Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sac	51	0.2/1.1	1	18

INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2	CONSTRUCTION DETAILS AND SUMMARY OF QUANTITIES
3	CONSTRUCTION AREA SIGNS
4	MOTORIST INFORMATION PLAN
5	PAVEMENT DELINEATION QUANTITIES
6-11	NEW AND REVISED STANDARD PLANS
	STRUCTURE PLANS
12-18	FORT SUTTER VIADUCT, Br No. 24-0188L

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

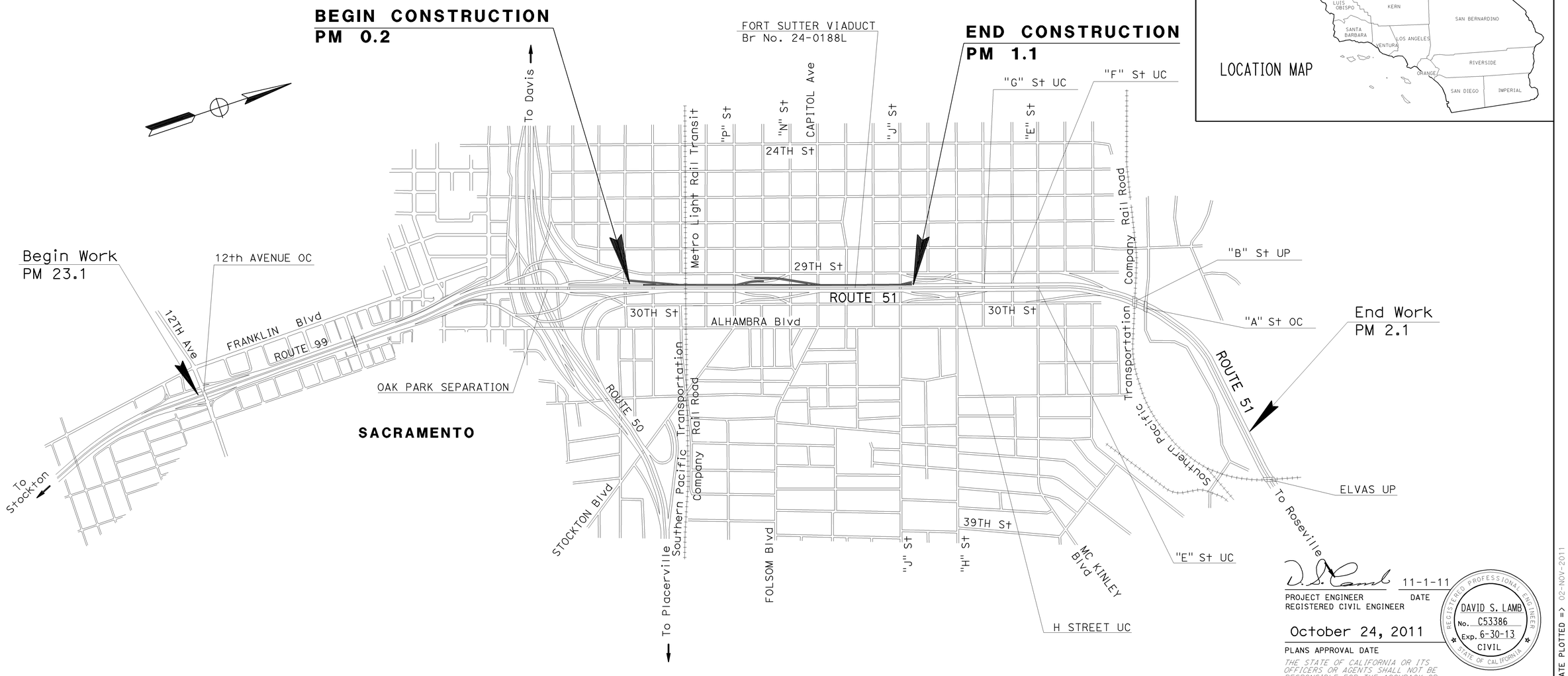
IN SACRAMENTO COUNTY

IN SACRAMENTO

FROM 0.2 MILE NORTH OF OAK PARK SEPARATION

TO 0.2 MILE SOUTH OF H STREET UNDERCROSSING

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



LOCATION MAP

Caltrans

PROJECT MANAGER: RONALD S. SYKES

DESIGN ENGINEER: RONALD S. SYKES

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

NO SCALE

D. S. Lamb

PROJECT ENGINEER
REGISTERED CIVIL ENGINEER

11-1-11
DATE

REGISTERED PROFESSIONAL ENGINEER
DAVID S. LAMB
No. C53386
Exp. 6-30-13
CIVIL
STATE OF CALIFORNIA

October 24, 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.	03-4M2204
PROJECT ID	0300020065

LAST REVISION 00-00-00 DATE PLOTTED => 02-NOV-2011 TIME PLOTTED => 12:07

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sac	51	0.2/1.1	2	18

D.S. Lamb 11-1-11
REGISTERED CIVIL ENGINEER DATE

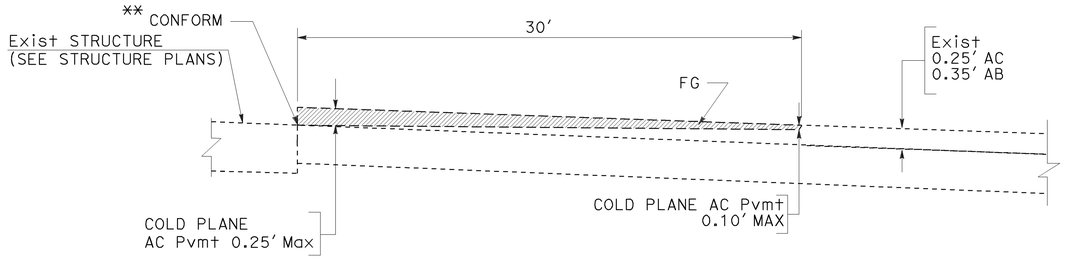
10-24-11
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
DAVID S. LAMB
No. C53386
Exp.06-30-13
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, OR RAMP

ROADWAY QUANTITIES

COUNTY	ROUTE	DESCRIPTION	COLD PLANE AC PAVEMENT	GRIND EXISTING CONCRETE PAVEMENT	HMA (TYPE A)	TACK COAT
			SQYD	SQYD	TON	TON
SAC	51	H STREET ON RAMP	75		1	0.10
SAC	51	P STREET OFF RAMP	125		15	0.13
SAC	51	N STREET ON RAMP	121		14	0.13
SAC	51	50 CONNECTOR		128	16	0.15
SUBTOTAL						
TOTAL			321	128	46	0.51

CONSTRUCTION DETAILS AND SUMMARY OF QUANTITES

NO SCALE

C-1

REVISED BY | DATE REVISED
ROBERT M. FLOYDE | DAVID S. LAMB
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: RONALD S. SYKES
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
MAINTENANCE
Caltrans

LAST REVISION | DATE PLOTTED => 02-NOV-2011
TIME PLOTTED => 12:07

BORDER LAST REVISED 7/1/2010 | USERNAME => s134507 | DGN FILE => 0300020065ga001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0484 | PROJECT NUMBER & PHASE 03000200651

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sac	51	0.2/1.1	3	18

Jeffrey Jewett 11-1-11
REGISTERED CIVIL ENGINEER DATE

10-24-11
PLANS APPROVAL DATE

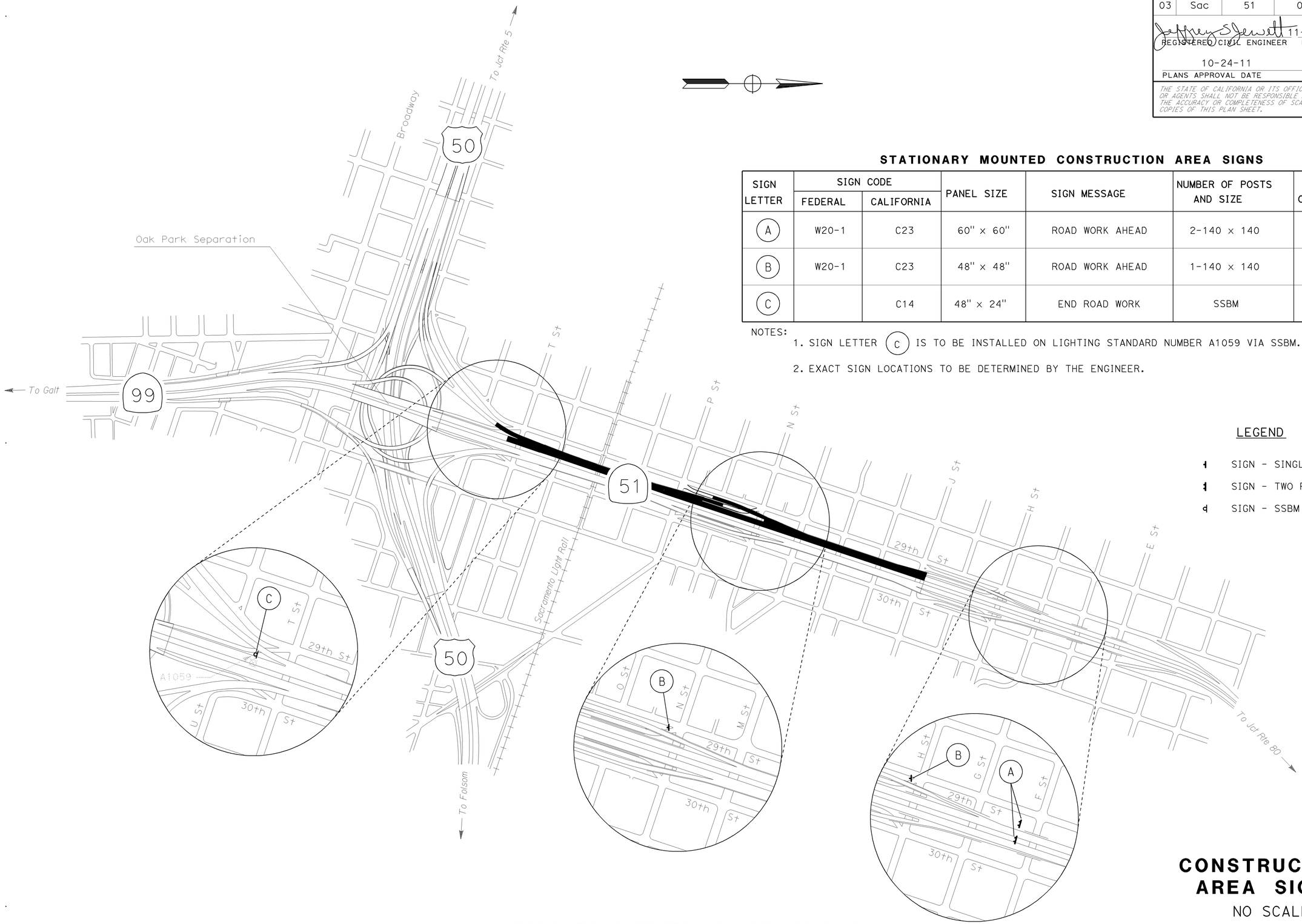
REGISTERED PROFESSIONAL ENGINEER
JEFFERY S. JEWETT
No. C49233
Exp 09-30-12
CIVIL
STATE OF CALIFORNIA

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

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN LETTER	SIGN CODE		PANEL SIZE	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	NUMBER OF SIGNS
	FEDERAL	CALIFORNIA				
(A)	W20-1	C23	60" x 60"	ROAD WORK AHEAD	2-140 x 140	2
(B)	W20-1	C23	48" x 48"	ROAD WORK AHEAD	1-140 x 140	2
(C)		C14	48" x 24"	END ROAD WORK	SSBM	1

NOTES:
1. SIGN LETTER (C) IS TO BE INSTALLED ON LIGHTING STANDARD NUMBER A1059 VIA SSBM.
2. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.



LEGEND

- SIGN - SINGLE POST
- SIGN - TWO POST
- SIGN - SSBM

CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
TRAFFIC
FUNCTIONAL SUPERVISOR: SERGIO ACEVES
CALCULATED-DESIGNED BY: JEFF JEWETT
CHECKED BY: JOHN KEBER
REVISED BY
DATE REVISED

LAST REVISION 09-21-11
DATE PLOTTED => 02-NOV-2011
TIME PLOTTED => 12:07

BORDER LAST REVISED 7/2/2010
USERNAME => s134507
DGN FILE => 03000200651a001.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0389
PROJECT NUMBER & PHASE 03000200651

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sac	51	0.2/1.1	4	18

Jeffrey Jewett 11-1-11
REGISTERED CIVIL ENGINEER DATE

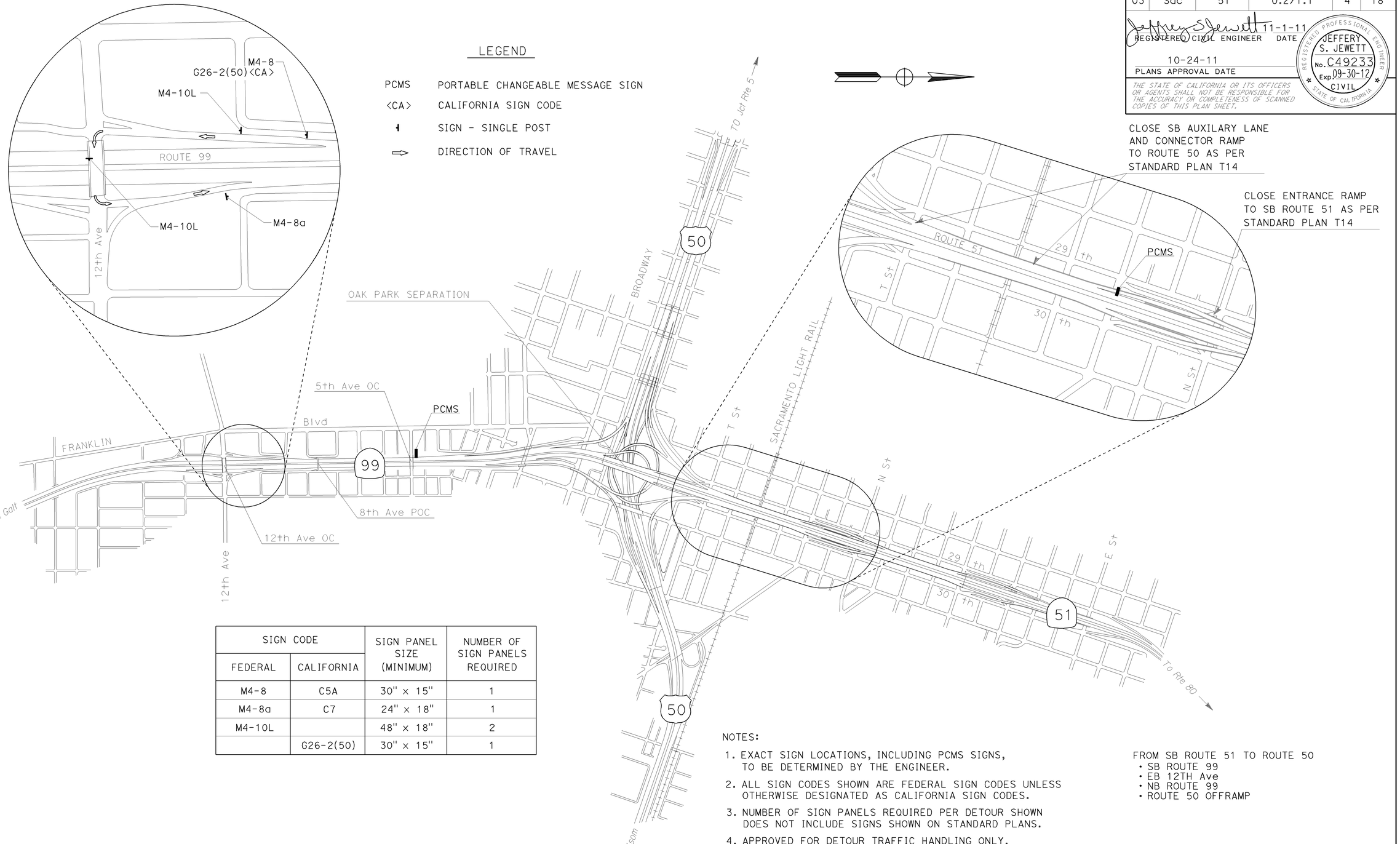
REGISTERED PROFESSIONAL ENGINEER
JEFFERY S. JEWETT
No. C49233
Exp 09-30-12
CIVIL
STATE OF CALIFORNIA

10-24-11
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.

LEGEND

PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
<CA>	CALIFORNIA SIGN CODE
	SIGN - SINGLE POST
	DIRECTION OF TRAVEL



SIGN CODE		SIGN PANEL SIZE (MINIMUM)	NUMBER OF SIGN PANELS REQUIRED
FEDERAL	CALIFORNIA		
M4-8	C5A	30" x 15"	1
M4-8a	C7	24" x 18"	1
M4-10L		48" x 18"	2
	G26-2(50)	30" x 15"	1

NOTES:

1. EXACT SIGN LOCATIONS, INCLUDING PCMS SIGNS, TO BE DETERMINED BY THE ENGINEER.
2. ALL SIGN CODES SHOWN ARE FEDERAL SIGN CODES UNLESS OTHERWISE DESIGNATED AS CALIFORNIA SIGN CODES.
3. NUMBER OF SIGN PANELS REQUIRED PER DETOUR SHOWN DOES NOT INCLUDE SIGNS SHOWN ON STANDARD PLANS.
4. APPROVED FOR DETOUR TRAFFIC HANDLING ONLY.

FROM SB ROUTE 51 TO ROUTE 50
- SB ROUTE 99
- EB 12TH Ave
- NB ROUTE 99
- ROUTE 50 OFFRAMP

MOTORIST INFORMATION PLAN

NO SCALE

MI-1

APPROVED FOR MOTORIST INFORMATION WORK ONLY

CALCULATED-DESIGNED BY
CHECKED BY
REVISED BY
DATE REVISED
JEFF JEWETT
JOHN KEBER
FUNCTIONAL SUPERVISOR
SERGIO ACEVES
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC

LAST REVISION 07-05-11
DATE PLOTTED => 02-NOV-2011
TIME PLOTTED => 12:07

BORDER LAST REVISED 7/2/2010
USERNAME => s134507
DGN FILE => 0300020065mg001.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0389
PROJECT NUMBER & PHASE 03000200651

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sac	51	0.2/1.1	5	18

Jeffrey Jewett 11-1-11
REGISTERED CIVIL ENGINEER DATE

10-24-11
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JEFFERY S. JEWETT
No. C49233
Exp. 09-30-12
CIVIL
STATE OF CALIFORNIA

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

4" THERMOPLASTIC TRAFFIC STRIPE
(BROKEN 12 - 36)

DETAIL NUMBER	LF
12	13,629
14A	433
TOTAL	14,062

4" THERMOPLASTIC TRAFFIC STRIPE
(BROKEN 17 - 7)

DETAIL NUMBER	LF
9	230
TOTAL	230

8" THERMOPLASTIC TRAFFIC STRIPE

DETAIL NUMBER	LF
36	1,457
36A	423
38	709
38B	338
TOTAL	2,927

8" THERMOPLASTIC TRAFFIC STRIPE
(BROKEN 12 - 3)

DETAIL NUMBER	LF
37	1,982
TOTAL	1,982

THERMOPLASTIC PAVEMENT MARKING

DESCRIPTION	NUMBER	SQUARE FEET
"SIGNAL"	1 @ 32 FT^2	32
"AHEAD"	1 @ 31 FT^2	31
TYPE I(24') ARROW	5 @ 31 FT^2	155
TYPE II ARROW	3 @ 45 FT^2	135
TYPE III ARROW	3 @ 42 FT^2	126
TYPE V ARROW	2 @ 33 FT^2	66
DIAMOND SYMBOL	10 @ 11 FT^2	110
LIMIT LINE	2	31
TOTAL		686

PAVEMENT MARKER (RETROREFLECTIVE)

DETAIL NUMBER	TYPE C (EACH)	TYPE G (EACH)	TYPE H (EACH)
9		6	
12		285	
14A	12		
25A			53
25			94
36		62	
36A		19	
37	8	124	
38		31	
38B		30	
SUBTOTAL	20	557	147
TOTAL	724		

4"THERMOPLASTIC TRAFFIC STRIPE

DETAIL NUMBER	LF
25A	1,253
25	4,985
27B	6,178
TOTAL	12,416

PAVEMENT DELINEATION QUANTITIES

PDQ-1

CALCULATED-DESIGNED BY
CHECKED BY
REVISED BY
DATE REVISED
JEFF JEWETT
JOHN KEBER
FUNCTIONAL SUPERVISOR
SERGIO ACEVES
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
TRAFFIC

LAST REVISION DATE PLOTTED => 02-NOV-2011
TIME PLOTTED => 12:07
07-05-11

BORDER LAST REVISED 7/2/2010
USERNAME => s134507
DGN FILE => 0300020065nc001.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0389
PROJECT NUMBER & PHASE 03000200651

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	Sac	51	0.2/1.1	6	18

REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

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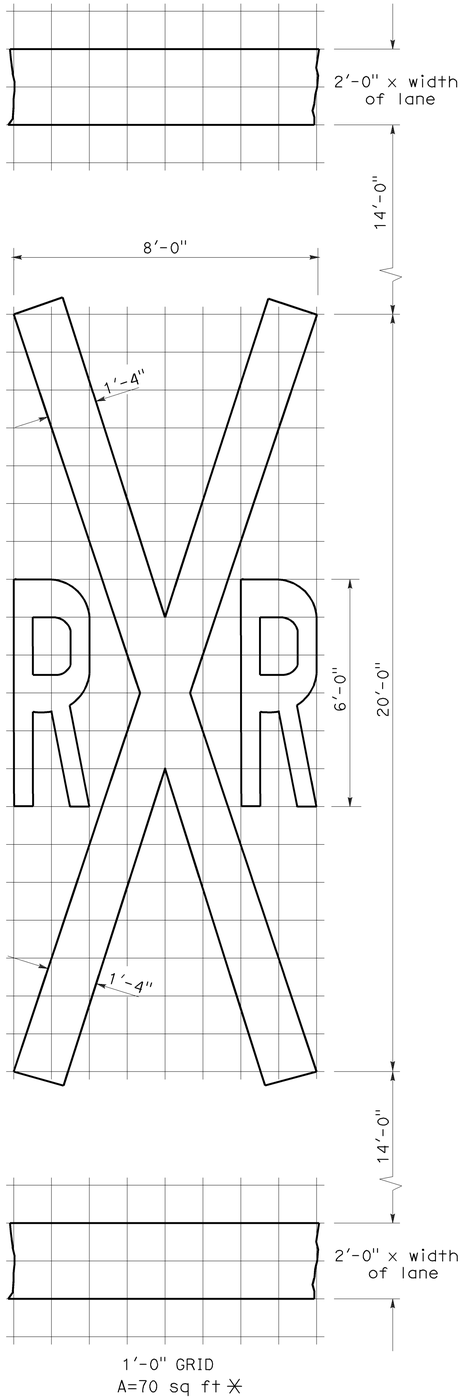
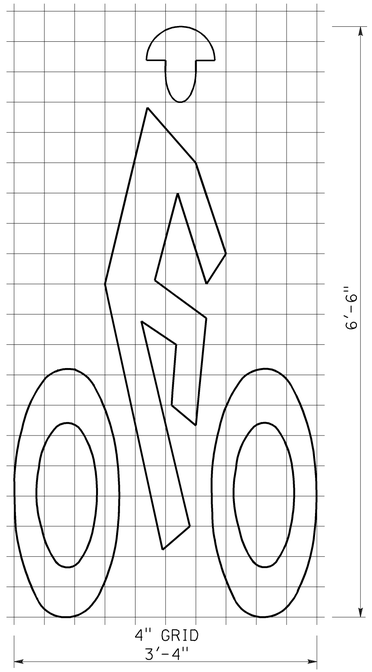
To accompany plans dated 10-24-11



1'-0" GRID
A=70 sq ft ✳

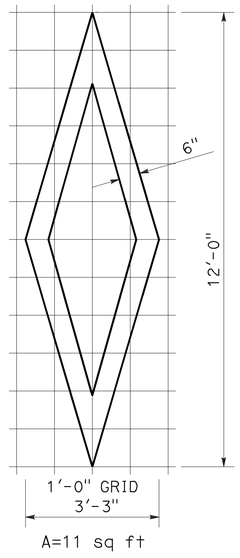
RAILROAD CROSSING SYMBOL

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



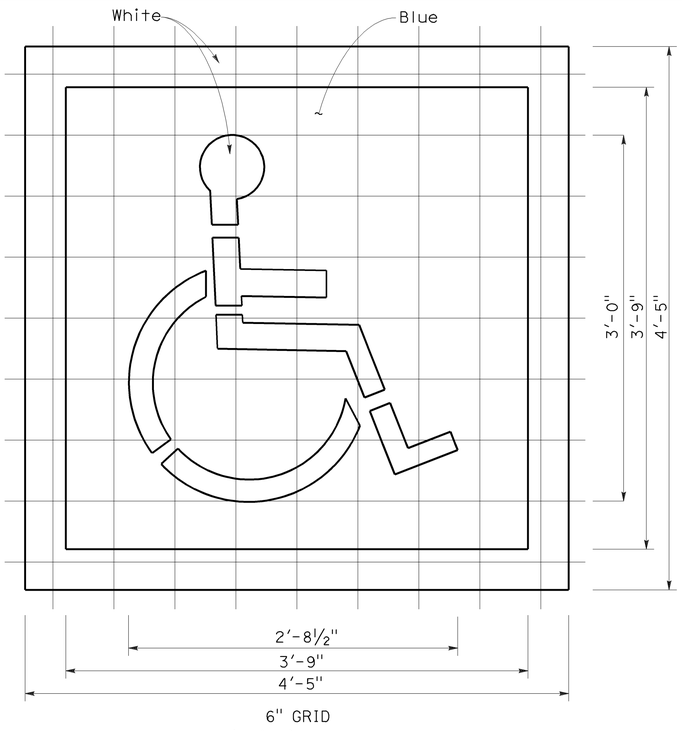
A=7 sq ft

BIKE LANE SYMBOL



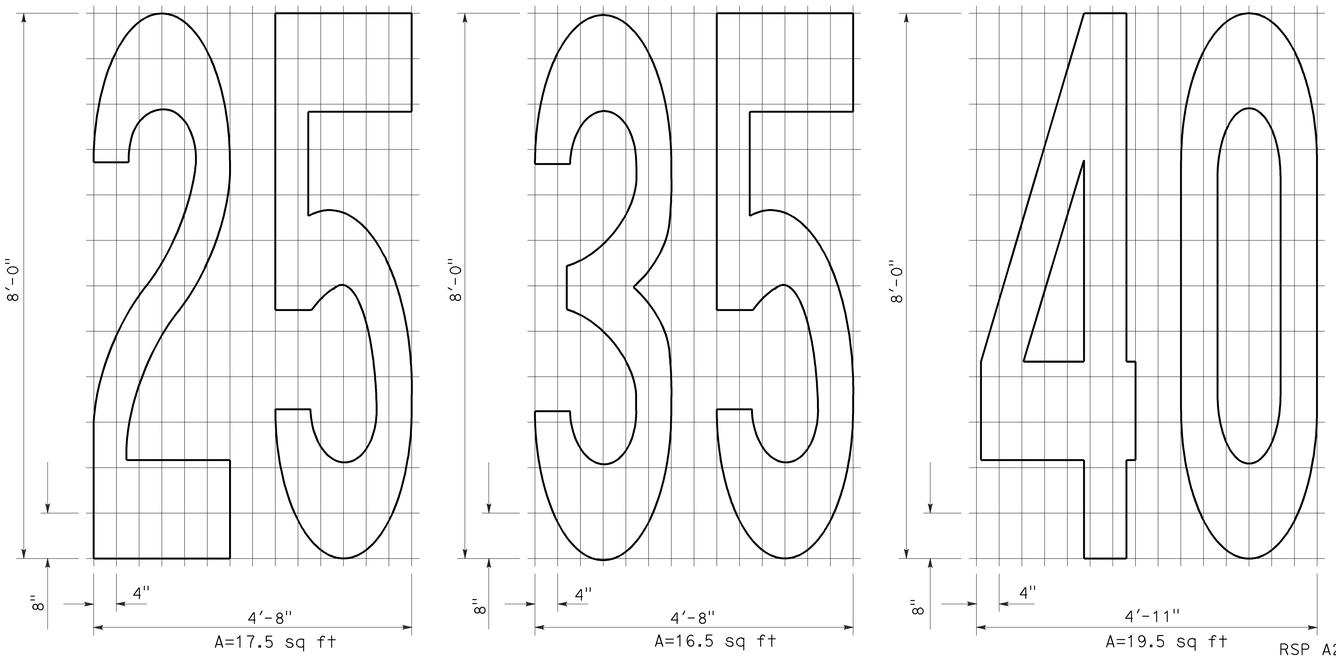
A=11 sq ft

DIAMOND SYMBOL



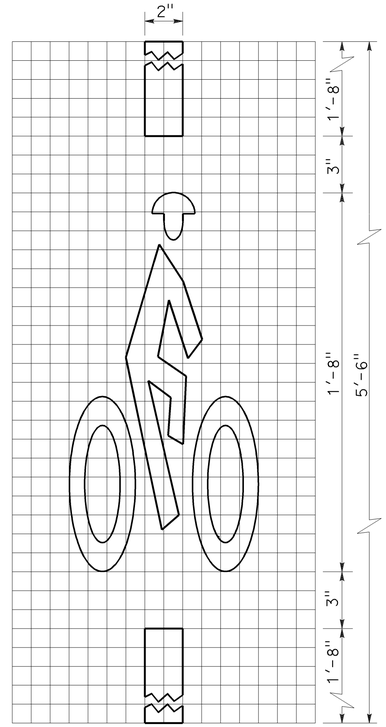
6" GRID
A (White) =9 sq ft
A (Blue) =14 sq ft

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

RSP A24C DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN A24C DATED MAY 1, 2006 - PAGE 11 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP A24C

2006 REVISED STANDARD PLAN RSP A24C

5-27-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	Sac	51	0.2/1.1	7	18

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

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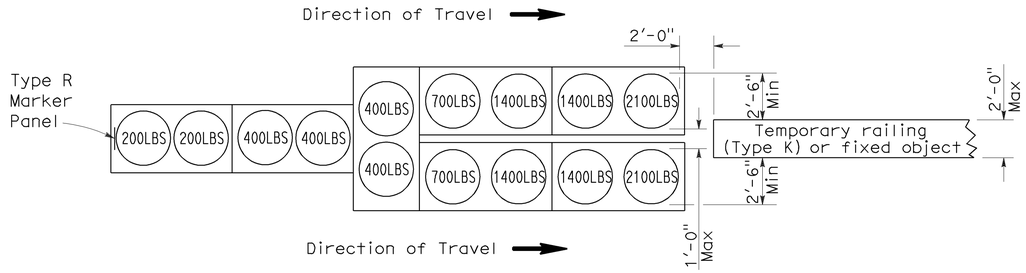
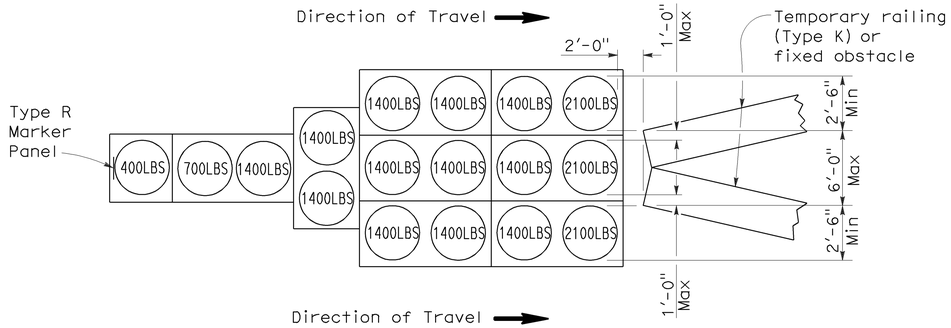
To accompany plans dated 10-24-11



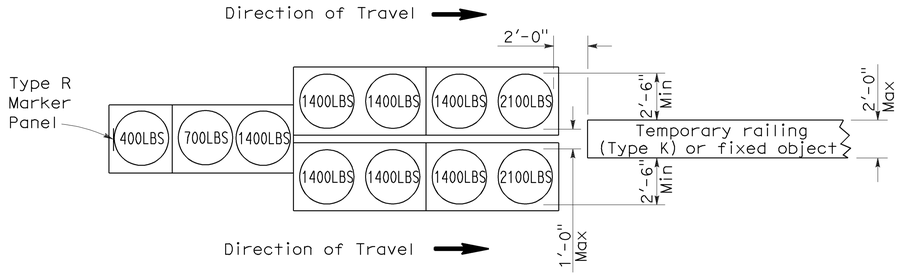
ARRAY 'TU14'

Approach speed 45 mph or more



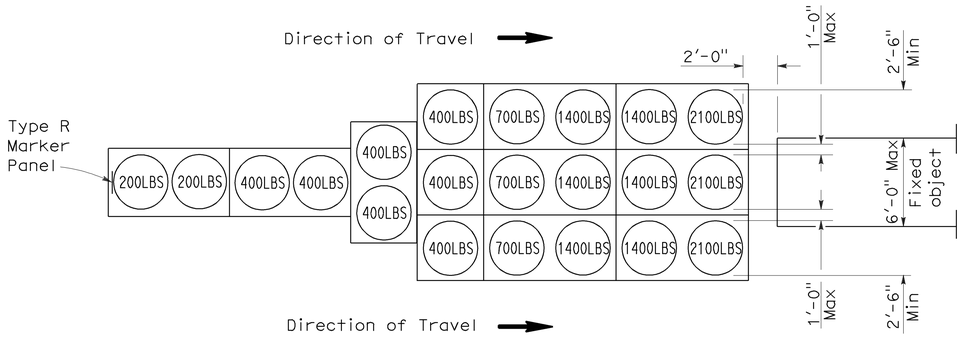
ARRAY 'TU17'

Approach speed less than 45 mph



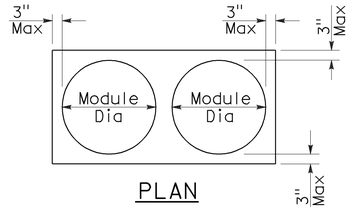
ARRAY 'TU11'

Approach speed less than 45 mph

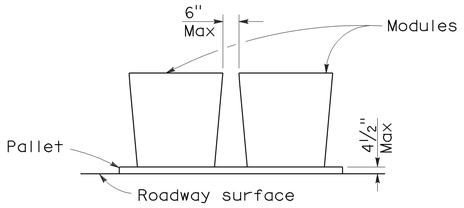


ARRAY 'TU21'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

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

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY CRASH CUSHION, SAND FILLED (UNIDIRECTIONAL)

NO SCALE

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

REVISED STANDARD PLAN RSP T1A

2006 REVISED STANDARD PLAN RSP T1A

5-15-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	Sac	51	0.2/1.1	8	18

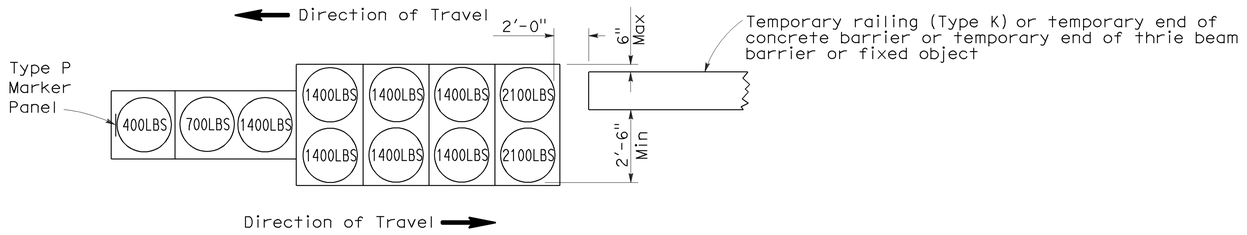
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

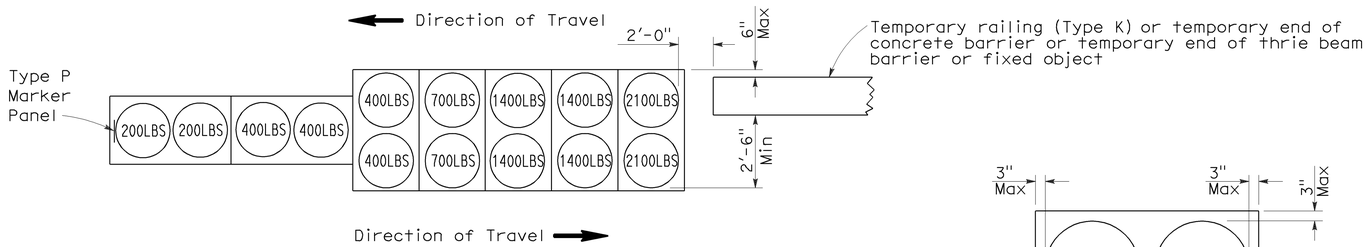
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 10-24-11



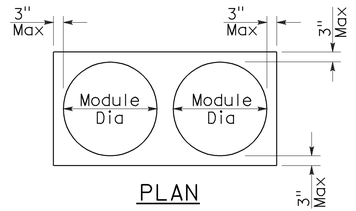
ARRAY 'TB11'

Approach speed less than 45 mph

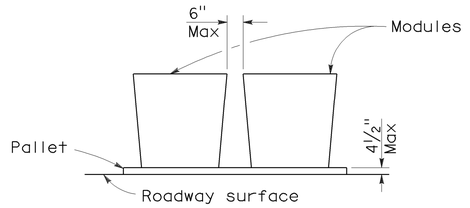


ARRAY 'TB14'

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

5-15-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	Sac	51	0.2/1.1	9	18

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

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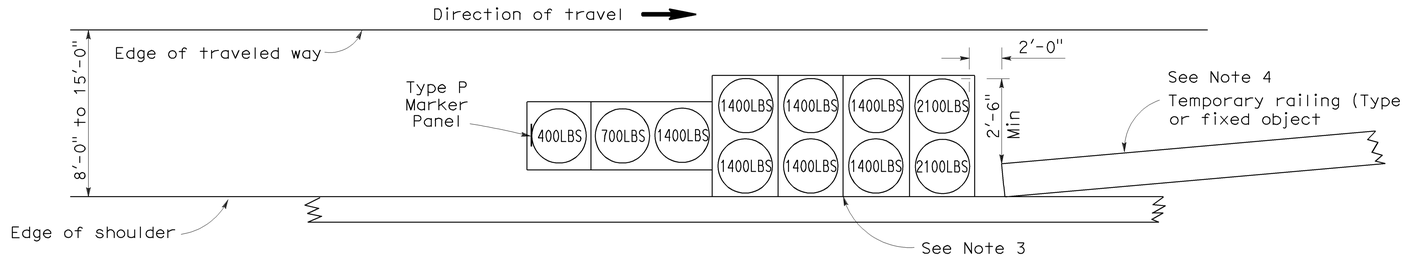
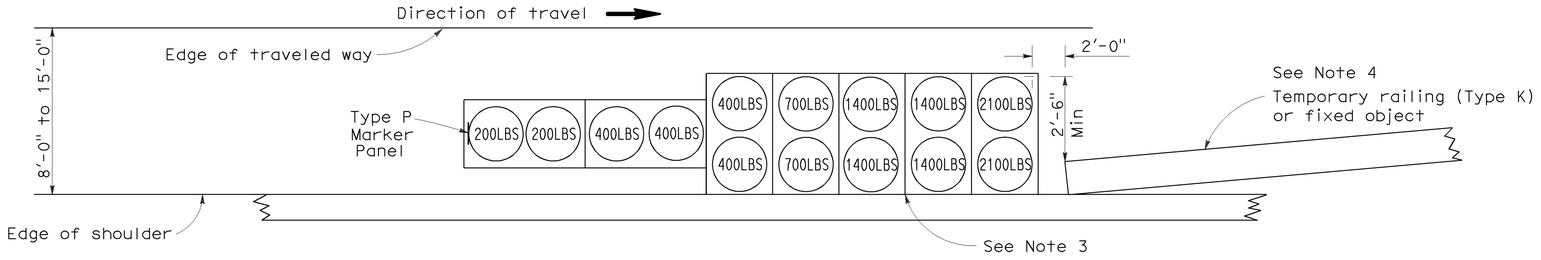
To accompany plans dated 10-24-11



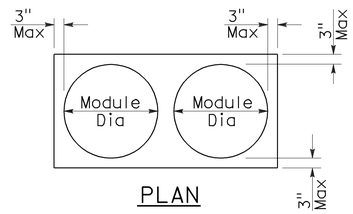
ARRAY 'TS11'

Approach speed less than 45 mph
See Note 9

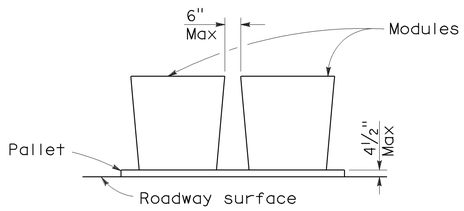


ARRAY 'TS14'

Approach speed 45 mph or more
See Note 9



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 11

NOTES:

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

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

5-15-08

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sac	51	0.2/1.1	10	18

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

May 20, 2011
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-11
CIVIL
STATE OF CALIFORNIA

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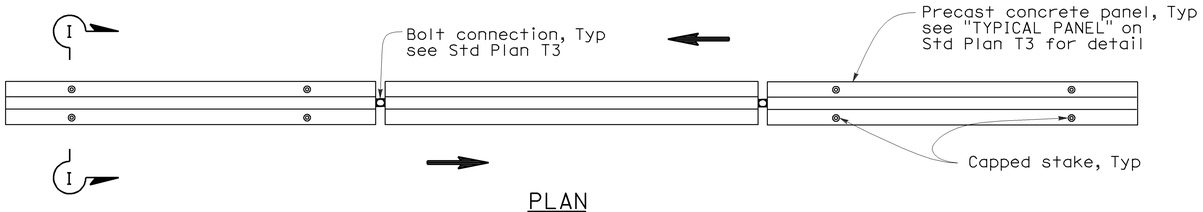
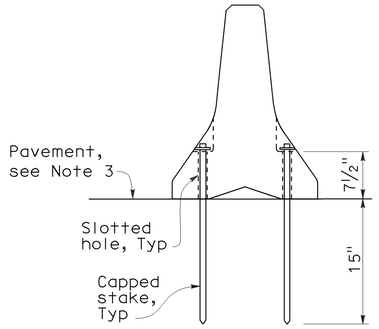
To accompany plans dated 10-24-11



PLAN

RAILING STAKING CONFIGURATION FOR TWO-WAY TRAFFIC

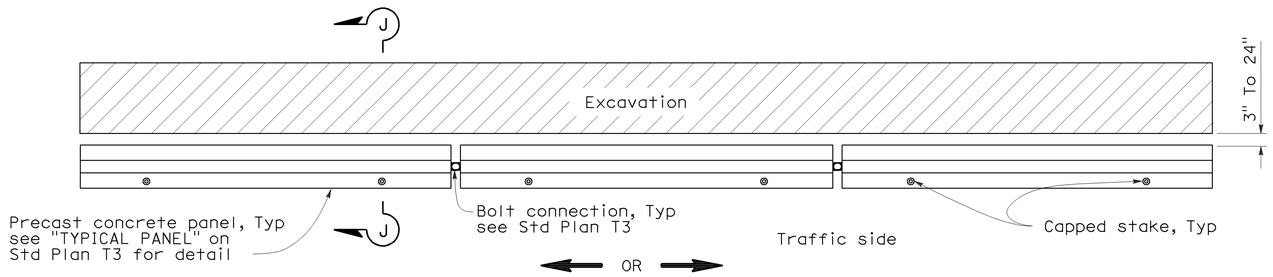
See Note 1



SECTION I-I

NOTES:

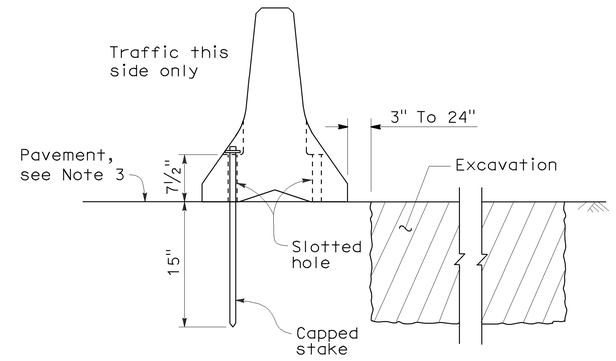
1. Where Type K Temporary Railing is placed as a temporary or long term barrier in two-way traffic on highways with less than 24" from the edge of traveled way, use four capped stakes per every other panel with end panels staked.
2. Where Type K Temporary Railing is placed 3" to 24" from the edge of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



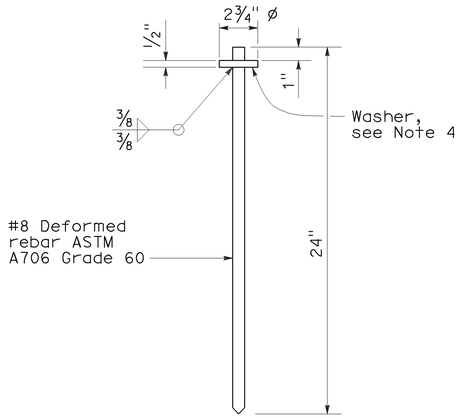
PLAN

RAILING STAKING CONFIGURATION ADJACENT TO AN EXCAVATION

See Note 2



SECTION J-J



CAPPED STAKE DETAIL

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY RAILING (TYPE K)

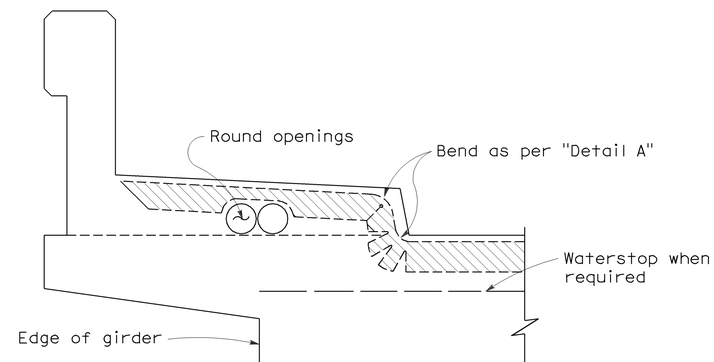
NO SCALE

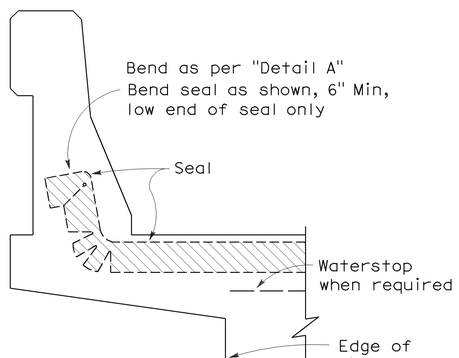
NSP T3A DATED MAY 20, 2011 SUPPLEMENTS
THE STANDARD PLANS BOOK DATED MAY 2006.

NEW STANDARD PLAN NSP T3A

2006 NEW STANDARD PLAN NSP T3A

8-31-10



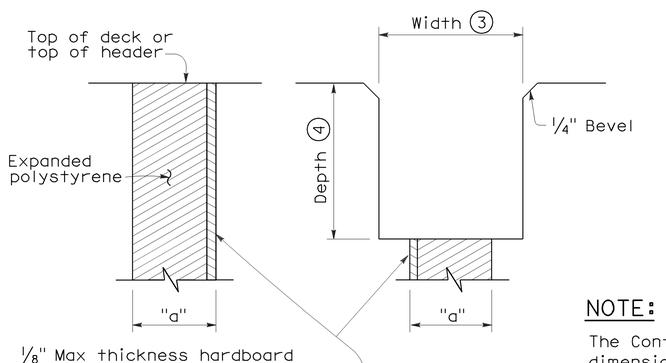


NOTE:

Type "B" seal shown. Type "A" seals to comform 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 fabricatiing any material.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	Sac	51	0.2/1.1	11	18

REGISTERED CIVIL ENGINEER

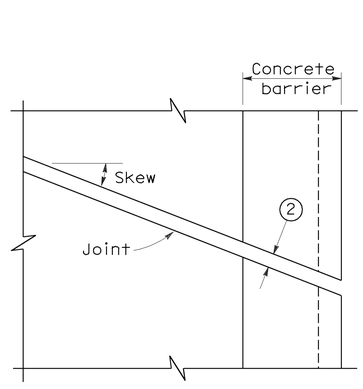
Efthymios Delis
No. C51434
Exp. 6-30-08
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

October 5, 2007
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.

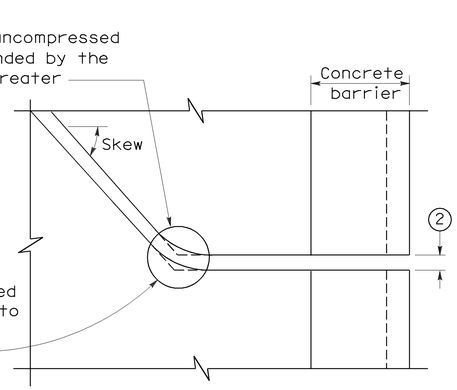
To accompany plans dated 10-24-11

JOINT SEALS DETAILS

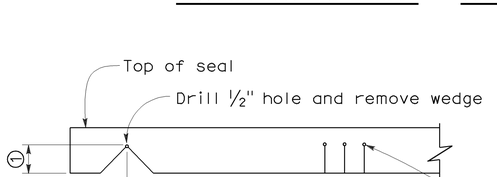


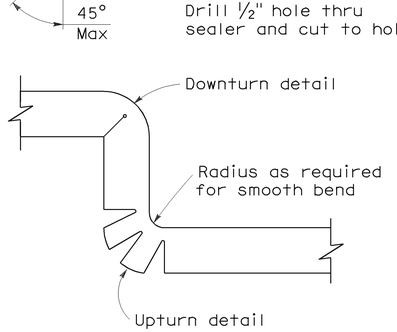
PLAN OF JOINT (SKEW ≤ 20°)

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



PLAN OF JOINT (SKEW > 20°)





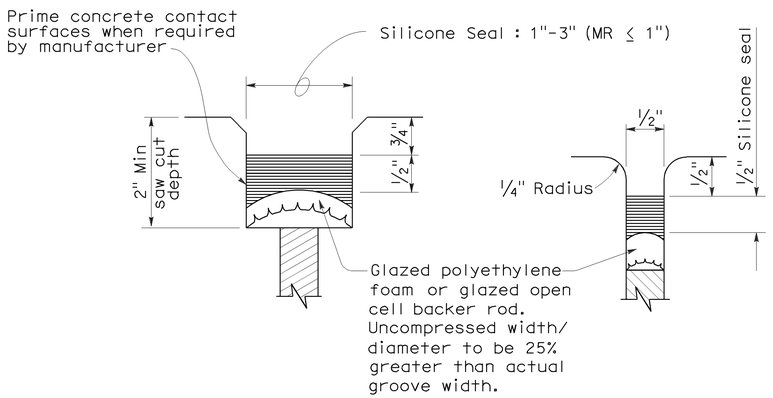
DETAIL A

NOTES:

1. Make smooth cuts from the bottom of seal to 1½" 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 (W_2) 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	1½"	1¼"	¾"
	CIP/PS	1¼"	1"	½"
1½"	All except CIP/PS	1¼"	1"	½"
	CIP/PS	1"	¾"	½"
1"	All except CIP/PS	1"	¾"	½"
	CIP/PS	¾"	½"	½"
½"	All except CIP/PS	¾"	¾"	½"
	CIP/PS	½"	½"	½"

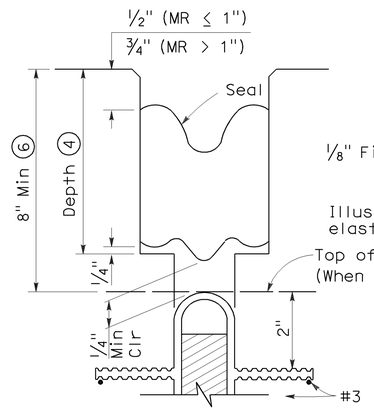


TYPE A SEAL

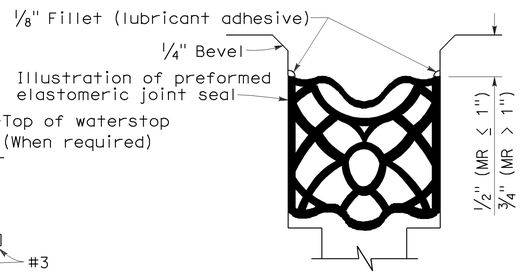
Movement rating : Silicone = 1" Max

TYPE AL SEAL

Longitudinal joints only



TYPE B JOINT SEAL
IN MINIMUM WIDTH POSITION (W_2)



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.

REVISED STANDARD PLAN RSP B6-21

2006 REVISED STANDARD PLAN RSP B6-21

5-8-07

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sac	51	0.2/1.1	12	18

Charles R Hutchinson 6-22-11
REGISTERED CIVIL ENGINEER DATE

10-24-11
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHARLES R. HUTCHINSON
No. C 54226
Exp. 12-31-11
CIVIL
STATE OF CALIFORNIA

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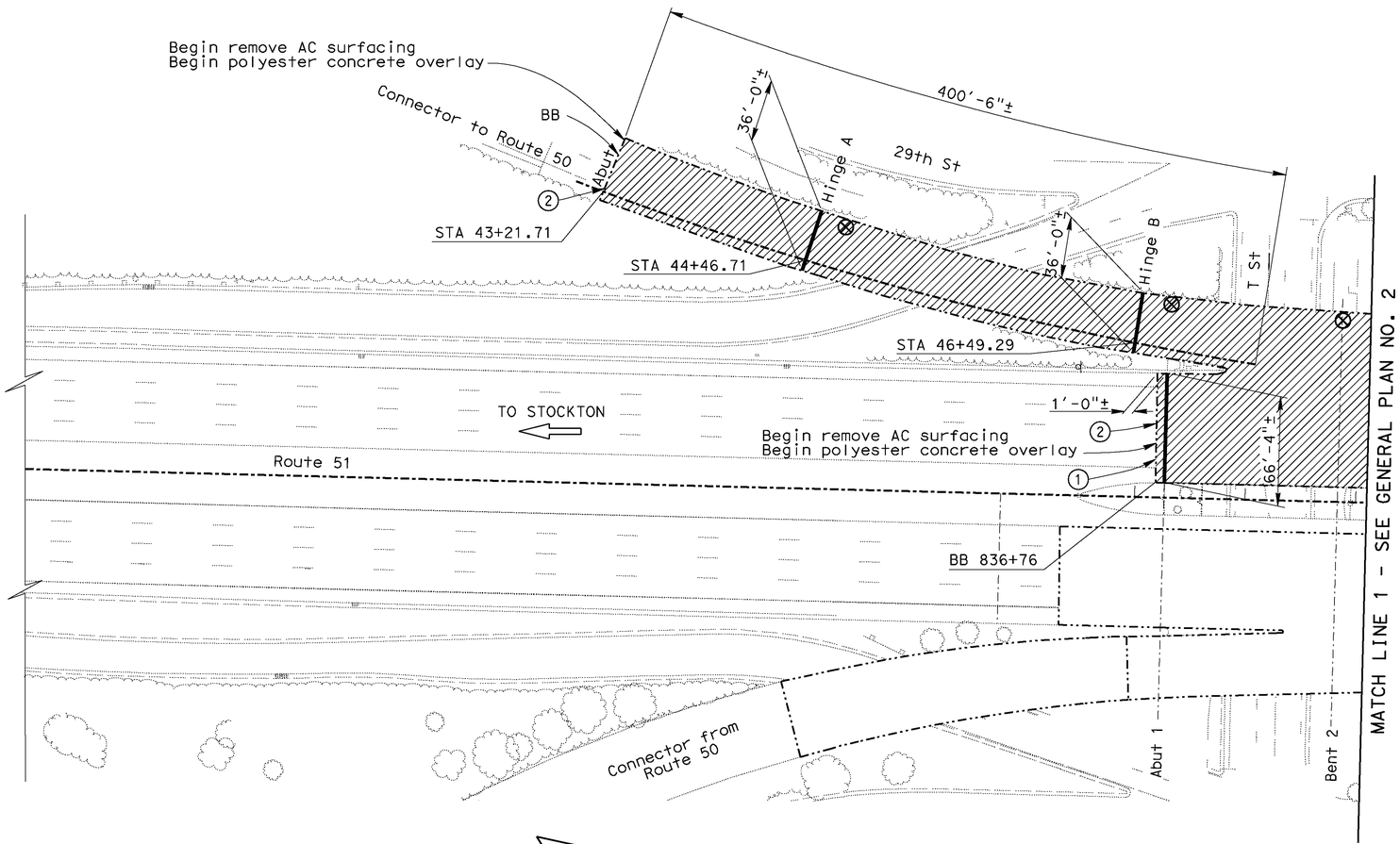

PLAN
1" = 40'

NOTES: (APPLY TO ALL SHEETS)
Indicates existing.

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 remove existing 1"± AC surfacing, polyester concrete expansion dams, remove unsound concrete, repair deck and place new 1" min depth polyester concrete overlay. See MISCELLANEOUS DETAILS, for "DECK REPAIR DETAILS".

Indicates limits of remove existing joint seal and place new joint seal. For details, see MISCELLANEOUS DETAILS sheet.

(1) Replace expansion dam on roadway side of joint. See MISCELLANEOUS DETAILS NO. 2 sheet.

(2) See Roadway Plans for conform details.

⊗ Indicates location of down drains to be cleaned.

QUANTITIES

REMOVE ASPHALT CONCRETE SURFACING	400,550	SQFT
REMOVE UNSOUND CONCRETE	20,028	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	400,550	SQFT
CLEAN EXPANSION JOINT	1,439	LF
RAPID SETTING CONCRETE (PATCH)	20,028	CF
FURNISH POLYESTER CONCRETE OVERLAY	40,055	CF
PLACE POLYESTER CONCRETE OVERLAY	400,550	SQFT
PUBLIC SAFETY PLAN	LUMP	SUM
POLYESTER CONCRETE EXPANSION DAM	19	CF
JOINT SEAL (MR 1")	264	LF
JOINT SEAL (MR 1½")	130	LF
JOINT SEAL (MR 2")	1,045	LF
CLEAN BRIDGE DECK DRAINS	50	EA

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	MISCELLANEOUS DETAILS NO. 1
7	MISCELLANEOUS DETAILS NO. 2

STANDARD PLANS DATED MAY 2006

SHEET NO.	TITLE
A10A	ACRONYMS AND ABBREVIATIONS (SHEET 1 OF 2)
A10B	ACRONYMS AND ABBREVIATIONS (SHEET 2 OF 2)

6-22-11 Michael J. Lee
DESIGN ENGINEER

DESIGN	BY C. Hutchinson	CHECKED H. Dang	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	
DETAILS	BY M. Hallstrom	CHECKED H. Dang	LAYOUT	BY M. Hallstrom	CHECKED C. Hutchinson
QUANTITIES	BY C. Hutchinson	CHECKED H. Dang	SPECIFICATIONS	BY K. Meier	PLANS AND SPECS COMPARED K. Meier

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. 24-0188L
POST MILE 0.2/1.1

FORT SUTTER VIADUCT
GENERAL PLAN NO. 1

STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X
PROJECT NUMBER & PHASE: 030002000651 CONTRACT NO.: 03-4M2201

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES				SHEET	OF
6-22-11				1	7

FILE => 03-4m2201_01gp1.dgn

USERNAME => s1137417 DATE PLOTTED => 14-NOV-2011 TIME PLOTTED => 08:35

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sac	51	0.2/1.1	13	18

Charles R Hutchinson 6-22-11
REGISTERED CIVIL ENGINEER DATE

10-24-11
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHARLES R. HUTCHINSON
No. C 54226
Exp. 12-31-11
CIVIL
STATE OF CALIFORNIA

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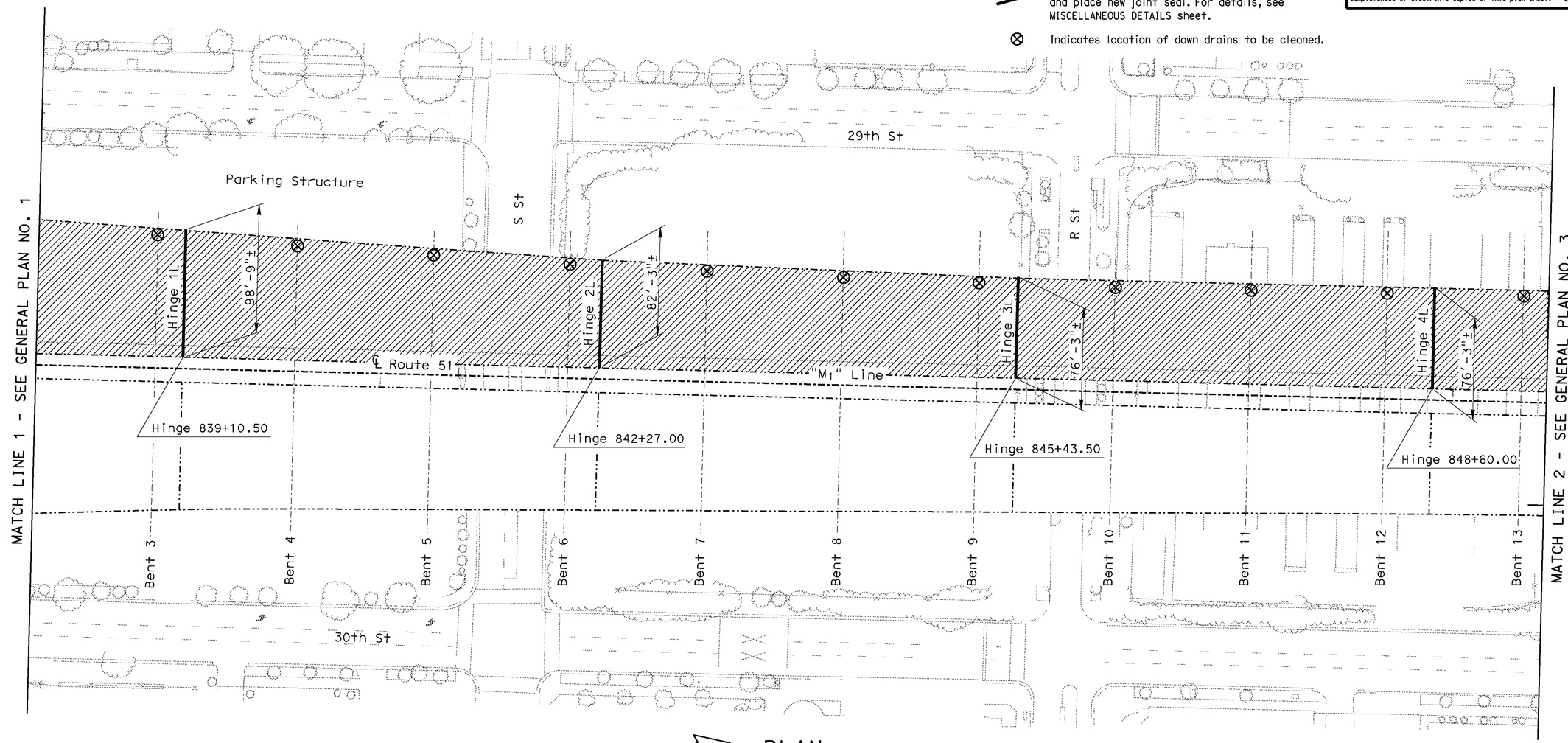
NOTES: (APPLY TO THIS SHEET ONLY)

Indicates limits of remove existing 1"± AC surfacing, polyester concrete expansion dams, remove unsound concrete, repair deck and place new 1" min depth polyester concrete overlay. See MISCELLANEOUS DETAILS, for "DECK REPAIR DETAILS".

Indicates limits of remove existing joint seal and place new joint seal. For details, see MISCELLANEOUS DETAILS sheet.

⊗ Indicates location of down drains to be cleaned.



N

PLAN
1" = 40'

	DESIGN	BY C. Hutchinson	CHECKED H. Dang	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	
6-22-11 Michael J. Lee	DETAILS	BY M. Hallstrom	CHECKED H. Dang	LAYOUT	BY M. Hallstrom	CHECKED C. Hutchinson
DESIGN ENGINEER	QUANTITIES	BY C. Hutchinson	CHECKED H. Dang	SPECIFICATIONS	BY K. Meier	PLANS AND SPECS COMPARED K. Meier

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. 24-0188L
POST MILE 0.2/1.1

FORT SUTTER VIADUCT
GENERAL PLAN NO. 2

STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X
PROJECT NUMBER & PHASE: 030002000651 CONTRACT NO.: 03-4M2201

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
6-22-11				2	7

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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sac	51	0.2/1.1	14	18

Charles R Hutchinson 6-22-11
REGISTERED CIVIL ENGINEER DATE

10-24-11
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHARLES R. HUTCHINSON — No. C 54226 — Exp. 12-31-11 — CIVIL — STATE OF CALIFORNIA

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NOTES: (APPLY TO THIS SHEET ONLY)

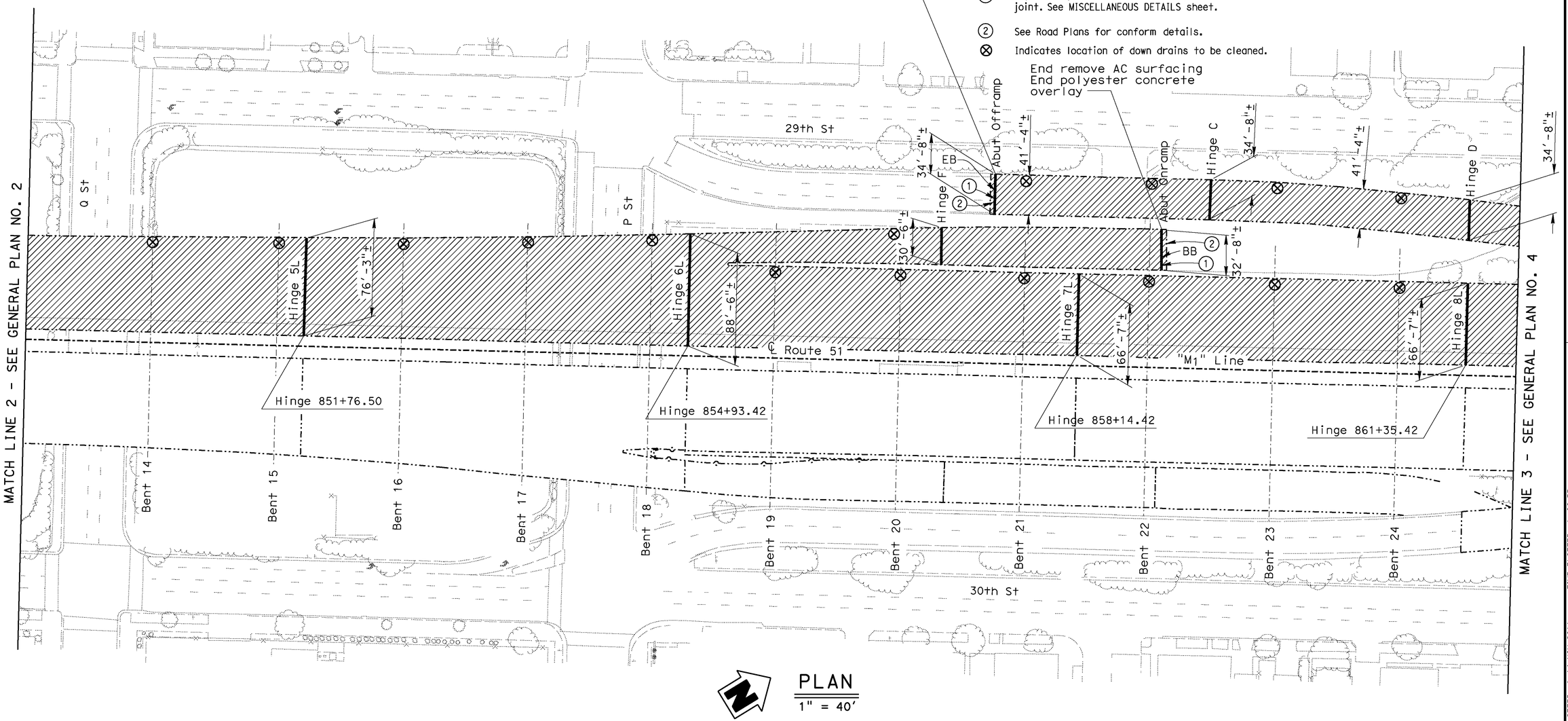
Indicates limits of remove existing 1"± AC surfacing, polyester concrete expansion dams, remove unsound concrete, repair deck and place new 1" min depth polyester concrete overlay. See MISCELLANEOUS DETAILS, for "DECK REPAIR DETAILS".

Indicates limits of remove existing joint seal and place new joint seal. For details, see MISCELLANEOUS DETAILS sheet.

(1) Replace expansion dam on roadway side of joint. See MISCELLANEOUS DETAILS sheet.

(2) See Road Plans for conform details.

⊗ Indicates location of down drains to be cleaned.



PLAN
1" = 40'

DESIGN	BY C. Hutchinson	CHECKED H. Dang	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD			
DETAILS	BY M. Hallstrom	CHECKED H. Dang	LAYOUT	BY M. Hallstrom	CHECKED C. Hutchinson		
QUANTITIES	BY C. Hutchinson	CHECKED H. Dang	SPECIFICATIONS	BY K. Meier	PLANS AND SPECS COMPARED K. Meier		

6-22-11 Michael J. Lee
DESIGN ENGINEER

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. 24-0188L
POST MILE 0.2/1.1

FORT SUTTER VIADUCT
GENERAL PLAN NO. 3

STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X
PROJECT NUMBER & PHASE: 030002000651 CONTRACT NO.: 03-4M2201

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
6-22-11				3	7

FILE => 03-4m2201_03gp3.dgn

USERNAME => s137417 DATE PLOTTED => 14-NOV-2011 TIME PLOTTED => 08:35

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sac	51	0.2/1.1	15	18

Charles R Hutchinson 6-22-11
REGISTERED CIVIL ENGINEER DATE

10-24-11
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHARLES R. HUTCHINSON
No. C 54226
Exp. 12-31-11
CIVIL
STATE OF CALIFORNIA

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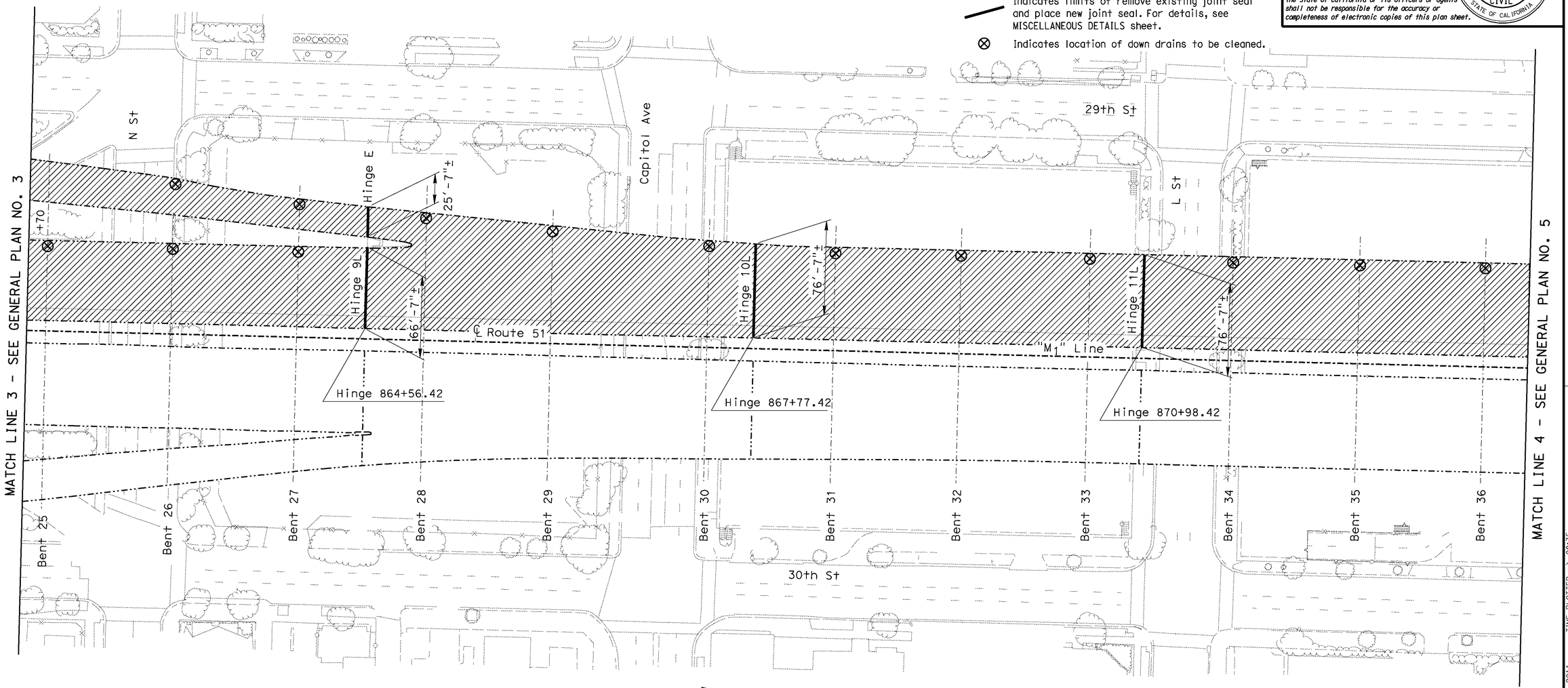
NOTES: (APPLY TO THIS SHEET ONLY)

Indicates limits of remove existing 1"± AC surfacing, polyester concrete expansion dams, remove unsound concrete, repair deck and place new 1" min depth polyester concrete overlay. See MISCELLANEOUS DETAILS, for "DECK REPAIR DETAILS".

Indicates limits of remove existing joint seal and place new joint seal. For details, see MISCELLANEOUS DETAILS sheet.

⊗ Indicates location of down drains to be cleaned.



N

PLAN
1" = 40'

	BY	CHECKED	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	
DESIGN	C. Hutchinson	H. Dang			
DETAILS	M. Hallstrom	H. Dang	LAYOUT	M. Hallstrom	C. Hutchinson
QUANTITIES	C. Hutchinson	H. Dang	SPECIFICATIONS	K. Meier	PLANS AND SPECS COMPARED K. Meier

6-22-11 Michael J. Lee
DESIGN ENGINEER

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. 24-0188L
POST MILE 0.2/1.1

FORT SUTTER VIADUCT
GENERAL PLAN NO. 4

STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X
PROJECT NUMBER & PHASE: 030002000651 CONTRACT NO.: 03-4M2201

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
6-22-11				4	7

FILE => 03-4m2201_04gp4.dgn

USERNAME => s137417 DATE PLOTTED => 14-NOV-2011 TIME PLOTTED => 08:35

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sac	51	0.2/1.1	16	18

Charles R Hutchinson 6-22-11
REGISTERED CIVIL ENGINEER DATE

10-24-11
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHARLES R. HUTCHINSON — No. C 54226 — Exp. 12-31-11 — CIVIL — STATE OF CALIFORNIA

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NOTES: (APPLY TO THIS SHEET ONLY)

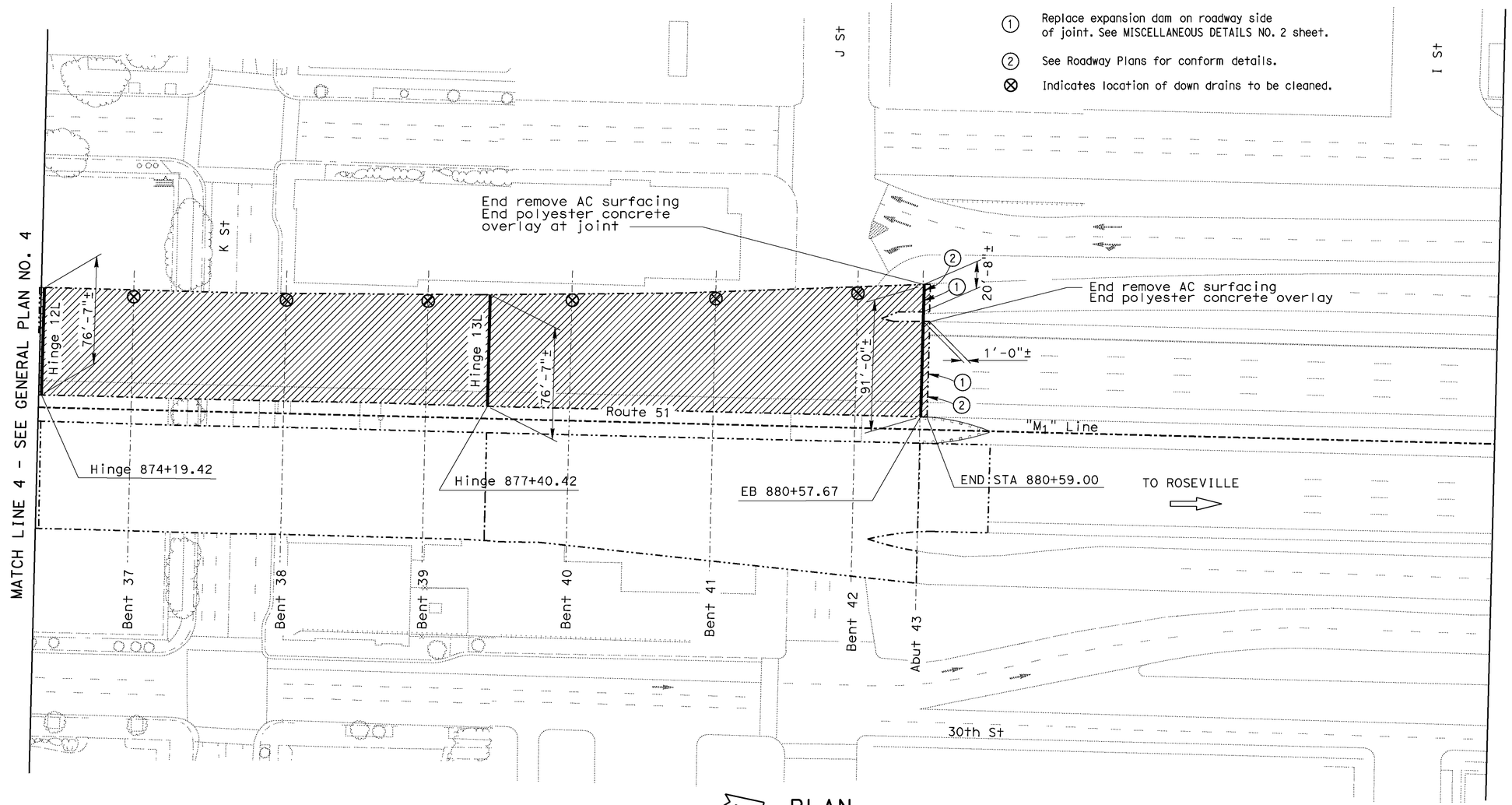
Indicates limits of remove existing 1"± AC surfacing, polyester concrete expansion dams, remove unsound concrete, repair deck and place new 1" min depth polyester concrete overlay. See MISCELLANEOUS DETAILS, for "DECK REPAIR DETAILS".

Indicates limits of remove existing joint seal and place new joint seal. For details, see MISCELLANEOUS DETAILS sheet.

① Replace expansion dam on roadway side of joint. See MISCELLANEOUS DETAILS NO. 2 sheet.

② See Roadway Plans for conform details.

⊗ Indicates location of down drains to be cleaned.



PLAN
1" = 40'

DESIGN	BY C. Hutchinson	CHECKED H. Dang	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD		STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN
DETAILS	BY M. Hallstrom	CHECKED H. Dang	LAYOUT	BY M. Hallstrom	CHECKED C. Hutchinson		
QUANTITIES	BY C. Hutchinson	CHECKED H. Dang	SPECIFICATIONS	BY K. Meier	PLANS AND SPECS COMPARED K. Meier		

6-22-11 Michael J. Lee
DESIGN ENGINEER

BRIDGE NO. 24-0188L
POST MILE 0.2/1.1

FORT SUTTER VIADUCT
GENERAL PLAN NO. 5

STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X
PROJECT NUMBER & PHASE: 030002000651 CONTRACT NO.: 03-4M2201

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
6-22-11				5	7

FILE => 03-4m2201_05gp5.dgn

USERNAME => s137417 DATE PLOTTED => 14-NOV-2011 TIME PLOTTED => 08:35

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sac	51	0.2/1.1	17	18

Charles R Hutchinson 6-22-11
REGISTERED CIVIL ENGINEER DATE

10-24-11
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHARLES R. HUTCHINSON — No. C 54226 — Exp. 12-31-11 — CIVIL — STATE OF CALIFORNIA

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JOINT SEAL TABLE

LOCATION	MINIMUM "MR" (Inches)	EXISTING WATERSTOP	APPROX DEPTH TO CLEAN EXP JOINT (Inches)	APPROX LENGTH TO CLEAN EXP JOINT (ft)
Abut 1L BW	1	NO	12	67
Hinge 1L	1½	NO	12	99
Hinge 2L	2	NO	12	83
Hinge 3L	2	NO	12	77
Hinge 4L	2	NO	12	77
Hinge 5L	2	NO	12	77
Hinge 6L	2	NO	12	89
Hinge 7L	2	NO	12	67
Hinge 8L	2	NO	12	67
Hinge 9L	2	NO	12	67
Hinge 10L	2	NO	12	77
Hinge 11L	2	NO	12	77
Hinge 12L	2	NO	12	77
Hinge 13L	2	NO	12	77
Abut 43L BW	1	NO	12	92
Hinge A (Offramp at "T" Street)	1	NO	12	37
Hinge B (Offramp at "T" Street)	2	NO	12	37
Abut BW (Offramp at "N" Street)	1	NO	12	35
Hinge C (Offramp at "N" Street)	2	NO	12	35
Hinge D (Offramp at "N" Street)	2	NO	12	35
Hinge E (Offramp at "N" Street)	2	NO	12	26
Hinge F (Onramp at "O" Street)	1½	NO	12	31
Abut BW (Onramp at "O" Street)	1	NO	12	33

LEGEND: BW = Abutment backwall

The following notes apply to JOINT SEAL TYPE B:

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

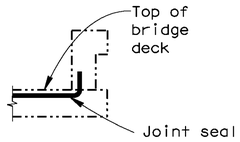
DECK REPAIR TABLE

Remove Unsound Concrete And Rapid Setting Patch

BRIDGE NAME	BRIDGE NUMBER	APPROX AREA DAMAGED (%)	APPROX DEPTH (Inches)
Fort Sutter Viaduct	24-0188L	20	3

Location to be determined by the Engineer.

Note:
All joint seals to be Type B.

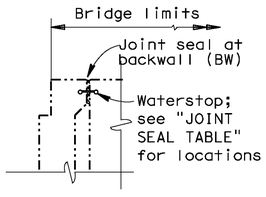


BARRIER RAIL

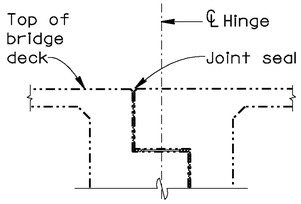
JOINT SEAL AT LOW SIDE OF DECK

Notes: Details shown for illustration purposes only.

For use only where deck joint matches the sidewalk, curb or barrier rail joint.

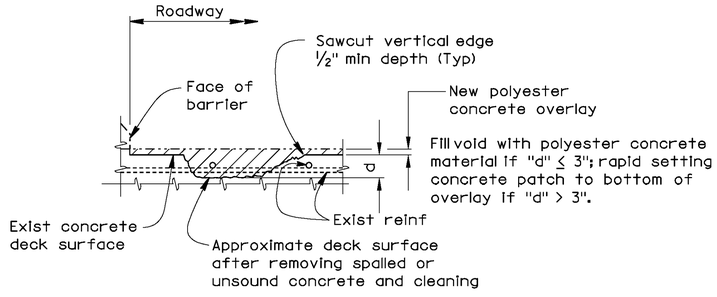


ABUTMENT WITH BACKWALL



HINGE OR EXPANSION JOINT

JOINT SEAL LOCATION



DECK REPAIR DETAIL

Note: Reinforcement may be encountered during deck concrete removal.
NO SCALE

DESIGN	BY C. Hutchinson	CHECKED H. Dang	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO. 24-0188L	FORT SUTTER VIADUCT	
DETAILS	BY M. Hallstrom	CHECKED H. Dang			POST MILE 0.2/1.1	MISCELLANEOUS DETAILS NO. 1	
QUANTITIES	BY C. Hutchinson	CHECKED H. Dang					

STRUCTURES MAINTENANCE DETAIL SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X
PROJECT NUMBER & PHASE: 030002000651 CONTRACT NO.: 03-4M2201

DISREGARD PRINTS BEARING EARLIER REVISION DATES → REVISION DATES: 6-22-11

SHEET 6 OF 7

FILE => 03-4m2201_06dets.dgn

USERNAME => s137417 DATE PLOTTED => 14-NOV-2011 TIME PLOTTED => 08:35

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sac	51	0.2/1.1	18	18

Charles R Hutchinson 6-22-11
REGISTERED CIVIL ENGINEER DATE

10-24-11
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHARLES R. HUTCHINSON
No. C 54226
Exp. 12-31-11
CIVIL
STATE OF CALIFORNIA

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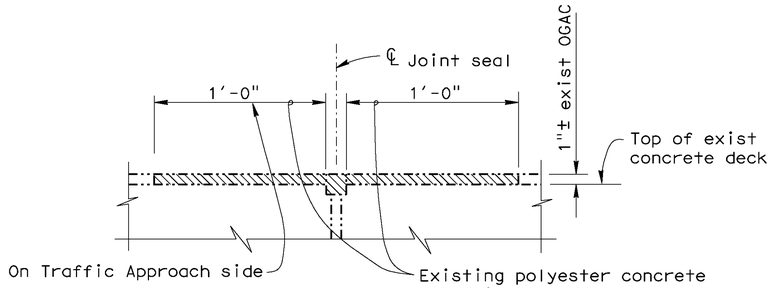
NUMBER	APPROXIMATE LOCATION OF DOWN DRAIN	APPROXIMATE LENGTH OF CLEANOUT (ft)
1	RTE 50/51 Connector Ramp, Hinge A	40
2	RTE 50/51 Connector Ramp, Hinge B	40
3	RTE 51 Auxiliary Lane, Bent 2	100
4	RTE 51 Auxiliary Lane, Bent 3	96
5	RTE 51 Auxiliary Lane, Bent 4	92
6	RTE 51 Auxiliary Lane, Bent 5	88
7	RTE 51 Auxiliary Lane, Bent 6	86
8	RTE 51 Auxiliary Lane, Bent 7	85
9	RTE 51 Auxiliary Lane, Bent 8	85
10	RTE 51 Auxiliary Lane, Bent 9	85
11	RTE 51 Auxiliary Lane, Bent 10	85
12	RTE 51 Auxiliary Lane, Bent 11	85
13	RTE 51 Auxiliary Lane, Bent 12	85
14	RTE 51 Auxiliary Lane, Bent 13	85
15	RTE 51 Auxiliary Lane, Bent 14	85
16	RTE 51 Auxiliary Lane, Bent 15	85
17	RTE 51 Auxiliary Lane, Bent 16	86
18	RTE 51 Auxiliary Lane, Bent 17	88
19	RTE 51 Auxiliary Lane, Bent 18	92
20	RTE 51 Mainline, Bent 19	72
21	Rte 51 Mainline, Bent 20	72
22	O Street On-ramp, Bent 20	29
23	Rte 51 Mainline, Bent 21	72
24	P Street Off-Ramp, Bent 21	14
25	RTE 51 Mainline, Bent 22	72
26	P Street Off-Ramp, Bent 22	15
27	RTE 51 Mainline, Bent 23	72
28	P Street Off-ramp, Bent 23	18
29	RTE 51 Mainline, Bent 24	72
30	P Street Off-ramp, Bent 24	21
31	RTE 51 Mainline, Bent 25	72
32	RTE 51 Mainline, Bent 26	72
33	P Street Off-ramp, Bent 26	27
34	RTE Mainline, Bent 27	72
35	P Street Off-ramp, Bent 27	30
36	RTE 51 Auxiliary Lane, Bent 28	87
37	RTE 51 Auxiliary Lane, Bent 29	85
38	RTE 51 Auxiliary Lane, Bent 30	83
39	RTE 51 Auxiliary Lane, Bent 31	81
40	RTE 51 Auxiliary Lane, Bent 32	81
41	RTE 51 Auxiliary Lane, Bent 33	81
42	RTE 51 Auxiliary Lane, Bent 34	81
43	RTE 51 Auxiliary Lane, Bent 35	81
44	RTE 51 Auxiliary Lane, Bent 36	81
45	RTE 51 Auxiliary Lane, Bent 37	81
46	RTE 51 Auxiliary Lane, Bent 38	81
47	RTE 51 Auxiliary Lane, Bent 39	81
48	RTE 51 Auxiliary Lane, Bent 40	83
49	RTE 51 Auxiliary Lane, Bent 41	85
50	RTE 51 Auxiliary Lane, Bent 42	87



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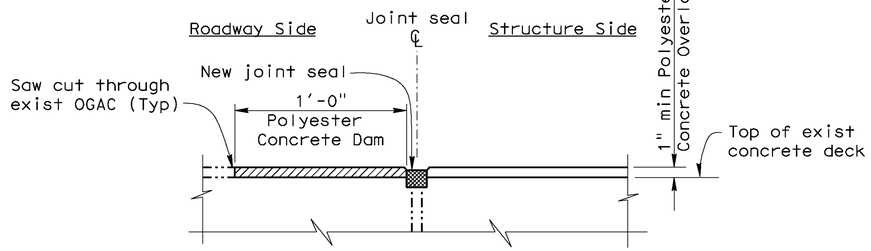


RECONSTRUCTION

EXPANSION DAM DETAIL AT ROADWAY CONFORMS

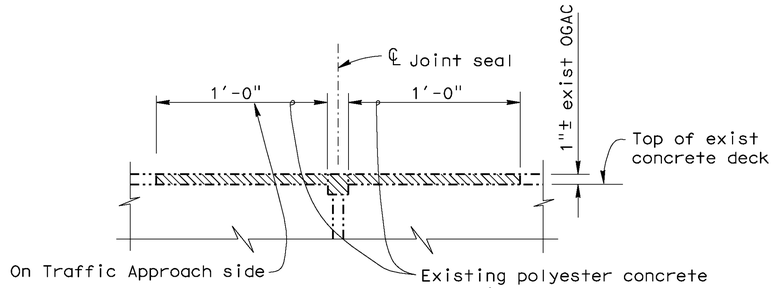
NO SCALE

Notes:

Indicates existing structure.

Indicates limits of existing joint seal, polyester concrete expansion dam and AC surfacing removal.

Indicates limits of new polyester concrete expansion dams and deck repair.



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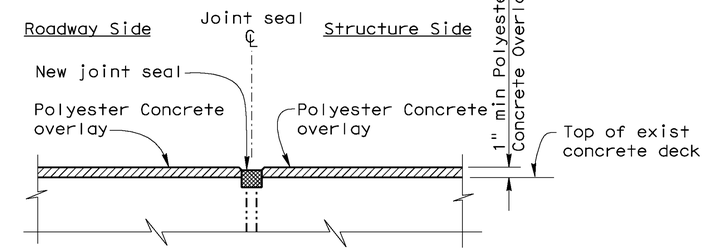

RECONSTRUCTION

TYPICAL EXPANSION DAM DETAIL

NO SCALE

Notes:

Indicates existing structure.

Indicates limits of existing joint seal, polyester concete expansion dam and AC surfacing removal.

Indicates limits of new polyester concrete overlay.

DESIGN	BY C. Hutchinson	CHECKED H. Dang	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION
DETAILS	BY M. Hallstrom	CHECKED H. Dang	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN
QUANTITIES	BY C. Hutchinson	CHECKED H. Dang	BRIDGE NO. 24-0188L; POST MILE 0.2/1.1

FORT SUTTER VIADUCT

MISCELLANEOUS DETAILS NO. 2

STRUCTURES MAINTENANCE DETAIL SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X
PROJECT NUMBER & PHASE: 030002000651 CONTRACT NO.: 03-4M2201

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES				SHEET	OF
10-11-11				7	7

FILE => 03-4m2201_07dets_02.dgn

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