

MICHIGAN
DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION
FOR
PRESSURE RELIEF JOINT

STM:JD

1 of 1

APPR:TGH:CRB:03-27-23
FHWA:APPR:03-29-23

a. Description. This work consists of constructing pressure relief joints. Perform this work in accordance with sections 602 of the Standard Specifications for Construction, this special provision, and the details shown on the plans.

b. Materials. Select the open cell, self-expanding, silicone pre-coated joint filler material from the following list, or equal, as approved by the Engineer. Ensure furnished material is capable of plus-50 percent and minus-50 percent movement. Size the width of the joint material to accommodate a nominal 4-inch opening.

<u>Company</u>	<u>Product Name</u>
LymTal International, Inc.	Iso-Flex SILFAST XL
Watson Bowman Acme Corp.	Wabo®FS Bridge Seal
EMSEAL Joint Systems Ltd.	BEJS System

c. Construction. Construct pressure relief joints at the locations shown on the plans.

Sawcut and remove pavement at the location the pressure relief joint is to be installed to a width of no less than 4 inches and no more than 4¼ inches. Pavement removal widths outside of these tolerances will require alternate size joint material to be ordered to accommodate the actual opening width as saw-cut in the field. Ensure the vertical surfaces of the concrete adjacent to the pressure relief joint are clean and dry. Remove surface imperfections, curing compound, oils, grease and other debris by abrasive blasting prior to application of adhesives or primers.

Install joint materials in accordance with the manufacturer's installation procedures/guidelines. Recess the surface of the pressure relief joint material 1/2 inch. Obtain the Engineer's approval of installation procedures/guidelines prior to installation.

d. Measurement and Payment. The completed work, as described, will be measured and paid for at the contract unit price using the following pay item:

Pay Item	Pay Unit
Joint, Pressure Relief	Foot

Joint, Pressure Relief will be measured along the centerline of the joint.