

INDEX OF PLANS

Sheet No.	Description
1	TITLE AND LOCATION MAP
2	CONSTRUCTION AREA SIGNS
3-7	TRAFFIC HANDLING DETAILS
8	PAVEMENT DELINEATION QUANTITIES
9-18A	REVISED STANDARD PLANS



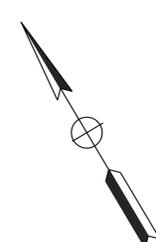
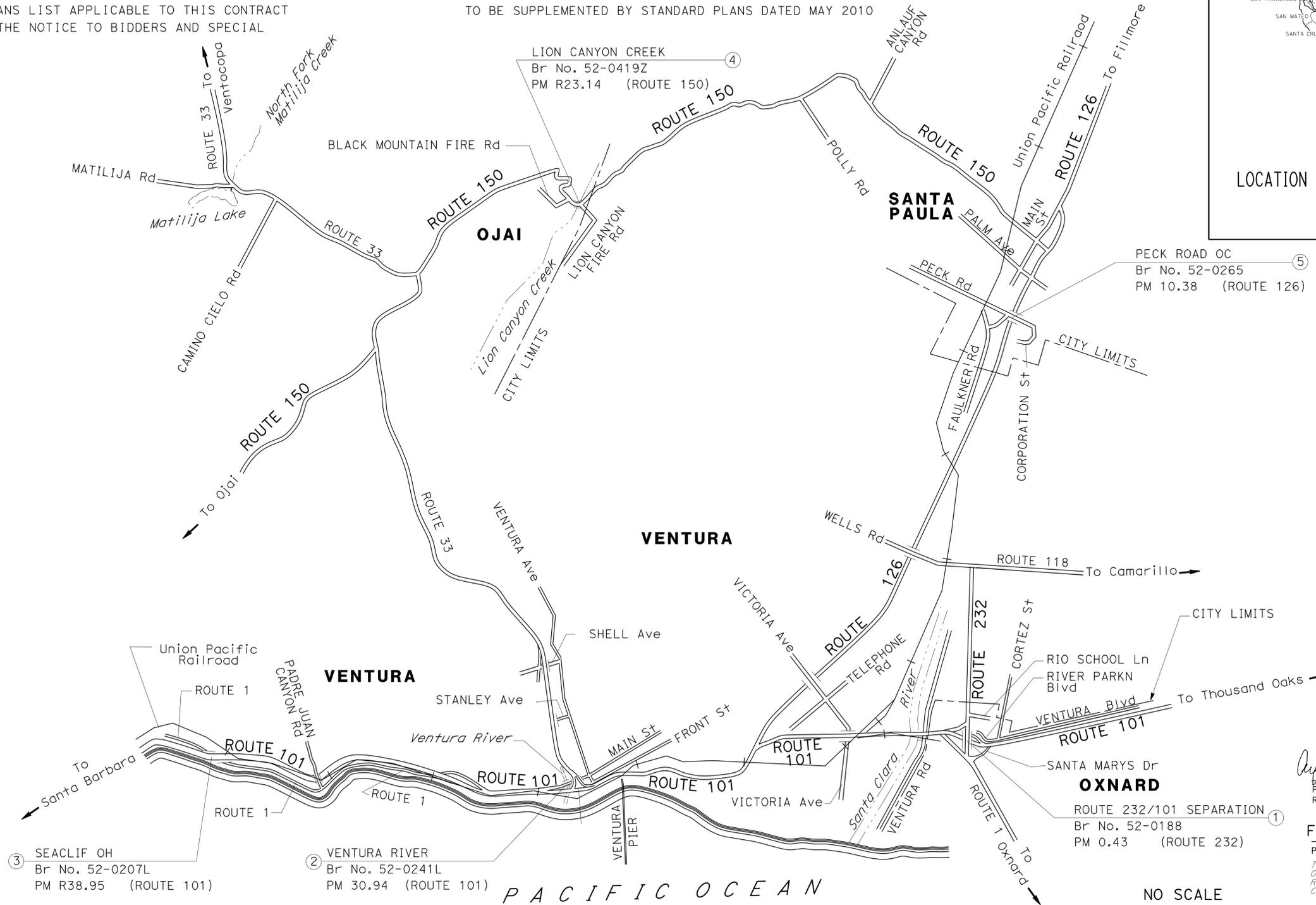
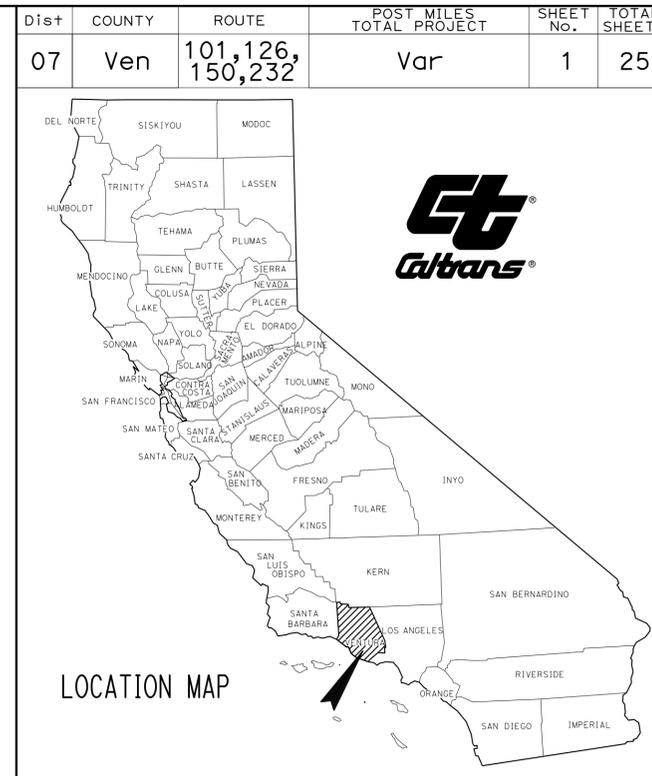
STRUCTURES

19-25 ROUTES 101, 126, 150, AND 232 BRIDGES

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

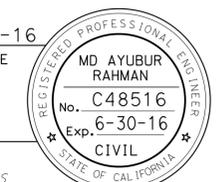
STATE OF CALIFORNIA  
**DEPARTMENT OF TRANSPORTATION**  
**PROJECT PLANS FOR CONSTRUCTION ON**  
**STATE HIGHWAY**  
**IN VENTURA COUNTY**  
**AT VARIOUS LOCATIONS**

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2010



PROJECT MANAGER  
**CHRISTIAN SAM**  
 DESIGN MANAGER  
**PAUL CRISPI**

*MD Ayubur Rahman* 1-4-16  
 PROJECT ENGINEER DATE  
 REGISTERED CIVIL ENGINEER  
**February 22, 2016**  
 PLANS APPROVAL DATE  
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



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

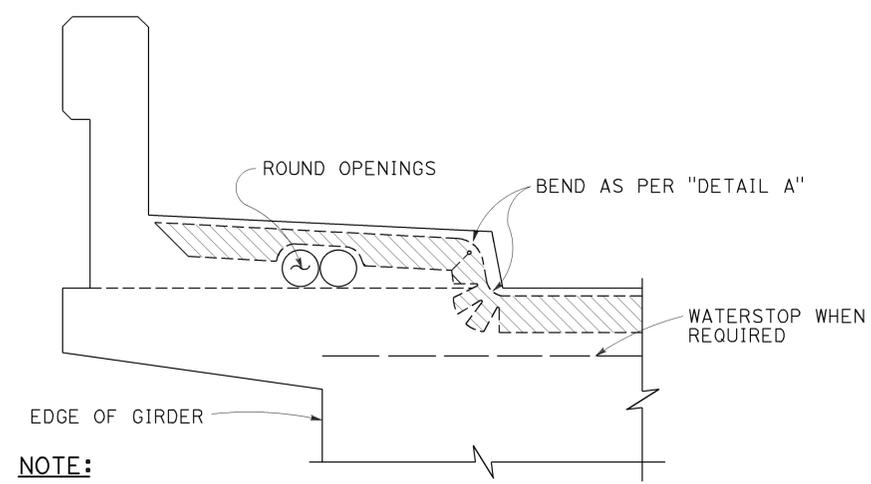
**1** REPLACED PER ADDENDUM No. 1 DATED APRIL 1, 2016

NO SCALE

TO ACCOMPANY PLANS DATED 2-22-16

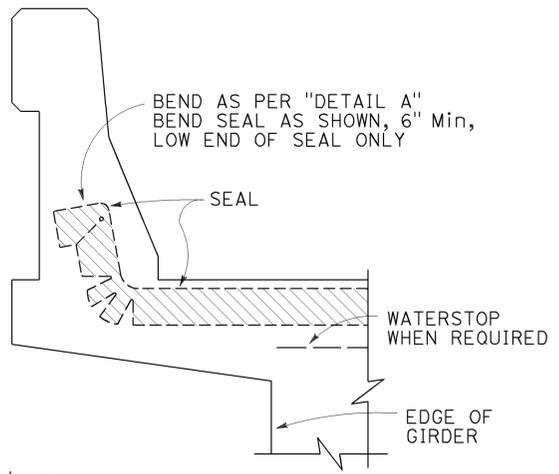
**NOTE:**

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

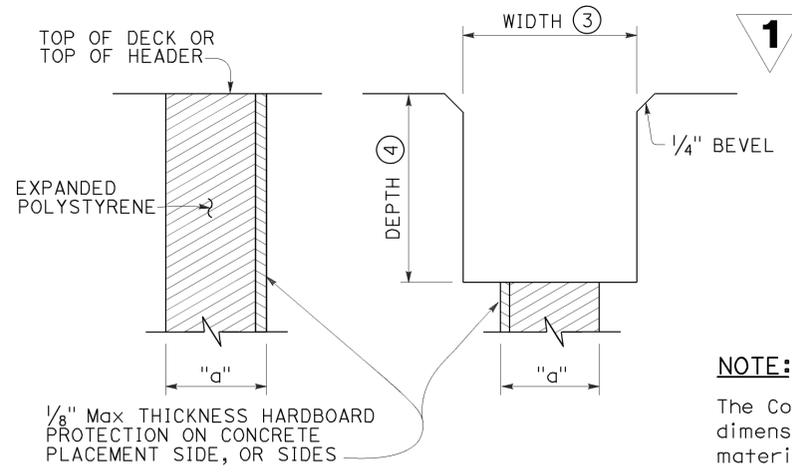


**NOTE:**  
 Type "B" seal shown. Type "A" seals to conform to the general path of seal shown, cuts for bending not required. Bend type "A" seals 3" up into curb or barrier rail on only the low end of the seal.

**CONCRETE BARRIER AND SIDEWALK**



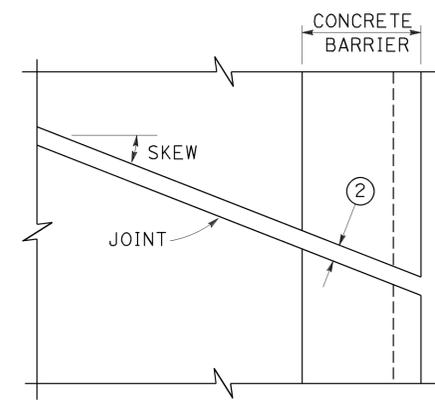
**CONCRETE BARRIER**



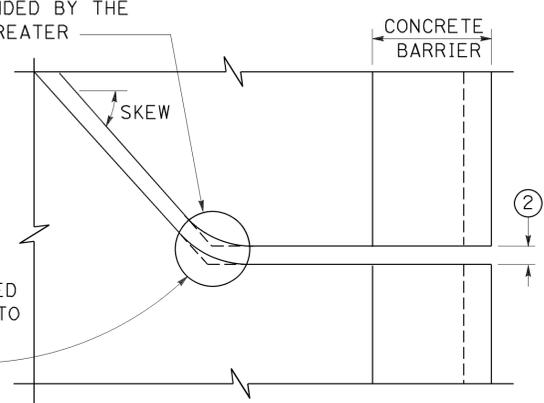
**FORMING DETAIL SAWCUT DETAIL**

**JOINT SEALS DETAILS**

Min  $\phi$  RADIUS TO BE 4 TIMES UNCOMPRESSED WIDTH OF SEAL OR AS RECOMMENDED BY THE MANUFACTURER, WHICHEVER IS GREATER



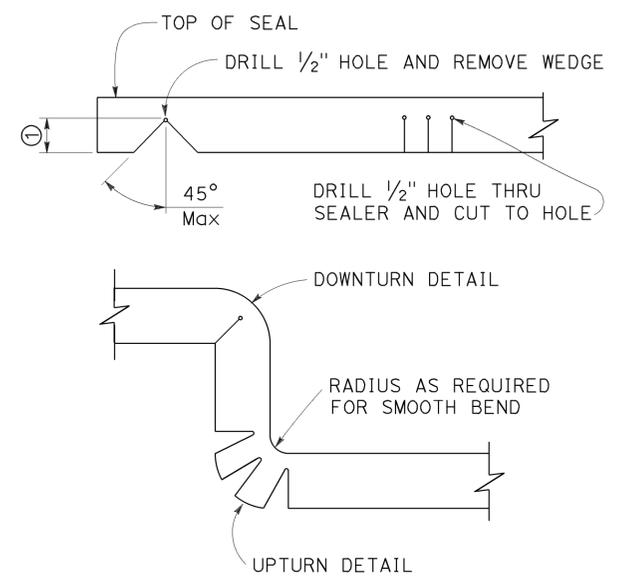
**PLAN OF JOINT (SKEW  $\leq 20^\circ$ )**



**PLAN OF JOINT (SKEW  $> 20^\circ$ )**

**NOTES:**

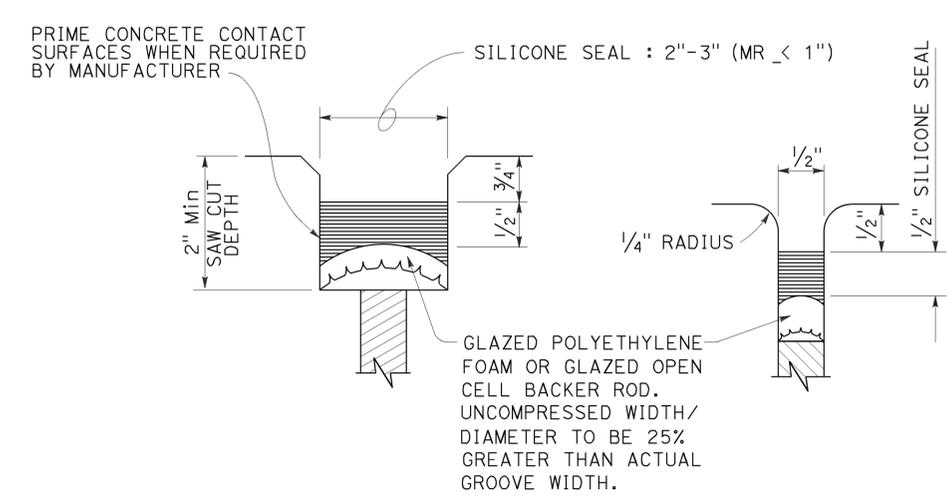
- Make smooth cuts from the bottom of seal to 1/2" clear of top leaving at least one complete cell between the top of the cut and top of the seal. When necessary cut back of seal to clear conduit and round openings.
- Opening in barrier to match width of sawn deck joint.
- Sawcut groove widths shall 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 ( $W_2$ ) plus dimensions shown.
- MR (movement rating) as shown on other plan sheets.
- Other depths must be approved by the Engineer.
- A sidewalk joint shall be covered by an expansion joint armor.



**DETAIL A**

**DIMENSIONS "a" OF JOINT REQUIRED**

MOVEMENT RATING (MR) (5)	BRIDGE TYPE	"a" DIMENSION		
		DECK CONCRETE PLACED		
		WINTER	FALL-SPRING	SUMMER
2"	ALL EXCEPT CIP/PS	1 1/2"	1 1/4"	3/4"
	CIP/PS	1 1/4"	1"	1/2"
1 1/2"	ALL EXCEPT CIP/PS	1 1/4"	1"	1/2"
	CIP/PS	1"	3/4"	1/2"
1"	ALL EXCEPT CIP/PS	1"	3/4"	1/2"
	CIP/PS	3/4"	1/2"	1/2"
1/2"	ALL EXCEPT CIP/PS	3/4"	3/4"	1/2"
	CIP/PS	1/2"	1/2"	1/2"

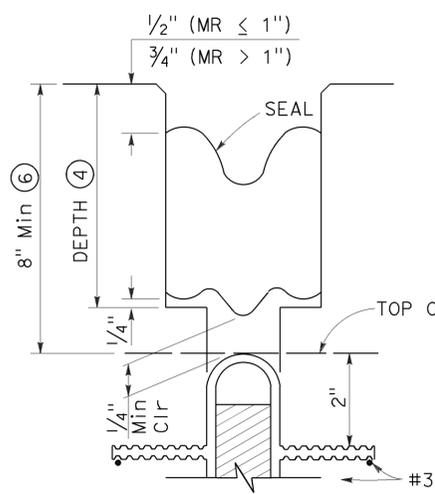


**TYPE A SEAL**

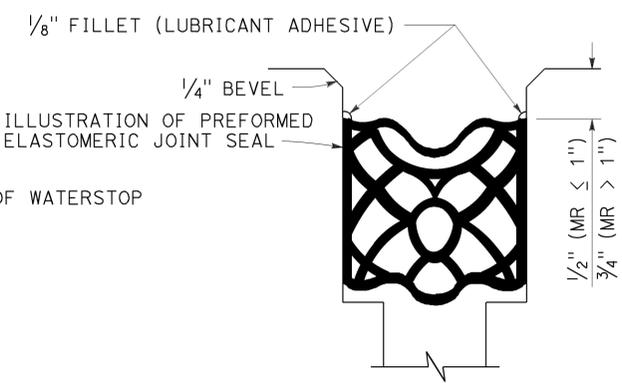
Movement rating : Silicone = 1" Max

**TYPE AL SEAL**

Longitudinal joints only



**TYPE B JOINT SEAL IN MINIMUM WIDTH POSITION ( $W_2$ )**



**TYPE B SEAL**

Movement Rating  $\leq 2"$

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
**JOINT SEALS**  
**(MAXIMUM MOVEMENT RATING = 2")**

NO SCALE  
 RSP B6-21 DATED OCTOBER 30, 2015 SUPERSEDES STANDARD PLAN B6-21 DATED MAY 20, 2011 - PAGE 283 OF THE STANDARD PLANS BOOK DATED 2010.

**1 ADDED PER ADDENDUM No. 1 DATED APRIL 1, 2016**

**REVISED STANDARD PLAN RSP B6-21**

2010 REVISED STANDARD PLAN RSP B6-21

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	101,126, 150,232	Var	19	25

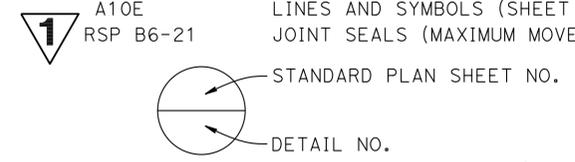
Edward Li 10-07-15  
 REGISTERED CIVIL ENGINEER DATE  
 2-22-16  
 PLANS APPROVAL DATE  
 No. C56706  
 Exp. 06/30/17  
 CIVIL  
 STATE OF CALIFORNIA  
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

**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

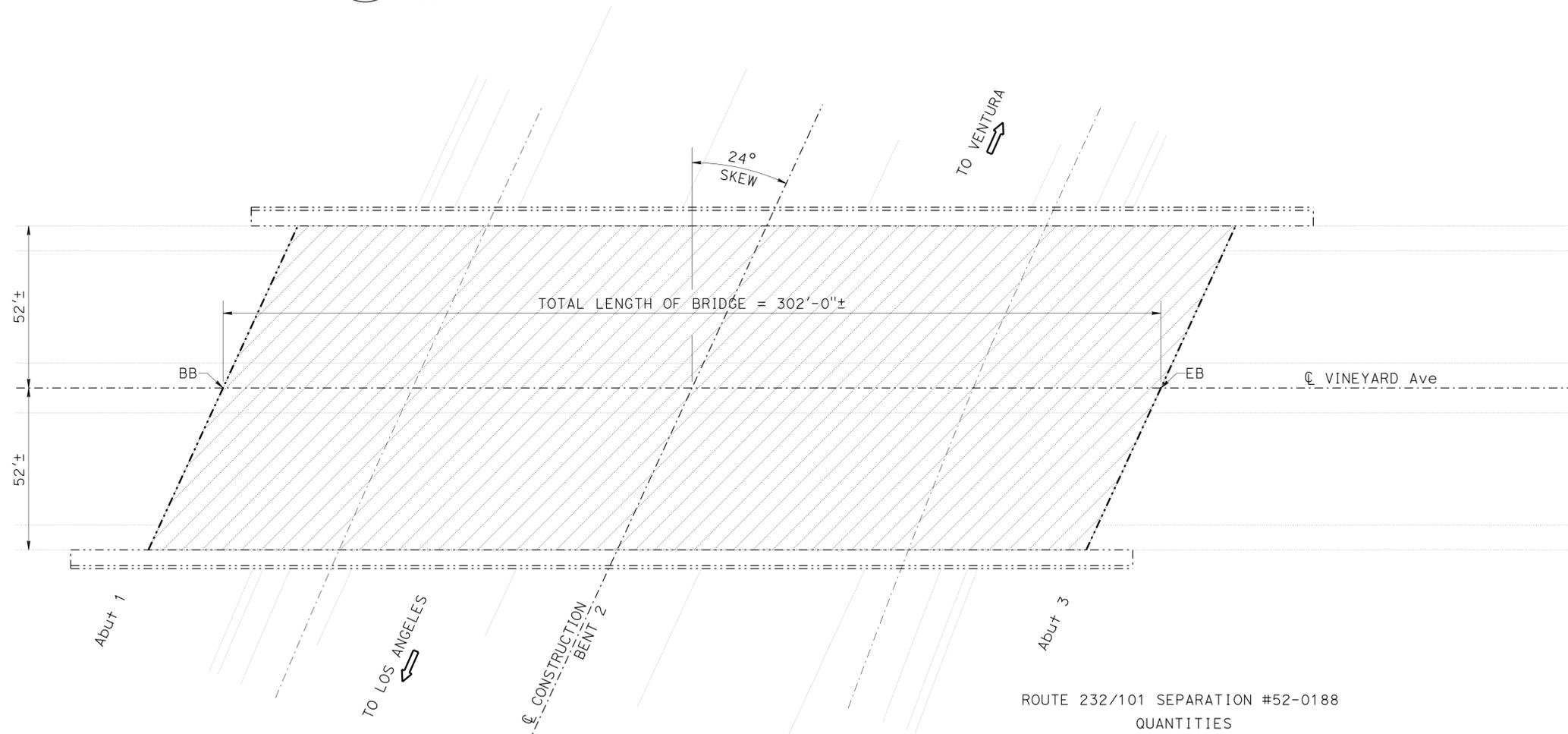
**STANDARD PLANS DATED 2010**

SHEET NO.	TITLE
A10A	ABBREVIATIONS (SHEET 1 OF 2)
RSP A10B	ABBREVIATIONS (SHEET 2 OF 2)
A10C	LINES AND SYMBOLS (SHEET 1 OF 3)
A10D	LINES AND SYMBOLS (SHEET 2 OF 3)
A10E	LINES AND SYMBOLS (SHEET 3 OF 3)
1 RSP B6-21	JOINT SEALS (MAXIMUM MOVEMENT RATING = 2")



**LEGEND:**

- Indicates existing.
- Indicates direction of traffic.
- ▨ Indicates limits of clean and treat bridge deck surface with high molecular weight methacrylate.



**ROUTE 232/101 SEPARATION**

Br No. 52-0188, Rte 232, PM 0.43  
1"=20'

ROUTE 232/101 SEPARATION #52-0188  
QUANTITIES

PUBLIC SAFETY PLAN	LUMP SUM
PREPARE CONCRETE BRIDGE DECK SURFACE	31,408 SQFT
TREAT BRIDGE DECK	31,408 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	393 GAL

NOTE:  
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL. EXEMPT PROJECT PER UTILITY POLICY, UTILITIES ARE NOT SHOWN.

**1 REPLACED PER ADDENDUM No. 1 DATED APRIL 1, 2016**

<b>TONY D. BRAKE</b> DESIGN ENGINEER	DESIGN	BY Edward Li	CHECKED Ramesh Patel	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	BRIDGE NO.	<b>ROUTES 101,126,150,232 BRIDGES</b> <b>GENERAL PLAN NO. 1</b>		
	DETAILS	BY Clayton Tom	CHECKED Edward Li	LAYOUT	BY Clayton Tom			CHECKED Edward Li		POST MILE	
	QUANTITIES	BY Edward Li	CHECKED Ramesh Patel	SPECIFICATIONS	BY Vaikunthan Renga			CHECKED Vaikunthan Renga		PLANS AND SPECS COMPARED	Varies
STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)											
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS						UNIT: 3489	PROJECT NUMBER & PHASE: 0715000030 1	CONTRACT NO.: 07-2W9704	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES 04-18-15 07-16-15 09-24-15 10-07-15	SHEET 01 OF 07