

August 28, 2019

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION  
DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES BID NO. 7598917

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2019-CH-031

FEDERAL-AID PROJECT NO. FAP Nos: BRB-RICAP(001), RTP-BRBW(006)

**Blackstone River Bikeway Repairs**

300 feet South of Willow Way Bridge No. 1042 (Lincoln), to 500 feet North of Maple Street (Lincoln).

CITY/TOWN OF Cumberland, Lincoln

COUNTY OF PROVIDENCE

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 1 Prospective bidders and all concerned are hereby notified of the following changes in the Plans, Specifications, Proposal and Distribution of Quantities for this contract. These changes shall be incorporated in the Plans, Specifications, Proposal and Distribution of Quantities, and shall become an integral part of the Contract Documents.

**A. GENERAL PROVISIONS - CONTRACT SPECIFIC**

1. Index

Delete Page CS-i in its entirety and replace it with revised Page CS-i(R-1) attached to this Addendum No. 1. Some paragraphs have shifted pages.

2. Notice to Contractors

Delete Page CS-3 in its entirety and replace it with revised Page CS-3(R-1) attached to this Addendum No. 1. Additional language has been added and existing language has been revised within the "Notice to Contractors" paragraph. Additionally, note that the table within the "Sequence of Construction" paragraph was reformatted.

3. Pages CS-4 through CS-7

Delete Pages CS-4 through CS-7 in their entirety and replace them with revised Pages CS-4(R-1) through CS-7(R-1) attached to this Addendum No. 1. There was reformatting and some text revisions. Note that the website for Training within the "Transportation Management Plan" paragraph has been revised.

**B. SPECIFICATIONS – JOB SPECIFIC**

1. Index

Delete Page JS-i in its entirety and replace it with revised Page JS-i(R-1) attached to this Addendum No. 1. The Job Specific Specification for Item Code 105.02 has been added.

2. Code 935.9901 - Flat Tooth Grinding at Match Lines  
Delete Page JS-9 in its entirety and replace it with revised Page JS-9(R-1) attached to this Addendum No. 1. The description section has been modified.
3. Code 105.02 - Plans and Shop Drawings  
Insert new Pages JS-16 and JS-17 attached to this Addendum No. 1. Item Code 105.02 – Plans and Shop Drawings has been added.

**C. DISTRIBUTION OF QUANTITIES**

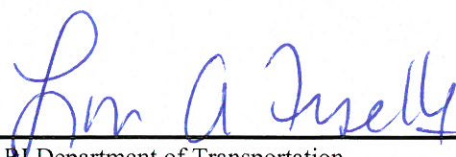
1. Table of Contents - Distribution of Quantities  
Delete Pages Index 1 through Index 2 in their entirety and replace them with revised Pages Index 1 (R-1) through Index 2(R-1) attached to this Addendum No. 1. Item Codes 201.0409, 201.9901, 202.0300, 302.0100, and 401.3000 have been revised. Item Code T20.3405 has been added and Item Code T20.1405 has been deleted.
2. Item Codes 201.0409, 201.9901, and 202.0300  
Delete Pages 1 through 3 in their entirety and replace with revised Pages 1(R-1) through 3(R-1) attached to this Addendum No. 1. Item Codes 201.0409, 201.9901, and 202.0300 have been revised.
3. Item Codes 202.0300, 302.0100, and 401.3000  
Delete Pages 5 and 6 in their entirety and replace with revised Pages 5(R-1) and 6(R-1) attached to this Addendum No. 1. Item Codes 202.0300, 302.0100, and 401.3000 have been revised.
4. Item Code T20.1405  
Delete Page 15 in its entirety and replace it with revised Page 15(R-1) attached to this Addendum No. 1. Item Code T20.1405 has been deleted.
5. Item Code T20.3405  
Insert new Page 20 attached to this Addendum No. 1. Item Code T20.3405 has been added.

**D. OTHER ITEM CHANGES**

1. Proposal  
Minimum acceptable bid prices have been added for Item Codes 212.2100, 907.0100, 914.5010, 914.5020, and 937.0200.

**E. PLANS**

1. Volume 2 – Blackstone River Bikeway Segment 5: RIC 9750  
General Plan and Profile No. 13 – Delete Sheet 18 in its entirety and replace it with revised Sheet 18 (R-1) attached to this Addendum No. 1. The length of repair work at station 174+50 has been revised.
2. Volume 2 – Blackstone River Bikeway Segment 6: RIC 2000-CH-045  
General Plan and Profile No. 9 – Delete Sheet 15 in its entirety and replace it with revised Sheet 15 (R-1) attached to this Addendum No. 1. The length of repair work at station 91+00 has been revised.



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RI Department of Transportation  
Administrator, Division of Project Management

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**GENERAL PROVISIONS – CONTRACT SPECIFIC**

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APPENDIX A – Transportation Management Plan  
APPENDIX B – Small Site Stormwater Pollution Prevention Plan  
APPENDIX C – NBC Sewer Alteration Permit Application

once the Contractor commences the removal of any pavement and gravel borrow subbase, he shall install new gravel borrow subbase and new pavement (both base and surface courses) by the end of the work day.

In areas of pavement edge drop-offs at the bikepath shoulders, particularly after removing the split rail fence, the Contractor shall place Traffic Cones along the edge until such time as the plantable soil has been installed.

Note the following:

- For tree removal, stumps are to be left in place.
- For signs that are to be removed and stockpiled, the stockpile location will be Lincoln Woods State Park Main Office/Maintenance Garage at 2 Manchester Print Works Rd, Lincoln, RI 02865. The cost of delivery is incidental to the item.
- Noted in the Volume 2 plans, there are specific areas where the mechanical root pruning cannot exceed 15 inches. The known locations where this needs to occur are noted on the plans.

## 6. **SEQUENCE OF CONSTRUCTION**

One week prior to the Pre-Construction Conference the Contractor must submit for Department approval a detailed construction work sequence and time schedule for the completion of all work associated with this contract and the requirements it contains. Approval of the work sequence and time schedule is required before the start of any construction or other work associated with this contract. Any deviations from the requirements stated here or shown in the Plans, as well as any deviations from the approved construction work sequence and time schedule, must be submitted to the Engineer in writing for approval.

Access along the path segment shall be closed to all users during active construction work operations. Upon the Engineer's approval, the Contractor shall coordinate the required traffic control.

**BRIDGES:** The Contractor shall be aware of the following Bridges within the project limits which have load restrictions:

Name	Bridge Number	2 Axle Restriction (Tons)	3 Axle Restriction (Tons)
Willow Way Bridge	104201	15	28
TowPath Bridge	104301	11	18
Kelly House Bridge	017901	28	36
Sneech Bridge	104601	21	30
Albion Bridge	104701	31	37
Mussey Brook Bridge	104801	78	100
Unnamed Culvert - Lincoln	NA	15	15
Martin St. Bike Path Bridge	106001	63	78
Ashton River Bridge	104401	18	32

Before starting construction activities that require traffic control, the Contractor shall furnish and install all traffic control. All temporary construction signs shall be removed, covered, or otherwise concealed when they are not needed to properly warn drivers and/or pedestrians.

Any variations from the Traffic Control Plan shall require written approval from the Engineer prior to implementation of said variations. Any and all traffic control must conform to the latest edition of the Manual on Uniform Traffic Control Devices with Addenda. All traffic control devices shall be in place by the Contractor and approved by the Engineer prior to starting construction.

During non-working hours (including evenings, weekends, and holidays) the path shall be open to the public.

Safe access and egress to side streets must be maintained at all times. The Contractor shall be compensated for this under Item Code 937.0200 – “Maintenance and Movement Traffic Protection.

All work must be performed in a manner to cause the least disruption to existing vehicular and pedestrian traffic for as short a period of time as possible. When work commences in such areas, it shall be expeditiously completed without unnecessary interruptions.

The Contractor shall note the schedule required by Section 108.03 of the Compilation of Approved Specifications, is a Level C Schedule.

**7. COORDINATION WITH THE RIDOT COMMUNICATIONS OFFICE AND RIDEM**

**The Contractor shall notify the RIDOT at least twenty-one (21) days in advance of the bike path closure so that adequate public notice can be given.**

It shall be the Contractor’s responsibility to give work schedules and daily progress updates to the Resident Engineer for coordination with DOT Communications Office, DOT Natural Resources Unit (NRU) and DEM.

**The Resident Engineer will notify the following individuals 21 days prior to the bike path closure:**

- 1) RIDOT COMMUNICATIONS OFFICE
- 2) Erik Johnstone (563-4289) of DOT NRU office
- 3) William Mitchell, Superintendent of Parks at RIDEM [william.mitchell@dem.ri.gov](mailto:william.mitchell@dem.ri.gov), (401)667-6204

**8. STATE AND LOCAL POLICE COMPENSATION**

It will be the responsibility of the Resident Engineer to retain the services of police with cruisers for traffic control and protection for this project. The Contractor will not be required to bid on or compensate for the services of the police.

**9. STORAGE OF CONSTRUCTION MATERIALS AND/OR EQUIPMENT**

In addition to the requirements of Division 1 Part 100 Section 106.06 “Storage of Materials” of the Rhode Island Standard Specification for Road and Bridge Construction, Amended March 2018, with all revisions, the Contractor shall submit for approval the location of Material & Equipment storage to RIDOT.

There shall be no parking or storage of construction equipment within the dripline of any trees.

**10. DAMAGE TO EXISTING UTILITY STRUCTURES**

It is the Contractor's responsibility to ensure that all utility companies have been notified and all utilities have been marked prior to commencing their work. Any damage to existing utilities shall be replaced or repaired to the satisfaction of the Engineer at no additional cost to the State.

**11. RIGHT OF WAY AND DAMAGE TO PROPERTY**

The Contractor shall take all precautions to avoid damaging paving, utilities, or private properties and shall promptly repair (in-kind) at his own expense any damage to such paving, utilities, or private property to the satisfaction of the Engineer. The Contractor shall assume all risk and liability for his equipment on site during both working and non-working hours.

**12. COORDINATION WITH OTHER PROJECTS**

The Contractor is advised that other construction may be taking place in the area, and it will be the responsibility of the Contractor to coordinate his work so that it will be completed in a timely manner. It is the responsibility of the Contractor to positively coordinate his activities and schedule with all other Rhode Island Department of Transportation (RIDOT) and private developers or contractors, on or adjacent to the site, to ensure that construction delays do not occur and traffic is maintained.

**13. MAINTENANCE OF PUBLIC ACCESS**

The Contractor must strictly adhere to Section 905.03.1 of the Rhode Island Standard Specification for Road and Bridge Construction, Amended March 2018, with all revisions regarding sidewalk reconstruction. The Contractor, at his own expense, shall keep the streets, highways, roads, private walks and sidewalks, in which he may be at work, open for pedestrian and vehicular traffic at all times unless otherwise authorized by the Engineer in writing. **A sufficient number of flaggers or police shall be present at all times to warn any users that there is an active work zone or that the bike path is closed.**

**14. TRANSPORTATION MANAGEMENT PLAN**

Included as Appendix A to these Contract Specific General Provisions is the Transportation Management Plan (TMP) for this project. The TMP lays out the set of coordinated transportation management strategies that will be used to manage the work zone safety and mobility impacts of this project. In the event of a discrepancy between information in the TMP and information elsewhere in the Contract Documents, the former shall govern.

The Contractor's attention is called to the Standard Specifications **SECTION 103.02 – POST-QUALIFICATION REQUIREMENTS AND AWARD OF CONTRACT**, which describes the requirements for the Contractor's designation of a TMP Implementation Manager for the Contract.

The Contractor's attention is called to the Standard Specifications **SECTION 105.21 – WORK ZONE TRAINING**, which describes the requirements for the training of all Contractor and Subcontractor personnel involved in work zone design, implementation, operation, inspection, management, and/or enforcement.

*The Department's latest Training Guidelines for Personnel Responsible for Work Zone Safety & Mobility are available under the "Work Zone Safety & Mobility" section at: <http://www.dot.ri.gov/business/contractorsandconsultants.php>.*

**15. PLACEMENT OF PAVEMENT MARKINGS AND ASPHALT EMULSION**

Asphalt Emulsion shall be applied on existing and new pavement surfaces. For application of asphalt emulsion on new pavement surfaces, the Contractor shall wait at least 2 weeks before applying the asphalt emulsion.

All existing striping must be replaced "in-kind" unless otherwise specified. It is the Contractor's responsibility to reflect the exact location of all existing pavement markings on to the newly finished surface of the bike path. The Contractor shall make the necessary arrangement to enable him to re-establish these locations prior to commencing the pavement removal.

**For the entire length of Segment 5 and Segment 6, existing pavement markings shall be removed prior to the placement of the asphalt emulsion.**

**Epoxy resin pavement markings shall be placed on the final wearing surface no sooner than two weeks after the Asphalt Emulsion has been placed, but no later than four weeks from the completion of the Asphalt Emulsion operation.**

**16. DISPOSAL OF SURPLUS MATERIALS**

All existing or other materials not required or needed for use on the project, and not required to be removed and stockpiled, shall become the property of the Contractor and shall be removed from the site during the construction period and legally disposed of. No separate payment will be made for this work, but all costs in connection therewith shall be included in the unit bid prices for this contract.

**17. WINTER SHUTDOWN**

The winter shutdown shall be as described in Section 101.80 of the Rhode Island Standard Specifications.

- A. No longitudinal or lateral drop offs will be permitted anywhere within the project limits.
- B. All non-applicable construction signing has been removed or covered.
- C. All disturbed and seeded areas have been stabilized to prevent erosion and material loss. During winter shutdown, straw shall be utilized to prevent erosion on the slopes. No separate payment will be made for this work. All costs in connection therewith shall be considered incidental to the contract.



**18. PRE-BID CONFERENCE**

There will be no pre-bid conference for this project.

**19. STABILIZATION OF DISTURBED AREAS**

All areas disturbed through excavation or the placement of bikeway embankment shall be loamed and seeded as soon as it practicable. The Contractor shall take care to ensure that siltation and erosion within the limits of disturbance are minimized throughout the life of the project.

**20. NARRAGANSETT BAY COMMISSION SEWER ALTERATION PERMIT**

Adjustment and/or modification to NBC manholes may be required by the work proposed in this Contract.

**The State's Contractor shall:**

- A. Apply for and obtain a Sewer Alteration Permit prior to the start of any work. The cost of this work is incidental. See Appendix C which contains a Sewer Alteration Permit Application.
- B. Comply with all NBC permit requirements including but not limited to the requirement for a debris platform in NBC manholes.
- C. Adjust or reconstruct NBC manholes per NBC requirements and as directed by the Engineer.
- D. Provide NBC 24/7 access to all of its assets within the project limits.

**21. TREE ROOT PRUNING – HAND PRUNING**

For activities involving removal of the existing pavement and gravel borrow subbase, the Contractor is to be aware that tree roots may require hand pruning, in addition to mechanical tree and shrub root pruning. This hand work is considered incidental to the contract. There shall be no separate payment for this work.

**INDEX****SPECIFICATIONS – JOB SPECIFIC**

<b><u>CODE</u></b>	<b><u>TITLE</u></b>	<b><u>PAGE</u></b>
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201.9901	Remove & Dispose Flexible Pavement in Sensitive Tree Root Areas	JS-2
212.1000	Maintenance & Cleaning of Erosion and Pollution Controls	JS-3
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902.9901	Steel Bollard	JS-6
904.9901	Wood Fence Post	JS-7
907.1000	Dust Control	JS-8
935.9901	Flat Tooth Grinding at Match Lines	JS-9
936.	Mobilization and DeMobilization	JS-11
937.1000	Maintenance & Movement of Traffic Protection Devices	JS-13
938.1000	Price Adjustments	JS-14
L.02.1000	Seeding	JS-15
105.02	Plans and Shop Drawings	JS-16

**935.9901  
 FLAT TOOTH GRINDING AT MATCH LINES**

**DESCRIPTION:** This specification is intended to cover a hydraulically driven asphalt bump grinding and line removal skid steer attachment. This attachment is used for smoothing asphalt surfaces by grinding the area above the zero point. Additionally, the equipment’s flat tooth grinding technology can be used to remove pavement markings. Diamond grinding is an acceptable substitute to achieve this flat tooth grinding technology. This item of work shall occur at any locations where there are pavement joints such as at all existing pavement cut and match lines and at all new pavement cut and match lines that are introduced by means of the Contract work.

**EQUIPMENT:  
 FLAT TOOTH GRINDER SPECIFICATIONS:**

Grinding Width	13”	25”	37”	49”
Grinding Depth	0-1”	0-1”	0-1”	0-1”
Number of bits	60	72	106	140
Hydraulic Horsepower (HHP) Requirement	30	45	60	70
Operating Weight (lbs)	1800	2600	3000	3400
Planetary Capacity	19 oz (Half Full)			
Planetary Lubrication	90 Weight Gear oil with EP additives			

**Drive System:** The drum shall be driven by a hydraulic motor that turns a reduction gearbox. The drum must be supported on the opposite end by an outboard flanged cartridge bearing.

**Housing:** The unit shall be equipped with a rotatable housing that must be able to rotate right to left and rotate forward to back to insure the unit rides on the existing profile of the road. The unit shall have minimum of 8 swivel casters to support the housing’s load.

**Averaging Ski:** The unit shall be equipped with an averaging ski and must be able to be adjustable with a minimal ski width of 1’ and a maximum ski length of 9’.

**Gutter Brooms:** The unit shall be equipped with two cutter brooms that are located on both the right and the left side of the unit directly in front of the adjustable casters to move debris away from the casters.

**Mechanism for Setting Depth:** The unit shall be equipped with a manual device for setting depth. The device must have a minimum of a 2” diameter threaded rod that can be moved up and down to adjust accordingly to find the zero point. The unit shall have the ability to double nut to lock into a fixed position.

**Front Skirt:** The unit shall be equipped with a skirt type device. This device will also reduce the amount of debris that could be ejected from the dome by acting as a shield.

Remove **Subsection 105.02, Plans and Shop Drawings**, pages 1-32 and 1-33 of the RI Standard Specifications for Road and Bridge Construction in its entirety and replace it with the following:

## **JOB SPECIFIC**

### **PLANS AND SHOP DRAWINGS**

**105.02 Plans and Shop Drawings.** Plans shall be supplemented by Contractor-prepared Shop Drawings as necessary to control the Work and its prosecution. Shop Drawings consisting of details that are not included in the Plans but required for the Work shall be furnished to the Department. Copies of any calculations required or used to prepare the Shop Drawings shall be furnished with the submission. Manufacturer's engineering data for prefabricated material, including that for falsework and forms shall be furnished with each set of Shop Drawings.

- 1) The Contractor shall submit to the Department for approval or documentation, the necessary Shop Drawings in a timely manner so as not to adversely affect the Contractor's accepted schedule. The Contractor shall not perform work for items requiring shop drawings before receiving approval of the corresponding Shop Drawings. This approval shall neither confer upon the State nor relieve the Contractor of any responsibility for the accuracy and completeness of the drawings, conformity with Contract requirements and successful completion of the Contract. Prior to approval of the Contractor's shop drawing, the Contractor bears all risk and all costs of delays for items related to the respective shop drawing.
- 2) Shop Drawings illustrate the Contractor's way it intends to carry out the design concepts contained in the Contract and are not part of the Contract. The Contractor's submission of a Shop Drawing represents to the Engineer that the Contractor (i) coordinated the Shop Drawing with the Contract; (ii) verified and measured the field dimensions and other information; (iii) calculated all details, construction and performance criteria; and (iv) reviewed and accepted the Shop Drawings as its means and methods.
- 3) Submission of Shop Drawings. All shop drawings shall be submitted in a timely fashion such that the Contractor's accepted schedule will not be adversely impacted by the submittal process.  
Shop drawing submittals shall be via PDF files submitted electronically by the Contractor into the Department's web-based Project Management Portal(PMP), per RIDOT procedure posted in the Documents Tab. Each shop drawing submittal shall be accompanied by design computations, cuts from manufacturers' catalogs, and/or all other supporting technical bulletins and data. Upon the Department's request, once shop drawings have been approved or approved as noted, the Contractor shall submit for the record four (4) hard copy sets of shop drawings to the Department
- a) All Shop Drawings shall be stamped by a Rhode Island Registered Professional Engineer. The stamping of Shop Drawings shall be in accordance with the applicable requirements of the Rhode Island Board of Registration for Professional Engineers, or other Boards of Professional Registration, as applicable.
- 4) **Approval of Shop Drawings** All shop drawings will be reviewed and returned to the

Contractor for appropriate action within 45 calendar days from receipt of the submission or resubmission, or as detailed in the Contract.

- a) Shop drawings that are found to be erroneous, lacking required Professional Engineer stamps, lacking information necessary to control construction, or not in conformance with accepted design criteria will be rejected and returned to the Contractor. The Contractor shall address the Engineer's comments and resubmit revised shop drawings.
  - b) Shop drawings designated "Approved-As-Noted" may be used by the Contractor to commence corresponding work subject to satisfying the written conditions of the approval; such shop drawings shall be revised according to the notes (as applicable) and transmitted to the Engineer within fourteen calendar days of such approval.
- 5) There shall be no claims for additional payment by the Contractor, nor will there be an extension of time under Section 108.03 for delays resulting from resubmissions due to incomplete Shop Drawings; for the time taken by the Contractor to submit revised Shop Drawings caused by an erroneous submission; or by a previous submission either lacking the information necessary to control construction; or for not conforming to accepted design criteria. In addition, the Engineer's review time of the revised Shop Drawings will not constitute justification for an extension of time.
- 6) The Contract price includes the cost of furnishing all Shop Drawings, including resubmissions

**Table of Contents - Distribution of Quantities**

Project Name - Blackstone River Bikeway Repairs

Estimate Name - Addendum No. 1

R.I. Contract No. - 2019-CH-031

FAP Nos: BRB-RICAP(001), RTP-BRBW(006)

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<b>201.0409</b>	<b>REMOVE AND DISPOSE FLEXIBLE PAVEMENT</b>	<b>1</b>
201.0608	REMOVE AND STOCKPILE DIRECTIONAL REGULATORY AND WARNING SIGNS	2
<b>201.9901</b>	<b>REMOVE AND DISPOSE FLEXIBLE PAVEMENT IN SENSITIVE TREE ROOT AREAS</b>	<b>3</b>
201.9902	REMOVE AND DISPOSE BOLLARD BASE	3
<b>202.0300</b>	<b>UNCLASSIFIED EXCAVATION</b>	<b>3</b>
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Estimate Name - Addendum No. 1

R.I. Contract No. - 2019-CH-031

FAP Nos: BRB-RICAP(001), RTP-BRBW(006)

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### Distribution of Quantities

Project Name - Blackstone River Bikeway Repairs

Estimate Name - Addendum No. 1

R.I. Contract No. - 2019-CH-031

FAP Nos: BRB-RICAP(001), RTP-BRBW(006)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
001	201.0301	<b>CUTTING AND DISPOSING ISOLATED TREES AND STUMPS (4"- 24")</b>	<b>EACH</b>			
		SEGMENT 5				
		GP3: 79+80 LT		1.00	0028	01
		GP7: 119+40 LT		1.00	0028	01
		GP7: 119+60 LT		1.00	0028	01
		GP8: 122+00 LT		1.00	0028	01
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		SEGMENT 6				
		GP2: 25+10 LT		1.00	0028	01
		<b>Item 201.0301 Total:</b>		<b>6.00</b>		
002	201.0302	<b>CUTTING AND DISPOSING ISOLATED TREES AND STUMPS (24'' OR PLUS)</b>	<b>EACH</b>			
		SEGMENT 5				
		GP6: 109+50 LT		1.00	0028	01
		SEGMENT 6				
		GP2: 25+00 RT		1.00	0028	01
		<b>Item 201.0302 Total:</b>		<b>2.00</b>		
003	201.0409	<b>REMOVE AND DISPOSE FLEXIBLE PAVEMENT</b>	<b>SY</b>			
		PROJECTWIDE				
		AS DIRECTED BY THE ENGINEER		150.00	0028	01
		SEGMENT 5				
		GP 10;145+00,(30'X10')/9		34.00	0028	01
		GP18;221+50(20'X10')/9		22.00	0028	01
		GP2;68+50,(10'X15')/9		17.00	0028	01
		GP3;79+50,(40'X10')/9		45.00	0028	01
		GP3;WILLOW WAY, 10+00(10'X10')/9		11.00	0028	01
		GP3;WILLOW WAY,14+00(130'X10')/9		145.00	0028	01



### Distribution of Quantities

Project Name - Blackstone River Bikeway Repairs

Estimate Name - Addendum No. 1

R.I. Contract No. - 2019-CH-031

FAP Nos: BRB-RICAP(001), RTP-BRBW(006)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
003	201.0409	Cont.				
		GP4;82+80,(20'X10')/9		23.00	0028	01
		GP5;92+50,(20'X10')/9		23.00	0028	01
		GP6;109+00,(40'X10')/9		45.00	0028	01
		GP7;119+00,(130'X10')/9		145.00	0028	01
		GP8;122+00,(140'X10')/9		156.00	0028	01
		GP8;128+50,(20'X10')/9		22.00	0028	01
		SEGMENT 6				
		GP11;110+00(15'X14')/9		23.00	0028	01
		GP12;122+30-123+00(70'X14')/9		109.00	0028	01
		GP13;123+00-123+75(75'X14')/9		117.00	0028	01
		G		661.00	0028	01
		P15;147+50-151+75(425'X14')/9				
		GP16;152+25,(20'X14')/9		31.00	0028	01
		GP16;153+00-153+40(40'X10')/9		45.00	0028	01
		G		173.00	0028	01
		P16;154+10-155+65(155'X10')/9				
		GP16;158+00,(20'X10')/9		23.00	0028	01
		GP16;158+50,(20'X10')/9		23.00	0028	01
		GP16;159+00,(50'X14')/9		78.00	0028	01
		GP3;27+00-30+50(350'X14')/9		545.00	0028	01
		GP3;30+50-35+25(475'X10')/9		528.00	0028	01
		GP4;35+25-37+50(225'X10')/9		250.00	0028	01
		GP4;37+50-39+00(150'X14')/9		233.00	0028	01
		GP4;40+00-41+00,(100'X14')/9		156.00	0028	01
		GP6;,58+50-59+25,(75'X10')/9		84.00	0028	01
		GP7;71+00,(10'X14')/9		16.00	0028	01
		GP9;91+00,(10'X14')/9		16.00	0028	01
<b>Item 201.0409 Total:</b>				<b>3,949.00</b>		
004	201.0608	REMOVE AND STOCKPILE DIRECTIONAL	EACH			
		REGULATORY AND WARNING SIGNS				
		PROJECTWIDE				
		STOP SIGNS BEING REPLACED ON		10.00	0028	01

### Distribution of Quantities

Project Name - Blackstone River Bikeway Repairs

Estimate Name - Addendum No. 1

R.I. Contract No. - 2019-CH-031

FAP Nos: BRB-RICAP(001), RTP-BRBW(006)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
004	201.0608 Cont.	BIKEWAY				
<b>Item 201.0608 Total:</b>				<b>10.00</b>		
005	201.9901	<b>REMOVE AND DISPOSE FLEXIBLE PAVEMENT IN SENSITIVE TREE ROOT AREAS</b>	<b>SY</b>			
		SEGMENT 5				
		GP13; 174+50 (10'X10')/9		11.00	0028	01
		GP13; 175+50 (25'X10')/9		28.00	0028	01
		SEGMENT 6				
		GP2; 20+50-21+75 (125'X14')/9		195.00	0028	01
		GP2; 23+00 (30'X14')/9		47.00	0028	01
		GP2; 24+80-25+50 (70'X14')/9		109.00	0028	01
<b>Item 201.9901 Total:</b>				<b>390.00</b>		
006	201.9902	<b>REMOVE AND DISPOSE BOLLARD BASE</b>	<b>EACH</b>			
		SEGMENT 5				
		GP2; 68+75		1.00	0028	02
		GP3; WILLOW WAY ACCESS, 10+10		1.00	0028	02
<b>Item 201.9902 Total:</b>				<b>2.00</b>		
007	202.0300	<b>UNCLASSIFIED EXCAVATION</b>	<b>CY</b>			
		PROJECTWIDE				
		AS DIRECTED BY THE ENGINEER		50.00	0028	01
		SEGMENT 5				
		GP10; 145+00		4.00	0028	01
		(30'X10')X(4"/12)/27				
		GP18; 221+50(20'X10'X1')/27		8.00	0028	01
		GP2;68+50 (10'X15'X1')/27		6.00	0028	01
		GP3; 79+50		5.00	0028	01
		(40'X10')X(4"/12)/27				
		GP3;WILLOW		4.00	0028	01
		WAY,10+00(10'X10'X1')/27				

### Distribution of Quantities

Project Name - Blackstone River Bikeway Repairs

Estimate Name - Addendum No. 1

R.I. Contract No. - 2019-CH-031

FAP Nos: BRB-RICAP(001), RTP-BRBW(006)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
007	202.0300	Cont.				
		(150'X14'X1')/27				
		GP4; 40+00-41+00		52.00	0028	01
		(100'X14'X1')/27				
		GP6; 58+50-59+25		28.00	0028	01
		(75'X10'X1')/27				
		GP7; 71+00 (10'X14'X1')/27		5.00	0028	01
		GP9; 91+00 (10'X14'X1')/27		5.00	0028	01
<b>Item 202.0300 Total:</b>				<b>1,209.00</b>		
008	204.0100	<b>TRIMMING AND FINE GRADING</b>	<b>SY</b>			
		PROJECTWIDE				
		FROM CODE L01.0102		1,422.00	0028	01
<b>Item 204.0100 Total:</b>				<b>1,422.00</b>		
009	206.0301	<b>COMPOST FILTER SOCK</b>	<b>LF</b>			
		PROJECT WIDE				
		AS DIRECTED BY ENGINEER		6,000.00	0028	01
<b>Item 206.0301 Total:</b>				<b>6,000.00</b>		
010	212.2100	<b>MAINTENANCE AND CLEANING OF</b>	<b>LS</b>			
		<b>EROSION AND POLLUTION CONTROLS</b>				
		PROJECTWIDE				
		PROJECTWIDE		1.00	0028	01
<b>Item 212.2100 Total:</b>				<b>1.00</b>		
011	302.0100	<b>GRAVEL BORROW SUBBASE COURSE</b>	<b>CY</b>			
		PROJECTWIDE				
		AS DIRECTED BY THE ENGINEER		50.00	0028	02
		SEGMENT 5				
		FROM CODE 202.0300		122.00	0028	02
		SEGMENT 6				
		FROM CODE 202.0300		1,037.00	0028	02
<b>Item 302.0100 Total:</b>				<b>1,209.00</b>		

### Distribution of Quantities

Project Name - Blackstone River Bikeway Repairs

Estimate Name - Addendum No. 1

R.I. Contract No. - 2019-CH-031

FAP Nos: BRB-RICAP(001), RTP-BRBW(006)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
012	401.3000	<b>CLASS 9.5 HMA</b>	<b>TON</b>			
		PROJECTWIDE				
		AS DIRECTED BY THE ENGINEER		37.00	0028	02
		SEGMENT 5				
		(		177.00	0028	02
		672SY)X(4")X(0.058338)TN/SYIN				
		SEGMENT 6				
		(		813.00	0028	02
		3,455SY)X(4")X(0.058338)TN/S				
		YIN				
<b>Item 401.3000 Total:</b>				<b>1,027.00</b>		
S013	416.9901	<b>ASPHALT EMULSION FOR BIKE PATHS</b>	<b>SY</b>			
		ASHTON RIVER BRIDGE 1044				
		APPROACHES				
		1+00-1+60(60'X14')/9		94.00	0028	01
		3+25-5+00((175'X14')/9		272.00	0028	01
		SEGMENT 5				
		177+00-201+00(12'X2400')/9		3,200.00	0028	01
		202+30-208+25(12'X595')/9		794.00	0028	01
		208+25-224+45(10'X1630')/9		1,811.00	0028	01
		68+50-71+50(14'X305')/9		475.00	0028	01
		71+50-177+00(10'X10,550')/9		11,722.00	0028	01
		MARTIN ST. BIKEPATH		222.00	0028	01
		RAMP;(200'X10')/9				
		WILLOW WAY ACCESS(10'X600')/9		667.00	0028	01
		SEGMENT 6				
		137+50-140+50(10'X300')/9		333.00	0028	01
		14+25-30+00(14'X1600')/9		2,489.00	0028	01
		140+50-153+00(14'X1250')/9		1,945.00	0028	01
		153+00-158+50(10'X550')/9		611.00	0028	01
		158+50-164+00(14'X550')/9		856.00	0028	01
		30+00-37+50(10'X750')/9		833.00	0028	01

**Distribution of Quantities**

Project Name - Blackstone River Bikeway Repairs

Estimate Name - Addendum No. 1

R.I. Contract No. - 2019-CH-031

FAP Nos: BRB-RICAP(001), RTP-BRBW(006)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S035	T15.0100	Cont.				
		GP9;93+00LT;R1-1;24"X24"		4.00	0028	02
		GP9;93+70RT;R9-7;12"X18"		1.50	0028	02
<b>Item T15.0100 Total:</b>				<b>87.90</b>		
S036	T15.1000	<b>STREET SIGN ASSEMBLY STD. 24.6.1</b>	<b>EACH</b>			
		SEGMENT 5				
		MARTIN ST		1.00	0028	01
		WILLOW WAY		1.00	0028	01
		SEGMENT 6				
		ALBION RD		2.00	0028	01
<b>Item T15.1000 Total:</b>				<b>4.00</b>		
S037	T20.1405	WATERBORNE PAINT PAVEMENT MARKING	EACH			
		SYMBOL - YIELD LINE TRIANGLE (ALL SIZES)				
		ASHTON RIVER BRIDGE 1044				
		APPROACH				
		5+40			0028	01
		SEGMENT 5				
		GP15;200+50			0028	01
		GP16;202+35			0028	01
		GP17;213+00			0028	01
		SEGMENT 6				
		GP17;163+80LT			0028	01
<b>Item T20.1405 Total:</b>					<b>**DELETED**</b>	
S038	T20.2412	<b>12 INCH WHITE FINAL EPOXY RESIN</b>	<b>LF</b>			
		<b>PAVEMENT MARKINGS</b>				
		ASHTON RIVER BRIDGE 1044				
		APPROACHES				
		CROSSWALK;5+00-5:30		140.00	0028	01
		STOP BARS - 2		14.00	0028	01
		MARTIN ST CANAL BRIDGE 774				

### Distribution of Quantities

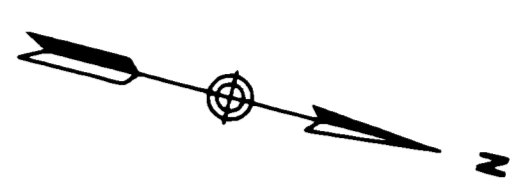
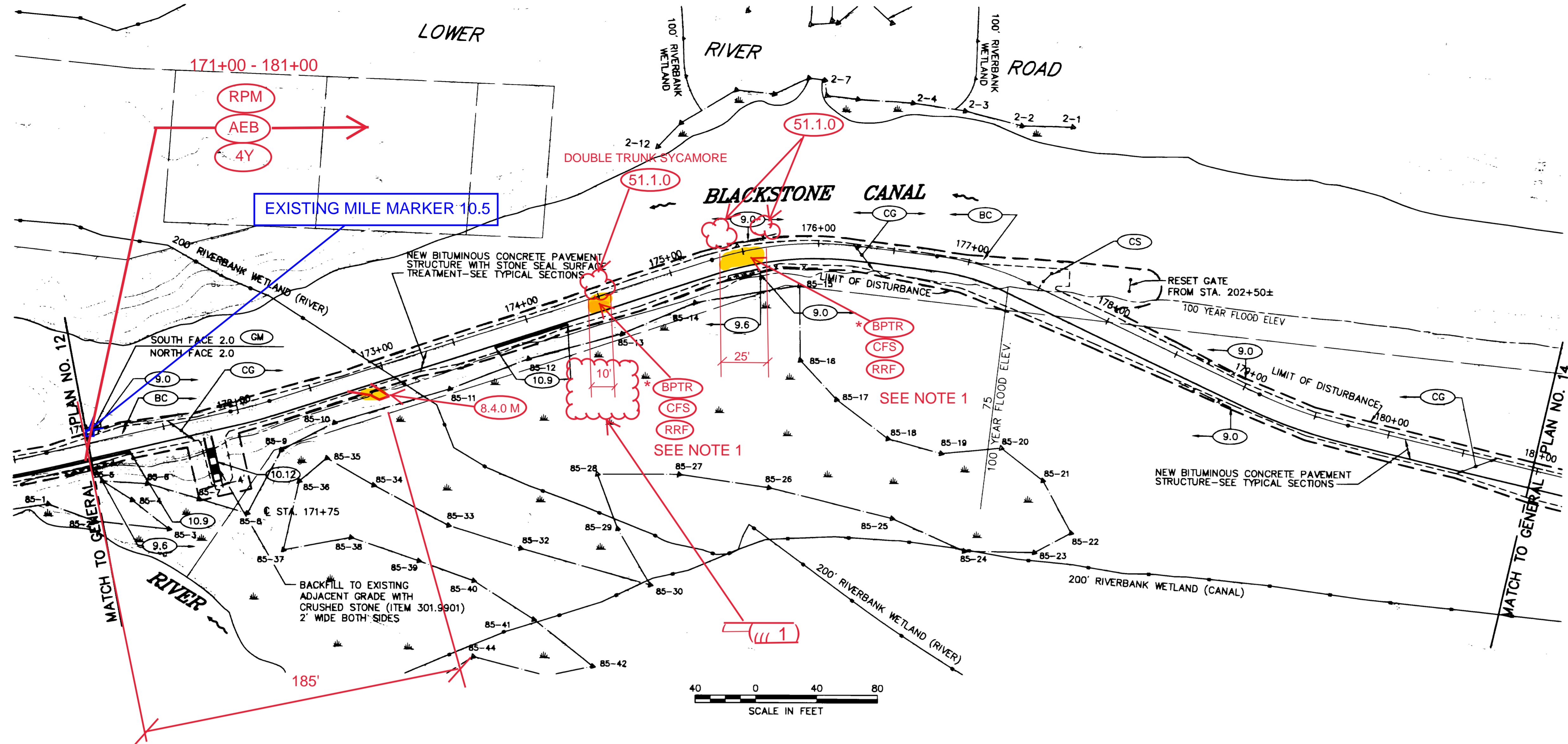
Project Name - Blackstone River Bikeway Repairs

Estimate Name - Addendum No. 1

R.I. Contract No. - 2019-CH-031

FAP Nos: BRB-RICAP(001), RTP-BRBW(006)

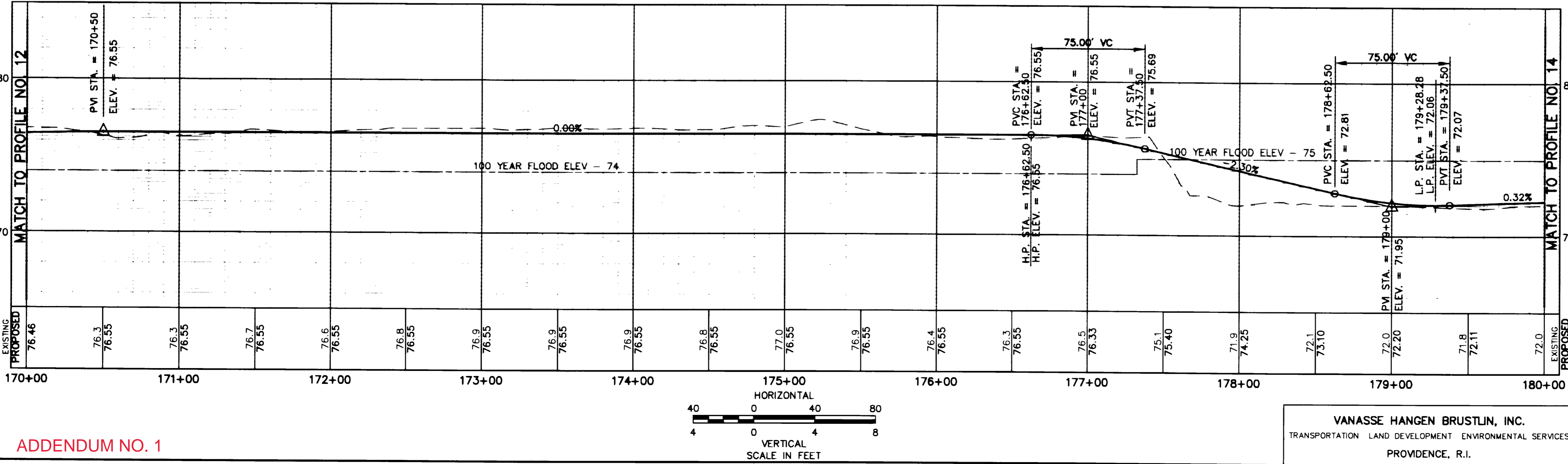
Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S049	T20.3405	FINAL EPOXY RESIN PAVEMENT MARKING	EACH			
		SYMBOL - YIELD LINE TRIANGLE (ALL SIZES)				
		ASHTON RIVER BRIDGE 1044				
		APPROACH				
		5+40		5.00	0028	01
		SEGMENT 5				
		GP15; 200+50		4.00	0028	01
		GP16; 202+35		4.00	0028	01
		GP17; 213+00		3.00	0028	01
		SEGMENT 6				
		GP17; 163+80		3.00	0028	01
<b>Item T20.3405 Total:</b>				<b>19.00</b>		



R.I.C. NO. 2019-CH-031

NOTES:

1) THERE WILL BE NO MECHANICAL ROOT PRUNING PERFORMED IN THESE AREAS. SEE DETAIL FOR BPTR.



ADDENDUM NO. 1

REVISIONS		
NO.	DATE	BY
1	8-23-19	AM

RHODE ISLAND  
DEPARTMENT OF TRANSPORTATION

**BLACKSTONE RIVER BIKEWAY  
SEGMENT 5**

LONSDALE (LINCOLN) OLD ASHTON (LINCOLN)

**GENERAL PLAN &  
PROFILE NO. 13**

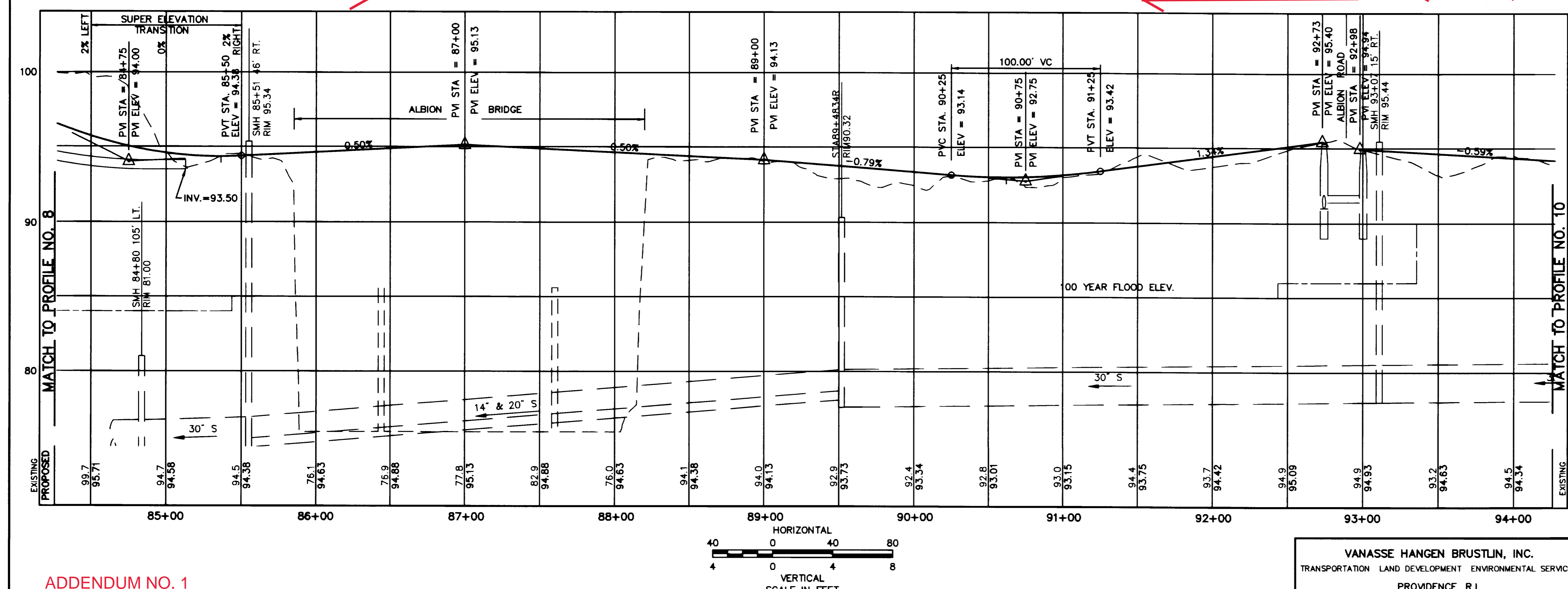
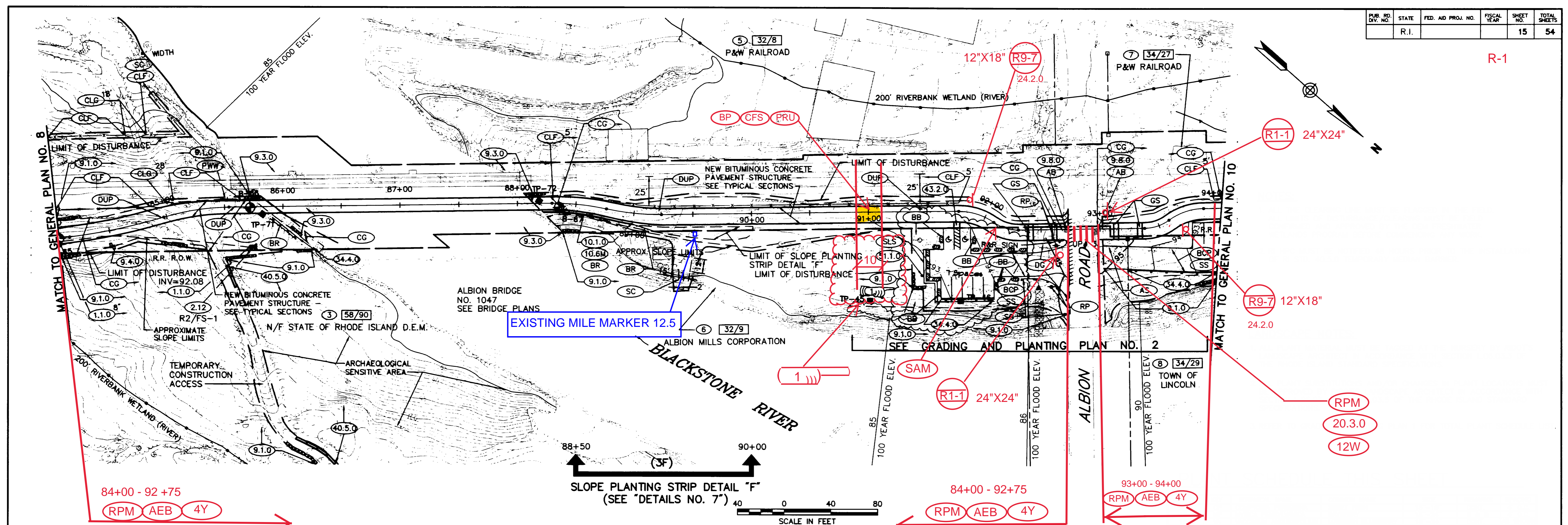
CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_ SCALE AS SHOWN

VANASSE HANGEN BRUSTLIN, INC.  
TRANSPORTATION LAND DEVELOPMENT ENVIRONMENTAL SERVICES  
PROVIDENCE, R.I.

CURRENT DATE: 08/28/19 11:25 by: MP  
CADD FILE NAME: 70462P



R-1



REVISIONS		
NO.	DATE	BY
1	8-23-19	AM

RHODE ISLAND  
DEPARTMENT OF TRANSPORTATION

**BLACKSTONE RIVER BIKEWAY  
SEGMENT 6**

ASHTON (CUMBERLAND) MANVILLE (LINCOLN)

**GENERAL PLAN &  
PROFILE NO. 9**

CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_ SCALE AS SHOWN

VANASSE HANGEN BRUSTLIN, INC.  
TRANSPORTATION LAND DEVELOPMENT ENVIRONMENTAL SERVICES  
PROVIDENCE, R.I.

ADDENDUM NO. 1