



Maura Healey, Governor
Kimberley Driscoll, Lieutenant Governor
Phillip Eng, Interim MassDOT Secretary
Jonathan L. Gulliver, Undersecretary and Highway Administrator



September 17, 2026

612874-136561

ADDENDUM NO. 1

To Prospective Bidders and Others on:

SHREWSBURY-WORCESTER
Bridge Preservation, S-14-021=W-44-115, I-290 (EB and WB
over Lake Quinsigamond and Lake Avenue North

THIS PROPOSAL TO BE OPENED AND READ: TUESDAY, OCTOBER 27, 2026 at 2:00 P.M.

Transmitting revisions to the Contract Documents as follows:

DOCUMENT A00801: Revised page 85.

Take note of the above, substitute the revised page for the original, and acknowledge Addendum No. 1 in your Expedite Proposal file before submitting your bid.

Very truly yours,

Slava
Podluzny
for Eric M. Cardone, P.E.
Construction Contracts Engineer

Digitally signed
by Slava
Podluzny
Date: 2026.09.17
14:16:52 -04'00'

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cc: Genesis PozDiaz, Project Manager

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① Addendum No. 1, September 17, 2026

ITEM 972.1**STRIP SEAL BRIDGE JOINT SYSTEM****FOOT**

The work under this Item shall conform to the relevant provisions of Subsection 901 and 972 of the Standard Specifications supplemented with the following:

The work shall consist of furnishing and installing strip seal bridge joint systems to replace existing armored compression joints at Bridge No. S-14-021 = W-44-115 (1RA & 1RB). This system shall consist of structural steel components, bolts, nuts, washers, lock washers, expansion anchors, preformed neoprene seal and lubricant-adhesive, and Ultra High-Performance Concrete (UHPC), all combined in the manner required by Contract Document and as detailed in the attached drawings so that a fully operational, waterproof system will seal the joint over which it is installed.

MATERIALS SURFACE PREPARATION AND INSTALLATION REQUIREMENTS:

All materials used for system components shall conform to the requirements of Subsection 972, unless otherwise modified herein or superseded by an approved procedure. The Contractor shall adhere to the construction methods specified in Subsection 972.

Ultra-High-Performance Concrete (UHPC) shall be Rapid Set UHPC Mortar, as manufactured and supplied by CTS Cement Manufacturing Corporation, Garden Grove, CA 92841, or an approved equal.

The concrete surface intended to receive the UHPC shall be clean and free of oil, asphalt, curing compounds, acids, and other bond-breaking materials. Surface preparation shall be carried out using mechanical methods, such as shot blasting, to achieve an ICRI Concrete Surface Profile (CSP) between 3 and 5.

UHPC installation shall be performed strictly in accordance with the manufacturer's requirements, utilizing a coarse aggregate-extended mix design as specified by the manufacturer and approved by the Engineer. Only clean, dry coarse aggregate, sized 1/4" to 3/8" and conforming to ASTM C33, shall be used. High-performance aggregate such as trap rock, emery, or carborundum shall be used to ensure abrasion resistance, with an abrasion value of 15% or less in accordance with ASTM C131. All materials, as well as mixing and placing equipment, shall be supplied or approved by the UHPC manufacturer.

- ① Steel fiber reinforcement shall conform to ASTM A820/A820M-04 and shall be specifically formulated for concrete reinforcement.

The Contractor shall submit a detailed UHPC mix design and placement procedure to the Engineer for approval at least sixty (60) days prior to the commencement of joint installation. This submittal shall include, at a minimum, the following:

- Handling and storage of materials
- Surface preparation requirements
- Concrete production process
- Casting procedures