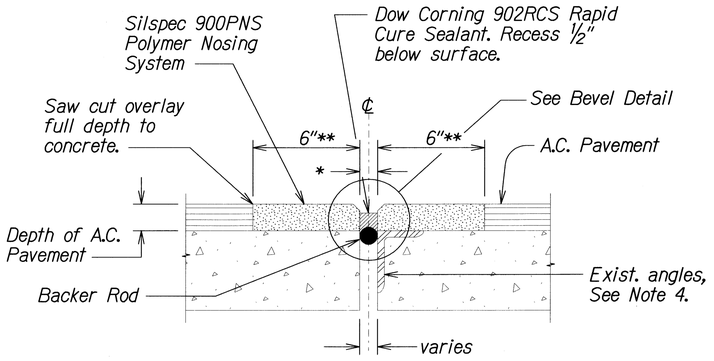
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-05-05M	2010	12	18

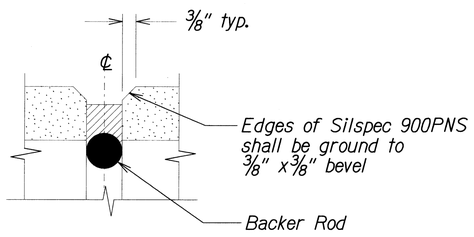


JOINT DETAIL AT BRIDGE DECK

Scale: 3"=1'

* - Width of joint opening. Opening in nosing shall match existing joint opening unless directed otherwise by Project Engineer.

** - Minimum width of nosing shall be 6". If the overlay exceeds 3" in depth, the installer shall use a 2 to 1 width to depth ratio.

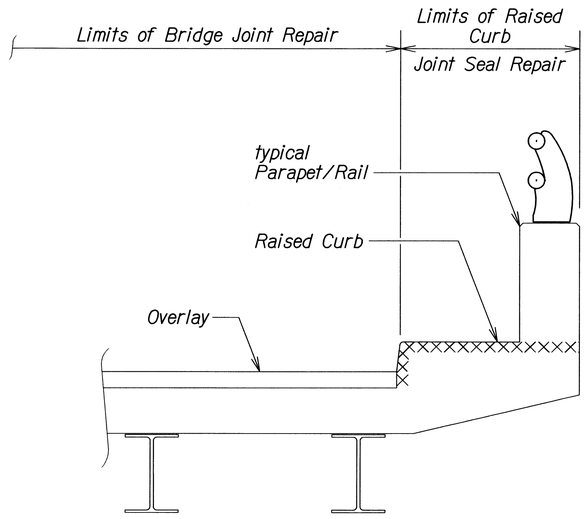


BEVEL DETAIL

Scale: 6"=1'

Notes for Joint Details at Bridge Deck

1. Information shown on the plans are based on "as-built" plans and may not be accurate. Measure actual joint gaps prior to ordering of material.
2. Remove asphalt concrete overlay and clean block-out per manufacturer's published procedures.
3. Remove any cracked or weakened concrete sections exposed after the asphalt concrete overlay has been removed using methods as approved by the Engineer.
4. If existing angle irons are present on the deck surface, inspect angle irons for any defects, especially for soundness of underlying concrete. If accepted by the Engineer as sound, the angle irons may remain in place. Otherwise, remove angle irons and any underlying damaged concrete using methods as approved by the Engineer.
5. Use caution to avoid cutting any reinforcing steel. If any reinforcing steel is accidentally cut, immediately report the incident to the Engineer.
6. Repair all chipped, spalled, or damaged concrete in joint areas using methods as approved by the Engineer.
7. Install Silspec 900 Polymer Nosing and Dow Corning 902 Rapid Cure Sealant per manufacturer's recommendations.
8. A representative of the Silspec manufacturer shall be present at the start of work to demonstrate proper cleaning and installation techniques.
9. Clean up and remove all debris accumulated on bridge members located directly below the joints to the satisfaction of the Engineer.
10. All work necessary for the complete installation of each joint system, including but not limited to ordering of materials, preparation of joints, removal of angle irons, repair of concrete in joint areas, installation of Silspec 900 polymer nosing system, installation of Dow Corning 902 Rapid Cure Sealant, installation of backer rod, clean up, disposal of debris, and furnishing of all materials, equipment, and labor (including expenses for manufacturer's representative); shall be considered incidental to the cost for the various contract items under Section 401 - Hot Mix Asphalt (HMA) Pavement.
11. For bridge joint locations, see plan sht. no. 9.



Notes

1. Detail is for both sides of Bridge.
2. Prepare raised curb and sidewalk area per sealant manufacturer's recommendation. Install sealant according to manufacturer's recommendation.
3. Clean up and remove all debris accumulated on bridge members located directly below raised curb joints to the satisfaction of the Engineer.
4. Preparation, installation, clean up and debris removal called for above, including furnishing all materials, equipment, and labor; shall be considered incidental to the cost for the various contract items under Section 401 - Hot Mix Asphalt (HMA) Pavement.

RAISED CURB JOINT SEAL REPAIR DETAIL

Scale: N.T.S.

ORIGINAL PLAN
SURVEY PLOTTED BY
DRAWN BY
TRACED BY
DESIGNED BY
QUANTITIES BY
CHECKED BY
DATE
NOTE BOOK
No.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BRIDGE JOINT REPAIR DETAILS

MOANALUA FREEWAY RESURFACING
MILE POST 0.00 to MILE POST 0.74
Project No. HWY-0-05-05M

Scale: As noted Date: April, 2010

SHEET No. 01 OF 1 SHEETS