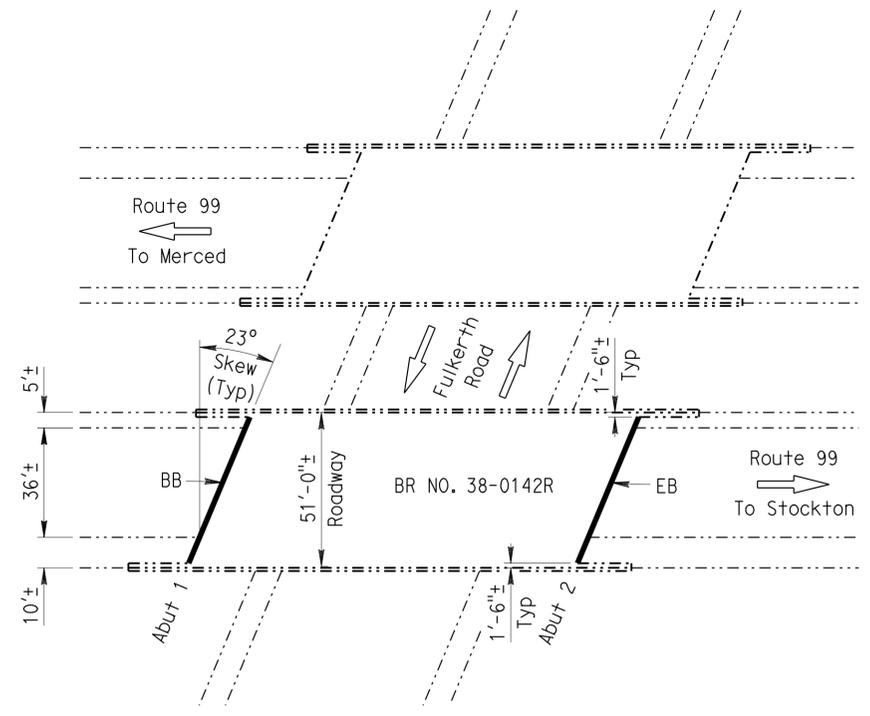
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 Indicates location of remove existing joint seal and place new joint seal. Repair spalled concrete as directed by the Engineer.



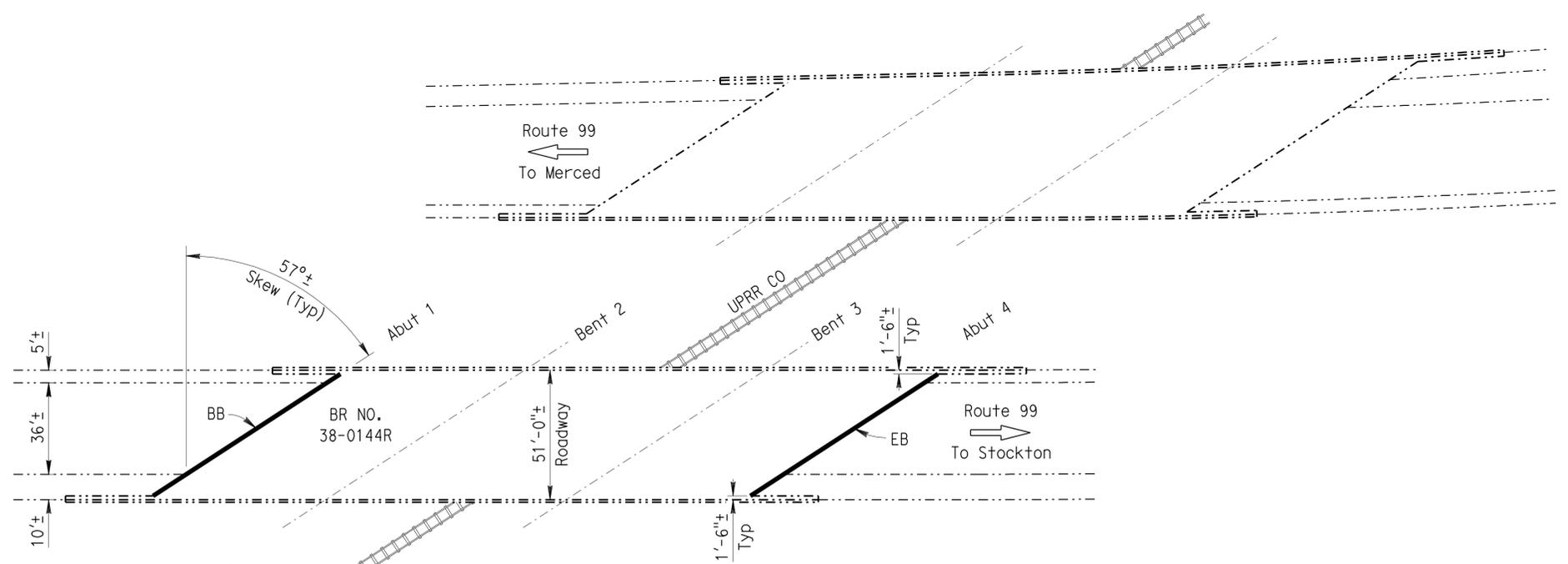
KEYES ROAD OVERCROSSING

BR No. 38-0139, Sta, ROUTE 99, PM R7.81
SCALE: 1' = 30'



FULKERTH ROAD UNDERCROSSING

BR No. 38-0142R, Sta, ROUTE 99, PM R4.54
SCALE: 1' = 30'



NORTH TURLOCK OVERHEAD

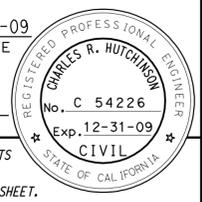
BR No. 38-0144R, Sta, ROUTE 99, PM R6.41
SCALE: 1' = 30'

 DESIGN ENGINEER 7-8-09	DESIGN	BY C. Hutchinson	CHECKED Brian Nguyen	LAYOUT	BY G.F. Bidwell	CHECKED C. Hutchinson	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	VARIOUS	ROUTES 5, 49, 88, 99, 108 & 120 BRIDGES GENERAL PLAN NO. 4
	DETAILS	BY G.F. Bidwell	CHECKED Brian Nguyen	SPECIFICATIONS	BY Jennifer Holman	CHECKED Jennifer Holman			POST MILE	VARIES	
	QUANTITIES	BY C. Hutchinson	CHECKED Brian Nguyen								

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 OT4401 DISREGARD PRINTS BEARING EARLIER REVISION DATES 2-28-09 5-15-09 7-2-09 7-8-09 SHEET 4 OF 9

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	Amg, Sta, Tuo	5, 49, 88, 99, 108, 120	Var	12	16

Charles R. Hutchinson
 REGISTERED CIVIL ENGINEER DATE 7-8-09
 10-26-09
 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: (APPLY TO THIS SHEET ONLY)

Indicates limits of clean and treat bridge deck with high molecular weight methacrylate. Remove unsound concrete and patch with rapid setting concrete prior to bridge deck treatment.

CERES MAIN CANAL BRIDGE No. 38-0007

QUANTITIES:

REMOVE UNSOUND CONCRETE	6	CF
CLEAN BRIDGE DECK	2,623	SQFT
RAPID SETTING CONCRETE (PATCH)	6	CF
TREAT BRIDGE DECK	2,623	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	29	GAL

HATCH ROAD OC BRIDGE No. 38-0081

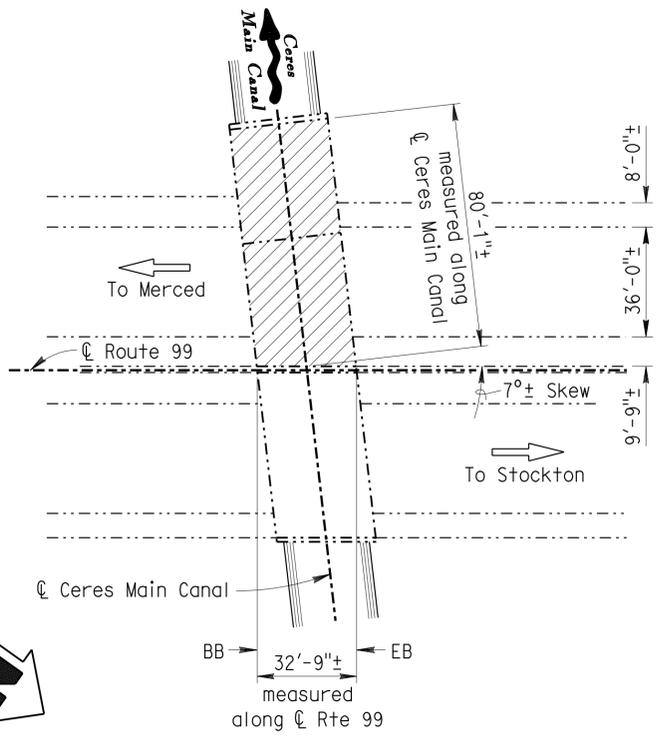
QUANTITIES:

REMOVE UNSOUND CONCRETE	32	CF
CLEAN BRIDGE DECK	12,600	SQFT
RAPID SETTING CONCRETE (PATCH)	32	CF
TREAT BRIDGE DECK	12,600	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	141	GAL

HATCH ROAD OC BRIDGE No. 38-0081Y

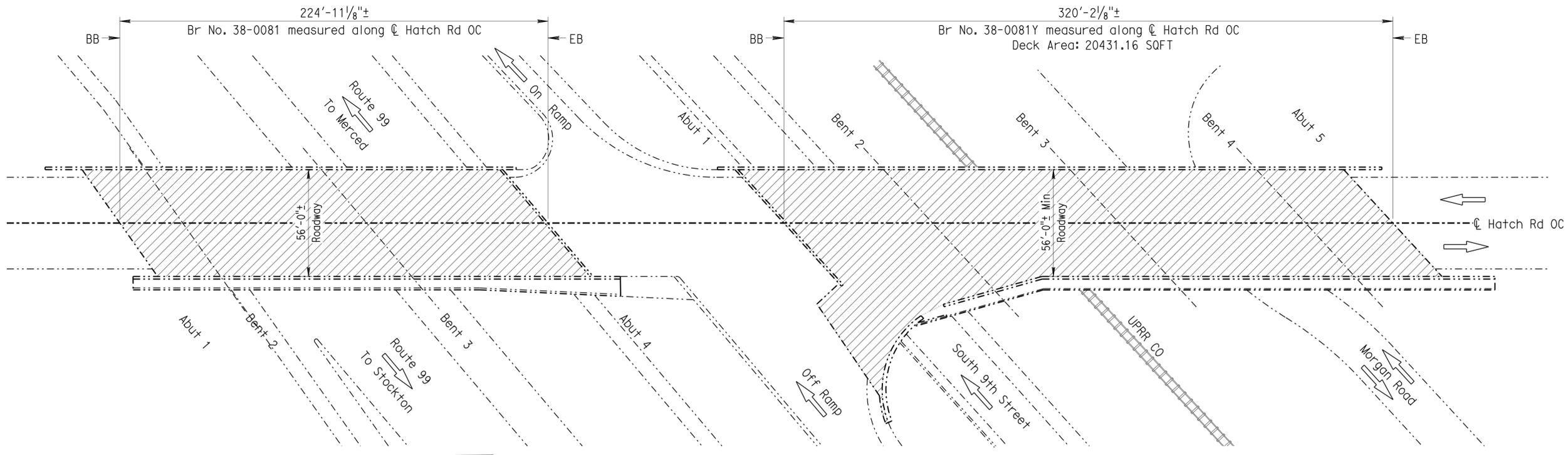
QUANTITIES:

REMOVE UNSOUND CONCRETE	55	CF
CLEAN BRIDGE DECK	20,431	SQFT
RAPID SETTING CONCRETE (PATCH)	55	CF
TREAT BRIDGE DECK	20,431	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	228	GAL



CERES MAIN CANAL

BR No. 38-0007, Sta, ROUTE 99, PM R10.03
 SCALE: 1' = 30'



HATCH ROAD OVERCROSSING

BR No. 38-0081 & 38-0081Y, Sta, ROUTE 99, PM R13.26
 SCALE: 1' = 30'

Michael J. Lee
 DESIGN ENGINEER
 7-8-09

DESIGN	BY C. Hutchinson	CHECKED Brian Nguyen
DETAILS	BY G.F. Bidwell	CHECKED Brian Nguyen
QUANTITIES	BY C. Hutchinson	CHECKED Brian Nguyen

LAYOUT	BY G.F. Bidwell
SPECIFICATIONS	BY Jennifer Holman

CHECKED	C. Hutchinson
PLANS AND SPECIFICATIONS COMPARED	Jennifer Holman

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
 STRUCTURE MAINTENANCE DESIGN

BRIDGE NO.	VARIOUS
POST MILE	VARIES

ROUTES 5, 49, 88, 99, 108 & 120 BRIDGES
GENERAL PLAN NO. 5

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	Amg, Sta, Tuo	5,49,88, 99,108,120	Var	13	16

Charles R. Hutchinson
 REGISTERED CIVIL ENGINEER DATE 7-8-09
 PLANS APPROVAL DATE 10-26-09
 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

SOUTH MODESTO UC BRIDGE NO. 38-0082R

QUANTITIES

CLEAN EXPANSION JOINT 93 LF
 JOINT SEAL (MR 1") 93 LF

KANSAS AVENUE OC BRIDGE NO. 38-0086

QUANTITIES

REMOVE UNSOUND CONCRETE 30 CF
 CLEAN BRIDGE DECK 11,840 SQFT
 RAPID SETTING CONCRETE (PATCH) 30 CF
 TREAT BRIDGE DECK 11,840 SQFT
 FURNISH BRIDGE DECK TREATMENT MATERIAL 132 GAL

HAMMETT ROAD OH BRIDGE NO. 38-0158Y

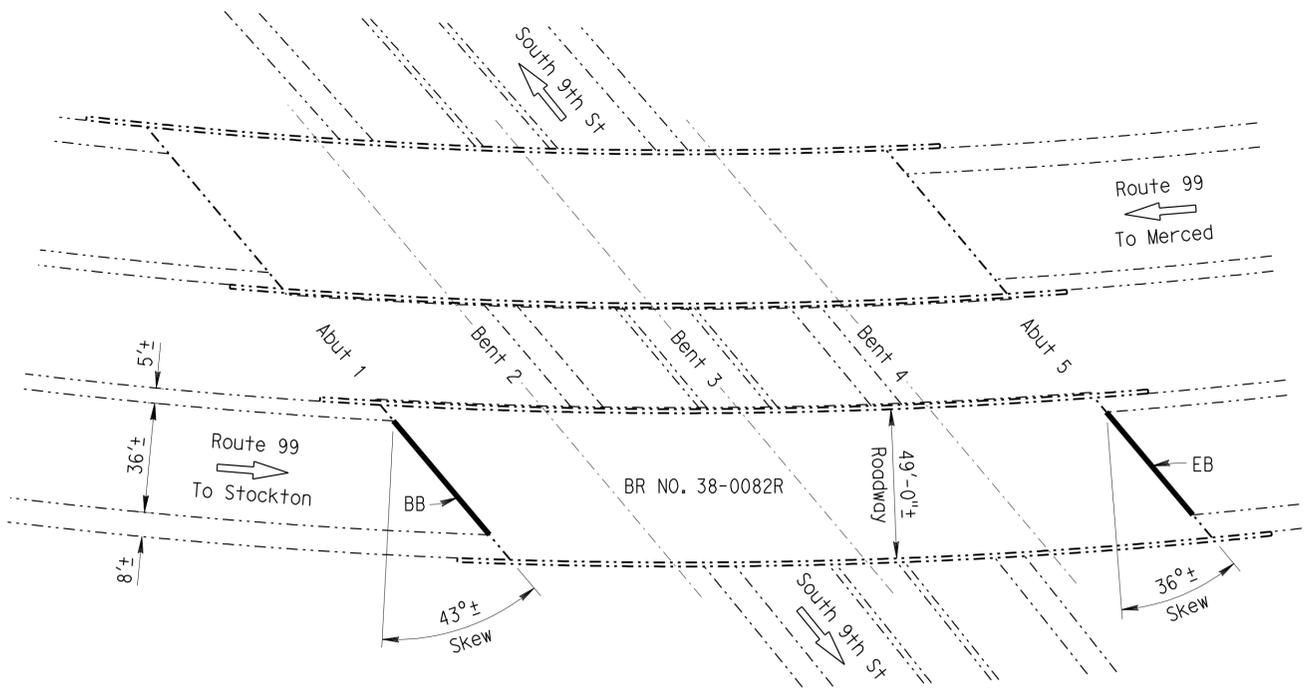
QUANTITIES

REMOVE UNSOUND CONCRETE 14 CF
 CLEAN BRIDGE DECK 5,560 SQFT
 RAPID SETTING CONCRETE (PATCH) 14 CF
 TREAT BRIDGE DECK 5,560 SQFT
 FURNISH BRIDGE DECK TREATMENT MATERIAL 62 GAL

NOTES: (APPLY TO THIS SHEET ONLY)

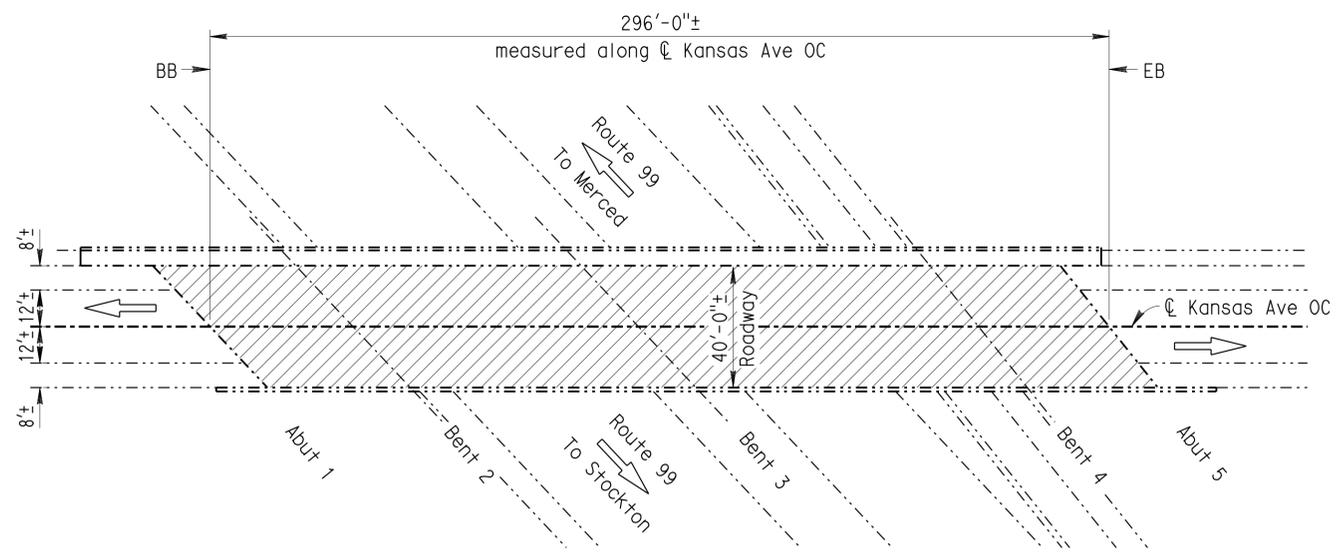
 Indicates limits of clean and treat bridge deck with high molecular weight methacrylate. Remove unsound concrete and patch with rapid setting concrete prior to bridge deck treatment.

 Indicates location of remove existing joint seal and place new joint seal. Repair spalled concrete as directed by the Engineer.



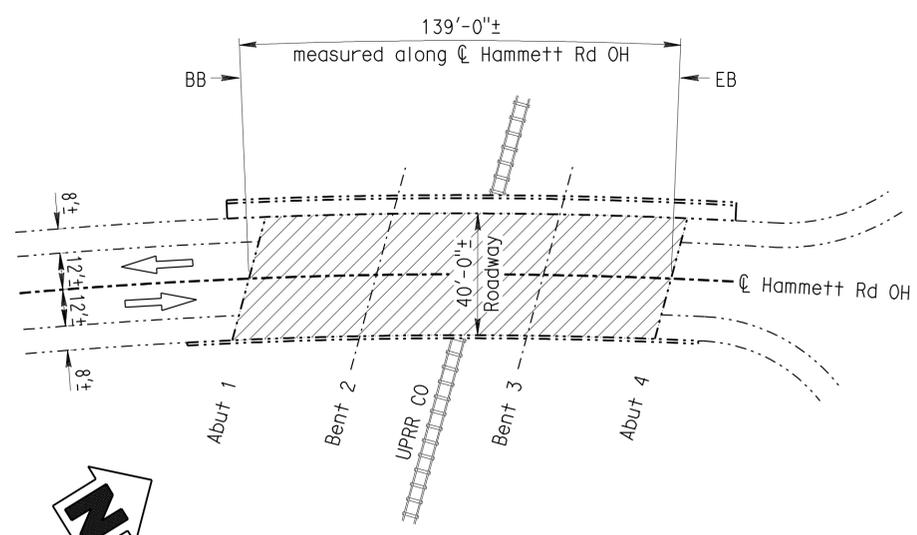
SOUTH MODESTO UNDERCROSSING

BR NO. 38-0082R, Sta, ROUTE 99, PM R13.90
 SCALE: 1' = 30'



KANSAS AVENUE OVERCROSSING

BR NO. 38-0086, Sta, ROUTE 99, PM R16.82
 SCALE: 1' = 30'



HAMMETT ROAD OVERHEAD

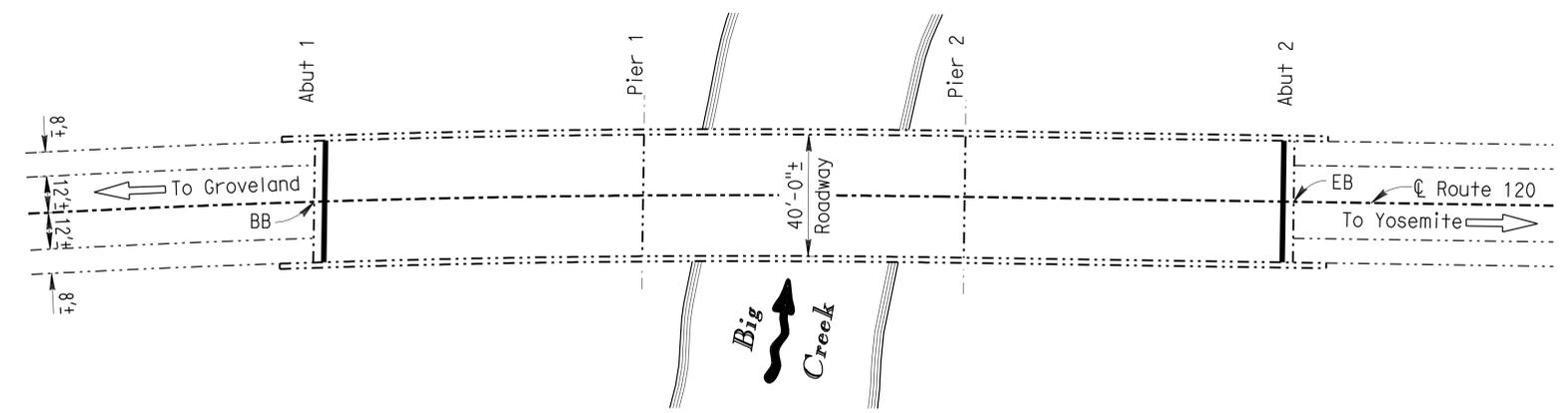
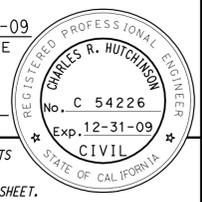
BR NO. 38-0158Y, Sta, ROUTE 99, PM R24.30
 SCALE: 1' = 30'

 DESIGN ENGINEER 7-8-09	DESIGN	BY C. Hutchinson	CHECKED Brian Nguyen	LAYOUT	BY G.F. Bidwell	CHECKED C. Hutchinson	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTES 5, 49, 88, 99, 108 & 120 BRIDGES GENERAL PLAN NO. 6
	DETAILS	BY G.F. Bidwell	CHECKED Brian Nguyen	SPECIFICATIONS	BY Jennifer Holman	CHECKED Jennifer Holman		VARIOUS	
	QUANTITIES	BY C. Hutchinson	CHECKED Brian Nguyen					POST MILE	
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)							ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CU 10 EA OT4401	DISREGARD PRINTS BEARING EARLIER REVISION DATES
							0 1 2 3	2-28-09 5-15-09 7-2-09 7-8-09	SHEET 6 OF 9

FILE => 10-014401_06gp6.dgn

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	Amg, Sta, Tuo	5, 49, 88, 99, 108, 120	Var	14	16

Charles R. Hutchinson 7-8-09
 REGISTERED CIVIL ENGINEER DATE
 10-26-09
 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.

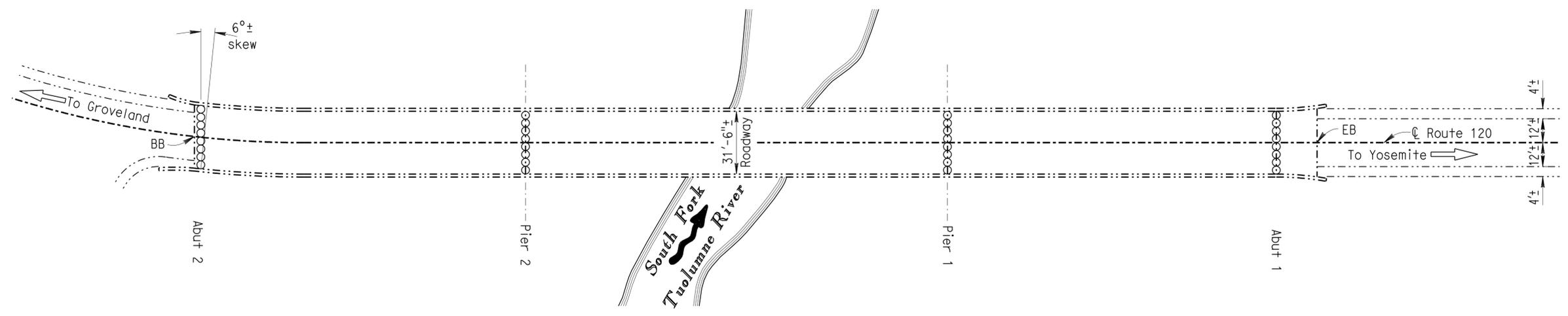


BIG CREEK

BR NO. 32-0058, Tuo, ROUTE 120, PM R37.78
 SCALE: 1' = 30'

- NOTES: (APPLY TO THIS SHEET ONLY)
- Indicates location of remove existing joint seal and place new joint seal. Repair spalled concrete as directed by the Engineer.
 - Indicates location of remove existing asphaltic plug joint seal and place new asphaltic plug joint seal. For details see JOINT SEAL DETAILS NO. 1 and JOINT SEAL DETAILS NO. 2 sheets.

BIG CREEK	BRIDGE NO. 38-0058
CLEAN EXPANSION JOINT JOINT SEAL (MR 1 1/2")	QUANTITIES 82 LF
SOUTH FORK TUOLUMNE RIVER	BRIDGE NO. 38-0035
REMOVE ASPHALT CONCRETE SURFACING	QUANTITIES 1,262 SQFT
HOT MIX ASPHALT (TYPE B)	20 TON
CLEAN EXPANSION JOINT JOINT SEAL (ASPHALTIC PLUG)	128 LF



SOUTH FORK TUOLUMNE RIVER

BR NO. 32-0035, Tuo, ROUTE 120, PM 46.82
 SCALE: 1' = 30'

 DESIGN ENGINEER 7-8-09	DESIGN	BY C. Hutchinson	CHECKED Brian Nguyen	LAYOUT	BY G.F. Bidwell	CHECKED C. Hutchinson	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTES 5, 49, 88, 99, 108 & 120 BRIDGES GENERAL PLAN NO. 7			
	DETAILS	BY G.F. Bidwell	CHECKED Brian Nguyen	SPECIFICATIONS	BY Jennifer Holman	CHECKED Jennifer Holman			POST MILE				
	QUANTITIES	BY C. Hutchinson	CHECKED Brian Nguyen			CHECKED Jennifer Holman			VARIES				
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 OT4401	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES 2-28-09 5-15-09 7-2-09 7-8-09	SHEET 7 OF 9

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	Amg, Sta, Tuol	5, 49, 88, 99, 108, 120	Var	15	16

Charles R. Hutchinson
 REGISTERED CIVIL ENGINEER DATE 7-8-09
 10-26-09
 PLANS APPROVAL DATE
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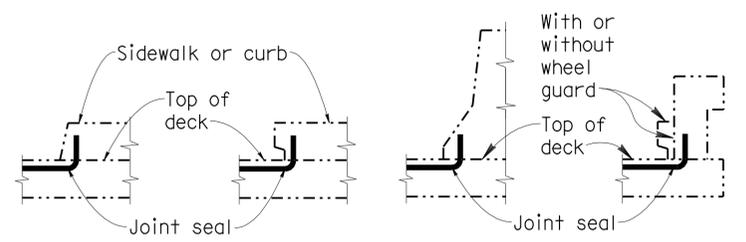
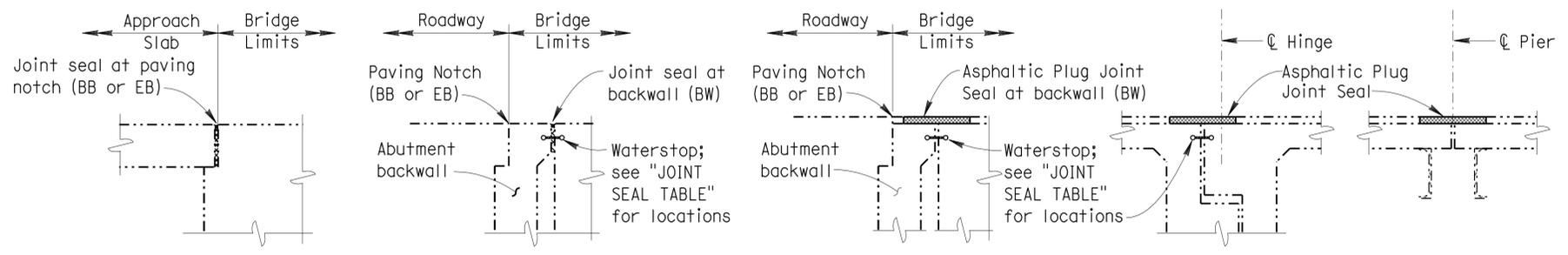
JOINT SEAL TABLE								
BRIDGE NAME	BRIDGE NUMBER	LOCATION		MINIMUM "MR" (inches)	APPROXIMATE LENGTH (feet)	EXISTING WATERSTOP	APPROX DEPTH TO CLEAN EXPANSION JOINT (inches)	ASPHALTIC PLUG X
		Abutment	PN					
CALIFORNIA AQUEDUCT	38-0108L	Abut 1	PN	1	24.0	No	12.0	No
		Abut 5	PN	1	24.0	No	12.0	No
	38-0108R	Abut 1	PN	1	24.0	No	12.0	No
		Abut 5	PN	1	24.0	No	12.0	No
MOCCASIN CREEK	32-0032	Abut 1	BW	---	28.0	No	12.0	Yes
		Bent 2	H	---	28.0	No	34.5	Yes
		Bent 3	H	---	28.0	No	34.5	Yes
		Abut 4	BW	---	28.0	No	12.0	Yes
WOODS CREEK	32-0004	Abut 1	BW	---	30.8	No	12.0	Yes
		Bent 2	H	---	30.8	No	19.0	Yes
		Bent 3	H	---	30.8	No	19.0	Yes
		Abut 4	BW	---	30.8	No	12.0	Yes
OLD WARDS FERRY ROAD OC	32-0063	Abut 1	PN	1	40.5	No	12.0	No
		Abut 2	PN	1	40.5	No	12.0	No
MIDDLE FORK STANISLAUS RIVER	32-0065	Abut 2	BW	1	63.3	No	6.0	No
FULKERTH ROAD UC	38-0142R	Abut 1	PN	1	55.4	No	12.0	No
		Abut 2	PN	1	55.4	No	12.0	No
NORTH TURLOCK OH	38-0144R	Abut 1	PN	1	93.6	No	12.0	No
		Abut 2	PN	1	93.6	No	12.0	No
SOUTH MODESTO UC	38-0082R	Abut 1	PN	1	48.9	No	12.0	No
		Abut 5	PN	1	44.1	No	12.0	No
BIG CREEK	32-0058	Abut 1	BW	1 1/2	41.0	No	12.0	No
		Abut 2	BW	1 1/2	41.0	No	12.0	No
SOUTH FORK TUOLUMNE RIVER	32-0035	Abut 1	BW	---	32.0	No	6.0	Yes
		Pier 1	⊕	---	32.0	No	6.0	Yes
		Pier 2	⊕	---	32.0	No	6.0	Yes
		Abut 2	BW	---	33.3	No	6.0	Yes

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 

- 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 

LEGEND:
 BW = Backwall
 ⊕ = Centerline Pier
 H = Hinge
 PN = Paving Notch



DIAPHRAGM ABUTMENT

ABUTMENT WITH BACKWALL

HINGE

PIER

SIDEWALK OR CURB

BARRIER RAIL

JOINT SEAL AT LOW SIDE OF DECK

Details shown for illustration purposes only. For use only where deck joint matches the barrier rail joint.
 NO SCALE

JOINT SEAL LOCATION

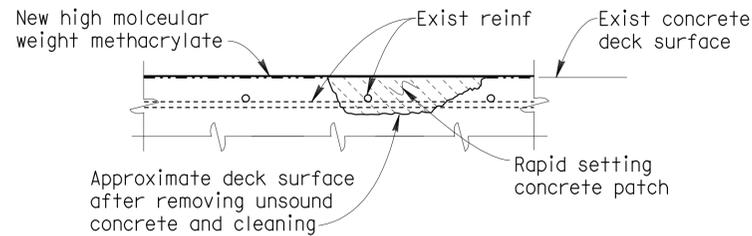
NO SCALE

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)	DESIGN	BY C. Hutchinson	CHECKED Brian Nguyen	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	VARIOUS	ROUTES 5, 49, 88, 99, 108 & 120 BRIDGES			
	DETAILS	BY G.F. Bidwell	CHECKED Brian Nguyen			POST MILE			VARIES	JOINT SEAL DETAILS NO. 1	
	QUANTITIES	BY C. Hutchinson	CHECKED Brian Nguyen			VARIES					
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0	1	2	3	CU 10 EA OT4401	DISREGARD PRINTS BEARING EARLIER REVISION DATES	2-26-09	5-15-09	7-2-09	7-8-09	SHEET 8 OF 9

USERNAME => hrmikes DATE PLOTTED => 02-NOV-2009 TIME PLOTTED => 05:37

DECK REPAIR TABLE			
REMOVE UNSOUND CONCRETE AND PATCH WITH RAPID SETTING CONCRETE			
BRIDGE NAME	BRIDGE NUMBER	APPROXIMATE AREA DAMAGED (PERCENT)	APPROXIMATE DEPTH (INCHES)
ORESTIMBA ROAD UC	38-0105L	2	3
SILVER LAKE SPILLWAY	26-0049	2	3
SANGUINETTI ROAD OH	32-0062	2	3
MIDDLE FORK STANISLAUS RIVER	32-0065	2	3
WEST TURLOCK OH	38-0128L	2	3
	38-0128R	2	3
KEYES ROAD OC	38-0139	2	3
CERES MAIN CANAL	38-0007	2	3
HATCH ROAD OC	38-0081	2	3
	38-0081Y	2	3
KANSAS AVENUE OC	38-0086	2	3
HAMMETT ROAD OH	38-0158Y	2	3

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

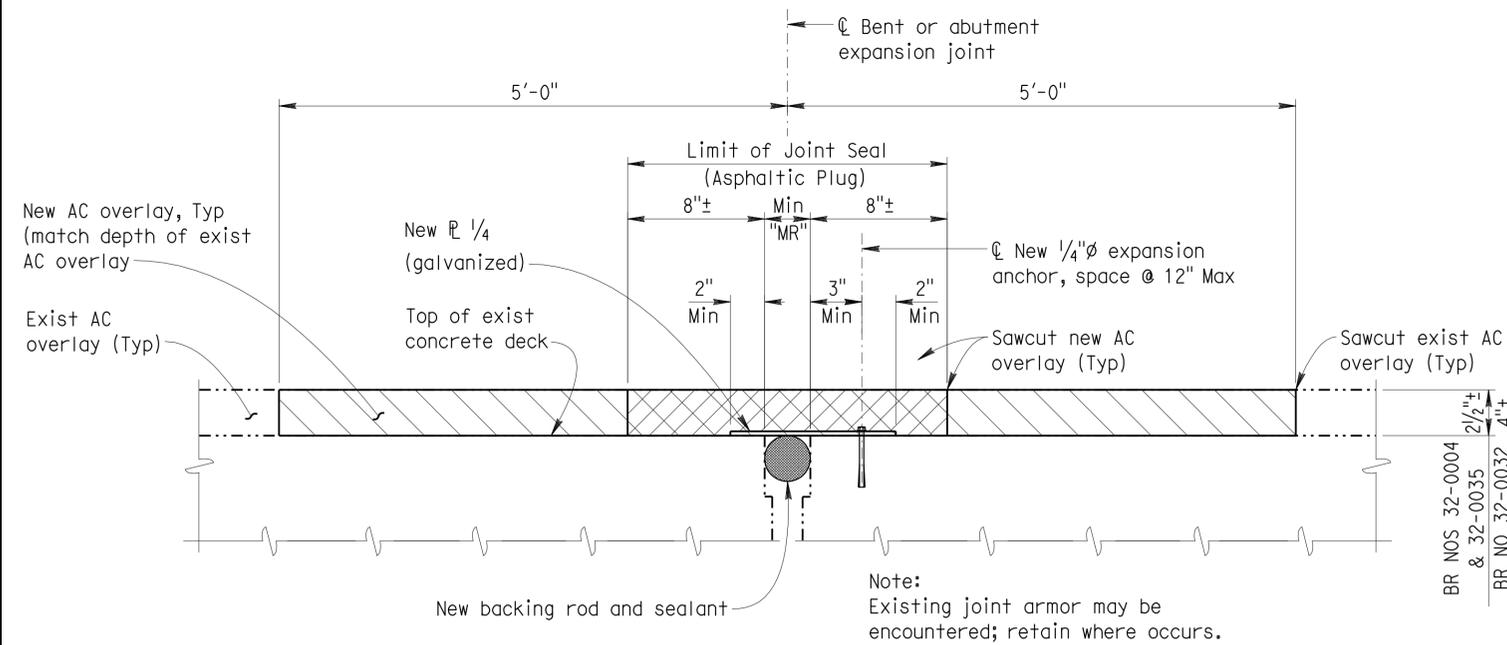


DECK REPAIR DETAIL

Reinforcement may be encountered during deck concrete removal.
NO SCALE

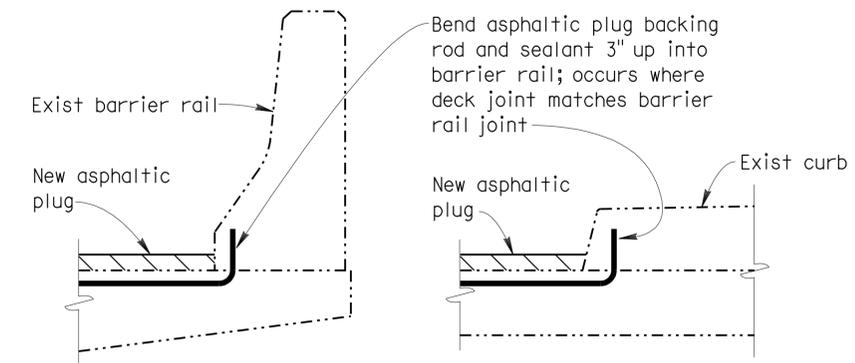
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	Amg, Sta, Tuo	5, 49, 88, 99, 108, 120	Var	16	16
 REGISTERED CIVIL ENGINEER			7-8-09	DATE	
10-26-09 PLANS APPROVAL DATE					
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- NOTES: (APPLY TO THIS SHEET ONLY)
-  Indicates limits of remove existing asphaltic plugs and AC overlay and place new AC overlay.
 -  Indicates limits of sawcut and remove new AC overlay, abrasive blast clean exposed concrete deck and place new asphaltic plug joint seal (match thickness of AC overlay, 2" Min).



ASPHALTIC PLUG JOINT SEAL DETAIL

BR NOS 32-0004, 32-0032, 32-0035
NO SCALE



BARRIER RAIL

CURB

ASPHALTIC PLUG AT LOW SIDE OF DECK

NO SCALE

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)	DESIGN	BY C. Hutchinson	CHECKED Brian Nguyen	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	VARIOUS	ROUTES 5, 49, 88, 99, 108 & 120 BRIDGES JOINT SEAL DETAILS NO. 2				
	DETAILS	BY G.F. Bidwell	CHECKED Brian Nguyen			POST MILE						
	QUANTITIES	BY C. Hutchinson	CHECKED Brian Nguyen			VARIES						
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0	1	2	3	CU 10 EA OT4401	DISREGARD PRINTS BEARING EARLIER REVISION DATES → <table border="1"> <tr> <td>2-28-09</td> <td>5-15-09</td> <td>7-2-09</td> <td>7-8-09</td> </tr> </table>		2-28-09	5-15-09	7-2-09	7-8-09	SHEET 9 OF 9
2-28-09	5-15-09	7-2-09	7-8-09									