

November 25, 2015

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION
DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES BID NO. 7550008

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2015-CH-065

FEDERAL-AID PROJECT NO. FAP Nos: STP-RESF(297)

1R Improvements to Rt. 107

RI Route 100 to 250 Feet West of Union Avenue

CITY/TOWN OF Burrillville

COUNTY OF PROVIDENCE

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. Clarification

1. Pre-Bid Conference Sign In Sheet

Attached to this Addendum No. 2 is the Sign In Sheet for the Pre-Bid Conference held on November 12, 2015.

B. Specification Change/Addition

1. General Provisions - Contract Specific - Page CS-1

Delete Page CS-1 in its entirety and replace it with Page CS-1 (R-1) attached to this Addendum No.
2. The brief scope of work has been revised.

2. General Provisions - Contract Specific - Page CS-3

Delete Page CS-3 in its entirety and replace it with Page CS-3 (R-1) attached to this Addendum No.
2. The limits for the Harrisville Water Department and Pascoag Utility District have been revised and contact information for National Grid (Gas) has been added.

3. General Provisions - Contract Specific - Page CS-4

Delete Page CS-4 in its entirety and replace it with Page CS-4 (R-1) attached to this Addendum No.
2. Contact information has been added for Verizon, and limits have been added for Harrisville Water District and Pascoag Utility District.

4. General Provisions - Contract Specific - Page CS-6

Delete Page CS-6 in its entirety and replace it with Page CS-6 (R-1) attached to this Addendum No.
2. Paragraph 3.C.1 has been revised.

5. General Provisions - Contract Specific - Page CS-7
Delete Page CS-7 in its entirety and replace it with Page CS-7 (R-1) attached to this Addendum No. 2. Paragraph 4.E.2 has been revised.
6. General Provisions - Contract Specific - Page CS-8 and CS-8A
Delete Page CS-8 in its entirety and replace it with Page CS-8 (R-1) and insert new Page CS-8a attached to this Addendum No. 2. Section 4, Paragraph F and Section 6 have been revised.
7. General Provisions - Contract Specific - Page CS-11
Delete Page CS-11 in its entirety and replace it with Page CS-11 (R-1) attached to this Addendum No. 2. Section 15 has been revised.
8. Job-Specific Index
Delete Index Pages i and ii in their entirety and replace with Pages i (R-1) and ii (R-1) attached to this Addendum No. 2. 201.9902 has been revised, 804.9901 has been deleted, and new job-specific specifications have been added.
9. Page JS-6
Delete Page JS-6 in its entirety and replace it with Page JS-6 (R-1) attached to this Addendum No. 2. The Description has been revised.
10. Pages JS-9 and JS-10
Delete Pages JS-9 and JS-10 in their entirety and replace with Pages JS-9 (R-1) and JS-10 (R-1) attached to this Addendum No. 2. The Description, Construction Methods, and Basis of Payment have been revised.
11. Page JS-12
Delete Page JS-12 in its entirety and replace it with Page JS-12 (R-1) attached to this Addendum No. 2. The Description has been revised.
12. Pages JS 57 to JS 60
Delete Pages JS-57 to JS-60 in their entirety and replace with Pages JS-57 (R-1) to JS-60 (R-1) attached to this Addendum No. 2. The job specific specification for Item Code 804.9901 has been deleted.
13. Page JS-61
Delete Page JS-61 in its entirety and replace it with Page JS-61 (R-1) attached to this Addendum No. 2. The Description has been revised.
14. Page JS-75
Delete Page JS-75 in its entirety and replace it with Page JS-75 (R-1) attached to this Addendum No. 2. The price adjustments have been revised.
15. Page JS-81
Insert new Page JS-81 attached to this Addendum No. 2. Item Code 108.11 - Incentive and Disincentive has been added.
16. Page JS-82
Insert new Page JS-82 attached to this Addendum No. 2. Item Code 201.9906 - Disposal Fee for Soil Impacted by Hazardous Material has been added.

17. Page JS-83

Insert new Page JS-83 attached to this Addendum No. 2. Item Code 201.9907 - Remove and Stockpile Metal Sign Post has been added.

18. Pages JS-84 and JS-85

Insert new Pages JS-84 and JS-85 attached to this Addendum No. 2. Item Code 201.9908 - Remove, Stockpile, and Deliver Bronze Highway Bounds has been added.

19. Page JS-86

Insert new Page JS-86 attached to this Addendum No. 2. Item Code 808.0800 - Concrete Retaining Wall HP 3/4", Standard 10.3.0 Modified has been added.

20. Page JS-87

Insert new Page JS-87 attached to this Addendum No. 2. Item Code 915.9901 - Highway Bound Bronze, RI Standard 14.7 has been added.

C. Distribution of Quantities

1. Index

Delete Index Page 4 in its entirety and replace it with Page 4 (R-1) attached to this Addendum No. 2. The new item codes have been added.

2. Pages 1 and 2

Delete Pages 1 and 2 in their entirety and replace with Page 1 (R-1) and 2 (R-1) attached to this Addendum No. 2. The quantity for Item Code 201.0401 has been revised.

3. Pages 3 and 4

Delete Pages 3 and 4 in their entirety and replace with Pages 3 (R-1) and 4 (R-1) attached to this Addendum No. 2. The quantity for Item Code 201.0403 has been revised.

4. Pages 9 and 10

Delete Pages 9 and 10 in their entirety and replace with Pages 9 (R-1) and 10 (R-1) attached to this Addendum No. 2. The quantity for Item Code 201.0610 has been revised.

5. Page 17

Delete Page 17 in its entirety and replace it with Page 17 (R-1) attached to this Addendum No. 2. The quantities for Item Codes 401.2005 and 401.2100 have been revised.

6. Page 34

Delete Page 34 in its entirety and replace it with Page 34 (R-1) attached to this Addendum No. 2. Item Code 804.9901 has been deleted.

7. Pages 37 and 38

Delete Pages 37 and 38 in their entirety and replace with Pages 37 (R-1) and 38(R-1) attached to this Addendum No. 2. The quantity for Item Code 905.0110 has been revised.

8. Page 39

Delete Page 39 in its entirety and replace it with Page 39 (R-1) attached to this Addendum No. 2. The quantity for Item Code 905.0115 has been revised.

9. Pages 40 and 41
Delete Pages 40 and 41 in their entirety and replace with Pages 40 (R-1) and 41 (R-1) attached to this Addendum No. 2. The quantity for Item Code 906.0111 has been revised.
10. Pages 42 and 43
Delete Pages 42 and 43 in their entirety and replace with Pages 42 (R-1) and 43 (R-1) attached to this Addendum No. 2. The quantities for Item Codes 906.0119 and 906.0602 have been revised.
11. Page 49
Delete Page 49 in its entirety and replace it with Page 49 (R-1) attached to this Addendum No. 2. The quantity for Item Code 932.0110 has been revised.
12. Pages 50 and 52
Delete Pages 50 and 52 in their entirety and replace with Pages 50 (R-1) and 52 (R-1) attached to this Addendum No. 2. The quantities for Item Codes 932.0230 and 935.0400 have been revised.
13. Pages 58, 59 and 62
Delete Pages 58, 59 and 62 in their entirety and replace with Pages 58 (R-1), 59 (R-1) and 62 (R-1) attached to this Addendum No. 2. The quantity for Item Code T15.0100 has been revised.
14. Pages 63 and 64
Delete Pages 63 and 64 in their entirety and replace with Page 63 (R-1) and 64 (R-1) attached to this Addendum No. 2. The quantity for Item Code T15.2000 has been revised.
15. Pages 65 through 68
Delete Pages 65 through 68 in their entirety and replace with Pages 65 (R-1) through 68 (R-1) attached to this Addendum No. 2. The quantities for Item Codes T20.2006 and T20.2012 have been revised.
16. Page 69
Delete Page 69 in its entirety and replace it with Page 69 (R-1) attached to this Addendum No. 2. The quantities for Item Codes T20.2016 and T20.2019 have been revised and Item Codes 201.9906 and 201.9907 have been added.
17. Pages 70 to 72
Insert new Pages 70 to 72 attached to this Addendum No. 2. Item Codes 201.9908, 202.0201, 203.0100, 205.0270, 702.0810, 713.8300, and 915.9901 have been added.

D. Drawings/Plans - Change/Addition

1. SHEET NO. 5 - JOB SPECIFIC PLAN SYMBOLS, LEGEND AND NOTES NO. 1
Delete Sheet No. 5 - Job Specific Plan Symbols, Legend and Notes No. 1 in its entirety and replace it with Sheet No. 5 - Job Specific Plan Symbols, Legend and Notes No. 1 (R-1) attached to this Addendum No. 2. The Job Specific Legend has been revised and Job Specific General Note 19 has been added.
2. SHEET NO. 15 - GENERAL PLAN NO. 1
Delete Sheet No. 15 - General Plan No. 1 in its entirety and replace it with Sheet No. 15 - General Plan No.1 (R-1) attached to this Addendum No. 2. Sidewalk limits near Sayles Avenue have been rev

3. SHEET NO. 16 - GENERAL PLAN NO. 2
Delete Sheet No. 16 - General Plan No. 2 in its entirety and replace it with Sheet No. 16 - General Plan No. 2 (R-1) attached to this Addendum No. 2. Curb ramp locations have been revised.
4. SHEET NO. 22 - GENERAL PLAN NO. 8
Delete Sheet No. 22 - General Plan No. 8 in its entirety and replace it with Sheet No. 22 - General Plan No. 8 (R-1) attached to this Addendum No. 2. A portion of bituminous berm has been removed and replaced with grade to drain.
5. SHEET NO. 23 - SIGNING AND STRIPING NO. 1
Delete Sheet No. 23 - Signing and Striping No. 1 in its entirety and replace it with Sheet No. 23 - Signing and Striping No. 1 (R-1) attached to this Addendum No. 2. Sidewalk limits near Sayles Avenue have been revised, a driveway has been removed and signs have been deleted and added.
6. SHEET NO. 24 - SIGNING AND STRIPING NO. 2
Delete Sheet No. 24 - Signing and Striping No. 2 in its entirety and replace it with Sheet No. 24 - Signing and Striping No. 2 (R-1) attached to this Addendum No. 2. Curb ramps and sign locations have been revised.
7. SHEET NO. 25 - SIGNING AND STRIPING NO. 3
Delete Sheet No. 25 - Signing and Striping No. 3 in its entirety and replace it with Sheet No. 25 - Signing and Striping No. 3 (R-1) attached to this Addendum No. 2. The remove and stockpile metal sign post callout has been added.
8. SHEET NO. 31- DRAINAGE AND UTILITY NO. 1
Delete Sheet No. 31- Drainage and Utility No. 1 in its entirety and replace it with Sheet No. 31- Drainage and Utility No. 1 (R-1) attached to this Addendum No. 2. Callouts for gas gate adjustments have been added, sidewalk limits near Sayles Avenue have been revised, and a driveway has been removed.
9. SHEET NO. 32 - DRAINAGE AND UTILITY NO. 2
Delete Sheet No. 32 - Drainage and Utility No. 2 in its entirety and replace it with Sheet No. 32 - Drainage and Utility No. 2 (R-1) attached to this Addendum No. 2. Callouts for gas gate adjustments have been added and curb ramp locations have been revised.
10. SHEET NO. 33 - DRAINAGE AND UTILITY NO. 3
Delete Sheet No. 33 - Drainage and Utility No. 3 in its entirety and replace it with Sheet No. 33 - Drainage and Utility No. 3 (R-1) attached to this Addendum No. 2. The North Main Street road baseline and callouts for the gas gate adjustments have been added.
11. SHEET NO. 34 - DRAINAGE AND UTILITY NO. 4
Delete Sheet No. 34 - Drainage and Utility No. 4 in its entirety and replace it with Sheet No. 34 - Drainage and Utility No. 4 (R-1) attached to this Addendum No. 2. Callouts for the gas gate adjustments have been added. Item 4.6.1 has been added.
12. SHEET NO. 42 - WATER DIVERSION PLAN
Delete Sheet No. 42 - Water Diversion Plan in its entirety and replace it with Sheet No. 42 - Water Diversion Plan (R-1) attached to this Addendum No. 2. Note no. 7 has been added.

13. SHEET NO. 50 - GRADE PLAN NO. 1

Delete Sheet No. 50 - Grade Plan No. 1 in its entirety and replace it with Sheet No. 50 - Grade Plan No. 1 (R-1) attached to this Addendum No. 2. Sidewalk limits near Sayles Avenue have been revised, a driveway has been removed, and curb ramp (WCR4) and back of sidewalk grades have been revised.

14. SHEET NO. 51 - GRADE PLAN NO. 2

Delete Sheet No. 51 - Grade Plan No. 2 in its entirety and replace it with Sheet No. 51 - Grade Plan No. 2 (R-1) attached to this Addendum No. 2. Curb ramp locations have been revised.

15. SHEET NO. 52 - GRADE PLAN NO. 3

Delete Sheet No. 52 - Grade Plan No. 3 in its entirety and replace it with Sheet No. 52 - Grade Plan No. 3 (R-1) attached to this Addendum No. 2. The North Main Street road baseline has been added.

16. SHEET NO. 53 - GRADE PLAN NO. 4

Delete Sheet No. 53 - Grade Plan No. 4 in its entirety and replace it with Sheet No. 53 - Grade Plan No. 4 (R-1) attached to this Addendum No. 2. A curb ramp (WCR18) grade has been revised.

17. SHEET NO. 58 - LOCATION PLAN NO. 1

Delete Sheet No. 58 - Location Plan No. 1 in its entirety and replace it with Sheet No. 58 - Location Plan No. 1 (R-1) attached to this Addendum No. 2. Sidewalk limits near Sayles Avenue have been revised, a driveway has been removed and highway bounds have been revised/added.

18. SHEET NO. 59 - LOCATION PLAN NO. 2

Delete Sheet No. 59 - Location Plan No. 2 in its entirety and replace it with Sheet No. 59 - Location Plan No. 2 (R-1) attached to this Addendum No. 2. Curb ramp locations have been revised and highway bounds have been revised/added.

19. SHEET NO. 75 - CROSS SECTION SHEET NO. 2

Delete Sheet No. 75 - Cross Section Sheet No. 2 in its entirety and replace it with Sheet No. 75 - Cross Section Sheet No. 2 (R-1) attached to this Addendum No. 2. Back of sidewalk elevations have been revised.

20. SHEET NO. 76 - CROSS SECTION SHEET NO. 3

Delete Sheet No. 76 - Cross Section Sheet No. 3 in its entirety and replace it with Sheet No. 76 - Cross Section Sheet No. 3 (R-1) attached to this Addendum No. 2. A driveway has been removed.

21. SHEET NO. 77 - CROSS SECTION SHEET NO. 4

Delete Sheet No. 77 - Cross Section Sheet No. 4 in its entirety and replace it with Sheet No. 77 - Cross Section Sheet No. 4 (R-1) attached to this Addendum No. 2. Curb ramp locations have been revised.

22. SHEET NO. 111 - DETAILS SHEET NO. 2

Delete Sheet No. 111 - Details Sheet No. 2 in its entirety and replace it with Sheet No. 111 - Details Sheet No. 2 (R-1) attached to this Addendum No. 2. The concrete retaining wall (modified) detail has been added.

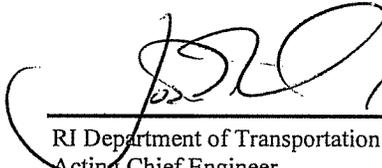
E. Proposal Addition/Deletion

1. Page P-1

Delete Page P-1 in its entirety and replace with Page P-1 (R-1) attached to this Addendum No. 2. An only acceptable bid for Item Code 201.9906 - Disposal Fee for Soil Impacted by Hazardous Material has been added.

2. Page P-24 (R-1)

Delete Page P-24 (R-1) in its entirety and replace with Page P-24 (R-2) attached to this Addendum No. 2. The date for Addendum No. 2 has been added.


11-25-15
RI Department of Transportation
Acting Chief Engineer
FWK

NON-MANDATORY PRE-BID CONFERENCE SIGN IN FORM

Bid Title: Improvements to Rte. 107

Bid Number: 7550008

Date: 11/12/2015

Purchasing Rep.: *Clay Mc Gurn*

Company Name

Name

Contact E Mail

Phone

1	GARY GARZONE			
2	RIDOT	GARY GARZONE		222-3260
3	D'Ambra Const.	Lee Taylor	ltaylor@d-ambra.com	737-1300
4	Michael RIDOT	Michael Savella	michael.savella@dot.ri.gov	222-2053 x 4080
5	RIDOT	GARY TELLA	GARY.TELLA@DOT.RI.GOV	641-6133
6	RIDOT	LUANNE NEVITT	luanne.Nevitt@DOT.RI.GOV	222-2023 x 4052
7	Verizon Engineering	Peter DeLosta	Peter.X.DeLosta@Verizon.com	(508) 884-4950
8	FOR VZ UC SYNERGETIC	THOMAS Blichartz	TBLICHARTZ@UCSENG.COM	508-337-7624
9	Bryant Associates	Lucretene Almeida	lalmeida@bryant-engrs.com	401-523-8346
10	Bryant Associah	Todd Brayton	tbrayton@bryant-engrs.com	401-534-1043
11	RIDOT	JEFF FRENDSBERG	jeffrey.friendsberg@dot.ri.gov	222-265A ext 4212
12	J.H. Lynch & Sons, Inc	Vongvibol Chan	sales@jhlynch.com	401-333-4300
13	RIDOT	Peter Healey	peter.healey@dot.ri.gov	401-222-2023 x 4039
14	RIDOT	Vin Palumbo	Vincent.Palumbo@dot.ri.gov	222-2023 x 4049
15				
16				

1. BRIEF SCOPE OF WORK

R.I. Federal Aid Project No. STP-RESF(297) and R.I. Contract No. 2015-CH-065 is for 1R Highway Improvements to Main Street (RI Route 107) in the Town of Burrillville, Rhode Island. The project limits are RI Route 100 to 250 feet west of Union Avenue. The total length of the project is approximately 0.86 miles. The work in this contract shall include, but not be limited to, removal of existing bituminous pavement and placement of new bituminous concrete surface and base courses; removal of existing sidewalk and concrete curb; installation of new concrete sidewalks and driveways, curb ramps, and detectable warning systems; installation of and/or resetting of granite curb; removal of two stone culverts and installation of two precast concrete culverts; reconstruction of retaining walls; relocation of utilities; minor safety improvements; drainage repairs; cured-in-place lining of drainage pipes; signing and striping, seeding, removal of potentially contaminated soils; guardrail replacement, and all other incidentals necessary to execute the work complete in-place and accepted within the limits of this contract to the satisfaction of the Engineer.

2. LIST OF CONTRACT DRAWINGS

<u>Sheet No.</u>	<u>Description</u>
1	Cover Sheet
2	Standard Plan Symbols & Standard Legend
3-4	Standard Notes Nos. 1-2
5-8	Job Specific Plan Symbols, Legend, and Notes Nos. 1-4
9-13	Typical Sections Nos. 1-5
14	Key Plan
15-22	General Plan Nos. 1-8
23-30	Signing and Striping Plan Nos. 1-8
31-38	Drainage and Utility Plan Nos. 1-8
39	Bridge No. 1243 Details
40	Culvert 1 Details
41	Precast Bridge and Culvert Details
42	Water Diversion Plan
43	Water Main Plan and Profile
44	Telephone Plan and Profile
45-49	Drainage Profile Nos. 1-5
50-57	Grade Plan Nos. 1-8
58-65	Location Plan Nos. 1-8
66-73	Profile Sheet Nos. 1-8
74-109	Cross Sections Sheet Nos. 1-36
110-112	Details Sheet Nos. 1-3
113-115	Maintenance and Protection of Traffic Plan Nos. 1-3
116	Detour Plan

- C. Mr. David Velilla
Utility Coordinator
Cox Communications
9 J.P. Murphy Highway
West Warwick, RI 02893
(401) 615-1284
- D. Mr. Paul R. Bisson
Water Department Superintendent
Harrisville Water District
115 Central Street
Harrisville, RI 02830
(401) 568-2224
Water – Sta. 66+45 to 1+15
- E. Mr. Michael Kirkwood
General Manager
Mr. Bill Guertin
Assistant General Manager of Operations
Pascoag Utility District
253 Pascoag Main Street
P.O. Box 107
Pascoag, RI 02859
(401) 568-6222
Electric – project wide; Water – Sta. 24+77 to 66+45
- F. Mr. Jeffrey M. McCormick
Director
Burrillville Public Works/Engineering Services
65 Union Avenue
Harrisville, RI 02830
(401) 568-4440
- G. Mr. John Defusco
Fire Chief
Pascoag Fire Department
105 Pascoag Main Street
Pascoag, RI 02859
(401) 568-4470
- H. Mr. John E. Martin III
Superintendent
Town of Burrillville
WasteWater Treatment Department
141 Clear River Drive
P.O. Box 71
Burrillville, RI 02830
(401) 568-6296
- I. Ms. Laeyeng Hunt, PE
Manager, NE Public Works
National Grid (Gas)
40 Sylvan Road
3rd Floor, West Wing
Waltham, MA 02451
(781) 907-2821

The following utility involvement is anticipated:

<u>Agency</u>	<u>Utility Working Time</u>
Verizon Comm. Inc.	20 working days (for conduit relocation at culverts)

The Contractor shall coordinate with Verizon for work associated with the conduit relocation at the reconstructed culverts. The Contractor shall contact Verizon a minimum of three (3) weeks prior to commencing any work in this area.

The contact persons for the Verizon work are:

Mr. Peter DeCosta (Verizon)	508-884-4950
Mr. Thomas Blicharz (UC Synergetic)	508-337-7624

Before adjusting any telephone manholes, the Contractor shall contact Verizon no less than 48 hours prior to commencement of the work. The adjustment of Verizon manholes shall only be conducted by the following Verizon approved contractor:

- A. Parkside Utility Construction
2229 Plainfield Pike
Johnston, RI 02919
(401) 944-1919

<u>Agency</u>	<u>Utility Working Time</u>
Harrisville Water District	0 working days (for water main relocation)

The Contractor shall coordinate with Harrisville Water District (HWD) for work associated with the water main (replacement or gates) from STA 66+45 to 1+15. The Contractor shall contact HWD a minimum of three (3) weeks prior to commencing any work in this area.

The contact person for the HWD work is:

Mr. Paul Bisson	401-568-2224
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<u>Agency</u>	<u>Utility Working Time</u>
Pascoag Utility District	0 working days

Before adjusting any water appurtenances from STA 24+77 to 66+45, the Contractor shall contact Pascoag Utility District (PUD) no less than 2 working days prior to commencement of the work to allow for PUD to inspect the work done on their facilities.

No night work will be allowed on this project without prior approval of the Engineer and the Town of Burrillville.

The fire station driveway at 105 Pascoag Main Street shall be constructed in multiple phases to maintain access for the fire apparatus. The Pascoag Fire Department shall be contacted no less than two working days prior to commencement of the work.

C. Special Construction Requirements.

1. The Contractor shall exercise care when excavating near existing walls foundations, fences or any other structure to avoid undermining or damaging what is to remain. The Contractor shall provide the Engineer with captioned photographs of any damage/defects present in the walls, foundations, fences, etc. prior to work commencing on or adjacent to the walls. All damage caused by the Contractor shall be repaired to the satisfaction of the Engineer at the Contractor's expense.
2. The Contractor shall provide the Engineer 72 hours notice of areas where parking will temporarily not be allowed. The Engineer is responsible to notify the abutters. The abutters shall be given 24 hours notice prior to the closing of the parking areas.
3. The working hours will be considered to be between the hours of 7 AM and 3:30 PM.
4. The Contractor shall utilize a static steel wheel roller for placement of the bituminous surface and base courses.

D. No additional payment will be made for material, equipment, labor or incidentals necessary to perform operations during inclement weather. Any additional costs associated with inclement weather work will be considered incidental to the respective item(s) for which costs are incurred.

E. Construction Phasing. The construction shall generally include four phases as follows:

1. Phase 1 shall include, but not be limited to, the work associated with the drainage improvements, including the replacement of pipes and structures and the installation of the cured-in-place pipe, and the intersections improvements at Bridgeway, North Main Street, and Elm Street. Traffic control shall consist of the typical setups as shown on the Maintenance and Protection of Traffic Plans, as applicable.

2. Phase 2 shall include, but not be limited to, the work associated with the removal and replacement of the two culverts, the water main replacement, and the telephone conduit relocation. Traffic control for this phase shall consist of a complete road closure and a detour for both directions of Route 107 as shown on the Detour Plan. Phase 2 shall be performed in accordance with the time frames indicated on the plans and can be performed concurrently with Phases 1 or 3. All water diversion and dewatering required for the construction of the culverts, the water main replacement, and the telephone conduit relocation shall be performed by the Contractor. In order to accomplish the relocation of the telephone conduit, the removal of culvert 1 (South) shall occur prior to the removal of culvert 2 (North). Once the portion of culvert 1 (South) above the telephone conduit is removed, the Contractor for Verizon will remove the telephone cables from the existing encasement at this location and suspend them above the work area to allow for the remaining work of the removal of the existing culvert and installation of the new culvert. The telephone cables will then be re-installed above the culvert, as shown the Plans. For culvert 2 (North), the Contractor for Verizon will remove the telephone cables from the existing encasement at this location and suspend them above the work area prior to removal of the culvert. The Contractor shall sequence his work such that access to the driveways between the two culverts from either direction is maintained at all times.
 3. Phase 3 shall include, but not be limited to, the work associated with the replacement and resetting of curbing and the replacement of sidewalk. Traffic control shall consist of the typical setups as shown on the Maintenance and Protection of Traffic Plans, as applicable.
 4. Phase 4 shall include, but not be limited to, the removal of the existing pavement and the placement of new pavement and pavement markings. Traffic control shall consist of the typical setups as shown on the Maintenance and Protection of Traffic Plans, as applicable.
- F. The Contractor should note that the existing granite curb to be reset under Item Code 906.0700 'Remove, Handle, Haul Trim and Reset Curb-Edging, Straight, Circular, All Types' (RHH), should be reset sequentially in the order that it currently exists, with the exception of the existing curb to be removed from station 1000+21± to station 1000+93±, left, which could be installed from station 38+55± to station 39+01±, left, and from station 39+23± to station 38+78±, right, and the existing curb to be removed from station 41+84± to station 42+29±, right, which could be installed from station 41+61± to station 41+95±, right, and from station 42+60± to station 42+74±, right, as shown on the plans. The existing granite curb is 6" wide from the beginning of the project to station 34+12± and then it changes to 7" wide historic curbing. All existing curb to be removed can be reused in other locations within the project, as directed by

the Engineer. The curbing may not meet present standards, therefore significant trimming may be required. If it is necessary to trim the corners to facilitate installation, the Contractor shall score the curbing at least 1-inch deep on both sides with a masonry saw before attempting to break it. "Hammering down" of any granite curb during installation will not be allowed. If significant trimming is necessary, it will be considered incidental to the RHH item.

Within runs of existing 7" wide historic curbing, if there is insufficient quantities of historic curbing to complete a run, or if there is a need for radius curbing on a run of historic curbing, the new curbing needed should be the 7" wide granite curb. The Contractor shall group the existing 7" wide historic curbing together when resetting the curb and shall use the natural interruptions in runs of curbing, such as at intersections and driveways, etc. to install the new 7" wide granite curb, as directed by the Engineer.

The curbing at STA 66+32 – 66+51 LT called out to be removed and disposed shall be salvaged after removal and shall remain the property of the abutting property owner. The cost of salvage the curb shall be considered incidental to the Remove and Dispose pay item.

Within the pavement structure over Culvert 1 (South), there are steel plates that were placed by the RIDOT Maintenance Division. The steel plates shall remain the property of the RIDOT Maintenance Division. The Contractor shall contact the Maintenance Division – Gloucester Facility (401-568-5373) no less than 3 business days prior to the pavement removal over the culvert, and shall allow the Maintenance Facility to retrieve the plates after they are exposed. Either of the following shall be contacted:

Christine Giammarco – facility phone number or (401) 641-8422 or
Randy Brackett – facility phone number or (401) 641-5760

5. CONTRACTOR'S RESPONSIBILITY FOR DAMAGED STORM DRAINS

The Contractor shall use care when working within or in the vicinity of existing drainage structures. Any drainage structures, pipe, or culverts damaged during the disposing of, cleaning of, installation of, or while making repairs to drainage structures, pipes, or culverts or while carrying out any other work on this contract shall be the Contractor's responsibility. Any pipe/culvert damaged by the Contractor while carrying out this contract shall be replaced or repaired by the Contractor to the satisfaction of the Engineer at no additional cost to the State.

6. COORDINATION WITH OTHER CONTRACTORS

The Contractor is advised that other construction will be taking place in the area, and it will be the responsibility of the Contractor to coordinate their work so that it will be completed in a timely manner. The following projects will be ongoing during portions of the life of this contract:

- A. Replacement of Shippee Bridge #307, RI Contract 2014-CB-072
- B. The Town of Burrillville is planning a project that includes building demolition and replacement from STA 26+30 to 27+50 LT and STA 26+55 to 27+75 RT. It is anticipated that their project will be ongoing at the same time.

The Contractor shall also coordinate their work with any other active projects that are not listed above.

7. MAINTENANCE OF PUBLIC ACCESS

The Contractor, at his own expense, shall keep the streets, highways, roads, private walks, and sidewalks in which he may work passable for both vehicular and pedestrian traffic by means of secured access around the point and place of construction. No separate payments will be made for this work, it shall be

duration) in order for the Engineer to determine if police details are appropriate and to obtain their services. The Contractor will not be required to bid, or be compensated for, the services of the police.

14. **BLASTING RESTRICTIONS**

No blasting shall be allowed on this project.

15. **PRODUCT SUBMITTALS**

The Contractor's attention is called to the following list of submittals for various pay items. The Contractor shall study the plans and specifications for the submittal requirements. Every attempt has been made to make the following list as complete as possible. The Contractor shall refer to **Section 105.02** of the State of Rhode Island Procurement Regulations, with all amendments, for submission requirements to the Engineer and the Prime Engineering Design Consultant and Engineering Subconsultants. It is the Contractor's responsibility to ensure that all submittals are made in a timely manner even if they are not shown in the list below. No extra payment will be made, nor will any extension be made to the contract completion date for making required submittals.

<u>Item No.</u>	<u>Description</u>
201.9901	Remove and Dispose Existing Culverts (North and South)
201.9902	
201.9908	Remove, Stockpile, and Deliver Bronze Highway Bounds
203.9901	Water Diversion (North and South)
203.9902	
209.9901	Inlet Sediment Control (Certificate of Compliance)
700.	Water Mains and Appurtenances
701.9901	Cured In Place Pipe (CIPP)
701.9902	CCTV Inspection
701.9903	Pipeline Cleaning
714.8163	Post Type Hydrant
808.0800	Concrete Retaining Wall Class HP ¾", RI Std. 10.3.0
809.9901	Precast Concrete Culvert and Appurtenances (North and South)
809.9902	
905.9901	Remove, Stockpile, and Deliver Plaques
915.9901	Highway Bound Bronze, RI Std. 14.7
T.15.0100	Traffic Signs
T.15.1000	Street Sign Assembly, RI Std. 24.6.1
T.15.2000	Parking Signs

16. **SPECIALTY ITEMS**

The following items are hereby designated as "Specialty Items":

- Pavement Markings
- Seeding
- Traffic, Parking, and Street Signs

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JOB SPECIFIC

201.9901 - REMOVE AND DISPOSE EXISTING CULVERT (North)

201.9902 - REMOVE AND DISPOSE EXISTING CULVERT (South)

DESCRIPTION: The work shall consist of the complete removal, in phases if applicable, of two (2) existing stone box culverts (North - Culvert 2 and South - Culvert 1), stone wingwalls and headwalls, adjacent walls, concrete, asphalt pavement, debris, excess excavation, and any other waste as shown on plans and described in this Special Provision. This item shall also include the careful removal and stockpiling of selected stones from the existing culverts / wingwalls and existing channel bed material as approved by the Engineer.

The work under this item shall also consist of the complete removal and disposal of the existing water main embedded in the stone box culverts.

All work shall be performed in accordance with applicable provisions of the RIDOT Standard Specifications for Road and Bridge Construction, Amended August 2013, with all revisions, except as modified herein and as required by the Engineer.

CONSTRUCTION METHODS:

The work to be performed under these items shall be carried out in accordance with the Rhode Island Department of Environmental Management (RIDEM) Freshwater Regulations, Water Quality Regulations, and the United States Army Corps of Engineers (USACOE) Programmatic General Permit.

The Contractor shall carefully remove the existing culvert capstones and Bradley head/ granite drainage cover using approved straps. The Bradley head/ granite drainage cover is located at station 42+37, right. The Engineer and RIDOT Historic Preservation Specialist will select which stones will be salvaged. Only those stones selected for permanent, off-site stockpiling shall be loaded onto a truck or trailer in a manner that will not result in damage to the stones, transported to the permanent stockpile area, carefully unloaded and placed in an organized manner in low stacks not more than four stones high. The stockpile is located adjacent to Pawtucket Avenue, East Providence, RI (directly behind the Stop & Shop in the Wampanoag Plaza on Route 44). The Contractor shall coordinate with the Historic Preservation Specialist for gaining access to the stockpile area.

It is anticipated that additional stones will be required to supplement quantities of usable stones found in the existing stone walls to be reconstructed in front of house Nos. 285 and 480 Pascoag Main Street. The requisite supplemental stones shall be obtained from the culvert walls, headwalls and/or return walls. Stones approximately matching the general shape (roughly squared), color and size distribution of the existing usable stones in the walls shall be selected from the stones removed from the culverts and adjoining walls. The Historic Preservation Specialist will assist the Contractor in establishing general parameters for the selection of acceptable stones. The Contractor needs only to stockpile enough stones to provide an adequate selection of usable stones to complete the reconstruction of the designated walls.

**JOB SPECIFIC
CODE 201.9903**

REMOVE AND DISPOSE OF SOIL IMPACTED BY HAZARDOUS MATERIAL

DESCRIPTION: This work consists of the handling, removal, stockpiling, management, 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.

CONSTRUCTION SOIL MANAGEMENT PLAN: The Contractor shall comply with the Construction Soil Management Plan included in Appendix H of the General Provisions - Contract Specific.

HEALTH AND SAFETY: The Contractor shall comply with all Occupational Safety and Health Administration (OSHA) standards set forth in 29 CFR 1910.120 and any site-specific health and safety requirements established for this project. 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 Environmental Consultant prior to the commencement of work; if found unsatisfactory, it shall be changed to Engineer's and Environmental Consultant's specifications and approval. 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 shall notify the Environmental Consultant 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 Environmental Consultant. Upon excavation, Contractor shall segregate material demonstrated or suspected to be impacted and stockpile it at an on-site location until it can be sampled by the Environmental Consultant for laboratory analysis.

The Environmental Consultant will perform characterization on material designated for possible off-site disposal and provide the analytical results to the Contractor so he 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 Environmental Consultant will identify which material should be segregated for offsite disposal per the Construction Soil Management Plan. 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 take all precautions necessary to avoid transport of the material through erosion or wind entrainment. This shall include, but not necessarily be limited to, stockpiling material on two layers of 6 mil polyethylene sheeting, covering stockpiled material with a layer of 6 mil polyethylene sheeting, and surrounding stockpiles with haybales or silt fence. Stockpile areas shall be selected by the Contractor and shall be subject to approval of the Engineer. Stockpiles and any associated erosion controls shall be inspected daily and restored as necessary to control dust and erosion.

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 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.

JOB SPECIFIC

203.9901 - WATER DIVERSION (North)

203.9902 - WATER DIVERSION (South)

DESCRIPTION: The work shall consist of design, construction, installation, maintenance, and removal of all channel diversion structures, pumps, pipes, energy dissipators, and other similar work, including dewatering, required to allow the excavation and protection of the construction of two culverts (North - Culvert 2 and South - Culvert 1) and other structural units, and utilities, as shown on the Plans and described in this Special Provision. All work shall be performed in accordance with the RIDOT Standard Specifications for Road and Bridge Construction, Amended August 2013, with all revisions, except as modified herein and as required by the Engineer.

This special provision provides for the water diversion to construct two precast concrete open bottom culverts with headwalls, wingwalls, culvert footings, wingwall footings, the relocated telephone duct bank, and water main and neither amends nor modifies other provisions of **Section 203** of the RIDOT Standard Specifications for Road and Bridge Construction, Amended August 2013, with all revisions, except as specified below.

MATERIALS: All materials to be used in the construction of this work shall be subject to inspection and approval prior to their incorporation for construction of the structures.

The Contractor shall provide all equipment and materials necessary for water diversion and dewatering. The Contractor shall have on hand, at all times, sufficient pumping and other equipment and machinery in good working condition and shall have available, at all times, competent workers for the operation of the pumping equipment. The number and size of pumps used varies depending on the water level present when the work is being conducted.

The Contractor shall have adequate standby equipment available to ensure efficient operation and maintenance of diversions during times when additional flows occur after a storm event and power failures. The Contractor shall take all measures necessary to prevent damage to the culvert and utility work in progress and to prevent erosion of the streambed.

CONSTRUCTION METHODS: The work to be performed under these items shall be carried out in accordance with the Rhode Island Department of Environmental Management (RIDEM) Freshwater Regulations, Water Quality Regulations, and the United States Army Corps of Engineers (USACOE) Programmatic General Permit.

Cofferdams and water diversion structures shall be constructed so as to protect the structures and excavation against water flow of the stream and to prevent damage to the culvert units and footings by erosion. The Contractor shall submit drawings and calculations for approval showing materials to be used, proposed method of construction, and other details left open to choice or not fully shown on the Plans.

Complete construction in accordance with the standard specifications and as approved by the Engineer. Construct temporary bypass channels lined with riprap or other means approved by the Engineer to stabilize the excavated channel at each end of the temporary bypass structure. Install an impervious

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JOB SPECIFIC

809.9901 - PRECAST CONCRETE CULVERT AND APPURTENANCES (North)

809.9902 - PRECAST CONCRETE CULVERT AND APPURTENANCES (South)

DESCRIPTION: The work shall consist of designing, detailing, furnishing and installing two precast concrete box culverts (North - Culvert 2 and South - Culvert 1) and various appurtenances required at a location of the types, length and sizes indicated on the Plans and in close conformity with the lines and grades shown on the Plans or as required by the Engineer. Appurtenances include, but are not limited to, headwalls, wingwalls, cutoff walls, footings, wingwall footings, connections to attach and/or support stone facing, and weep holes including fill and filter fabric, as shown on the Plans or as detailed in this special provision.

Also included under these items shall consist of salvaging, stockpiling and placing natural channel bed fill (on-site material) or the furnishing, hauling, and placing similar natural channel bed fill (off-site material) in accordance with the notes and details on the Plans, this Special Provisions, and as directed by the Engineer.

This special provision provides for two precast concrete three sided culverts with headwalls, wingwalls, toe walls/cutoff walls, wingwall footings, and appurtenances and neither amends nor modifies other provisions of **Section 809** of the RIDOT Standard Specifications for Road and Bridge Construction, Amended August 2013, with all revisions, except as specified below.

All precast units shall be manufactured in accordance with the applicable requirements of **Section 809** of the RIDOT Standard Specifications for Road and Bridge Construction, Amended August 2013, with all revisions, the Plans, and this special provision. Where the Plans and specifications do not provide specific requirements, the manufacturer's recommendations shall be followed.

MATERIALS:

1. Concrete: All material components shall conform to **Section 601** of the RIDOT Standard Specifications for Road and Bridge Construction, Amended August 2013, with all revisions. The minimum compressive strength shall be 5,000 psi before the precast section is removed from the forms.
2. Steel Reinforcement: Reinforcing steel shall conform to the applicable requirements of **Section 810** of the RIDOT Standard Specifications for Road and Bridge Construction, Amended August 2013. All reinforcing steel shall be galvanized.
3. Non-Shrink Grout: Minimum compressive strength of 5,000 psi at 28 days to be selected from the RIDOT approved materials list.

**JOB SPECIFIC
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 RIDOT Standard Specifications for Road and Bridge Construction, Amended August 2013, with all revisions, is \$397.50 per ton as of November 2, 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 RIDOT Standard Specifications for Road and Bridge Construction, Amended August 2013, with all revisions, is \$1.6562 per gallon as of November 2, 2015.

JOB SPECIFIC

108.11 - INCENTIVE AND DISINCENTIVE

DESCRIPTION. The payment provisions set forth elsewhere in the Contract are supplemented by the terms of this Special Provision.

INTERIM COMPLETION DATE. A monetary incentive or disincentive will be applied to the following Interim Completion Date according to the terms herein:

Interim Completion Date – September 19, 2016 “Removal of Roadway Detour”: The roadway detour for work associated with the culvert replacements shall be defined as the calendar days between the installation and removal of the detour. The detour shall be installed prior to any work commencing on the culverts, including the installation of water diversions. The detour shall not be removed until all non-pavement work between Station 66+00 and 2+33 has been completed and the bituminous base course has been satisfactorily placed within the same limits.

INCENTIVE AND DISINCENTIVE ASSESSMENT. Incentive (positive assessment): For each calendar day that the defined work is completed prior to the Interim Completion Date, an incentive equal to the sum of **\$10,000 per calendar day** will be added to monies due the Contractor. This incentive will be calculated from the Interim Completion Date up to the actual completion time of the defined work.

Disincentive (negative assessment): Correspondingly, for each calendar day that the defined work remains incomplete after the Interim Completion Date, a disincentive equal to the sum of \$10,000 per calendar day will be deducted from any monies due the Contractor. This disincentive will be calculated from the Interim Completion Date up to the actual completion time of the defined work. The disincentive amount is assessed not as a penalty but as liquidated and ascertained damages based upon a percentage of road user costs for each calendar day that the traffic is detoured. The Contractor should assume that disincentive assessments would commence at the specified Interim Completion Date.

In no case shall the incentive be greater than \$200,000 (20 calendar days) for the removal of the roadway detour. There will be no limit to the disincentive for this contract.

For purposes of determining whether the Contractor shall receive an Incentive Payment, the dates and times set forth in this specification will not be adjusted under any circumstance for any reason, cause, or circumstance whatsoever, regardless of fault. Should the Contractor be delayed in the commencement, prosecution, or completion of the work during the roadway detour for any reason, there shall be no revision of the Incentive Assessment calculation date and time for work outside the roadway detour duration in the Contract. Failure of the Contractor to complete the required work within the roadway detour duration shall release and discharge the State, the Department, and all of its officers, agents, and employees from all claims and demands for the payment of any incentive amount or damages arising from the refusal to pay any incentive amount.

A calendar day is defined as every day on the calendar starting at 12:00 midnight and ending at the following 12:00 midnight, twenty-four hours later. No payment will be paid or deducted for any calendar day less than twenty-four hours.

JOB SPECIFIC

201.9906 - DISPOSAL FEE FOR SOIL IMPACTED BY HAZARDOUS MATERIAL

DESCRIPTION. This item of work consists of the disposal fee, also known as tipping fee, from a licensed disposal facility for the disposal of soil impacted by hazardous material.

APPLICABLE LAWS AND REGULATIONS. The contaminated or hazardous soil shall be conducted in accordance with the United States Environmental Protection Agency (EPA) and RI Department of Environmental Management (RIDEM) regulations, in addition to the Construction Soil Management Plan included in these Contract Documents.

SUBMITTALS. The Contractor shall submit copies of the disposal facility's license verifying that the disposal facility will accept the particular contaminated or hazardous soil.

METHOD OF MEASUREMENT. "Disposal Fee for Soil Impacted by Hazardous Material" will be measured for payment by the actual disposal fee cost, verified by the weight slips and itemized bills of lading from a licensed disposal facility for the disposal of contaminated and/or hazardous soil. The total number of EACH units shall be equal to the actual fee cost, ie, one unit EACH is equal to one dollar of disposal fee cost.

BASIS OF PAYMENT. "Disposal Fee for Soil Impacted by Hazardous Material" estimated dollar figure is established by the Department at 18,000 units at \$1.00/EACH and is inserted in the proposal as an authorized amount from which payments will be drawn on a force account basis in accordance with Subsection 109.04 of the Standard Specifications. The price so stated shall constitute full compensation for the disposal (tipping) fee only.

This Item does not include any labor costs, transportation fees, taxes or any other costs associated with the hauling of the contaminated or hazardous soil. It also does not include the cost for any work performed in order to comply with disposal facility's requirements for acceptance. The costs or fees associated with the hauling and/or acceptance requirements are considered incidental and included in the cost for Item Code 201.9903.

JOB SPECIFIC

201.9907 - REMOVE AND STOCKPILE METAL SIGN POST

DESCRIPTION. This work shall consist of removing and stockpiling a metal sign post as directed by the Engineer in accordance with Section 201 of the RIDOT Standard Specifications for Road and Bridge Construction, amended August 2013, with all addenda at the locations indicated on the plans.

CONSTRUCTION METHODS. The sign post shall be removed prior to work commencing on the retaining wall replacement at 199 Main Street. Care shall be taken so that the sign post is not damaged during removal and stockpiling. The metal sign post will remain the property of the owner. Immediately after removal, the Contractor shall carefully place the sign post on the owner's property outside the limit of disturbance for the retaining wall replacement.

The Contractor shall contact the owner, Richard Corey, at 568-8197, at least 72 hours prior to the removal. The Contractor shall verify that the existing electrical service to the sign post has been disconnected by the owner prior to removal.

METHOD OF MEASUREMENT. "Remove and Stockpile Metal Sign Post" will be measured for payment by "Each" sign post actually removed and stockpiled in accordance with these specifications and/or as directed by the Engineer.

BASIS OF PAYMENT. The accepted quantity of "Remove and Stockpile Metal Sign Post" will be paid for at the contract unit bid price per "Each" as listed in the Proposal. The price so-stated constitutes full and complete compensation for all labor, materials and equipment including removal and stockpiling of the metal sign post, and all other incidentals required to finish the work complete and accepted by the Engineer.

JOB SPECIFIC

201.9908 - REMOVE, STOCKPILE, AND DELIVER BRONZE HIGHWAY BOUNDS

DESCRIPTION. The work carried out under this item includes removing all existing bronze Highway Bounds embedded in the existing concrete sidewalk, separating the bounds from the concrete in which they are embedded, stockpiling the bounds in a secure area approved by the Engineer and delivering the bounds to the RIDOT Manager of Survey Operations all as described herein or as directed by the Engineer.

MATERIALS. Work involved in the salvaging of the bounds shall be conducted using a saw that is capable of cutting completely through all concrete and reinforcing (if present) that surrounds the bounds. The saw blades should be of a type and condition to cut cleanly through the concrete and steel without causing damage to the bounds.

CONSTRUCTION METHODS. Prior to beginning work, the Contractor shall submit a written description of the methods and tools he intends to use to remove the bounds from the sidewalk and to separate them from the concrete. The Engineer, in consultation with the RIDOT Manager of Survey Operations will review the Contractor's submittal before removal of the bounds may commence. The Contractor shall not proceed with removal of the bounds until approval is received.

The RIDOT Manager of Survey Operations (401-222-2023, Ext. 4350) shall be notified by the Contractor three (3) business days prior to commencing the work and shall be given the opportunity to be present during the removal of the bounds.

The bounds are to be removed by saw cutting out a block of the existing concrete with the bounds remaining embedded. The Contractor shall carefully saw cut the concrete around each bound no closer than three (3) inches from the bound edge. Special care shall be taken to protect against nicking, breaking, scratching, bending or otherwise damaging the bounds. The Contractor shall then separate the bound from the concrete block in a manner that will not damage the bound.

The bounds shall be securely packaged to prevent damage during transport and storage. Once the bounds are removed and separated from the concrete, the bounds shall be wrapped in newspaper and packed into strong cardboard or wooden boxes. The bounds shall be stockpiled in a secure location approved by the Engineer. When all bounds have been stockpiled, they are to be delivered to:

Michael Gaston, PLS
Manager of Survey Operations
RI Department of Transportation
2 Capitol Hill, Basement Room 016
Providence, RI 02903

METHOD OF MEASUREMENT. “Remove, Stockpile and Deliver Bronze Highway Bounds” will be measured for payment for “Each” unit actually removed, stockpiled, and delivered as described above, in accordance with the Plans and/or as directed by the Engineer.

BASIS OF PAYMENT. “Remove, Stockpile and Deliver Bronze Highway Bounds” will be paid for at the contract unit price per “Each” unit removed, separated from the concrete, stockpiled and delivered as listed in the Proposal. The price so-stated constitutes full and complete compensation for all labor, tools and equipment, materials, saw cutting, packing of salvaged bounds, stockpiling at a secure location, delivery of bounds to the RI Department of Transportation’s main office, legal disposal of all concrete materials associated with this item, and for all other incidentals required to finish the work, complete and accepted by the Engineer.

Failure to deliver the undamaged bounds to the location previously stated in this specification will result in a penalty of \$5,000.00 (five thousand dollars) per bound.

**JOB SPECIFIC
CODE 808.0800**

CONCRETE RETAINING WALL HP ¾", STANDARD 10.3.0 MODIFIED

Revise **Section 808 – Cast-in-Place Structure Concrete**, pages 8-68 and 8-69 of the RIDOT Standard Specifications for Road and Bridge Construction, Amended August 2013, as follows:

Revise Subsection 808.04.4 Concrete Finishes as follows:

“Rubbed Finish”, “Bushhammered, or Sand Blasted Finish”, float finish and concrete deck or wearing surface finish will not be measured for payment.

Revise the second sentence of Subsection 808.05.1 Structure Concrete Masonry as follows:

The prices so-stated constitute full and complete compensation for all labor, materials and equipment, concrete finishing, wall cap, formwork for panel treatment and integral cap, and all other incidentals required to finish the work, complete and accepted by the Engineer.

Delete Subsection 808.05.4 Concrete Finishes

JOB SPECIFIC

915.9901 - HIGHWAY BOUND BRONZE, RI STANDARD 14.7

This job specific specification for this item of work shall follow the standard specification described in **Section 915 – Highway Bounds** of the RIDOT Standard Specifications for Road and Bridge Construction, Amended August 2013, with all revisions, except as modified herein:

Add the following to paragraph to Subsection 915.03 CONSTRUCTION METHODS as follows:

All survey field books and electronic data shall be submitted to the RIDOT Survey Section upon completion of the construction work, but no later than substantial completion. Field books shall include a listing of all RI Highway Bounds that were set with stations, offsets, coordinates and date set certified by the Contractor's Professional Land Surveyor.

Revise the second sentence of Subsection 915.05 BASIS OF PAYMENT as follows:

The prices so-stated constitute full and complete compensation for all labor, materials and equipment, including field books, certification, and all other incidentals required to finish the work, complete and accepted by the Engineer.

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203.0100	STRUCTURAL EXCAVATION EARTH	70
205.0270	TRENCH ROCK EXCAVATION-MECHANICAL (0-7')	70
702.0810	CONCRETE COVER SHALLOW 5'-0" ROUND MANHOLES STANDARD 4.6.1	70
713.8300	ADJUST GAS GATE BOXES TO GRADE	70
915.9901	HIGHWAY BOUND BRONZE, RI STANDARD 14.7	71

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

<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>
001	201.0321	CLEARING AND GRUBBING	SY			
		DRAINAGE AND UTILITY PLAN NO.4				
		41+69 - 41+71 R		16.00	0004	01
		GENERAL PLAN NO. 2				
		29+25 - 29+42 L		13.00	0004	01
		GENERAL PLAN NO. 8				
		00+52 - 00+96 L		102.00	0004	01
		00+74 - 01+14 R		104.00	0004	01
		66+27 - 66+78 R		198.00	0004	01
Item 201.0321 Total:				433.00		
002	201.0401	REMOVE AND DISPOSE GRANITE CURB	LF			
		GENERAL PLAN NO. 1				
		24+83 R - 24+97 R		15.00	0004	01
		24+85 - 24+97 L		13.00	0004	01
		26+33 R - 26+35 R		2.00	0004	01
		26+55 R - 26+66 R		15.00	0004	01
		27+71 R		3.00	0004	01
		27+88 R		3.00	0004	01
		GENERAL PLAN NO. 2				
		29+33 R - 29+42 R		18.00	0004	01
		29+66 L - 29+88 L		26.00	0004	01
		29+68 R - 29+69 R		31.00	0004	01
		30+78 R		3.00	0004	01
		30+89 R		3.00	0004	01
		31+05 R		3.00	0004	01
		31+07 L		3.00	0004	01
		31+42 L		3.00	0004	01
		31+72 R		3.00	0004	01
		32+19 R		3.00	0004	01
		32+30 R		3.00	0004	01
		32+33 L		3.00	0004	01
		32+65 L		3.00	0004	01
		33+05 L		3.00	0004	01

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
002	201.0401 Cont.	33+35 L		3.00	0004	01
		33+51 L		3.00	0004	01
		33+78 L		3.00	0004	01
		33+96 R		3.00	0004	01
		34+12 L		3.00	0004	01
		GENERAL PLAN NO. 3				
		1000+21 L		3.00	0004	01
		1001+73 L - 1001+83 L		9.00	0004	01
		35+61 L - 37+09 L		148.00	0004	01
		35+66 R - 35+71 R		9.00	0004	01
		35+93 R - 36+02 R		10.00	0004	01
		37+06 R		3.00	0004	01
		37+25 R		3.00	0004	01
		37+41 L - 37+49 L		9.00	0004	01
		37+62 L - 37+66 L		5.00	0004	01
		38+00 L		3.00	0004	01
		38+11 L - 38+18 L		9.00	0004	01
		38+52 R		3.00	0004	01
		38+79 R		3.00	0004	01
		40+16 R		3.00	0004	01
		40+31 R - 40+41		12.00	0004	01
		40+73 R - 40+80 R		8.00	0004	01
		GENERAL PLAN NO. 4				
		41+31 R - 41+83 R		59.00	0004	01
				Item 201.0401 Total: 473.00		
003	201.0402	REMOVE AND DISPOSE CONCRETE CURB	LF			
		GENERAL PLAN NO. 1				
		26+34 - 26+34 R		8.00	0004	01
		GENERAL PLAN NO. 2				
		29+67 - 29+67 R		4.00	0004	01
		GENERAL PLAN NO. 4				
		44+23 - 45+10 R		88.00	0004	01

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
003	201.0402 Cont.	GENERAL PLAN NO. 8				
		66+32 - 66+51 L		19.00	0004	01
Item 201.0402 Total:				119.00		
004	201.0403	REMOVE AND DISPOSE SIDEWALKS	SY			
		GENERAL PLAN NO. 1				
		24+77 R - 26+34 R		152.00	0004	01
		24+85 L - 28+75 L		341.00	0004	01
		26+56 R - 27+70 R		113.00	0004	01
		27+70 R - 27+89 R		14.00	0004	01
		27+89 R - 28+75 R		57.00	0004	01
		GENERAL PLAN NO. 2				
		28+75 L - 29+62 L		86.00	0004	01
		28+75 R - 29+45 R		48.00	0004	01
		29+67 R - 29+67 R		20.00	0004	01
		29+87 R - 30+81 R		63.00	0004	01
		29+88 L - 31+07 L		71.00	0004	01
		29+88 R -30+26 R		21.00	0004	01
		30+81 R - 30+87 R		4.00	0004	01
		30+87 R - 31+06 R		14.00	0004	01
		31+06 R - 31+75 R		42.00	0004	01
		31+07 L - 31+48 L		21.00	0004	01
		31+48 L - 32+77 L		50.00	0004	01
		31+75 R - 32+23 R		33.00	0004	01
		32+23 R - 32+30 R		6.00	0004	01
		32+30 R - 34+00 R		87.00	0004	01
		32+37 L - 32+69 L		20.00	0004	01
		32+69 L - 33+05 L		23.00	0004	01
		33+05 L - 33+37 L		21.00	0004	01
		33+37 L - 33+51 L		9.00	0004	01
		33+51 L - 33+80 L		19.00	0004	01
		33+80 L - 34+13 L		23.00	0004	01
		34+00 R - 35+00 R		57.00	0004	01

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

<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>
004	201.0403	Cont.				
		34+13 L - 34+38 L		14.00	0004	01
		34+38 L - 35+00 L		42.00	0004	01
		GENERAL PLAN NO. 3				
		1001+50 L - 1001+83 L		19.00	0004	01
		1001+83 L - 1001+90 L		4.00	0004	01
		37+07 L - 37+40 L		24.00	0004	01
		1000+27 L - 1001+50 L		102.00	0004	01
		35+00 L - 35+33 L		21.00	0004	01
		35+00 R - 35+75 R		47.00	0004	01
		35+33 L - 35+63 L		19.00	0004	01
		35+63 L - 36+61 L		69.00	0004	01
		35+90 R - 37+06 R		83.00	0004	01
		36+61 L - 37+07 L		35.00	0004	01
		37+06 R - 37+26 R		10.00	0004	01
		37+26 R - 37+90 R		40.00	0004	01
		37+40 L - 37+65 L		19.00	0004	01
		37+65 L - 38+10 L		35.00	0004	01
		37+90 R - 38+12 R		21.00	0004	01
		38+10 L - 38+31 L		17.00	0004	01
		38+12 R - 38+51 R		32.00	0004	01
		38+51 R - 38+80 R		18.00	0004	01
		38+80 R - 40+40 R		83.00	0004	01
		40+66 R - 41+00 R		16.00	0004	01
		GENERAL PLAN NO. 4				
		41+00 R - 42+33 R		102.00	0004	01
		42+33 R - 42+52 R		13.00	0004	01
		42+52 R - 42+66 R		9.00	0004	01
Item 201.0403 Total:				2,309.00		
005	201.0408	REMOVE AND DISPOSE RIGID PAVEMENT	SY			
		GENERAL PLAN NO. 2				
		29+68 - 30+04 L		89.00	0004	01
Item 201.0408 Total:				89.00		

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
015	201.0610	REMOVE AND DISPOSE DIRECTIONAL, WARNING, REGULATORY, SERVICE, AND STREET SIGNS	EACH			
		SIGNING & STRIPING PLAN NO.1				
		24+86 L		2.00	0004	01
		25+14 R		1.00	0004	01
		25+47 R		1.00	0004	01
		26+15 L		1.00	0004	01
		26+57 R		2.00	0004	01
		26+59 R		2.00	0004	01
		26+65 R		2.00	0004	01
		26+80 R		1.00	0004	01
		27+80 L		1.00	0004	01
		28+00 L		1.00	0004	01
		28+60 R		1.00	0004	01
		SIGNING & STRIPING PLAN NO.2				
		28+80 L		1.00	0004	01
		29+12 R		1.00	0004	01
		29+40 R		1.00	0004	01
		29+52 L		2.00	0004	01
		29+68 L		2.00	0004	01
		29+68 R		1.00	0004	01
		29+70 L		1.00	0004	01
		29+70 R		5.00	0004	01
		31+78 L		1.00	0004	01
		SIGNING & STRIPING PLAN NO.3				
		1000+71 L		1.00	0004	01
		1001+25 L		4.00	0004	01
		1001+26 L		1.00	0004	01
		1001+76 R		1.00	0004	01
		35+12 R		1.00	0004	01
		35+71 L		2.00	0004	01
		36+58 L		1.00	0004	01

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
015	201.0610 Cont.	36+60 R		1.00	0004	01
		37+46 L		1.00	0004	01
		38+16 L		1.00	0004	01
		38+46 R		1.00	0004	01
		40+73 R		1.00	0004	01
		SIGNING & STRIPING PLAN NO.4				
		42+06 L		1.00	0004	01
		42+78 L		1.00	0004	01
		43+17 R		1.00	0004	01
		43+57 R		1.00	0004	01
		44+27 R		1.00	0004	01
		SIGNING & STRIPING PLAN NO.5				
		46+64 L		1.00	0004	01
		SIGNING & STRIPING PLAN NO.7				
		63+36 L		1.00	0004	01
				Item 201.0610 Total:		53.00
016	201.9901	REMOVE AND DISPOSE EXISTING CULVERT (NORTH) DRAINAGE & UTILITY PLAN NO. 8	LS			
		0+94 R - 0+76 L		1.00	0004	01
				Item 201.9901 Total:		1.00
017	201.9902	REMOVE AND DISPOSE EXISTING CULVERT (SOUTH) DRAINAGE & UTILITY PLAN NO. 8	LS			
		66+71 R - 66+83 R		1.00	0004	01
				Item 201.9902 Total:		1.00
018	201.9903	REMOVE AND DISPOSE OF SOIL IMPACTED BY HAZARDOUS MATERIAL DRAINAGE & UTILITY PLAN NO. 4	TON			
		42+38 - 42+69 R		38.00	0004	01

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
035	401.1000	Cont.				
				Item 401.1000 Total:	3,432.00	
036	401.2005	CLASS 12.5 HMA FOR MISCELLANEOUS WORK	TON			
PROJECT WIDE						
				BETUMINOUS CONCRETE DRIVEWAYS	136.00	0004 01
				GRADE PAVEMENT TO DRAIN	63.00	0004 01
				Item 401.2005 Total:	199.00	
037	401.2100	MODIFIED CLASS 12.5 HMA	TON			
GENERAL PLAN NO. 1						
				24+77 - 28+75 M	256.00	0004 01
GENERAL PLAN NO. 2						
				28+75 - 29+41 M	41.00	0004 01
				29+41 - 34+12 M	260.00	0004 01
				34+12 - 35+00 M	37.00	0004 01
GENERAL PLAN NO. 3						
				35+00 - 41+00 M	317.00	0004 01
GENERAL PLAN NO. 4						
				41+00 - 46+50 M	348.00	0004 01
GENERAL PLAN NO. 5						
				46+50 - 52+25 M	242.00	0004 01
GENERAL PLAN NO. 6						
				52+25 - 58+50 M	268.00	0004 01
GENERAL PLAN NO. 7						
				58+50 - 64+75 M	277.00	0004 01
GENERAL PLAN NO. 8						
				64+75 - 2+33 M	234.00	0004 01
				Item 401.2100 Total:	2,280.00	
038	401.4003	CLASS 4.75 HMA FOR PATCHING	TON			
PROJECET WIDE						
				CONCRETE ISLAND REMOVAL	12.00	0004 01

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
074	713.8269 Cont.	61+44 R		2.00	0004	01
		61+71 R		2.00	0004	01
		62+11 R		2.00	0004	01
		62+27 R		2.00	0004	01
		62+35 R		2.00	0004	01
		DRAINAGE & UTILITY PLAN NO. 8				
		1+12 R		2.00	0004	01
		1+16 R		2.00	0004	01
		66+39 L		2.00	0004	01
		66+41 R		2.00	0004	01
		66+43 R		2.00	0004	01
				Item 713.8269 Total:		57.00
075	713.9901	ADJUST MONITORING WELL TO GRADE	EACH			
		DRAINAGE & UTILITY PLAN NO. 3				
		1001+87 L		1.00	0004	01
		DRAINAGE & UTILITY PLAN NO. 4				
		43+63 R		1.00	0004	01
				Item 713.9901 Total:		2.00
076	714.8163	POST TYPE HYDRANT	EACH			
		DRAINAGE & UTILITY PLAN NO. 1				
		26+24 L		1.00	0004	01
		DRAINAGE & UTILITY PLAN NO. 2				
		28+86 L		1.00	0004	01
				Item 714.8163 Total:		2.00
077	804.9901	PRE- AND POST-CONSTRUCTION	LS			
		CONDITION SURVEY OF EXISTING				
		STRUCTURES				
		PROJECT WIDE				
		PROJECT WIDE				0004 01
				Item 804.9901 Total:		**DELETED**

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
087	901.9901	NESTED STEEL BEAM GUARDRAIL	LF			
		GENERAL PLAN NO. 8				
		0+58 - 0+96 L		37.00	0021	03
		0+77 - 1+02 R		25.00	0021	03
		66+46 - 66+70 R		25.00	0021	03
		66+79 - 67+48 L		72.00	0021	03
				Item 901.9901 Total:		159.00
088	901.9902	GUARDRAIL END TREATMENT - ENERGY ABSORBING TERMINAL	EACH			
		GENERAL PLAN NO.8				
		0+46 - 0+71 R		1.00	0021	03
				Item 901.9902 Total:		1.00
089	904.0100	REMOVE AND RESET FENCE AND/OR RAILING	LF			
		GENERAL PLAN NO. 8				
		65+54 - 66+25 L		74.00	0004	01
				Item 904.0100 Total:		74.00
090	905.0110	PORTLAND CEMENT SIDEWALK MONOLITHIC STANDARD 43.1.0	CY			
		GENERAL PLAN NO. 1				
		24+78 - 26+34 R		16.00	0004	01
		24+85 - 28+75 L		35.00	0004	01
		26+56 - 27+70 R		13.00	0004	01
		27+70 - 28+75 R		8.00	0004	01
		GENERAL PLAN NO. 2				
		28+75 - 29+42 R		5.00	0004	01
		28+75 - 29+62 L		10.00	0004	01
		29+67 - 29+85 R		3.00	0004	01
		29+70 - 29+94 L		5.00	0004	01

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
090	905.0110 Cont.	29+88 - 30+26 R		3.00	0004	01
		29+95 - 31+07 L		8.00	0004	01
		30+21 - 30+65 L		10.00	0004	01
		30+81 - 30+87 R		1.00	0004	01
		31+06 - 31+75 R		5.00	0004	01
		31+48 - 32+37 L		6.00	0004	01
		32+23 - 32+30 R		1.00	0004	01
		32+69 - 33+05 L		3.00	0004	01
		33+37 - 33+51 L		2.00	0004	01
		33+80 - 34+13 L		3.00	0004	01
		33+99 - 35+00 R		6.00	0004	01
		34+37 - 35+00 L		5.00	0004	01
		GENERAL PLAN NO. 3				
		1000+27 - 1001+50 L		11.00	0004	01
		1001+83 - 1001+90 L		1.00	0004	01
		35+00 - 35+33 L		3.00	0004	01
		35+00 - 35+75 R		5.00	0004	01
		35+63 - 36+61 L		8.00	0004	01
		35+90 - 37+06 R		9.00	0004	01
		37+07 - 37+40 L		3.00	0004	01
		37+26 - 37+90 R		5.00	0004	01
		37+65 - 38+10 L		4.00	0004	01
		38+12 - 38+51 R		4.00	0004	01
		38+82 - 40+40 R		9.00	0004	01
		40+71 - 41+00 R		2.00	0004	01
		GENERAL PLAN NO. 4				
		41+00 - 42+43 R		3.00	0004	01
		41+43 - 42+28 R		6.00	0004	01
		42+28 - 42+39 R		2.00	0004	01
		42+39 - 43+60 R		8.00	0004	01
		42+60 - 42+78 R		2.00	0004	01
				<hr/>		
Item 905.0110 Total:				233.00		

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
091	905.0115	PORTLAND CEMENT CONCRETE DRIVEWAY STANDARD 43.5.0	CY			
		GENERAL PLAN NO. 1				
		27+08 - 27+86 R			0004	01
		GENERAL PLAN NO. 2				
		29+86 - 30+82 R		14.00	0004	01
		30+86 - 31+06 R		4.00	0004	01
		31+10 - 31+48 L		5.00	0004	01
		31+74 - 32+24 R		8.00	0004	01
		32+29 - 32+75 R		21.00	0004	01
		32+35 - 32+70 L		5.00	0004	01
		33+04 - 33+38 L		5.00	0004	01
		33+51 - 33+82 L		5.00	0004	01
		34+13 - 34+38 L		4.00	0004	01
		GENERAL PLAN NO. 3				
		1001+50 - 1001+83 L		5.00	0004	01
		35+33 - 35+63 L		5.00	0004	01
		36+61 - 37+07 L		9.00	0004	01
		37+06 - 37+26 R		3.00	0004	01
		37+40 - 37+65 L		5.00	0004	01
		37+90 - 38+12 R		5.00	0004	01
		38+10 - 38+31 L		6.00	0004	01
		38+51 - 38+80 R		4.00	0004	01
		GENERAL PLAN NO. 4				
		42+33 - 42+52 R		3.00	0004	01
Item 905.0115 Total:				116.00		

092	905.9901	REMOVE, STOCKPILE, AND DELIVER PLAQUES	EACH			
		GENERAL PLAN NO. 3				
		37+45 L		1.00	0004	01
		37+90 R		1.00	0004	01
		38+83 R		1.00	0004	01

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
092	905.9901 Cont.	40+34 R		1.00	0004	01
		GENERAL PLAN NO. 4				
		41+91 R		1.00	0004	01
Item 905.9901 Total:				5.00		
093	906.0110	GRANITE CURB, QUARRY SPLIT	LF			
		STRAIGHT, STANDARD 7.3.0				
		GENERAL PLAN NO.1				
		26+34 - 26+34 R		8.00	0004	01
		GENERAL PLAN NO.2				
		29+33 - 29+36 R		4.00	0004	01
		29+41 - 29+42 R		8.00	0004	01
		29+64 - 29+67 L		6.00	0004	01
		29+64 - 29+68 L		6.00	0004	01
		29+67 - 29+66 R		18.00	0004	01
		29+72 - 29+91 L		17.00	0004	01
		29+75 - 29+91 L		24.00	0004	01
		29+94 - 29+95 L		22.00	0004	01
		GENERAL PLAN NO.4				
		42+38 - 42+38 R		4.00	0004	01
		42+42 - 42+45 R		3.00	0004	01
		42+49 - 43+50 R		103.00	0004	01
		42+55 - 43+45 R		125.00	0004	01
		43+61 - 43+61 R		4.00	0004	01
		PROJECT WIDE				
		ADDITIONAL FOR 906.0700		128.00	0004	01
Item 906.0110 Total:				480.00		
094	906.0111	GRANITE CURB, QUARRY SPLIT	LF			
		CIRCULAR, STANDARD 7.3.0				
		GENERAL PLAN NO.1				
		24+83 - 24+97 R		15.00	0004	01
		24+85 - 24+97 L		13.00	0004	01
		26+33- 26+35 R		3.00	0004	01

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
094	906.0111 Cont.	26+55 - 26+66 R		16.00	0004	01
		GENERAL PLAN NO.2				
		29+37 - 29+41 R		7.00	0004	01
		29+66 - 29+68 R		3.00	0004	01
		29+68 - 29+69 L		31.00	0004	01
		29+72 - 29+75 L		10.00	0004	01
		29+91 - 29+94 L		5.00	0004	01
		29+91 - 29+95 L		5.00	0004	01
		GENERAL PLAN NO.4				
		42+38 - 42+39 R		5.00	0004	01
		42+38 - 42+42 R		9.00	0004	01
		42+43 - 42+49 R		6.00	0004	01
		42+45 - 42+55 R		12.00	0004	01
		43+45 - 43+61 R		25.00	0004	01
		43+50 - 43+56 R		7.00	0004	01
		43+60 - 43+61 R		6.00	0004	01
Item 906.0111 Total:				178.00		
095	906.0112	GRANITE CURB PROVIDENCE STANDARD	LF			
		7" STRAIGHT				
		GENERAL PLAN NO.2				
		34+37 - 35+00 L		64.00	0004	01
		GENERAL PLAN NO.3				
		35+00 - 35+34 L		36.00	0004	01
		35+64 - 36+62 L		98.00	0004	01
		37+87 - 37+91 R		4.00	0004	01
		37+87 - 38+02 L		15.00	0004	01
		38+13 - 38+19 R		7.00	0004	01
		39+83 - 40+30 R		47.00	0004	01
		PROJECT WIDE				
		ADDITIONAL FOR 906.0700		70.00	0004	01
Item 906.0112 Total:				341.00		

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
096	906.0113	GRANITE CURB PROVIDENCE STANDARD 7" CIRCULAR	LF			
		GENERAL PLAN NO.3				
		1001+04 - 1001+50 L		56.00	0004	01
		35+66 - 35+71 R		6.00	0004	01
		35+96 - 36+02 R		6.00	0004	01
		39+01 - 1001+04 L		22.00	0004	01
		39+20 - 39+23 R		3.00	0004	01
		39+77 - 39+83 R		7.00	0004	01
		40+32 - 40+36 R		5.00	0004	01
		40+74 - 40+78 R		5.00	0004	01
		GENERAL PLAN NO.4				
		41+31 - 41+62 R		35.00	0004	01
		41+95 - 42+29 R		54.00	0004	01
		42+74 - 42+77 R		4.00	0004	01
Item 906.0113 Total:				203.00		
097	906.0119	3' GRANITE TRANSITION CURB STANDARD 7.3.1	EACH			
		GENERAL PLAN NO.1				
		27+65 R			0004	01
		27+85 E			0004	01
		GENERAL PLAN NO.2				
		29+85 R		1.00	0004	01
		30+77 R		1.00	0004	01
		30+85 R		1.00	0004	01
		31+02 R		1.00	0004	01
		31+07 L		1.00	0004	01
		31+42 L		1.00	0004	01
		31+72 R		1.00	0004	01
		32+19 R		1.00	0004	01
		32+27 R		1.00	0004	01
		32+33 L		1.00	0004	01

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
097	906.0119 Cont.	32+65 L		1.00	0004	01
		33+03 L		1.00	0004	01
		33+34 L		1.00	0004	01
		33+50 L		1.00	0004	01
		33+78 L		1.00	0004	01
		33+96 R		1.00	0004	01
Item 906.0119 Total:				16.00		
098	906.0562	CEMENT CONCRETE EDGING 24 INCH LOT LF				
		CURB STANDARD 7.2.3				
		GENERAL PLAN NO. 8				
		63+95 - 64+30 L		35.00	0004	01
		64+37 - 64+75 L		38.00	0004	01
Item 906.0562 Total:				73.00		
099	906.0602	BITUMINOUS BERM STANDARD 7.5.1 LF				
		GENERAL PLAN NO.4				
		43+84 - 45+20 R		353.00	0004	01
		GENERAL PLAN NO.7				
		59+55 - 64+34 R		485.00	0004	01
		60+61 - 64+75 L		414.00	0004	01
		64+39 - 64+75 R		36.00	0004	01
		GENERAL PLAN NO.8				
		64+75 - 2+32 L		507.00	0004	01
		64+75 - 65+11 R		36.00	0004	01
		66+16 - 2+33 R		532.00	0004	01
Item 906.0602 Total:				2,363.00		
100	906.0700	REMOVE, HANDLE, HAUL TRIM RESET LF				
		CURB EDGING, STRAIGHT, CIRCULAR				
		ALL TYPES				
		GENERAL PLAN NO.1				
		24+77 - 24+83 R		7.00	0004	01

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
118	931.0110	Cont				
				Item 931.0110 Total:	11,111.00	
119	932.0110	TRANSVERSE PAVEMENT CUT AND MATCH STANDARD 47.1.1	LF			
		GENERAL PLAN NO. 1				
		24+77 R - 24+85 L		50.00	0004	01
		26+34 - 26+55 R		22.00	0004	01
		GENERAL PLAN NO. 2				
		29+43 - 29+67 R		25.00	0004	01
		29+64 - 29+87 L		30.00	0004	01
		GENERAL PLAN NO. 3				
		1001+90 R - 1001+90 L		26.00	0004	01
		35+75 - 35+90 R		16.00	0004	01
		40+40 - 40+66 R		30.00	0004	01
		GENERAL PLAN NO. 4				
		42+72 - 42+88 R		20.00	0004	01
		GENERAL PLAN NO. 8				
		2+33 - 2+33 M		32.00	0004	01
				Item 932.0110 Total:	251.00	
120	932.0200	FULL-DEPTH SAWCUT OF BITUMINOUS PAVEMENT	LF			
		GENERAL PLAN NO. 2				
		29+68 - 30+04 L		114.00	0004	01
		PROJECT WIDE				
		AT CURB REPLACEMENT LOCATIONS		1,132.00	0004	01
		AT CURB RESETTING LOCATIONS		1,976.00	0004	01
				Item 932.0200 Total:	3,222.00	
121	932.0220	FULL DEPTH SAWCUT OF BITUMINOUS SIDEWALK/DRIVEWAY	LF			
		GENERAL PLAN NO. 1				
		27+69 - 27+88 R		9.00	0004	01

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
121	932.0220 Cont.	GENERAL PLAN NO. 2				
		30+26 - 30+80 R		54.00	0004	01
		30+86 - 31+06 R		20.00	0004	01
		32+33 - 32+70 L		37.00	0004	01
		33+03 - 33+38 L		35.00	0004	01
		33+50 - 33+82 L		32.00	0004	01
		GENERAL PLAN NO. 3				
		39+39 - 40+38 R		45.00	0004	01
		GENERAL PLAN NO. 4				
		43+01 - 43+84 R		97.00	0004	01
		45+20 - 45+43 R		23.00	0004	01
		GENERAL PLAN NO. 6				
		52+80 - 53+05 R		25.00	0004	01
		53+13 - 23+28 L		15.00	0004	01
		54+29 - 54+45 L		16.00	0004	01
		55+27 - 55+37 L		10.00	0004	01
		56+94 - 57+18 R		24.00	0004	01
		56+96 - 58+50 L		154.00	0004	01
		GENERAL PLAN NO. 7				
		58+50 - 60+61 L		211.00	0004	01
		58+56 - 58+83 R		28.00	0004	01
		60+04 - 60+51 R		48.00	0004	01
		GENERAL PLAN NO. 8				
		66+31 - 66+59 L		38.00	0004	01
Item 932.0220 Total:				921.00		

122	932.0230	FULL DEPTH SAWCUT OF PORTLAND CEMENT CONCRETE SIDEWALK/DRIVEWAY	LF			
		GENERAL PLAN NO. 1				
		24+78 - 24+78 R		12.00	0004	01
		24+81 - 25+15 R		50.00	0004	01
		24+85 - 24+85 L		7.00	0004	01
		24+85 - 25+98 L		106.00	0004	01

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
122	932.0230	Cont.				
		AT CURB REPLACEMENT LOCATIONS		1,157.00	0004	01
		AT CURB RESETTING LOCATIONS		1,976.00	0004	01
				Item 932.0230 Total:	4,557.00	
123	935.0400	REMOVING BITUMINOUS PAVEMENT BY MICRO MILLING	SY			
		GENERAL PLAN NO. 1				
		24+77 - 28+75 M		1,391.00	0004	01
		GENERAL PLAN NO. 2				
		28+75 - 34+13 M		2,235.00	0004	01
				Item 935.0400 Total:	3,626.00	
124	936.0100	MOBILIZATION AND DEMOBILIZATION	LS			
		PROJECT WIDE				
		PROJECT WIDE		1.00	0004	01
				Item 936.0100 Total:	1.00	
125	937.0200	MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION	LS			
		PROJECT WIDE				
		PROJECT WIDE		1.00	0004	01
				Item 937.0200 Total:	1.00	
126	939.0300	STONE WALLS IN HISTORIC, SCENIC OR RURAL AREAS (WET MASONRY RETAINING)	CY			
		GENERAL PLAN NO. 4				
		46+14 - 46+50 R		4.00	0004	01
		GENERAL PLAN NO. 5				
		46+50 - 47+74 R		7.00	0004	01
		GENERAL PLAN NO. 8				
		65+54 - 66+34 L		3.00	0004	01
				Item 939.0300 Total:	14.00	

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107
 Estimate Name - Addendum No. 2
 R.I. Contract No. - 2015-CH-065
 FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
134	L11.0103	Cont. STANDARD 51.2.0				
		GENERAL PLAN NO. 3				
		1000+95 - 1001+05 L		10.00	0004	01
		1001+20 - 1001+30 L		10.00	0004	01
		37+26 - 37+61 R		78.00	0004	01
		37+66 - 37+96 R		88.00	0004	01
		GENERAL PLAN NO. 8				
		01+09 - 01+37 R		69.00	0004	01
		66+25 - 66+33 L		31.00	0004	01
		Item L11.0103 Total:		286.00		
135	L11.0104	DRIP-LINE TREE PROTECTION DEVICE	LF			
		STANDARD 51.1.1				
		GENERAL PLAN NO. 8				
		66+85 - 67+15 L		30.00	0004	01
		Item L11.0104 Total:		30.00		
S136	T15.0100	DIRECTIONAL REGULATORY AND WARNING SIGNS	SF			
		SIGNING & STRIPING PLAN NO.1				
		24+86 L, 1-12, R1-1, 30"X30"		6.25	0021	03
		24+86 L, 1-12, R5-1, 30"X30"		6.25	0021	03
		25+16 L, 1-1A, W11-2, 36"X36"		9.00	0021	03
		25+16 L, 1-1B, W16-7PR, 24"X12"		2.00	0021	03
		25+18 R, 1-2A, W11-2, 36"X36"		9.00	0021	03
		25+18 R, 1-2B, W16-7PL, 24"X12"		2.00	0021	03
		25+48 R, 1-3, R2-1(25), 24"X30"		5.00	0021	03
		26+50 L, 1-7C, R6-1R, 36"X12"		3.00	0021	03
		26+57 R, 1-8A, R1-1, 30"X30"		6.25	0021	03
		26+57 R, 1-8B, R6-1R, 36"X12"		3.00	0021	03
		SIGNING & STRIPING PLAN NO.2				
		28+80 L, 2-1, D4-1L, 30"X24"		5.00	0021	03

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S136	T15.0100	Cont.		9.00	0021	03
		29+13 R, 2-3A, W11-2A, 36"X36"				
		29+13 R, 2-3B, W16-7PL, 24"X12"		2.00	0021	03
		29+15 L, 2-4A, W11-2, 36"X36"		9.00	0021	03
		29+15 L, 2-4B, W16 - 7PR, 24"X12"		2.00	0021	03
		29+40 R, 2-6A, R3-2, 24"X24"		4.00	0021	03
		29+40 R, 2-6B, W14-1, 24"X24"		4.00	0021	03
		29+68 R, 2-7A, R1-1, 30"X30"		6.25	0021	03
		29+68 R, 2-7B, R6-1R, 36"X12"		3.00	0021	03
		29+71 L, 2-8A, R1-1, 30"X30"		6.25	0021	03
		29+71 L, 2-8B, R5-1, 30"X30"		6.25	0021	03
		29+71 L, 2-9A, W11-2, 36"X36"		9.00	0021	03
		29+71 L, 2-9B, W16-7PL, 24"X12"		2.00	0021	03
		29+84 R, 2-10, R5-1, 30"X30"		6.25	0021	03
		29+89 L, 2-11A, R1-1, 30"X30"		6.25	0021	03
		29+89 L, 2-11B, R5-1, 30"X30"		6.25	0021	03
		29+92 L, 2-12A, R1-1, 30"X30"		6.25	0021	03
		29+92 L, 2-12B, R3-2, 24"X24"		4.00	0021	03
		29+92 L, 2-12C, R5-1, 30"X30"		6.25	0021	03
		30+20 L, 2-13A, W11-2, 36"X36"		9.00	0021	03
		30+20 L, 2-13B, W16-PL, 24"X12"		2.00	0021	03
		30+82 R, 2-14A, M3-2, 24"X12"		2.00	0021	03
		30+82 R, 2-14B, M1-5(107), 30"X24"		5.00	0021	03
		31+78 L, 2-15A, W11-2, 36"X36"		9.00	0021	03
		31+78 L, 2-15B, W16-9P, 24"X12"		2.00	0021	03

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S136	T15.0100	Cont.				
		43+93 R, 4-10A, R1-1, 30"X30"		6.25	0021	03
		43+93 R, 4-10B, R5-1, 30"X30"		6.25	0021	03
		45+12 R, 4-11, W1-2R, 36"X36"		9.00	0021	03
		45+44 L, 4-12, W1-8L, 30"X30"		6.25	0021	03
		46+17 L, 4-13A, W1-8R, 30"X30"		6.25	0021	03
		46+17 L, 4-13B, W1-8L, 30"X30"		6.25	0021	03
		SIGNING & STRIPING PLAN NO.5				
		47+06 L, 5-1B, W1-8L, 30"X30"		6.25	0021	03
		47+06L, 5-1A, W1-BR, 30"X30"		6.25	0021	03
		47+82 L, 5-2, W1-8R, 30"X30"		6.25	0021	03
		49+40 L, 5-3, W1-2L, 36"X36"		9.00	0021	03
		SIGNING & STRIPING PLAN NO.7				
		63+41 L, 7-1, W8-6, 36"X36"		9.00	0021	03
		SIGNING & STRIPING PLAN NO.8				
		1+76 R, 8-1A, M3-2, 24"X12"		2.00	0021	03
		1+76 R, 8-1B, M1-5(107), 30"X24"		5.00	0021	03
		2+00 L, 8-2A, M3-4, 24"X12"		2.00	0021	03
		2+00 L, 8-2B, M1-5(107), 30"X24"		5.00	0021	03
Item T15.0100 Total:				473.13		
S137	T15.1000	STREET SIGN ASSEMBLY STD.	24.6.1	EACH		
		SIGNING & STRIPING PLAN NO. 1				
		26+24 R		1.00	0021	03
		SIGNING & STRIPING PLAN NO. 2				
		29+39 R		1.00	0021	03
		29+61 L		1.00	0021	03
		SIGNING & STRIPING PLAN NO. 3				
		35+73 R		1.00	0021	03
		39+04 L		1.00	0021	03

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107
 Estimate Name - Addendum No. 2
 R.I. Contract No. - 2015-CH-065
 FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S137	T15.1000 Cont.	40+74 R		1.00	0021	03
		SIGNING & STRIPING PLAN NO. 4				
		41+99 R		1.00	0021	03
		42+98 R		1.00	0021	03
		43+96 R		1.00	0021	03
Item T15.1000 Total:				9.00		
S138	T15.2000	PARKING SIGNS	SF			
		SIGNING & STRIPING PLAN NO.1				
		25+16 L, 1-1C, R7-1L, 12"X18"		1.50	0021	03
		25+18 R, 1-2C, R7-1R, 12"X18"		1.50	0021	03
		25+71 R, 1-4, R7-108, 12"X18"		1.50	0021	03
		26+03 L, 1-5A, R7-1R, 12"X18"		1.50	0021	03
		26+03 L, 1-5B, R7-108L, 12"X18"		1.50	0021	03
		26+17 R, 1-6, R7-1L, 12"X18"		1.50	0021	03
		26+50 L, 1-7A, R7-1L, 12"X18"		1.50	0021	03
		26+50 L, 1-7B, R7-108R, 12"X18"		1.50	0021	03
		26+50 L, 1-7C, R6-1R, 36"X12"		3.00	0021	03
		26+80 R, 1-9, R7-1R, 12"X18"		1.50	0021	03
		27+20 R, 1-10, R7-108, 12"X18"		1.50	0021	03
		27+26 L, 1-11, R7-108, 12"X18"		1.50	0021	03
		27+59 R, 1-12, R7-1L, 12"X18"		1.50	0021	03
		28+00 L, 1-13, R7-108, 12"X18"		1.50	0021	03
		28+01 R, 1-14, R7-1R, 12"X18"		1.50	0021	03
		28+33 R, 1-15, R7-108, 12"X18"		1.50	0021	03
		28+73 L, 1-16, R7-1R, 12"X 18"		1.50	0021	03

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S138	T15.2000 Cont.	SIGNING & STRIPING PLAN NO.2				
		28+80 R, 2-2, R7-108L, 12"X18"		1.50	0021	03
		29+13 R, 2-3C, R7-1R, 12"X18"		1.50	0021	03
		29+30 R, 2-5, R7-1L, 12"X18"		1.50	0021	03
		SIGNING & STRIPING PLAN NO.3				
		35+64 R, 3-2, RIPTA, 12"X18"		1.50	0021	03
		35+73 L, 3-3, RIPTA, 12"X18"		1.50	0021	03
		37+40 L, 3-6, R7-1, 12"X18"		1.50	0021	03
		SIGNING & STRIPING PLAN NO.4				
		42+83 L, 4-4, RIPTA, 12"X18"		1.50	0021	03
		43+17 R, 4-6, R7-1L, 12"X18"		1.50	0021	03
		43+18 R, 4-7, RIPTA, 12"X18"		1.50	0021	03
		43+57 R, 4-8, R7-1, 12"X18"		1.50	0021	03
Item T15.2000 Total:				39.00		
S139	T20.0006	6 INCH WHITE FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT PROJECT WIDE	LF			
		24+77 - 02+33		17,275.00	0004	01
Item T20.0006 Total:				17,275.00		
S140	T20.0008	8 INCH WHITE FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT PROJECT WIDE	LF			
		29+53 - 30+05		105.00	0004	01
Item T20.0008 Total:				105.00		
S141	T20.0012	12 INCH WHITE FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT PROJECT WIDE	LF			
		25+03 - 43+68		1,005.00	0004	01
Item T20.0012 Total:				1,005.00		

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S142	T20.0104	4 INCH YELLOW FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT PROJECT WIDE 29+77 - 02+33	LF	15,216.00	0004	01
Item T20.0104 Total:				15,216.00		
S143	T20.0106	6 INCH YELLOW FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT PROJECT WIDE 26+03 - 30+05	LF	214.00	0004	01
Item T20.0106 Total:				214.00		
S144	T20.0108	8 INCH YELLOW FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT PROJECT WIDE 30+64 - 1001+59	LF	398.00	0004	01
Item T20.0108 Total:				398.00		
S145	T20.0112	12 INCH YELLOW FAST - DRYING WATERBORNE PAVEMENT MARKING PAINT PROJECT WIDE 26+03 - 28+89	LF	132.00	0004	01
Item T20.0112 Total:				132.00		
S146	T20.2006	6 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE SIGNING & STRIPING PLAN NO.1 24+77 - 25+05 R 24+81 - 25+03 L 25+16 - 26+03 L 25+17 - 26+20 R 26+36 - 28+75 L	LF	30.00 36.00 100.00 119.00 247.00	0021	03

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S146	T20.2006 Cont.	26+79 - 27+59 R		96.00	0021	03
		27+59 - 28+75 R		113.00	0021	03
		SIGNING & STRIPING PLAN NO.2				
		29+12 - 29+36 R		28.00	0021	03
		29+12 -29+12 R		8.00	0021	03
		29+30 - 29+30 R		8.00	0021	03
		29+53 - 30+05 L		88.00	0021	03
		29+66 - 29+79 L		17.00	0021	03
		29+69 - 35+00 R		531.00	0021	03
		29+84 - 29+83 L		6.00	0021	03
		29+92 - 30+07 L		17.00	0021	03
		30+12 - 35+00 L		500.00	0021	03
		SIGNING & STRIPING PLAN NO.3				
		35+00 - 36+43 L		144.00	0021	03
		35+00 - 36+43 R		142.00	0021	03
		36+52 - 1001+90 L		372.00	0021	03
		36+52 - 40+34 R		369.00	0021	03
		39+62 - 41+00 L		219.00	0021	03
		40+77 - 41+00 R		25.00	0021	03
		SIGNING & STRIPING PLAN NO.4				
		41+00 - 42+78 R		212.00	0021	03
		41+00 - 46+50 L		543.00	0021	03
		42+34 - 43+68 R		315.00	0021	03
		43+12 - 43+68 R		160.00	0021	03
		43+82 - 46+50 R		304.00	0021	03
		SIGNING & STRIPING PLAN NO.5				
		46+50 - 52+25 L		567.00	0021	03
		46+50 - 52+25 R		582.00	0021	03
		SIGNING & STRIPING PLAN NO.6				
		52+25 - 58+50 L		626.00	0021	03
		52+25 - 58+50 R		624.00	0021	03
		SIGNING & STRIPING PLAN NO.7				
		58+50 - 64+75 L		623.00	0021	03

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S146	T20.2006 Cont.	58+50 - 64+75 R		626.00	0021	03
		SIGNING & STRIPING PLAN NO.8				
		64+50 - 2+33 L		559.00	0021	03
		64+50 - 2+33 R		570.00	0021	03
Item T20.2006 Total:				9,526.00		
S147	T20.2008	8 INCH EPOXY RESIN PAVEMENT	LF			
		MARKINGS WHITE				
		SIGNING & STRIPING PLAN NO.2				
		29+53 - 19+72 L		27.00	0021	03
		29+95 - 30+05 L		78.00	0021	03
Item T20.2008 Total:				105.00		
S148	T20.2012	12 INCH EPOXY RESIN PAVEMENT	LF			
		MARKINGS WHITE				
		SIGNING & STRIPING PLAN NO.1				
		25+03 - 25+12 M		80.00	0021	03
		26+34 - 26+55 R		21.00	0021	03
		26+34 - 26+61 R		27.00	0021	03
		26+45 - 26+55 R		11.00	0021	03
		SIGNING & STRIPING PLAN NO.2				
		29+01 - 29+09 M		72.00	0021	03
		29+42 - 29+66 R		25.00	0021	03
		29+42 - 29+67 R		25.00	0021	03
		29+54 - 29+66 R		12.00	0021	03
		29+79 - 30+07 L		96.00	0021	03
		29+82 - 29+94 L		15.00	0021	03
		30+05 - 30+19 L		14.00	0021	03
		SIGNING & STRIPING PLAN NO.3				
		35+83 - 35+72 R		9.00	0021	03
		36+43 - 36+52 M		80.00	0021	03
		39+14 - 39+31 L		14.00	0021	03
		40+59 - 40+70 R		13.00	0021	03

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S148	T20.2012 Cont.	SIGNING & STRIPING PLAN NO.4				
		42+86 - 43+93 R		10.00	0021	03
		43+12 - 43+68 R		156.00	0021	03
		43+66 - 43+82 R		17.00	0021	03
Item T20.2012 Total:				697.00		
S149	T20.2014	4 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	LF			
		SIGNING & STRIPING PLAN NO.2				
		29+77 - 29+92 L		33.00	0021	03
		29+99 - 29+99 L		34.00	0021	03
		30+11 - 31+16 M		113.00	0021	03
		30+11 L - 31+16 R		146.00	0021	03
		31+16 - 35+00 M		764.00	0021	03
		SIGNING & STRIPING PLAN NO.3				
		1001+13 - 1001+73 M		171.00	0021	03
		35+00 - 36+43 M		286.00	0021	03
		36+52 - 39+20 M		538.00	0021	03
		39+57 - 40+39 M		158.00	0021	03
		40+73 - 41+00 M		54.00	0021	03
		SIGNING & STRIPING PLAN NO.4				
		41+00 - 42+15 M		230.00	0021	03
		42+37 - 43+57 M		240.00	0021	03
		43+87 - 46+50 M		526.00	0021	03
		SIGNING & STRIPING PLAN NO.5				
		46+50 - 52+25 M		1,134.00	0021	03
		SIGNING & STRIPING PLAN NO.6				
		52+25 - 58+50 M		1,248.00	0021	03
		SIGNING & STRIPING PLAN NO.7				
		58+50 - 64+75 M		1,252.00	0021	03
		SIGNING & STRIPING PLAN NO.8				
		64+75 - 2+33 M		1,140.00	0021	03
Item T20.2014 Total:				8,067.00		

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107
 Estimate Name - Addendum No. 2
 R.I. Contract No. - 2015-CH-065
 FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S150	T20.2016	6 INCH EPOXY RESIN PAVEMENT	LF			
		MARKINGS YELLOW				
		SIGNING & STRIPING PLAN NO. 1				
		26+03 - 26+36 L		49.00	0021	03
		SIGNING & STRIPING PLAN NO.2				
		28+75 - 28+97 L		38.00	0021	03
		29+10 - 29+84 L		83.00	0021	03
		29+53 - 30+05 M		54.00	0021	03
		Item T20.2016 Total:		224.00		
S151	T20.2018	8 INCH EPOXY RESIN PAVEMENT	LF			
		MARKINGS YELLOW				
		SIGNING & STRIPING PLAN NO.2				
		30+64 - 31+08 L		66.00	0021	03
		SIGNING & STRIPING PLAN NO.3				
		1001+13 - 1001+59 L		166.00	0021	03
		Item T20.2018 Total:		232.00		
S152	T20.2019	12 INCH EPOXY RESIN PAVEMENT	LF			
		MARKINGS YELLOW				
		SIGNING & STRIPING PLAN NO. 1				
		26+03 - 26+36 L		66.00	0021	03
		SIGNING & STRIPING PLAN NO. 2				
		28+75 - 28+97 L		44.00	0021	03
		Item T20.2019 Total:		110.00		
153	201.9906	DISPOSAL FEE FOR SOIL IMPACTED BY HAZARDOUS MATERIAL	EACH			
		PROJECT WIDE				
		PROJECT WIDE		18,000.00	0004	01
		Item 201.9906 Total:		18,000.00		
154	201.9907	REMOVE AND STOCKPILE METAL SIGN POST	EACH			
		SIGNING & STRIPING NO. 3				
		38+99 R		1.00	0004	01
		Item 201.9907 Total:		1.00		

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
155	201.9908	REMOVE, STOCKPILE, AND DELIVER BRONZE HIGHWAY BOUNDS LOCATION PLAN NO. 2	EACH			
		29+72 L		1.00	0004	01
		30+37 R		1.00	0004	01
		31+02 R		1.00	0004	01
		31+16 R		1.00	0004	01
Item 201.9908 Total:				4.00		
156	202.0201	ROCK EXCAVATION MECHANICAL PROJECT WIDE	CY			
		AS DIRECTED BY ENGINEER		3.00	0004	01
Item 202.0201 Total:				3.00		
157	203.0100	STRUCTURAL EXCAVATION EARTH PROJECT WIDE	CY			
		FROM ITEM CODE 808.0800		24.00	0004	01
Item 203.0100 Total:				24.00		
158	205.0270	TRENCH ROCK EXCAVATION-MECHANICAL (0-7') PROJECT WIDE	CY			
		ASDIRECTED BY ENGINEER		30.00	0004	01
Item 205.0270 Total:				30.00		
159	702.0810	CONCRETE COVER SHALLOW 5'-0" ROUND MANHOLES STANDARD 4.6.1 DRAINAGE & UTILITY PLAN NO. 4	EACH			
		42+67 R		1.00	0004	01
Item 702.0810 Total:				1.00		
160	713.8300	ADJUST GAS GATE BOXES TO GRADE DRAINAGE & UTILITY PLAN NO. 1	EACH			

Distribution of Quantities

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

<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>
160	713.8300 Cont.	24+81 L		2.00	0004	01
		27+75 R		1.00	0004	01
		28+53 L		1.00	0004	01
		28+55 L		1.00	0004	01
		DRAINAGE & UTILITY PLAN NO. 2				
		29+35 R		1.00	0004	01
		31+13 R		1.00	0004	01
		31+20 L		1.00	0004	01
		32+22 R		1.00	0004	01
		33+33 L		1.00	0004	01
		33+56 R		1.00	0004	01
		DRAINAGE & UTILITY PLAN NO. 3				
		1001+54 R		1.00	0004	01
		1001+62 R		1.00	0004	01
		36+29 L		1.00	0004	01
		DRAINAGE & UTILITY PLAN NO. 4				
		43+78 R		2.00	0004	01
		43+87 L		2.00	0004	01
Item 713.8300 Total:				18.00		
161	915.9901	HIGHWAY BOUND BRONZE, RI STANDARD	EACH			
		14.7				
		LOCATION PLAN NO. 1				
		24+91 L		1.00	0004	01
		25+23 R		1.00	0004	01
		25+37 L		1.00	0004	01
		25+71 L		1.00	0004	01
		25+88 L		1.00	0004	01
		26+62 R		1.00	0004	01
		26+65 R		1.00	0004	01
		28+75 L		1.00	0004	01
		LOCATION PLAN NO. 2				
		28+78 L		1.00	0004	01

Distribution of Quantities

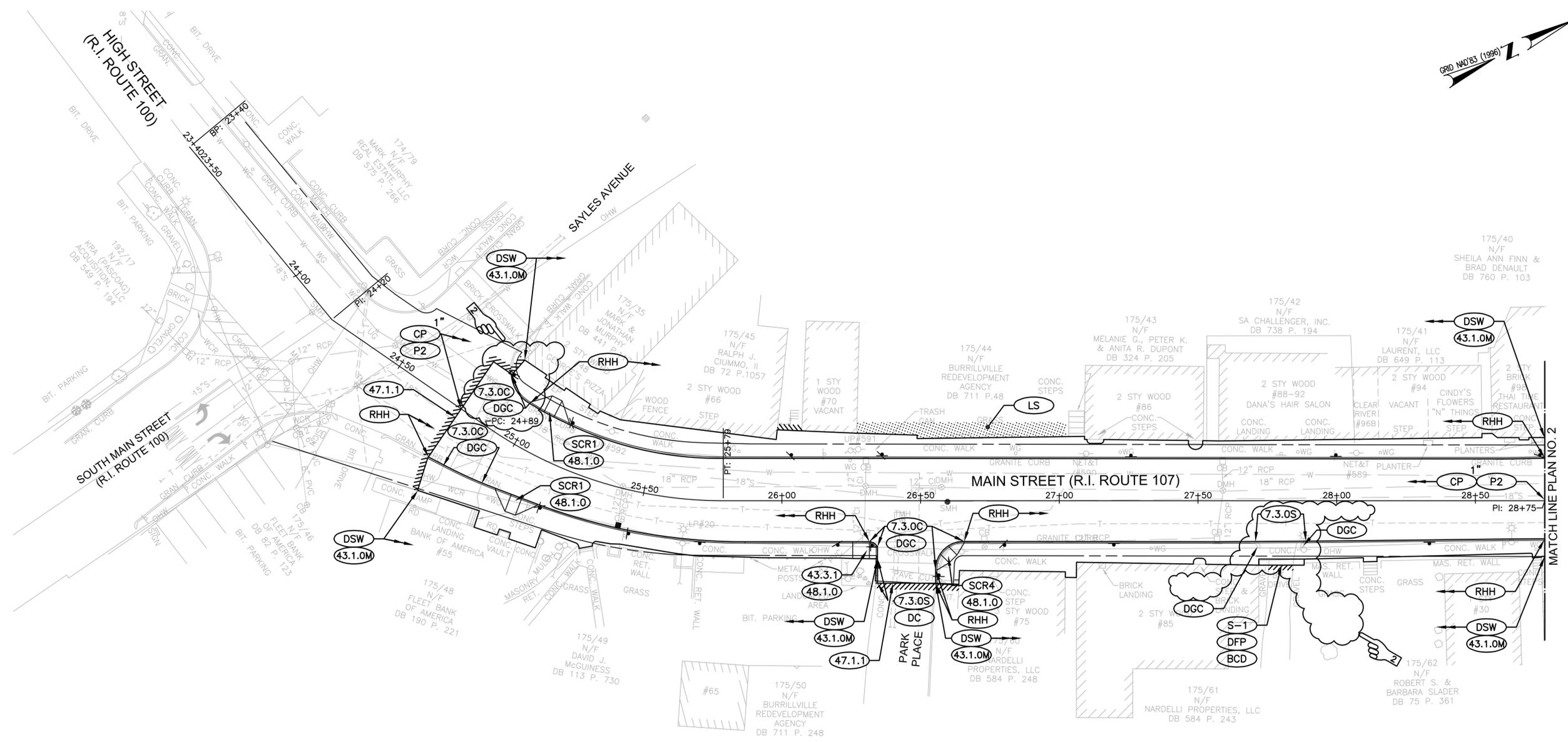
Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos: STP-RESF(297)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
161	915.9901 Cont.	28+79 L		1.00	0004	01
		28+88 L		1.00	0004	01
		29+72 L		1.00	0004	01
		30+04 R		1.00	0004	01
		30+20 R		1.00	0004	01
		30+37 R		1.00	0004	01
		31+02 R		1.00	0004	01
		31+16 R		1.00	0004	01
		32+16 R		1.00	0004	01
		32+82 R		1.00	0004	01
Item 915.9901 Total:				19.00		

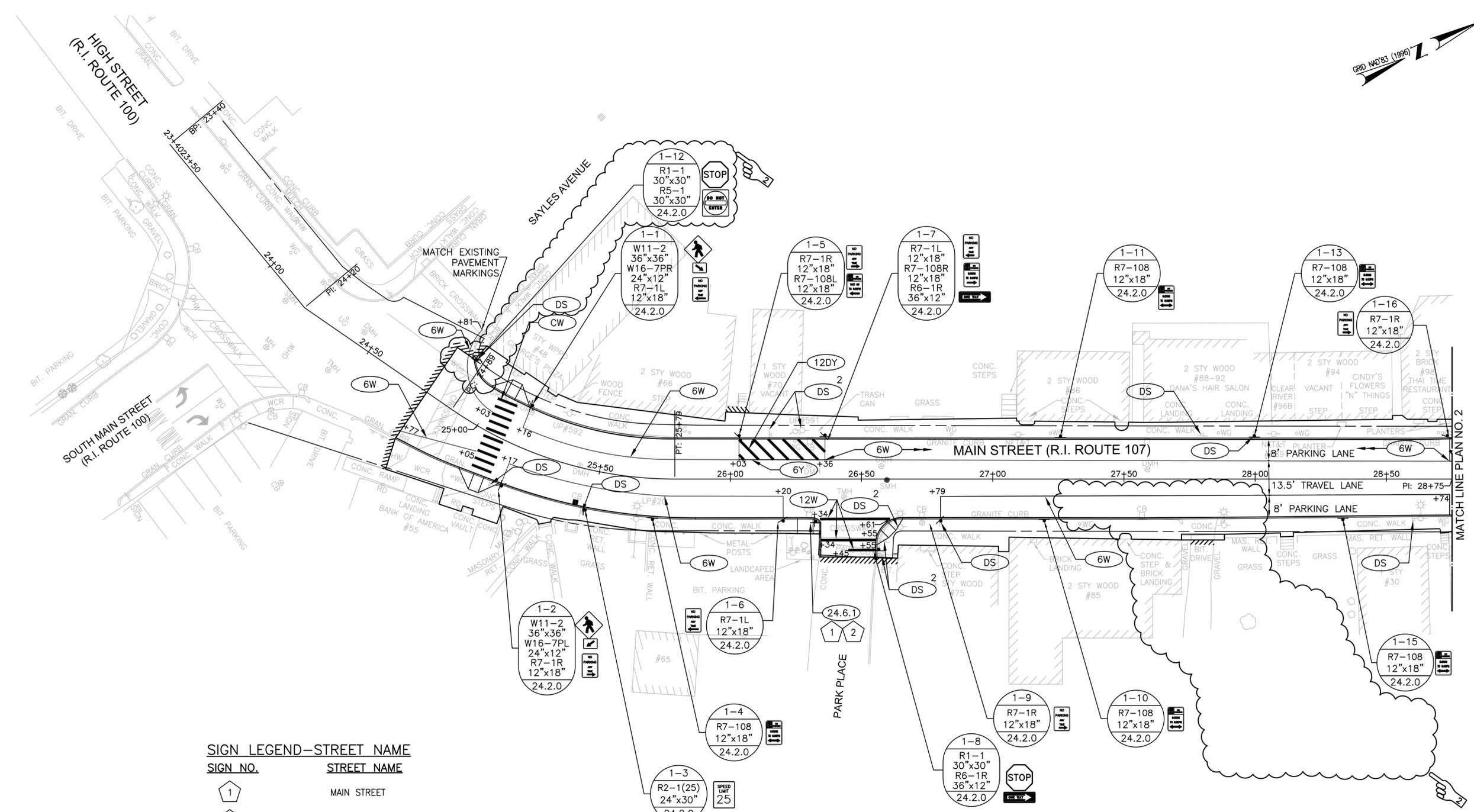


NOTE:
SEE LOCATION PLAN NO.1 FOR DISPOSITION OF THE RHODE ISLAND HIGHWAY BOUNDS (RIHB).



BRYANT ASSOCIATES
Engineers Surveyors Construction Managers
640 George Washington Hwy, Bldg. C, Suite 100
Lincoln, Rhode Island 02865

REVISIONS			RHODE ISLAND DEPARTMENT OF TRANSPORTATION	
NO.	DATE	BY		
1	11/2015	LGA		
			1R HIGHWAY IMPROVEMENTS TO MAIN STREET (RI ROUTE 107) FROM SAYLES AVENUE TO 250 FT WEST OF UNION AVENUE BURRILLVILLE RHODE ISLAND	
			GENERAL PLAN NO. 1	
			CHECKED BY _____	DATE _____
			SCALE 1"=20'	



SIGN LEGEND-STREET NAME

SIGN NO.	STREET NAME
1	MAIN STREET
2	PARK PLACE



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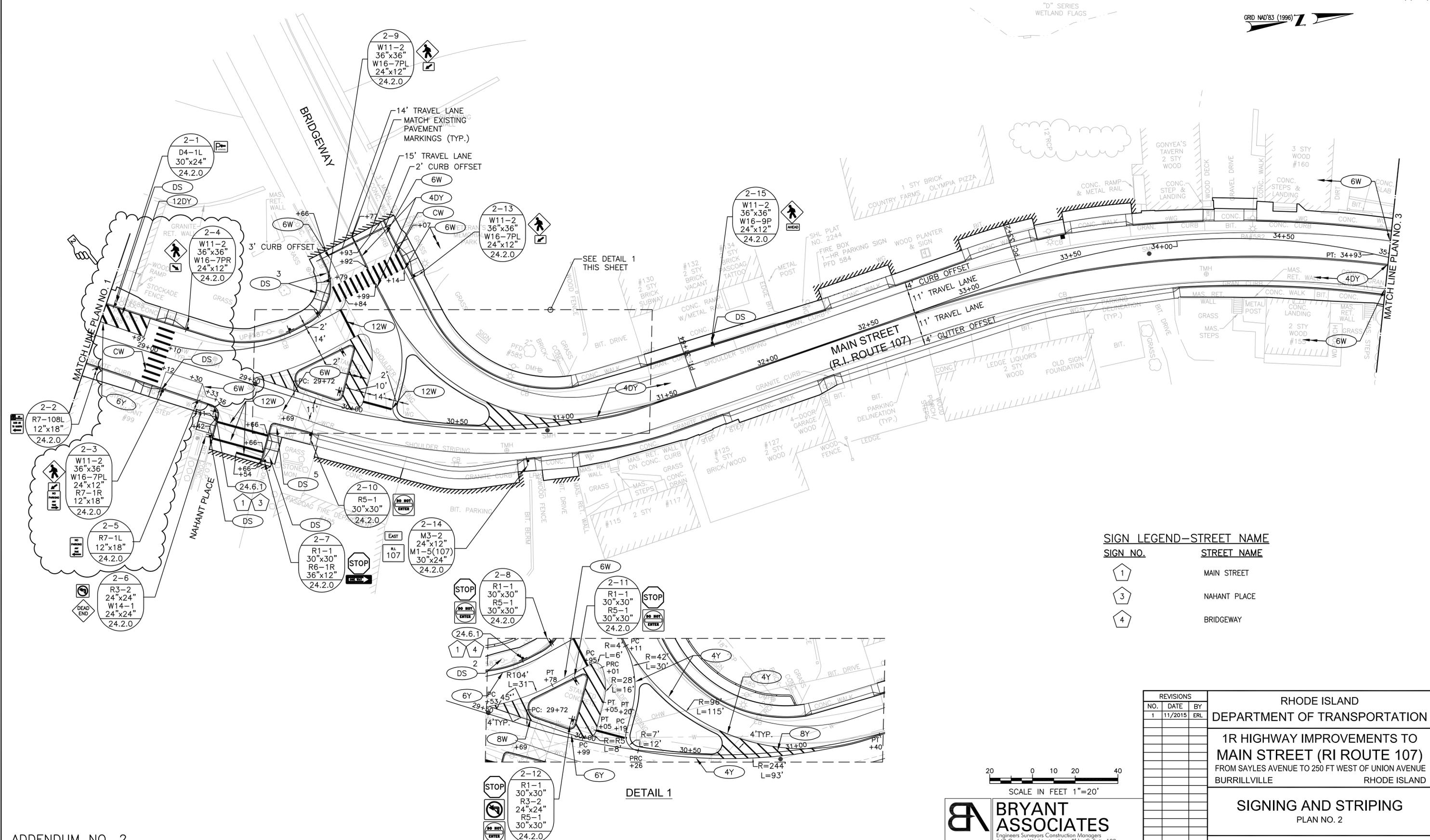
REVISIONS		
NO.	DATE	BY
1	11/2015	ERL

RHODE ISLAND
 DEPARTMENT OF TRANSPORTATION

**1R HIGHWAY IMPROVEMENTS TO
 MAIN STREET (RI ROUTE 107)**
 FROM SAYLES AVENUE TO 250 FT WEST OF UNION AVENUE
 BURRILLVILLE RHODE ISLAND

SIGNING AND STRIPING
 PLAN NO. 1

CHECKED BY _____ DATE _____ SCALE 1"=20'



SIGN LEGEND-STREET NAME

SIGN NO.	STREET NAME
1	MAIN STREET
3	NAHANT PLACE
4	BRIDGEWAY



BRYANT ASSOCIATES
 Engineers Surveyors Construction Managers
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REVISIONS		
NO.	DATE	BY
1	11/2015	ERL

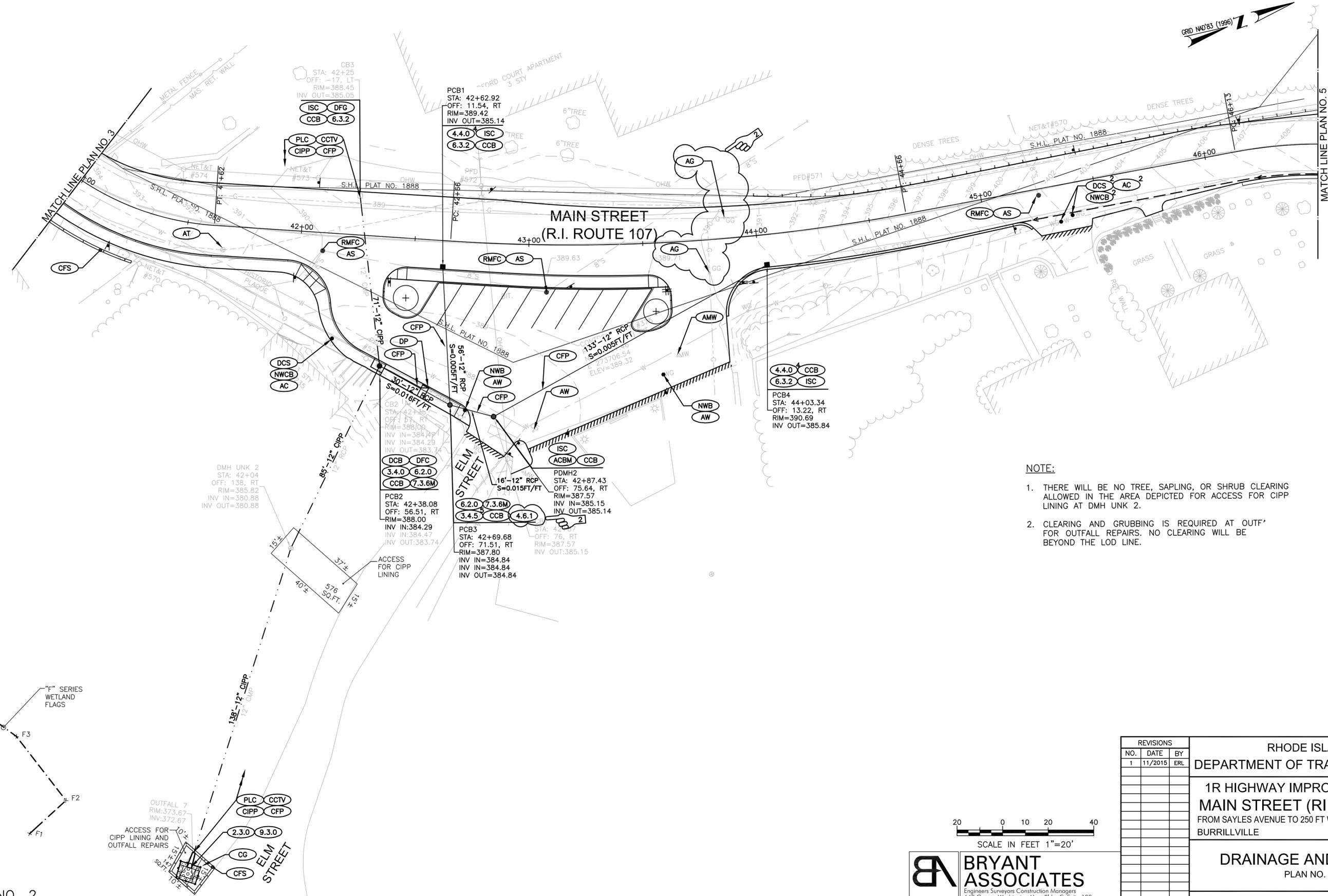
RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

**1R HIGHWAY IMPROVEMENTS TO
MAIN STREET (RI ROUTE 107)**
FROM SAYLES AVENUE TO 250 FT WEST OF UNION AVENUE
BURRILLVILLE RHODE ISLAND

SIGNING AND STRIPING
PLAN NO. 2

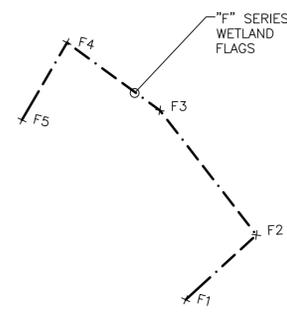
CHECKED BY _____ DATE _____ SCALE 1"=20'

ADDENDUM NO. 2



NOTE:

1. THERE WILL BE NO TREE, SAPLING, OR SHRUB CLEARING ALLOWED IN THE AREA DEPICTED FOR ACCESS FOR CIPP LINING AT DMH UNK 2.
2. CLEARING AND GRUBBING IS REQUIRED AT OUTFALL FOR OUTFALL REPAIRS. NO CLEARING WILL BE BEYOND THE LOD LINE.



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REVISIONS		
NO.	DATE	BY
1	11/2015	ERL

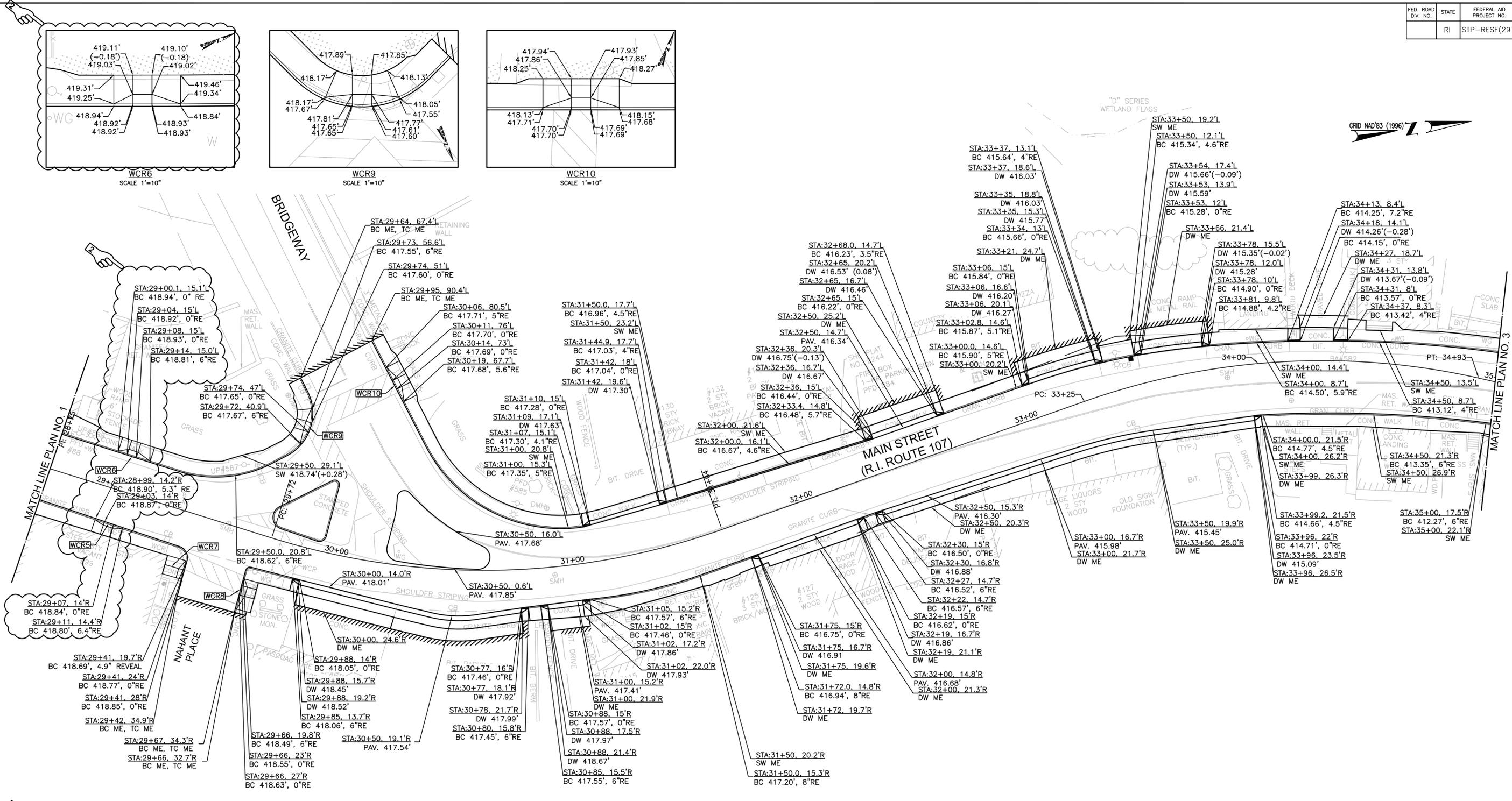
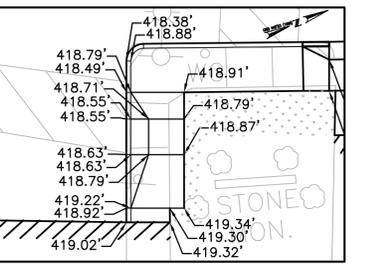
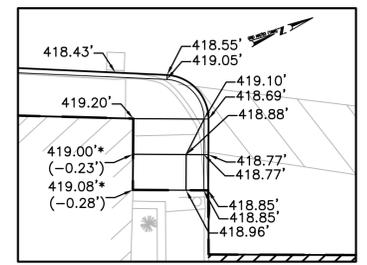
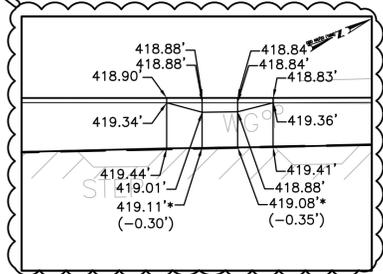
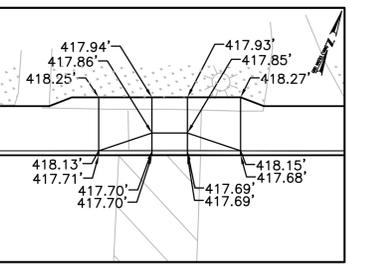
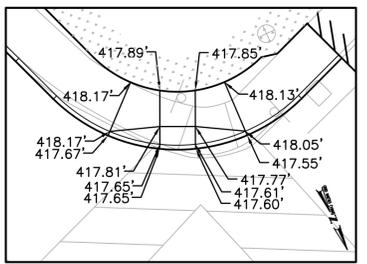
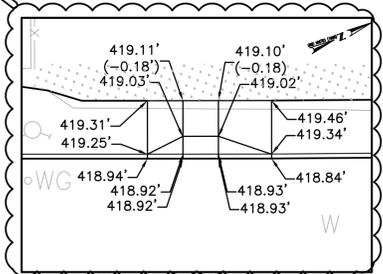
RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

**1R HIGHWAY IMPROVEMENTS TO
MAIN STREET (RI ROUTE 107)**
FROM SAYLES AVENUE TO 250 FT WEST OF UNION AVENUE
BURRILLVILLE RHODE ISLAND

DRAINAGE AND UTILITY
PLAN NO. 4

CHECKED BY _____ DATE _____ SCALE 1"=20'

ADDENDUM NO. 2



"D" SERIES WETLAND FLAGS



- LEGEND
- BC - BOTTOM OF CURB
 - BCD - BITUMINOUS CONCRETE DRIVEWAY
 - DW - DRIVEWAY
 - SW - SIDEWALK
 - GTD - GRADE PAVEMENT TO DRAIN TO DRAIN
 - ME - MATCH EXISTING
 - TC - TOP OF CURB
 - CR - CURB RAMP
 - HW - HEADWALL



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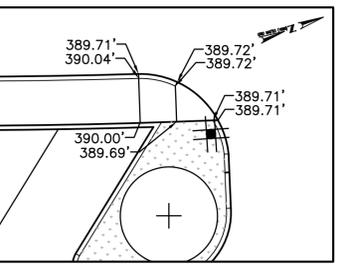
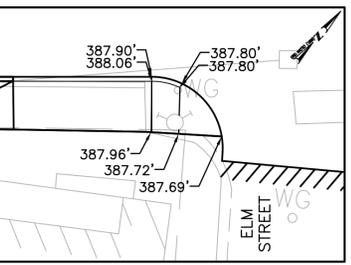
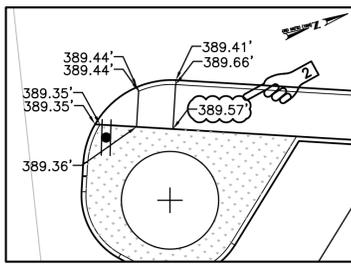
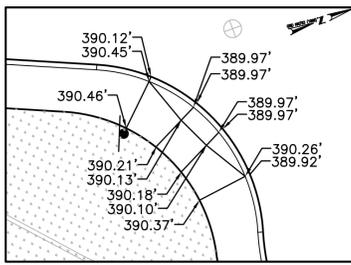
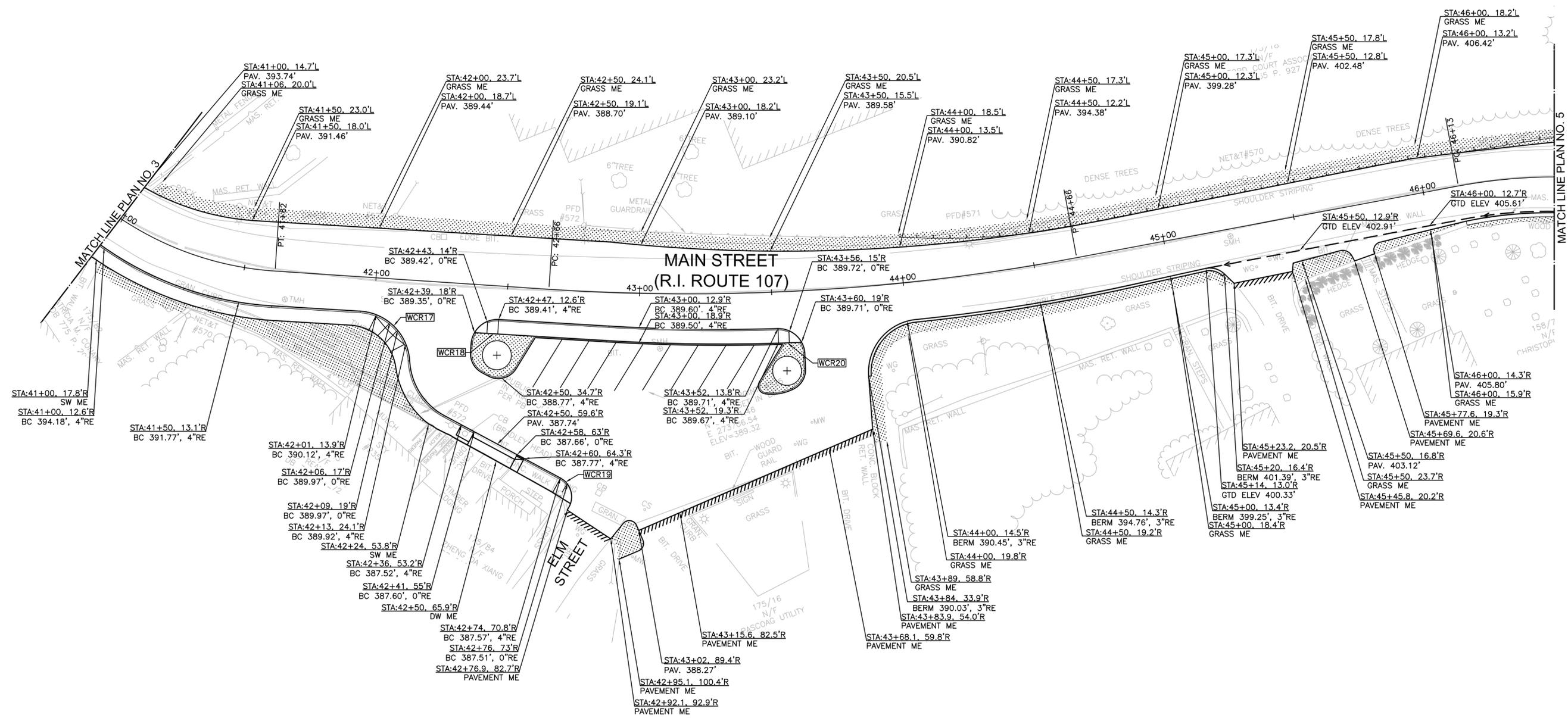
REVISIONS		
NO.	DATE	BY
1	11/2015	LGA

RHODE ISLAND
 DEPARTMENT OF TRANSPORTATION

**1R HIGHWAY IMPROVEMENTS TO
 MAIN STREET (RI ROUTE 107)**
 FROM SAYLES AVENUE TO 250 FT WEST OF UNION AVENUE
 BURRILLVILLE RHODE ISLAND

GRADE PLAN NO.2

CHECKED BY _____ DATE _____ SCALE 1"=20'



LEGEND

- BC - BOTTOM OF CURB
- BCD - BITUMINOUS CONCRETE DRIVEWAY
- DW - DRIVEWAY
- SW - SIDEWALK
- GTD - GRADE PAVEMENT TO DRAIN TO DRAIN
- TGTD - TOP OF GRADE PAVEMENT TO DRAIN
- ME - MATCH EXISTING
- TC - TOP OF CURB
- CR - CURB RAMP
- HW - HEADWALL



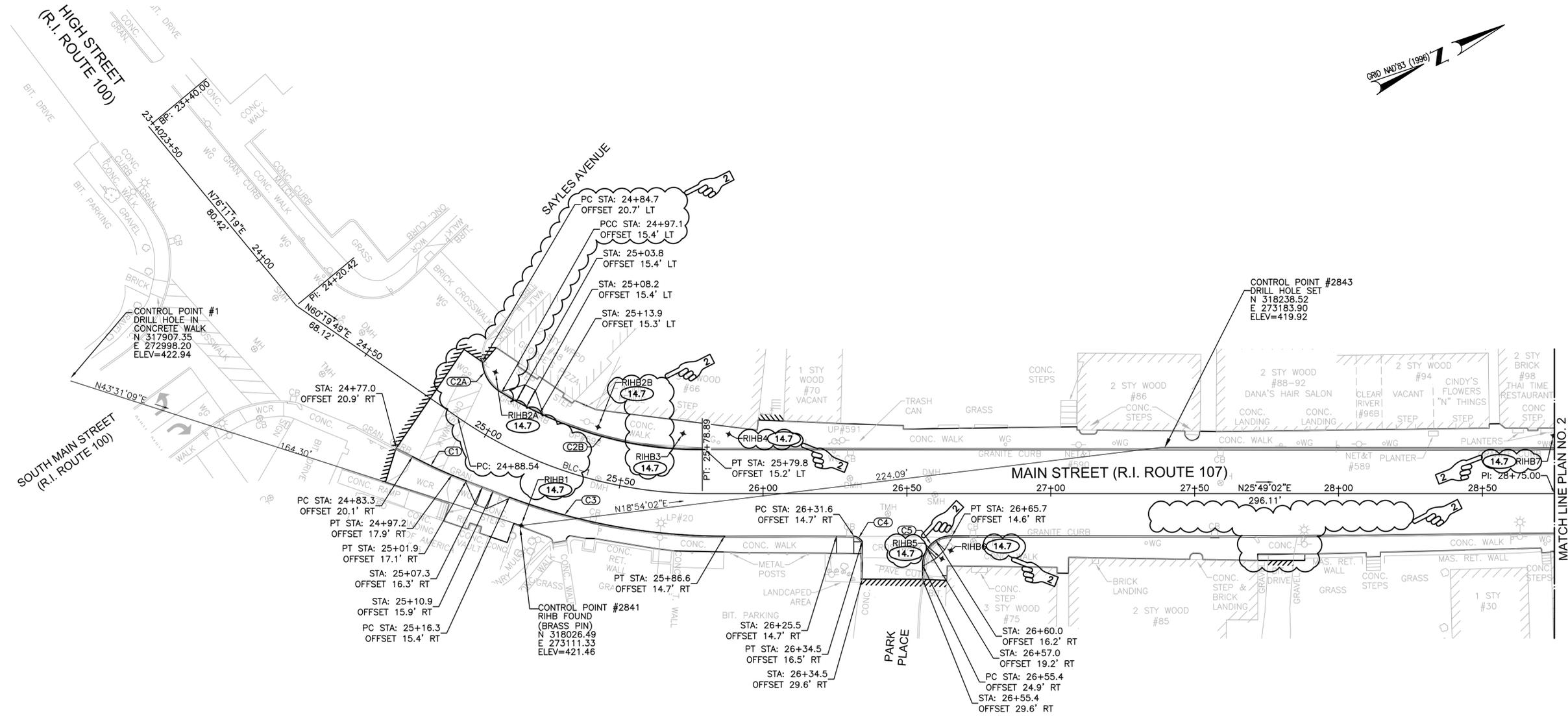
REVISIONS		
NO.	DATE	BY
1	11/2015	LGA

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

**1R HIGHWAY IMPROVEMENTS TO
MAIN STREET (RI ROUTE 107)**
FROM SAYLES AVENUE TO 250 FT WEST OF UNION AVENUE
BURRILLVILLE RHODE ISLAND

GRADE PLAN NO.4

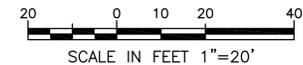
CHECKED BY _____ DATE _____ SCALE 1"=20'



RIHB	ELEVATION	NORTHING	EASTING
RIHB1	421.46	318026.49	273111.33
RIHB2A	421.26	318041.54	273059.73
RIHB2B	420.97	318065.40	273092.33
RIHB3	420.72	318090.98	273107.26
RIHB4		318105.23	273114.36
RIHB5	420.67	318153.13	273185.42
RIHB6	420.56	318157.10	273184.20
RIHB7	419.44	318362.98	273239.64

CURVE	RADIUS	LENGTH	TANGENT	DELTA	CHORD	POINT OF INTERSECTION	POINT OF CURVATURE	CENTER POINT	POINT OF TANGENCY
BLC-1	150.00'	90.35'	46.59'	34°30'47"	88.99'	N 318046.03 - E 273108.56	N 318022.96 - E 273068.07	N 318153.30 - E 272993.82	N 318087.97 - E 273128.85

CURVE	RADIUS	LENGTH	TANGENT	DELTA	CHORD
C1	155.00'	20.50'	10.26'	7°34'40"	20.49'
C2A	13.00'	13.00'	7.10'	57°14'56"	12.46'
C2B	132.40'	74.40'	38.22'	32°11'52"	73.44'
C3	212.00'	76.50'	38.67'	20°40'30"	76.09'
C4	4.00'	3.50'	1.88'	50°21'10"	3.40'
C5	10.00'	16.20'	10.55'	93°03'47"	14.52'



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 640 George Washington Hwy, Bldg. C, Suite 100
 Lincoln, Rhode Island 02865

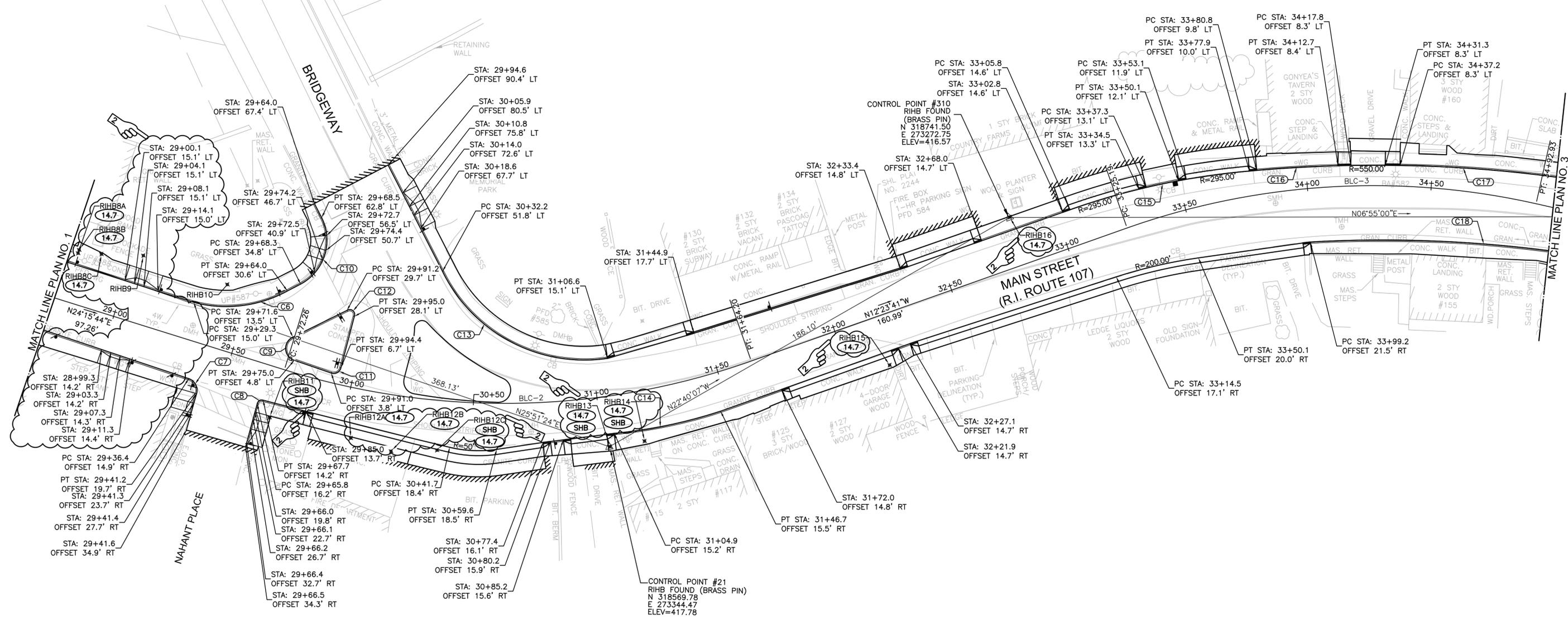
REVISIONS		
NO.	DATE	BY
1	11/2015	LGA

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

1R HIGHWAY IMPROVEMENTS TO
MAIN STREET (RI ROUTE 107)
 FROM SAYLES AVENUE TO 250 FT WEST OF UNION AVENUE
 BURRILLVILLE RHODE ISLAND

LOCATION PLAN NO. 1

CHECKED BY _____ DATE _____ SCALE 1"=20'

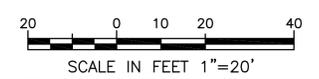


CURVE	RADIUS	LENGTH	TANGENT	DELTA	CHORD
C6	52.00'	39.00'	20.47'	42°58'19"	38.09'
C7	5.00'	7.50'	4.66'	85°56'39"	6.82'
C8	2.00'	3.00'	1.86'	85°49'31"	2.73'
C9	5.00'	12.00'	12.89'	137°35'09"	9.32'
C10	20.00'	31.00'	19.59'	88°48'44"	27.99'
C11	3.00'	5.00'	3.30'	95°30'02"	4.44'
C12	2.00'	5.10'	6.39'	145°14'55"	3.82'
C13	64.00'	80.50'	46.56'	72°04'02"	75.30'
C14	200.00'	44.00'	22.09'	12°36'18"	43.91'
C15	295.00'	13.50'	6.75'	2°37'19"	13.50'
C16	550.00'	33.00'	16.50'	3°26'16"	33.00'
C17	550.00'	100.00'	50.14'	10°25'03"	99.86'
C18	528.00'	160.90'	81.10'	17°27'59"	160.32'

CURVE	RADIUS	LENGTH	TANGENT	DELTA	CHORD	POINT OF INTERSECTION	POINT OF CURVATURE	CENTER POINT	POINT OF TANGENCY
BLC-2	300.00'	191.94'	99.38'	36°39'25"	188.68'	N 318533.80 - E 273338.61	N 318443.20 - E 273297.77	N 318566.47 - E 273024.27	N 318630.87 - E 273317.28
BLC-3	300.00'	167.75'	86.13'	32°02'15"	165.57'	N 318872.23 - E 273264.24	N 318788.10 - E 273282.72	N 318852.50 - E 273575.73	N 318953.34 - E 273293.19

RIHB	ELEVATION	NORTHING	EASTING
RIHB8A		318366.15	273241.13
RIHB8B		318366.76	273239.88
RIHB8C	419.30	318375.49	273242.65
RIHB9	419.52	318392.24	273245.30
RIHB10	419.24	318424.49	273260.98
RIHB11	418.79	318434.92	273316.05
RIHB12A	418.63	318466.47	273328.29
RIHB12B	418.53	318481.97	273335.53
RIHB12C	417.71	318500.47	273337.35

RIHB	ELEVATION	NORTHING	EASTING
RIHB13	417.56	318569.95	273344.46
RIHB14	417.73	318584.15	273343.96
RIHB15	417.04	318686.18	273325.71
RIHB16	416.57	318741.56	273272.60



BRYANT ASSOCIATES
 Engineers Surveyors Construction Managers
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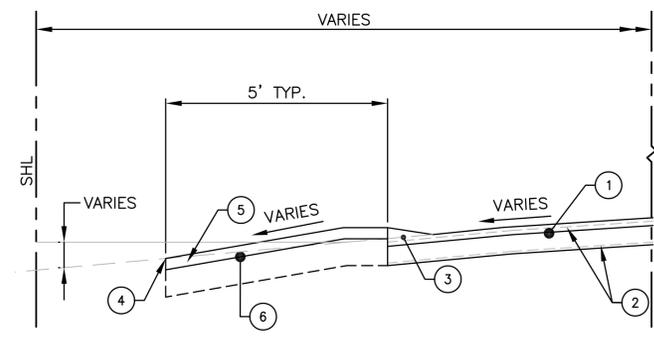
REVISIONS		
NO.	DATE	BY
1	11/2015	LGA

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

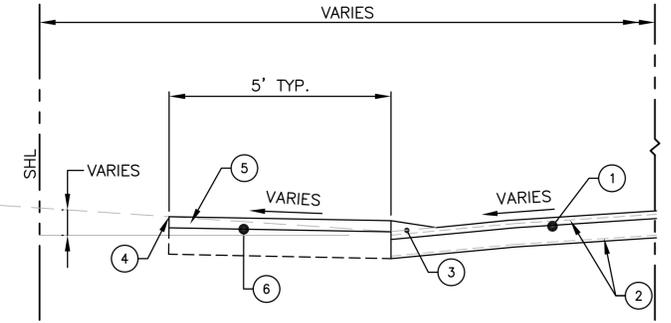
1R HIGHWAY IMPROVEMENTS TO
MAIN STREET (RI ROUTE 107)
 FROM SAYLES AVENUE TO 250 FT WEST OF UNION AVENUE
 BURRILLVILLE RHODE ISLAND

LOCATION PLAN NO. 2

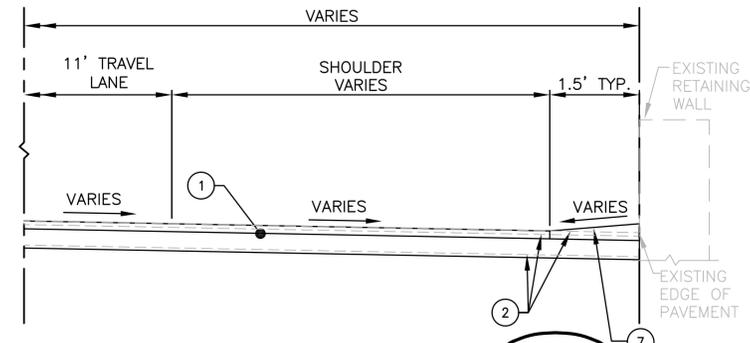
CHECKED BY _____ DATE _____ SCALE 1"=20'



**BITUMINOUS CONCRETE DRIVEWAY
GRADE BELOW PROPOSED ROADWAY GRADE (BCD)**
(NOT TO SCALE)



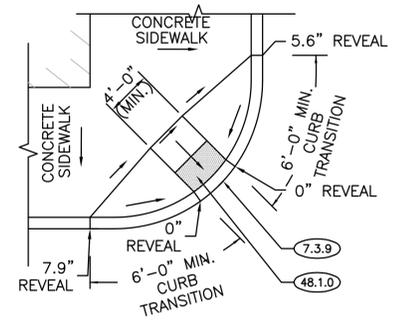
**BITUMINOUS CONCRETE DRIVEWAY
GRADE ABOVE PROPOSED ROADWAY GRADE (BCD)**
(NOT TO SCALE)



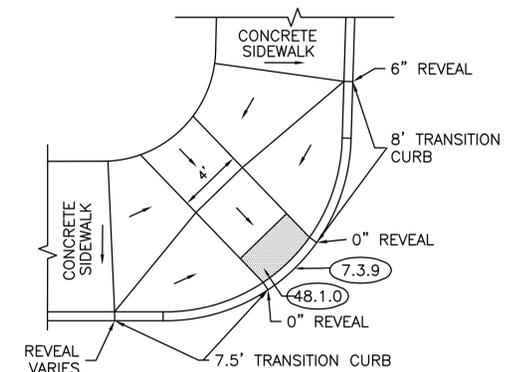
GRADE TO DRAIN DETAIL (GTD)
(NOT TO SCALE)

LEGEND

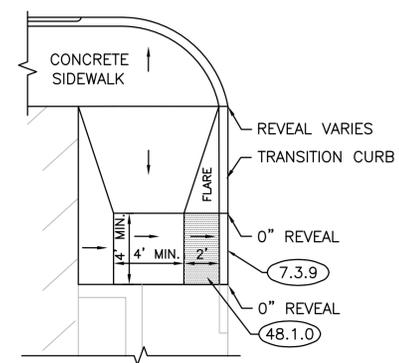
- ① PROPOSED ROADWAY PAVEMENT
- ② EXISTING ROADWAY STRUCTURE
- ③ BITUMINOUS BERM R.I. STD. 7.5.1A MODIFIED, CLASS 12.5 MODIFIED/ GRADE TO DRAIN, SEE GENERAL PLANS AND DRAINAGE AND UTILITY PLANS FOR LOCATIONS.
- ④ FULL DEPTH SAW CUT FOR EXISTING BITUMINOUS DRIVEWAYS
- ⑤ REMOVE AND DISPOSE EXISTING FLEXIBLE PAVEMENT
- ⑥ EXISTING BITUMINOUS DRIVEWAYS:
THICKNESS TO MATCH EXISTING PAVEMENT
EXISTING GRAVEL DRIVEWAYS:
3 INCHES CLASS 12.5 HMA FOR MISCELLANEOUS WORK
8 INCHES GRAVEL BORROW
- ⑦ GRADE TO DRAIN: CLASS 12.5 HMA FOR MISCELLANEOUS WORK



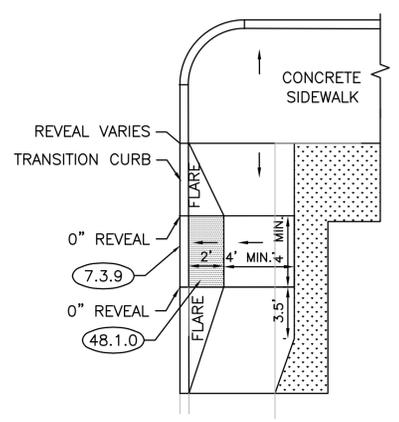
SPECIAL CURB RAMP, TYPE 4 (SCR4)
(NOT TO SCALE)



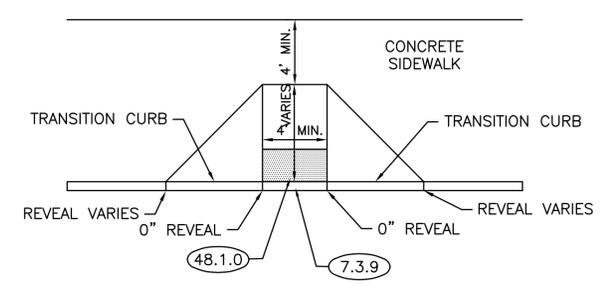
SPECIAL CURB RAMP, TYPE 2 (SCR2)
(NOT TO SCALE)



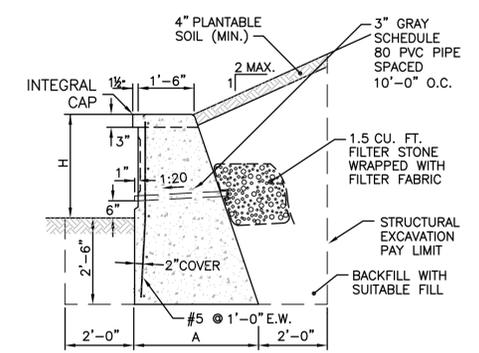
SPECIAL CURB RAMP, TYPE 3 (SCR3)
(NOT TO SCALE)



SPECIAL CURB RAMP, TYPE 5 (SCR5)
(NOT TO SCALE)

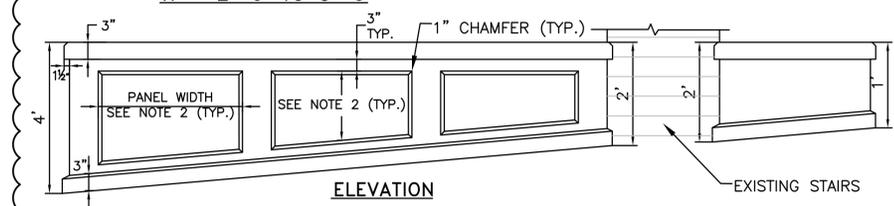


SPECIAL CURB RAMP, TYPE 1 (SCR1)
(NOT TO SCALE)



DIMENSIONS AND QUANTITIES			
H	A	E	C.F./L.F. OF WALL
2'-0"	3'-3"	2'-6"	10.69
3'-0"	3'-8"	2'-6"	14.21
4'-0"	4'-1"	2'-6"	18.14
5'-0"	4'-6"	2'-6"	22.50

H = 2'-0" TO 5'-0"



- NOTES:**
- THE RETAINING WALL FRONT FACE SHALL BE VERTICAL, WITH RECESSED PANELS.
 - THE CONTRACTOR SHALL LAYOUT THE PANELS IN SUCH A MANNER TO HAVE THE SAME PANEL LENGTHS AND SPACING, WITH THE PANEL HEIGHT VARYING WITH WALL HEIGHT.
 - THE WALL SHALL BE CONSTRUCTED LEVEL IN ORDER TO ALLOW SOIL BACKFILL TO COVER THE FOUNDATION UP TO THE CURRENT ELEVATION OF THE EXISTING SOIL.
 - THE RETAINING WALL INTEGRAL CAP SHALL OVERHANG ON FRONT/OUTSIDE ENDS ONLY.

CONCRETE RETAINING WALL (MODIFIED) (10.3.0M)
(NOT TO SCALE)

REVISIONS			RHODE ISLAND DEPARTMENT OF TRANSPORTATION	
NO.	DATE	BY	1R HIGHWAY IMPROVEMENTS TO MAIN STREET (RI ROUTE 107) FROM SAYLES AVENUE TO 250 FT WEST OF UNION AVENUE BURRILLVILLE RHODE ISLAND	
1	11/2015	LGA		
			DETAILS SHEET NO. 2	
			CHECKED BY	DATE
			SCALE NO SCALE	

BRYANT ASSOCIATES
Engineers Surveyors Construction Managers
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Lincoln, Rhode Island 02865

SPECIAL NOTICE

PROPOSAL

Project Name - 1R Improvements to Rt. 107

Estimate Name - Addendum No. 2

R.I. Contract No. - 2015-CH-065

FAP Nos - STP-RESF(297)

All items in the Proposal must have a unit bid price in words and figures. All unit bid prices must be extended. Bids will not be accepted if they contain no unit price for an item or if they contain zero in words and figures as the unit price bid.

The minimum acceptable bid price for:

Code 212.2000, CLEANING AND MAINTENANCE OF EROSION CONTROLS is Five Thousand Dollars And No Cents (\$5,000.00) per LS

Code 907.0100, WATER FOR DUST CONTROL is Fourteen Dollars And Fifty Cents (\$14.50) per MGAL

Code 907.0200, CALCIUM CHLORIDE FOR DUST CONTROL (PROJECT WIDE) is Three Hundred Dollars And No Cents (\$300.00) per TON

Code 914.5010, FLAGPERSONS is Forty Nine Dollars And Fifty Cents (\$49.50) per MHRS

Code 914.5020, FLAGPERSONS - OVERTIME is Sixty Three Dollars And Fifty Cents (\$63.50) per MHRS

Code 937.0200, MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION is Ninety Thousand Dollars And No Cents (\$90,000.00) per LS

Code 943.0200, TRAINEE MAN-HOURS is Six Dollars And No Cents (\$6.00) per MHRS

The only acceptable bid price for:

Code 201.9906, DISPOSAL FEE FOR SOIL IMPACTED BY HAZARDOUS MATERIAL is One Dollar And No Cents (\$1.00) per EACH

Items preceded with the letter "S" in the proposal are Specialty Items.

Revised: 2/19/2002

Total or gross sum of bid for Rhode Island Contract Number: 2015-CH-065

Federal-Aid Project Number(s): STP-RESF(297)

WRITTEN IN WORDS:

The undersigned bidder declares that this Proposal is made without connection with any other person or persons making proposals for the same work, and is in all respects fair and without collusion or fraud. The undersigned bidder submits herewith, a proposal guarantee in the form of a bid bond in favor of the State of Rhode Island in the amount of 5% of the total or gross sum of the bid and agrees and consents that the proposal guarantee shall be forfeited to the State as liquidated damages if the required contract agreement and contract bond are not executed within ten(10) days of the notice of award. All surety companies must be listed with The Department of the Treasury, Fiscal Services, Circular 570, (Latest Revision published by The Federal Register). The State reserves the right to retain the surety of all bidders until the successful bidder enters into the Contract or until such time as the award or cancellation of the Contract is announced at which point Sureties will be returned to all bidders by the State of Rhode Island, Office of Purchases. The undersigned bidder further agrees, if awarded the contract on this proposal, to begin work within ten (10) calendar days after the date of execution of the contract unless otherwise specified under special provisions or permitted by the Engineer, and further agrees to complete the work on or before the dates outlined in the Contract Documents.

COMPLETION DATE(S)

DESCRIPTION	DATE
Substantial Completion Date	October 21, 2016
Bid-Opening Date	December 2, 2015
Pre-Bid Date	November 12, 2015
Advertise Date	October 30, 2015

THE BIDDER ACKNOWLEDGES RECEIPT OF THE FOLLOWING:

ADDENDA	DATE POSTED	DOCUMENT(S)	PAGE
NO.1	November 4, 2015	1. Status Certification for: Debarment, Eligibility, Indictments, Convictions or Civil Judgements	1
NO.2	November 25, 2015	2. Anti-Collusion Certificate	2
		4. DBE Affirmative Action Certification	3 - 9
		3. Disclosure of Lobbying Activities	