

August 31, 2012

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION
DEPARTMENT OF TRANSPORTATION
RHODE ISLAND CONTRACT NO.2012-CB-060
FEDERAL-AID PROJECT NO. FAP Nos: BHO-0618(001)

Bridge Preservation-Contract 1

I-95: South County Freeway Bridge No. 686 to Pawtuxet River Bridge No. 680

CITY/TOWN OF Warwick, Cranston

COUNTY OF KENT, PROVIDENCE

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 2 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. Clarification

1. Pre-Bid Conference

A copy of the Pre-Bid conference Sign-in Sheet has been attached to this Addendum No.2.

2. Items 201.0407 & 839.0200

Item 201.0407 "REMOVE AND DISPOSE PAVEMENT AND RIGID BASE" is applicable to pavement removal on the approach side of bridge joints only. Item 839.0200 "FULL DEPTH REMOVAL AND DISPOSAL OF BITUMINOUS PAVEMENT FROM CONCRETE BRIDGE DECKS" is applicable to pavement removal on the bridge deck.

3. Item 823.1750

Item 823.1750 "ASPHALTIC EXPANSION JOINT SYSTEM" is intended for joint replacement at the abutments of Bridge No. 684 only. This work shall be in accordance with Section 823 of the RIDOT Standard Specifications for Road and Bridge Construction. All other joint replacements are included for payment under Item 823.9901 "ASPHALTIC EXPANSION JOINT SYSTEM".

4. Item 829.9910

829.9910 "BRIDGE SCUPPER & DOWNSPOUT REPAIRS" shall be paid for at the actual amount expended by force account.

5. Item 932.0210

Item 932.0210 "FULL DEPTH SAWCUT OF BITUMINOUS PAVEMENT AND RIGID BASE" is intended for pavement saw cutting on the approach side of bridge joints only. Payment for saw cutting pavement above the bridge deck is included under Item 839.0200 "FULL DEPTH REMOVAL AND DISPOSAL OF BITUMINOUS PAVEMENT FROM BRIDGE DECKS".

6. Beam Pedestal Repair Bridge No. 683

The proposed repair to the beam pedestal for Bridge No. 683 is being performed under Item 817.9902 "REPAIRS TO STRUCTURAL CONCRETE MASONRY (FORM AND CAST IN PLACE)" which includes the removal & disposal of the existing concrete.

B. Specification Change/Addition

1. Page JS-40

Remove page JS-40 in its entirety and replace it with revised page JS-40 (R-1) attached to this Addendum No. 2. A statement has been added regarding wash water entering the Pawtuxet River at Bridge No. 680.

C. Drawings/Plans - Change/Addition

1. Sheet No. 8 – Bridge General Notes Sheet 2

Add Note 12a to Structural Steel Notes as shown in Sketch No. 1 attached to this Addendum No. 2.

D. Distribution of Quantities

1. Index Pages 1 & 2

Remove Index Pages 1 & 2 in their entirety and replace them with revised Index Pages 1 (R-1) & 2 (R-1) attached to this Addendum No. 2. The Index has been revised.

2. Page 1

Remove Page 1 in its entirety and replace it with revised Page 1 (R-1) attached to this Addendum No. 2. The distribution of quantities for Item Codes 201.0407 "REMOVE AND DISPOSE PAVEMENT AND RIGID BASE" and 202.0800 "GRAVEL BORROW" have been revised.

3. Page 2

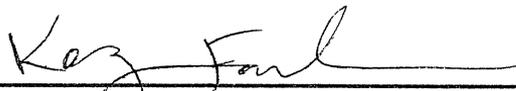
Remove Page 2 in its entirety and replace it with revised Page 2 (R-1) attached to this Addendum No. 2. The distribution of quantities for Item Code 203.0100 "STRUCTURAL EXCAVATION EARTH" has been revised.

4. Page 8

Remove Page 8 in its entirety and replace it with revised Page 8 (R-1) attached to this Addendum No. 2. The distribution of quantities for Item Codes 808.1675 "POLYURETHANE ELASTOMERIC JOINT SEALANT" and 810.0300 "EPOXY COATED BARS GRADE 60" have been revised.

5. Page 8a

Add Page 8a attached to this Addendum No. 2. A change to the distribution of quantities for Item Code 808.1675 "POLYURETHANE ELASTOMERIC JOINT SEALANT" has added an additional sheet.



RI Department of Transportation
Chief Engineer

pertinent information for future reference and inspection during the course of the cleaning operations.

The cleaning shall proceed in an orderly manner, subject to the limitations of the traffic control. No residue from the cleaning operation shall be left on the surfaces to be cleaned at the completion of the operation. Cleaning of concrete surfaces shall be accomplished by moving the wand in a smooth stroke to achieve uniform and thorough cleaning over the entire surface without pitting or marring.

Catch basins that receive runoff from high pressure water operations shall have positive protection installed to contain suspended sediment and debris.

All solid material removed from the bridge prior to or upon completion of the cleaning operation shall be collected and disposed of at approved waste sites in accordance with all applicable Federal, State, and local regulations. Under no circumstances will any wash water or debris from the cleaning operation be allowed to enter adjacent water bodies, however, for Bridge No. 680, the Contractor shall use caution to minimize wash water or debris from entering the Pawtuxet River.

The Contractor shall exercise due caution and take all necessary precautions to prevent property damage, damage to existing utilities, and to protect the general public from exposure to spray, debris, and any other potentially hazardous conditions. No work shall be allowed over live traffic. The Contractor shall be responsible for protecting passing pedestrians and vehicles from being in contact with the wash water and residue from the high pressure water cleaning operations through the use of shields, temporary drip edges or stop dams along the top and bottom surface of flanges or other suitable means. In cases where the plans and/or contract documents specify the use of temporary shielding or other similar measures to protect property and/or the general public, the Contractor shall install, at all designated locations, the required temporary protective measures as indicated and detailed on the plans. The installation of temporary protection shall be considered incidental to the cleaning operation.

METHOD OF MEASUREMENT: This item will not be measured for payment.

BASIS OF PAYMENT: Item CODE 825.9901 through 825.9913 will be paid for at the contract "Lump Sum" price as listed in the Proposal. The price so stated shall constitute full and complete compensation for all labor, materials, tools, equipment, and all other incidentals required to complete the high pressure water cleaning of the Bridge's as described above and elsewhere in the Contract Documents, complete in place and accepted by the Engineer.

Partial payments for this Lump Sum item will be made in accordance with Special Provision Code 12.109.07.

7. WELDING SHALL BE IN ACCORDANCE WITH THE LATEST STRUCTURAL WELDING CODE AASHTO/AWS D1.5 (INCLUDING ALL INTERIMS TO DATE) AND APPLICABLE SUPPLEMENTAL AWS PUBLICATIONS.
 8. ALL HIGH STRENGTH BOLTS SHALL CONFORM TO AASHTO DESIGNATION M 164, AND THEY SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 824 OF THE RI STANDARD SPECIFICATIONS.
 9. WASHERS MEETING AASHTO DESIGNATION M 293 ARE TO BE USED OVER ALL HOLES THAT ARE MORE THAN 1/16" IN DIAMETER GREATER THAN THE BOLT DIAMETER AND UNDER ALL PARTS TURNED DURING ASSEMBLY.
 10. WELDING ELECTRODES SHALL HAVE THE SAME CORROSION RESISTANCE AS THE BASE METAL AND SHALL BE FREE OF MOISTURE AT THE TIME OF USE.
 11. UNLESS OTHERWISE SPECIFIED, THE UPPER SURFACES OF GIRDER TOP FLANGES SHALL BE FREE OF PAINT, OIL OR OTHER IMPURITIES THAT WOULD IN ANY WAY REDUCE THE BOND OF CONCRETE TO STEEL.
 12. PRIOR TO FABRICATION, ALL MATERIALS SHALL BE BLAST-CLEANED TO AT LEAST SSPC-SP6 TO REMOVE ALL OIL, DIRT, GREASE, MILL SCALE AND OTHER DELETERIOUS MATERIALS FROM THE SURFACES OF THE STEEL TO BE FABRICATED.
- 12a. THE STEEL ERECTOR/CONTRACTOR FOR THIS PROJECT SHALL BE CERTIFIED FOR "CERTIFIED STEEL ERECTOR (CSE)" IN ACCORDANCE WITH THE AISC QUALITY CERTIFICATION PROGRAM. THE ERECTOR/CONTRACTOR OF THE STRUCTURAL STEEL SHALL BE REQUIRED TO SUBMIT PROOF OF CURRENT CERTIFICATION AS SPECIFIED.



COMMONWEALTH ENGINEERS & CONSULTANTS, INC. 400 SMITH STREET PROVIDENCE, RI 02908	TITLE OF SKETCH BRIDGE GENERAL NOTES SHEET 2	R.I. Contract No. 2012-CB-060	Sketch No. 1
AUGUST 31, 2012	ADDENDUM NUMBER 2	Revision to Sheet No. 8	

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803.0500	TEMPORARY DECK UNDERSIDE AND SIDE PROTECTIVE SHIELDING	4
803.9910	REMOVE AND DISPOSE PORTION OF EXISTING CONCRETE SUBSTRUCTURE	4
803.9920	REMOVE AND DISPOSE PORTION OF EXISTING CONCRETE SUPERSTRUCTURE	4
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808.0602	CONCRETE SUBSTRUCTURE CLASS HP 3/4'' BACKWALLS	5
808.1501	CONCRETE SUPERSTRUCTURE CLASS HP 3/4'' BRIDGE DECKS	6
808.1502	CONCRETE SUPERSTRUCTURE CLASS HP 3/4'' BRIDGE SIDEWALKS	6
808.1640	PREFORMED POLYETHYLENE FOAM JOINT FILLER 1/2''	6
808.1642	PREFORMED POLYETHYLENE FOAM JOINT FILLER 1''	6
808.1644	PREFORMED POLYETHYLENE FOAM JOINT FILLER 1-1/2''	7
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808.1670	POLYURETHANE JOINT SEALANT	7
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810.0300	EPOXY COATED BARS GRADE 60	8
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813.9910	PREFABRICATED WATERPROOFING SHEET MEMBRANE	9
817.2110	** ITEM DELETED **	10
817.2210	POLYMER MODIFIED MORTAR	10
817.9910	POLYMER MODIFIED CONCRETE FOR SIDEWALK, BARRIERS & DECK	11
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825.9905	HIGH PRESSURE WATER CLEANING - BRIDGE NO. 639	16
825.9906	HIGH PRESSURE WATER CLEANING - BRIDGE NO. 680	16
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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
001	201.0403	REMOVE AND DISPOSE SIDEWALKS	SY			
		BR. NO. 685				
		BR. NO. 685		25.00	0014	01
Item 201.0403 Total:				25.00		
002	201.0407	REMOVE AND DISPOSE PAVEMENT AND RIGID BASE	SY			
		BR. NO. 618				
		BR. NO. 618		35.00	0014	01
		BR. NO. 639				
		BR. NO. 639		10.00	0014	01
		BR. NO. 681				
		BR. NO. 681		22.00	0014	01
		BR. NO. 682				
		BR. NO. 682		80.00	0014	01
		BR. NO. 683				
		BR. NO. 683		10.00	0014	01
		BR. NO. 684				
		BR. NO. 684		40.00	0014	01
		BR. NO. 685				
		BR. NO. 685		30.00	0014	01
		BR. NO. 686				
		BR. NO. 686		36.00	0014	01
Item 201.0407 Total:				263.00		
003	202.0800	GRAVEL BORROW	CY			
		BR. NO. 618				
		BR. NO. 618		5.00	0014	01
		BR. NO. 682				
		BR. NO. 682		32.00	0014	01
		BR. NO. 685				
		BR. NO. 685		7.00	0014	01
Item 202.0800 Total:				44.00		

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
004	203.0100	STRUCTURAL EXCAVATION EARTH	CY			
		BR. NO. 618				
		BR. NO. 618		21.00	0014	01
		BR. NO. 682				
		BR. NO. 682		66.00	0014	01
		BR. NO. 685				
		BR. NO. 685		16.00	0014	01
		BR. NO. 686				
		BR. NO. 686		2.00	0014	01
Item 203.0100 Total:				105.00		
005	203.0700	PERVIOUS FILL	CY			
		BR. NO. 618				
		BR. NO. 618		7.00	0014	01
		BR. NO. 682				
		BR. NO. 682		40.00	0014	01
		BR. NO. 685				
		BR. NO. 685		2.00	0014	01
		BR. NO. 686				
		BR. NO. 686		2.00	0014	01
Item 203.0700 Total:				51.00		
006	401.9901	CLASS 9.5 HOT MIX ASPHALT	TON			
		BR. NO. 618				
		BR. NO. 618		13.00	0014	01
		BR. NO. 619				
		BR. NO. 619		14.00	0014	01
		BR. NO. 632				
		BR. NO. 632		9.00	0014	01
		BR. NO. 633				
		BR. NO. 633		5.00	0014	01
		BR. NO. 639				
		BR. NO. 639		5.00	0014	01

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Table with columns: Item No., Item Code, Description, UM, Qty., Pay Code, Seq. No.
Row 1: 020, 808.1675 Cont., BR. NO. 632, UM, Qty., Pay Code, Seq. No.
...
Row 20: 021, 810.0300, EPOXY COATED BARS GRADE 60, LBS, Qty., Pay Code, Seq. No.
...
Row 25: 021, 810.0300, EPOXY COATED BARS GRADE 60, LBS, Qty., Pay Code, Seq. No.
Summary rows: Item 808.1675 Total: 5,920.00; Item 810.0300 Total: 19,950.00

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
022	811.0200	SUB PAVEMENT DRAINS	EACH			

BR. NO. 618