

April 16, 2015

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION  
DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES BID NO. 7549450

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2015-CH-047

FEDERAL-AID PROJECT NO. FAP Nos: NHS-0001(113), NHSG-0001(114)

**Improvements to US Route 1 in South Kingstown**

The project is US Route 1 in South Kingstown. The limits of work are from William C. O'Neill bike path in South Kingstown north to the Government Center Intersection.

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. Sheet No. 1 Cover

Delete Sheet No. 1 in its entirety and replace with revised Sheet No. 1 (R-1) attached to this Addendum No. 1. The Federal Aid Project Numbers on the layout plan have been revised and Engineer's stamps and signatures have been provided.

2. Sheet No. 2 Key Plan

Delete Sheet No. 2 in its entirety and replace with revised Sheet No. 2 (R-1) attached to this Addendum No. 1. The Federal Aid Project Numbers have been revised.

**B. Contract Documents**

1. General Provision - Contract Specifics

a. Page CS 6

Delete Page CS 6 in its entirety and replace with Page CS 6 (R-1) attached to this Addendum No. 1. The requirements of traffic signal lens replacement have been revised.

2. Specifications - Job Specifics

a. Index Pages JS-i and JS-ii

Delete Index Pages JS-i and JS-ii in their entirety and replace with revised Index Pages JS-i (R-1) and JS-ii (R-1) attached to this Addendum No. 1. The index has been revised.

b. Page JS 48a

Insert new Page JS 48a attached to this Addendum No. 1. The job specific specification Warm Mix Additive has been added.

c. Page JS 58

Delete Page JS 58 in its entirety and replace with revised Page JS 58 (R-1), attached to this Addendum No. 1. The job specific specification price adjustments have been revised.

d. Page JS 110a

Insert new Page JS 110a attached to this Addendum No. 1. The job specific specification Relamp Traffic Signal Head Modules has been added.

**C. Distribution of Quantities**

1. Index Page 3

Delete Index Page 3 in its entirety and replace with revised Index Page 3 (R-1) attached to this Addendum No. 1. The index has been revised.

2. Page 65

Delete Page 65 in its entirety and replace with revised Page 65 (R-1), attached to this Addendum No. 1. Item Code T14.9902 has been added.

**D. Clarification**

1. Item Code 928.0800 Truck Mounted Attenuator with Truck Mounted Flashing Arrow Board

The minimum acceptable bid price for Item Code 928.0800 Truck Mounted Attenuator with Truck Mounted Flashing Arrow Board shown on Proposal Page P-1 has been revised to Six Hundred Twenty Five Dollars and No Cents (\$625.00) per PDAY. This price must be taken into account during bidding.

  
\_\_\_\_\_  
RI Department of Transportation  
Chief Engineer

STATE OF RHODE ISLAND



DEPARTMENT OF TRANSPORTATION

PLAN, PROFILE AND SECTIONS OF PROPOSED IMPROVEMENTS TO US ROUTE 1

SOUTH KINGSTOWN  
COUNTY OF WASHINGTON

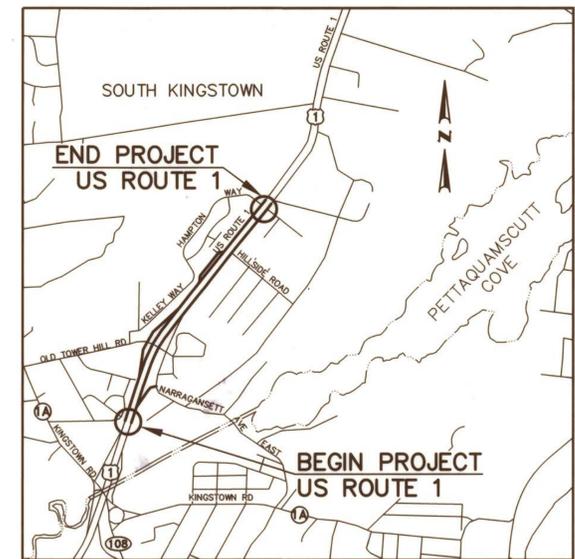
R.I. CONTRACT NO. 2015-CH-047 F.A. PROJECT NOS. NHS-0001(113), NHSG-0001(114)

PAVEMENT STRUCTURE

US ROUTE 1 - 1-1/2" FRICTION COURSE  
RAMPS - 1-1/2" FRICTION COURSE  
ACCESS ROAD - 2" CLASS 9.5 HMA  
0.976 MILES

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SHEET NO.	DESCRIPTION
1	COVER SHEET
2	KEY PLAN
3	STANDARD PLAN SYMBOLS AND STANDARD LEGEND
4	STANDARD NOTES - 1
5	STANDARD NOTES - 2
6	JOB SPECIFIC PLAN SYMBOLS, LEGEND AND NOTES
7	TYPICAL DETAILS
8-16	GENERAL PLANS 1-9
17-25	SIGNING AND STRIPING PLANS 1-9
26	TRAFFIC SIGNAL PLAN (TS #276)
27-29	SIGN PANEL DETAILS 1-3
30-34	MAINTENANCE AND PROTECTION OF TRAFFIC PLANS NO. 1-5
35-36	DETOUR PLANS 1-2
37	CCVE CAMERA LOCATION PLAN
38-39	CCVE CAMERA DETAILS 1-2



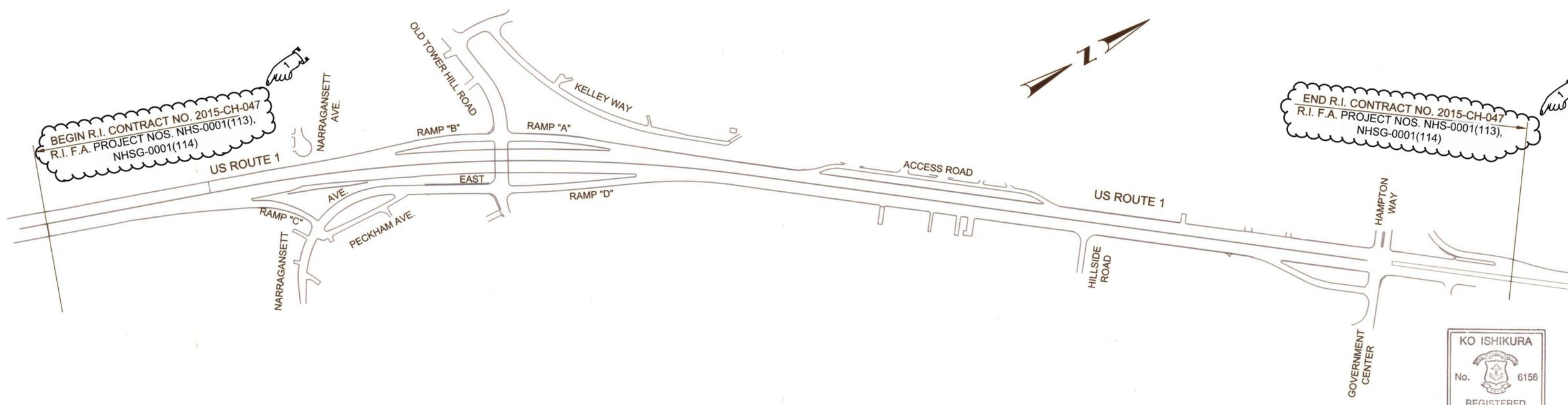
LOCATION MAP  
NOT TO SCALE

R.I. STANDARD SPECIFICATIONS AND STANDARD DETAILS  
SPECIFICATIONS TO GOVERN THIS PROJECT ARE THE R.I. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AMENDED AUGUST 2013, WITH ALL REVISIONS, AND THE STATE AND FEDERAL SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS. STANDARD DETAILS FOR THIS PROJECT ARE R.I. STANDARD DETAILS, 1998 EDITION, WITH ALL REVISIONS.

DESIGN	DESIGNATION
AADT	40,000 V.P.D.
D	0.55
K	0.08
T	0.03
DDHV	1,760
DHV	3,200
DESIGN SPEED	55 MPH
POSTED SPEED	50 MPH

HURRICANE EVACUATION ROUTE

This project includes work on a designated Hurricane Evacuation and Diversionary Route as follows:  
US Route 1 Northbound. Refer to General Note 18 on Sheet 4.



LAYOUT PLAN  
SCALE: 1"=200'

SCALES OF DRAWINGS

Plans	1 inch = 20 feet
Profiles	1 inch = 20 feet Horizontal
Profiles	1 inch = 4 feet Vertical
Cross Sections	1 inch = 4 feet Horizontal
Cross Sections	1 inch = 4 feet Vertical

BASE OF LEVELS  
N/A



Contract Number 2015-CH-047  
Number of Sheet 1  
Total Sheets 39

R.I. DEPARTMENT OF TRANSPORTATION

APPROVED *[Signature]* 3/26/15  
DEPUTY CHIEF ENGINEER DATE

APPROVED *[Signature]* 3/27/15  
CHIEF ENGINEER DATE

APPROVED *[Signature]* 3/27/15  
DIRECTOR DATE

DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED *[Signature]*  
DIVISION ADMINISTRATOR DATE

F:\Projects\2005\2520\2520.010 - Route 1 North of 108\dwg\Current Design\0173N\_V1\_001\_COVER.dwg Printed: 3/24/2015 3:13 PM

ADDENDUM NO. 1



The contractor shall be responsible for notifying the engineer at least one week in advance of the erection of the overhead signs/sign structures. The contractor shall be permitted to implement a rolling roadblock to close US Route 1 for a duration not to exceed fifteen (15) minutes to allow for the erection of the portions of the signs/sign structures which are directly over US Route 1.

#### **17. ADDITIONAL TRAFFIC SIGNAL LENS REPLACEMENT**

To provide consistency of traffic signals at intersections with jug handles along the US Route 1 corridor within South Kingstown, traffic signal lenses for the green northbound and southbound through movements along US Route 1 shall be replaced. The signal lenses shall be replaced with new LED Signal Lenses of the same diameter as the existing and shall be green through arrows. The Contractor shall remove and discard the existing signal lenses and install new LED signal lenses at the following locations:

- Route 1 at South County Commons Way (2 lenses for the northbound and 2 lenses for the southbound approaches)
- Route 1 at Ridge Road / Half Moon Trail (2 lenses for the northbound and 2 lenses for the southbound approaches)
- Route 1 north of Torrey Road (2 lenses for the northbound and 2 lenses for the southbound approaches)

The existing traffic signal timings and operations at these three locations shall be retained. Work to remove and dispose the existing signal lenses and to provide and install new lenses shall be paid under Item T14.9902 "Relamp Traffic Signal Head Modules".

#### **18. SPECIAL REQUIREMENTS FOR MICRO MILLING AND PAVING OPERATIONS**

The Contractor shall pave to the cut and match lines on side ramps simultaneously with the main line paving. Paving work required to be performed by hand methods shall be paid under Item Code 401.3003 Class 4.75 HMA for Patching.

No drainage structure or paved waterway shall be blocked by the new pavement overlay. The new pavement shall be graded towards the inlet opening and towards paved waterways or catch basins adjacent to the shoulder. This task shall be considered incidental to the pavement laying operation and there shall be no separate payment for this work.

The Contractor shall remove existing reflectorized delineators for the Ramp "A" and Ramp "C" pavement surface prior to micro milling. The cost of removal of existing delineators shall be considered incidental to the cost of micro milling.

The Contractor shall submit a paving schedule to the Engineer seven (7) days prior to the proposed paving start date.

The existing pavement surface will be micro milled with equipment designed specifically for grinding asphalt surfaces to close tolerances without tearing and gouging the surface.

All micro milled areas are to be paved within 10 calendar days after milling operations are complete.

**SPECIFICATIONS - JOB SPECIFIC  
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201.9901	Clean Paved Waterways	JS-10
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212.1000	Maintenance and Cleaning of Erosion and Pollution Controls	JS-15
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**JOB SPECIFIC**  
**R.I. CONTRACT NO. 2015-CH-047**

**CODE 414**  
**WARM MIX ADDITIVE**

**DESCRIPTION:** This work consists of incorporating a WMA (Warm Mix Additive) in HMA (Hot Mix Asphalt).

**MATERIALS:** One unit of WMA shall be added to each ton of HMA. All WMA shall be selected from the RIDOT Approved Materials List and shall be added at a dosage rate recommended by the manufacturer.

**CONSTRUCTION METHODS:** If the HMA is designated as “with WMA”, the Contractor shall use a WMA. If HMA is not designated as “with WMA”, the Contractor may request to use a WMA at his/her own discretion and cost. Additionally, the Engineer may direct the Contractor to use a WMA. If a WMA is used it shall be for an entire day’s production for that class of HMA.

**METHOD OF MEASUREMENT:** WMA will be measured by the number of units actually used in accordance with the specifications and/or as directed by the Engineer.

**BASIS OF PAYMENT:** The accepted quantity of the WMA will be paid for at its respective contract unit price per each as listed in the Proposal.

**JOB SPECIFIC  
R.I. CONTRACT NO. 2015-CH-047**

**CODE 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 Standard Specifications is \$565.00 per ton as of 4/1/2015.

\* 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 Standard Specifications is \$1.9274 per gallon as of 4/1/2015.

**JOB SPECIFIC  
R.I. CONTRACT NO. 2015-CH-047**

**CODE T14.9902  
RELAMP TRAFFIC SIGNAL HEAD MODULES**

**DESCRIPTION:** This item of work shall conform to the applicable sections of the Rhode Island Standard Specifications for Road and Bridge Construction, Amended August 2013 and all revisions, with the following additions.

This item shall consist of replacing existing circular green incandescent and LED traffic signal head module with straight through arrow LED traffic signal head modules in existing traffic signal head housings at the locations specified below.

- Route 1 at South County Commons Way (2 lenses for the northbound and 2 lenses for the southbound approaches)
- Route 1 at Ridge Road / Half Moon Trail (2 lenses for the northbound and 2 lenses for the southbound approaches)
- Route 1 north of Torrey Road (2 lenses for the northbound and 2 lenses for the southbound approaches)

**MATERIALS:** All material shall be in accordance with Subsection M.15 of the specifications.

**CONSTRUCTION METHODS:** Existing circular green incandescent and LED traffic signal head modules shall be replaced with straight-through green arrow LED traffic signal head modules in existing traffic signal head housings at locations called for on the plans.

**METHOD OF MEASUREMENT:** "RELAMP TRAFFIC SIGNAL HEAD MODULES" will be measured by the unit "EACH" for each module actually relamped in accordance with the plans and/or as directed by the Engineer.

**BASIS OF PAYMENT:** "RELAMP TRAFFIC SIGNAL HEAD MODULES" will be paid for at the contract unit price per "EACH" as listed in the Proposal. The price so-stated constitutes full and complete compensation for furnishing and installing all materials, tools, labor and equipment including the removal and disposal of the existing solid green signal head module and any rewiring required, the signal mounting hardware, wiring, lamps, furnishing and installing new LED modules, field adjustments and settings, modifying wiring in cabinets to accommodate changes in loading, removing and disposing existing signal head modules and all other incidentals required to finish the work, complete in place, and accepted by the Engineer. The traffic control required for this work shall be considered incidental to the Item 937.0200 Maintenance and Movement Protection of Traffic.

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Estimate Name - Addendum 1

R.I. Contract No. - 2015-CH-047

FAP Nos: NHS-0001(113), NHSG-0001(114)

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**Distribution of Quantities**

Project Name - Improvements to US Route 1 in South Kingstown

Estimate Name - Addendum 1

R.I. Contract No. - 2015-CH-047

FAP Nos: NHS-0001(113), NHSG-0001(114)

<b>Item No.</b>	<b>Item Code</b>	<b>Description</b>	<b>UM</b>	<b>Qty.</b>	<b>Pay Code</b>	<b>Seq. No.</b>
131	T20.2042 Cont.	STA 32+63 RT		5.00	0021	02
<b>Item T20.2042 Total:</b>				<b>9.00</b>		
132	T14.9902	<b>RELAMP TRAFFIC SIGNAL HEAD MODULES EACH</b>				
		US ROUTE 1				
		ROUTE 1 AT RIDGE ROAD / HALF MOON TRAIL		4.00	0021	02
		ROUTE 1 AT SOUTH COUNTY COMMONS WAY		4.00	0021	02
		ROUTE 1 NORTH OF TORREY ROAD		4.00	0021	02
<b>Item T14.9902 Total:</b>				<b>12.00</b>		