

INDEX OF PLANS

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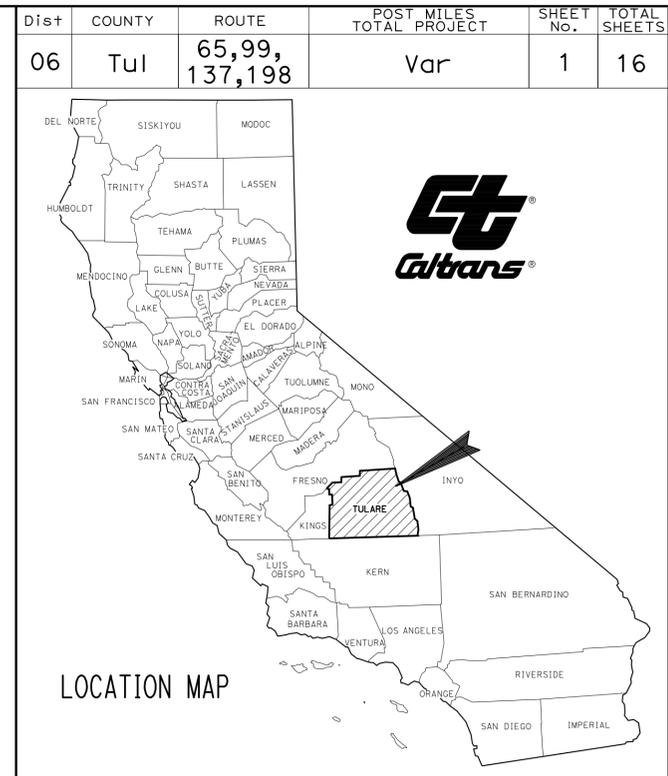
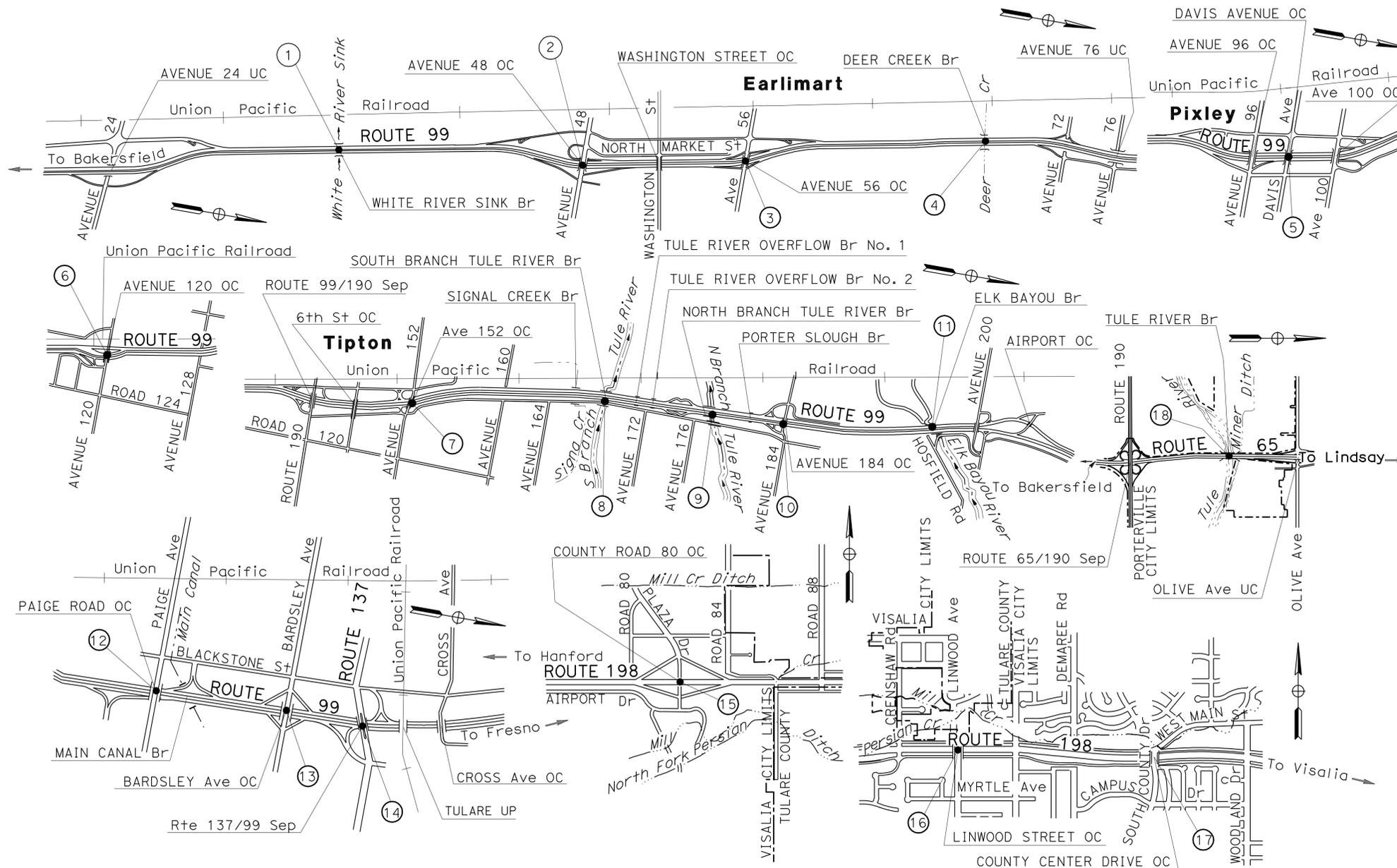
STRUCTURE PLANS

10-16 ROUTE 65, 99, 137 AND 198 BRIDGES

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

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

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



LOCATIONS OF CONSTRUCTION

Loc	PM	ROUTE	NAME OF BRIDGE	BRIDGE No.
①	4.56	99	WHITE RIVER SINK	46-0258
②	6.15	99	AVENUE 48 OC	46-0165
③	7.17	99	AVENUE 56 OC	46-0167
④	8.72	99	DEER CREEK	46-0257
⑤	12.60	99	DAVIS AVENUE OC	46-0172
⑥	15.37	99	AVENUE 120 OC	46-0189
⑦	19.46	99	AVENUE 152 OC	46-0191
⑧	21.43	99	S BRANCH TULE RIVER	46-0056R
⑨	22.74	99	N BRANCH TULE RIVER	46-0059L
⑩	23.49	99	AVENUE 184 OC	46-0192
⑪	25.01	99	ELK BAYOU	46-0060L
⑫	27.60	99	PAIGE ROAD OC	46-0158
⑬	28.61	99	BARDSLEY AVENUE OC	46-0159
⑭	16.63	137	ROUTE 137/99 Sep	46-0150L
⑮	R4.80	198	COUNTY ROAD 80 OC	46-0237
⑯	7.26	198	LINWOOD STREET OC	46-0252
⑰	8.10	198	CO CENTER DRIVE OC	46-0255
⑱	18.72	65	TULE RIVER	46-0259R

PROJECT MANAGER
BILL MOSES

DESIGN ENGINEER
FRANK GONZALEZ

NO SCALE

7-15-10
 PROJECT ENGINEER DATE
 REGISTERED CIVIL ENGINEER
November 29, 2010
 PLANS APPROVAL DATE
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER
SHUE XAIXU VUE
 No. 63657
 Exp. 9-30-12
 CIVIL
 STATE OF CALIFORNIA

CONTRACT No.	06-OK4404
PROJECT ID	060000244

DATE PLOTTED => 01-DEC-2010 TIME PLOTTED => 01:28

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Tul	65,99, 137,198	Var	2	16
			7-15-10	REGISTERED CIVIL ENGINEER DATE	
			11-29-10	PLANS APPROVAL DATE	
<small>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.</small>					

NOTE:
FOR ACCURATE RIGHT OF WAY DATA,
CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

LEGEND:

0.25' COLD PLANE AC PAVEMENT
0.25' TO 0.31' HMA (TYPE A)

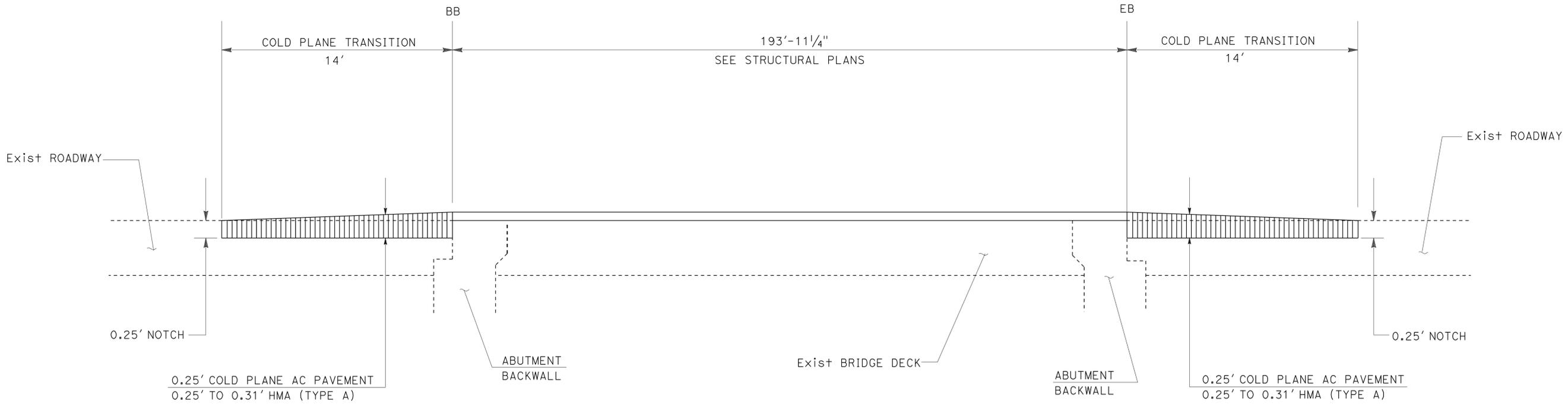
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN

FUNCTIONAL SUPERVISOR
FRANK GONZALEZ

CALCULATED/DESIGNED BY
CHECKED BY

TONY VAZQUEZ
VICTOR ECHEVESTE

REVISED BY
DATE REVISED



AVENUE 152 OVERCROSSING
Br No. 46-0191

TYPICAL LONGITUDINAL TRANSITION AT BRIDGE APPROACH

CONSTRUCTION DETAILS

NO SCALE **C-1**

EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Tul	65,99, 137,198	Var	3	16

7-15-10
REGISTERED CIVIL ENGINEER DATE

11-29-10
PLANS APPROVAL DATE

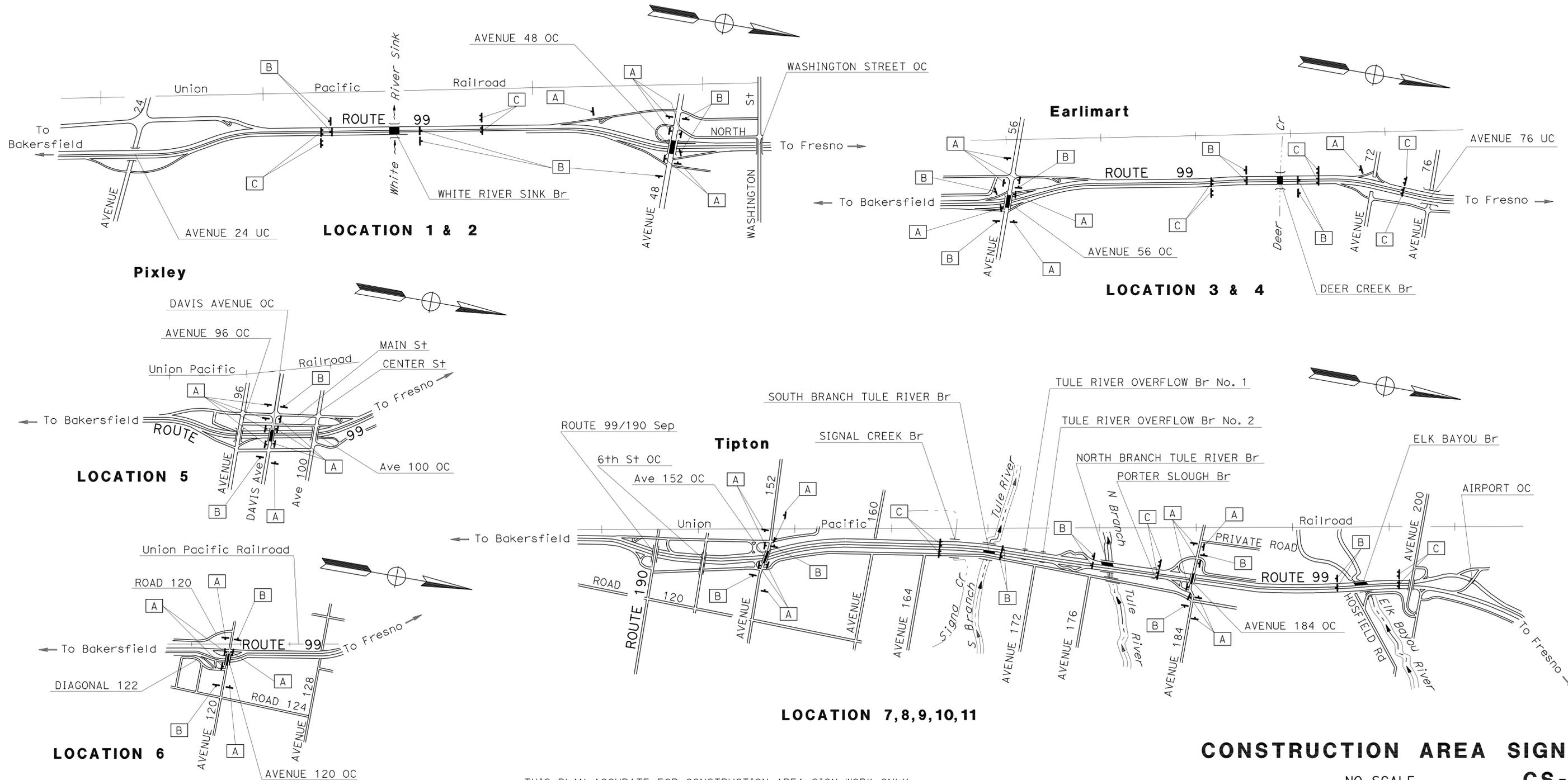
SHUE
XAIXA VUE
No. 63657
Exp. 9-30-12
CIVIL

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

SIGN CODE	PANEL SIZE	SIGN MESSAGE	No. OF POST AND SIZE	No. OF SIGNS	
A	W20-1	36" x 36"	ROAD WORK AHEAD	1- 4" x 6"	84
B	G20-2	36" x 18"	END ROAD WORK	1- 4" x 4"	49
C	W20-1	48" x 48"	ROAD WORK AHEAD	2- 4" x 6"	18

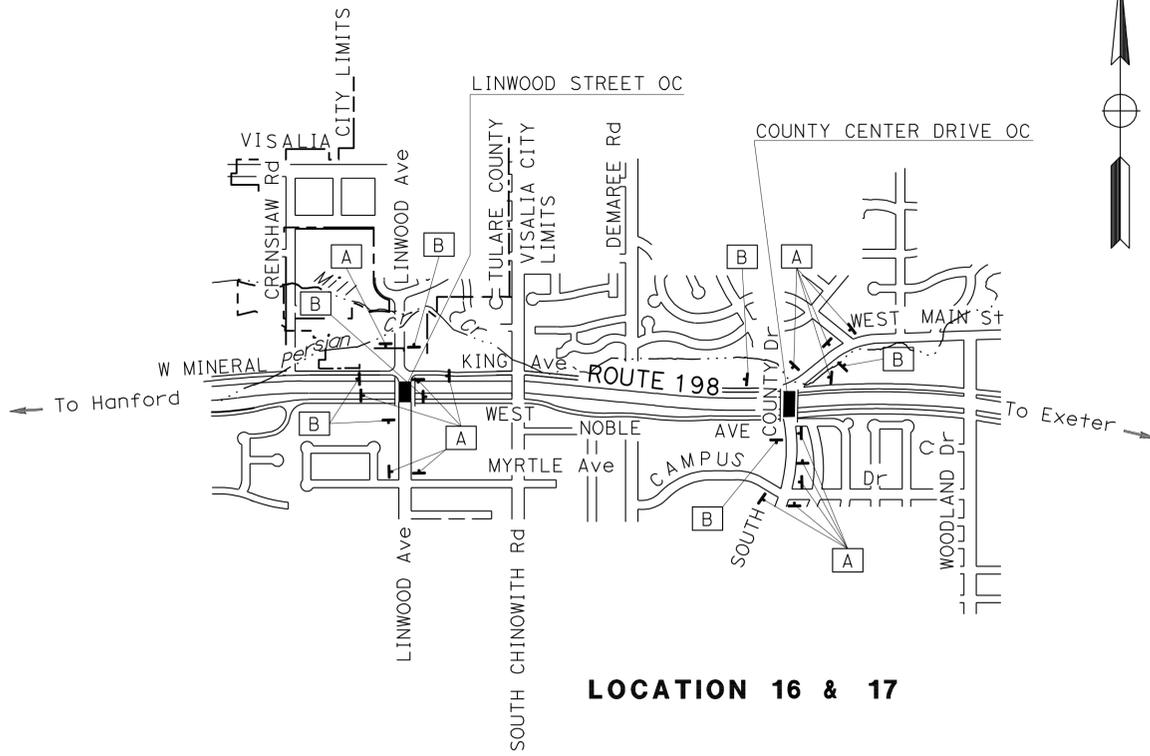
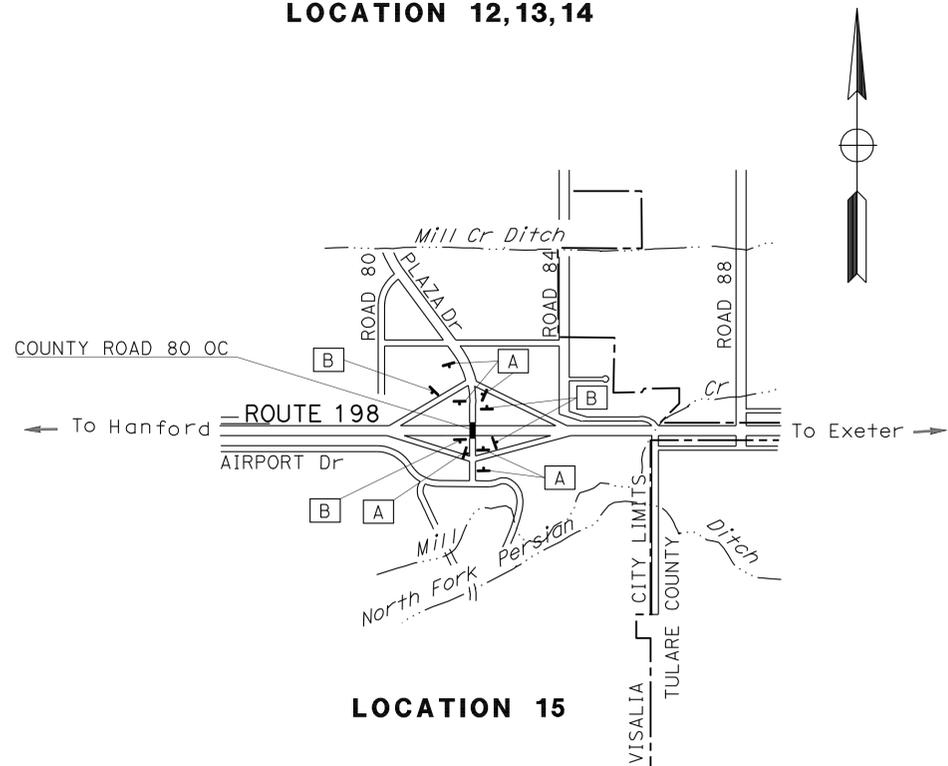
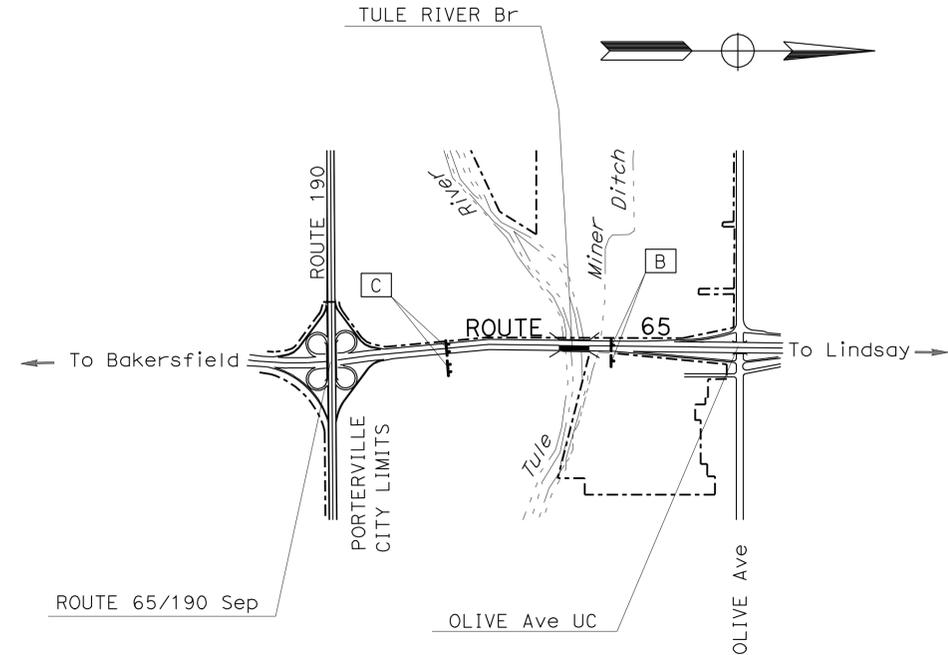
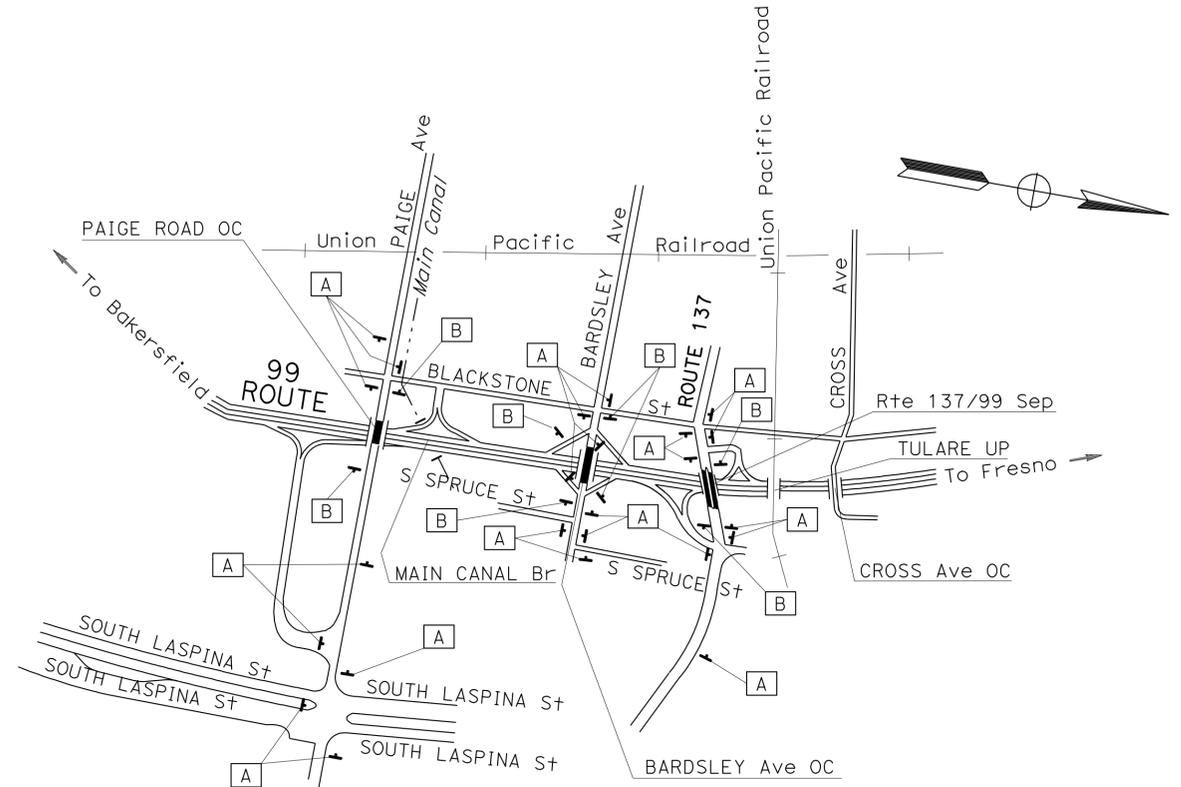
NOTE: EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.



THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

CONSTRUCTION AREA SIGNS
NO SCALE
CS-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Tul	65,99,137,198	Var	4	16
 REGISTERED CIVIL ENGINEER DATE 7-15-10					
11-29-10			PLANS APPROVAL DATE		
<small>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.</small>					



CONSTRUCTION AREA SIGNS
CS-2

NO SCALE

THIS PLAN IS ACCURATE FOR CONSTRUCTION AREA SIGNS WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	REVISOR	DATE
Caltrans MAINTENANCE DESIGN	FRANK GONZALEZ	TONY VAZQUEZ	SHUE VUE
		CALCULATED/DESIGNED BY	CHECKED BY

USERNAME => trpierce
DGN FILE => 60K4401a002.dgn



UNIT 1594

PROJECT NUMBER & PHASE

0600002441

LAST REVISION DATE PLOTTED => 01-DEC-2010
09-15-10 TIME PLOTTED => 06:45

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Tul	65,99, 137,198	Var	5	16

7-15-10
REGISTERED CIVIL ENGINEER DATE

11-29-10
PLANS APPROVAL DATE

SHUE XAIXA VUE
No. 63657
Exp. 9-30-12
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.

ROAD QUANTITIES

LOCATION	COLD PLANE ASPHALT CONCRETE PAVEMENT	HMA (TYPE A)	TACK COAT
AVENUE 152 OC (BRIDGE No. 46-0191)	0.25' COLD PLANE (SQYD)	(TON)	(TON)
	75	16	0.02

PAVEMENT DELINEATION QUANTITIES

LOCATION	BRIDGE NAME	BRIDGE No.	THERMOPLASTIC TRAFFIC STRIPE			PAVEMENT MARKER (RETROREFLECTIVE)			THERMOPLASTIC PAVEMENT MARKING				REMOVE PAVEMENT MARKER (N)	REMOVE THERMOPLASTIC TRAFFIC STRIPE	REMOVE THERMOPLASTIC PAVEMENT MARKING	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	
			4" (BROKEN 36 - 12)	4"	8"	TYPE			IV (L) SQFT	STOP SQFT	AHEAD SQFT	I-24' ARROW SQFT					
						D EA	G EA	H EA									
①	WHITE RIVER SINK	46-0258	153	306			6	6					12	306		153	
②	AVENUE 48 OC	46-0165		936					22					33	234		702
③	AVENUE 56 OC	46-0167		658											222		436
④	DEER CREEK	46-0257	214	428			8	8					16	428		214	
⑤	DAVIS AVENUE OC	46-0172		428		12							12			428	
⑥	AVENUE 120 OC	46-0189		668											334		334
⑦	AVENUE 152 OC	46-0191		792											296		396
⑧	SOUTH BRANCH TULE RIVER	46-0056R	307	614			8	8					16	307		307	
⑨	NORTH BRANCH TULE RIVER	46-0059L	124	248			4	4					8	124		124	
⑩	AVENUE 184 OC	46-0192		788											394		394
⑪	ELK BAYOU	46-0060L	124	248			4	4					8	124		124	
⑫	PAIGE ROAD OC	46-0158		520		16							16	210		310	
⑬	BARDSLEY AVENUE OC	46-0159		100	274	6				30			6	374	30	376	
⑭	ROUTE 137/99 Sep	46-0150L	276	276			8						8	552			
⑮	COUNTY ROAD 80 OC	46-0237		888						30	22	31		444	83	444	
⑯	LINWOOD STREET OC	46-0252		916	458					60			124	916	184	458	
⑰	COUNTY CENTER DRIVE OC	46-0255	414	828	414					60			248	1242	308	417	
⑱	TULE RIVER	46-0259R	391	782			10	10					20	782		391	
	SUBTOTAL		2003	8840	1146	56	48	51	180	22	31	372	155	7289	605	5674	
	TOTAL		2003	8840	1146		155					605	155	7289	605	5674	

(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

SUMMARY OF QUANTITIES

Q-1

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Tul	65,99, 137,198	Var	6	16

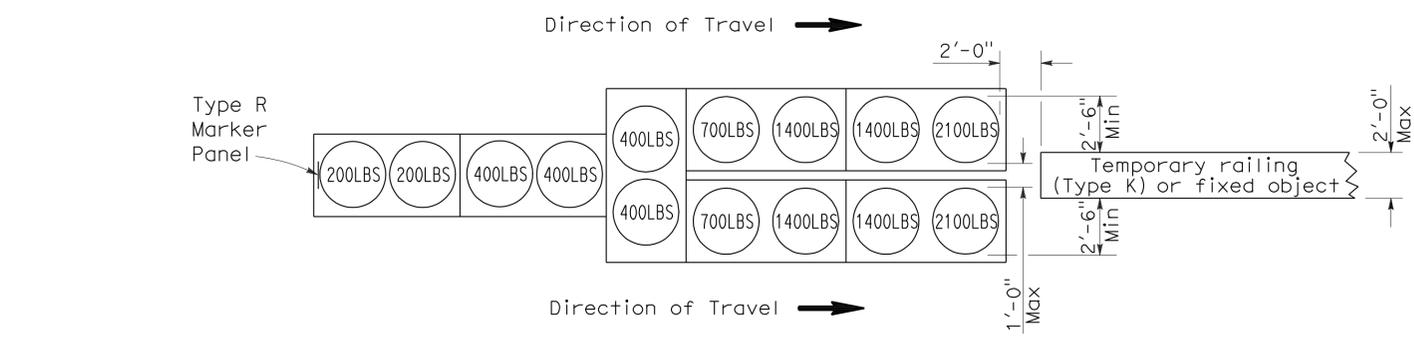
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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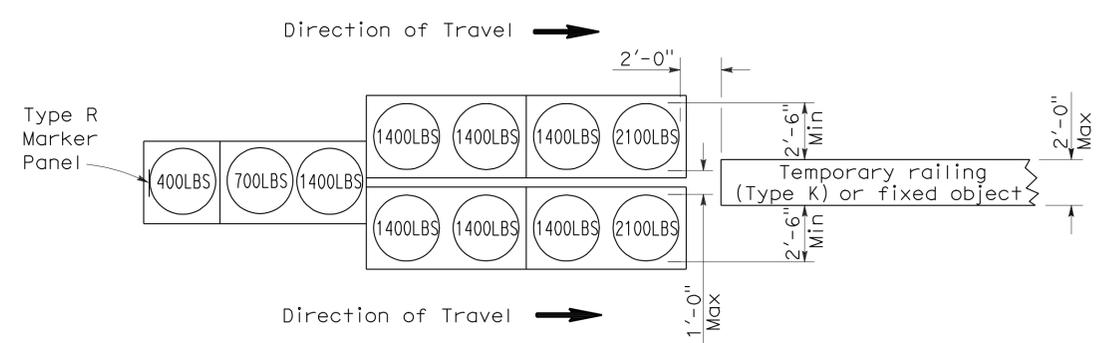
REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

To accompany plans dated 11-29-10



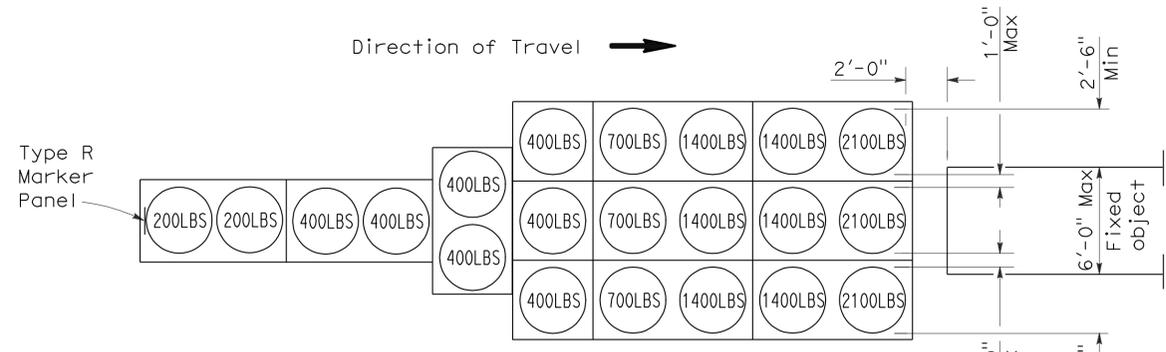
ARRAY 'TU14'

Approach speed 45 mph or more



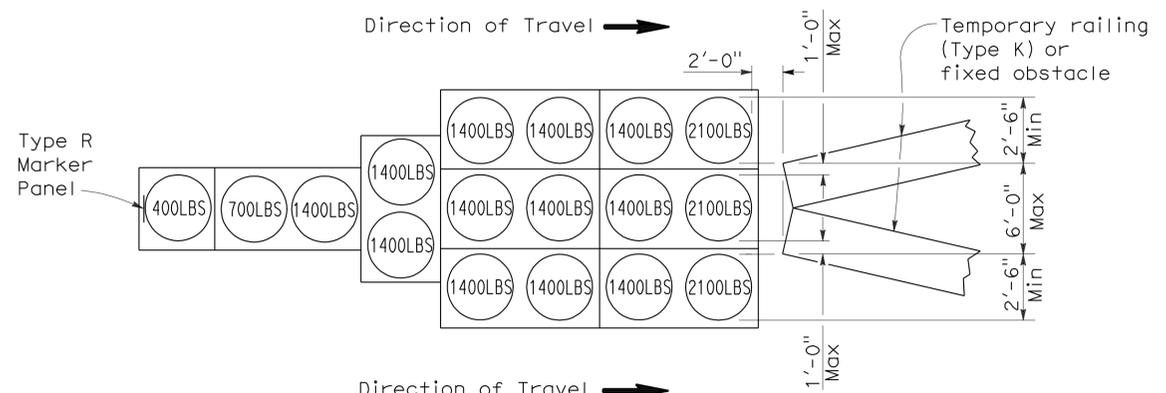
ARRAY 'TU11'

Approach speed less than 45 mph



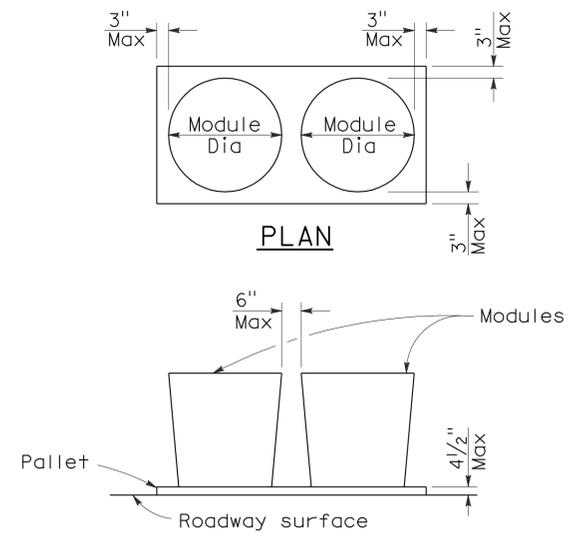
ARRAY 'TU21'

Approach speed 45 mph or more



ARRAY 'TU17'

Approach speed less than 45 mph



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

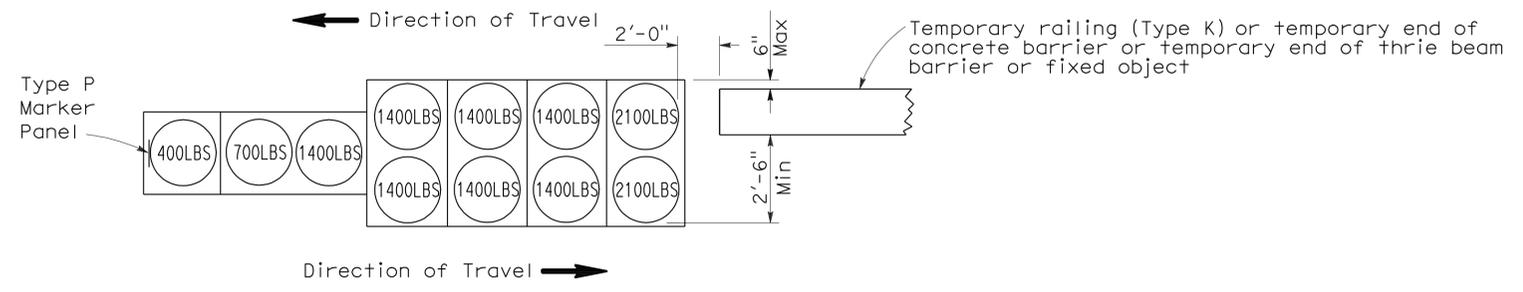
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Tul	65,99, 137,198	Var	7	16

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

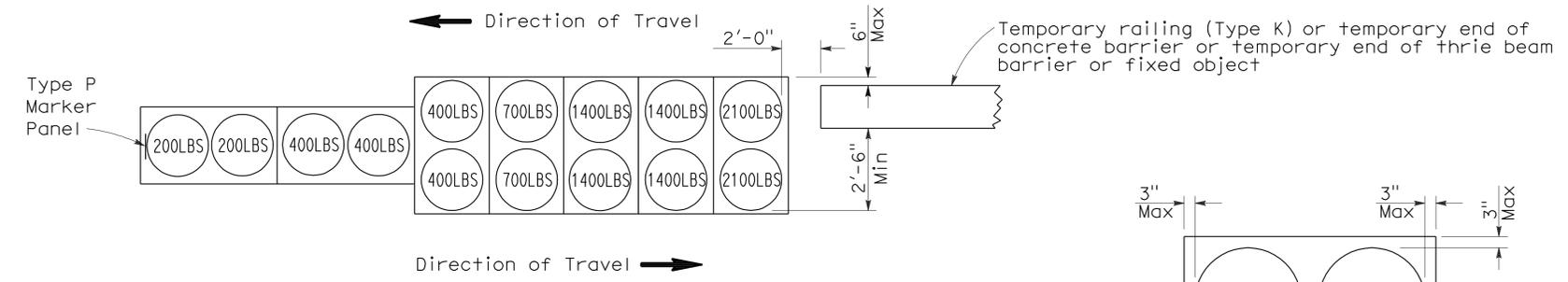
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 11-29-10



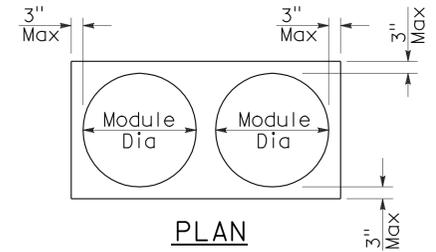
ARRAY 'TB11'

Approach speed less than 45 mph

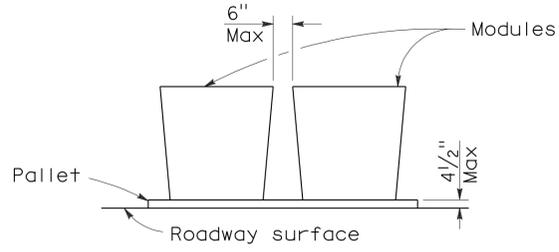


ARRAY 'TB14'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

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

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

NO SCALE

RSP T1B DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1B
DATED MAY 1, 2006 - PAGE 212 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1B

2006 REVISED STANDARD PLAN RSP T1B

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Tul	65,99, 137,198	Var	8	16

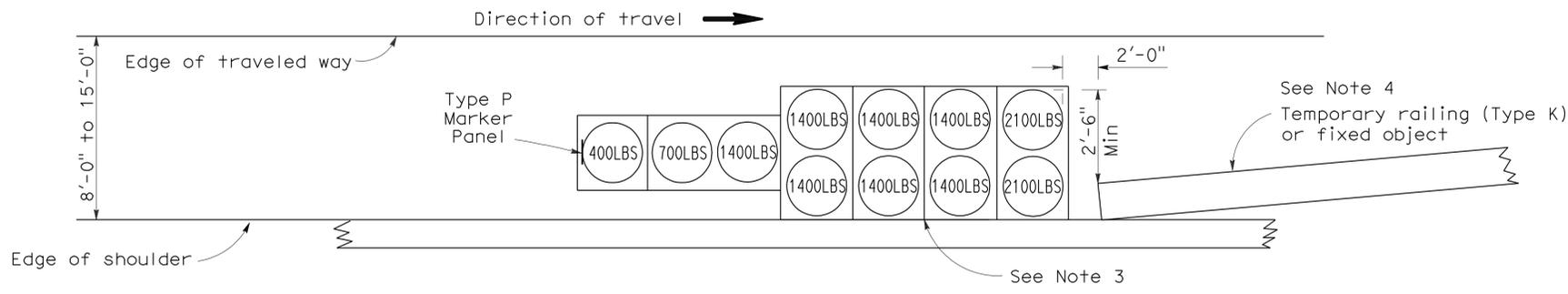
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

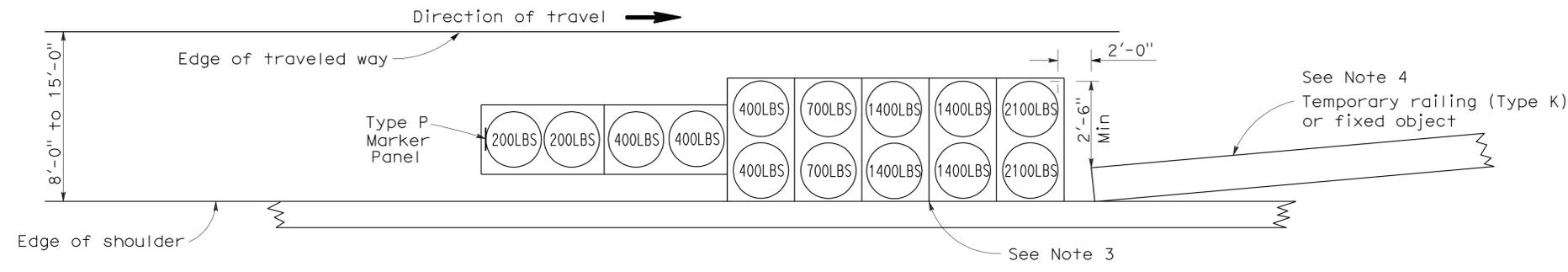
Randell D. Hiatt
REGISTERED PROFESSIONAL ENGINEER
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

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To accompany plans dated 11-29-10



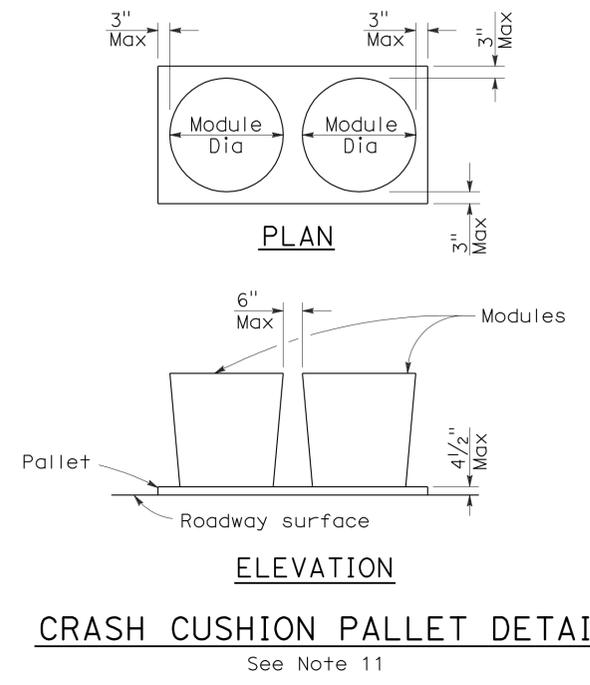
ARRAY 'TS11'
Approach speed less than 45 mph
See Note 9



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

NOTES:

- (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
- All sand weights are nominal.
- The temporary crash cushion arrays shown on this plan shall be used only in locations where there will be traffic on one side of the temporary crash cushion array.
- If the fixed object or approach end of the temporary railing is less than 15'-0" from the edge of traveled way, a temporary crash cushion is required in a construction or work zone.
- Temporary crash cushion arrays shall not encroach on the traveled way.
- Arrays for median shoulders shall conform to details shown on this plan for outside shoulders.
- Place the Type P marker panel so that the bottom of the panel rests upon the pallet and faces traffic.
- Refer to Standard Plan A73B for marker details.
- For shoulder widths less than 8'-0", appropriate approved crash cushion protection, other than sand filled modules, shall be provided at fixed objects and at approach ends of temporary railing. The specific type of crash cushion shall be as shown on the project plans or as specified in the Special Provisions, or if not shown on the project plans or specified in the Special Provisions, shall be as approved by the Engineer.
- Approach speeds indicated conform to NCHRP 350 Report criteria.
- Use of pallets is optional.

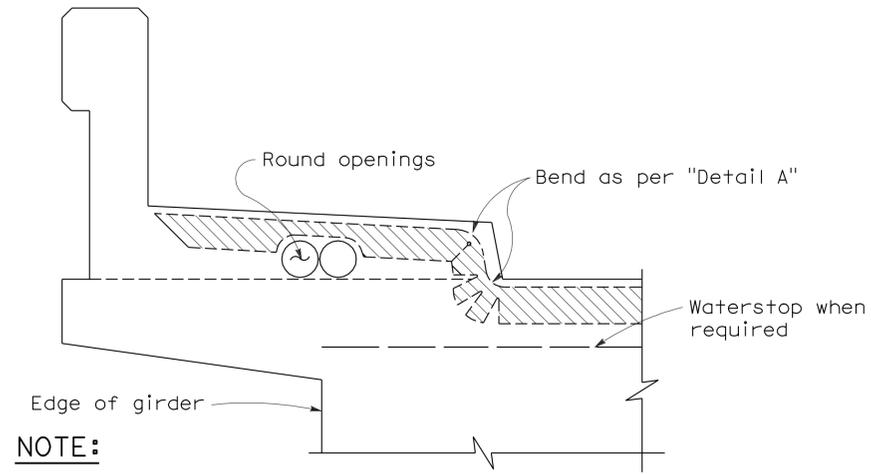


STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TEMPORARY CRASH CUSHION,
SAND FILLED
(SHOULDER INSTALLATIONS)**
NO SCALE

RSP T2 DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T2
DATED MAY 1, 2006 - PAGE 213 OF THE STANDARD PLANS BOOK DATED MAY 2006.

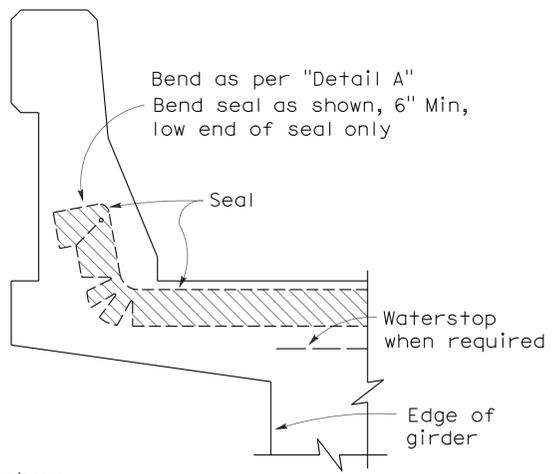
REVISED STANDARD PLAN RSP T2

2006 REVISED STANDARD PLAN RSP T2

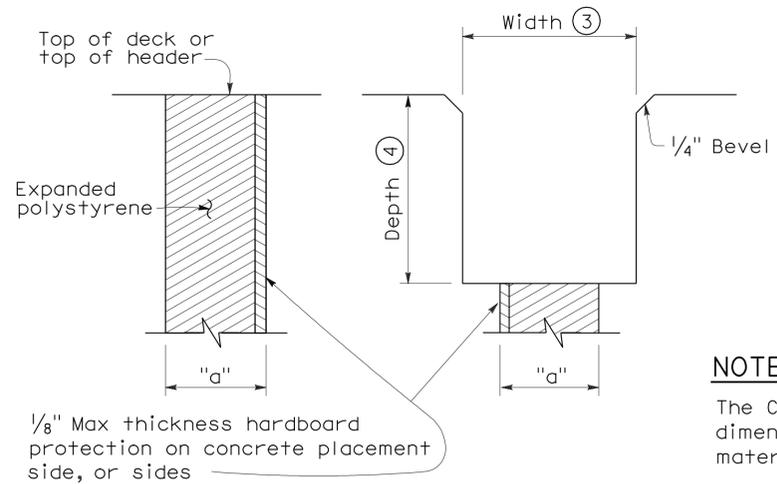


NOTE:
 Type "B" seal shown. Type "A" seals to conform to the general path of seal shown, cuts for bending not required. Bend Type "A" seals 3" up into curb or barrier rail on only the low end of the seal.

CONCRETE BARRIER AND SIDEWALK



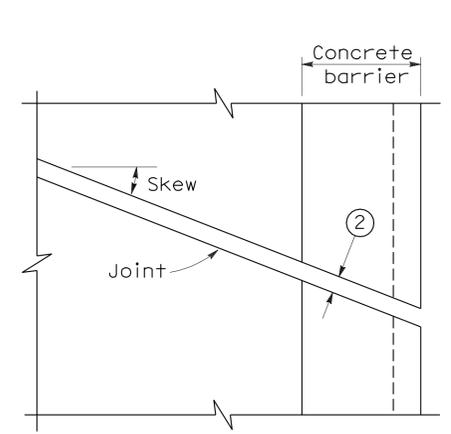
CONCRETE BARRIER



FORMING DETAIL SAWCUT DETAIL

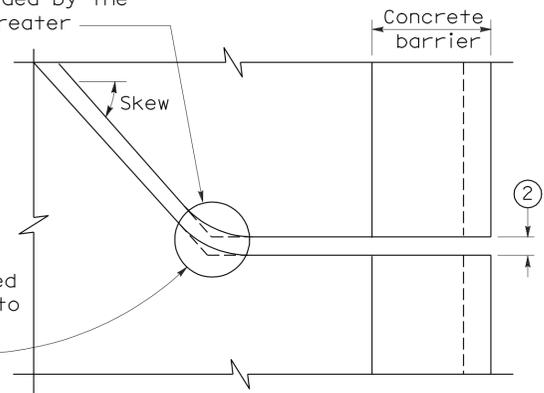
NOTE:
 The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.

JOINT SEALS DETAILS



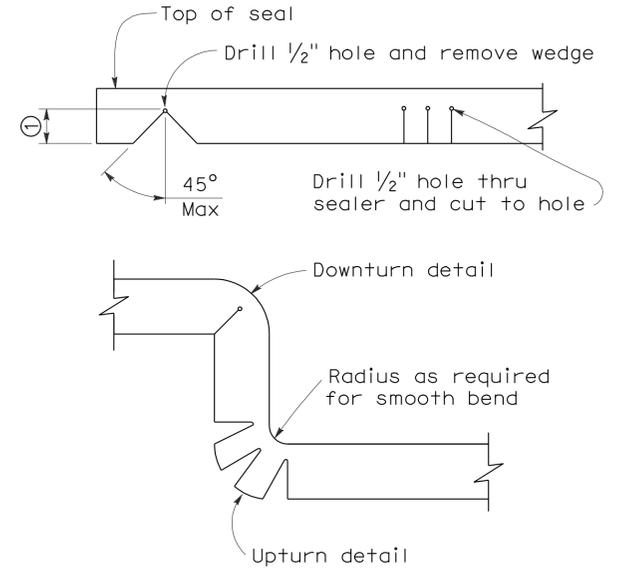
PLAN OF JOINT (SKEW ≤ 20°)

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



PLAN OF JOINT (SKEW > 20°)

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



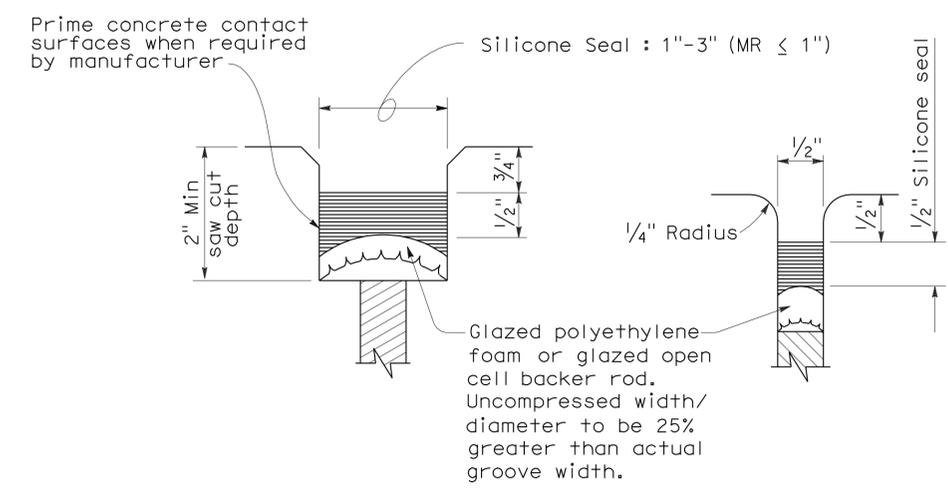
DETAIL A

NOTES:

- 1 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.
- 2 Opening in barrier to match width of sawn deck joint.
- 3 Sawcut groove widths shall be as ordered by the Engineer.
- 4 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.
- 5 MR (movement rating) as shown on other plan sheets.
- 6 Other depths must be approved by the Engineer.

DIMENSIONS "a" OF JOINT REQUIRED

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

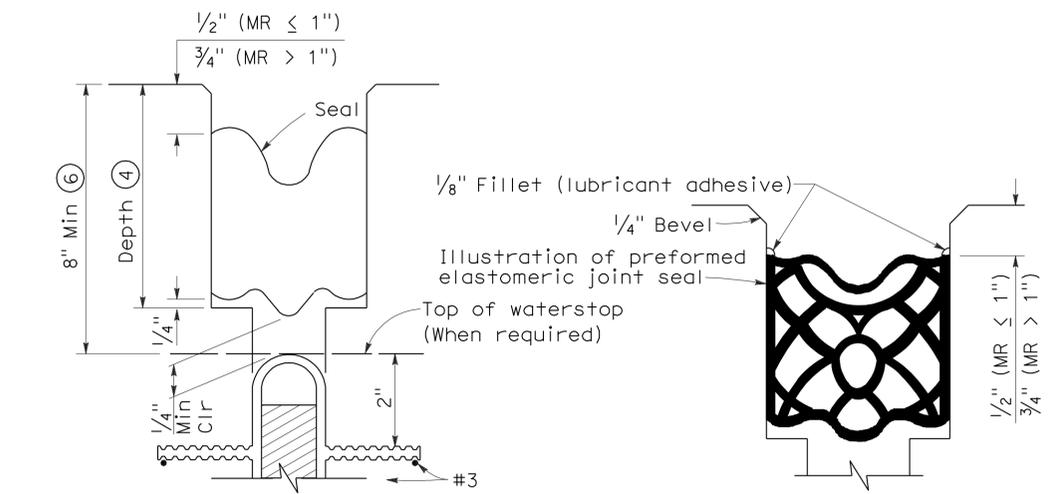


TYPE A SEAL

Movement rating : Silicone = 1" Max

TYPE AL SEAL

Longitudinal joints only



TYPE B JOINT SEAL IN MINIMUM WIDTH POSITION (W₂)

TYPE B SEAL

Movement Rating ≤ 2"

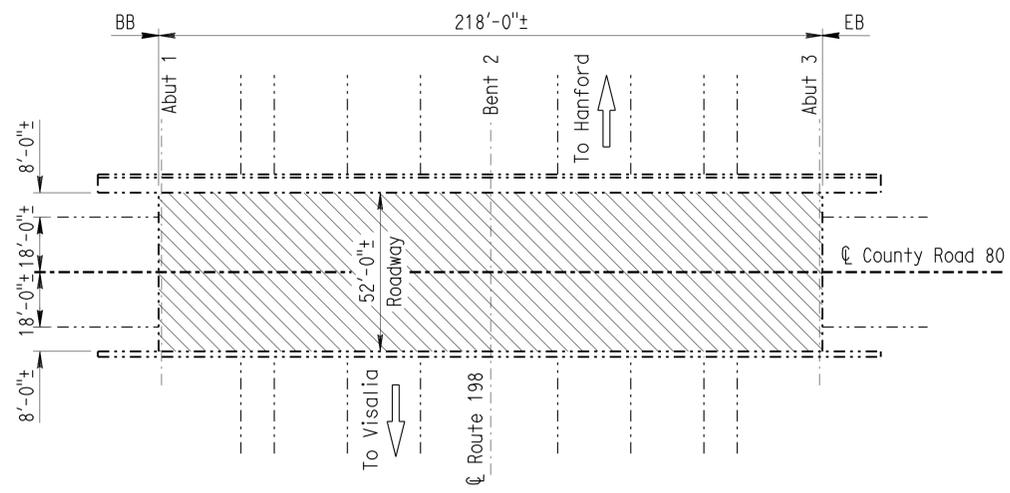
STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
JOINT SEALS
(MAXIMUM MOVEMENT RATING = 2")
 NO SCALE

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

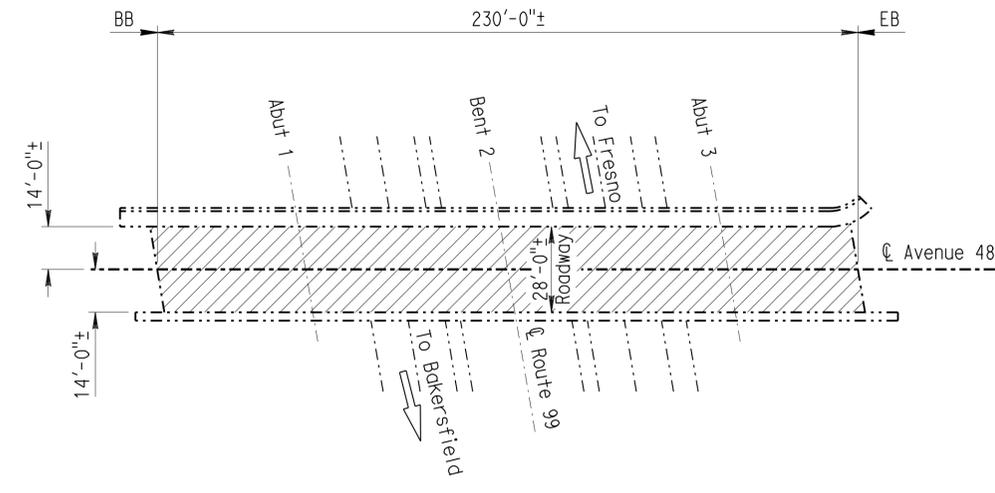
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Tul	65, 99, 137, 198	Var	10	16

6-1-10
 REGISTERED CIVIL ENGINEER DATE
 11-29-10
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER
 HOSSEIN MOAZAMI
 No. C 60058
 Exp. 6-30-10
 CIVIL
 STATE OF CALIFORNIA



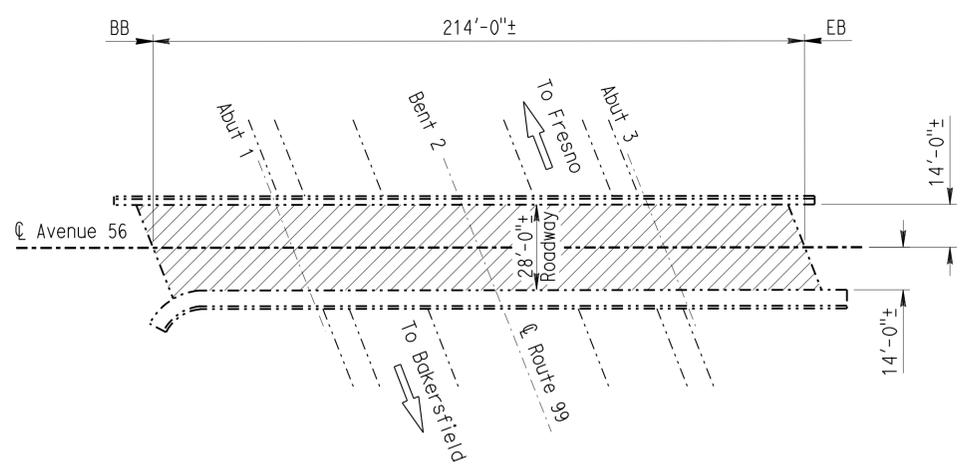
COUNTY ROAD 80 OVERCROSSING
 Br No. 46-0237, TUL, ROUTE 198, PM R4.80
 1' = 30'



AVENUE 48 OVERCROSSING
 Br No. 46-0165, TUL, ROUTE 99, PM 6.15
 1' = 30'

LEGEND: (APPLY TO ALL SHEETS)
 ----- Indicates existing structure.

LEGEND: (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. For details see "DECK REPAIR DETAIL" on JOINT SEAL & DECK REPAIR DETAILS sheet.
 Indicates limits of remove existing epoxy chip seal, clean and treat bridge deck with high molecular weight methacrylate. Remove unsound concrete and patch with rapid setting concrete prior to bridge deck treatment. For details see "DECK REPAIR DETAIL" on JOINT SEAL & DECK REPAIR DETAILS sheet.



AVENUE 56 OVERCROSSING
 Br No. 46-0167, TUL, ROUTE 99, PM 7.17
 1' = 30'

COUNTY ROAD 80 OC 46-0237
QUANTITIES

REMOVE EPOXY CHIP SEAL	11,336	SQFT
REMOVE UNSOUND CONCRETE	29	CF
CLEAN BRIDGE DECK	11,336	SQFT
RAPID SETTING CONCRETE (PATCH)	29	CF
TREAT BRIDGE DECK	11,336	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	127	GAL

AVENUE 48 OC 46-0165
QUANTITIES

REMOVE UNSOUND CONCRETE	17	CF
CLEAN BRIDGE DECK	6,440	SQFT
RAPID SETTING CONCRETE (PATCH)	17	CF
TREAT BRIDGE DECK	6,440	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	74	GAL
PUBLIC SAFETY PLAN	LUMP	SUM

AVENUE 56 OC 46-0167
QUANTITIES

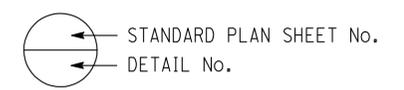
REMOVE UNSOUND CONCRETE	16	CF
CLEAN BRIDGE DECK	5,992	SQFT
RAPID SETTING CONCRETE (PATCH)	16	CF
TREAT BRIDGE DECK	5,992	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	67	GAL

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	JOINT SEAL & DECK REPAIR DETAILS

STANDARD PLANS DATED MAY 2006

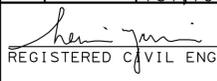
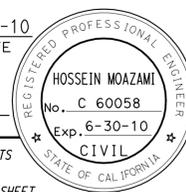
SHEET No.	TITLE
A10A	ACRONYMS AND ABBREVIATIONS (SHEET 1 OF 2)
A10B	ACRONYMS AND ABBREVIATIONS (SHEET 2 OF 2)
RSP B6-21	JOINT SEALS (MAXIMUM MOVEMENT RATING = 2")
A10C	SYMBOLS (SHEET 1 OF 2)
A10D	SYMBOLS (SHEET 2 OF 2)

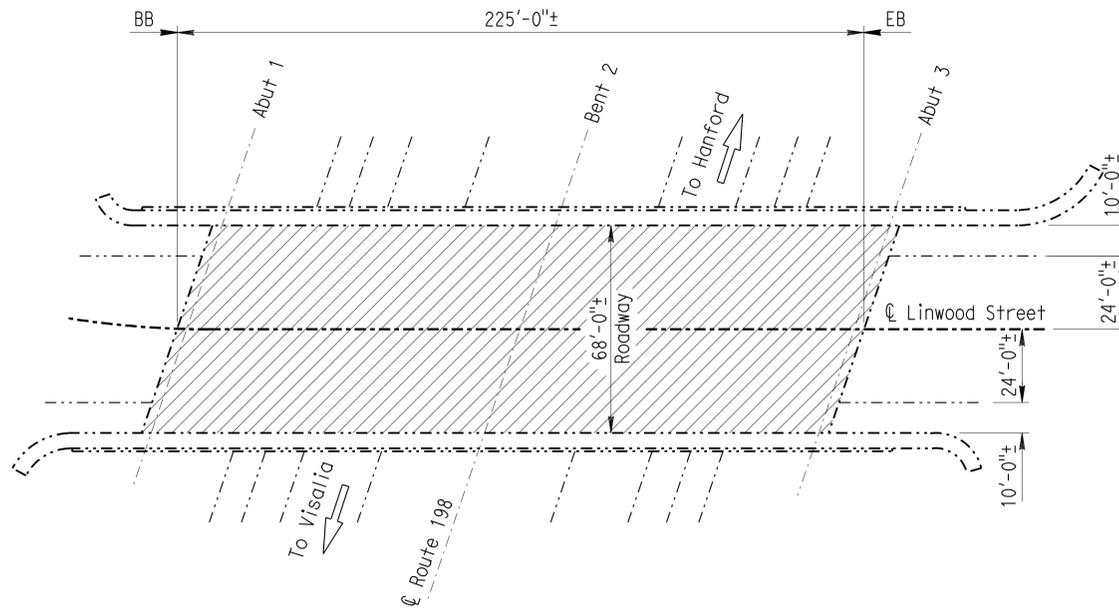


THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

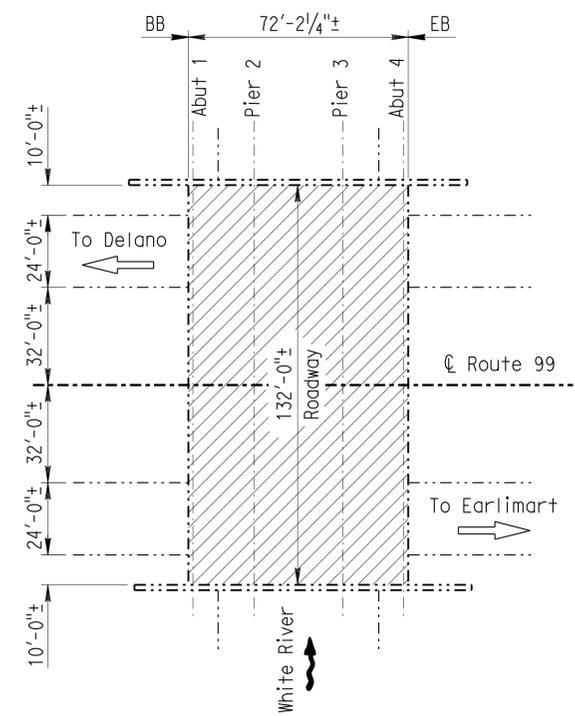
 6-1-10 DESIGN ENGINEER	DESIGN	BY K. Truong	CHECKED H. Moazami	LAYOUT	BY M. Hallstrom	CHECKED H. Moazami	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	VARIOUS	ROUTE 65, 99, 137 & 198 BRIDGES GENERAL PLAN NO. 1
	DETAILS	BY M. Hallstrom	CHECKED H. Moazami	SPECIFICATIONS	BY E. Franciliso	PLANS AND SPECIFICATIONS COMPARED E. Franciliso			POST MILE	VARIES	
	QUANTITIES	BY K. Truong	CHECKED H. Moazami	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	CU 06 EA OK4401			DISREGARD PRINTS BEARING EARLIER REVISION DATES	2-10-10	

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)
 FILE => 06-0k4401_01gp1.dgn

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Tul	65, 99, 137, 198	Var	11	16
 REGISTERED CIVIL ENGINEER			6-1-10	DATE	
11-29-10 PLANS APPROVAL DATE					
<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>					



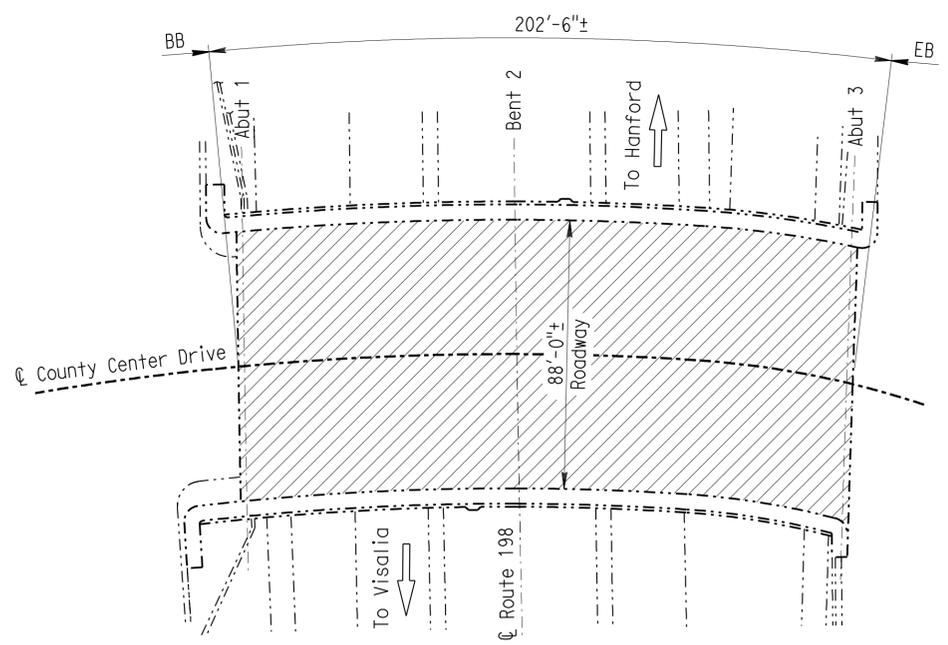
LINWOOD STREET OVERCROSSING
 Br No. 46-0252, TUL, ROUTE 198, PM 7.26
 1' = 30'



WHITE RIVER SINK
 Br No. 46-0258, TUL, ROUTE 99, PM 4.56
 1' = 30'

LEGEND: (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. For details see "DECK REPAIR DETAIL" on JOINT SEAL & DECK REPAIR DETAILS sheet.



COUNTY CENTER DRIVE OVERCROSSING
 Br No. 46-0255, TUL, ROUTE 198, PM 8.10
 1' = 30'

LINWOOD St. OC 46-0252		
QUANTITIES		
REMOVE UNSOUND CONCRETE	39	CF
CLEAN BRIDGE DECK	15,300	SQFT
RAPID SETTING CONCRETE (PATCH)	39	CF
TREAT BRIDGE DECK	15,300	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	171	GAL
PUBLIC SAFETY PLAN	LUMP	SUM
WHITE RIVER SINK 46-0258		
QUANTITIES		
REMOVE UNSOUND CONCRETE	24	CF
CLEAN BRIDGE DECK	9,532	SQFT
RAPID SETTING CONCRETE (PATCH)	24	CF
TREAT BRIDGE DECK	9,532	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	106	GAL
COUNTY CENTER Dr. OC 46-0255		
QUANTITIES		
REMOVE UNSOUND CONCRETE	45	CF
CLEAN BRIDGE DECK	17,820	SQFT
RAPID SETTING CONCRETE (PATCH)	45	CF
TREAT BRIDGE DECK	17,820	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	199	GAL
PUBLIC SAFETY PLAN	LUMP	SUM

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

 DESIGN ENGINEER	DESIGN	BY: K. Truong	CHECKED: H. Moazami	LAYOUT	BY: Hallstrom	CHECKED: H. Moazami	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTE 65, 99, 137 & 198 BRIDGES GENERAL PLAN NO. 2
	DETAILS	BY: Hallstrom	CHECKED: H. Moazami	SPECIFICATIONS	BY: E. Franciliso	CHECKED: E. Franciliso			VARIOUS	
QUANTITIES	BY: K. Truong	CHECKED: H. Moazami				PLANS AND SPECIFICATIONS COMPARED	DEPARTMENT OF TRANSPORTATION STRUCTURE MAINTENANCE DESIGN	POST MILE	VARIOUS VARIOUS	SHEET 2 OF 7
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)							ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	CU 06 EA OK4401	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES 2-10-10

USERNAME => P1007110 DATE PLOTTED => 01-DEC-2010 TIME PLOTTED => 07:40

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Tul	65, 99, 137, 198	Var	12	16

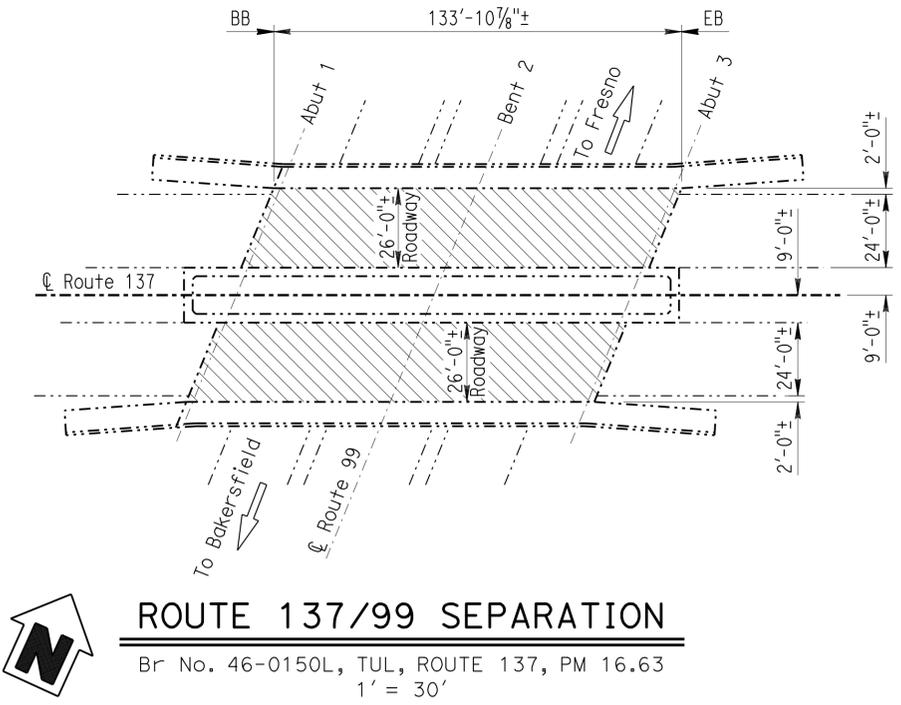
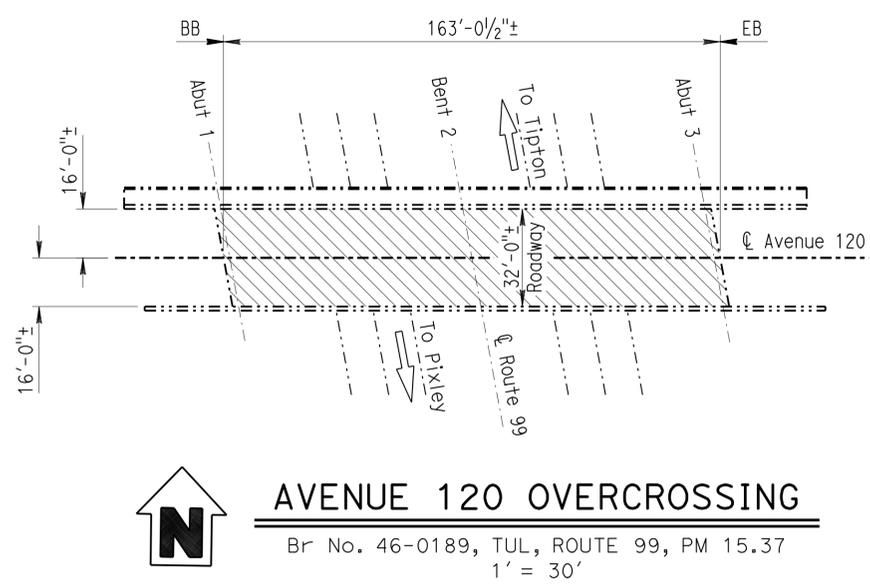
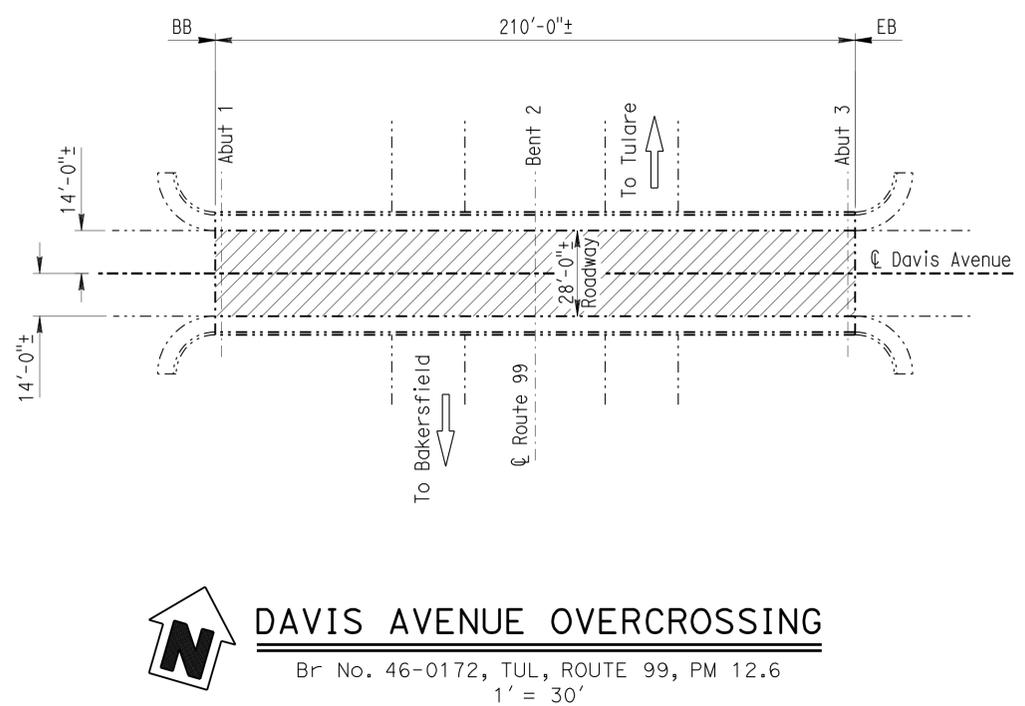
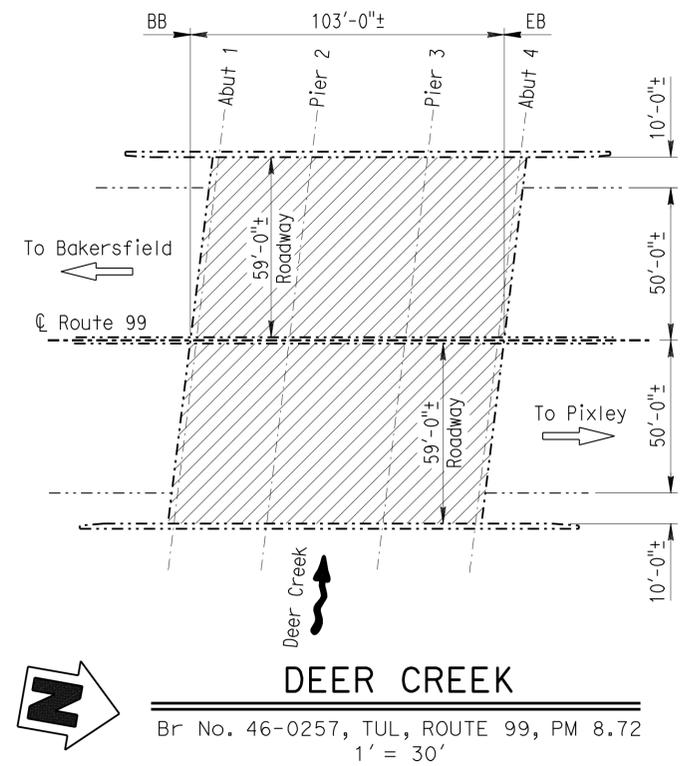
6-1-10
 REGISTERED CIVIL ENGINEER DATE
 11-29-10
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

HOSSEIN MOAZAMI
 No. C 60058
 Exp. 6-30-10
 CIVIL
 STATE OF CALIFORNIA

LEGEND: (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. For details see "DECK REPAIR DETAIL" on JOINT SEAL & DECK REPAIR DETAILS sheet.

 Indicates limits of remove existing epoxy chip seal, clean and treat bridge deck with high molecular weight methacrylate. Remove unsound concrete and patch with rapid setting concrete prior to bridge deck treatment. For details see "DECK REPAIR DETAIL" on JOINT SEAL & DECK REPAIR DETAILS sheet.



DEER CREEK 46-0257 QUANTITIES	
REMOVE UNSOUND CONCRETE	31 CF
CLEAN BRIDGE DECK	12,154 SQFT
RAPID SETTING CONCRETE (PATCH)	31 CF
TREAT BRIDGE DECK	12,154 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	136 GAL
DAVIS AVENUE OC 46-0172 QUANTITIES	
REMOVE UNSOUND CONCRETE	15 CF
CLEAN BRIDGE DECK	5,880 SQFT
RAPID SETTING CONCRETE (PATCH)	15 CF
TREAT BRIDGE DECK	5,880 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	66 GAL
PUBLIC SAFETY PLAN	LUMP SUM
AVENUE 120 OC 46-0189 QUANTITIES	
REMOVE EPOXY CHIP SEAL	5,218 SQFT
REMOVE UNSOUND CONCRETE	13 CF
CLEAN BRIDGE DECK	5,218 SQFT
RAPID SETTING CONCRETE (PATCH)	13 CF
TREAT BRIDGE DECK	5,218 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	58 GAL
ROUTE 137/99 SEPARATION 46-0150L QUANTITIES	
REMOVE EPOXY CHIP SEAL	6,964 SQFT
REMOVE UNSOUND CONCRETE	18 CF
CLEAN BRIDGE DECK	6,964 SQFT
RAPID SETTING CONCRETE (PATCH)	18 CF
TREAT BRIDGE DECK	6,964 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	78 GAL

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

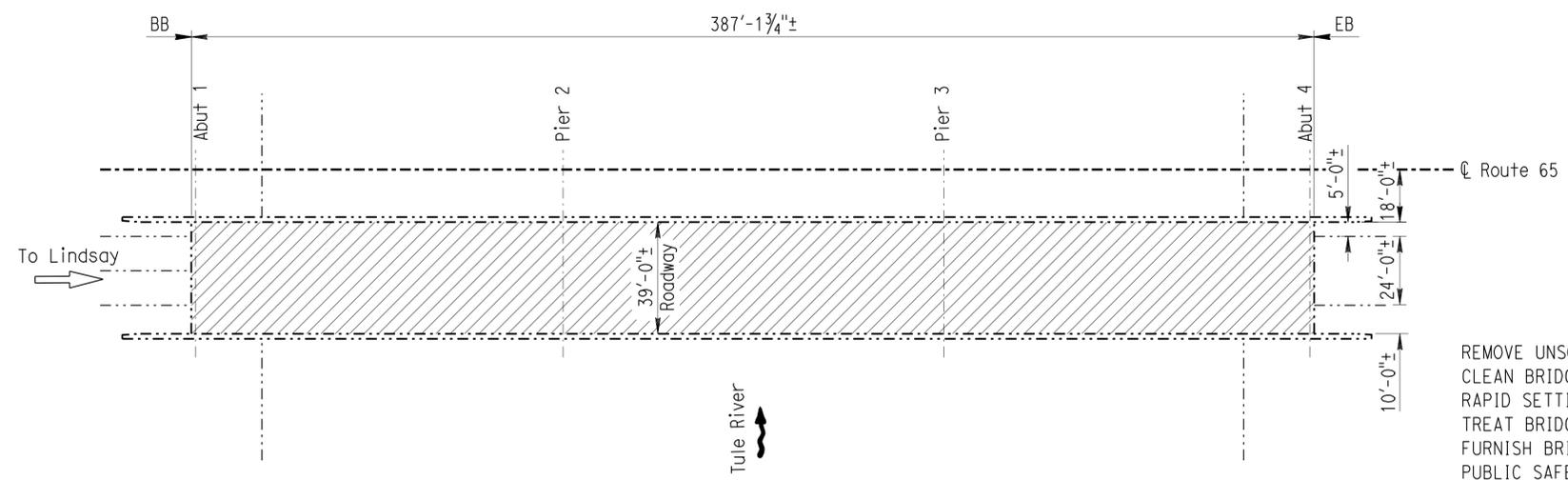
 DESIGN ENGINEER 6-1-10	DESIGN	BY: K. Truong	CHECKED: H. Moazami	LAYOUT	BY: Hallstrom	CHECKED: H. Moazami	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTE 65, 99, 137 & 198 BRIDGES GENERAL PLAN NO. 3
	DETAILS	BY: Hallstrom	CHECKED: H. Moazami	SPECIFICATIONS	BY: E. Franciliso	CHECKED: E. Franciliso			VARIOUS	
	QUANTITIES	BY: K. Truong	CHECKED: H. Moazami						POST MILE	
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)							ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CU 06 EA OK4401	VARIES	REVISION DATES
							0 1 2 3	DISREGARD PRINTS BEARING EARLIER REVISION DATES	2-10-10	SHEET 3 OF 7

FILE => 06-0k4401_03gp3.dgn

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Tul	65, 99, 137, 198	Var	13	16

6-1-10
 REGISTERED CIVIL ENGINEER DATE
 11-29-10
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER
 HOSSEIN MOAZAMI
 No. C 60058
 Exp. 6-30-10
 CIVIL
 STATE OF CALIFORNIA



TULE RIVER
 Br No. 46-0259R, TUL, ROUTE 65, PM 18.72
 1' = 30'

TULE RIVER 46-0259R
QUANTITIES

REMOVE UNSOUND CONCRETE	38	CF
CLEAN BRIDGE DECK	15,100	SQFT
RAPID SETTING CONCRETE (PATCH)	38	CF
TREAT BRIDGE DECK	15,100	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	169	GAL
PUBLIC SAFETY PLAN		LUMP SUM

AVENUE 152 OC 46-0191
QUANTITIES

REMOVE EPOXY CHIP SEAL	6,206	SQFT
REMOVE UNSOUND CONCRETE	16	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	6,206	SQFT
CLEAN EXPANSION JOINT	73	LF
RAPID SETTING CONCRETE (PATCH)	16	CF
FURNISH POLYESTER CONCRETE OVERLAY	466	CF
PLACE POLYESTER CONCRETE OVERLAY	6,206	SQFT
JOINT SEAL (MR 1")	73	LF

SOUTH BRANCH TULE RIVER 46-0056R
QUANTITIES

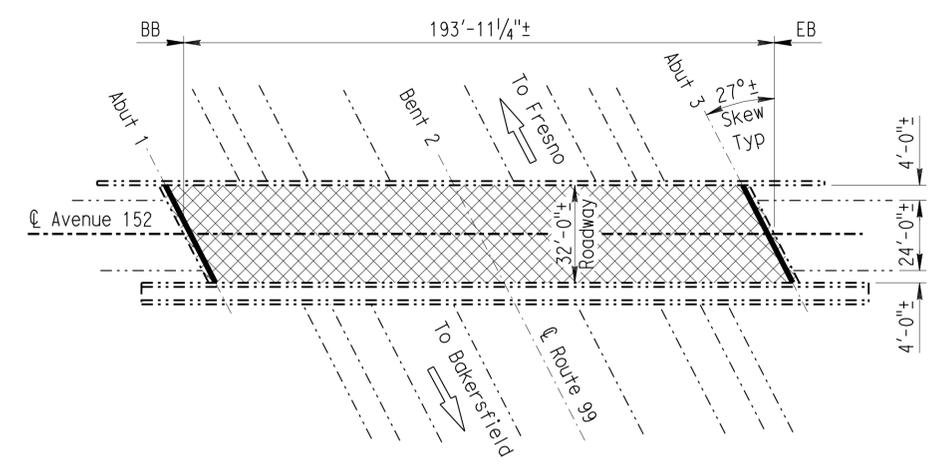
CLEAN EXPANSION JOINT	117	LF
JOINT SEAL (MR 1")	117	LF

LEGEND: (APPLY TO THIS SHEET ONLY)

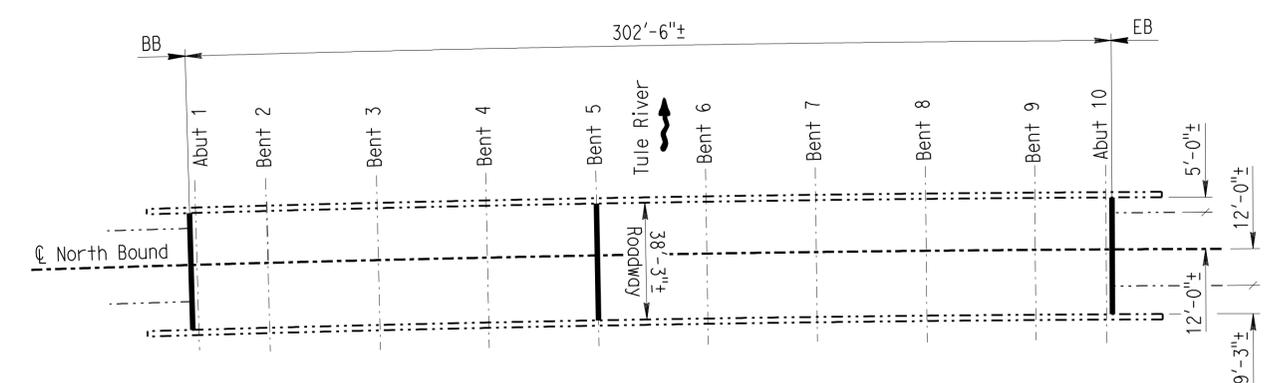
Indicates limits of clean and treat bridge deck with high molecular weight methacrylate. Remove unsound concrete and patch with rapid setting concrete prior to bridge deck treatment. For details see "DECK REPAIR DETAIL" on JOINT SEAL & DECK REPAIR DETAILS sheet.

Indicates limits of remove existing epoxy chip seal, prepare concrete bridge deck surface, furnish and place new 3/4" minimum depth polyester concrete overlay. Remove unsound concrete and patch with rapid setting concrete prior to placing new polyester concrete overlay. For details see "DECK REPAIR DETAIL" on JOINT SEAL & DECK REPAIR DETAILS sheet.

Indicates limits of remove existing joint seal and place new joint seal. For details see JOINT SEAL & DECK REPAIR DETAILS sheet.



AVENUE 152 OVERCROSSING
 Br No. 46-0191, TUL, ROUTE 99, PM 19.46
 1' = 30'
 MR = 1"



SOUTH BRANCH TULE RIVER
 Br No. 46-0056R, TUL, ROUTE 99, PM 21.43
 1' = 30'
 MR = 1"

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

 6-1-10 DESIGN ENGINEER	DESIGN	BY: K. Truong	CHECKED: H. Moazami	LAYOUT	BY: Hallstrom	CHECKED: H. Moazami	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTE 65, 99, 137 & 198 BRIDGES GENERAL PLAN NO. 4
	DETAILS	BY: Hallstrom	CHECKED: H. Moazami	SPECIFICATIONS	BY: E. Franciliso	CHECKED: E. Franciliso			POST MILE	
	QUANTITIES	BY: K. Truong	CHECKED: H. Moazami			CHECKED: E. Franciliso			VARIES	

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

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

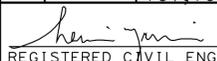
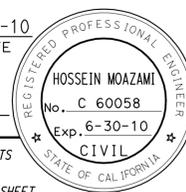
CU 06
 EA OK4401

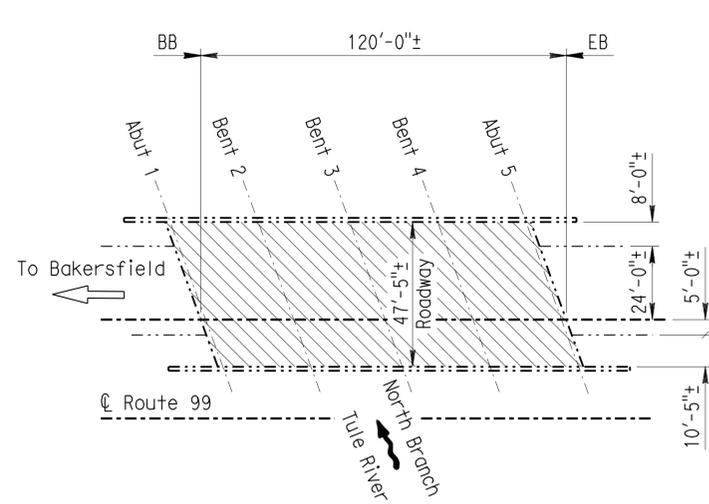
DISREGARD PRINTS BEARING EARLIER REVISION DATES → 2-10-10

REVISION DATES:

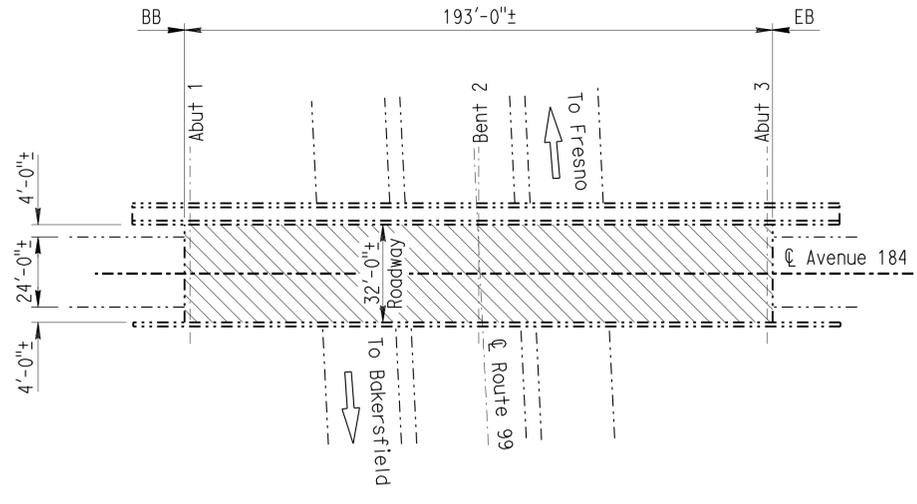
SHEET 4 OF 7

FILE => 06-0k4401_04gp4.dgn

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Tul	65, 99, 137, 198	Var	14	16
 REGISTERED CIVIL ENGINEER			6-1-10	DATE	
11-29-10 PLANS APPROVAL DATE					
<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>					



NORTH BRANCH TULE RIVER
 Br No. 46-0059L, TUL, ROUTE 99, PM 22.74
 1' = 30'

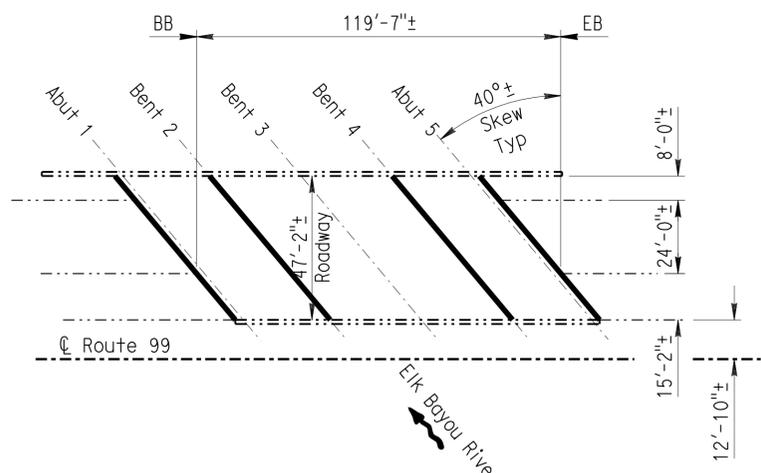


AVENUE 184 OVERCROSSING
 Br No. 46-0192, TUL, ROUTE 99, PM 23.49
 1' = 30'

LEGEND: (APPLY TO THIS SHEET ONLY)

 Indicates limits of remove existing epoxy chip seal, clean and treat bridge deck with high molecular weight methacrylate. Remove unsound concrete and patch with rapid setting concrete prior to bridge deck treatment. For details see "DECK REPAIR DETAIL" on JOINT SEAL & DECK REPAIR DETAILS sheet.

 Indicates limits of remove existing joint seal and place new joint seal. For details see JOINT SEAL & DECK REPAIR DETAILS sheet.



ELK BAYOU
 Br No. 46-0060L, TUL, ROUTE 99, PM 25.01
 1' = 30'
 MR = 1/2"

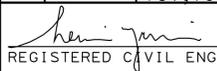
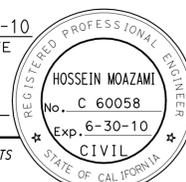
NORTH BRANCH TULE RIVER 46-0059L		
QUANTITIES		
REMOVE EPOXY CHIP SEAL	5,691	SQFT
REMOVE UNSOUND CONCRETE	15	CF
CLEAN BRIDGE DECK	5,691	SQFT
RAPID SETTING CONCRETE (PATCH)	15	CF
TREAT BRIDGE DECK	5,691	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	64	GAL
AVENUE 184 OC 46-0192		
QUANTITIES		
REMOVE EPOXY CHIP SEAL	6,176	SQFT
REMOVE UNSOUND CONCRETE	16	CF
CLEAN BRIDGE DECK	6,176	SQFT
RAPID SETTING CONCRETE (PATCH)	16	CF
TREAT BRIDGE DECK	6,176	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	69	GAL
ELK BAYOU 46-0060L		
QUANTITIES		
CLEAN EXPANSION JOINT	250	LF
JOINT SEAL (MR 1/2")	250	LF

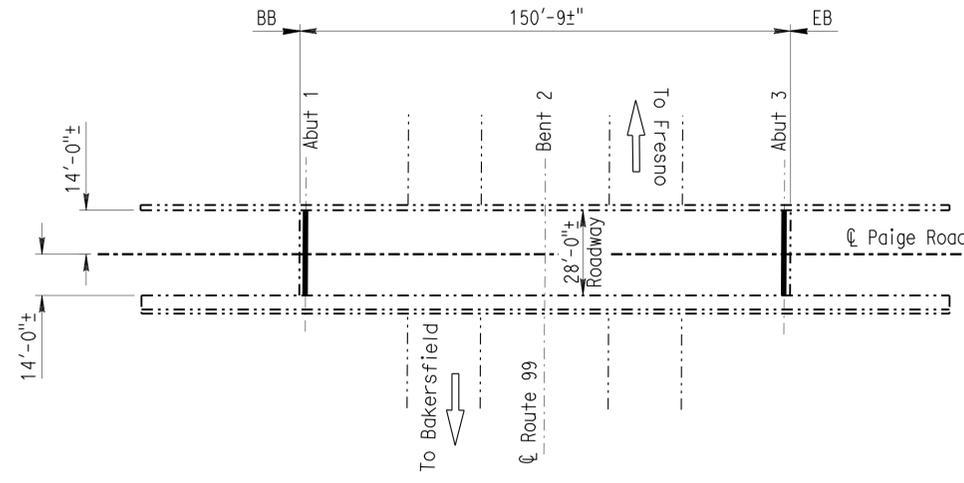
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

 6-1-10 DESIGN ENGINEER	DESIGN	BY: K. Truong	CHECKED: H. Moazami	LAYOUT	BY: Hallstrom	CHECKED: H. Moazami	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTE 65, 99, 137 & 198 BRIDGES GENERAL PLAN NO. 5
	DETAILS	BY: Hallstrom	CHECKED: H. Moazami	SPECIFICATIONS	BY: E. Franciliso	CHECKED: E. Franciliso			POST MILE	
QUANTITIES	BY: K. Truong	CHECKED: H. Moazami					CU 06 EA OK4401	VARIES	REVISION DATES	SHEET 5 OF 7

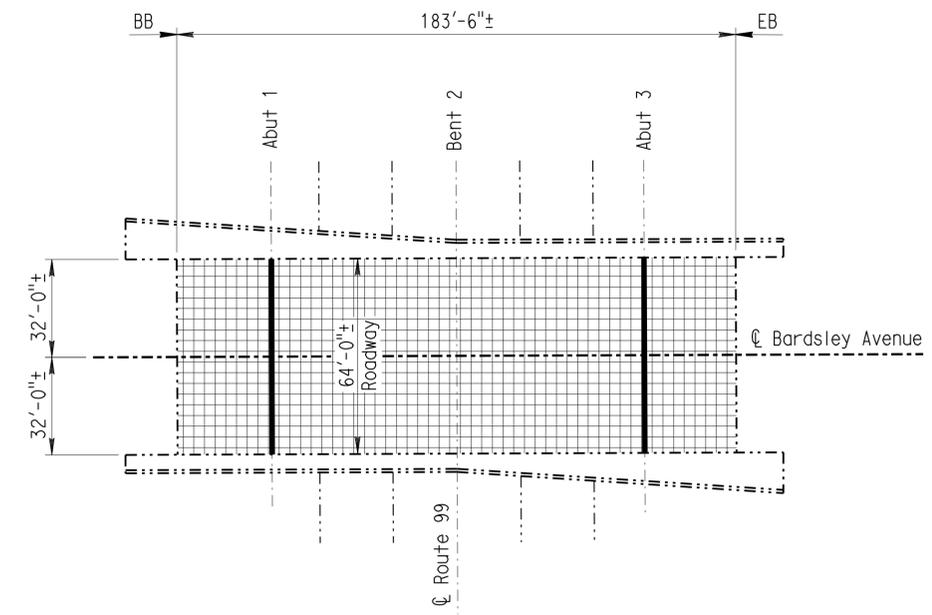
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07) ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

USERNAME => HMOAZAMI DATE PLOTTED => 01-DEC-2010 TIME PLOTTED => 07:40

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Tul	65, 99, 137, 198	Var	15	16
			6-1-10		
REGISTERED CIVIL ENGINEER			DATE		
PLANS APPROVAL DATE			11-29-10		
<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>					



PAIGE ROAD OVERCROSSING
 Br No. 46-0158, TUL, ROUTE 99, PM 27.6
 1' = 30'
 MR = 1"



BARDSLEY AVENUE OVERCROSSING
 Br No. 46-0159, TUL, ROUTE 99, PM 28.61
 1' = 30'
 MR = 1"

LEGEND: (APPLY TO THIS SHEET ONLY)

 Indicates limits of remove existing asphalt concrete overlay, prepare concrete bridge deck surface and place new 2" minimum depth HMA overlay. Remove unsound concrete and patch with rapid setting concrete prior to placing new asphalt concrete overlay. For details see "DECK REPAIR DETAIL" on JOINT SEAL & DECK REPAIR DETAILS sheet.

 Indicates limits of remove existing joint seal and place new joint seal. For details see JOINT SEAL & DECK REPAIR DETAILS sheet.

PAIGE Rd OC 46-0158		
QUANTITIES		
CLEAN EXPANSION JOINT	57	LF
JOINT SEAL (MR 1")	57	LF
BARDSLEY Ave OC 46-0159		
QUANTITIES		
REMOVE ASPHALT CONCRETE SURFACING	11,744	SQFT
REMOVE UNSOUND CONCRETE	30	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	11,744	SQFT
HOT MIX ASPHALT (TYPE B)	147	TON
CLEAN EXPANSION JOINT	129	LF
RAPID SETTING CONCRETE (PATCH)	30	CF
JOINT SEAL (MR 1")	129	LF

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

 DESIGN ENGINEER 6-1-10	DESIGN	BY: K. Truong	CHECKED: H. Moazami	LAYOUT	BY: Hallstrom	CHECKED: H. Moazami	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTE 65, 99, 137 & 198 BRIDGES GENERAL PLAN NO. 6
	DETAILS	BY: Hallstrom	CHECKED: H. Moazami	SPECIFICATIONS	BY: E. Franciliso	CHECKED: E. Franciliso			VARIOUS	
	QUANTITIES	BY: K. Truong	CHECKED: H. Moazami			CHECKED: E. Franciliso			VARIES	
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)							ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	CU 06 EA OK4401	DISREGARD PRINTS BEARING EARLIER REVISION DATES
								2-10-10	REVISION DATES	SHEET 6 OF 7

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Tul	65, 99, 137, 198	Var	16	16

REGISTERED CIVIL ENGINEER	DATE
HOSSEIN MOAZAMI	6-1-10
PLANS APPROVAL DATE	
	11-29-10

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.

JOINT SEAL TABLE										
BRIDGE NAME	BRIDGE NUMBER	LOCATION		MINIMUM "MR" (inches)	APPROXIMATE LENGTH (feet)	EXISTING WATERSTOP	APPROX DEPTH TO CLEAN EXPANSION JOINT (inches)	APPROXIMATE DEPTH OF JOINT SPALLS (inches)	APPROXIMATE WIDTH OF JOINT SPALLS (inches)	APPROXIMATE LENGTH OF JOINT SPALLS (feet)
		Abutment	Backwall							
AVENUE 152 OVERCROSSING	46-0191	Abut 1	BW	1	36.5	Yes	6.0	3	6	5
		Abut 3	BW	1	36.5	Yes	6.0	3	6	5
SOUTH BRANCH TULE RIVER	46-0056R	Abut 1	BB	1	38.8	No	12.0	3	6	5
		Bent 5	℄	1	38.8	No	12.0	3	6	5
		Abut 10	EB	1	38.8	No	12.0	3	6	5
ELK BAYOU	46-0060L	Abut 1	BB	1/2	61.9	No	12.0	3	6	5
		Bent 2	℄	1/2	61.9	No	12.0	3	6	5
		Bent 4	℄	1/2	61.9	No	12.0	3	6	5
		Abut 5	EB	1/2	61.9	No	12.0	3	6	5
PAIGE ROAD OVERCROSSING	46-0158	Abut 1	BW	1	28.5	No	12.0	3	6	5
		Abut 3	BW	1	28.5	No	12.0	3	6	5
BARDSLEY AVENUE OVERCROSSING	46-0159	Abut 1	BW	1	64.5	No	12.0	3	6	5
		Abut 3	BW	1	64.5	No	12.0	3	6	5

LEGEND:
 BW = Abutment Backwall
 BB = Paving notch at beginning of bridge
 EB = Paving notch at end of bridge
 ℄ = Bent joint

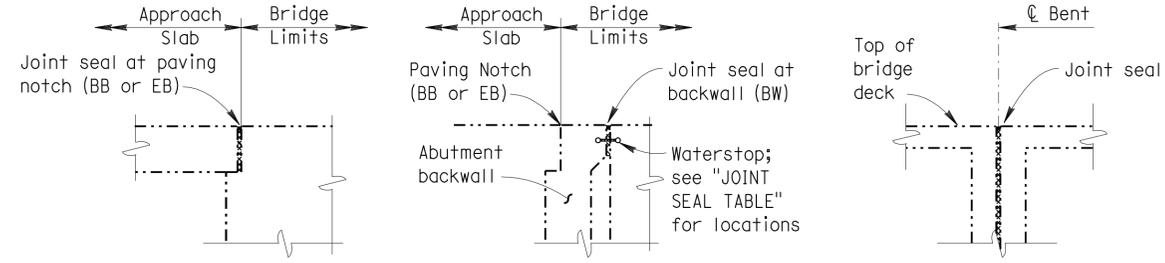
NOTES:
 The following note applies to JOINT SEAL TYPE A:
 Install seal 3" up into curb or rail on the low side of the deck where joint matches curb or rail joint. For details not shown see RSP B6-21

- The following notes apply to JOINT SEAL TYPE B:
- Seal must satisfy both minimum Movement Rating (MR) and minimum W1 requirements.
 - Minimum W1 is the calculated maximum width of the joint based on field measurements. After the joints have been cleaned, minimum W1 is to be calculated by the Engineer.
 - W1 shall be the smaller of the values determined as follows:
 - 0.85 times the manufacturer's designed minimum uncompressed width of the seal.
 - The width of the seal on the third successive test cycle of the pressure deflection test, when compressed to an average pressure of 3 psi.
 - Bend seal 6" up into curb or rail on the low side of the deck where deck joint matches curb or rail joint.
 - For details not shown see RSP B6-21

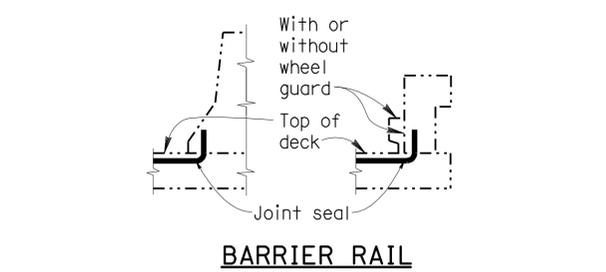
**DECK REPAIR TABLE
 REMOVE UNSOUND CONCRETE AND RAPID SETTING CONCRETE (PATCH)**

BRIDGE NAME	BRIDGE NUMBER	APPROXIMATE AREA DAMAGED (PERCENT)	APPROXIMATE DEPTH (INCHES)
COUNTY ROAD 80 OC	46-0237	1	3
AVENUE 48 OC	46-0165	1	3
AVENUE 56 OC	46-0167	1	3
LINWOOD STREET OC	46-0252	1	3
WHITE RIVER SINK	46-0258	1	3
COUNTY CENTER DRIVE OC	46-0255	1	3
DEER CREEK	46-0257	1	3
DAVIS AVENUE OC	46-0172	1	3
AVENUE 120 OC	46-0189	1	3
ROUTE 137/99 SEPARATION	46-0150L	1	3
TULE RIVER	46-0259R	1	3
AVENUE 120 OC	46-0191	1	3
NORTH BRANCH TULE RIVER	46-0059L	1	3
AVENUE 184 OC	46-0192	1	3
BARDSLEY AVENUE OC	46-0159	1	3

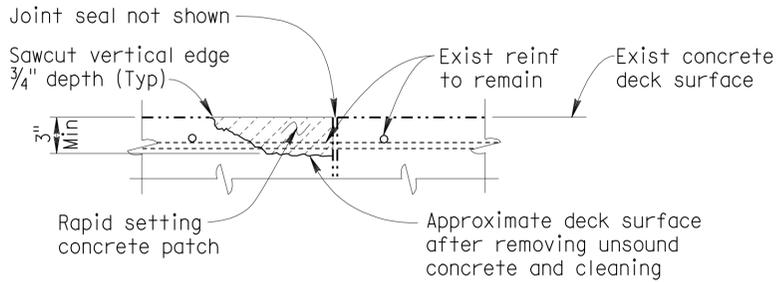
Locations to be determined by the engineer. For details see "DECK REPAIR DETAIL".



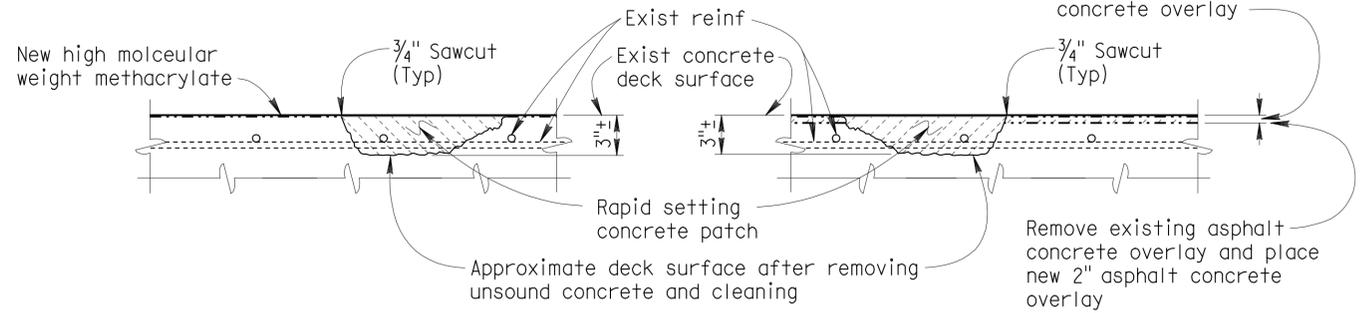
DIAPHRAGM ABUTMENT ABUTMENT WITH BACKWALL BENT
JOINT SEAL LOCATION
 NO SCALE



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 SPALL REPAIR DETAIL
 Reinforcement may be encountered during deck concrete removal and is to remain undamaged.
 NO SCALE



TREAT DECK POLYESTER AND ASPHALT CONCRETE OVERLAY
DECK REPAIR DETAIL
 Reinforcement may be encountered during deck concrete removal and is to remain undamaged.
 NO SCALE

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	DETAILS	BY Hallstrom	CHECKED H. Moazami			VARIOUS	
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						VARIES	JOINT SEAL & DECK REPAIR DETAILS
	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0	1	2	3	CU 06 EA OK4401	DISREGARD PRINTS BEARING EARLIER REVISION DATES → 2-10-10
							REVISION DATES
							SHEET 7 OF 7