

April 28, 2016

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION
DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES BID NO. 7550450

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2016-CB-030

FEDERAL-AID PROJECT NO. FAP Nos: BRO-0471(002)

Improvements to I-195 Superstructure Replacment of Paw. Ave. Br.471

Pawtucket Avenue Bridge No. 471

CITY/TOWN OF East Providence, Barrington

COUNTY OF PROVIDENCE, BRISTOL

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 4 Prospective bidders and all concerned are hereby notified of the following changes in the Plans, Specifications, Proposal and Distribution of Quantities for this contract. These changes shall be incorporated in the Plans, Specifications, Proposal and Distribution of Quantities, and shall become an integral part of the Contract Documents.

A. Specifications - Job Specific

1. Page JS-3

Remove and replace page JS-3 in its entirety with revised page JS-3(R-1) attached to this Addendum No. 4. The Index has been revised.

2. Page JS-49

Remove and replace page JS-49 in its entirety with revised page JS-49(R-1) attached to this Addendum No. 4. Item Code 800.9910 has been revised.

3. Page JS-49A

Insert page JS-49A attached to this Addendum No. 4. Page JS-49 of Item Code 800.9910 has been revised and extends onto this new page.

4. Page JS-76

Remove and replace page JS-76 in its entirety with revised page JS-76(R-1) attached to this Addendum No. 4. Item Code 805.9910 has been revised.

5. Page JS-76A

Insert page JS-76A attached to this Addendum No. 4. Page JS-76 of Item Code 805.9910 has been revised and extends onto this new page.



RI Department of Transportation
Chief Engineer

<u>SECTION</u>	<u>TITLE</u>	<u>PAGE</u>
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T11.9999	Temporary Traffic Signal Systems Construction And Maintenance	JS-99
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T.17	Overhead Sign Panels and Supports	JS-105

12. Placing the cast-in-place UHPC deck closure pours , the cast-in-place transverse closure pours over the pier area, the cast-in-place transverse closure pour at the end of the deck over the backwalls, the cast-in-place concrete sidewalk closure pours, and the cast-in-place concrete parapet closure pour including; steel reinforcement, dowel in bars, dowel bar splicers assembly, lifting anchors, hardware, connectors, and any and all embedded or attached components as required for completing the work.
13. Placing granite curb on non-shrink grout base, film-former protective coating, protective screen, mastic sealant, polyurethane elastomeric joint sealant (2-part), bituminous material at joint, backer rod, closed cell preformed polyethylene foam, crack sealer, stone reinforcement anchor, and any and all embedded or attached components as shown on the plans.
14. Placing the subpavement deck drain, the cold spray-applied liquid membrane waterproofing on the bridge deck, and the wearing surface.
15. Furnishing and installing the roadway Asphaltic Expansion Joint System at the abutments, including the asphaltic joint material, steel packing plate, binder, backer rod, locating pin, preformed polyethylene foam, and any and all embedded or attached components.

The Contractor shall install Ultra-High Performance Concrete (UHPC) for the deck closure pours as stated above. This work shall be in accordance with the specification "Code 808.9910 ULTRA-HIGH PERFORMANCE CONCRETE (UHPC)" except that no separate payment will be made for this item. The costs for all work specified in Code 808.9910 shall be included for payment under Item CODE 800.9910 "PAWTUCKET AVENUE BRIDGE NO. 471 – SUPERSTRUCTURE".

All of the above work shall be complete in place and accepted in accordance with the Contract Documents except that the Method of Measurement and Basis of Payment will be in accordance with Item CODE 800.9910 "PAWTUCKET AVENUE BRIDGE NO. 471 – SUPERSTRUCTURE".

MATERIALS:

The materials used shall be in accordance with the applicable sections of the RI Standard Specifications, Special Provisions, and plans for each respective item included in the construction of the superstructure.

Fabricator Qualification.

The fabrication and pre-assembly of the SMUs shall be the sole responsibility of the Contractor.

1. If the Contractor elects to fabricate and pre-assemble the SMUs, the Contractor shall provide the fabrication and pre-assembly shop/site for doing this work. The Contractor shall submit the location of the shop/site for review and approval to the Department prior to the commencement of work.
2. If the Contractor elects to subcontract the SMUs fabrication and pre-assembly to a precast concrete plant, it shall be to a precast concrete plant listed on the latest RIDOT Approved Plant List "Approved Asphalt, Ready Mix Concrete, and Precast Concrete Plants". Precast concrete plants that are not on the list must be approved by RIDOT's material section prior to submission of shop drawings for the SMUs.

Compensation for out of state inspection service shall be in accordance with RI Standard Specifications Section 809.

The following submittals are required in addition to those required by relevant RI Standard Specifications. The Contractor shall conform to all submittal requirements of the Contract

- g. Following installation, the Contractor shall submit electronic as-built plans and wall elevations for each of the Temporary Earth Retaining Systems.
2. Submittals: The following submittals shall apply to the Temporary Earth Retaining Systems and shall be made by the Contractor for review by the Engineer prior to start of Temporary Earth Retaining System installation. The Contractor shall conform to all submittal requirements of the Contract (Special Provision 105.02), including submitting the information specified herein to the Engineer.

The following criteria shall be used to design the Temporary Earth Retaining Systems:

- a. The Contractor shall include in the design of these temporary works all loads that shall be applied to the system including construction surcharge.
- b. The Contractor shall design the Temporary Earth Retaining Systems to limit horizontal deflections after installation to 1.0 inch
3. The Contractor is responsible for the removal of obstructions along the Temporary Earth Retaining System alignment to a depth of 15 feet below the existing grade. If an obstruction is encountered at a depth greater than 15 feet, the Contractor shall notify the Engineer immediately and propose a means of clearing the obstruction that will be subject to the approval of the Engineer.
- 3.a It is anticipated that shallow bedrock may be encountered in the zone of the temporary earth retaining system and embedment of the excavation system may be limited. For this condition Soldier piles and lagging system shall be pre-drilled a minimum of 2 feet deep into the bedrock for support of H-piles.
4. The Contractor shall seal the inside face of the temporary earth retaining systems as necessary to provide a watertight wall. The Contractor shall limit water leaking through the walls and tremie seal if applicable so as not to damage the permanent work. If leaking water is determined by either the Contractor or the Engineer to have damaged the permanent work, the Contractor is required to make repairs to the permanent work at the Contractor's own expense and to the satisfaction of the Engineer.
5. Adjacent Structures: The Contractor shall be solely responsible for conducting the work in a manner that protects existing and new structures or utilities from damage associated with the work. Any damage shall be promptly repaired or replaced by the Contractor to the satisfaction of the Owner of the damaged facility at no additional cost to the State. Adjacent above- and below-grade site improvements may be sensitive to ground movement and settlement.
6. Movement Control: The Contractor shall monitor the horizontal movements of the Temporary Earth Retaining Systems. The Contractor shall install lateral monitoring points at the top of the earth retaining systems every fifteen feet along the face of the retaining system. The Contractor shall monitor the points by survey for lateral movement and submit the survey data at least once a week or more often as required by the Engineer, at no additional cost to the State.

The Limiting Value for horizontal movement of the wall in the direction towards the excavation is defined as 1.0 inch at the top of the Temporary Earth Retaining System at any

time after installation.

If the Limiting Value is approached or exceeded, the Contractor shall immediately notify the Engineer, and shall implement the Contractor's approved Movement Mitigation Plan to take immediate steps to control any further movement by revising his procedures, by providing