

April 4, 2016

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION
DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES BID NO. 7550414

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2016-CH-006

FEDERAL-AID PROJECT NO. FAP Nos: STP-RESF(322)

Improvements to High Street and Kingstown Road

Main Street to North Road

CITY/TOWN OF South Kingstown

COUNTY OF WASHINGTON

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. Plans

1. Plan Cover Sheet

Remove the Plan Cover Sheet in its entirety and replace with Plan Cover Sheet (R-1) attached to this Addendum No.1. Approval signatures have been added.

B. Specifications - Cover

1. Cover Page

Remove the Specifications Cover Page in its entirety and replace with the revised Specifications Cover Page (R-1) attached to this Addendum No. 1. The Rhode Island Project Number was corrected.

C. Specifications - Contract Specific

1. Page CS-i

Remove page CS-i in its entirety and replace with page CS-i (R-1) attached to this Addendum No. 1. Paragraph 20 - Coordination with other Projects was added.

2. Page CS-2

Remove page CS-2 in its entirety and replace with page CS-2 (R-1) attached to this Addendum No. 1. United Water contact info has been added to Paragraph 4.

3. Page CS-7

Remove page CS-7 in its entirety and replace with page CS-7 (R-1) attached to this Addendum No. 1. Paragraph 20 - Coordination with other Projects was added.

4. Appendix G - Soil Erosion and Sediment Control Plan (SESC)

Remove the Cover Page, page ii and page 34 in their entirety and replace with Cover Page (R-1), page ii (R-1) and page 34 (R-1) attached to this Addendum No. 1. The Owner's Name has been updated to Joseph D. Baker, P.E. - Acting Deputy Chief Engineer.

D. Specifications - Job Specific

1. Index Page

Remove page JS-i in its entirety and replace with page JS-i (R-1) attached to this Addendum No. 1. Item 929 - Field Offices and Materials Laboratory was added.

2. Item 108.1000

Remove page JS-1 in its entirety and replace with page JS-1 (R-1) attached to this Addendum No. 1. Substantial Completion Dates have been revised.

3. Item 201.9904

Remove pages JS-12 and JS-13 in their entirety and replace with pages JS-12 (R-1) and JS-13 (R-1) attached to this Addendum No. 1. Description, Equipment/Materials, Construction Methods and Basis of Payment have been revised.

4. Item 929

Insert page JS-27-a attached to this Addendum No. 1. Field Offices and Materials Laboratory requirements were added.

5. Item 938.1000

Remove page JS-29 in its entirety and replace with page JS-29 (R-1) attached to this Addendum No. 1. The prices have been updated based on the latest adjustment information provided by RIDOT.

E. Contract Dates

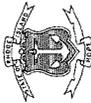
1. Bid-Opening Date

Bid-Opening Date Updated To "04/20/2016".



RI Department of Transportation
Chief Engineer

STATE OF RHODE ISLAND



DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED
IMPROVEMENTS TO HIGH STREET
AND KINGSTOWN ROAD
MAIN STREET TO NORTH ROAD
TOWN OF SOUTH KINGSTOWN
COUNTY OF WASHINGTON

R.I. CONTRACT NO. 2016-CH-006 F.A. PROJECT NO. STP-RESF(622)

- PAVEMENT STRUCTURE (MAIN STREET TO STATION 152+00±)
- 2" BITUMINOUS CONCRETE SURFACE COURSE - MODIFIED CLASS 9.5 HMA
- 4" BITUMINOUS CONCRETE BASE COURSE - CLASS 19 HMA
- GRAVEL BORROW SUBBASE COURSE (AS NEEDED TO ADJUST PROFILE)
- PAVEMENT STRUCTURE (STATION 152+00± TO NORTH ROAD)
- 2" MICROMILL WITH 2" BITUMINOUS OVERLAY - MODIFIED CLASS 9.5 HMA

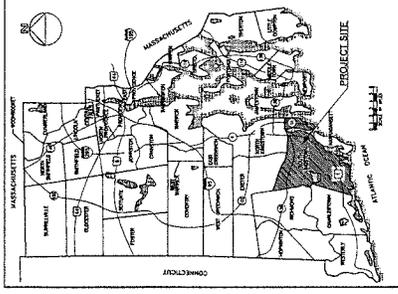
PROJECT LENGTH = 1.30 MILES

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SHEET NO.	DESCRIPTION
1	COVER SHEET
2	STANDARD PLAN SYMBOLS AND STANDARD LEGEND
3,4	STANDARD NOTES - 1&2
5	PROFILES, ELEVATIONS, NOTES AND MISCELLANEOUS DETAILS
6	TYPICAL CROSS SECTIONS, NOTES AND MISCELLANEOUS DETAILS
7,18	GENERAL PLANS NO. 1-12
19-20	PROFILES NO. 1-12
21	LOCATION PLANS NO. 1-12
43-44	SIGNING AND STRIPING PLANS NO. 1-12
55-56	MAINTENANCE AND PROTECTION OF TRAFFIC PLAN
57	MEASUREMENTS
58	CROSS SECTIONS NO. 1-34
89-102	

R.I. STANDARD SPECIFICATIONS AND STANDARD DETAILS.
SPECIFICATIONS GOVERNING THIS PROJECT ARE THE R.I. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED AUGUST 2015, WITH ALL REVISIONS AND THE STATE AND FEDERAL STANDARD SPECIFICATIONS AND STANDARD DETAILS, 1998 EDITION, WITH ALL REVISIONS.

REV.	DATE	BY	CHKD.	NO.	DESCRIPTION
1	01/11/18	RES	RES	102	REVISED



DESIGN DESIGNATION (HIGH ST.)

AADT (2011)	4,375 V.P.D.
AADT (2031)	5,290 V.P.D.
K	50% NB/50% SB
K	7.8%
DDV	170 V.P.H.
DHV	340 V.P.H.
DESIGN SPEED	30 M.P.H.

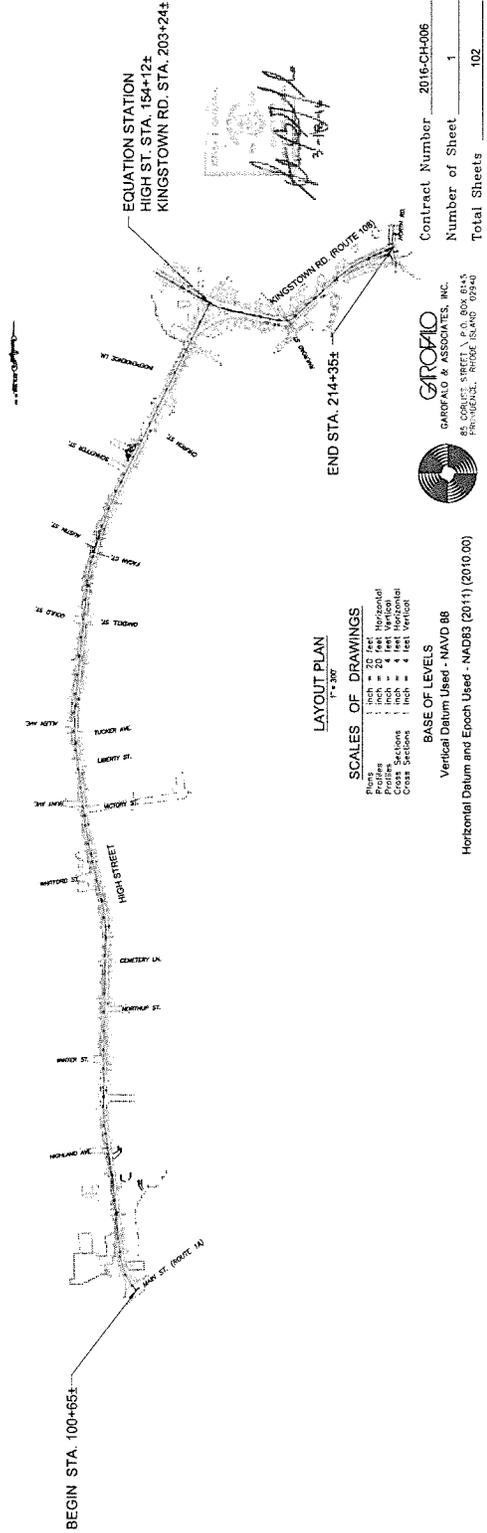
HURRICANE EVACUATION ROUTE
This project includes work on a designated Evacuation and Diversionary Route as follows:
Refer to General Note 18 on Sheet 3.

R.I. DEPARTMENT OF TRANSPORTATION

APPROVED: [Signature] DATE: 3/22/16
 CHECKED: [Signature] DATE: 3/22/16
 DESIGNED: [Signature] DATE: 3/22/16

APPROVED: [Signature] DATE: 3/22/16
 CHECKED: [Signature] DATE: 3/22/16
 DESIGNED: [Signature] DATE: 3/22/16

R.I. DEPARTMENT OF TRANSPORTATION
 TECHNICAL ADMINISTRATION



LAYOUT PLAN
T=200

SCALES OF DRAWINGS
 Plans: 1 inch = 20 feet
 Profiles: 1 inch = 4 feet
 Cross Sections: 1 inch = 4 feet

BASE OF LEVELS
 Vertical Datum Used - NAVD 88
 Horizontal Datum and Easch Used - NAD83 (2011) (2010.00)



Contract Number 2016-CH-006
 Number of Sheet 1
 Total Sheets 102

**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
DEPARTMENT OF TRANSPORTATION**

**RHODE ISLAND CONTRACT NO.: 2016-CH-006
RHODE ISLAND PROJECT NO.: STP-RESF(322)**

**IMPROVEMENTS TO HIGH STREET
AND KINGSTOWN ROAD**

**LIMITS OF WORK:
MAIN STREET TO NORTH ROAD**

**TOWN OF SOUTH KINGSTOWN
COUNTY OF WASHINGTON**

CONTENTS

Standard Specifications for Road and Bridge Construction, 2010
Compilations of Approved Specifications
Required Contract Provisions for Federal-Aid Construction Contracts
RIDO Division of Purchases Procurement Regulations
Rhode Island Standard Details
Bridge Standard Details
General Provisions
General Provisions – Contract Specific
Specifications - Job Specific
Distribution of Quantities
Plans
Federal Wage Rates
Quest Lite User Manual
Quest Lite Installation

**GAROFALO & ASSOCIATES, INC.
85 CORLISS STREET
POST OFFICE BOX 6145
PROVIDENCE, RHODE ISLAND 02940**

MARCH 2016

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GENERAL PROVISIONS – CONTRACT SPECIFIC

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7	Special Requirements for Traffic Protection	CS-4
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12	Maintenance of Public Access	CS-5
13	Structural Disposition List	CS-5
14	Storage of Construction Materials and/or Equipment	CS-6
15	Erosion and Sediment Control Measures	CS-6
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17	Flexible Pavement Removal	CS-6
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Appendix C	Approved RIDEM Permit	
Appendix D	Pavement Coring Logs	
Appendix E	Utility Test Pit Logs	
Appendix F	RIDOT Utility Permit Applications Nos. 20976 and 20978	
Appendix G	Soil Erosion and Sediment Control Plan (SESC)	

4. UTILITY AND MUNICIPAL NOTIFICATION AND COORDINATION:

The Contractor shall schedule construction so as to allow for a coordinated utility effort. Upon award, the Contractor shall notify the affected utilities, as applicable, relative to his anticipated construction start date. The Contractor is required to call DIG SAFE (1-888-344-7233) a minimum of seventy-two (72) hours before digging begins.

<u>Agency</u>	<u>Contact Person</u>	<u>Phone Number</u>
South Kingstown Public Works	Paul Ferrandi	(401) 789-9331 x3238
South Kingstown Fire Chief	Robert Perry	(401) 789-8354
South Kingstown Police Chief	Vincent Vespia, Jr.	(401) 789-3321
United Water	Mark Dowdell	(401) 789-0271
School Superintendent	Kristen Stringfellow	(401) 360-1307
National Grid – Electric	Thomas Capobianco	(401) 784-7248
National Grid – Gas	James Paulette	(401) 465-8580
Verizon	Peter DeCosta	(508) 884-4950
Cox Communications	David Velilla	(401) 615-1284

Existing utilities have been shown on the Plans using the best available information. The Contractor shall check and verify the location of all existing utilities both underground and overhead in accordance with the “Dig Safe Program Law” enacted by Rhode Island Legislation Bill No. 79S-291, which became effective July 1, 1979. The Contractor should be aware that not all utility companies subscribe to the Dig Safe program. It is the Contractor’s responsibility to ensure that all utility companies have been notified and that all utilities have been marked prior to commencing their work. Any damage to existing utilities shall be replaced or repaired to the satisfaction of the Engineer at no additional cost to the State.

5. SPECIALTY ITEMS:

The following items are hereby designated as Specialty Items:

- Abandon Drainage Pipe
- Guardrail
- Furnish and Install Textured Crosswalk
- Seeding
- Signing
- Striping

6. SEQUENCE OF CONSTRUCTION:

- A. Approval of the work sequence and time schedule is required before the start of any construction or other work associated with this contract. The proposed construction and time schedule must consider and address the safe vehicle passage through the project during construction.

18. MONOLITHIC SIDEWALK/CURB REMOVAL:

In areas where monolithic sidewalk/curb is encountered, removal of this entire structure shall be paid for under item 201.0403 – Remove & Dispose Sidewalks.

19. RIPTA COORDINATION:

RIPTA coordination for all detours shall be coordinated through Greg Harris (784-9500 x218). This coordination must be made at least 1 week prior to starting the detour.

20. COORDINATION WITH OTHER PROJECTS:

RIDOT construction project, 2015 Statewide Paving Program – Contract 1 (RICN 2015-CH-061), is currently in progress. A section of Kingstown Road (from North Road to Columbia Street) will be resurfaced in this project. The contractor shall coordinate any nearby work with this project.

Soil Erosion and Sediment Control Plan

For:

Improvements to High Street and Route 108

Main Street (U.S. Route 1A) to North Road

South Kingstown, RI 02879

Owner:

Rhode Island Department of Transportation
Joseph D. Baker, P.E.
2 Capitol Hill
Providence, RI 02903
401-222-2023

Operator:

*TO BE DETERMINED UPON
CONTRACT AWARD*

TO BE DETERMINED BY CONTRACT AWARD
Name
Address
City, State, Zip Code
Telephone Number
Email Address

Estimated Project Dates:

Start Date: June 2016
Completion Date: December 2017

SESC Plan Prepared By:

Garofalo & Associates, Inc.
85 Corliss Street, P.O. Box 6145
Providence, RI 02940
401-273-6000

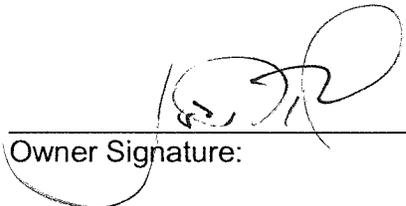
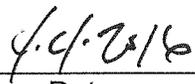
**SESC Plan
Preparation Date:**

March 9, 2015

OWNER CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under the direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I am aware that it is the responsibility of the site owner and operator to implement and amend the Soil Erosion and Sediment Control Plan as appropriate in accordance with the requirements of the RIPDES Construction General Permit.

 _____
Owner Signature: 
Date

Owner Name: Joseph D. Baker, P.E.

Owner Title: Acting Deputy Chief Engineer

Company Name: Rhode Island Department of Transportation

Address: 2 Capitol Hill, Providence RI 02903

Phone Number: 401-222-2023

Email Address: Email

SECTION 8: PARTY CERTIFICATIONS

RIPDES Construction General Permit – Part V.G

All parties working at the project site are required to comply with the Soil Erosion and Sediment Control Plan (SESC Plan) for any work that is performed on-site. The site owner, site operator, contractors and sub-contractors are encouraged to advise all employees working on this project of the requirements of the SESC Plan. A copy of the SESC Plan is available for your review at the following location: _____, or may be obtained by contacting the site owner or site operator.

The site owner and site operator and each subcontractor engaged in activities at the construction site that could impact stormwater must be identified and sign the following certification statement.

I acknowledge that I have read and understand the terms and conditions of the Soil Erosion and Sediment Control (SESC) Plan for the above designated project and agree to follow the control measures described in the SESC Plan.

Site Owner:

Rhode Island Department of Transportation
Joseph D. Baker, P.E.
2 Capitol Hill
Providence, RI 02903
401-222-2023

signature/date

Site Operator:

Insert Company or Organization Name
Insert Name & Title
Insert Address
Insert City, State, Zip Code
Insert Telephone Number, Insert Fax/Email

signature/date

Designated Site Inspector:

Insert Company or Organization Name
Insert Name & Title
Insert Address
Insert City, State, Zip Code
Insert Telephone Number, Insert Fax/Email

signature/date

SubContractor/SESC Plan Contact:

Insert Company or Organization Name
Insert Name & Title
Insert Address
Insert City, State, Zip Code
Insert Telephone Number, Insert Fax/Email

signature/date

Insert more contact/signature lines as necessary

**SPECIFICATIONS – JOB SPECIFIC
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212.1000	Cleaning and Maintenance of Erosion Controls	JS-17
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701.9901	Tie Drain Pipe into Culvert Wall	JS-22
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937.1000	Maintenance and Movement of Traffic Protection	JS-28
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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: See Table Below

All Contract work shall be completed, as defined by **Section 101.71**.

Liquidated Damages: **\$1,750.00** per calendar day.

Notice to Proceed	Substantial Completion
On or before August 13, 2016	25-Aug-17
August 14, 2016 thru September 27, 2016	22-Sep-17

**201.9904 – REMOVE AND DISPOSE OF SOIL
IMPACTED BY HAZARDOUS MATERIAL**

DESCRIPTION: This work consists of the testing, handling, removal, stockpiling, hauling, and legal off-site disposal of soil excavated during construction that is demonstrated or suspected to have been impacted from petroleum, petroleum-based asphalts, or other hazardous materials listed in Table 1 of the Rhode Island Department of Environmental Management Remediation Regulations.

HEALTH AND SAFETY: The Contractor shall comply with all Occupational Safety and Health Administration (OSHA) standards set forth in 29 CFR 1910.120. The Contractor's employees and any subcontractor's employees who will potentially encounter subsurface soil on this project are required to have OSHA 40-hour HAZWOPPER health and safety training and the 8-hour OSHA annual refresher course, as applicable. Level D personal protection equipment (PPE) shall be the minimum personal protection level used for any personnel that may come in contact with subsurface soils.

EQUIPMENT/MATERIALS: The methods employed in performing the work and all equipment, tools, and machinery used in handling material and executing any part of the work shall be in accordance with these specifications and subject to approval by the Engineer and the Contractor's Environmental Sub-Consultant prior to the commencement of work. Contractor shall have Level D PPE available for all personnel engaged in this work and shall have an inventory of PPE in the event that the level of PPE necessary needs to be upgraded at any time during the project.

CONSTRUCTION METHODS: The Contractor and/or their Environmental Sub-Consultant shall notify the Engineer at least 48 hours prior to commencing work to arrange for the appropriate personnel to be on-site to witness soil excavation. Impacted soil shall be identified through field screening (visual, olfactory, or photo-ionization detection (PID)) performed by the Contractor's Environmental Sub-Consultant. Upon excavation, Contractor shall segregate material demonstrated or suspected to be impacted and stockpile it at an on-site location. Stockpiling of this material shall only be allowed during the testing process. Once the testing has been completed and material has been classified, it shall then be used for construction purposes or immediately removed from the site and legally disposed of. The material in need of testing and classification is located adjacent to 529 High Street. New drainage structures and pipes will be installed and the excavated material is to be tested. This testing and classification work shall be performed no later than 30 days after start of construction.

The Contractor and/or their Environmental Sub-Consultant will perform characterization on material designated for possible off-site disposal and provide the analytical results to the Contractor so they may obtain approval of an appropriate disposal outlet (e.g., RIRRC Central Landfill). The actual requirements for acceptance of this material shall be as determined by the disposal outlet selected by the Contractor. Any additional disposal facility acceptance requirements shall be the responsibility of the Contractor. Additional requirements may include, but not necessarily be limited to, providing a bag sample of material to the disposal outlet and performing analysis for flash point, free liquids, and other physical characteristics. Contractor is made aware that some or all of this material may be suitable for reuse within certain areas of the project site upon the results of the field screening and/or chemical analysis. The Contractor and/or their Environmental Sub-Consultant will identify which material should be segregated for offsite disposal. The Contractor shall provide the Engineer with a copy of the letter of acceptance from the selected disposal facility prior to the disposal of any material.

The Contractor shall take all precautions necessary to minimize exposure or direct contact with material suspected to be impacted by hazardous materials. Contractor shall also limit any stockpiling to the time required for testing and classification. No other stockpiling will be allowed. Any stockpiling shall require two layers of 6 mil polyethylene sheeting for excavated material to be placed on.

The Contractor shall provide the Engineer with disposal documentation following its delivery to the selected disposal facility. This shall include time-stamped weight slips, signed by the material hauler and personnel at the disposal outlet, indicating the quantity of material disposed. Contractor is required to submit this information for payment under item Code 201.9905.

METHOD OF MEASUREMENT: "Remove and Dispose of Soil Impacted by Hazardous Material" will be measured for payment by "Ton". The number of tons shall be determined from weight slips generated by the disposal facility.

BASIS OF PAYMENT: The accepted quantities of "Remove and Dispose of Soil Impacted by Hazardous Material" shall be paid for at the contract bid price per "Ton" as listed in the Proposal. The price so-stated constitutes full and complete compensation for all labor, materials, and equipment, including selecting, hiring and payment for an environmental sub-consultant to oversee the work, handling, removing, stockpiling, rehandling, managing, hauling, and legally disposing of soil impacted by hazardous materials as described by this specification, disposal facility acceptance requirements, and all other incidentals required to furnish the work, complete and accepted by the Engineer. Actual excavation of soil shall be paid for under the appropriate bid items.

Disposal fees and/or tipping fees will be paid for separately under Item Code 201.9905.

929 – FIELD OFFICES AND MATERIALS LABORATORY

929.03.5 Special Requirements for Materials. Materials will also be provided with the following:

b. Equipment.

5) Three (3) Fresh Concrete Test Sets Lite-Forney Model LAG-0060-01 (4X8) or equivalent including Air Content Equipment in accordance with AASHTO T152, Slump Equipment in accordance to AASHTO T119, Unit Weight Scales and all other related equipment.

6) Three (3) Infrared Thermometers

Various vendors

Raytek MiniTemp w/Laser sights and case.

Upon completion of the project, the above equipment including all warranties, will become the property of the Rhode Island Department of Transportation.

938.1000 – PRICE ADJUSTMENTS

DESCRIPTION:

- a. **Liquid Asphalt Cement.** * The base price of Liquid Asphalt Cement as required to implement **Subsection 938.03.1** of the Rhode Island Department of Transportation Standard Specifications for Road and Bridge Construction, 2010 Edition is **\$385.00** per ton as of March 15, 2016.

* In the case of modified asphalt binder, this price adjustment provision shall only apply to the neat liquid asphalt component. This provision shall not apply to the modifier component, manufacture, storage, transportation or other associated costs.

- b. **Diesel Fuel.** The base price of Diesel Fuel as required to implement **Subsection 938.03.2** of the Rhode Island Department of Transportation Standard Specifications for Road and Bridge Construction, 2010 Edition is **\$1.3574** per gallon as of March 15, 2016.