



U.S. Department
of Transportation

**Federal Highway
Administration**

Washington Division

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June 1, 2011

HDE-WA/WAP968

Ms. Paula J. Hammond
Secretary of Transportation
Department of Transportation
Olympia, Washington

Attention: Pasco Bakotich III, PE

**Statewide Blanket Proprietary Bridge
Items – Proprietary Item Request**

Dear Ms. Hammond:

We have reviewed the documentation submitted with your May 11, 2011, letter requesting FHWA approval of three proprietary items: Rapid Cure Silicone Sealant Expansion Joint System; Welded Wire Face Structural Earth Wall; and, Anvil International Concrete Insert. These products are intended to be used statewide, in part, on federally funded projects. We concur with the Bridge Office's certification that based on WSDOT's research and experience, that these items have no suitable equivalent alternatives in terms of longevity, dependability, functionality, durability, and availability.

We approve the use of these proprietary products on Federally funded projects for the 20 11-2013 biennium.

Please contact Don Petersen at (360) 534-9323 if you have any questions.

Sincerely,
DANIEL M. MATHIS, P.E.
Division Administrator

By: Donald A. Petersen
Division Safety/Design Engineer

Enclosures (3)
cc: Kent Kalisch, MS47329





Washington State
Department of Transportation

Memorandum

March 25, 2011

TO: J. C. Lenzi/P. Bakotich
E&EP/Design - 47329

APPROVED
DIVISION ADMINISTRATOR
BY: *Donald A. Storm* 6/2/2011

FROM: R. A. Lewis/M. H. Bauer *MB*
PHONE: 705-7396/705-7190

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

The Bridge and Structures Office requests blanket proprietary item approval for the 2011-2013 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 Corning 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 Mike Bauer at (360) 705-7190.

RAL:tms
MHB
SF032511(782)

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

APPROVED	
<i>Parco Bakotich</i>	
State Design Engineer	
Date	<i>4/28/11</i>