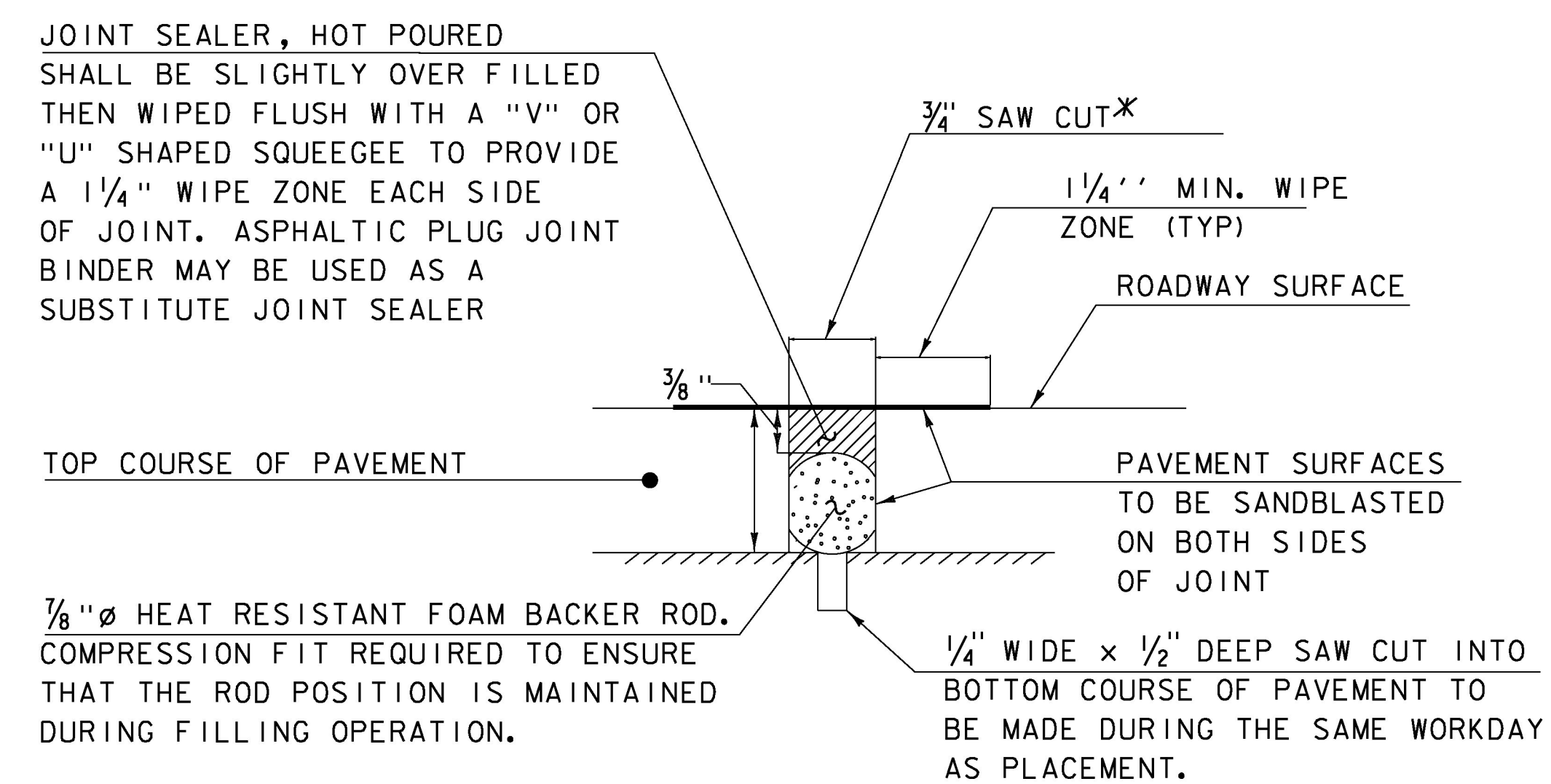


**BOX CULVERT JOINT DETAIL**

NOT TO SCALE

**NOTES:**

1. THREADED BOLTS, JOINT SEALANT, AND GROUT PAID UNDER ITEM 540.10 "PRECAST CONCRETE STRUCTURE (14'-0" X 7'-0" X 56'-0" BOX)".
- △ 2. MEMBRANE WATERPROOFING **WILL BE CONSIDERED INCIDENTAL TO ITEM 540.10 "PRECAST CONCRETE STRUCTURE (14'-0" X 7'-0" X 56'-0" BOX)".**



**SAWED PAVEMENT JOINT DETAIL**

NOT TO SCALE

- \* JOINT IS TO BE LOCATED ACCURATELY BY STRING LINING, OR OTHER MEANS, PRIOR TO PAVING, SO THAT THE SAW CUTS WILL BE MADE DIRECTLY OVER THE END OF CONCRETE DECK. JOINT SHALL BE CUT DRY IN A SINGLE PASS AND BE SEALED WITHIN 24 HOURS OR PRIOR TO EXPOSURE TO TRAFFIC. JOINT SHALL BE CLEANED PRIOR TO APPLYING THE JOINT SEALER.
- \* SAW CUTTING INCLUDED IN UNIT COST FOR ITEM 900.680 "SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY)"
- \* BACKER ROD INCLUDED IN UNIT COST FOR ITEM 524.11 "JOINT SEALER, HOT Poured".
- \* JOINT SEALER, HOT Poured OR ASPHALTIC PLUG JOINT MATERIAL SUBSTITUTE AND ALL WORK REQUIRED FOR INSTALLATION WILL BE PAID UNDER ITEM 524.11 "JOINT SEALER, HOT Poured"

REV	DATE	DESCRIPTION
△	12/5/2016	PAY ITEM CHANGE

PROJECT NAME:	HANCOCK
PROJECT NUMBER:	ER STP 0174 (18)
FILE NAME:	z12c412str.dgn
PLOT DATE:	10/11/2016
PROJECT LEADER:	J. TUCKER
DRAWN BY:	B. BRESLEND
DESIGNED BY:	B. BRESLEND
CHECKED BY:	E. DETRICK
STRUCTURE LAYOUT AND DETAILS SHT 2	SHEET 33 OF 42