Washington State Department of Transportation

Memorandum

June 30, 2025

TO: Mark Gaines, Development Division Director & State Design Engineer
MS 47329

FROM: Amy Leland/Scott Sargent
PHONE: 705-7181/705-7753

SUBJECT Rapid Cure Silicone Sealant Expansion Joint System
GSP 6-02.2.OPT26.GB6

The Bridge and Structures Office certifies blanket proprietary item approval for the 2025-2027 biennium for the Dow Corning 902 RCS Joint Sealant and associated proprietary primers for use in the rehabilitation of small to medium motion range bridge expansion joints.

The Dow 902 RCS joint sealant, when used in accordance with the manufacturer's recommendations, has provided consistent cost-effective performance for small to medium motion range bridge expansion joints in WSDOT projects since 1995.

As a steward for the public interest, the WSDOT Bridge and Structures Office Bridge Expansion Joint Specialist is responsible for ensuring that the products used for small to medium motion range bridge expansion joints provide a watertight joint that is cost effective for construction and maintenance. While WSDOT has attempted trial use of other proprietary systems claiming to meet such performance standards, post-construction and maintenance evaluation of these other products indicates that all have significant maintenance performance issues.

Based on evaluation of available known alternative products by the Bridge and Structures Office, in conjunction with the Region Bridge Maintenance Engineers, the Dow Corning 902 RCS joint sealant is the only product found to provide consistent construction and maintenance performance. The Bridge and Structures Office will continue to evaluate alternative bridge expansion joint systems for possible use in WSDOT projects.

If you have questions concerning this request, please contact Scott Sargent at (360) 705-7753.

I, Amy Leland, State Bridge Design Engineer, of the Washington State Department of Transportation, do hereby certify that no equally suitable alternative exists for this patented or proprietary item.

Amy C. Leland

Date: 6/30/2025

AL:wss

DOT 700-008X - E
Revised 6/92

WSS

cc: R. J. Dornsife, Bridge and Structures - 47340