

INDEX OF PLANS

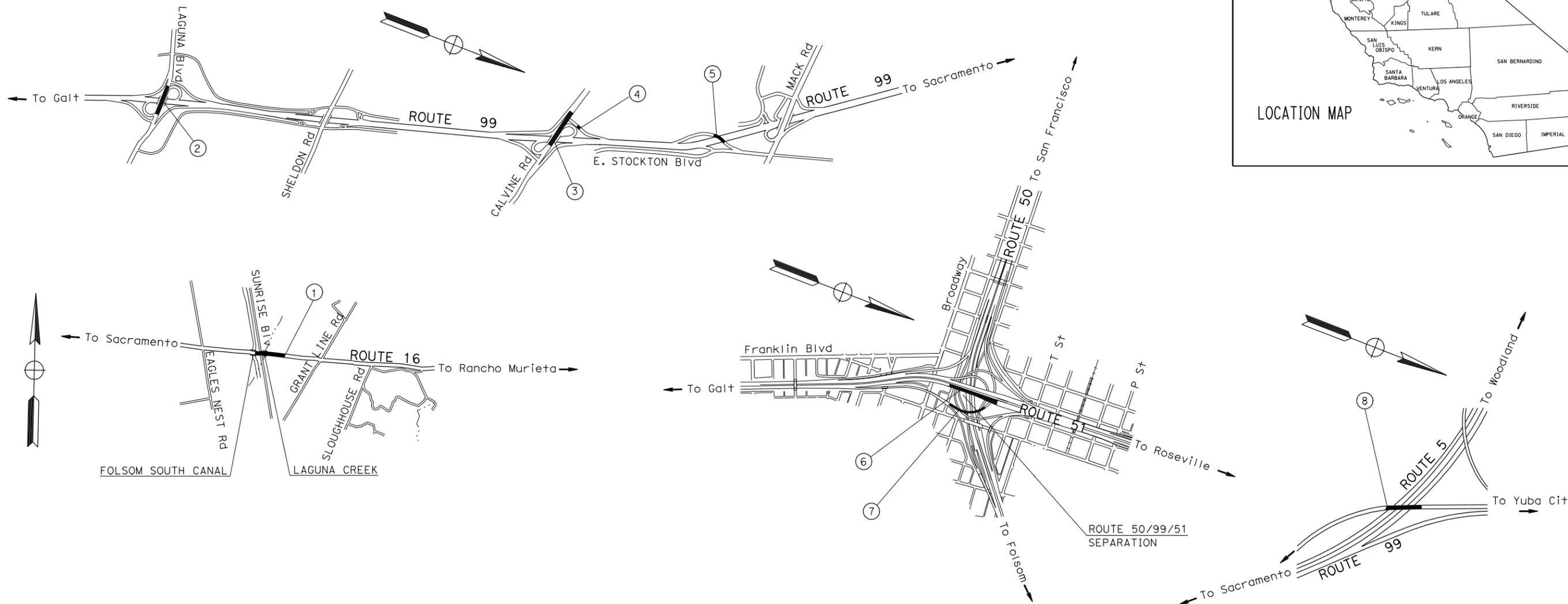
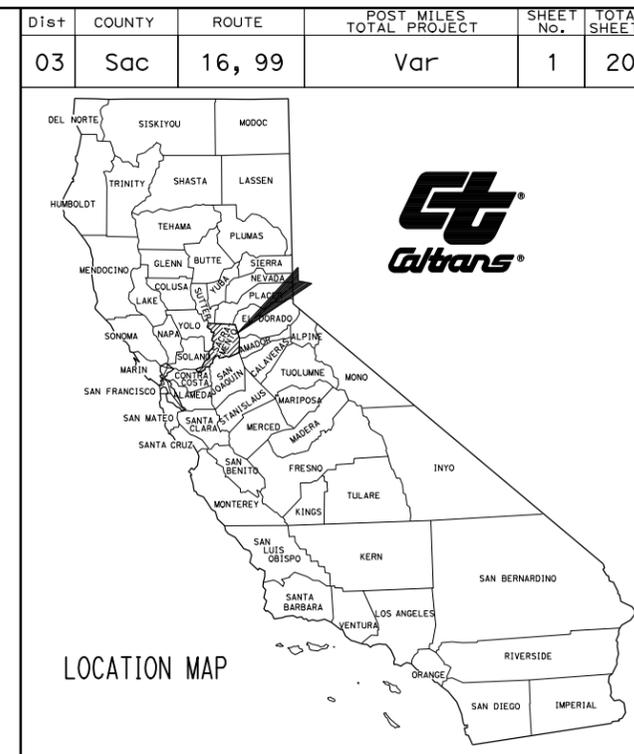
SHEET No.	DESCRIPTION
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2	CONSTRUCTION DETAILS
3-5	CONSTRUCTION AREA SIGNS
6-7	MOTORIST INFORMATION PLAN
8	PAVEMENT DELINEATION QUANTITIES
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STRUCTURE PLANS	
14-20	ROUTE 16 AND 99 BRIDGES

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

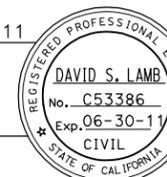
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN SACRAMENTO COUNTY
AT VARIOUS LOCATIONS

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



Loc	COUNTY	ROUTE	PM	BRIDGE NUMBER	STRUCTURE NAME
1	Sac	16	R11.53	24-0343	LAGUNA CREEK
2	Sac	99	13.66	24-0358	LAGUNA BOULEVARD OC
3	Sac	99	15.80	24-0360	CALVINE ROAD OC
4	Sac	99	16.35	24-0016K	STRAWBERRY CREEK
5	Sac	99	17.24	24-0134K	STOCKTON BOULEVARD OC
6	Sac	99	R24.27	24-0231R	OAK PARK SEPARATION
7	Sac	99	R24.34	24-0222G	EAST CONNECTOR OC
8	Sac	99	R32.12	24-0241F	S99-S5 CONNECTOR OC

D.S. Lamb 3-2-11
 PROJECT ENGINEER DATE
 REGISTERED CIVIL ENGINEER



March 2, 2011
 PLANS APPROVAL DATE

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

CONTRACT No.	03-3M6904
PROJECT ID	0300000592

PROJECT MANAGER
BRIAN D. TOEPFER

DESIGN ENGINEER
BRIAN D. TOEPFER

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

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC
 FUNCTIONAL SUPERVISOR
 JOSEPH W. HORTON
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

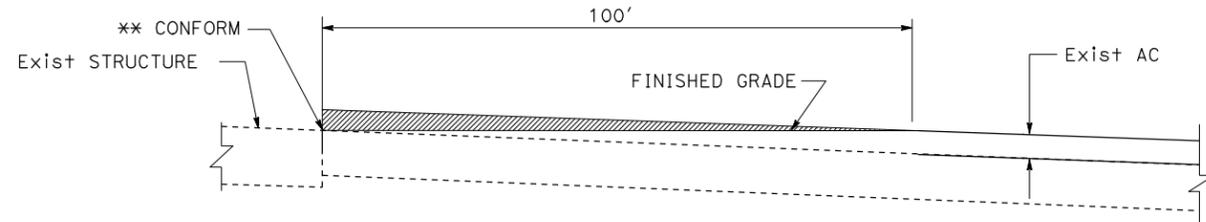
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sac	16, 99	Var	2	20

D.S. Lamb 3-2-11
 REGISTERED CIVIL ENGINEER DATE
 3-2-11
 PLANS APPROVAL DATE

DAVID S. LAMB
 No. C53386
 Exp. 6-30-11
 CIVIL
 STATE OF CALIFORNIA

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

LEGEND:
 LIMITS OF COLD PLANE
 AC PAVEMENT (0.25' Max)



COLD PLANE
 ** AT BB OR EB OF BRIDGE

ROADWAY QUANTITIES

LOCATION NUMBER	COUNTY AND ROUTE	BRIDGE NUMBER	DESCRIPTION	COLD PLANE AC PAVEMENT
				SQYD
5	SAC 99	24-0134K	STOCKTON BOULEVARD OC	490
7	SAC 99	24-0222G	EAST CONNECTOR OC	245
SUBTOTAL				735
TOTAL				735

CONSTRUCTION DETAILS
 NO SCALE

C-1

NOTES:

1. EXACT SIGN LOCATION TO BE DETERMINED BY THE ENGINEER.
2. THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.
3. FOR ADDITIONAL CONSTRUCTION AREA SIGNS, SEE MOTORIST INFORMATION PLAN.
4. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sac	16, 99	Var	3	20

REGISTERED CIVIL ENGINEER *D.S. Lamb* DATE 3-2-11
 PLANS APPROVAL DATE 3-2-11

REGISTERED PROFESSIONAL ENGINEER
DAVID S. LAMB
 No. C53386
 Exp. 6-30-11
 CIVIL
 STATE OF CALIFORNIA

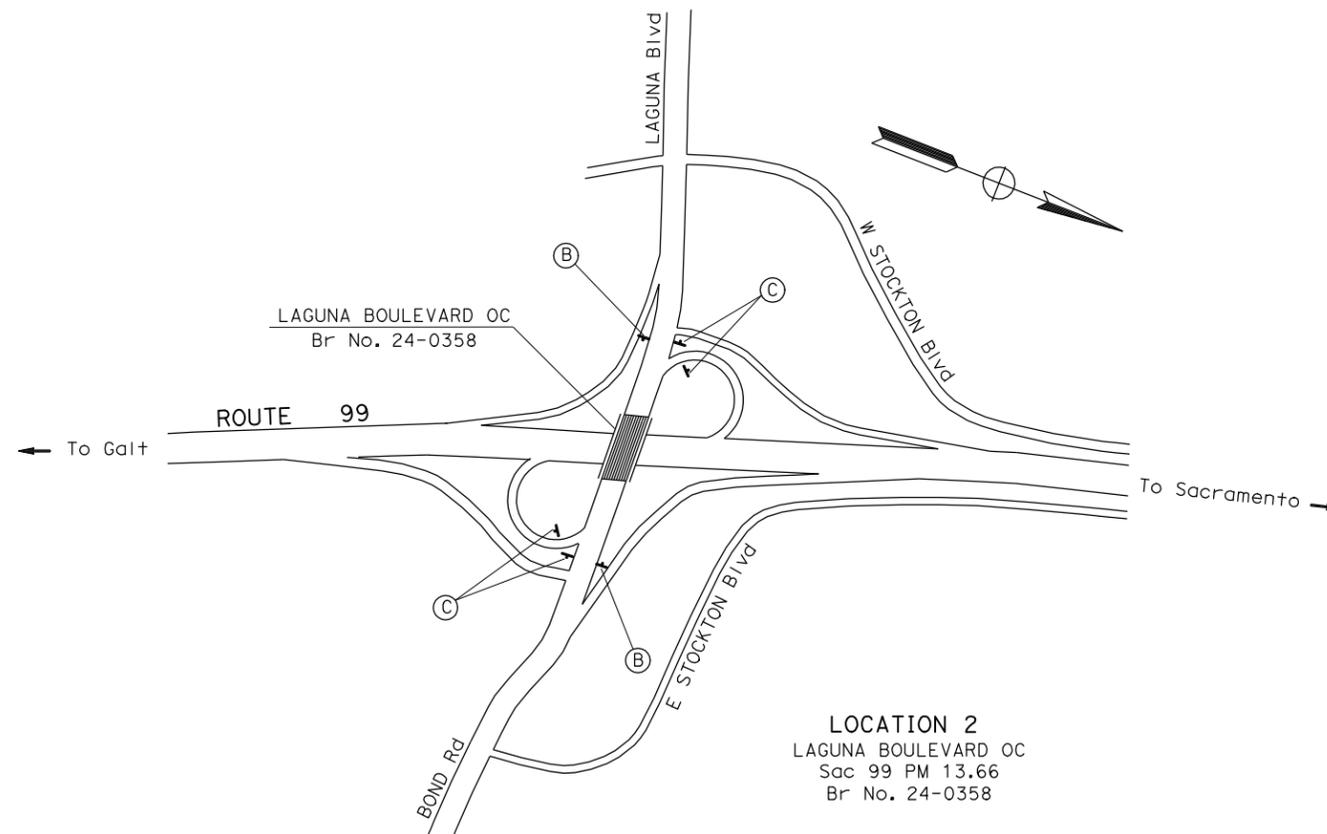
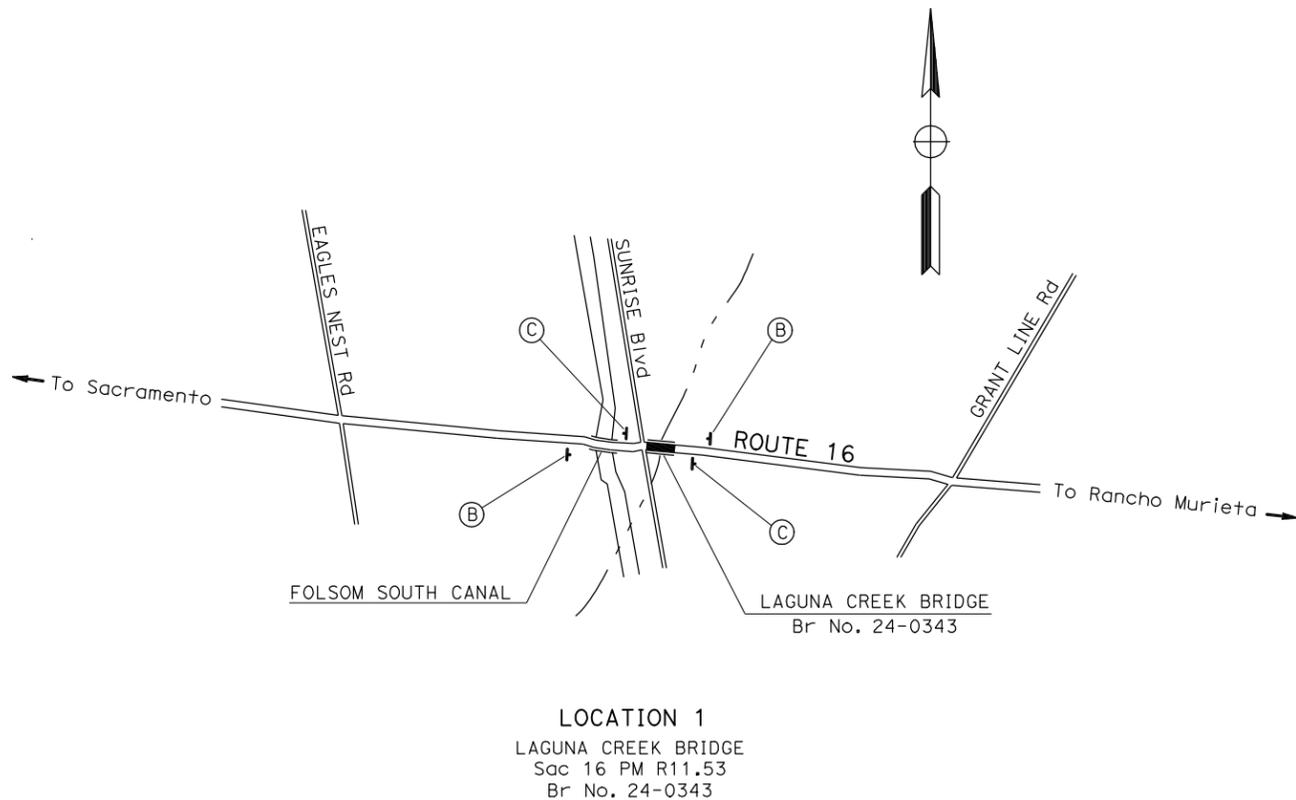
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN LETTER	SIGN CODE		PANEL SIZE	SIGN MESSAGE	No. OF POST AND SIZE	NUMBER OF SIGNS
	FEDERAL	CALIFORNIA				
(A)	W20-1	C23	60" X 60"	ROAD WORK AHEAD	2 - 4" X 6"	3
(B)	W20-1	C23	48" X 48"	ROAD WORK AHEAD	1 - 6" X 6"	9
(C)		C14	48" X 24"	END ROAD WORK	1 - 4" X 6"	16

LEGEND:

- (X) CONSTRUCTION AREA SIGN LETTER
- ↑ SIGN - SINGLE POST
- ↑↑ SIGN - TWO POSTS
- <CA> CALIFORNIA SIGN CODE



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 TRAFFIC
 FUNCTIONAL SUPERVISOR JOSEPH W. HORTON
 CHECKED BY
 DESIGNED BY
 JACK KEMMERLY
 REVISED BY
 DATE REVISED

CONSTRUCTION AREA SIGNS

NO SCALE

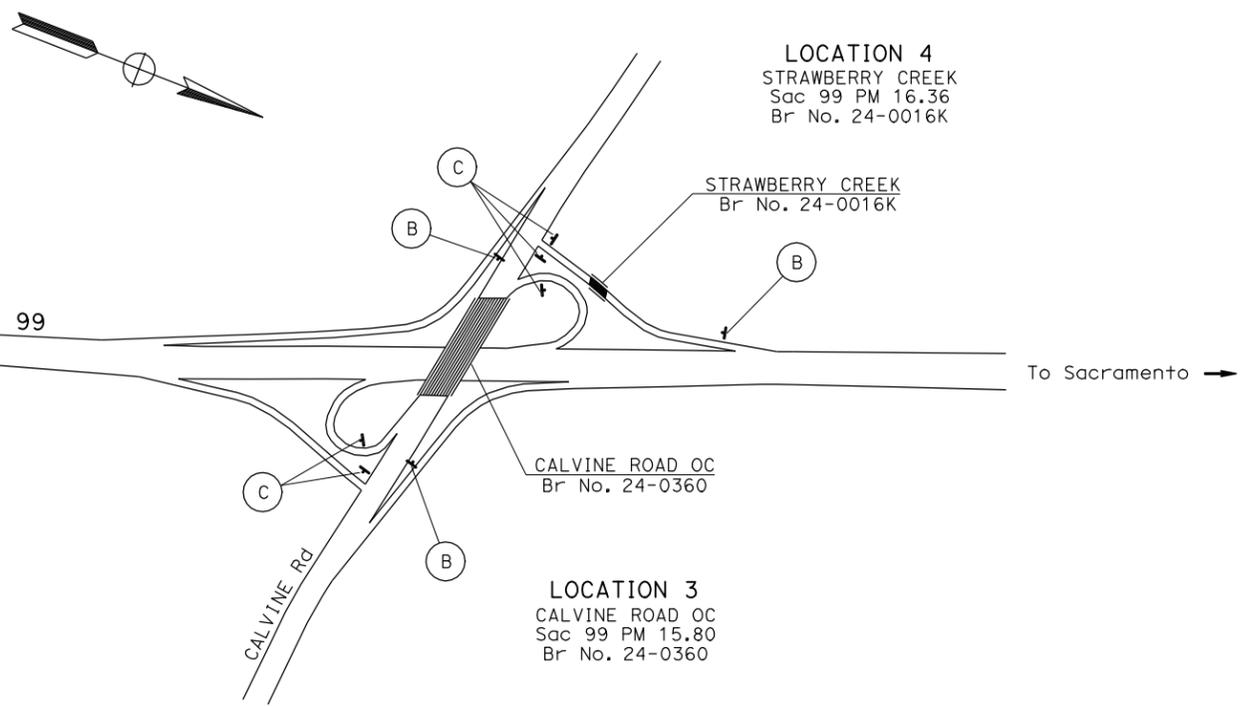
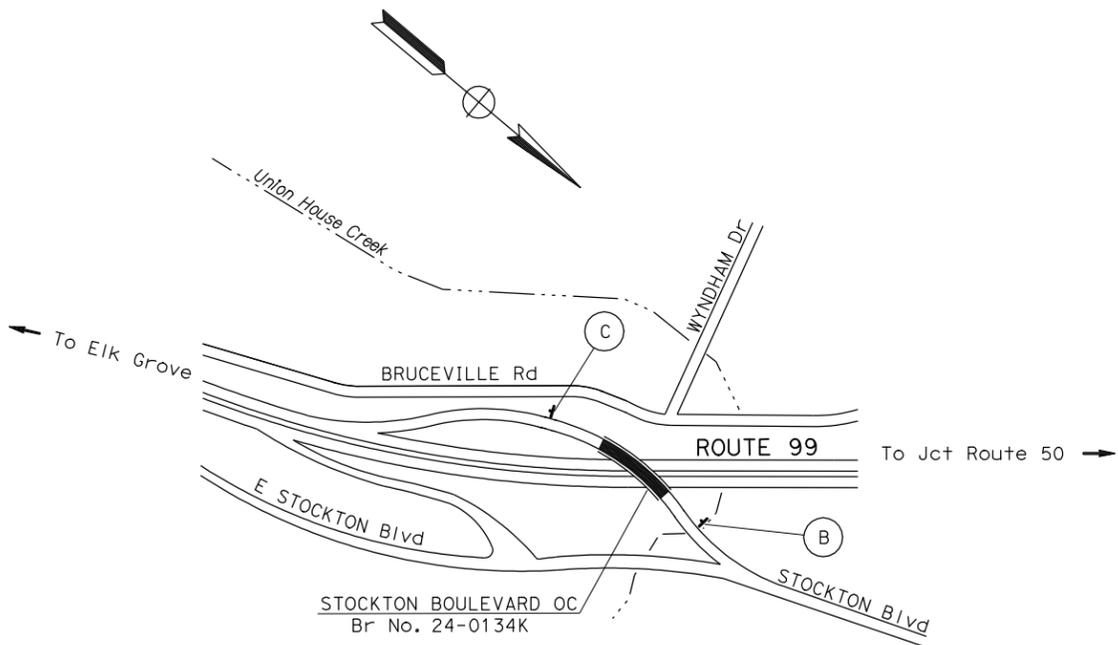
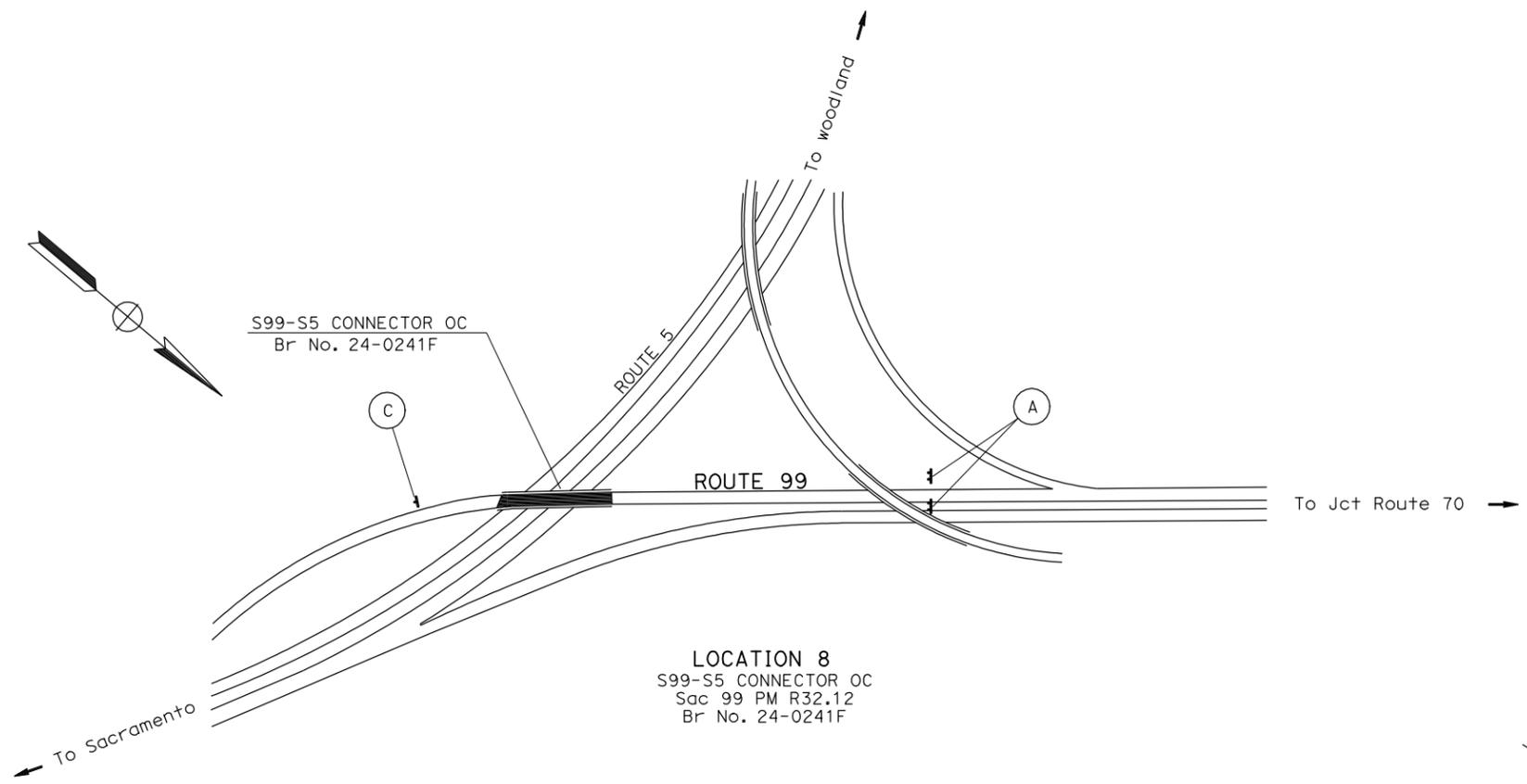
CS-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC
 FUNCTIONAL SUPERVISOR
 JOSEPH W. HORTON
 CHECKED BY
 JACK KEMMERLY
 REVISOR BY
 DATE REVISOR
 DATE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sac	16, 99	Var	4	20

REGISTERED CIVIL ENGINEER *D.S. Lamb* DATE 3-2-11
 PLANS APPROVAL DATE 3-2-11
 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
DAVID S. LAMB
 No. C53386
 Exp. 6-30-11
 CIVIL
 STATE OF CALIFORNIA



NOTE: THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.

CONSTRUCTION AREA SIGNS
 NO SCALE

CS-2

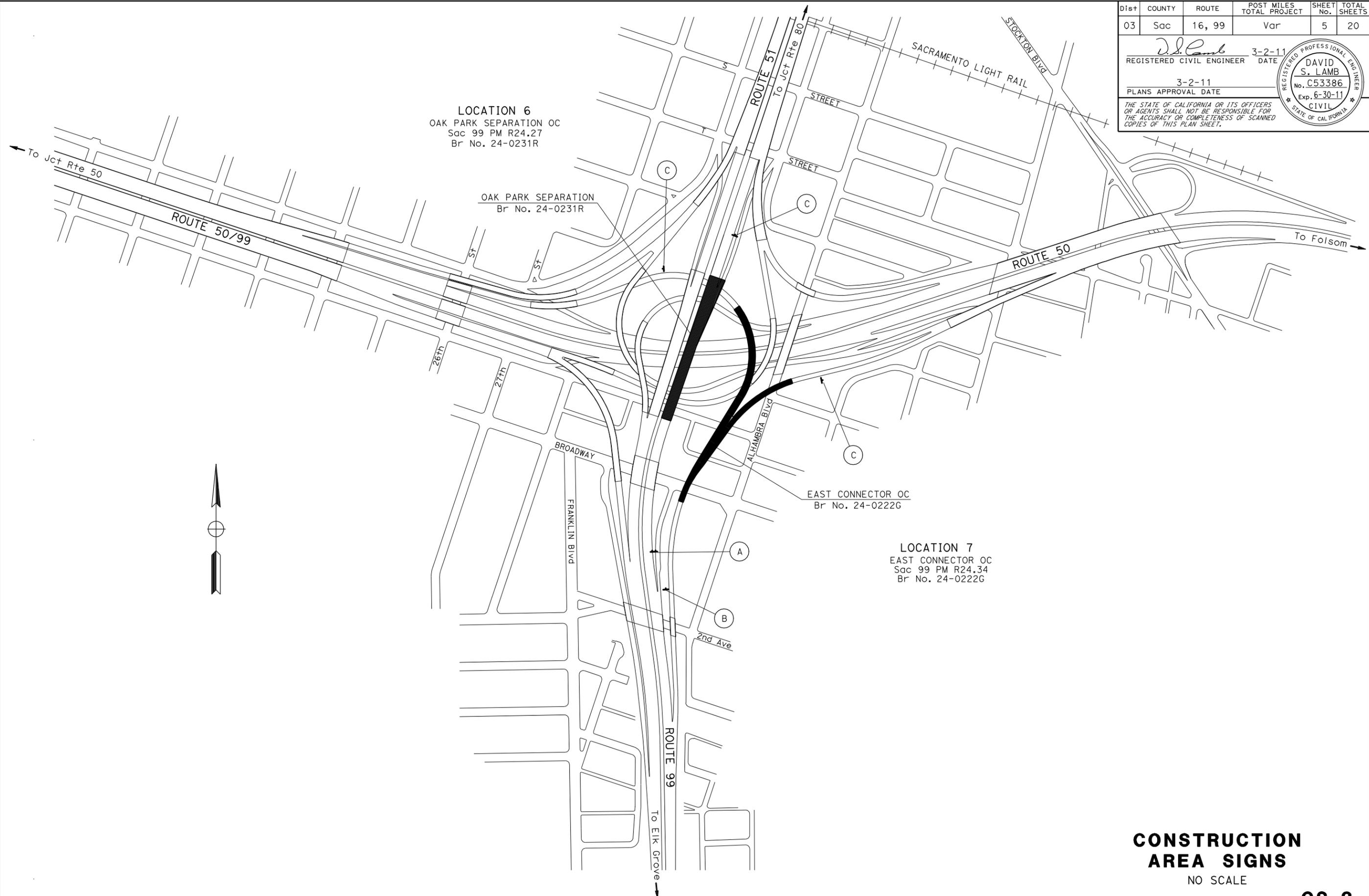


STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC

FUNCTIONAL SUPERVISOR JOSEPH W. HORTON	CALCULATED-DESIGNED BY CHECKED BY	JACK KEMMERLY X	REVISED BY DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sac	16, 99	Var	5	20

D.S. Lamb
 REGISTERED CIVIL ENGINEER DATE 3-2-11
 PLANS APPROVAL DATE 3-2-11
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.



LOCATION 6
 OAK PARK SEPARATION OC
 Sac 99 PM R24.27
 Br No. 24-0231R

OAK PARK SEPARATION
 Br No. 24-0231R

EAST CONNECTOR OC
 Br No. 24-0222G

LOCATION 7
 EAST CONNECTOR OC
 Sac 99 PM R24.34
 Br No. 24-0222G

NOTE: THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.

**CONSTRUCTION
 AREA SIGNS**
 NO SCALE

CS-3



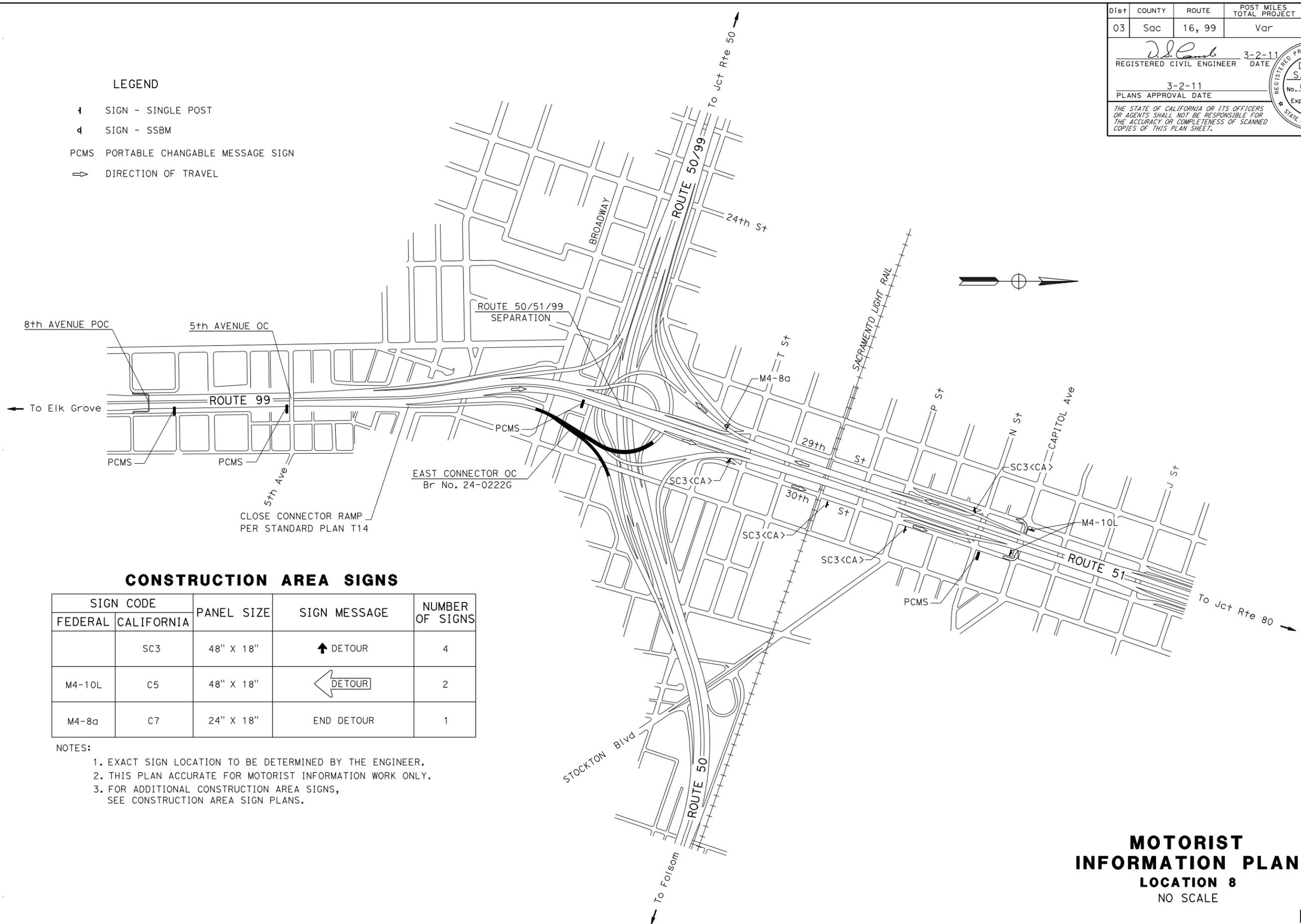
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sac	16, 99	Var	7	20

REGISTERED CIVIL ENGINEER *D.S. Lamb* DATE 3-2-11
 PLANS APPROVAL DATE 3-2-11

REGISTERED PROFESSIONAL ENGINEER
DAVID S. LAMB
 No. C53386
 Exp. 6-30-11
 CIVIL
 STATE OF CALIFORNIA

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

- LEGEND**
- ↑ SIGN - SINGLE POST
 - ⇐ SIGN - SSBM
 - PCMS PORTABLE CHANGABLE MESSAGE SIGN
 - ⇐ DIRECTION OF TRAVEL



CONSTRUCTION AREA SIGNS

SIGN CODE		PANEL SIZE	SIGN MESSAGE	NUMBER OF SIGNS
FEDERAL	CALIFORNIA			
	SC3	48" X 18"	↑ DETOUR	4
M4-10L	C5	48" X 18"	⇐ DETOUR	2
M4-8a	C7	24" X 18"	END DETOUR	1

- NOTES:
1. EXACT SIGN LOCATION TO BE DETERMINED BY THE ENGINEER.
 2. THIS PLAN ACCURATE FOR MOTORIST INFORMATION WORK ONLY.
 3. FOR ADDITIONAL CONSTRUCTION AREA SIGNS, SEE CONSTRUCTION AREA SIGN PLANS.

MOTORIST INFORMATION PLAN
LOCATION 8
 NO SCALE

MI-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 FUNCTIONAL SUPERVISOR JOSEPH W. HORTON
 TRAFFIC
 REVISIONS: 02-03-00, 03-MAR-2011, 13:22

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sac	16, 99	Var	8	20

D. S. Lamb 3-2-11
 REGISTERED CIVIL ENGINEER DATE
 3-2-11
 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.

PAVEMENT DELINEATION QUANTITIES

LOCATION	4" THERMOPLASTIC TRAFFIC STRIPE				4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 17-7)	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)	8" THERMOPLASTIC TRAFFIC STRIPE			PAVEMENT MARKER (RETROREFLECTIVE)				THERMOPLASTIC PAVEMENT MARKING		
	DETAIL NUMBER				DETAIL NUMBER	DETAIL NUMBER		DETAIL NUMBER			TYPE C (EA)	TYPE D (EA)	TYPE G (EA)	TYPE H (EA)	TYPE IV ARROW (SQFT)	DIAMOND SYMBOL (SQFT)
	22 (LF)	25 (LF)	25A (LF)	27B (LF)	9 (LF)	12 (LF)	14A (LF)	36 (LF)	38 (LF)	38B (LF)						
1	272			136							1	13				
2		157		157			137	20					4	4		
3			480		960				240				43	21		
4			566	566	1,132				566				75	25	30	
5			106	106	106				106				8	5		
6			289	289										13		
7		924		924		2,340	432	580			12		90	20		22
8			1,763	1,763		1,323		466					29	74		
9		317		317		317							8	14		
SUBTOTAL	272	1,398	3,204	4,258	2,198	4,117	452	1,046	106	806	13	13	257	176	30	22
TOTAL	9,132				2,198	4,569		1,958			459				52	

REMOVE TRAFFIC STRIPE

LOCATION	DESCRIPTION			
	LANELINE (LF)	RIGHT EDGELINE (LF)	GORE STRIPING (LF)	CHANNELIZING LINE (LF)
1		136		
3	240			480
4	283	566		1,132
5	27	106		212
7	693	924	1,160	
8	146	1,021	932	
SUBTOTAL	1,389	2,753	2,092	1,824
TOTAL	8,058			

REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)

LOCATION	DESCRIPTION	
	CENTERLINE (LF)	LEFT EDGELINE (LF)
1		
3	272	
4		480
5		566
7		106
8		924
SUBTOTAL	272	3,097
TOTAL	3,369	

REMOVE PAVEMENT MARKING

LOCATION	TYPE IV ARROW (SQFT)	DIAMOND SYMBOL (SQFT)
4	30	
7		22
SUBTOTAL	30	22
TOTAL	52	

PAVEMENT DELINEATION QUANTITIES

PDQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 JACK KEMMERLY
 REVISIONS: 1, 2, 3, 4, 5, 6, 7, 8, 9
 REVISED BY: DATE REVISION
 CALCULATED-DESIGNED BY: CHECKED BY:
 FUNCTIONAL SUPERVISOR: JOSEPH W. HORTON

DATE PLOTTED => 03-MAR-2011
 TIME PLOTTED => 13:22

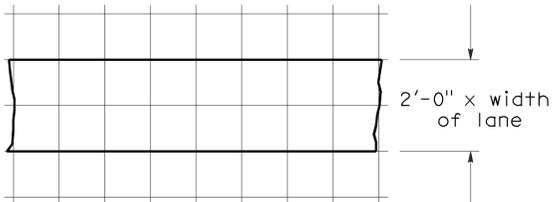
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	Sac	16,99	Var	9	20

Donald E. Howe
 REGISTERED CIVIL ENGINEER
 No. C46402
 Exp. 3-31-09
 CIVIL
 STATE OF CALIFORNIA

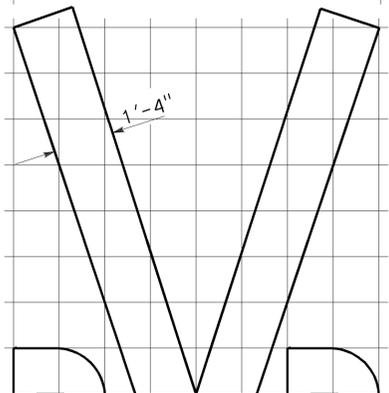
June 6, 2008
 PLANS APPROVAL DATE

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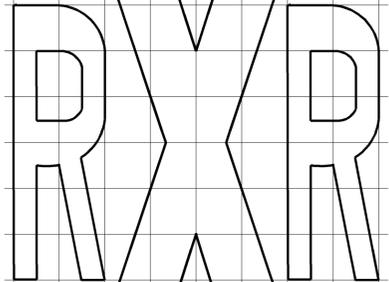
To accompany plans dated 3-2-11



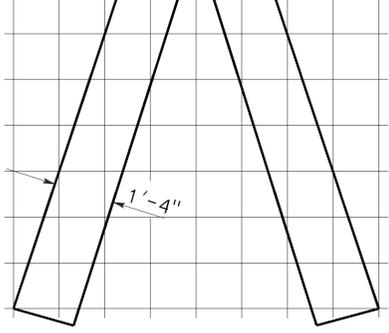
8'-0"



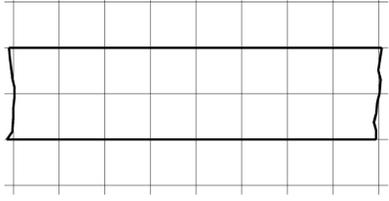
14'-0"



20'-0"



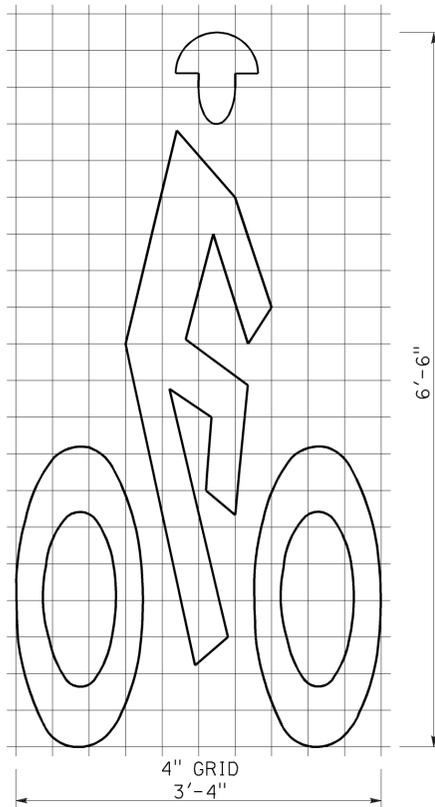
14'-0"



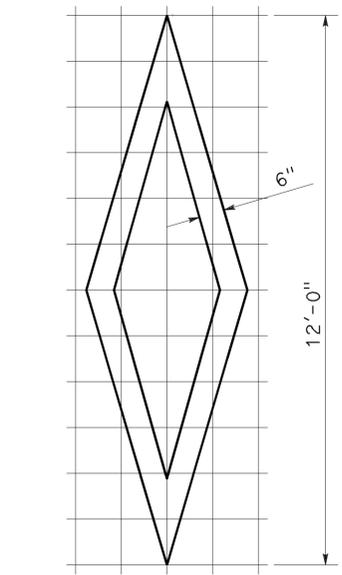
1'-0" GRID
A=70 sq ft *

RAILROAD CROSSING SYMBOL

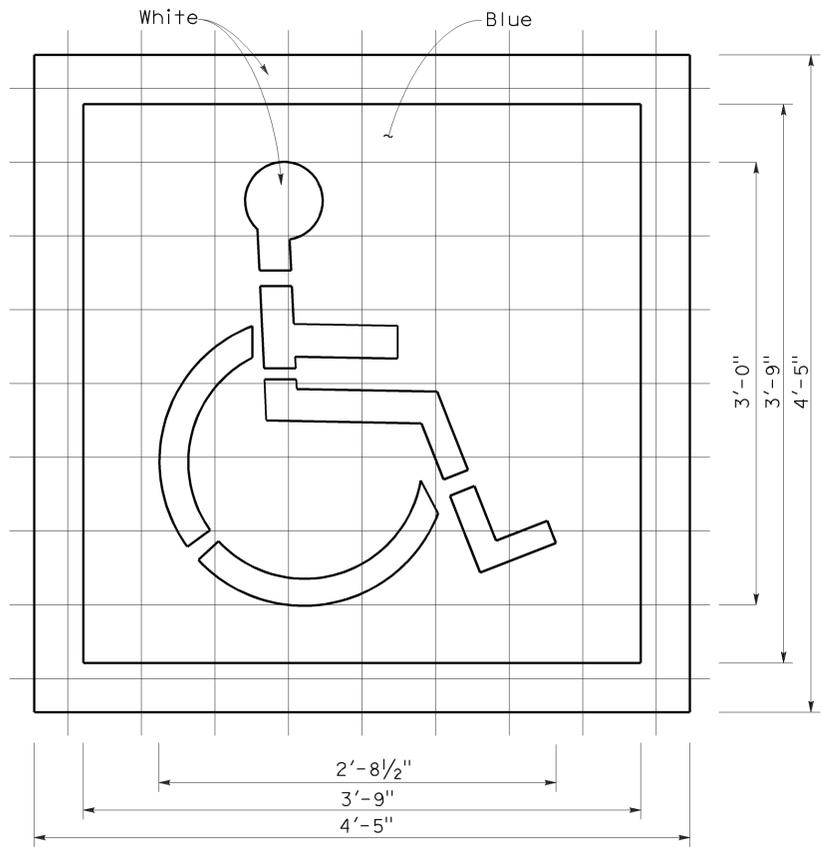
*70 sq ft DOES NOT INCLUDE THE 2'-0" x VARIABLE WIDTH TRANSVERSE LINES.



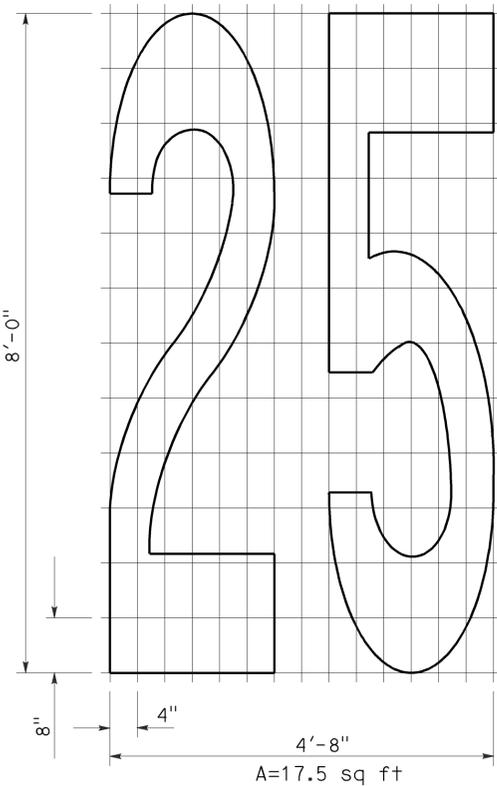
A=7 sq ft
BIKE LANE SYMBOL



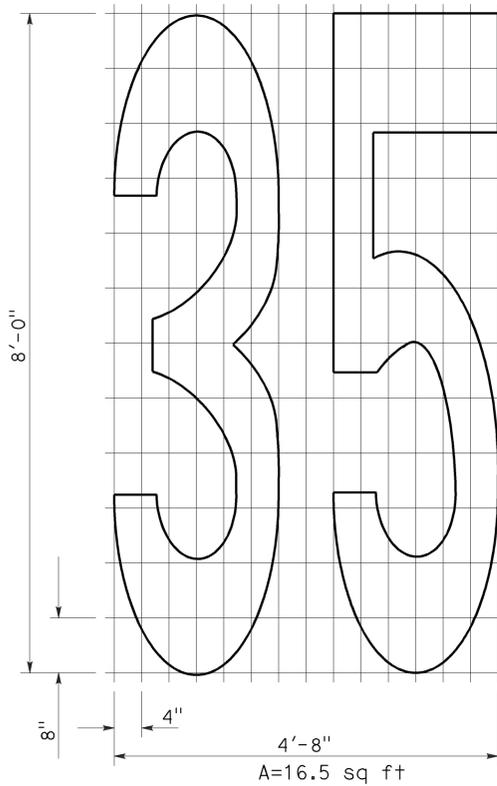
A=11 sq ft
DIAMOND SYMBOL



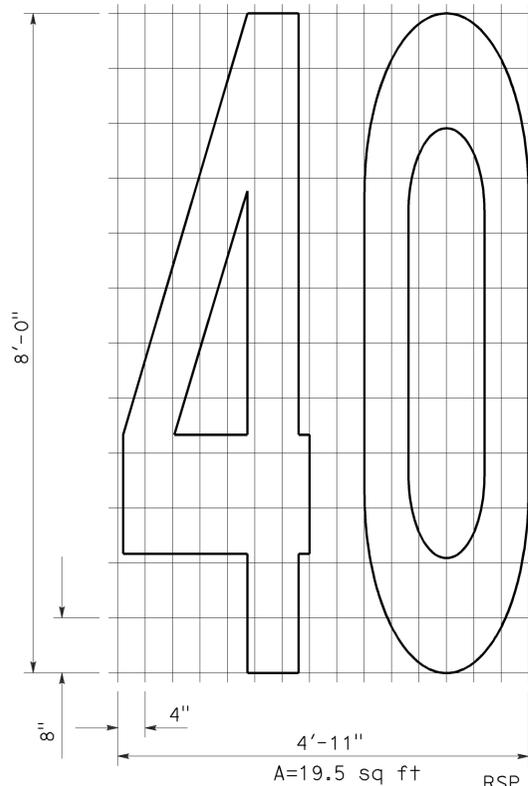
6" GRID
A (White) = 9 sq ft
A (Blue) = 14 sq ft
INTERNATIONAL SYMBOL OF ACCESSIBILITY MARKING



A=17.5 sq ft

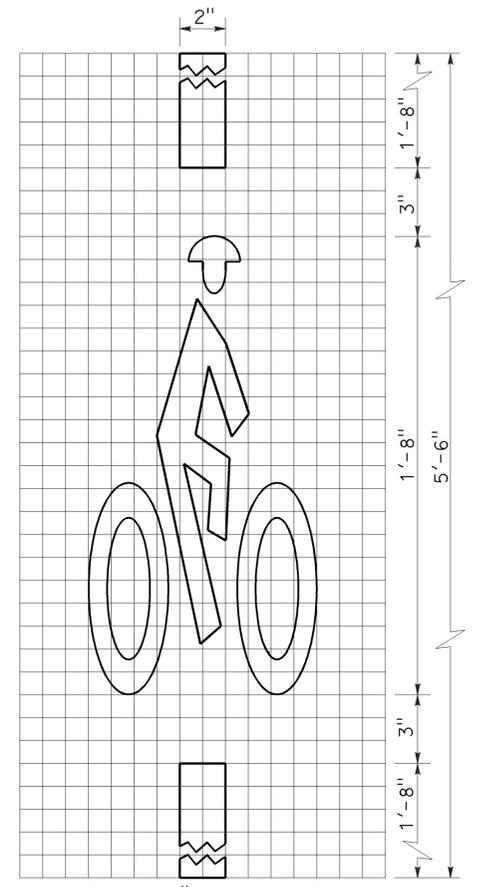


A=16.5 sq ft



A=19.5 sq ft

NUMERALS



A=2 sq ft
BICYCLE LOOP DETECTOR SYMBOL

NOTE:
1. Minor variations in dimensions may be accepted by the Engineer.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS SYMBOLS AND NUMERALS

NO SCALE

2006 REVISED STANDARD PLAN RSP A24C

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	Sac	16,99	Var	10	20

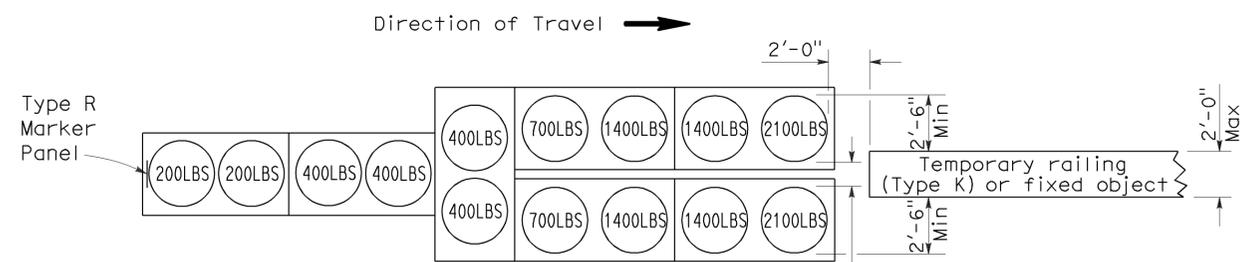
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

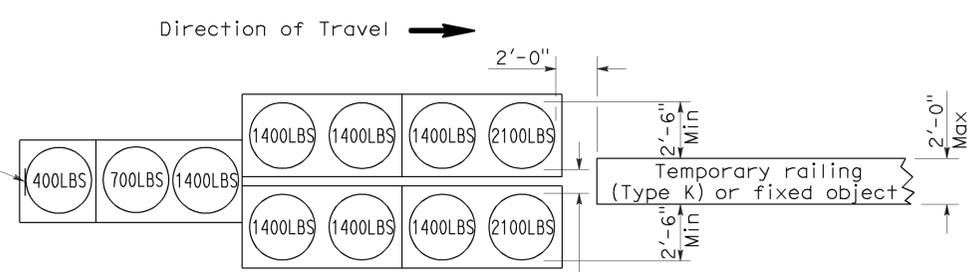
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To accompany plans dated 3-2-11



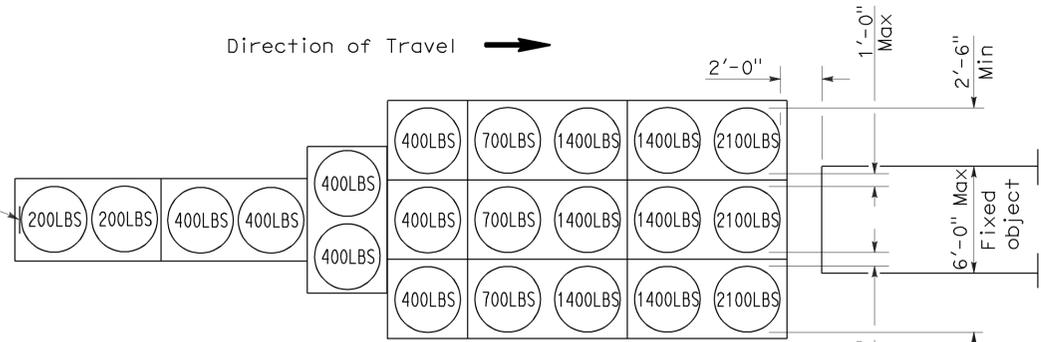
ARRAY 'TU14'

Approach speed 45 mph or more



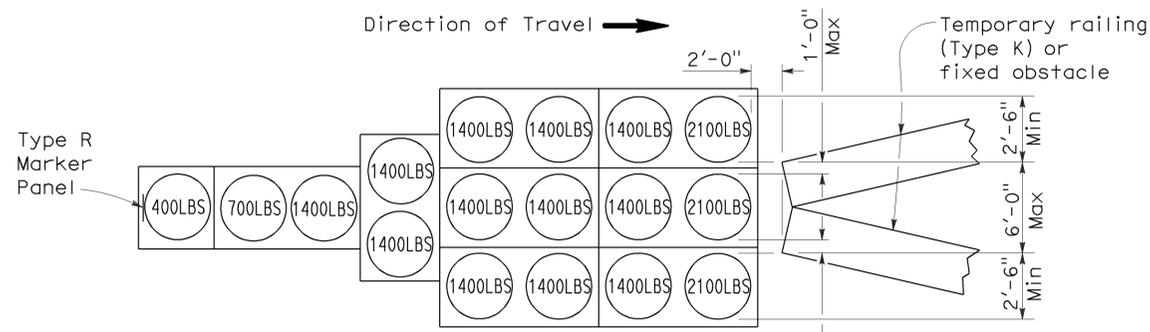
ARRAY 'TU11'

Approach speed less than 45 mph



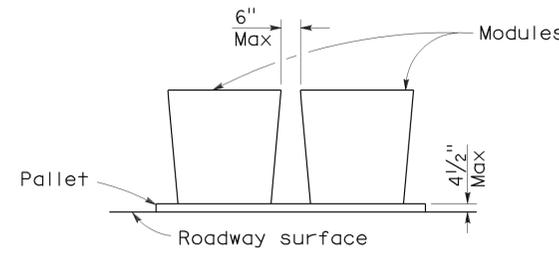
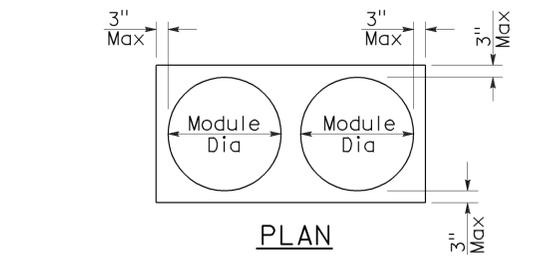
ARRAY 'TU21'

Approach speed 45 mph or more



ARRAY 'TU17'

Approach speed less than 45 mph



CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

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

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

NO SCALE

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

REVISED STANDARD PLAN RSP T1A

2006 REVISED STANDARD PLAN RSP T1A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	Sac	16,99	Var	11	20

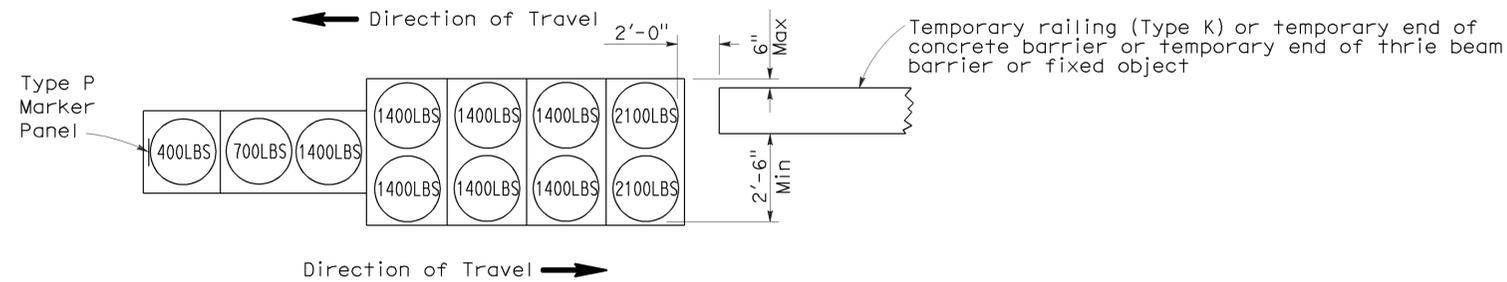
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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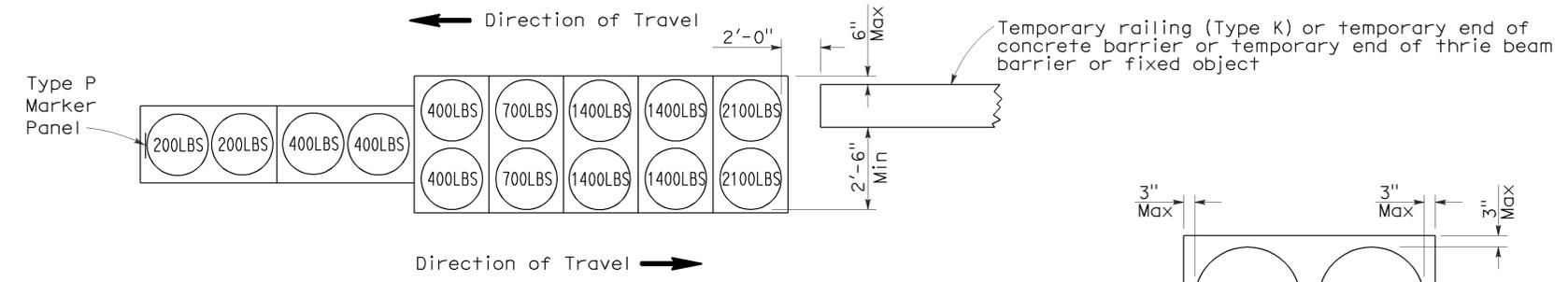
REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

To accompany plans dated 3-2-11



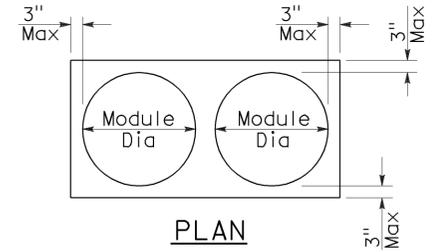
ARRAY 'TB11'

Approach speed less than 45 mph

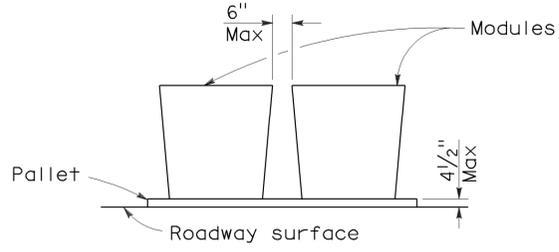


ARRAY 'TB14'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

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

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

NO SCALE

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

REVISED STANDARD PLAN RSP T1B

2006 REVISED STANDARD PLAN RSP T1B

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	Sac	16,99	Var	12	20

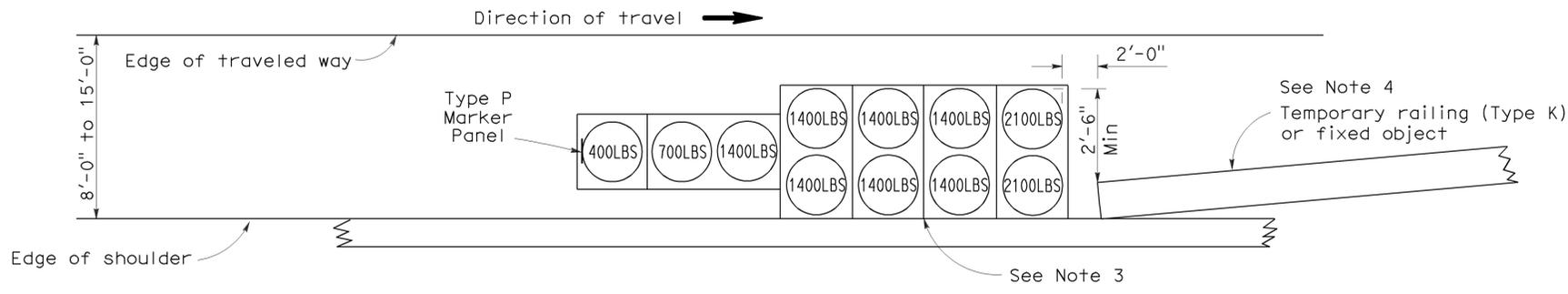
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

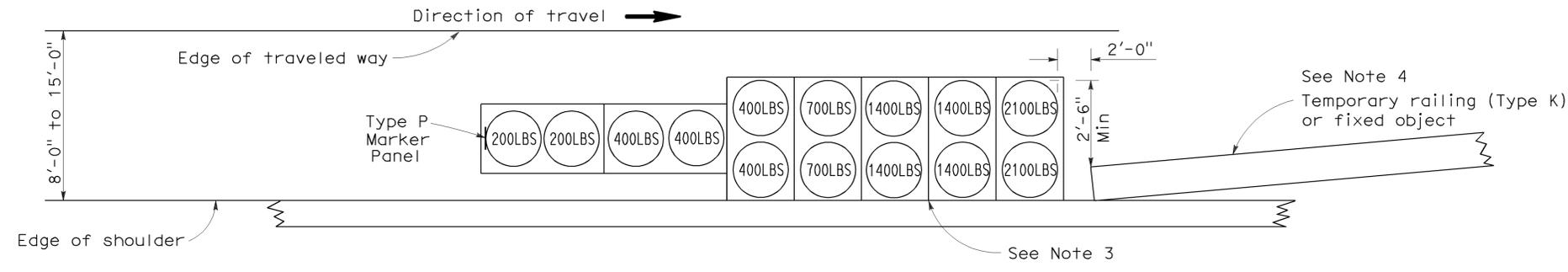
Randell D. Hiatt
REGISTERED PROFESSIONAL ENGINEER
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

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

To accompany plans dated 3-2-11



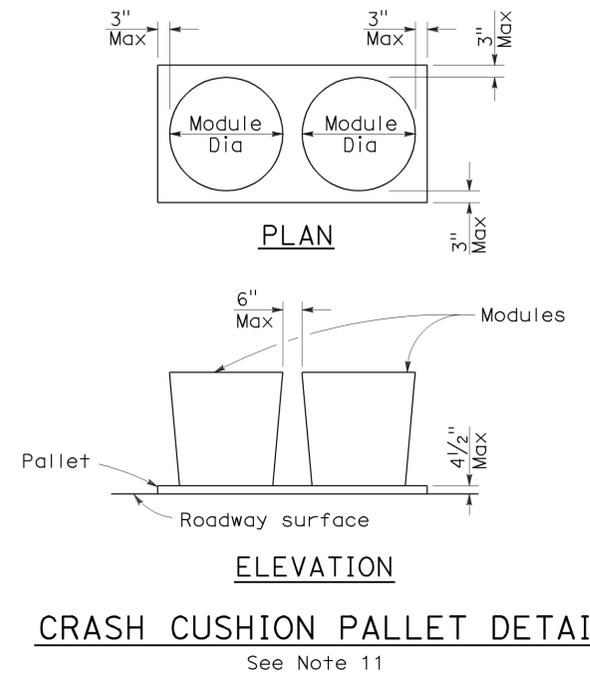
ARRAY 'TS11'
Approach speed less than 45 mph
See Note 9



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

NOTES:

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



STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

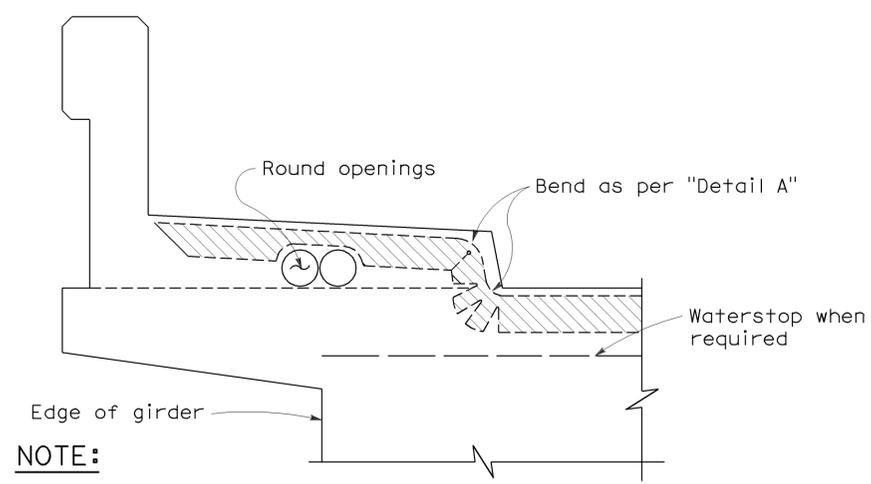
NO SCALE

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

REVISED STANDARD PLAN RSP T2

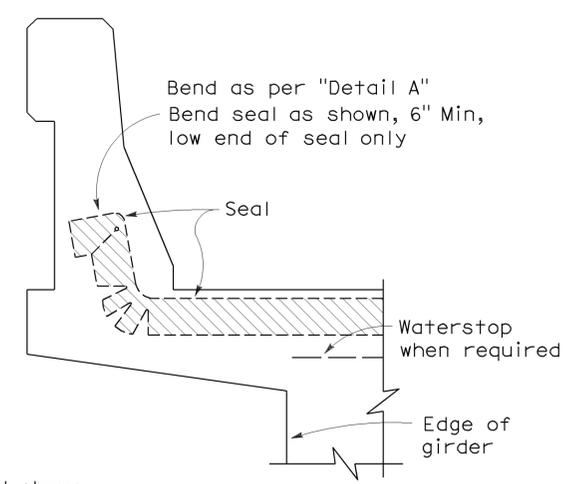
2006 REVISED STANDARD PLAN RSP T2

To accompany plans dated 3-2-11

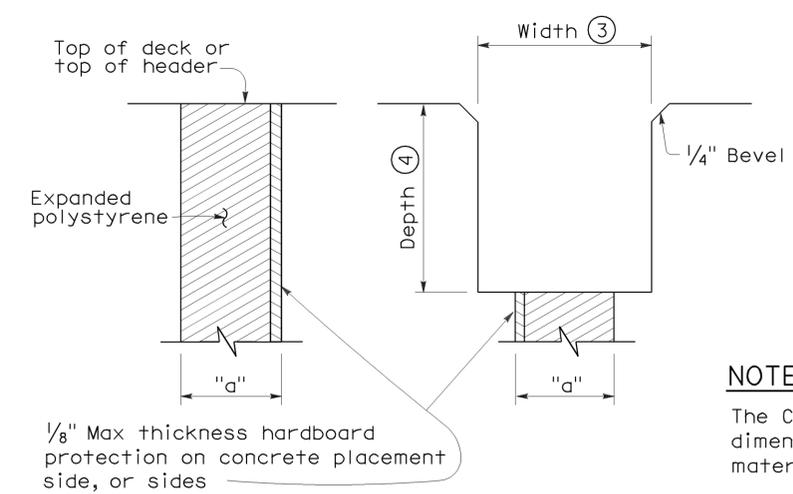


NOTE:
 Type "B" seal shown. Type "A" seals to conform to the general path of seal shown, cuts for bending not required. Bend Type "A" seals 3" up into curb or barrier rail on only the low end of the seal.

CONCRETE BARRIER AND SIDEWALK



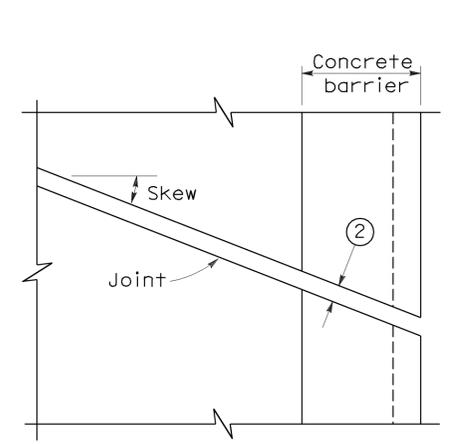
CONCRETE BARRIER



FORMING DETAIL SAWCUT DETAIL

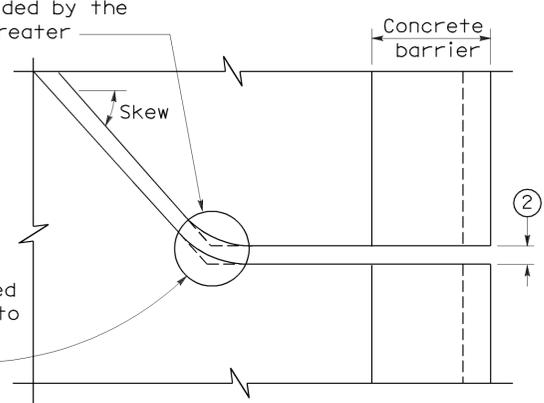
NOTE:
 The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.

JOINT SEALS DETAILS



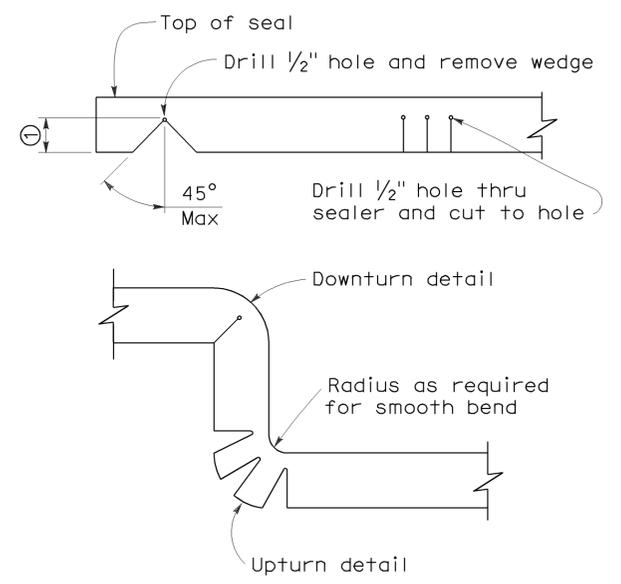
PLAN OF JOINT (SKEW ≤ 20°)

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



PLAN OF JOINT (SKEW > 20°)

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



DETAIL A

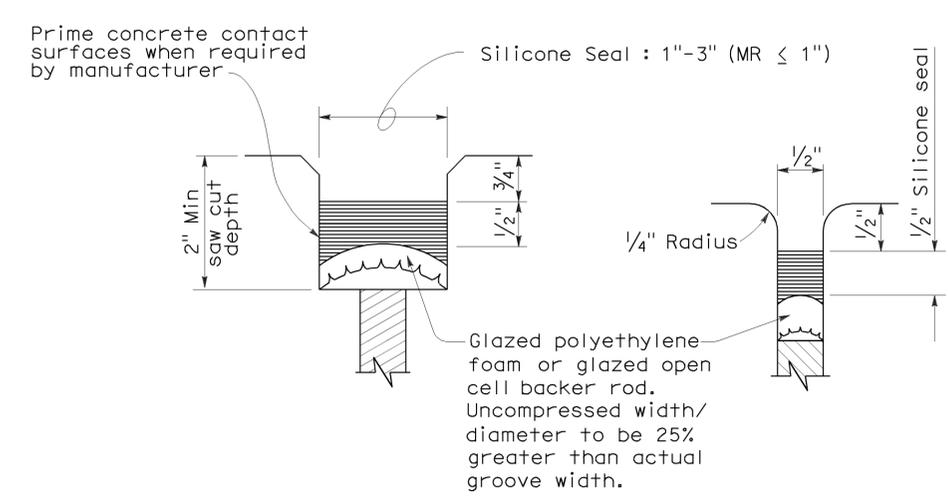
NOTES:

- Make smooth cuts from the bottom of seal to 1/2" 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

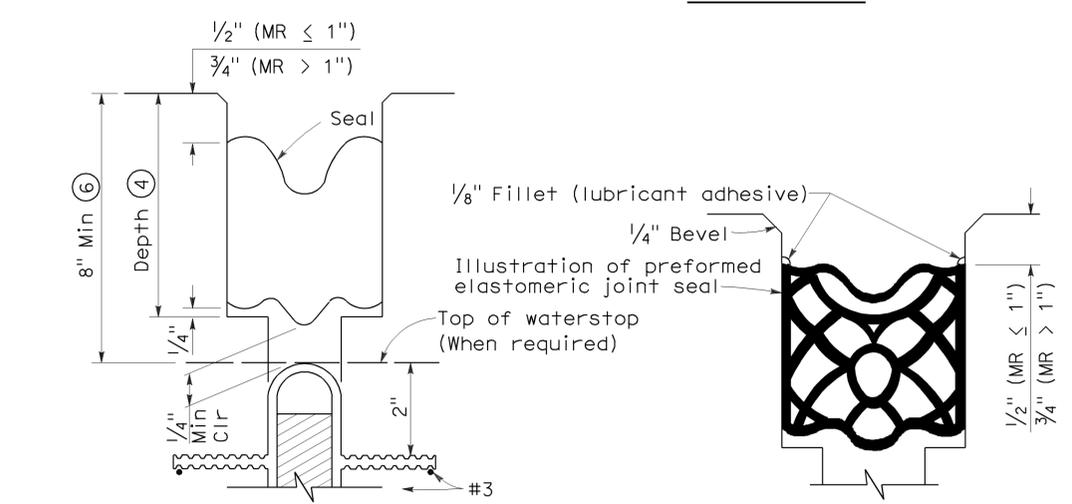


TYPE A SEAL

Movement rating : Silicone = 1" Max

TYPE AL SEAL

Longitudinal joints only



TYPE B JOINT SEAL IN MINIMUM WIDTH POSITION (W₂)

TYPE B SEAL

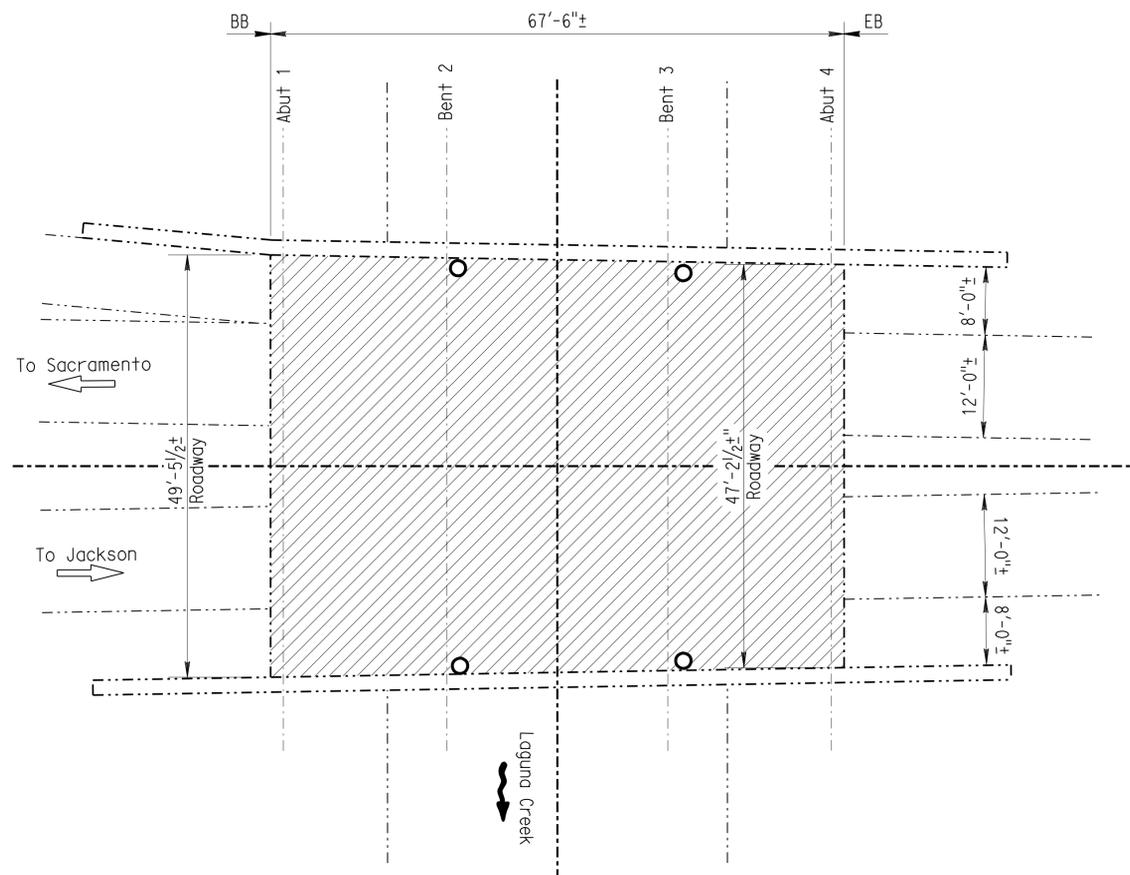
Movement Rating ≤ 2"

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
03	SAC	16,99	VARIES	14	20
REGISTERED CIVIL ENGINEER			DATE	2-14-11	
PLANS APPROVAL DATE			3-7-11		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.</small>					



LAGUNA CREEK	QUANTITIES	BR NO 24-0343
REMOVE UNSOUND CONCRETE		8 CF
CLEAN BRIDGE DECK		3,262 SQFT
RAPID SETTING CONCRETE (PATCH)		8 CF
TREAT BRIDGE DECK		3,262 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL		37 GAL

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 limits of remove 3"± AC on the deck to evaluate the condition of the structural deck.

① See road plans for transition from top of existing roadway surface to top of deck.

○ Indicates existing 4"Ø vert deck drain.

LAGUNA CREEK
 BR NO. 24-0343, SAC, ROUTE 16, PM R11.53
 1' = 10'

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	JOINT SEAL DETAILS
7	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 (MAX MOVEMENT RATING = 2")

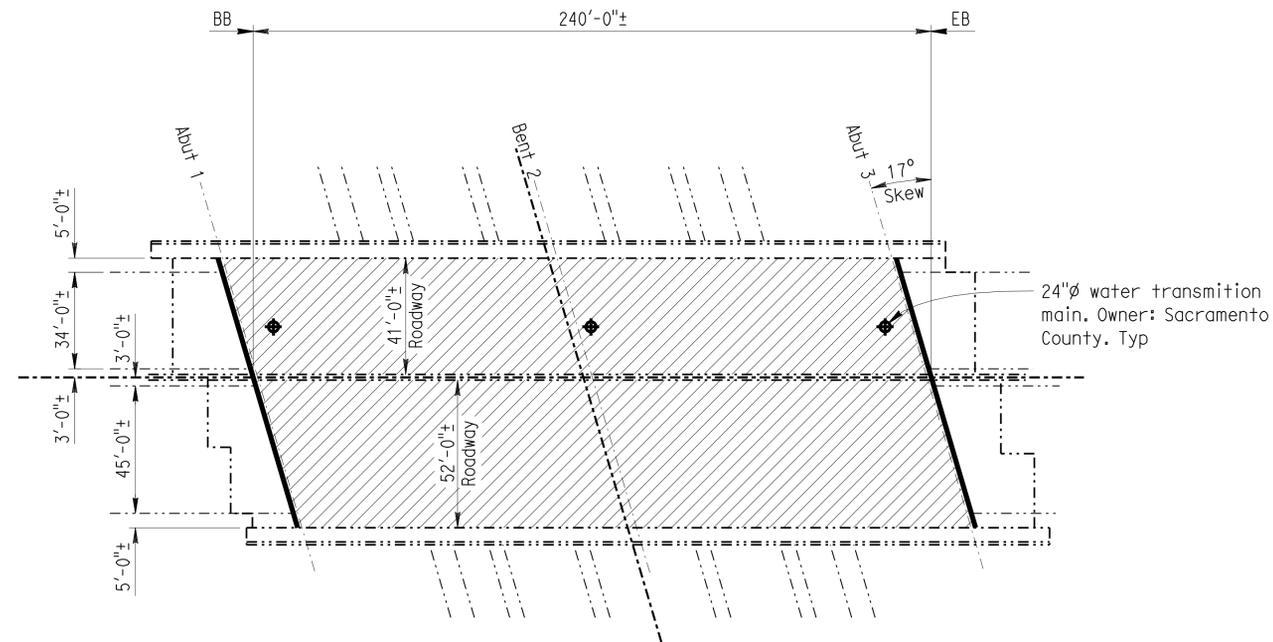
2-14-11 DESIGN ENGINEER	DESIGN BY F. Espinoza	CHECKED H. Moazami	LAYOUT BY M. Hallstrom	CHECKED H. Moazami	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO. VARIOUS	ROUTE 99 BRIDGES GENERAL PLAN NO. 1
	DETAILS BY M. Hallstrom	CHECKED H. Moazami	BY	PLANS AND SPECIFICATIONS COMPARED X			POST MILE VARIES	
QUANTITIES BY F. Espinoza	CHECKED H. Moazami	SPECIFICATIONS X			ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CU 03 EA 3M6901	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)					0 1 2 3	1-7-11 2-14-11	SHEET 1 OF 7	

USERNAME => 6137417 DATE PLOTTED => 02-MAR-2011 TIME PLOTTED => 08:24

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	SAC	16,99	VARIES	15	20

REGISTERED CIVIL ENGINEER DATE 2-14-11
 PLANS APPROVAL DATE 3-7-11
 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. 6-30-11
 CIVIL
 STATE OF CALIFORNIA



LAGUNA BOULEVARD OC BR NO 24-0358

QUANTITIES	
REMOVE UNSOUND CONCRETE	57 CF
CLEAN BRIDGE DECK	22,320 SQFT
CLEAN EXPANSION JOINT	200 LF
RAPID SETTING CONCRETE (PATCH)	57 CF
JOINT SEAL (MR 1")	200 LF
TREAT BRIDGE DECK	22,320 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	249 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. For details, see JOINT SEAL DETAILS & DECK REPAIR DETAILS sheet.
 - Indicates existing manhole. Do not place methacrylate on manholes.

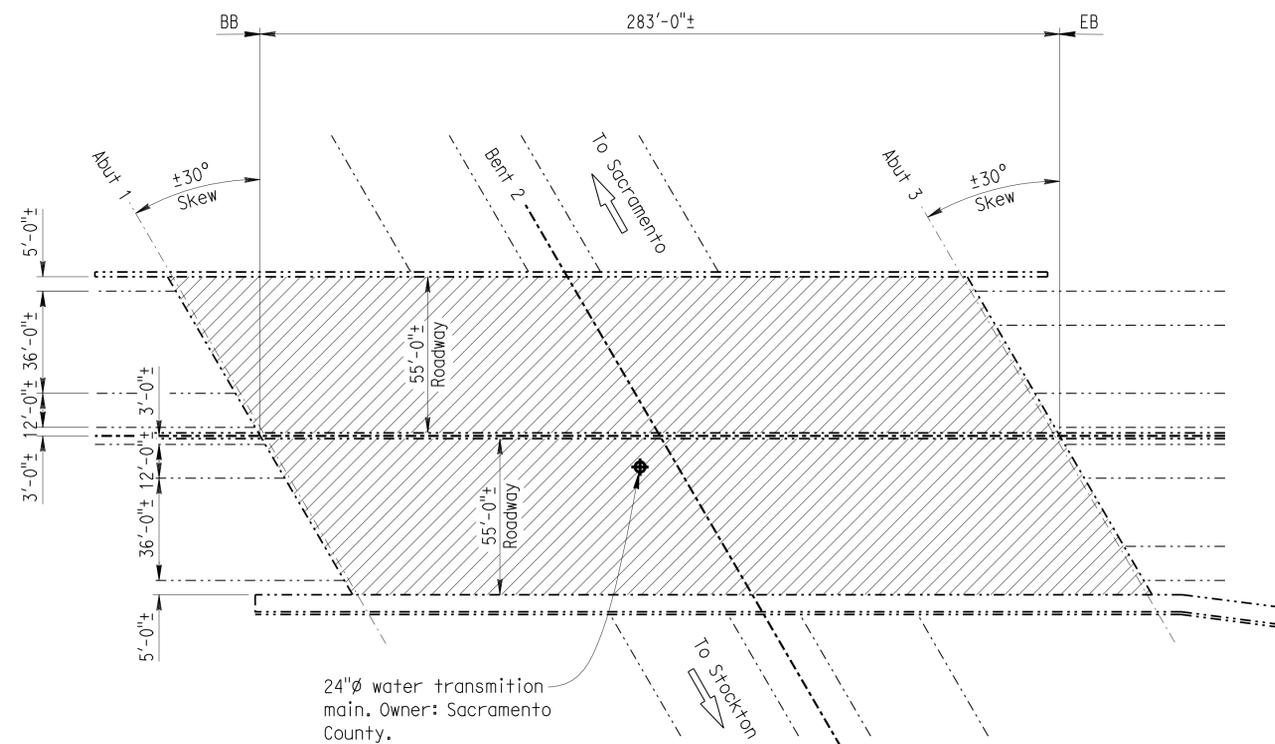


LAGUNA BOULEVARD OVERCROSSING

BR NO. 24-0358, SAC, ROUTE 99, PM 13.66
1' = 30'

COSUMNES RIVER BLVD/CALVINE RD OC BR NO 24-0360

QUANTITIES	
REMOVE UNSOUND CONCRETE	78 CF
CLEAN BRIDGE DECK	31,130 SQFT
RAPID SETTING CONCRETE (PATCH)	78 CF
TREAT BRIDGE DECK	31,130 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	347 GAL



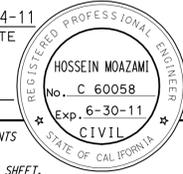
COSUMNES RIVER BOULEVARD/CALVINE ROAD OVERCROSSING

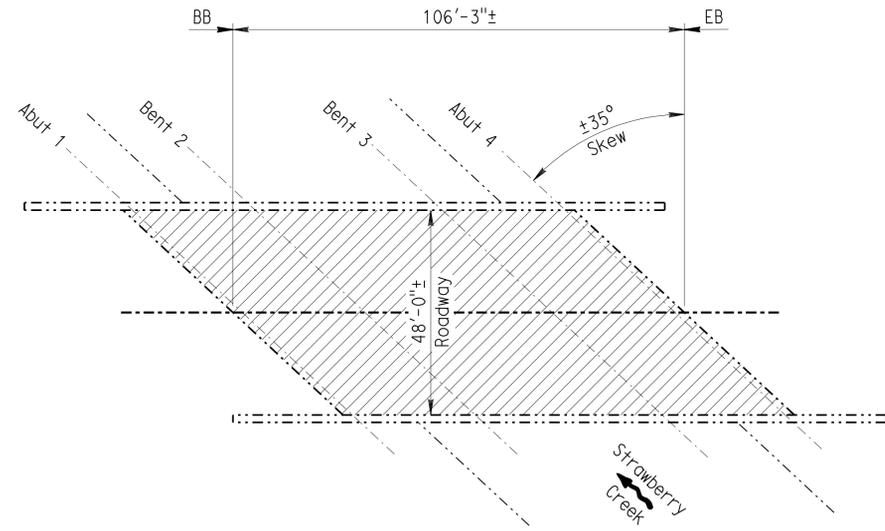
BR NO. 24-0360, SAC, ROUTE 99, PM 15.8
1' = 30'

 DESIGN ENGINEER 2-14-11	DESIGN BY F. Espinoza	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 99 BRIDGES GENERAL PLAN NO. 2	
	DETAILS BY M. Hallstrom	CHECKED H. Moazami	BY	PLANS AND SPECIFICATIONS COMPARED X			POST MILE VARIES		
QUANTITIES BY F. Espinoza	CHECKED H. Moazami	SPECIFICATIONS X			CU 03	EA 3M6901	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)					ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	1-11-11	2-14-11	SHEET 2 OF 7

FILE => 03-3m6901_02gp2.dgn

USERNAME => 6137417 DATE PLOTTED => 02-MAR-2011 TIME PLOTTED => 08:24

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	SAC	16,99	VARIES	16	20
 REGISTERED CIVIL ENGINEER			2-14-11	DATE	
3-7-11			PLANS APPROVAL DATE		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.					

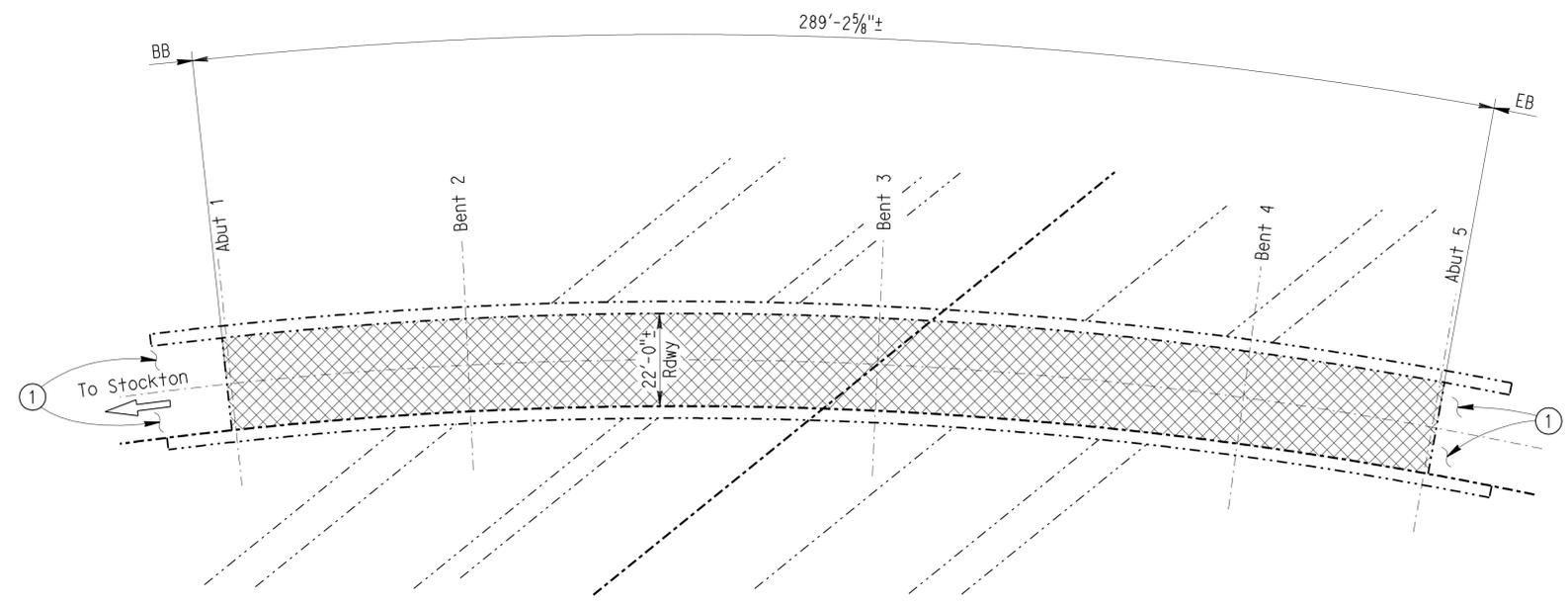


STRAWBERRY CREEK	QUANTITIES	BR NO 24-0016K
REMOVE UNSOUND CONCRETE	13 CF	
CLEAN BRIDGE DECK	5,102 SQFT	
RAPID SETTING CONCRETE (PATCH)	13 CF	
TREAT BRIDGE DECK	5,102 SQFT	
FURNISH BRIDGE DECK TREATMENT MATERIAL	57 GAL	
PUBLIC SAFETY PLAN	LUMP SUM	

- 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 3"± AC overlay, clean and treat with methacrylate, remove unsound concrete and patch with rapid setting concrete.
 - ① See Road Plans for transition from top of existing roadway surface to top of concrete deck.

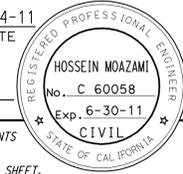
STRAWBERRY CREEK
 BR NO. 24-0016K, SAC, ROUTE 99, PM 16.35
 1' = 20'

STOCKTON BLVD OC	QUANTITIES	BR NO 24-0134K
REMOVE ASPHALT CONCRETE SURFACING	6,365 SQFT	
REMOVE UNSOUND CONCRETE	16 CF	
CLEAN BRIDGE DECK	6,365 SQFT	
RAPID SETTING CONCRETE (PATCH)	16 CF	
TREAT BRIDGE DECK	6,365 SQFT	
FURNISH BRIDGE DECK TREATMENT MATERIAL	71 GAL	
PUBLIC SAFETY PLAN	LUMP SUM	



STOCKTON BOULEVARD OVERCROSSING
 BR NO. 24-0134K, SAC, ROUTE 99, PM 17.24
 1' = 20'

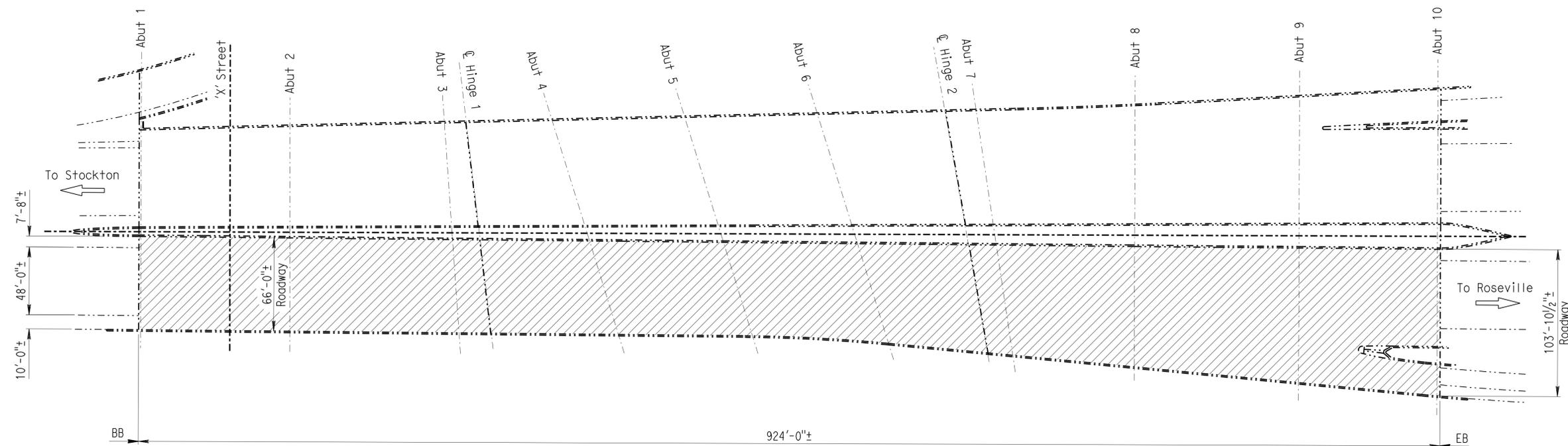
 DESIGN ENGINEER	DESIGN	BY F. Espinoza	CHECKED H. Moazami	LAYOUT	BY M. Hallstrom	CHECKED H. Moazami	BRIDGE NO.	VARIOUS	ROUTE 99 BRIDGES GENERAL PLAN NO. 3	
	DETAILS	BY M. Hallstrom	CHECKED H. Moazami	SPECIFICATIONS	BY X	PLANS AND SPECIFICATIONS COMPARED X	POST MILE	VARIES		
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)		QUANTITIES	BY F. Espinoza	CHECKED H. Moazami	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		CU 03 EA 3M6901	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES 1-11-11 2-14-11	SHEET 3 OF 7

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	SAC	16,99	VARIES	17	20
 REGISTERED CIVIL ENGINEER			DATE	2-14-11	
PLANS APPROVAL DATE			3-7-11		
					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.</small>					

OAK PARK SEPARATION	QUANTITIES	BR NO 24-0231R
REMOVE UNSOUND CONCRETE		175 CF
CLEAN BRIDGE DECK		69,740 SQFT
RAPID SETTING CONCRETE (PATCH)		175 CF
TREAT BRIDGE DECK		69,740 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL		778 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.



OAK PARK SEPARATION

BR NO. 24-0231R, SAC, ROUTE 99, PM R24.27
1' = 40'

 2-14-11 DESIGN ENGINEER	DESIGN	BY F. Espinoza	CHECKED H. Moazami	LAYOUT	BY M. Hallstrom	CHECKED H. Moazami	BRIDGE NO.	ROUTE 99 BRIDGES			
	DETAILS	BY M. Hallstrom	CHECKED H. Moazami	SPECIFICATIONS	BY X	PLANS AND SPECIFICATIONS COMPARED X	VARIOUS	GENERAL PLAN NO. 4			
	QUANTITIES	BY F. Espinoza	CHECKED H. Moazami				POST MILE				
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)							BRIDGE NO.	VARIES			
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS							POST MILE	VARIES			
0 1 2 3							CU 03	DISREGARD PRINTS BEARING EARLIER REVISION DATES			
							EA 3M6901	1-11-11 2-14-11			
							SHEET 4 OF 7				

FILE => 03-3m6901_04gp4.dgn

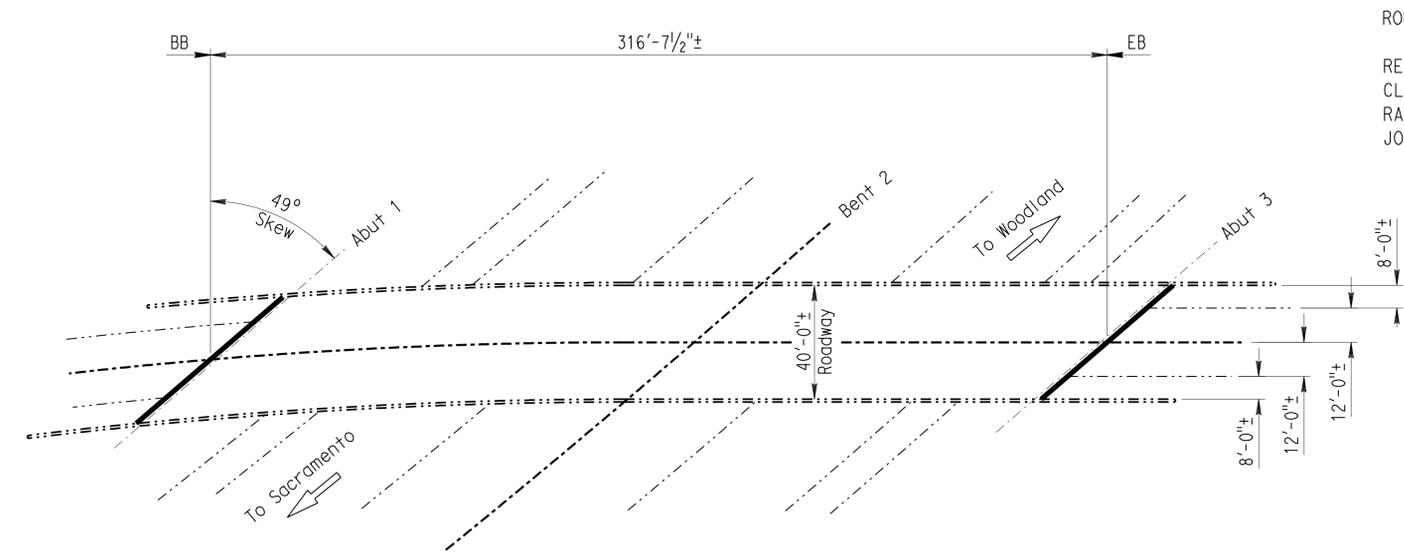
USERNAME => 6137417 DATE PLOTTED => 02-MAR-2011 TIME PLOTTED => 08:24

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	SAC	16,99	VARIES	18	20

REGISTERED CIVIL ENGINEER DATE 2-14-11
 3-7-11
 PLANS APPROVAL DATE

HOSSEIN MOAZAMI
 No. C 60058
 Exp. 6-30-11
 CIVIL
 STATE OF CALIFORNIA

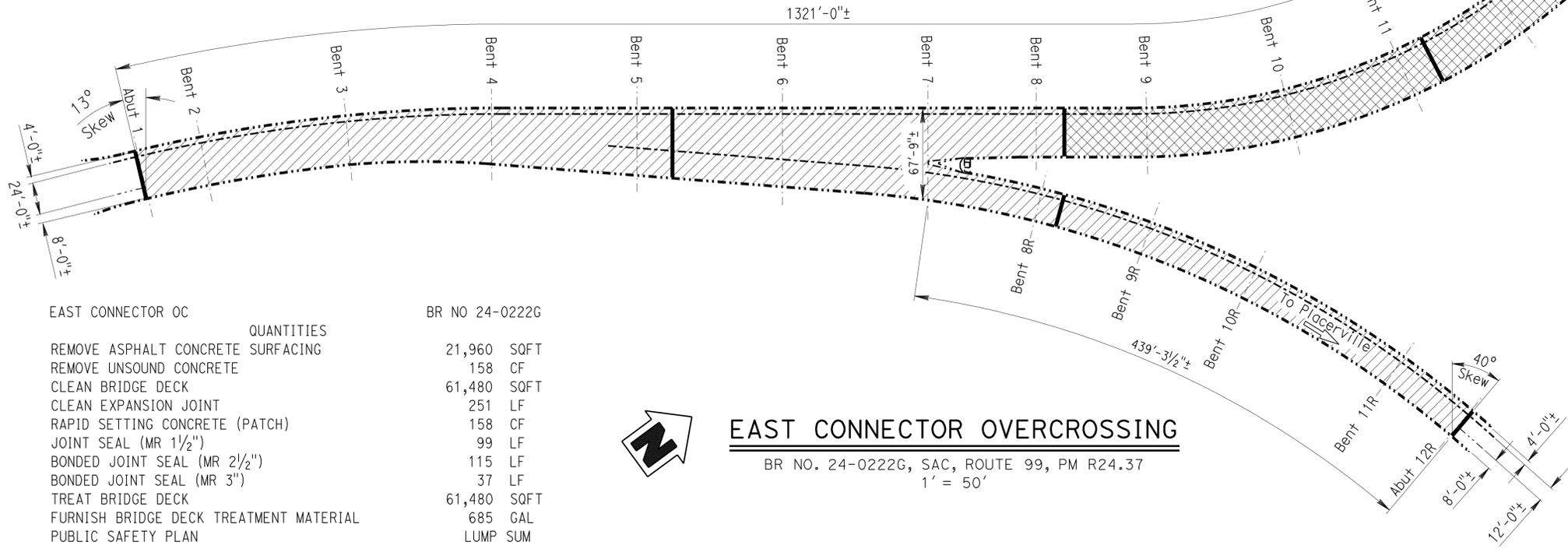
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.



ROUTE S99/S5 CONNECTOR OC QUANTITIES

REMOVE UNSOUND CONCRETE	1	CF
CLEAN EXPANSION JOINT	124	LF
RAPID SETTING CONCRETE (PATCH)	1	CF
JOINT SEAL (MR 1 1/2")	124	LF

ROUTE S99/S5 CONNECTOR OVERCROSSING
 BR NO. 24-0241F, SAC, ROUTE 99, PM R32.12
 1' = 30'



EAST CONNECTOR OC QUANTITIES

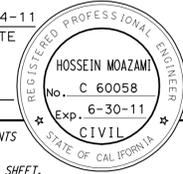
REMOVE ASPHALT CONCRETE SURFACING	21,960	SQFT
REMOVE UNSOUND CONCRETE	158	CF
CLEAN BRIDGE DECK	61,480	SQFT
CLEAN EXPANSION JOINT	251	LF
RAPID SETTING CONCRETE (PATCH)	158	CF
JOINT SEAL (MR 1 1/2")	99	LF
BONDED JOINT SEAL (MR 2 1/2")	115	LF
BONDED JOINT SEAL (MR 3")	37	LF
TREAT BRIDGE DECK	61,480	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	685	GAL
PUBLIC SAFETY PLAN	LUMP	SUM

EAST CONNECTOR OVERCROSSING
 BR NO. 24-0222G, SAC, ROUTE 99, PM R24.37
 1' = 50'

- 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 3"± AC overlay, clean and treat with methacrylate, remove unsound concrete and patch with rapid setting concrete.
 - Indicates location of remove existing joint seal and place new joint seal. Repair spalled concrete as directed by the Engineer. For details, see JOINT SEAL DETAILS & DECK REPAIR DETAILS sheet.
 - See road plans for transition from top of existing roadway surface to top of deck.

 DESIGN ENGINEER 2-14-11	DESIGN BY F. Espinoza	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 99 BRIDGES GENERAL PLAN NO. 5			
	DETAILS BY M. Hallstrom	CHECKED H. Moazami	SPECIFICATIONS BY X	PLANS AND SPECIFICATIONS COMPARED X			POST MILE VARIES				
QUANTITIES BY F. Espinoza	CHECKED H. Moazami	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			CU 03	EA 3M6901	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES			
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)					0	1	2	3	1-11-11	2-14-11	SHEET 5 OF 7

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	SAC	16,99	VARIES	19	20

 REGISTERED CIVIL ENGINEER DATE 2-14-11		
PLANS APPROVAL DATE 3-7-11		

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)
LAGUNA BOULEVARD OVERCROSSING	24-0358	Abut 1	BW	1	100.0	No	12.0	3	6	5
		Abut 3	BW	1	100.0	No	12.0	3	6	5
ROUTE 99/5 SEPARATION	24-0241F	Abut 1	PN	1 1/2	62.0	No	12.0	3	6	5
		Abut 3	PN	1 1/2	62.0	No	12.0	3	6	5
EAST CONNECTOR OVERCROSSING	24-0222G	Abut 1	PN	1 1/2	37.0	No	12.0	3	6	5
		Bent 5	H	* 2 1/2	53.0	No	12.0	3	6	5
		Bent 8L	H	* 2 1/2	37.0	No	12.0	3	6	5
		Bent 8R	H	* 2 1/2	25.0	No	12.0	3	6	5
		Bent 11	H	* 3	37.0	No	12.0	3	6	5
		Abut 12R	PN	1 1/2	25.0	No	12.0	3	6	5
Abut 15	PN	1 1/2	37.0	No	12.0	3	6	5		

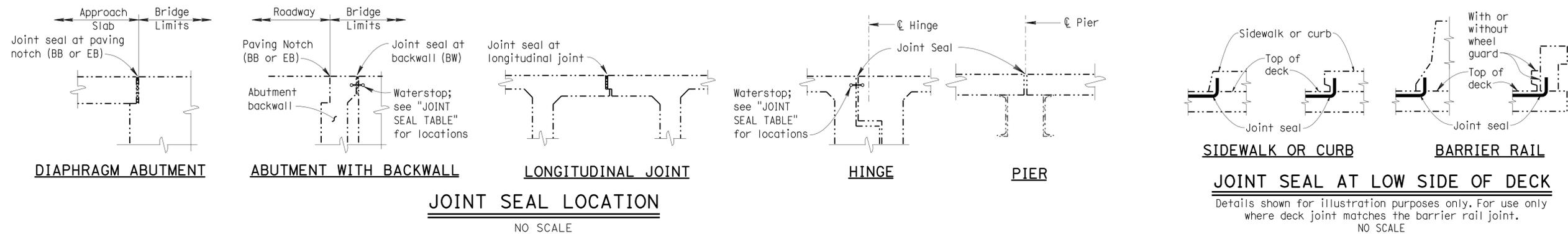
LEGEND:
 BW = Backwall
 H = Hinge
 PN = Paving Notch
 * = Bonded Joint Seal

The following note applies to JOINT SEAL TYPE A:

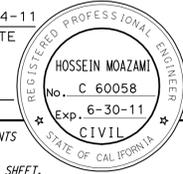
Install Type A joint seal 3" up into curb or rail on the low side of the deck where joint matches curb or rail joint. For details not shown see 

The following notes apply to JOINT SEAL TYPE B:

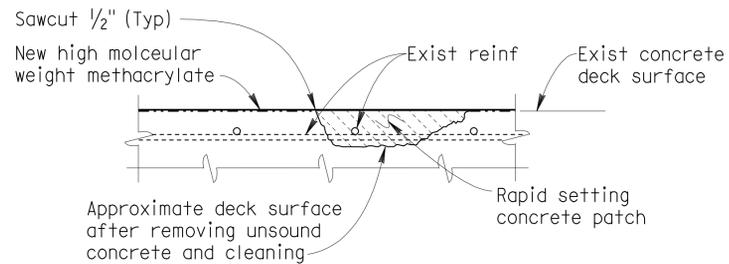
- Seal must satisfy both minimum Movement Rating (MR) and minimum W1 requirements.
- Minimum W1 is the calculated maximum width of the joint based on field measurements. After the joints have been cleaned, minimum W1 is to be calculated by the Engineer.
- W1 shall be the smaller of the values determined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



STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)	DESIGN	BY F. Espinoza	CHECKED H. Moazami	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTE 99 BRIDGES
	DETAILS	BY M. Hallstrom	CHECKED H. Moazami			VARIOUS	
	QUANTITIES	BY F. Espinoza	CHECKED H. Moazami			POST MILE	
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				CU 03 EA 3M6901	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET 6 OF 7

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	SAC	16,99	VARIES	20	20
 REGISTERED CIVIL ENGINEER			2-14-11	DATE	
3-7-11 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>					

DECK REPAIR TABLE					
BRIDGE NAME	BRIDGE NUMBER	APPROXIMATE AREA DAMAGED (PERCENT)	APPROXIMATE DEPTH (INCHES)	REMOVE UNSOUND CONCRETE APPROX. (CF)	RAPID SETTING CONCRETE PATCH APPROX. (CF)
LAGUNA CREEK	24-0343	1	3	8.0	8.0
LAGUNA BOULEVARD OVERCROSSING	24-0358	1	3	56.0	56.0
CALVINE ROAD OVERCROSSING	24-0360	1	3	78.0	78.0
STRAWBERRY CREEK	24-0016K	1	3	13.0	13.0
STOCKTON BOULEVARD OVERCROSSING	24-0134K	1	3	16.0	16.0
OAK PARK SEPARATION	24-0231R	1	3	175.0	175.0
EAST CONNECTOR OVERCROSSING	24-0222G	1	3	154	154



DECK REPAIR DETAIL

Reinforcement may be encountered during deck concrete removal.
NO SCALE

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)	DESIGN	BY F. Espinoza	CHECKED H. Moazami	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	VARIOUS	ROUTE 99 BRIDGES DECK REPAIR DETAILS	
	DETAILS	BY M. Hallstrom	CHECKED H. Moazami			POST MILE	VARIES		
	QUANTITIES	BY F. Espinoza	CHECKED H. Moazami			BRIDGE NO.	VARIOUS		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				0 1 2 3	CU 03 EA 3M6901	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES 1-11-11 2-14-11	SHEET 7 OF 7