

August 31, 2017

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION
DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES BID NO. 7554627

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2015-CH-062

FEDERAL-AID PROJECT NO. FAP Nos: STPG-RESF(352), STP-RESF(351)

Woodville Road Improvements

Main Street (Route 3) in Hopkinton to Switch Road in Richmond.

CITY/TOWN OF Hopkinton, Richmond

COUNTY OF WASHINGTON

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. Other Item Changes

1. 208.9901 - CULVERT FLOW BYPASS
Quest Item Added. Quantity Updated To "1.00".
2. 401.4002 - CLASS 4.75 HMA FOR LEVELLING
Quantity Updated To "245.00".
3. 928.9901 - TRUCK MOUNTED ATTENUATOR WITH TRUCK MOUNTED FLASHING
ARROW BOARD
Lowest Acceptable Bid Price of "\$75.00" Added.
4. 937.0200 - MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION
Lowest Acceptable Bid Price of "\$50,000.00" Added.
5. 943.0200 - TRAINEE MAN-HOURS
Lowest Acceptable Bid Price of "\$6.00" Added.

B. Specifications - Job Specific

1. Index Page

Remove page JS-i (R-1) in its entirety and replace with page JS-i (R-2) attached to this Addendum No.2. Item 208.9901 - Culvert Flow Bypass was added.

2. Item 208.9901

Insert page JS-11a attached to this Addendum No. 2. Item 208.9901 - Culvert Flow Bypass has been added.

C. Distribution of Quantities

1. Table of Contents

Remove pages Index: 1 and Index: 2 in their entirety and replace with pages Index: 1 (R-1) and Index: 2 (R-1) attached to this Addendum No. 2.

2. Item 401.4002

Remove page 14 in its entirety and replace with page 14 (R-1) attached to this Addendum No. 2. The quantity for Item 401.4002 has been revised.

3. Item 208.9901

Remove page 47 in its entirety and replace with page 47 (R-1) attached to this Addendum No. 2. Item 208.9901 has been added.



RI Department of Transportation

Administrator, Division of Project Management

**SPECIFICATIONS – JOB SPECIFIC
INDEX**

<u>Code</u>	<u>Title</u>	<u>Page</u>
108.03	Prosecution and Progress	JS-0a
108.1000	Prosecution and Progress	JS-1
109.06	Payment for Work	JS-2
201.9901	Remove, Stockpile and Reset Cobblestone Edging	JS-11
208.9901	Culvert Flow Bypass	JS-11a
212.1000	Cleaning and Maintenance of Erosion Controls	JS-12
213.9901	Placement of Millings Beneath Guardrail	JS-13
401.9901	Pay Adjustments	JS-14
413	Rideability – Surface Course	JS-15
906	Safety Edge	JS-18
928	Truck Mounted Attenuator (TMA) With Truck Mounted Flashing Arrow Board (TMFAB)	JS-20
937.1000	Maintenance and Movement of Traffic Protection	JS-24
938.1000	Price Adjustments	JS-25
943.0200	On-the-Job Training	JS-26
L02.1000	Seeding	JS-30
L15.9901	Remove and Reset Landscape Timbers	JS-31

208.9901 – CULVERT FLOW BYPASS

DESCRIPTION: This work consists of the temporary rerouting of flowing water at all culvert replacement locations, as indicated on the Plans, in accordance with the Rhode Island Standard Specifications for Road and Bridge Construction, including all revisions, and/or as directed by the Engineer, in accordance with these Specifications. Temporary rerouting shall be done with the use of sandbags and/or flow diversion pumps.

MATERIALS: The materials for sandbags in this item shall conform to **SECTION 207 CHECK DAMS** of the Rhode Island Department of Transportation Standard Specifications for Road and Bridge Construction, 2013 Edition.

Bypass pumps and associated pipes/hoses shall meet the minimum flow requirements as indicated on the plans. These flow requirements were calculated based on the particular culvert flowing half-full.

CONSTRUCTION METHODS: For single culvert replacement work, the Contractor shall install a sand bag check dam/dike to stop flow before it enters the work area. A submersible pump with a flow capacity as indicated on the plans shall be used to divert the water across the roadway (using suitable pipes or hoses) to a discharge point near the existing end of the culvert. This discharge shall be placed as close to the existing culvert outlet as possible, while still allowing the Contractor to perform his work. The Contractor shall coordinate his culvert replacement schedule with the latest weather forecast to avoid any bypass pumping or culvert repair work during or immediately after a heavy rain event.

For twin culvert replacement work, the Contractor shall install a sand bag dike to divert the flow into the other culvert pipe, using that pipe as the diversionary method. Once repair to the first culvert pipe is complete, the sandbags will be relocated to mirror the first setup to use the newly repaired pipe as the diversionary method.

METHOD OF MEASUREMENT: "Culvert Flow Bypass" will be measured on a Lump Sum basis.

BASIS OF PAYMENT: The accepted quantity of "Culvert Flow Bypass" will be paid for at the contract unit price per lump sum as listed in the Proposal. The price so-stated constitutes full and complete compensation for all labor, equipment, and tools, including sandbags, pumps, pump power supplies, pipes and hoses, removal of all diversionary equipment, restoration of the work area to pre-existing conditions (or better) and all other incidentals required to finish the work, complete and accepted by the Engineer.

Table of Contents - Distribution of Quantities

Project Name - Woodville Road Improvements
 Estimate Name - Addendum 2 to 0165V - Woodville Road Estimate
 R.I. Contract No. - 2015-CH-062
 FAP Nos: STPG-RESF(352), STP-RESF(351)

ItemCode	Description	Page
201.0321	CLEARING AND GRUBBING	1
201.0402	REMOVE AND DISPOSE CONCRETE CURB	1
201.0403	REMOVE AND DISPOSE SIDEWALKS	1
201.0409	REMOVE AND DISPOSE FLEXIBLE PAVEMENT	1
201.0410	REMOVE AND DISPOSE CATCH BASINS	1
201.0414	REMOVE AND DISPOSE PIPE - ALL SIZES	2
201.0415	REMOVE AND DISPOSE GUARDRAIL AND POST ALL TYPES	2
201.0421	REMOVE AND DISPOSE BITUMINOUS CURB	2
201.0428	REMOVE AND DISPOSE FRAME AND GRATE OR FRAME AND COVER	3
201.0432	REMOVE AND DISPOSE HEADWALL	3
201.0610	REMOVE AND DISPOSE DIRECTIONAL, WARNING, REGULATORY, SERVICE, AND STREET SIGNS	3
201.9901	REMOVE, STOCKPILE AND RESET COBBLESTONE EDGING	5
202.0100	EARTH EXCAVATION	5
202.0201	ROCK EXCAVATION MECHANICAL	5
202.0700	COMMON BORROW	6
202.0800	GRAVEL BORROW	6
204.0100	TRIMMING AND FINE GRADING	6
206.0312	COMPOST FILTER SOCK 12 INCH DIAMETER	6
212.2000	CLEANING AND MAINTENANCE OF EROSION CONTROLS	9
213.9901	PLACEMENT OF MILLINGS BENEATH GUARDRAIL	9
302.0100	GRAVEL BORROW SUBBASE COURSE	9
401.1010	CLASS 19.0 HMA WITH PAY ADJUSTMENTS	10
401.2003	CLASS 12.5 HMA FOR PATCHING	10
401.3005	CLASS 9.5 HMA FOR MISCELLANEOUS WORK	10
401.3110	MODIFIED CLASS 9.5 HMA WITH PAY ADJUSTMENTS	13
401.4002	CLASS 4.75 HMA FOR LEVELLING	14
401.9901	PAY ADJUSTMENTS	14
403.0300	ASPHALT EMULSION TACK COAT	14
406.0100	COLD RECYCLED BASE COURSE	14
601.0300	CLASS A PORTLAND CEMENT CONCRETE	14
701.5312	12 INCH DUCTILE IRON WATER PIPE CLASS 52, PUSH-ON JOINT	15
701.5318	18 INCH DUCTILE IRON WATER PIPE CLASS 52, PUSH-ON JOINT	15
701.5324	24 INCH DUCTILE IRON WATER PIPE CLASS 52, PUSH-ON JOINT	16
701.8003	PIPE BEDDING CLASS C	16
702.0510	HEAVY-DUTY SQUARE FRAME AND ROUND COVER STANDARD 6.1.1	16
702.0511	FRAME AND COVER STANDARD 6.1.0	16
702.0517	FRAME AND GRATE, STANDARD 6.3.2	16
702.0543	GRANITE APRON STONE 38'' STANDARD 7.3.8	17
702.0605	PRECAST CATCH BASIN 4' DIAMETER STANDARD 4.4.0	17
707.1200	ADJUST CATCH BASIN TO MANHOLE	17
707.2000	ADJUST FRAME AND GRATE TO GRADE	17
708.9040	CLEANING AND FLUSHING PIPE ALL SIZES	18
708.9041	CLEANING CATCH BASINS ALL TYPES AND SIZES	18
709.0200	CONCRETE HEADWALLS FOR PIPE CULVERTS STANDARD 2.1.0	18
709.0300	CONCRETE HEADWALLS FOR MULTIPLE PIPE CULVERTS STANDARD 2.2.0	19
901.0193	GUARDRAIL STEEL BEAM SINGLE FACE STANDARD 34.2.0	19
901.0199	GUARDRAIL END TREATMENT, ENERGY ABSORBING TERMINAL	20
905.0110	PORTLAND CEMENT SIDEWALK MONOLITHIC STANDARD 43.1.0	20
905.0140	BITUMINOUS SIDEWALK STANDARD 43.2.0	21
906.0110	GRANITE CURB, QUARRY SPLIT STRAIGHT, STANDARD 7.3.0	21
906.0111	GRANITE CURB, QUARRY SPLIT CIRCULAR, STANDARD 7.3.0	21

Table of Contents - Distribution of Quantities

Project Name - Woodville Road Improvements
 Estimate Name - Addendum 2 to 0165V - Woodville Road Estimate
 R.I. Contract No. - 2015-CH-062
 FAP Nos: STPG-RESF(352), STP-RESF(351)

ItemCode	Description	Page
906.0118	6' GRANITE TRANSITION CURB, QUARRY SPLIT SPECIAL TRANSITION STANDARD 7.3.2	21
906.0120	GRANITE WHEELCHAIR RAMP CURB STANDARDS 7.3.3, 43.3.0 AND 43.3.1	22
906.0131	GRANITE RAMP STONE CIRCULAR STANDARD 7.3.9	22
907.0100	WATER FOR DUST CONTROL	22
907.0200	CALCIUM CHLORIDE FOR DUST CONTROL (PROJECT WIDE)	22
912.0100	REMOVE, REBUILD DRY STONE WALLS RUBBLE STANDARD 10.2.0	23
914.5010	FLAGPERSONS	23
914.5020	FLAGPERSONS - OVERTIME	23
917.0105	REMOVE AND REPLACE RURAL MAILBOX POST WITH STANDARD 15.1.0	23
917.0106	REMOVE AND REPLACE MULTIPLE MAILBOX MOUNTING WITH STANDARD 15.2.0	25
918.0100	RURAL MAILBOXES	25
922.0100	TEMPORARY CONSTRUCTION SIGNS STANDARD 29.1.0 AND 27.1.1	27
923.0105	DRUM BARRICADE STANDARD 26.2.0	27
923.0200	FLUORESCENT TRAFFIC CONES STANDARD 26.1.0	28
925.0112	PORTABLE CHANGEABLE MESSAGE SIGN	28
928.9901	TRUCK MOUNTED ATTENUATOR WITH TRUCK MOUNTED FLASHING ARROW BOARD	28
929.0110	FIELD OFFICE	28
931.0110	CLEANING AND SWEEPING PAVEMENT	28
932.0100	CUTTING AND MATCHING ASPHALT	28
932.0200	FULL-DEPTH SAWCUT OF BITUMINOUS PAVEMENT	29
932.0220	FULL DEPTH SAWCUT OF BITUMINOUS SIDEWALK/DRIVEWAY	29
935.0400	REMOVING BITUMINOUS PAVEMENT BY MICRO MILLING	30
936.0100	MOBILIZATION AND DEMOBILIZATION	30
937.0200	MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION	30
942.0200	DETECTABLE WARNING PANEL STANDARD 48.1.0	30
943.0200	TRAINEE MAN-HOURS	30
L01.0104	PLANTABLE SOIL 4 INCHES DEEP	31
L02.0101	GENERAL HIGHWAY SEEDING (TYPE 1)	37
L05.0506	JUTE MESH	37
L11.0102	TREE PLANT PROTECTION DEVICE STANDARD 51.1.0	37
L15.9901	REMOVE AND RESET LANDSCAPE TIMBERS	38
T15.0100	DIRECTIONAL REGULATORY AND WARNING SIGNS	38
T15.1000	STREET SIGN ASSEMBLY STD. 24.6.1	41
T20.0006	6 INCH WHITE FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	41
T20.0012	12 INCH WHITE FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	42
T20.0104	4 INCH YELLOW FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	42
T20.1106	6 INCH TEMPORARY WATERBORNE PAINT PAVEMENT MARKINGS WHITE	43
T20.1112	12 INCH TEMPORARY WATERBORNE PAINT PAVEMENT MARKINGS WHITE	44
T20.1204	4 INCH TEMPORARY WATERBORNE PAINT PAVEMENT MARKINGS YELLOW	44
T20.2006	6 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	45
T20.2012	12 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	46
T20.2014	4 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	46
208.9901	CULVERT FLOW BYPASS	47

Distribution of Quantities

Project Name - Woodville Road Improvements
 Estimate Name - Addendum 2 to 0165V - Woodville Road Estimate
 R.I. Contract No. - 2015-CH-062
 FAP Nos: STPG-RESF(352), STP-RESF(351)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
025	401.3110 Cont.	WOODVILLE ROAD				
		101+64 TO 118+49		710.00	0006	01
		120+10 TO 126+00		246.00	0006	01
		126+00 TO 264+40		3,346.00	0006	01
		272+48 TO 326+31		1,286.00	0006	01
Item 401.3110 Total:				5,588.00		
026	401.4002	CLASS 4.75 HMA FOR LEVELLING	TON			
		WOODVILLE ROAD				
		101+64 TO 118+49		180.00	0006	01
		120+10 TO 126+00		65.00	0006	01
Item 401.4002 Total:				245.00		
027	401.9901	PAY ADJUSTMENTS	EACH			
		WOODVILLE ROAD				
		PROJECT WIDE		60,000.00	0006	01
Item 401.9901 Total:				60,000.00		
028	403.0300	ASPHALT EMULSION TACK COAT	SY			
		WOODVILLE ROAD				
		101+64 TO 118+48		6,178.00	0006	01
		120+10 TO 126+00		2,143.00	0006	01
		126+00 TO 264+40		38,792.00	0006	01
		272+48 TO 326+30		14,904.00	0006	01
Item 403.0300 Total:				62,017.00		
029	406.0100	COLD RECYCLED BASE COURSE	SY			
		WOODVILLE ROAD				
		126+00 TO 264+40		38,792.00	0006	01
		272+48 TO 326+31		14,904.00	0006	01
Item 406.0100 Total:				53,696.00		
030	601.0300	CLASS A PORTLAND CEMENT CONCRETE	CY			

Distribution of Quantities

Project Name - Woodville Road Improvements
 Estimate Name - Addendum 2 to 0165V - Woodville Road Estimate
 R.I. Contract No. - 2015-CH-062
 FAP Nos: STPG-RESF(352), STP-RESF(351)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S093	T20.2014	Cont.				
		250+74, 56' RT TO 250+79, 25' RT		64.00	0021	02
		250+88, 25' LT TO 250+93, 59' LT		70.00	0021	02
		251+21, CTR TO 264+40, CTR		2,638.00	0021	02
		272+48, CTR TO 286+00, CTR		2,704.00	0021	02
		286+14, 25' LT TO 286+28, 60' LT		78.00	0021	02
		286+38, CTR TO 326+17, CTR		7,958.00	0021	02
Item T20.2014 Total:				43,214.00		
094	208.9901	CULVERT FLOW BYPASS	LS			
		WOODVILLE ROAD				
		CULVERT LOCATIONS		1.00	0006	01
Item 208.9901 Total:				1.00		