

ADDENDUM NO. 4

CITY OF PORTSMOUTH, NH

PROPOSED BRIDGE REPAIRS

**MARKET STREET OVER TIDAL BASIN (NHDOT BRIDGE NOS. 240/106 & 241/106),
KEARSARGE WAY OVER PAN AM RAILWAYS (NHDOT BRIDGE NO. 240/132),
& RECREATION TRAIL OVER MARKET STREET (NHDOT BRIDGE NO. 220/143)**

This Addendum forms part of the Contract Documents and modifies the original Drawings and Specifications dated February 2020. This Addendum consists of 4 pages of modifications to the contract documents consisting of pages ADDM-1 through ADDM-4.

Bidders shall acknowledge receipt of this addendum by writing the words "Addendum No. 4" on the line provided for such on page 00300-1 of the Bid Form. Failure to do so may disqualify the bidder and their bid.

SPECIFICATIONS

1. Special Provision, Section 556 – Painting Existing Structural Steel

The Special Provision for Section 556 is revised to include revisions for cleaning damaged surfaces, including all areas showing any evidence of the presence of rust, and is reissued with this Addendum; replace the revised Section 556 Special Provision issued with Addendum No. 3 in its entirety with pages ADDM-3 to ADDM-4.

RESPONSES TO QUESTIONS

1. The following questions have been received to-date, which have been repeated below with responses in *italics*.

Market Street over Tidal Basin

Question #1: Can the connection of the modified approach rail to existing bridge rail be modified such that a standard connection plate can be used, in lieu of a modified connection plate, by installing an offset block behind the existing top bridge rail such that the top and bottom railings are flush?

For the purposes of the bid, prospective bidders should assume that only the modified approach rail connection as shown in the contract plans will be allowed. The City will consider alternative connections during construction and not unreasonably withhold approval of an alternate detail provided it meets all applicable design and safety standards and has a similar finished appearance to that of the rail

connection detail shown in the contract plans. No additional compensation will be made for any alternative connection permitted, if approved for use on this project.

Recreation Trail over Market Street

Question #2: As I understand it from the addendum covering Question #17 [Addendum No. 2], ("What are the requirements and limits of the structural steel painting?"), All surfaces are to be painted, but only the damaged or rusted surfaces receive surface preparation. The specified surface preparation identified in the Addendum is SSPC-SP10 blast cleaning (to near white metal). When there is an abrasive blasting surface preparation specification identified, there is typically a containment specification as well to prevent spent abrasive and coatings debris from escaping the work area. Is there a specified containment requirement for this project?

The surface preparation requirements for damaged or rusted surfaces have been revised via Section 556 Special Provision reissued with this Addendum.

All surfaces shall be thoroughly cleaned of all loose or foreign substances. Oil and grease shall be removed by the use of SSPC-SP 1, Solvent Cleaning.

All areas of coating defects and/or corrosion shall be prepared in accordance with SSPC-SP 11 "Power Tool Cleaning to Bare Metal". The periphery of each spot area should be carefully feathered to provide a smooth transition to the surrounding intact paint. Power tools used for surface preparation shall be equipped with vacuum shrouds to capture the surface preparation waste.

Enclosed containment is not required for this project. However, the Contractor shall take all necessary measures to ensure that paint chips or debris does not fall onto the Market Street roadway or surrounding ground surface during surface preparation and/or painting. All costs for the erection, maintenance, and removal of temporary structures required for shielding or other such methods, as approved, shall be incidental to the work.

**SPECIAL PROVISION
AMENDMENT TO SECTION 556 – PAINTING EXISTING STRUCTURAL STEEL
ITEM 556.101 - PAINTING EXISTING STRUCTURAL STEEL**

Add to Description

1.3. Due to the age of the structure (constructed in 1985), it is anticipated that the existing paint system does not contain lead-based materials; however, no investigation has been completed to test for the potential presence of lead-based coatings. The Contractor shall take all necessary and prudent environmental and worker safety precautions when in contact with the existing paint system.

Add to Construction Requirements

3.3. All structural steel to be painted requires a maintenance overcoat system; all surfaces to be painted shall receive one full application of each of the intermediate and finish coats of paint.

3.3.1. Prior to applying the first field coat of paint, all surfaces shall be thoroughly cleaned of all loose or foreign substances. Oil and grease shall be removed by the use of SSPC-SP 1, Solvent Cleaning.

3.3.2. All unpainted or damaged surfaces including all areas showing any evidence of the presence of rust, shall be prepared in accordance with SSPC-SP 11 Power Tool Cleaning to Bare Metal. The periphery of each spot area should be carefully feathered to provide a smooth transition to the surrounding intact paint. Power tools used for surface preparation shall be equipped with vacuum shrouds to capture the surface preparation waste. Surfaces prepared to bare metal shall be painted on the same day it is cleaned.

3.3.2.1. Areas that have been prepared to a SSPC-SP 11 condition, shall receive a spot primer application of the intermediate coat (acting as a primer at 2-4 mils DFT).

3.4. Containment. Closed Containment is not required for this project. However, the Contractor shall be responsible for collection and removal of all debris during surface preparation and cleaning operations.

3.4.1. Containment Above Market Street Roadway. The Contractor shall erect adequate containment structures to prevent paint chips, debris, and SSPC SP1 Solvent Cleaning materials from falling onto the Market Street roadway below the main span during surface preparation and/or painting. Permeable containment materials above the Market Street Roadway shall not be permitted.

3.4.2. Containment Below Approach Spans. Paint chips and debris shall be removed from the ground and surfaces in and around the worksite at the end of each day; ground tarpaulins or other coverings may be used. At the Contractor's option, containment structures or permeable containment materials may be suspended under the work area to capture the debris at the time of removal. Permeable materials for the purpose of this specification are defined as materials with openings measuring 25 mils or less in greatest dimension.

3.5. Maintenance of Traffic.

3.5.1. The Contractor shall submit a contractor detailed temporary traffic control plan (TTCP) to the City and Engineer for review and approval. The TTCP shall include a contractor detail vehicular traffic control plan for completing work over and adjacent to Market Street.

3.5.1.1. The TTCP submittal shall include proposed traffic control devices and proposed traffic control device locations. Traffic control devices may include construction signs, warning devices, barricades, channeling devices or other necessary traffic control device required to complete the work. Traffic control devices shall be in conformance with the Standard Specification Section 619 and the Manual on Uniform Traffic Control Devices (MUTCD).

3.5.2. Vehicular traffic on Market Street may be reduced to a single lane of one-way traffic in the eastbound direction and a single lane of one-way traffic in the westbound direction between the hours of 9:00 am and 3:00 pm, Monday through Friday. Market Street shall remain open to all lanes of traffic in each direction during the following times:

- Monday through Friday between the hours of 6:00 am and 9:00 am
- Monday through Friday between the hours of 3:00 pm and 7:00 pm

3.5.3. Market Street shall be returned to the normal traffic pattern at the conclusion of each workday; long-term lane closures shall not be used.

3.5.4. Lane closures on Market Street will not be allowed on the weekends or on holidays.

3.5.5. The regular work hours of 7:00 am to 6:00 pm, Monday through Friday, as noted in Section 01010 Article 1.6.C, shall apply. Work outside of these hours must be approved by the Director of Public Works.

Add to Basis of Payment

5.1.1. Any apparatus, material, and labor not specifically mentioned herein which may be found necessary to complete or perform any portion of the work in a satisfactory manner and in compliance with the requirements implied or intended in these specifications shall be furnished by the Contractor at no additional cost to the City; this includes but is not limited to containment and protection systems.

5.1.2. Temporary traffic control required on Market Street to complete the work shall be incidental to the work.

Add to Pay item and unit

556.101	Painting Existing Structural Steel	Unit
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