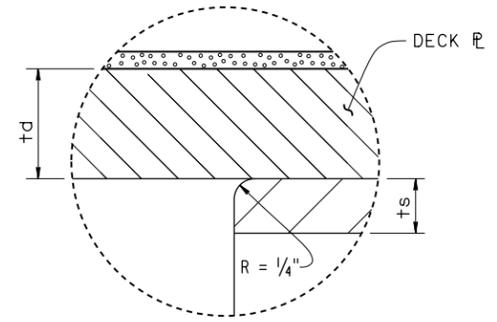


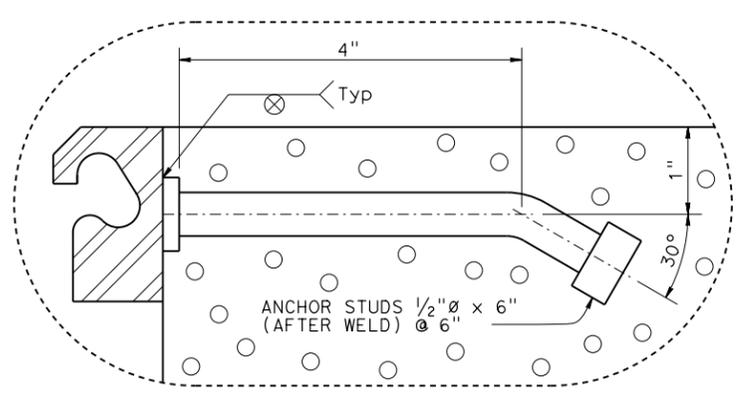
| | | | | | |
|---------------------------|--------|-------|--------------------------|-----------|--------------|
| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| X | X | X | X | X | X |
| REGISTERED CIVIL ENGINEER | | | DATE | | |
| PLANS APPROVAL DATE | | | | | |

| JOINT INFORMATION (MAXIMUM NON-SEISMIC MR = 4") | | | | | |
|---|----------------------|--|--|--|--|
| LOCATION | | | | | |
| SKEW (°) | | | | | |
| DECK PLATE | Thickness t_d (in) | | | | |
| | Length L_p (in) | | | | |
| SUPPORT PLATE | Thickness t_s (in) | | | | |
| | Length L_s (in) | | | | |
| SEISMIC GAP @ 70 °F | (in) | | | | |
| BLOCKOUT | B1 (in) | | | | |
| | B2 (in) | | | | |
| | D1 (in) | | | | |
| | D2 (in) | | | | |

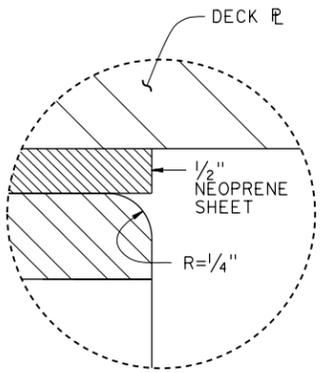
ELEVATION
NO SCALE



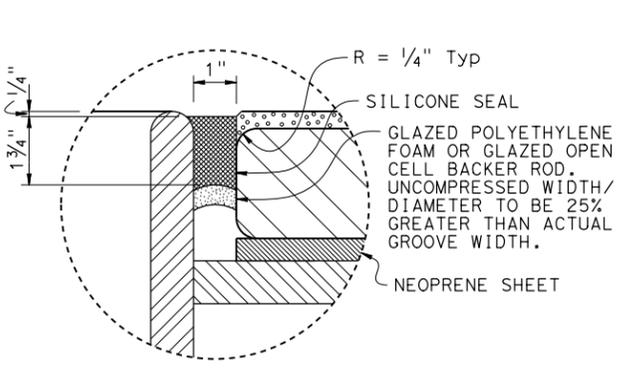
DETAIL B
NO SCALE



DETAIL C
NO SCALE



DETAIL G
NO SCALE



DETAIL H
NO SCALE

NOTES:

- If applicable, install Seismic Joint after erecting bike path, placing deck overlay up to the limit of the blockout, utilities and barrier.
- Top of Multilayer Polymer Concrete Overlay, elastomeric and SCC concrete must match top of deck profile.
- For deck plate details see "DECK PLATE DETAILS No. 1" and "DECK PLATE DETAILS No. 2" sheets for TYPE I joint.
- For mild reinforcement in blockout areas, see "REINFORCEMENT DETAILS" sheet for TYPE I joint. Not all mild reinforcement is shown for clarity.
- For channel assembly details, see "CHANNEL ASSEMBLY DETAILS No. 1" and "CHANNEL ASSEMBLY DETAILS No. 2" for TYPE I joint.
- 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.
- Self-consolidating concrete must be used in joint blockout.
- Strip seal joint seal assembly. Maximum non-seismic demand MR = 4".
- Rubber gland of strip seal assembly must be one continuous piece. No field splice shall be permitted.
- Strip seal must have a minimum movement rating of 4 inches, manufactured specifically for highway bridges.
- For support plate details see "SUPPORT PLATE DETAILS" sheet for TYPE I joint.
- Apply 3/8" of Multilayer Polymer Concrete Overlay to the deck plate.
- Access to the joint is from the bottom. Minimum seismic gap 2'-0" at 70 °F.
- Anchor studs must be zinc coated.

| | | | | | | | | | | | |
|---|-------------------------------|---|--|--|--|---------------------------|--|---|--|---------|--|
| STANDARD DRAWING | | STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION | | DIVISION OF ENGINEERING SERVICES | | BRIDGE NO. X | | SEISMIC JOINT (TYPE I, HALF CHANNEL) CROSS SECTION | | | |
| FILE NO. xs8-080-1 | APPROVAL DATE October 2014 | ORIGINAL SCALE IN INCHES FOR REDUCED PLANS | | UNIT: X PROJECT NUMBER & PHASE: X | | POST MILE X | | | | | |
| 05 OSD 2147A (ENGLISH STANDARD DRAWING "XS" BORDER REV. (02-02-11)) | | 0 1 2 3 | | DISREGARD PRINTS BEARING EARLIER REVISION DATES | | REVISION DATES 9/26/14 | | SHEET 1 | | OF 8 | |

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