

F.A.B. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317		PEORIA	27	9
STA. 211+60.95		TO STA. 219+27.65		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		
* 04 Joint Repair 2006				

Two-Part, Rapid-Cure 100% Silicone Jt. Sealer

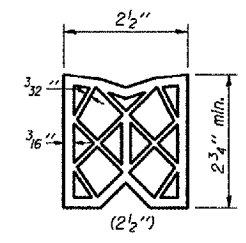
All exposed and accessible (from the top) steel surfaces shall be blasted to near white condition, then metalized. In sidewalk and parapet wall areas w/o steel, the concrete shall be cleaned by blasting and blowing clean until dust-free and dry prior to sealant application; metalizing of concrete is not required.

Backer Rod diameter 25 % greater than joint opening.

NOTE
Dimension "B" min. = 2 x "A" (where "A" = 3/8" to 5/8"). Height of bonding surface should be approximately (2x) sealant min. thickness. Dimension "C" varies between 1" - 2 1/2".

PROPOSED BRIDGE JOINT SEALER DETAIL

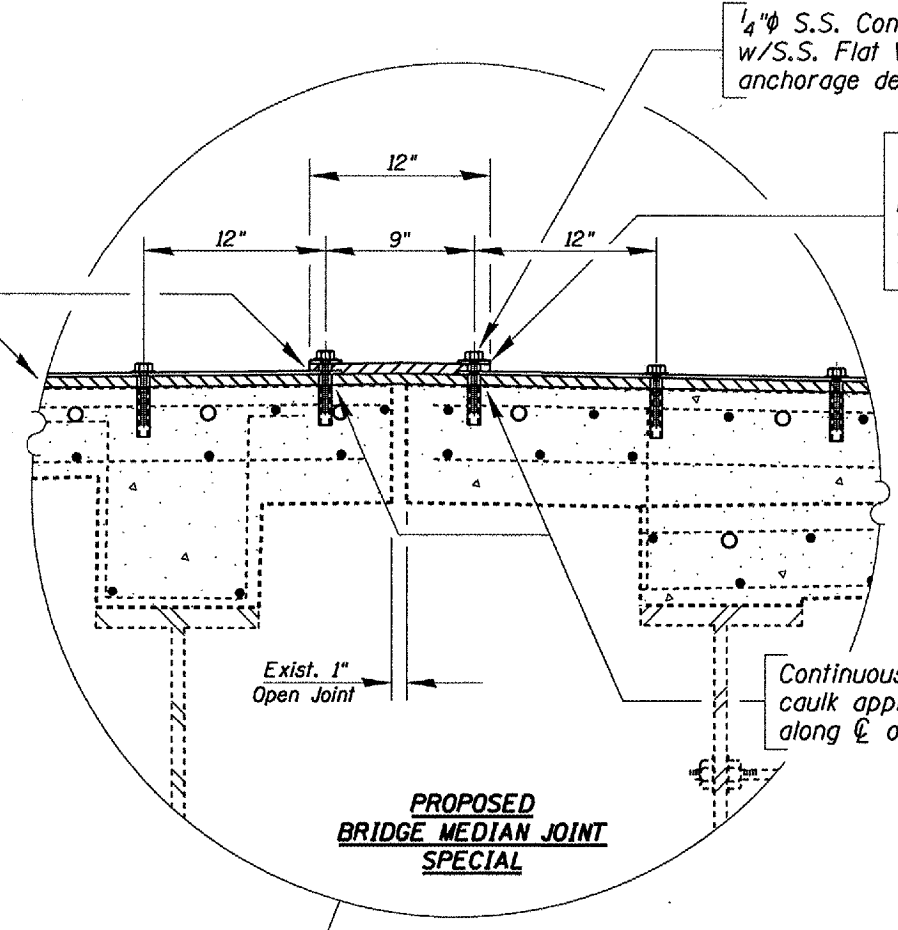
12"w. x .060"th. EPDM. All Transverse & Longitudinal Median Joints only



EXISTING PREFORMED JOINT SEAL

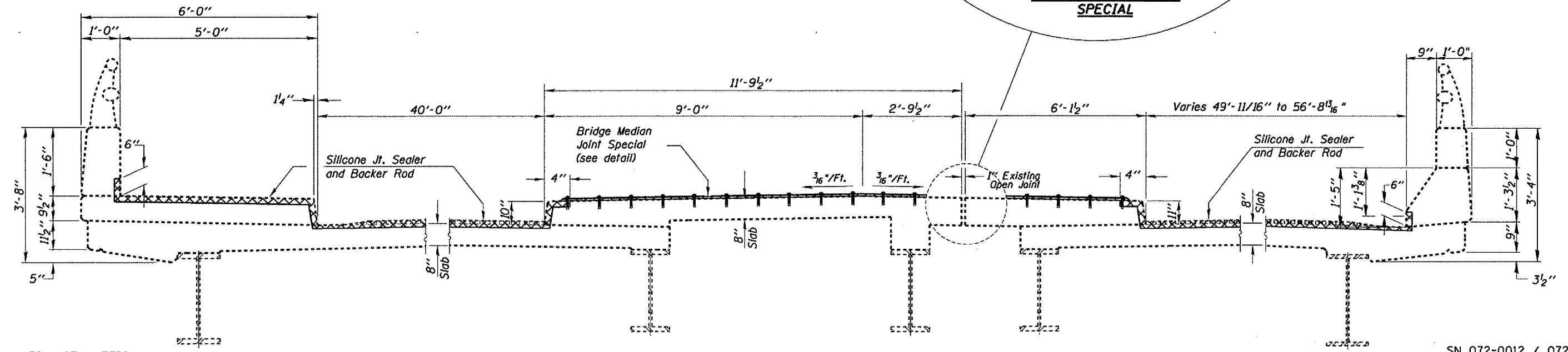
1/4" S.S. Conc. Screws w/S.S. Flat Washers. 1" min. anchorage depth into concrete

5/16" th. x 1" w. S.S. or aluminum plate strips with holes @ 12" centers. Hole or edge burrs must be removed to prevent damage to the EPDM.



PROPOSED BRIDGE MEDIAN JOINT SPECIAL

Continuous 1/4" min. bead of 100% Silicone caulk applied under each edge of EPDM along C of Fastening Screws. (Incidental)



EXISTING BRIDGE DECK CROSS SECTION
(SN. 072-0012 & 072-0133)
Looking East

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
BLAST CLEANING BRIDGE JOINT STEEL	FOOT	687
THERMAL SPRAY (METALIZING) BRIDGE JOINT STEEL	FOOT	643
SILICONE JOINT SEALER	FOOT	687
BRIDGE MEDIAN EPDM SPECIAL	FOOT	890

PLT DATE
FILE NAME
PLOT SCALE
REFERENCE

NOTE
ALL DIMENSIONS TAKEN AT RIGHT ANGLE TO ROADWAY CENTERLINE.

REVISIONS	
NAME	DATE

SN 072-0012 / 072-0133
Adams St. over Clark St.

ILLINOIS DEPARTMENT OF TRANSPORTATION

DECK & JOINT DETAILS

SCALE: VERT. HORIZ. DATE: 08-16-2005

DRAWN BY CEJ
CHECKED BY