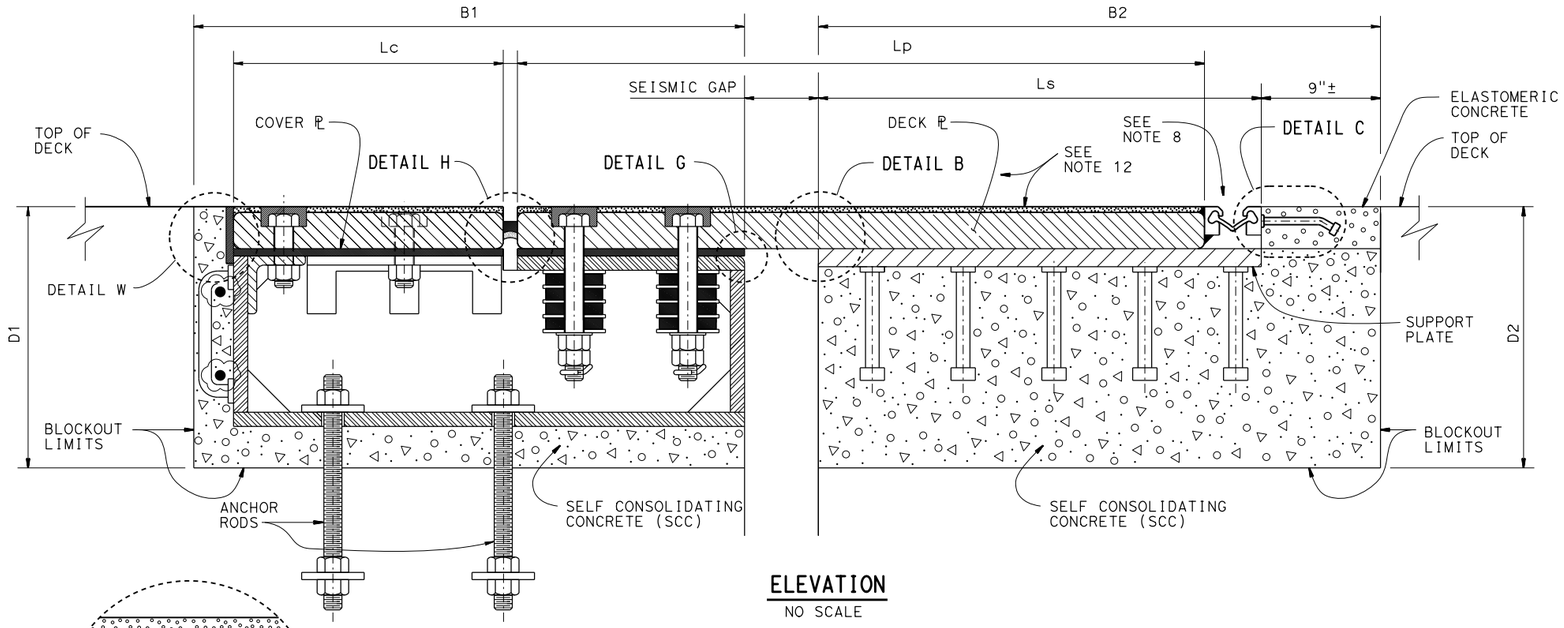
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
X	X	X	X	X	X

REGISTERED CIVIL ENGINEER X DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER X No. X Exp. X CIVIL STATE OF CALIFORNIA

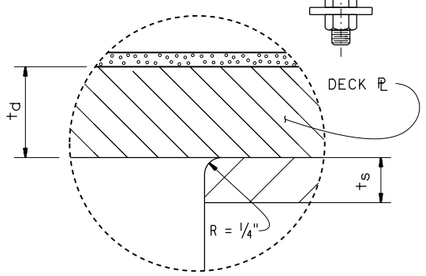
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



ELEVATION

NO SCALE

JOINT INFORMATION (MAXIMUM NON-SEISMIC MR=4")					
LOCATION					
SKEW (°)					
DECK PLATE	Thickness td (in)				
	Length Lp (in)				
SUPPORT PLATE	Thickness ts (in)				
	Length Ls (in)				
COVER PLATE	Thickness tc (in)				
	Length Lc (in)				
SEISMIC GAP @ 70 °F	(in)				
BLOCKOUT	B1(in)				
	B2(in)				
	D1(in)				
	D2(in)				

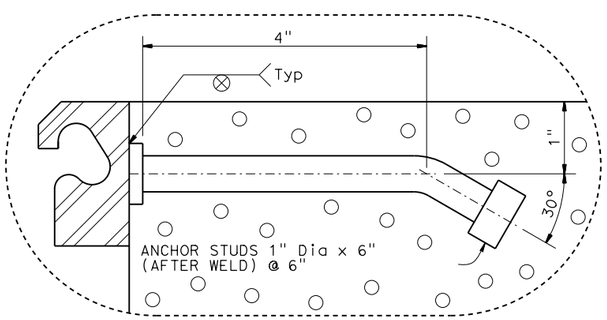


DETAIL B

NO SCALE

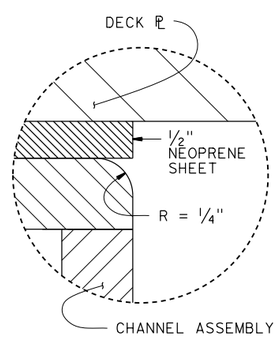
NOTES:

1. If applicable, install Seismic Joint after erecting bike path, placing deck overlay up to the limit of the blockout, utilities and barrier.
2. Top of Multilayer Polymer Concrete Overlay, elastomeric and SCC concrete must match top of deck profile.
3. For deck plate details see " DECK PLATE DETAILS No. 1" and " DECK PLATE DETAILS No. 2" sheets for TYPE I joint.
4. For mild reinforcement in blockout areas, see "REINFORCRMENT DETAILS" sheet for TYPE I joint Not all mild reinforcement is shown for clarity.
5. For channel assembly details, see "CHANNEL ASSEMBLY DETAILS No. 1" and "CHANNEL ASSEMBLY DETAILS No. 2" for TYPE I joint.
6. Place deck plate, support plate and channel assembly so that full bearing is achieved between i) deck, support plates and ii)deck plate and channel assembly.
7. Self-consolidating concrete must be used in joint blockout.
8. Strip joint seal assembly. Maximum non-seismic demand MR = 4".
9. Rubber gland of strip seal assembly must be one continuous piece. No field splice shall be permitted.
10. Strip seal shall have a minimum movement rating of 4 inches, manufactured specifically for highway bridges.
11. For support plate details see "SUPPORT PLATE DETAILS" sheet for TYPE I joint.
12. Apply 3/8" of Multilayer Polymer Concrete Overlay to the deck and cover plates.
13. Access to the joint is from the top.
14. Anchor studs shall be zinc coated.
15. Anchor rods may be replaced by 7/8"ø x 6" anchor studs.



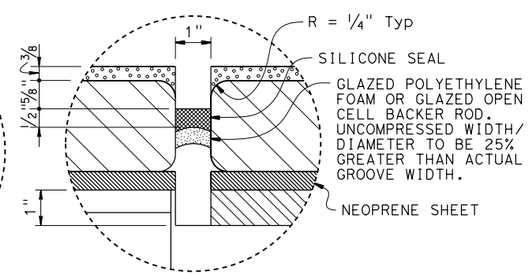
DETAIL C

NO SCALE



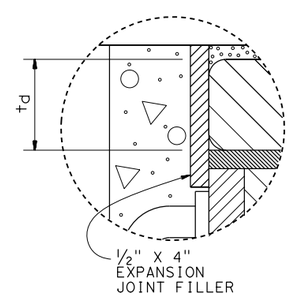
DETAIL G

NO SCALE



DETAIL H

NO SCALE



DETAIL W

NO SCALE

STANDARD DRAWING

FILE NO. xs8-070-1

APPROVAL DATE October 2014

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

BRIDGE NO. X

POST MILE X

X

SEISMIC JOINT (TYPE I, FULL CHANNEL)

CROSS SECTION

DS OSD 2147A (ENGLISH STANDARD DRAWING "XS" BORDER REV. (02-02-11)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X

PROJECT NUMBER & PHASE: X

CONTRACT NO.: X

DISREGARD PRINTS BEARING EARLIER REVISION DATES 9/26/14

REVISION DATES

SHEET 1 OF 8

FILE => xs8-070-1.dgn

USERNAME => s136236 DATE PLOTTED => 02-OCT-2014 TIME PLOTTED => 10:21