

January 2, 2015

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION
DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES BID NO. 7549148

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2014-CH-071

FEDERAL-AID PROJECT NO. FAP Nos: 3RD-PRTY(225), STP-RESF(284), STP-SRTS-004, STP-TAPS(003)

Broadway Streetscape Improvement Project

Farewell Street to Bliss Road

CITY/TOWN OF Newport

COUNTY OF NEWPORT

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 3 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. Clarifications

1. Roadway and Utility Legend BCD-M callout

The Job Specific Plan Symbols, Legends & Notes plan shows BCD-M, Bituminous Concrete Driveway Modified. This shall consist of 3" Modified Class 12.5 Pavement over 8" Gravel Borrow Subbase Course.

2. Newport Public Works Yard Address

The correct address of the Newport Public Works Yard (City Yard) is 80 Halsey Street, Newport. The contact person for this facility is Lee Rice and can be reached at 401-845-5621.

B. Specifications - Job Specific

1. Page JS-39(R-1)

Remove and replace page JS-39(R-1) in its entirety and replace with revised page JS-39(R-2) attached to this Addendum No. 3. The specification for the manhole has been revised.

2. Page JS-52A

Remove and replace page JS-52A in its entirety and replace with revised page JS-52A(R-1) attached to this Addendum No. 3. The Description section of this item has been revised.

3. Page JS-52C

Remove and replace page JS-52C in its entirety and replace with revised page JS-52C(R-1) attached to this Addendum No. 3. The Construction Method section of this item has been revised.

4. Page JS-52E

Remove and replace page JS-52E in its entirety and replace with revised page JS-52E(R-1) attached to this Addendum No. 3. The Basis of Payment section of this item has been revised.

C. Distribution of Quantities

1. Index Pages 1(R-1) thru 5(R-1)

Remove and replace index pages 1(R-1) thru 5(R-1) in their entirety with revised index pages 1(R-2) thru 5(R-2) attached to this Addendum No. 3. Changed items are indicated in bold.

2. Page 7

Remove and replace page 7 in its entirety with revised page 7(R-1) attached to this Addendum No. 3. The quantity for Item Code 201.9916 has been revised.

3. Page 7a

Insert page 7a attached to this Addendum No. 3. Item Code 201.9917 has extended onto this page as a result of modifications to Item Code 201.9916.

4. Page 9

Remove and replace page 9 in its entirety with revised page 9(R-1) attached to this Addendum No. 3. The quantity for Item Code 202.0100 has been revised.

5. Page 10

Remove and replace page 10 in its entirety with revised page 10(R-1) attached to this Addendum No. 3. The quantity for Item Code 202.0100 has been revised.

6. Page 11

Remove and replace page 11 in its entirety with revised page 11(R-1) attached to this Addendum No. 3. The quantity for Item Codes 302.0100 and 304.0100 have been revised.

7. Page 12

Remove and replace page 12 in its entirety with revised page 12(R-1) attached to this Addendum No. 3. The quantity for Item Code 304.0100 and name for Item Code 401.9901 has been revised.

8. Page 13

Remove and replace page 13 in its entirety with revised page 13(R-1) attached to this Addendum No. 3. The name for Item Code 401.9902 has been revised.

9. Page 13a

Insert page 13a attached to this Addendum No. 3. Item Code 401.9902 has extended onto this page.

10. Page 83

Remove and replace page 83 in its entirety with revised page 83(R-1) attached in this Addendum No. 3. The Item Code 601.0200 has been added for curb lock.



RI Department of Transportation
Chief Engineer

CODE 702.9902

PRECAST MANHOLE 8' DIAMETER W/ 48" MANHOLE STACK – 4.2.2(M)

DESCRIPTION: All work shall be performed in accordance with Sections 702 of the Rhode Island Standard Specifications for Road and Bridge Construction, Amended August 2013, with all revisions and as specified in these Specifications. The work of this item consists of constructing an 8' diameter manhole on the existing cement concrete drainage trunk line. The 8' manhole section shall transition to a 4' riser stack as shown on the Plans.

MATERIALS: All materials shall conform to Section 702 of the Rhode Island Standard Specifications for Road and Bridge Construction, Amended August 2013, with all revisions and as specified in these Specifications.

The Contractor shall provide shop drawings of each structure showing dimensions and reinforcement suitable for HS-20 loading.

CONSTRUCTION METHOD: All work shall be performed in accordance with Section 702 of the Rhode Island Standard Specifications for Road and Bridge Construction, Amended August 2013, with all revisions and as specified in these Specifications.

The plain concrete base of the manhole shall be constructed in accordance with the applicable requirements of Subsection 808.03.2 Footings, a precast base is an acceptable option.

The contractor shall remove the pipe within the limits of the manhole and install a cement concrete invert. All pipes shall be sealed to the manhole on inside and outside surfaces with cement mortar.

METHOD OF MEASUREMENT: "Precast Manhole 8' Diameter w/ 48" Manhole Stack – 4.2.2(M)" will be measured by the number of structures actually installed in accordance with the Plans and/or as directed by the Engineer.

BASIS OF PAYMENT: The accepted quantities of "Precast Manhole 8' Diameter w/ 48" Manhole Stack - 4.2.2(M)" will be paid for in at the contract unit price per each structure as listed in the proposal in accordance with Section 702 of the RI Standard Specifications.

CODE 904.9901

BLUESTONE PAVERS FOR SIDEWALK

DESCRIPTION:

The work under this item consists of removal of the existing concrete base beneath the existing bluestone sidewalk paver and furnishing and installing new concrete base and new bluestone sidewalk pavers. The work shall include supplying, furnishing, handling and installing bluestone pavers for the surfaces of sidewalks and a wheelchair ramp at Sta. 10+31 LT. Bluestone pavers will be installed per the setting detail found in the landscape details indicated on the plans, these contract specifications and as directed by the Engineer. The approved bluestone supplier for the project must have qualified personnel, experienced in similar work with projects of this magnitude; have the appropriate equipment and resources that can produce bluestone of this size and quantity in a timely fashion; and be able to deliver the required amount of bluestone material to the project site in accordance with the established schedule commitments identified in the Contract Specific General Provisions. The removal and stockpiling of bluestone pavers from the existing sidewalk shall be performed under code 201.9916 Remove and Stockpile Bluestone Pavers. A detectable warning system shall be furnished and installed at the wheelchair ramp at Sta. 10+31 LT in accordance with Code 942.9901 Detectable Warning Systems Standard 48.1.0-Retrofit. The existing wheelchair ramp at Sta. 10+15 LT shall not be replaced.

SUBMITTALS:

The Contractor shall submit certifications to the Engineer providing 1) the name of the supplier that will furnish bluestone material to this project; 2) a list of skilled personnel from the supplier, including their qualifications; 3) a list of the supplier's equipment and other resources that are necessary to produce and furnish the quantity of bluestone material needed on this project; 4) the experience and performance record of the supplier on similar projects of this size over the last five years, 5) evidence of successfully achieving the bluestone production rates noted within this specification for similar projects of this size and 6) the ability to meet the project milestones identified in the Contract Specific General Provisions regarding bluestone procurement and schedule of deliveries to the project site.

A representative sample of the bluestone pavers, of not less than 0.25 square yards, shall be submitted to the Engineer and the Rhode Island Historical Preservation and Heritage Commission Architect (Architect) for review and approval prior to placing the complete order for the pavers. The sample to be submitted will exhibit a smooth, thermal finish and blue/grey color.

The Contractor shall also submit a layout(s) of the bluestone paver sidewalk pattern to the Engineer for review and approval prior to performing any installation. The Contractor's layout(s) shall be developed in accordance with the details shown on the plans and the requirements of these contract specifications. The layout(s) shall clearly indicate the size of each paver, the thickness of the pavers, the size and locations of all penetrations, the location of construction joints, the location of expansion joints, the location of control joints and the finished texture of the pavers.

MATERIALS:

Detectable warning system shall conform to Section 942, Detectable Warning Systems, of the Rhode Island Standard Specifications for Road and Bridge Construction, Amended August 2013. This item, although related to the work of this section, is paid for separately under bid item 942.0100 and is part of the work covered under Section 942 of the Standard Specifications. The type and color is specified in the Job Specific Special Provision for Item Code 942.0100.

CONSTRUCTION METHODS:

The work of these items must be performed in a careful, professional manner suitable for the historic character of the area. The subject work is to be accomplished by skilled craftsmen with demonstrated experience in the installation of comparable historic and/or specialty pavements in accordance with the details shown on the plans, these contract specifications and as directed by the Engineer. Removal of existing sidewalk in front of business/commercial establishments shall not be permitted until the required amount of bluestone for a given block has been delivered to the project site and is available for installation by the Contractor.

The sidewalk area and existing bluestone layout/joint pattern shall be inspected to determine the appropriate limits of removal to accomplish the work. The limits shall be discussed with and approved by the Engineer prior to beginning this work. The Contractor shall carefully extract the existing bluestone pavers in the designated limits and stockpile for reuse. The existing base shall be sawcut and excavated. The bluestone curb removed and reset is paid for separately under bid Item 906.0700

After the existing materials have been removed, gravel shall be placed for adjustment of the curb and sidewalk grades to match those of the adjacent curbing and sidewalk grade. The bluestone curb shall then be reset with proper reveal. The bluestone paver structure can then be installed per the landscape details.

Installation sequence for the new bluestone sidewalks and wheelchair ramps shall be as follows: Excavate and remove existing sidewalk materials to proposed subgrade elevation as shown on the plans. Compact subgrade in accordance with applicable specifications and construct 4 inch gravel base, also compacted in accordance with relevant specifications. Install a 4 inch thick, reinforced concrete slab (with 6x6-W4xW4 welded wire fabric embedded 2" below concrete surface) as detailed on the plans. Provide vertical 2" PVC weep holes located 6" from edge of concrete slab and located 3'-0" on center, in every direction, depending on the width of the sidewalk. Each weep hole shall be filled with sand before the mortar bedding is poured. Provide ½" expansion joints, as shown on the plans, in the concrete slab and bluestone pavers every 37'-3"± feet with preformed expansion joint filler conforming to AASHTO-M153. Provide construction joints every 12'-5"± feet in the concrete slab. Provide control joint at approximate midpoint of sidewalk width, at nearest paver joint. Preformed expansion joint filler shall be placed through the concrete slab, mortar bed and between bluestone paver joints. Construction and control joints for the concrete slab shall be located under mortar joints in the bluestone pavers following the joint pattern as detailed on the project plans and as shown on the approved bluestone layout submitted by the Contractor.

Pavers are to be set with 1/2" joints with a 1/16" tolerance. Pavers shall be placed in a running bond pattern such that the joints are either perpendicular or parallel to the curb line using the details shown on the plans. A preformed expansion joint filler conforming to AASHTO-M153 shall be placed between the bluestone pavers/concrete slab and any existing structures at the back of the sidewalk Place the 1" mortar bedding over concrete slab immediately before setting the pavers such that the entire paver is

weather. The work is to be protected from any weather conditions that may damage it, including rain. The completed work is to be left in a clean, workmanlike condition, acceptable to the Engineer.

METHOD OF MEASUREMENT:

“Bluestone Pavers for Sidewalk” including one wheelchair ramp will be measured on a per SQUARE YARD basis for installation of bluestone pavers for sidewalks and wheelchair ramps, complete in-place, and accepted by the Engineer.

BASIS OF PAYMENT:

“Bluestone Pavers for Sidewalk” including one wheelchair ramp will be paid for at the contract unit price per SQUARE YARD for complete installation of the bluestone sidewalk and bluestone wheelchair ramp. The price per square yard shall include supplying, furnishing, handling and installing bluestone pavers, any necessary stone cutting, cleaning and sweeping pavers, preformed expansion joint filler, mortar joints, mortar setting bed, reinforced concrete slab, sand filled weep holes, removal of the existing concrete base, and for all materials, labor, tools, and incidentals necessary to install the bluestone sidewalk and wheelchair ramps to the satisfaction of the Engineer. New gravel borrow subbase shall be paid for under its respective pay item. Any root pruning, if required, will be considered subsidiary.

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201.0403	REMOVE AND DISPOSE SIDEWALKS	1
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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
018	201.9914	REMOVE & STOCKPILE BRICK PAVERS -	SF			
		SBP				
		BROADWAY				
		11+06 RT		18.00	0006	02
		11+72 LT		18.00	0006	02
		12+92 LT		18.00	0006	02
		13+12 LT		18.00	0006	02
		19+24 TO 20+26, RT		72.00	0006	02
		22+08 TO 26+95, LT		126.00	0006	02
		ROUNDING				
		PROJECT WIDE		30.00	0006	02
Item 201.9914 Total:				300.00		
019	201.9915	REMOVE & STOCKPILE GRANITE CORNER	EACH			
		- SRC				
		BROADWAY				
		16+96 RT		1.00	0006	02
		18+66 LT		1.00	0006	02
		18+89 LT		1.00	0006	02
Item 201.9915 Total:				3.00		
020	201.9916	REMOVE & STOCKPILE BLUESTONE	SF			
		PAVERS - SBSP				
		BROADWAY				
		10+04 TO 10+34, LT		32.40	0006	05
		10+30 TO 10+65, LT		193.40	0006	05
		ROUNDING				
		PROJECT WIDE		9.20	0006	05
Item 201.9916 Total:				235.00		
021	201.9917	REMOVE & STOCKPILE BLUESTONE SLAB	EACH			
		- SBSS				
		BROADWAY				

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<u>Item No.</u>	<u>Item Code</u>	<u>Description</u>	<u>UM</u>	<u>Qty.</u>	<u>Pay Code</u>	<u>Seq. No.</u>
021	201.9917	Cont.	10+66 RT	1.00	0006	02

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
026	201.9922 Cont.	BROADWAY				
		16+75, RT		1.00	0006	02
		28+50, LT		1.00	0006	02
		30+50, RT		1.00	0006	02
Item 201.9922 Total:				3.00		
027	202.0100	EARTH EXCAVATION	CY			
		BITUMINOUS PAVEMENT DRIVEWAYS				
		PROJECT WIDE		40.00	0006	02
		BLUESTONE SLAB				
		PROJECT WIDE		6.00	0006	02
		CEMENT CONCRETE DRIVEWAYS				
		PROJECT WIDE		80.00	0006	02
		CEMENT CONCRETE SIDEWALKS				
		ASSUME 20% UNSUITABLE			0006	02
		CEMENT CONCRETE WHEELCHAIR RAMPS				
		ASSUME 20% UNSUITABLE			0006	02
		COBBLESTONE PAVING				
		PROJECT WIDE		6.00	0006	02
		FULL DEPTH CONSTRUCTION				
		ASSUME 5% UNSUITABLE			0006	02
		PAVING TYPE 'A'				
		PERVIOUS PAVING (PTA)		2,289.00	0006	02
		PAVING TYPE 'B'				
		SIDWALK PAVERS (PTB)		61.00	0006	02
		PAVING TYPE 'B' CROSSWALKS				
		CROSSWALK PAVERS (CWF)(CWR)		68.00	0006	02
		PAVING TYPE 'C'				
		ACCENT BANDS (PTC)		90.00	0006	02
		RIVERSTONE ACCENT PAVING				
		SIDEWALK ACCENT PAVING (RAC)		16.00	0006	02
		ROUNDING				
		ROUNDING		31.00	0006	02

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<u>Item No.</u>	<u>Item Code</u>	<u>Description</u>	<u>UM</u>	<u>Qty.</u>	<u>Pay Code</u>	<u>Seq. No.</u>
027	202.0100	Cont.				
		Item 202.0100 Total:		2,687.00		
028	204.0100	TRIMMING AND FINE GRADING	SY			
		PROJECT WIDE				
		BITUMINOUS PAVEMENT DRIVEWAY		158.50	0006	02
		BLUESTONE SLAB - (BS)		26.60	0006	02
		CEMENT CONCRETE DRIVEWAY		341.60	0006	02
		CEMENT CONCRETE SIDEWALK		4,303.60	0006	02
		CEMENT CONCRETE WHEELCHAIR		577.60	0006	02
		RAMPS				
		COBBLESTONE PAVING - (RCBB)		24.00	0006	02
		FULL DEPTH CONSTRUCTION		9,660.00	0006	02
		PAVING TYPE 'A' - PERVIOUS		2,288.40	0006	02
		PAVING (PTA)				
		PAVING TYPE 'B' - CROSSWALK		304.10	0006	02
		(CWF) (CWR)				
		PAVING TYPE 'B' - SIDEWALK		272.80	0006	02
		(PTB)				
		PAVING TYPE 'C' - ACCENT		401.00	0006	02
		BANDS (PTC)				
		RIVERSTONE ACCENT PAVING -		71.10	0006	02
		(RAC)				
		ROUNDING		20.70	0006	02
		Item 204.0100 Total:		18,450.00		
029	212.2000	CLEANING AND MAINTENANCE OF	LS			
		EROSION CONTROLS				
		BROADWAY				
		PROJECTWIDE		1.00	0006	02
		Item 212.2000 Total:		1.00		
030	302.0100	GRAVEL BORROW SUBBASE COURSE	CY			
		BITUMINOUS PAVEMENT DRIVEWAY				

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<u>Item No.</u>	<u>Item Code</u>	<u>Description</u>	<u>UM</u>	<u>Qty.</u>	<u>Pay Code</u>	<u>Seq. No.</u>
030	302.0100	Cont.				
		PROJECT WIDE		40.00	0006	02
		BLUESTONE SLAB				
		(BS)		6.00	0006	02
		CEMENT CONCRETE DRIVEWAYS				
		PROJECT WIDE		80.00	0006	02
		CEMENT CONCRETE SIDEWALKS				
		ASSUME 20% UNSUITABLE			0006	02
		CEMENT CONCRETE WHEELCHAIR RAMPS				
		ASSUME 20% UNSUITABLE			0006	02
		COBBLESTONE PAVING				
		RCBB		6.00	0006	02
		FULL DEPTH CONSTRUCTION				
		ASSUME 5% UNSUITABLE (FROM			0006	02
		ITEM 304.0100)				
		PAVING TYPE 'A'				
		PERVIOUS PAVING (PTA)		509.00	0006	02
		PAVING TYPE 'B'				
		CROSSWALK (CWF) (CWR)		68.00	0006	02
		SIDEWALK (PTB)		61.00	0006	02
		PAVING TYPE 'C'				
		ACCENT BANDS (PTC)		90.00	0006	02
		RIVERSTONE ACCENT PAVING				
		(RAC)		16.00	0006	02
		ROUNDING				
		PROJECT WIDE		41.00	0006	02
Item 302.0100 Total:				917.00		
031	304.0100	SELECT LEVELING AND FILLER	CY			
		AGGREGATE				
		FULL DEPTH PAVEMENT				
		ASSUME 5% UNSUITABLE (TO			0006	02
		ITEM 302.0100)				
		PROJECT WIDE		805.00	0006	02

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<u>Item No.</u>	<u>Item Code</u>	<u>Description</u>	<u>UM</u>	<u>Qty.</u>	<u>Pay Code</u>	<u>Seq. No.</u>
031	304.0100 Cont.	ROUNDING				
		PROJECT WIDE		5.00	0006	02
Item 304.0100 Total:				810.00		
032	401.9901	CLASS 19.0 WITH PAY ADJUSTMENTS	TON			
		FULL DEPTH PAVEMENT				
		BROADWAY (SPRING ST) 14+55		76.70	0006	02
		TO 15+75, RT				
		BROADWAY 10+05 TO 10+69,		101.30	0006	02
		LT/RT				
		BROADWAY 10+79 TO 12+60,		147.50	0006	02
		LT/RT				
		BROADWAY 12+70 TO 14+69,		175.30	0006	02
		LT/RT				
		BROADWAY 14+78 TO 16+16, RT		123.70	0006	02
		BROADWAY 16+30 TO 18+95,		272.00	0006	02
		LT/RT				
		BROADWAY 19+05 TO 21+44,		323.50	0006	02
		LT/RT				
		BROADWAY 21+53 TO 24+69,		400.70	0006	02
		LT/RT				
		BROADWAY 24+79 TO 28+11,		458.60	0006	02
		LT/RT				
		BROADWAY 28+21 TO 30+72,		460.80	0006	02
		LT/RT				
		BROADWAY 30+82 TO 31+32,		85.50	0006	02
		LT/RT				
		MARLBOROUGH STREET 1+15 TO		100.20	0006	02
		1+93, LT/RT				
		ROUNDING				
		PROJECTWIDE		4.20	0006	02
Item 401.9901 Total:				2,730.00		

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<u>Item No.</u>	<u>Item Code</u>	<u>Description</u>	<u>UM</u>	<u>Qty.</u>	<u>Pay Code</u>	<u>Seq. No.</u>
033	401.9902	MODIFIED CLASS 12.5 WITH PAY	TON			
		ADJUSTMENTS				
		BITUMINOUS PAVEMENT DRIVEWAY				
		BROADWAY 18+65 TO 18+87, LT		2.10	0006	02
		BROADWAY 20+94 TO 21+57, RT		2.40	0006	02
		BROADWAY 22+33 TO 22+66, RT		1.20	0006	02
		BROADWAY 22+92 TO 23+29, RT		1.40	0006	02
		BROADWAY 23+08 TO 23+33, LT		1.30	0006	02
		BROADWAY 24+88 TO 26+52, RT		18.50	0006	02
		FULL DEPTH PAVEMENT				
		BROADWAY (SPRING ST) 14+55 TO 15+75, RT		30.70	0006	02
		BROADWAY 10+05 TO 10+69, LT/RT		40.50	0006	02
		BROADWAY 10+79 TO 12+60, LT/RT		59.00	0006	02
		BROADWAY 12+70 TO 14+69, LT/RT		70.10	0006	02
		BROADWAY 14+78 TO 16+16, RT		49.50	0006	02
		BROADWAY 16+30 TO 18+95, LT/RT		108.80	0006	02
		BROADWAY 19+05 TO 21+44, LT/RT		129.40	0006	02
		BROADWAY 21+53 TO 24+69, LT/RT		160.30	0006	02
		BROADWAY 24+79 TO 28+11, LT/RT		183.50	0006	02
		BROADWAY 28+21 TO 30+72, LT/RT		184.30	0006	02
		BROADWAY 30+82 TO 31+32, LT/RT		34.20	0006	02
		MARLBOROUGH STREET 1+15 TO 1+93, LT/RT		40.10	0006	02

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<u>Item No.</u>	<u>Item Code</u>	<u>Description</u>	<u>UM</u>	<u>Qty.</u>	<u>Pay Code</u>	<u>Seq. No.</u>
033	401.9902	Cont. MICRO-MILLING & OVERLAY				

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
216	T08.9906 Cont.	10+69, LT		1.00	0021	09
		11+15, RT		1.00	0021	09
		11+91, LT		1.00	0021	09
		12+25, RT		1.00	0021	09
		12+81, LT		1.00	0021	09
		13+23, RT		1.00	0021	09
		13+63, LT		1.00	0021	09
		14+14, RT		1.00	0021	09
		15+16, RT		1.00	0021	09
		CONTINGENCY				
		PROJECT WIDE		2.00	0021	09
Item T08.9906 Total:				11.00		
217	601.0200	CLASS XX PORTLAND CEMENT CONCRETE	CY			
		BROADWAY				
		FROM ITEM CODE 702.0541		0.20	0006	05
		FROM ITEM CODE 702.0543		0.31	0006	05
		FROM ITEM CODE 906.0110		232.30	0006	05
		FROM ITEM CODE 906.0111		34.50	0006	05
Item 601.0200 Total:				267.31		