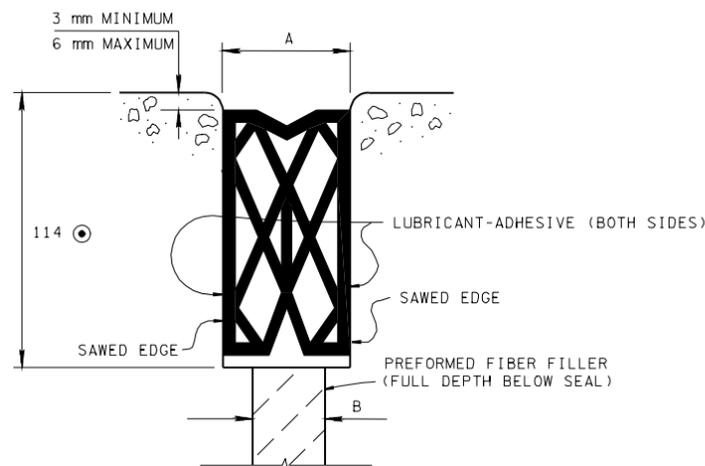
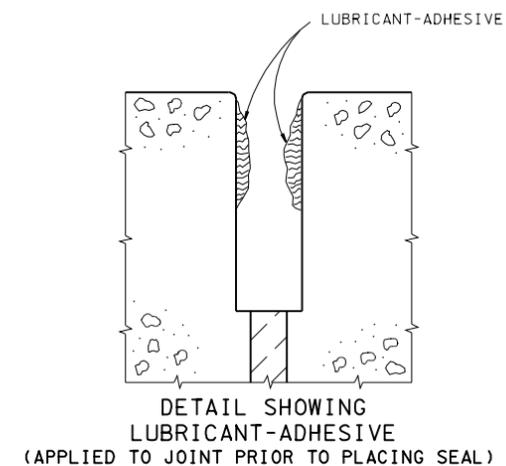


JOINT SEAL FOR 44 mm EXPANSION JOINTS



DETAIL SHOWING EXPANSION CHARACTERISTICS FOR TYPE I PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL AS APPLIED TO 44 mm EXPANSION JOINTS

⊙ IF THERE IS A VERTICAL SPACE PROBLEM USING THIS JOINT SEAL DUE TO PAVEMENT DEPTH, THE CONTRACTOR WILL REDUCE THIS DEPTH AND SELECT A LOWER PROFILE JOINT SEAL THAT WILL BE CLEAR OF THE DOWEL BARS.



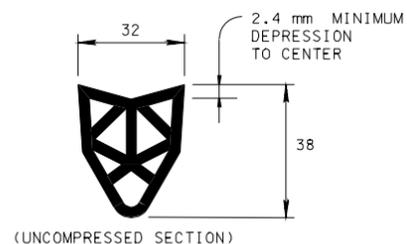
DETAIL SHOWING LUBRICANT-ADHESIVE (APPLIED TO JOINT PRIOR TO PLACING SEAL)

TABLE OF VARIABLE DIMENSIONS FOR TYPE I PREFORMED ELASTOMERIC 44 mm EXPANSION JOINTS IN mm

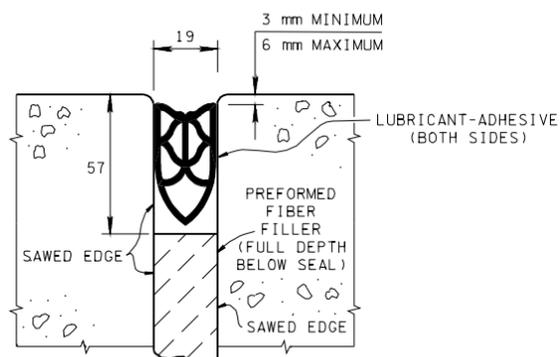
TYPE	DIMENSION	CONCRETE PAVEMENT TEMPERATURE (C°)				
		-4°	6°	16°	26°	35°
I	A	64	54	44	35	25
	B	44	35	25	16	6

SEE STANDARD DRAWINGS RPM-J-1, RPM-J-5, RPM-J-7, AND RPM-J-11

- GENERAL NOTES**
- (A) THE ELASTOMERIC JOINT SEALS SHALL BE THE OPEN-CELL COMPRESSION TYPE INTENDED FOR USE IN SEALING JOINTS IN CONCRETE PAVEMENT.
 - (B) THE CONTRACTOR WILL BE REQUIRED TO FURNISH THE ENGINEER A CERTIFIED COPY OF THE TEST RESULTS INDICATING THAT THE MATERIAL TO BE USED COMPLIES WITH THE SPECIFICATION REQUIREMENTS.
 - (C) THE CONTRACTOR SHALL ALSO FURNISH A CERTIFICATION FROM THE MANUFACTURER STATING THE LUBRICATING ADHESIVE MATERIAL MEETS THE SPECIFICATION REQUIREMENTS.
 - (D) THE SEAL CONFIGURATION SHOWN IS GENERAL AND MAY VARY WITH JOINT TYPE AND MANUFACTURER.
 - (E) THE ELASTOMERIC COMPRESSION SEALS AND LUBRICANT-ADHESIVE SHALL CONFORM TO AASHTO M220 SPECIFICATIONS.
 - (F) THE CONTRACTOR SHALL SUBMIT DETAILS OF ELASTOMERIC COMPRESSION JOINT SEALS FOR 44 mm EXPANSION JOINT TO MATERIALS AND TEST DIVISION FOR APPROVAL.
 - (G) THE JOINTS SHOULD BE FORMED AND CONSTRUCTED TO A TRUE LINE AND HAVE VERTICAL FACES THAT ARE PLUMB.



TYPE I PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL FOR 19 mm EXPANSION JOINTS



19 mm EXPANSION JOINT WITH TYPE I PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL

SEE DRAWING RPM-J-11 FOR JOINT DETAIL
SEE DRAWING RPM-I-5 FOR JOINT LOCATIONS



ALL UNITS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

☐ MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

19 mm AND 44 mm
ELASTOMERIC
COMPRESSION
JOINT SEALS

11-1-95 RPM-J-13

CROSS-REFERENCE DRAWINGS FOR THIS SHEET: RPM-I-5, RPM-J-1, RPM-J-5, RPM-J-7, RPM-J-9 AND RPM-J-11.