



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



March 24, 2026

613295-133722

**ADDENDUM NO. 2**

To Prospective Bidders and Others on:

**GREENFIELD**

**Federal Aid Project No. STP(BR-OFF)-003S(930)X  
Deck Replacement, G-12-022 (144), Log Plain Road West over G&W Railroad**

**THIS PROPOSAL TO BE OPENED AND READ: TUESDAY, MARCH 31, 2026, AT 2:00 P.M.**

Transmitting changes to the Contract Documents as follows:

<u>QUESTIONS AND RESPONSES:</u>	1 page.
<u>DOCUMENT 00010:</u>	Revised pages 1 and 2.
<u>DOCUMENT 00719:</u>	Deleted document in its entirety
<u>DOCUMENT A00801:</u>	Revised pages 89 and 94, inserted new pages 94A and 94B.
<u>DOCUMENT B00853:</u>	Deleted document in its entirety.
<u>DOCUMENT B00854:</u>	Deleted document in its entirety.
<u>DOCUMENT B00855:</u>	Deleted document in its entirety.
<u>DOCUMENT B00856:</u>	Deleted document in its entirety

Please take note of the above, substitute the revised pages for the originals, delete documents indicated, insert new pages in proper order, and acknowledge Addendum No. 2 in your Expedite Proposal file before submitting your bid.

Very truly yours,

Eric M. Cardone, P.E.  
Construction Contracts Engineer

JPB  
cc: Muazzez Reardon, Project Manager

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**GREENFIELD**  
**Federal Aid Project No. STP(BR-OFF)-003S(930)X**  
**Deck Replacement, G-12-022 (144), Log Plain Road West over G&W Railroad**  
(613295-133722)

**Questions and Responses**

**Addendum No. 2, March 24, 2026**

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**Northern Construction e-mail dated March 20, 2026 @ 1:44 P.M.**

Question 4.) Please reference Sheet 2 of 28 General Notes. The notes call out concrete protective coating and anti-graffiti coating – see below:

**CONCRETE PROTECTIVE COATING:**

CONCRETE PROTECTIVE COATING SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES OF THE ABUTMENTS AND WINGWALLS. IT SHALL ALSO BE APPLIED TO THE EXTERIOR FACES OF BRIDGE RAIL AND DECK FASCIA AS SHOWN ON SHEET 17.

**ANTI-GRAFFITI COATING:**

ANTI-GRAFFITI COATING SHALL BE APPLIED TO ALL EXPOSED SURFACES ON AN AS-NEED BASIS, WITH APPROVAL OF THE ENGINEER, IN ACCORDANCE WITH THE SPECIFICATIONS. CONTRACTOR TO ENSURE AND VERIFY WITH THE ENGINEER THAT THE ANTI-GRAFFITI COATING IS COMPATIBLE WITH THE CONCRETE PROTECTIVE COATING MATERIAL.

I do not see a detail referenced in the note for the protective coating on sheet 17. Please provide a detail if required. If both the protective and Anti-Graffiti coatings are required, under what bid item will the contractor be compensated for this work?

Response 4.) No detail is required. Please refer to Subsection 901.41 and M4.13.0 of the 2026 Standard Specifications 2026 Edition. Both coatings will be compensated under item 992.1 ALTERATION TO BRIDGE NO. G-12-022 (144). See revised pages A00801-89, A00801-94, and new pages A00801-94A and A00801-94B.

**E. T. & L. Corp e-mail dated March 21, 2026 @ 10:24 A.M.**

Question 5.) Good morning, E.T. & L. Corp. has the following bid question with regards to 613295-133722 Deck Replacement, G-12-022 (144), Log Plain Road West over G&W Railroad: Please confirm that 12% DBE is required for this project.

Response 5.) The goal is revised there is no DBE goal for this project see revised pages 00010-1 and 00010-2.

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## ② Addendum No. 2, March 24, 2026

**ITEM 992.1**      **ALTERATION TO BRIDGE NO. G-12-022 (144)**      **LUMP SUM**

The work under this Item shall conform to the relevant provisions of Subsection 995 of the Standard Specifications and the following:

Work included in this item shall consist of constructing bridge elements in accordance with the designs and to the lines and grades shown on the plans, and in accordance with these specifications complete in place including the furnishing and installation of all materials that are part of the structures. The work under this Item shall include all materials, equipment and labor needed to construct the following:

- Preformed joint filler and bonded closed cell joint systems used between concrete elements;
- Cast-in-place concrete buried deck ends, wingwalls, deck slab, and sidewalks and all the steel reinforcement for these items;
- Shear connectors, laminated elastomeric bearings, mechanical reinforcing bar splicers, Type 1 protective screen, and S3-MTL4 metal bridge railing;
- ② • Concrete Protective Coating and Anti-Graffiti Coating.
- Precast Highway Guardrail Transitions;
- Membrane waterproofing for bridge decks, and Damp-proofing
- All items included hereinafter under Basis for Partial Payments.

It shall be the responsibility of the Contractor to provide all survey control necessary to assure accurate placement of all excavation and foundations. This responsibility shall further include, but not be limited to; locating of utilities, drainage, curbs, copings and railing. The Contractor shall be responsible for making all measurements of angles, bearings, distances, and elevations from the original transverse line to the places of construction, as shown on the Plans and/or furnished by the Engineer within the limits of project. The Contractor shall make all data and reference points established in the course of the control surveys available to the Engineer for review and use by State survey parties.

The work does not include any items listed separately in the proposal. Payment for materials shown on the Plans as being part of this bridge structure or which may be incidental to its construction and are not specifically included for payment under another Item shall be considered incidental to the work performed under this Item and shall be included in the unit price of the component of which they are a part.

**PREFORMED JOINT FILLER & BONDED CLOSED CELL JOINT SYSTEMS**

The work to be done under this Item shall include furnishing and installing preformed joint filler at expansion joints between concrete elements and the proposed sidewalk, and bonded closed cell joint system between concrete elements including, but not limited to, highway transition barrier, wingwall joints, and other joints to separate precast or prefabricated elements as specified in the plans.

**ITEM 992.1 (CONTINUED)**

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**D. Preparation of Closure Pours and Grouted Keyways.**

Immediately prior to erecting the PRECAST HIGHWAY GUARDRAIL TRANSITIONS, the closure pours and grouted keyways shall be cleaned at the job site of all dust, dirt, carbonation, laitance, and other potentially detrimental materials which may interfere with the bonding of the closure pour concrete or grout and precast concrete using a high-pressure water blast. Any exposed reinforcing steel in the precast concrete shall be protected from damage during the cleaning of the keyways. Damaged epoxy coating of steel reinforcement shall be repaired, and the reinforcing steel shall be cleaned as directed by the Engineer. The surfaces of the closure pours and grouted keyways shall be wetted so that the surfaces shall have a Saturated Surface Dry (SSD) condition for at least 24 hours prior to the placement of the closure pour concrete.

**E. Erection.**

The elements shall be placed in the sequence and according to the methods outlined in the Erection Procedure. As the erection proceeds, the Contractor shall constantly monitor the assembly to ensure that the precast concrete bridge element is within proper horizontal and vertical location and tolerances prior to releasing it from the crane and setting the next unit. The Contractor may use shims to maintain proper setting tolerances.

The concrete elements shall be lifted only by the lifting devices, and the utmost care shall be taken to prevent distortion of the elements during handling, transportation or storage.

This approval will be contingent on the Contractor demonstrating by calculations, prepared by a Professional Engineer registered in Massachusetts, that the elements will not be damaged by the non-vertical lifting force and by documentation that the capacity of the lifting devices is adequate for the non-vertical lifting force.

After all PRECAST HIGHWAY GUARDRAIL TRANSITIONS have been placed, the actual overall dimensions of the structure both horizontal and vertical, as laid out shall not deviate from the nominal dimensions shown on the plans beyond a tolerance of +0 inches and -1 inches. Once the layout of PRECAST HIGHWAY GUARDRAIL TRANSITIONS has been accepted by the Engineer, the Contractor shall cut all lifting devices off below the surfaces of the elements.

**F. Filling of Blockouts for Lifting Devices and Threaded inserts.**

If the blockouts in the PRECAST HIGHWAY GUARDRAIL TRANSITIONS where the lifting devices were located will be exposed and visible after assembly is complete, the Contractor shall fill these blockouts with Mortar (M4.04.5).

After the formwork has been removed, all threaded inserts that have been cast into the precast concrete bridge deck for support of the formwork shall be filled with a grout of the same color as that of the precast concrete.

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**ITEM 992.1 (CONTINUED)**

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**ANTI-GRAFFITI COATING**

This work shall consist of applying of marking repellent anti-graffiti protective coating to painted and/or unpainted surfaces of steel, concrete, and/or masonry structures owned by MassDOT that have either been cleaned from graffiti or any other areas determined by the Engineer to be susceptible to be graffitied. The work shall be done to the acceptance of the Engineer.

The limits of such application shall be as directed by the Engineer.

**MATERIALS**

The protective coating shall be a breathable, clear non-sacrificial urethane or acrylic water-based formulation designed as an anti-graffiti solution. The coating product shall be compatible with the surface/substrate it will be used on as per the manufacturer's data sheet. It shall also be a mixture developed from non-toxic and non-corrosive substances.

The Contractor shall provide the manufacturer's product literature including surface preparation data, mixing, application, spread rates, storage and Volatile Organic Compounds (VOC) compliance certification.

Acceptance of the coating compound will be based on the manufacturer's certification that the material conforms to the requirements of this specification. A list of anti-graffiti coating materials, conforming to the type and nature of application shall be submitted to the Engineer in order to make appropriate selection.

Any product approved by the Engineer shall comply with the volatile organic compound (VOC) requirements of the Massachusetts Department of Environmental Protection (MassDEP) regulation 310 CMR 7.25(11), Architectural and Industrial Maintenance (AIM) Coatings. The product selected for anti-graffiti applications shall be consistent with the recommendations of the coating manufacturer.

**CONSTRUCTION DETAILS**

1. The Contractor shall submit the application method, cut sheets of coating equipment, the anti-graffiti compound for the Engineer's approval.
2. The substrate surfaces shall be thoroughly cleaned before applying coating. All dust, dirt, oil, grease, and other substances which might prevent the adhesion of the paint to the substrate shall be removed. This cleaning shall be considered incidental to the work under this Item.

**ITEM 992.1 (CONTINUED)****Addendum No. 2, March 24, 2026**

3. At the beginning of the anti-graffiti application operation at each assigned location, the Contractor shall apply the chosen material on a 3' by 3' test area to demonstrate its effectiveness, compatibility with existing surface, and the final appearance to the Engineer for approval. Upon the review of the result, the Engineer may require the Contractor to modify the application method to suit the situation on hand. The cost associated with performing the test area shall be considered incidental to this Item.
4. The anti-graffiti coating material shall be applied as per manufacturer's specification. A minimum of two coats shall be applied. The contractor shall provide product data and manufacturer's recommendations for use by the Engineer for approval at least two weeks prior to starting of work.
5. The thoroughness of the anti-graffiti application is subject to the approval of the Engineer. If the Engineer establishes the work requires additional application, the Contractor shall remedy at no additional cost to the State. The Contractor shall also take appropriate precautions to prevent any coating chemical from falling onto traffic.
6. The surface preparation and application procedure shall be consistent with the recommendations of the anti-graffiti coating manufacturer. If after application is completed, and the cleaned surface becomes soiled as a result of the Contractor's operations, it shall be re-cleaned, at the expense of the Contractor.
7. Surfaces receiving anti-graffiti coating shall be tested on selected locations by the Engineer to prove that the surfaces are anti-graffiti and leaves no mark when a paint is applied. The Contractor shall supply the Engineer with commonly used spray paints used by graffiti artists along with manpower and equipment to do the test. The cost of the test and associated supply of material, manpower and equipment shall be incidental to the pay item.

**MECHANICAL REINFORCING BAR SPLICER**

The work under this heading shall conform to the applicable provisions of Subsection 901 and M8.01.9 of the Standard Specifications and shall be selected from the Qualified Construction Materials List.