

September 16, 2014

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION  
DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES BID NO. 7548982

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2014-CH-039

FEDERAL-AID PROJECT NO. FAP Nos: STP-RESF(281)

**1R Improvements to Mineral Spring Avenue**

Dorman Avenue to Conant Street

CITY/TOWN OF Pawtucket, North Providence

COUNTY OF PROVIDENCE

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 1 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. Contract Dates**

1. Substantial Completion Date  
Substantial Completion Date Updated To "11/13/2015".

**B. General Provisions-Contract Specific**

1. CS-3  
Delete page CS-3 in its entirety and replace it with revised page CS-3(R-1) attached to this Addendum No. 1. Paragraph 5a. has been revised.
2. Transportation Management Plan  
Delete Transportation Management Plan pages 1, 3, and Attachment No.1 and replace them with revised pages 1(R-2), 3(R-2), and Attachment No. 1(R-2) attached to this Addendum No. 1. The General Restrictions tables have been revised.

**C. Specifications - Job Specific**

1. JS-3  
Delete page JS-3 in its entirety and replace it with revised page JS-3(R-1) attached to this Addendum No. 1. The substantial completion dated has been revised.

2. JS-8

Delete page JS-8 in its entirety and replace it with revised page JS-8(R-1) attached to this Addendum No. 1. Item Code for Remove and Dispose Signal Pole and Foundation has been revised.

3. JS-57 and JS-58

Delete pages JS-57 and JS-58 in their entirety and replace it with revised pages JS-57(R-1) and JS-58 (R-1) attached to this Addendum No. 1. Item code 906.9909 has been deleted.

**D. Distribution of Quantities**

1. Index Pages 1 & 3

Delete pages Index 1 & 3 in their entirety and replace them with revised pages Index 1(R-1) and Index 3(R-1) attached to this Addendum No. 1. Items with changes are indicated in bold type.

2. Page 11

Delete page 11 in its entirety and replace it with revised page 11(R-1) attached to this Addendum No. 1. A location/description for Item No. 25 has been revised.

3. Page 12

Delete page 12 in its entirety and replace it with revised page 12(R-1) attached to this Addendum No. 1. Item No. 28 has been deleted and Item No. 29 has been revised.

4. Page 69

Delete page 69 in its entirety and replace it with revised page 69(R-1) attached to this Addendum No. 1. Item No. 139 has been added.



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RI Department of Transportation  
Chief Engineer

#### 4. SPECIALTY ITEMS:

The following items are hereby designated "Specialty Items":

- a. Traffic Signing (Excluding Temporary Construction Signs)
- b. Pavement Markings (All types)
- c. Seeding
- d. Traffic Signal items

#### 5. SEQUENCE OF CONSTRUCTION:

##### a. General.

All work shall be completed in accordance with the Traffic-Related Work Restrictions indicated in the Transportation Management Plan.

The Contractor shall immediately establish all temporary erosion and sedimentation controls including temporary sedimentation basins and construction accesses.

Deviations from the requirements stated here or detailed in these specifications, as well as deviations from the approved construction work sequence and time schedule, must be submitted to the Engineer in writing for approval.

The Contractor may conduct the necessary work to remove the existing cobblestones and rails from Lonsdale Avenue to Conant Street at night. This work will follow the TMP restrictions listed for paving/milling operations. If the Contractor chooses to perform work other than paving/milling operations at night, he shall be responsible for securing approval from the City.

##### b. Special Requirements.

The Contractor must submit for Department acceptance a Project Schedule as required by Subsection 108.03 Prosecution and Progress; Schedule Level B of the State of Rhode Island Procurement Regulations, with all amendments. The proposed construction and time schedule must consider and address safe vehicle passage through the project and vehicle/pedestrian access to the abutting residential, commercial, and/or industrial establishments.

If the contract is extended beyond the specified completion date, a similar work schedule will be established by the Engineer.

All erosion controls shall be in-place and accepted by the Engineer prior to commencing work. Locations of surface features and utilities shown on the plans are approximate. The Contractor shall check and verify the exact location of all existing utilities, both underground and overhead, with Dig Safe. Any damage to existing utilities shall be the Contractor's responsibility in addition to providing vehicle and pedestrian access to abutting residential, commercial, and/or recreational establishments.

The Contractor must schedule sidewalk construction activities such that no areas are left without paved sidewalks for more than seven (7) consecutive calendar days, the intent being that once the Contractor commences the removal of existing sidewalks, he must install new sidewalks at that particular location within seven (7) calendar days.



Project Name: **1R Improvements to Mineral Spring Avenue**  
 RI Design Contract No(s): **2006-EH-010**  
 RI Construction Contract No(s): **2014-CH-039**

Submission: **ADV** R-1      Date: **9/10/2014** R-2

**PROJECT INFORMATION**

**Brief Project Description:** The work on this project will include, but is not limited to, site preparation, cold planing existing pavement, removing and disposing existing sidewalks, providing new cement concrete sidewalks, removing and resetting existing granite curb, new or reconstructed wheelchair ramps, providing new integrally colored and stamped portland cement concrete sidewalk border, and placement of a new bituminous concrete surface course.

**General Work Limits:** Work will take place at each of the intersections identified in the table below. The work will generally be confined to within approximately 100 feet of intersecting roadways. Shoulder closures and lane closures will be implemented within/on the intersection approaches.

WORK ZONE LOCATIONS			
ROADWAY NAME or INTERSECTION	FROM	TO	APPROX. LENGTH
<b>PAWTUCKET</b>			
Mineral Spring Avenue	Dorman Avenue	Conant Street	
Dorman Avenue	at Mineral Spring Avenue		
Stedman Avenue	at Mineral Spring Avenue		
Power Road	at Mineral Spring Avenue		
Overland Avenue	at Mineral Spring Avenue		
Smithfield Avenue	at Mineral Spring Avenue		
Columbia Avenue	at Mineral Spring Avenue		
Legion Drive	at Mineral Spring Avenue		
Fairlawn Avenue	at Mineral Spring Avenue		
San Antonio Avenue	at Mineral Spring Avenue		
Lorraine Street	at Mineral Spring Avenue		
Wilson Avenue	at Mineral Spring Avenue		
Hurley Avenue	at Mineral Spring Avenue		
Hope Street	at Mineral Spring Avenue		
Hicks Street	at Mineral Spring Avenue		
Lonsdale Avenue	at Mineral Spring Avenue		
Fenner Street	at Mineral Spring Avenue		
Bullock Street	at Mineral Spring Avenue		
Slater Street	at Mineral Spring Avenue		
Franklin Street	at Mineral Spring Avenue		
Bagley Street	at Mineral Spring Avenue		
Conant Street	at Mineral Spring Avenue		
<span style="border: 1px solid red; padding: 5px; display: inline-block;">Roads removed</span> <span style="float: right; border: 1px solid red; padding: 5px; display: inline-block;">R-1</span>			

**General Project Schedule\*:** The work is expected to begin in Spring 2015, and be completed by Fall 2016. Work on Mineral Spring Avenue between Hurley Avenue and Lonsdale Avenue will only be allowed beginning of July through the end of August. Dates Revised

\*The information in this section is not intended to and shall not supersede the approved schedule and milestone/completion dates for the project.

**PERFORMANCE MONITORING, CHANGES TO TMP, & CONTINGENCIES**

The Contractor's TMP Implementation Manager (if identified below) is responsible for keeping the portion of the project being used by public traffic in a condition that (1) safely and adequately accommodates such traffic and (2) is in accordance with the Traffic-Related Work Restrictions, the Temporary Traffic Control Plans, and where appropriate, the other transportation management strategies identified above. The RIDOT TMP Implementation Manager or his/her responsible designee should (1) inspect the project work zones at initial setup, at the start of each subsequent work day, and just prior to extended breaks in the work (e.g., weekends) for conformance with the Temporary Traffic Control Plans, the ATSSA Quality Guidelines for Temporary Traffic Control Devices and Features, and where applicable, the other transportation management strategies identified above and (2) document all work zone-related feedback and complaints that are received from the public.

If at any time (1) a significant deviation from any of the strategies included in the TMP (e.g., the use of an alternate construction sequence) is desired by one or more members of the project implementation team, (2) field observations and/or data suggest that impacts to road users are or will be unacceptable, or (3) one or more performance requirements established in the TMP are not being met in the field, the RIDOT TMP Implementation Manager shall report the situation to his/her supervisor or Division/Section/Unit manager. The supervisor / manager will coordinate with the State Traffic Engineer, the Deputy Chief Engineer, the TMP Implementation Manager(s), the Chief Engineer, and/or other interested parties as appropriate and/or necessary to consider and determine whether revised and/or alternate strategies should be implemented in an effort to lessen the adverse safety and/or mobility impacts of the project. If the supervisor / manager deems that strategy changes should be implemented, the changes shall be documented in a revised version of the TMP and the Deputy Chief Engineer, the State Traffic Engineer, and the Chief Engineer must approve of the revised TMP prior to their implementation.

If a significant deviation from any of the strategies included in the TMP is requested by the Contractor, unless directed otherwise by the RIDOT the Contractor is responsible for preparing and submitting to the RIDOT TMP Implementation Manager appropriate documentation (e.g., design calculations, analysis reports, Temporary Traffic Control Plans, etc.) showing that the requested change(s) are (1) feasible and (2) expected to result in safety and mobility impacts that are no more adverse than the impacts resulting from the strategies already included in the latest approved TMP. The RIDOT will review and consider the submittal(s) as described in the preceding paragraph and will determine whether the changes should be implemented. If the requested changes are approved by the RIDOT, unless otherwise directed by the RIDOT the Contractor shall prepare and submit to the RIDOT TMP Implementation Manager a revised version of the latest approved TMP in both printed and electronic (Microsoft® Excel) format that documents all of the approved changes. Work to implement the changes shall not begin until the Deputy Chief Engineer, the State Traffic Engineer, and the Chief Engineer have approved of the revised TMP.

When unexpected events (e.g., crashes, inclement weather, unforeseen traffic demands, etc.) occur in a project work zone where one or more lanes are closed, the RIDOT TMP Implementation Manager or his/her responsible designee should (1) determine whether or not the lane closure(s) can/should be removed in order to improve traffic operations and/or minimize delays and (2) if deemed appropriate, take action to remove the lane closure(s).

Other Requirements:

**TMP APPROVALS**

All approvals must be obtained prior to start of work

DEPUTY CHIEF ENGINEER	STATE TRAFFIC ENGINEER	CHIEF ENGINEER																		
Signature: <u>Frank Corrao III</u> Frank Corrao III, P.E.	Signature: <u>Robert Rocchio</u> Robert Rocchio, P.E.	Signature: <u>Kazem Farhoumand</u> Kazem Farhoumand, P.E.																		
Date: <u>1/6/14</u>	Date: <u>12/17/13</u>	Date: <u>1/9/13</u>																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Reason # <u>6</u></td> <td style="width: 33%;">EC <u>FC</u></td> <td style="width: 33%;">Date <u>8/2/14</u></td> </tr> <tr> <td></td> <td></td> <td><u>9/15/14</u></td> </tr> </table>	Reason # <u>6</u>	EC <u>FC</u>	Date <u>8/2/14</u>			<u>9/15/14</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Reason # <u>2</u></td> <td style="width: 33%;">EC <u>R</u></td> <td style="width: 33%;">Date <u>5/27/14</u></td> </tr> <tr> <td></td> <td></td> <td><u>9/15/14</u></td> </tr> </table>	Reason # <u>2</u>	EC <u>R</u>	Date <u>5/27/14</u>			<u>9/15/14</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Reason # <u>3/27/14</u></td> <td style="width: 33%;">EC <u>KE</u></td> <td style="width: 33%;">Date <u>1/15/14</u></td> </tr> <tr> <td></td> <td><u>KF</u></td> <td><u>2</u></td> </tr> </table>	Reason # <u>3/27/14</u>	EC <u>KE</u>	Date <u>1/15/14</u>		<u>KF</u>	<u>2</u>
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	<u>KF</u>	<u>2</u>																		

**TMP IMPLEMENTATION MANAGERS**

Project managers with the primary responsibility & authority for implementation of this TMP

RIDOT	CONTRACTOR (if contract work)
Name: _____	Name: _____
Title: _____	Title: _____
Unit: _____	Company/Unit: _____
Office Phone: _____	Office Phone: _____
Mobile Phone: _____	Mobile Phone: _____
E-Mail: _____	E-Mail: _____

Location	MINIMUM NUMBER OF LANES & SHOULDERS TO REMAIN OPEN TO TRAFFIC <sup>1,2,3,4,5</sup>								
	Time of Day		Day of Week						
	From	To	SUN	MON	TUES	WED	THURS	FRI	SAT
Mineral Spring Avenue <sup>6</sup> Lonsdale Avenue Power Road Smithfield Avenue	0:00	9:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL
	9:00	15:00	ALL	1L	1L	1L	1L	1L	ALL
	15:00	24:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL

Two-Way Side Streets Intersecting Mineral Spring Avenue	0:00	9:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL
	9:00	15:00	ALL	1L ALT	ALL				
	15:00	24:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL

One-Way Side Streets Intersecting Mineral Spring Avenue	0:00	9:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL
	9:00	15:00	ALL	1L (DIR)	ALL				
	15:00	24:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL

**PAVING OPERATIONS**

Mineral Spring Avenue <sup>6</sup>	0:00	6:00	ALL	1L/DETOUR	1L/DETOUR	1L/DETOUR	1L/DETOUR	1L/DETOUR	ALL
	6:00	9:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL
	9:00	15:00	ALL	1L	1L	1L	1L	1L	ALL
	15:00	20:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL
	20:00	24:00	1L/DETOUR	1L/DETOUR	1L/DETOUR	1L/DETOUR	1L/DETOUR	ALL	ALL

Lonsdale Avenue Power Road Smithfield Avenue	0:00	6:00	ALL	1L	1L	1L	1L	1L	ALL
	6:00	9:00	ALL						
	9:00	15:00	ALL	1L	1L	1L	1L	1L	ALL
	15:00	20:00	ALL						
	20:00	24:00	1L	1L	1L	1L	1L	ALL	ALL

Two-Way Side Streets Intersecting Mineral Spring Avenue	0:00	6:00	ALL	1L ALT	ALL				
	6:00	9:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL
	9:00	15:00	ALL	1L ALT	ALL				
	15:00	20:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL
	20:00	24:00	1L ALT	ALL	ALL				

One-Way Side Streets Intersecting Mineral Spring Avenue	0:00	6:00	ALL	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	ALL
	6:00	9:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL
	9:00	15:00	ALL	1L (DIR)	ALL				
	15:00	20:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL
	20:00	24:00	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED	ALL	ALL

**LEGEND**

- ALL All travel lanes and shoulders shall remain open to traffic
- 1L A minimum of one 11-foot wide travel lane in each direction shall remain open to traffic.
- 1L (DIR) A minimum of one 11-foot wide travel lane in the direction of existing one-way traffic shall remain open.
- 1L ALT A minimum of one 11-foot wide travel lane shall remain open to alternating traffic.
- 1L/DETOUR A minimum of one 12-foot wide travel lane shall remain open to traffic with detour in place.
- CLOSED Street may be closed to traffic.

**NOTES**

- 1 The set-up and break-down of temporary traffic control devices within a traveled way shall be construed as a closure of that traveled way.
- 2 The provisions noted herein shall not free the Contractor from his responsibility to conduct all work in such a manner that assures the least possible obstruction to traffic.
- 3 At locations with a sidewalk(s), a minimum of one sidewalk on one side of the roadway shall remain open to pedestrians at all times.
- 4 Access to and egress from all side streets, driveways, buildings, and other pedestrian pathways intersecting the Project work zones shall be maintained at all times unless otherwise noted or shown on the plans.
- 5 Detour for Mineral Spring Avenue per approved streets shown on detour plan.
- 6 All lanes and shoulders along Mineral Spring Avenue, between Hurley Street and Lonsdale Avenue shall remain open between September and June.

**CODE 108.1000**

**PROSECUTION AND PROGRESS**

In accordance with Section 108.08, Failure to Complete on Time, Para. a., Phased Completion, Interim Completion and Substantial Completion the following defines the Interim and Substantial Completion Dates and Associated Liquidated Damages:

Substantial Completion: November 13, 2015  
All Contract work shall be completed, as defined by Section 101.71.

Liquidated Damages: \$1,500.00 per calendar day.

**CODE 201.9901  
REMOVE AND DISPOSE RAILROAD TRACKS**

**CODE 201.9910  
REMOVE AND DISPOSE SIGNAL POLE AND FOUNDATION**

**CODE 201.9904  
REMOVE AND DISPOSE COBBLESTONE**

**CODE 201.9911  
REMOVE AND DISPOSE STEEL POLE**

**DESCRIPTION:** Work covered under these items shall consist of removal and legal disposal of various items from locations indicated on the plans. These items shall include all equipment and labor necessary to remove and dispose these items as indicated on the plans or as directed by the Engineer.

**CONSTRUCTION METHODS:** All work done under these items shall be performed in a cautious and professional manner after installation of all erosion controls. Items for disposal shall be removed within the locations indicated on the plans.

The Contractor shall be made aware that any damage to the existing fence gate foundation and gas line adjacent to the existing signal pole will be repaired at his cost.

**METHOD OF MEASUREMENT:**

“Remove and Dispose Railroad Tracks” will be measured by the number of linear feet of each individual track, actually removed and disposed in accordance with the Plans and/or as directed by the Engineer.

“Remove and Dispose Signal Pole and Foundation” will be measured per each of signal pole and foundation, actually removed and disposed in accordance with the Plans and/or as directed by the Engineer. Signal pole and foundation will be measured as one unit, not separately.

“Remove and Dispose Cobblestone” will be measured by the number of square yards, actually removed and disposed in accordance with the Plans and/or as directed by the Engineer.

“Remove and Dispose Steel Pole” will be measured per each pole actually removed and disposed in accordance with the Plans and/or as directed by the Engineer.

**BASIS OF PAYMENT:** The accepted quantity of “Remove and Dispose Railroad Tracks” will be paid for at the contract unit price per linear foot as listed in the Proposal. The price so-stated constitutes full and complete compensation for all materials, labor and equipment, including excavation and cutting and removal of tracks, legal disposal of tracks, complete removal and

**CODE 906.9901**

**GRANITE CURB QUARRY SPLIT, STRAIGHT, 7" WIDTH**

**CODE 906.9902**

**GRANITE CURB QUARRY SPLIT, CIRCULAR, 7" WIDTH**

**CODE 906.9903**

**GRANITE CURB QUARRY SPLIT 2-FOOT CORNER, 7" WIDTH**

**CODE 906.9904**

**6' GRANITE TRANSITION CURB QUARRY SPLIT STRAIGHT OR CIRCULAR  
7" WIDTH**

**CODE 906.9905**

**GRANITE WHEELCHAIR RAMP TRANSITION CURB 7" WIDTH**

**CODE 906.9906**

**GRANITE WHEELCHAIR RAMP STONE STRAIGHT OR CIRCULAR  
7" WIDTH**

**DESCRIPTION.**

The work in this specification consists of furnishing and installing new granite curbing at locations shown on the plans or as directed by the Engineer.

**CONSTRUCTION METHODS.**

All construction methods shall be in accordance with Section 906.03.1 of the Standard Specifications and the contract details.

Excess curbing not to be used on the site will be, at the direction of the Engineer, shall be transported to the Pawtucket DPW Highway Garage.

**METHOD OF MEASUREMENT.**

**906.9901 GRANITE CURB QUARRY SPLIT, STRAIGHT 7" WIDTH, 906.9902 GRANITE CURB QUARRY SPLIT CIRCULAR 7" WIDTH, 906.9905 GRANITE WHEELCHAIR RAMP TRANSITION CURB 7" WIDTH,** will be measured by the number of Linear Feet of such curbing actually installed as directed by the Engineer.

**906.9903 GRANITE CURB QUARRY SPLIT 2-FOOT CORNER, 7" WIDTH, 906.9904 6' GRANITE TRANSITION CURB QUARRY SPLIT STRAIGHT OR CIRCULAR 7" WIDTH, 906.9906 GRANITE WHEELCHAIR RAMP STONE STRAIGHT OR CIRCULAR 7" WIDTH** shall be measured by the number of Each such units actually installed as directed by the Engineer.

#### **BASIS OF PAYMENT**

**906.9901 GRANITE CURB QUARRY SPLIT, STRAIGHT 7" WIDTH, 906.9902 GRANITE CURB QUARRY SPLIT CIRCULAR 7" WIDTH, 906.9905 GRANITE WHEELCHAIR RAMP TRANSITION CURB 7" WIDTH**, will be paid for at their respective contract unit prices per Linear Foot as listed in the Proposal. The prices constitute full and complete compensation for all labor, materials and equipment, including excavation, joints, gravel borrow, backfilling, and all other incidentals required to finish the work, complete and accepted by the Engineer.

**906.9903 GRANITE CURB QUARRY SPLIT 2-FOOT CORNER, 7" WIDTH, 906.9904 6' GRANITE TRANSITION CURB QUARRY SPLIT STRAIGHT OR CIRCULAR 7" WIDTH, 906.9906 GRANITE WHEELCHAIR RAMP STONE STRAIGHT OR CIRCULAR 7" WIDTH** will be paid for at their respective contract unit prices per Each as listed in the Proposal. The prices constitute full and complete compensation for all labor, materials and equipment, including excavation, joints, gravel borrow, backfilling, and all other incidentals required to finish the work, complete and accepted by the Engineer.

## Table of Contents - Distribution of Quantities

Project Name - 1R Improvements to Mineral Spring Avenue

Estimate Name - Addendum No. 1

R.I. Contract No. - 2014-CH-039

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Project Name - 1R Improvements to Mineral Spring Avenue

Estimate Name - Addendum No. 1

R.I. Contract No. - 2014-CH-039

FAP Nos: STP-RESF(281)

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T14.3613	1 WAY 3 SECTION BRACKET MOUNTED SIGNAL HEAD 12 INCH	56
T14.3615	1 WAY 4 SECTION BRACKET MOUNTED SIGNAL HEAD 12 INCH (W/DUAL IND DUAL ROW L.E.D. ARROW)	56
T14.9901	1 WAY PEDESTAL MOUNTED LED PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER - 12 INCH	57
T14.9902	1 WAY BRACKET MOUNTED LED PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMERS - 12 INCH	57
T14.9903	REMOVE AND RELOCATE TRAFFIC SIGNAL HEAD	57
T15.0100	DIRECTIONAL REGULATORY AND WARNING SIGNS	57
T15.1000	STREET SIGN ASSEMBLY STD. 24.6.1	60
T15.2000	PARKING SIGNS	61
T15.9901	SUPPLEMENTAL SIGN POSTS R.I. STD. 24.2.0	63
T20.0006	6 INCH WHITE FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	63
T20.0012	12 INCH WHITE FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	63
T20.0104	4 INCH YELLOW FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT	63
T20.0820	FAST DRYING WATERBORNE PAVEMENT ARROW - STRAIGHT, LEFT, RIGHT, OR COMBINED STANDARD 20.1.0	63
T20.2006	6 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	64
T20.2012	12 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	65
T20.2014	4 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	66
T20.2020	EPOXY RESIN PAVEMENT ARROW - STRAIGHT, LEFT, RIGHT, OR COMBINED STANDARD 20.1.0	67
T20.9903	6 INCH TEMPORARY WATERBORNE PAVEMENT MARKING PAINT WHITE - 8 MILS	67
T20.9909	12 INCH TEMPORARY WATERBORNE PAVEMENT MARKING PAINT WHITE - 8 MILS	67
T20.9913	12 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	67
T20.9917	4 INCH TEMPORARY WATERBORNE PAVEMENT MARKING PAINT YELLOW - 8 MILS	68
T20.9921	TEMPORARY WATERBORNE PAVEMENT ARROW - STRAIGHT, LEFT, RIGHT OR COMBINED STD. 20.1.0 - 8 MILS	68
T20.9936	FAST DRYING WATERBORNE PAVEMENT MARKING SYMBOL "RXR"	68
T20.9937	TEMPORARY WATERBORNE PAVEMENT MARKING SYMBOL "RXR" - 8 MILS	68
T20.9938	EPOXY RESIN PAVEMENT MARKING SYMBOL "RXR"	69
412.0100	RUBBERIZED ASPHALT CHIP SEALING	69

## Distribution of Quantities

Project Name - 1R Improvements to Mineral Spring Avenue  
 Estimate Name - Addendum No. 1  
 R.I. Contract No. - 2014-CH-039  
 FAP Nos: STP-RESF(281)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
022	303.0100	Cont.				
		226+00		2.00	0005	01
		AS DIRECTED BY THE ENGINEER		2.00	0005	01
		WILLOW AVE		0.50	0005	01
Item 303.0100 Total:				5.00		
023	401.9903	CLASS 19.0 HMA	TON			
		MINERAL SPRING AVE				
		BULLOCK ST - CONANT ST		480.00	0005	01
Item 401.9903 Total:				480.00		
024	401.9904	CLASS 12.5 HMA WITH PAY FACTORS	TON			
		MINERAL SPRING AVE				
		BULLOCK ST - CONANT ST		570.00	0005	01
		DORMAN AVE - HURLEY AVE		2,400.00	0005	01
		HURLEY AVE - FENNER ST		1,160.00	0005	01
Item 401.9904 Total:				4,130.00		
025	401.9905	CLASS 4.75 FOR LEVELING COURSE	TON			
		MINERAL SPRING AVE				
		BCD-1 DRIVEWAYS		200.00	0005	01
		BULLOCK ST TO CONANT ST		500.00	0005	01
		DORMAN AVE - HURLEY AVE		2,150.00	0005	01
		REPAIRS TO CONC. BASE		800.00	0005	01
Item 401.9905 Total:				3,650.00		
026	403.0300	ASPHALT EMULSION TACK COAT	SY			
		MINERAL SPRING AVE				
		BULLOCK ST - CONANT ST (3 APP)		8,720.00	0005	01
		DORMAN AVE - HURLEY (3 APP)		56,250.00	0005	01
		HURLEY AVE - FENNER ST (1 APP)		13,080.00	0005	01

## Distribution of Quantities

Project Name - 1R Improvements to Mineral Spring Avenue  
 Estimate Name - Addendum No. 1  
 R.I. Contract No. - 2014-CH-039  
 FAP Nos: STP-RESF(281)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
026	403.0300	Cont.		Item 403.0300 Total:		78,050.00
027	410.1000	TEMPORARY PATCHING MATERIAL/TRENCHES MINERAL SPRING AVE BULLOCK ST TO CONANT ST	TON	175.00	0005	01
		PROJECT WIDE (@ DWY OPENINGS)		370.00	0005	01
		Item 410.1000 Total:		545.00		
028	412.9901	CHIP SEAL MINERAL SPRING AVE BULLOCK ST - CONANT ST	SY		0005	01
		DORMAN AVE - HURLEY AVE			0005	01
		Item 412.9901 Total:		**DELETED**		
029	601.0300	CLASS A PORTLAND CEMENT CONCRETE MINERAL SPRING AVE FROM ITEM 906.0700	CY	580.00	0005	01
		FROM ITEM 906.9901		40.00	0005	01
		FROM ITEM 906.9902		10.00	0005	01
		FROM ITEMS 906.0100,906.0101,906.0110, 906.0111		15.00	0005	01
		FROM ITEMS 906.9903		12.00	0005	01
		Item 601.0300 Total:		657.00		
030	701.0612	REINFORCED CONCRETE PIPE M 170 CLASS V 12 INCH MINERAL SPRING AVE 231+60 - 232+75 RT	LF	110.00	0005	01
		231+65 RT		10.00	0005	01
		243+80 RT		10.00	0005	01
		Item 701.0612 Total:		130.00		

## Distribution of Quantities

Project Name - 1R Improvements to Mineral Spring Avenue  
 Estimate Name - Addendum No. 1  
 R.I. Contract No. - 2014-CH-039  
 FAP Nos: STP-RESF(281)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S138	T20.9938	EPOXY RESIN PAVEMENT MARKING	EACH			
		SYMBOL "RXR"				
		MINERAL SPRING AVE				
		@ P & W RR		2.00	0005	01
Item T20.9938 Total:				2.00		
139	412.0100	RUBBERIZED ASPHALT CHIP SEALING	SY			
		MINERAL SPRING AVE				
		BULLOCK ST - CONANT ST		4,360.00	0005	01
		DORMAN AVE - HURLEY AVE		18,570.00	0005	01
Item 412.0100 Total:				22,930.00		