

**C O U N T Y O F U L S T E R**  
**PURCHASING DEPARTMENT**  
244 FAIR STREET  
KINGSTON, NEW YORK 12402  
(845) 340-3400/FAX (845) 340-3434

MICHAEL P. HEIN.  
County Executive



MARC RIDER  
Director of Purchasing  
  
EDWARD JORDAN, CPPB  
Deputy Director of Purchasing

**RFB-UC18-152C**  
***REBID ASHOKAN RAIL TRAIL PROJECT***  
***ADDENDUM #1***  
**June 12, 2018**

The following addendum adds to, modifies, or deletes from the drawings and specifications issued in accordance with the bid documents originally dated May 31, 2018 and answers vendor questions. This addendum is hereby made a part of the Contract Document as though it was originally included therein and must be acknowledged on the Form of Proposal (Bid Form).

1. **Question:** Can the itemized bid results from the previous bid opening be released to the prospective contractors?  
**Answer:** No. Only the total bid price can be released and will be included in Addendum #1 (please see below).
2. **Question:** Will a good faith effort for M/WBE goals be accepted if goals are not met?  
**Answer:** Yes. However, the grant funding sources require sufficient documentation to demonstrate a good faith effort was made, including contacting M/WBE firms for project components and/or supplies. If the grant funding sources do not accept the documentation of good faith effort as sufficient and assess liquidated damages to the County, these damages will be passed on to the contractor.
3. **Question:** What are the tree removals for? Where are the trees located?  
**Answer:** The tree removals noted in the plan quantities are for incidental tree removals. This may include trees that need to be removed on access roads, culvert cleaning, or other contractor operations or tree blowdowns.
4. **Question:** Is overhead tree trimming allowed?  
**Answer:** Yes, in accordance with the detail in the plans.
5. **Question:** What are the railing requirements for the Boardwalk?  
**Answer:** The boardwalk railing should meet all AASHTO requirements for pedestrian railings on Bridges.
6. **Question:** Do temporary construction signs need to be installed on Route 28?  
**Answer:** Yes. Orange "Truck Crossing" signs (Gates W8-6) will need to be installed at active work entrances on Route 28.
7. **Question:** Can tractor-trailers use all access roads to the project?  
**Answer:** Tractor Trailers ideally should only use the Woodstock Dike (Gate E-14), Shokan Station (Gate E-5), and Gate W-7 for deliveries as these areas have the largest staging and stockpile areas to turn vehicles around.

8. **Question:** Can equipment be used to clean the ditches and trenches?  
**Answer:** Yes, equipment may be used to extract the wood debris from the ditches and swales. Equipment may also be used to excavate the materials where required. In all cases equipment will need to remain on the existing ballast and/or new trail and cause minimal disturbance in sensitive areas.
9. **Question:** Will other/additional access roads be made available?  
**Answer:** It is unlikely that additional access roads from Route 28 to the project corridor will be made available, and no assumption should be made that additional access points will be allowed. However, the contractor may request that additional access roadways be added at existing DEP gates, and DEP will review the proposed roadway and make the final determination.
10. **Question:** What type of material can be used on the boardwalk?  
**Answer:** The contractor may use wood or metal as long as the materials chosen meet the required loading and specifications as indicated on the plans.

#### **Clarification / Additional Information of the Contract Documents**

##### **ITEM #1: Revisions to CONSTRUCTION DRAWINGS:**

**Remove** the following sheets from the CONSTRUCTION DRAWINGS:

Sheet #5, DWG EQ-1  
Sheet #10, DWG TS-1  
Sheet #11, DWG TS-2

**Replace** with the enclosed revised sheets:

Sheet #5R1, DWG EQ-1 R1  
Sheet #10R1, DWG TS-1 R1  
Sheet #11R1, DWG TS-2 R1

Revisions to DWG TS-1 and TS-2 include changing the surface course for the trail shoulder from Item 304.12UC (base course) to Item 623.03 (top course). Revisions to DWG EQ-1 include updated quantities.

**Remove** the following sheets **and delete** all work associated with these sheets from the CONSTRUCTION DRAWINGS:

Sheet #39, DWG PL-1  
Sheet #40, DWG PL-2  
Sheet #41, DWG PL-3  
Sheet #127, DWG ESCP-1  
Sheet #128, DWG ESCP-2  
Sheet #129, DWG ESCP-3  
Sheet #215, DWG AP-1A  
Sheet #216, DWG AP-1B

**ITEM #2:** Replace the original Bid Sheets with the enclosed Bid Sheets, dated June 12, 2018.

**ITEM #3:** The enclosed Quantity Breakdown sheet has been revised to reflect the recent quantity changes.

**ITEM #4:** May 21, 2018 Bid Opening Results:

- |                         |                 |
|-------------------------|-----------------|
| 1. D.A. Collins:        | \$12,270,049.90 |
| 2. Harrison & Burrowes: | \$12,270,122.70 |
| 3. ELQ Industries:      | \$13,526,261.90 |
| 4. A. Servidone:        | \$13,887,999.90 |

**END OF ADDENDUM 1**

Ed Jordan  
Interim Director of Purchasing

FILE NAME = L:\WINSTN Projects\0300\369.007 - Ashokan Rail Trail\WSTN\2018-06-12 Rebid Addendum #1\004\_369007001...EQ-1 R1.dgn  
DATE = 5/12/2018  
TIME = 8:31:10 AM

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L:\MicroStation\WorkSpace\Plot\NYSOOT\NYSOOT.LJ5000.B.04.06.plt


IN CHARGE OF TCB DESIGNED BY CMH CHECKED BY TCB DRAFTED BY CMH/ERB/JDH CHECKED BY CMH

ASHOKAN RAIL TRAIL ESTIMATE OF QUANTITIES						
ITEM NUMBER	DESCRIPTION	UNIT	SHARE 1 TRAIL QUANTITY	SHARE 2 BUTTERNUT QUANTITY	TOTAL QUANTITY	FINAL
201.0412UC	CLEARING AND GRUBBING - DBH RANGE 04"-12"	EACH	25.00	0.00	25.0	
201.1324UC	CLEARING AND GRUBBING - DBH RANGE 13"-24"	EACH	15.00	0.00	15.0	
201.2500UC	CLEARING AND GRUBBING - DBH RANGE 25" AND GREATER	EACH	5.00	0.00	5.0	
202.19	REMOVAL OF SUBSTRUCTURES	CY	0.00	605.00	605.0	
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	4,275.00	1,900.00	6,175.0	
203.03	EMBANKMENT IN PLACE	CY	340.00	180.00	520.0	
203.21	SELECT STRUCTURE FILL	CY	0.00	165.00	165.0	
203.51990006	ESTABLISHING NEW DITCHES AND SLOPES	LF	3,100.00	0.00	3,100.0	
206.01	STRUCTURE EXCAVATION	CY	0.00	405.00	405.0	
206.0201	TRENCH AND CULVERT EXCAVATION	CY	345.00	135.00	480.0	
207.20	GEOTEXTILE BEDDING	SY	865.00	0.00	865.0	
207.24	GEOTEXTILE STABILIZATION	SY	25,000.00	0.00	25,000.0	
207.26	PREFABRICATED COMPOSITE STRUCTURAL DRAIN	SY	0.00	50.00	50.0	
209.13	SILT FENCE-TEMPORARY	LF	2,300.00	0.00	2,300.0	
209.20120010	BIO-FIBER ROLLS, 12 INCH	LF	800.00	160.00	960.0	
209.1801	ROLLED EROSION CONTROL PRODUCT, CLASS 1 TYPE A, SHORT TERM	SY	2,850.00	0.00	2,850.0	
209.22	CONSTRUCTION ENTRANCE	SY	1,400.00	0.00	1,400.0	
304.00UC	GRADING OF EXISTING BASE COURSE	LF	58,750.00	0.00	58,750.0	
304.12UC	SUBBASE COURSE, TYPE 2 MODIFIED (BASE COURSE)	CY	20,000.00	0.00	20,000.0	
552.2001	HOLES IN EARTH FOR SOLDIER PILE AND LAGGING WALL	LF	0.00	738.00	738.0	
552.2201	SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL	LF	0.00	633.00	633.0	
552.230301	PRECAST CONCRETE PANEL LAGGING FOR SOLDIER PILE AND LAGGING WALL	SF	0.00	1,000.00	1,000.0	
553.030001	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030002	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030003	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030004	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030005	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030006	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030007	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030008	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030009	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030010	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030011	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030012	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030013	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030014	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030015	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030016	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030017	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030018	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030019	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030020	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030021	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030022	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030023	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
553.030024	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	0.00	1.00	1.0	
553.030025	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	0.00	1.00	1.0	
553.030026	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	0.00	1.00	1.0	
553.030027	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	0.00	1.00	1.0	
553.030028	TEMPORARY WATERWAY DIVERSION STRUCTURE	EACH	1.00	0.00	1.0	
555.01040070	FOOTING CONCRETE, CLASS A (REINFORCEMENT INCLUDED AND NO BAR LIST IN PLANS)	CY	0.00	52.00	52.0	
555.01050070	CONCRETE FOR STRUCTURES, CLASS A (REINFORCEMENT INCLUDED AND NO BAR LIST IN PLANS)	CY	10.00	40.00	50.0	
555.72950010	ARCHITECTURAL TREATMENT - VERTICAL STAINED CONCRETE SURFACE	SF	0.00	1,380.00	1,380.0	
555.81000018	STRUCTURAL CRACK SEALING	LF	200.00	0.00	200.0	
557.0109	SUPERSTRUCTURE SLAB WITH INTEGRAL WEARING SURFACE - BOTTOM FORMWORK REQUIRED - TYPE 9 FRICTION	SY	0.00	139.00	139.0	
557.2009	STRUCTURAL APPAORACH SLAB WITH INTEGRAL WEARING SURFACE - TYPE 9 FRICTION	SY	0.00	47.00	47.0	
560.01010005	SPECIAL STONE WORK, TYPE 1	EACH	1.00	0.00	1.0	
560.01020005	SPECIAL STONE WORK, TYPE 2	EACH	12.00	0.00	12.0	
560.0401	STONE MASONRY	SF	1,400.00	0.00	1,400.0	
564.010100AL	PREFABRICATED BOLTED AND GALVANIZED STEEL TRUSS SYSTEM	EACH	0.00	1.00	1.0	
565.2023	TYPE E.B. FIXED BEARING ( 112 TO 168 KIPS)	EACH	0.00	2.00	2.0	
565.2033	TYPE E.B. EXPANSION BEARING (112 TO 168 KIPS)	EACH	0.00	2.00	2.0	
570.160001	CLASS B CONTAINMENT FOR PAINT REMOVAL	LS	0.00	1.00	1.0	
582.06	REMOVAL OF STRUCTURAL CONCRETE - REPLACEMENT WITH CLASS D CONCRETE	SF	225.00	0.00	225.0	
586.0201	DRILLING AND GROUTING BOLTS OR REINFORCEMENT BARS	EACH	60.00	0.00	60.0	
603.77	CONCRETE COLLARS	EACH	10.00	0.00	10.0	
603.9808	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 8 INCH DIAMETER	LF	455.00	0.00	455.0	
603.9812	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 12 INCH DIAMETER	LF	75.00	0.00	75.0	
603.9818	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 18 INCH DIAMETER	LF	100.00	0.00	100.0	
603.9824	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 24 INCH DIAMETER	LF	50.00	0.00	50.0	
603.9836	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 36 INCH DIAMETER	LF	40.00	0.00	40.0	
603.9848	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 48 INCH DIAMETER	LF	0.00	80.00	80.0	
607.06400016	PEDESTRIAN FENCING FOR BRIDGES	LF	0.00	150.00	150.0	
607.11000008	TEMPORARY CHAIN LINK FENCING AND GATES	LF	625.00	0.00	625.0	
607.19	RIGHT-OF-WAY FENCING	LF	2,850.00	0.00	2,850.0	
607.2005	RIGHT OF WAY FENCE GATE (SINGLE LEAF 3 FEET OPENING 4 FEET HIGH)	EACH	1.00	0.00	1.0	
607.4040	OPTIONAL FENCE GATE (SINGLE LEAF 12 FEET OPENING 4 FEET HIGH)	EACH	4.00	0.00	4.0	
607.41010001	TEMPORARY PLASTIC BARRIER FENCE	LF	14,000.00	0.00	14,000.0	

ASHOKAN RAIL TRAIL ESTIMATE OF QUANTITIES						
ITEM NUMBER	DESCRIPTION	UNIT	SHARE 1 TRAIL QUANTITY	SHARE 2 BUTTERNUT QUANTITY	TOTAL QUANTITY	FINAL
607.6502001	SPLIT RAIL FENCE	LF	1,480.00	0.00	1,480.0	
607.96000001	WOODEN PEDESTRIAN RAILING	LF	2,850.00	0.00	2,850.0	
608.96000004	PEDESTRIAN BOARDWALK	LS	1.00	0.00	1.0	
610.1407	TOPSOIL - WETLAND MATERIALS	CY	120.00	0.00	120.0	
610.16080124	TURF ESTABLISHMENT - SEED MIX AS SPECIFIED	SY	14,500.00	0.00	14,500.0	
611.0341	PLANTING - CONIFEROUS TREES - 4 FOOT HEIGHT BALL & BURLA P, FIELD POTTED OR FIELD BOXED	EACH	105.00	0.00	105.0	
615.08010005	BENCH, TYPE 1	EACH	17.00	0.00	17.0	
615.10010108	KIOSK, TYPE 1 (NOT MANUFACTURED)	EACH	10.00	0.00	10.0	
620.03	STONE FILLING (LIGHT)	CY	162.00	0.00	162.0	
620.04	STONE FILLING (MEDIUM)	CY	90.00	0.00	90.0	
620.05	STONE FILLING (HEAVY)	CY	0.00	355.00	355.0	
620.08	BEDDING MATERIAL	CY	0.00	92.00	92.0	
621.01	CLEANING CULVERTS WITH SPAN OF 50IN. LESS	LF	120.00	0.00	120.0	
621.02	CLEANING CULVERTS WITH SPAN OF 50IN. OR MORE	LF	95.00	0.00	95.0	
621.51000015	GRADING CLEANING AND RESHAPING EXISTING DITCHES	LF	44,500.00	0.00	44,500.0	
623.03	CRUSHED STONE, BY WEIGHT (TOP COURSE)	TON	22,000.00	0.00	22,000.0	
625.01 (S1)	SURVEY OPERATIONS (SHARE 1 - TRAIL)	LS	1.00	0.00	1.0	
625.01 (S2)	SURVEY OPERATIONS (SHARE 2 - BUTTERNUT)	LS	0.00	1.00	1.0	
637.12	ENGINEER'S FIELD OFFICE - TYPE 2	MNTH	12.00	0.00	12.0	
637.31UC	INSPECTION UTILITY TERRAIN VEHICLE (UTV)	LS	1.00	0.00	1.0	
645.5101	GROUND-MOUNTED SIGN PANELS WITHOUT Z-BARS	SF	310.00	0.00	310.0	
645.81	TYPE A SIGN POSTS	EACH	15.00	0.00	15.0	
645.35010010	INTERPRETIVE SIGN PANEL	SF	30.00	0.00	30.0	
697.03 (S1)	FIELD CHANGE PAYMENT	DC	276,000.00	0.00	276,000.0	
697.03 (S2)	FIELD CHANGE PAYMENT	DC	0.00	61,000.00	61,000.0	
698.05 (S1)	FUEL PRICE ADJUSTMENT (SHARE 1 - TRAIL)	DC	100.00	0.00	100.0	
698.05 (S2)	FUEL PRICE ADJUSTMENT (SHARE 2 - BUTTERNUT)	DC	0.00	100.00	100.0	
698.06 (S2)	STEEL/IRON PRICE ADJUSTMENT (SHARE 2 - BUTTERNUT)	DC	0.00	100.00	100.0	
699.040001 (S1)	MOBILIZATION (MAXIMUM 4%) (SHARE 1 - TRAIL)	LS	1.00	0.00	1.0	
699.040001 (S2)	MOBILIZATION (MAXIMUM 4%) (SHARE 2 - BUTTERNUT)	LS	0.00	1.00	1.0	

5R1  
245

NO. DATE BY REVISION  
1 6/18 TCB QUANTITY REVISIONS



ASHOKAN RAIL TRAIL  
ULSTER COUNTY

ESTIMATE OF QUANTITIES

SCALE: NONE  
DATE ISSUED: 5/30/2018  
DRAWING  
EQ-1 R1

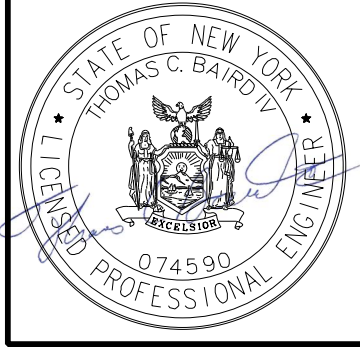
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Bogudice, D.P.C.

UNAUTHORIZED ALTERATION OR ADDITION TO THIS  
DRAWING IS A VIOLATION OF THE NEW YORK STATE  
EDUCATION LAW ARTICLE 145 SECTION 7209

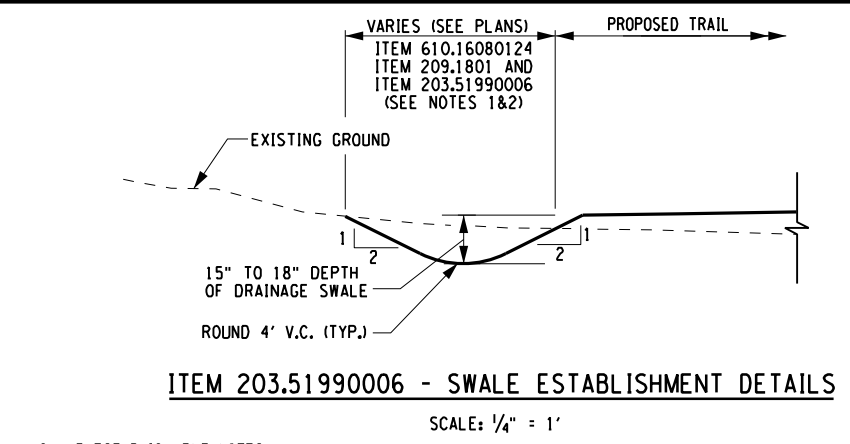
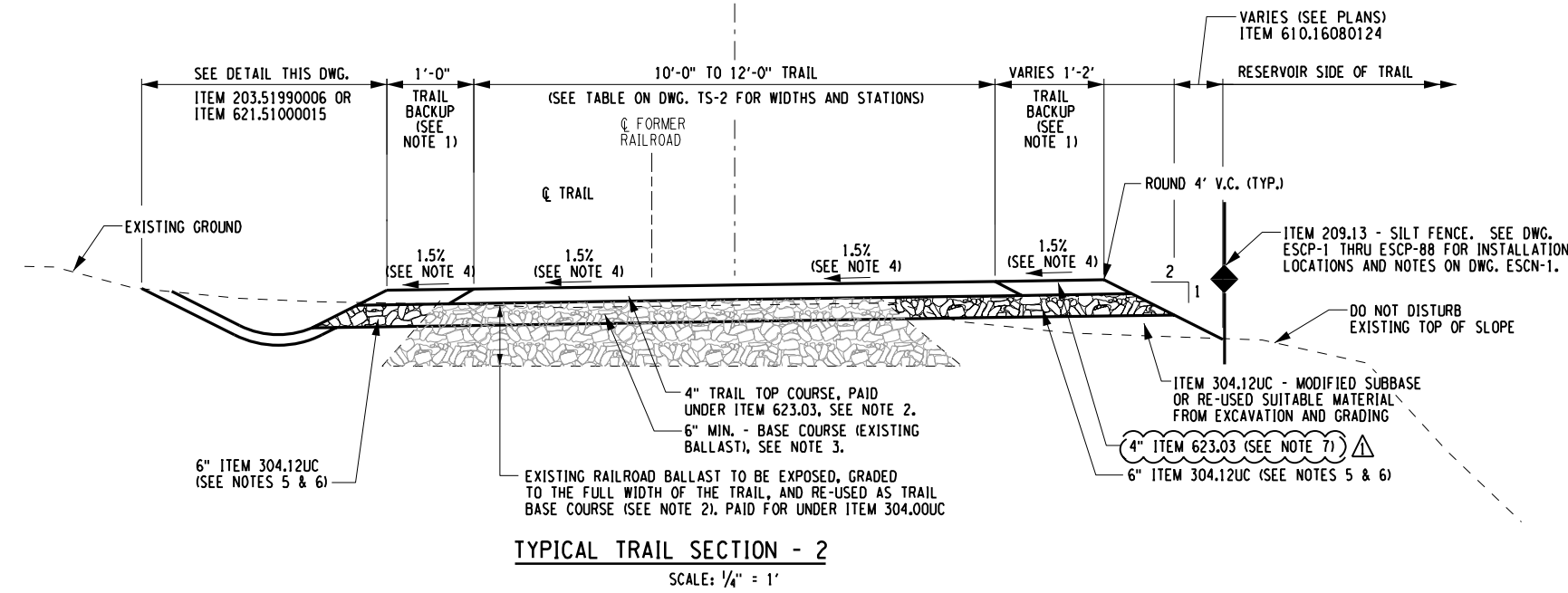
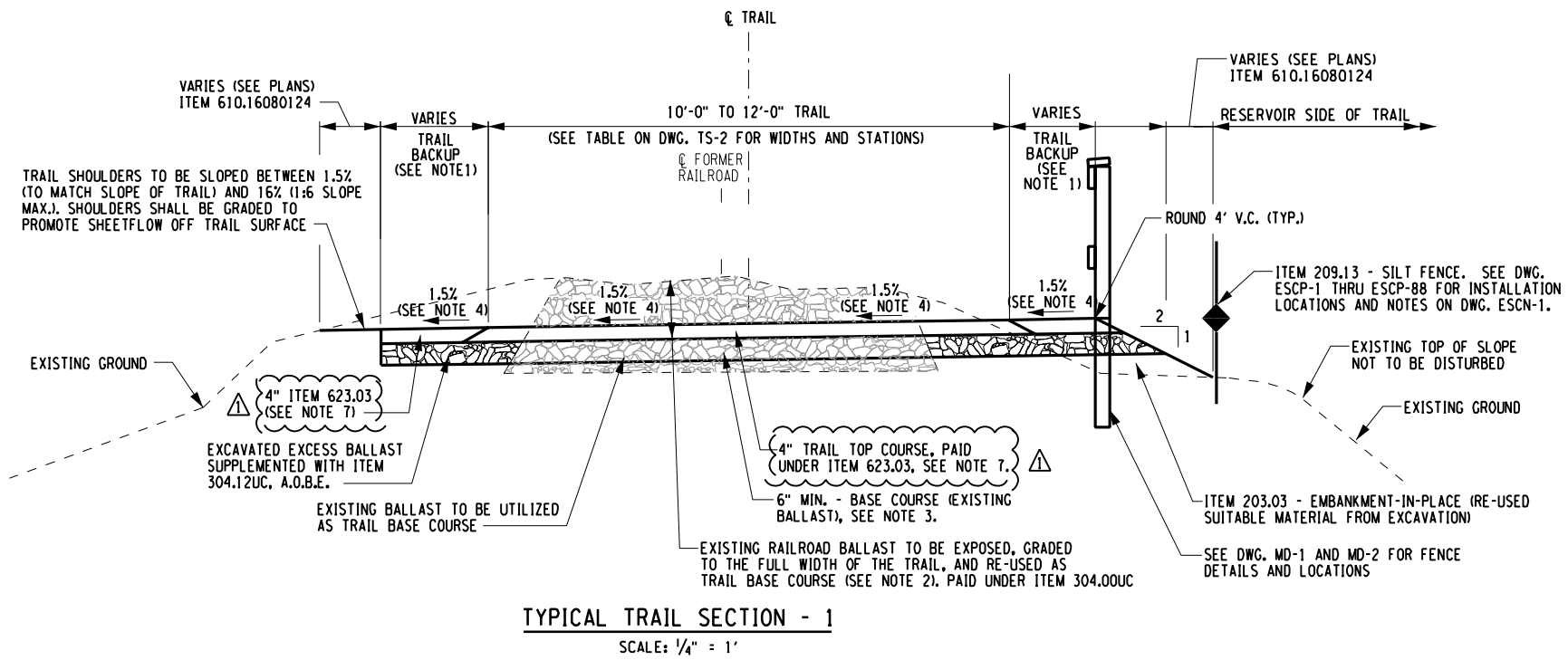
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IN CHARGE OF TCB DESIGNED BY CMH CHECKED BY CMH DRAFTED BY CMH/ERB/JDH CHECKED BY CMH

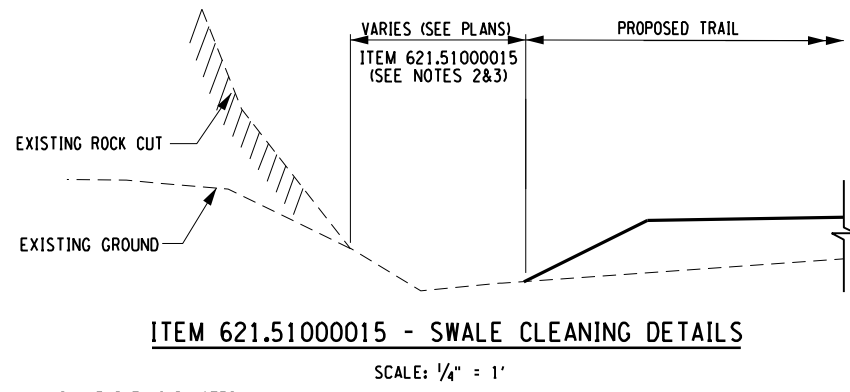
PREPARED BY: BARTON & LOGUIDICE, D.P.C.  
ON : MAY 30, 2018



ITEM NO.	DESCRIPTION	UNITS	ITEM NO.	DESCRIPTION	UNITS	NOTES
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY				1. SEE TABLE ON DWG. TS-2 FOR WIDTH OF TRAIL BACKUP.
203.03	EMBANKMENT IN PLACE	CY				
203.51990006	ESTABLISHING NEW SWALES AND SLOPES	LF				
209.13	SILT FENCE - TEMPORARY	LF				
304.00UC	GRADING OF EXISTING BASE COURSE	LF				
304.12UC	SUBBASE COURSE, TYPE 2 MODIFIED (BASE COURSE)	CY				2. CONTRACTOR SHALL USE ITEM 304.12UC TO SUPPLEMENT EXISTING BALLAST AS NEEDED TO ACHIEVE FINAL GRADE. ADDITIONAL SUBBASE TO BE PAID FOR UNDER ITEM 304.12UC. SEE CONTRACT DOCUMENTS FOR GRADATION.
610.16080124	TURF ESTABLISHMENT - SEED MIX AS SPECIFIED	SY				
621.51000015	GRADING, CLEANING, AND SHAPING EXISTING SWALES	LF				3. CONTRACTOR SHALL MAINTAIN 6" OF BASE COURSE. FINAL TRAIL GRADE MAY NEED TO BE ADJUSTED TO MAINTAIN DEPTH OF BASE.
623.03	CRUSHED STONE, BY WEIGHT (TOP COURSE)	TON				
						4. CROSS SLOPE OF TRAIL SHALL BE SLOPED TO DRAIN AWAY FROM THE RESERVOIR (GENERALLY TO THE NORTH), EXCEPT WHERE THE TRAIL CURVES TO THE RIGHT THE CROSS SLOPE SHALL SLOPE TOWARD THE RESERVOIR TO MATCH THE EXISTING CROSS SLOPE.
						5. ALL NYSOOT STANDARD SPECIFICATIONS OF ITEM 304.12 SHALL APPLY TO ITEM 304.12UC EXCEPT THE GRADATION OF ITEM 304.12UC SHALL BE AS SPECIFIED IN THE TABLE ON DWG. TS-2.




- SWALE ESTABLISHMENT NOTES:**
- ALL PROPOSED SEED MIXES REQUIRE APPROVAL BY THE OWNER AND NYCDP PRIOR TO INSTALLATION (SEE NOTE 1 ON DWG. ESCN-2).
  - SWALES SHALL TIE INTO THE EXISTING BACK SLOPE GRADE WITH A SMOOTH TRANSITION. TIE-INS SHALL OCCUR WITHIN THE CUT LIMITS SHOWN ON THE PLANS UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
  - ALL DISTURBED SOIL SHALL BE SEEDED WITHIN 3 CALEDER DAYS OF FINAL GRADING.
  - LIVE TREES WITHIN THE EXISTING SWALES SHALL REMAIN UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
  - NO GRADING, EXCAVATION OR FILL SHALL OCCUR IN DELINEATED SENSITIVE WATER RESOURCES.
  - SEE TABLE OF SWALE CLEANING AND GRADING ON DWG. MT-1.



- SWALE CLEANING NOTES:**
- EXTRACT AND DISPOSE OF ALL FALLEN TREES AND WOODY DEBRIS WITHIN THE EXISTING SWALES.
  - NO GRADING, EXCAVATION OR FILL SHALL OCCUR WITHIN EXISTING SWALES.
  - FALLEN TREES AND WOODY DEBRIS SHALL BE CAREFULLY EXTRACTED FROM THE EXISTING SWALE. LIMIT DISTURBANCE TO THE GREATEST EXTENT POSSIBLE.
  - LIVE TREES WITHIN THE EXISTING SWALES SHALL REMAIN UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
  - SEE TABLE OF SWALE CLEANING AND GRADING ON DWG. MT-1.
  - LIMITS OF WOODY DEBRIS REMOVAL SHALL EXTEND A MINIMUM OF 5 FT. FROM THE NEW TRAIL EDGE, OR 2 FT. BEYOND THE BACK EDGE OF THE SWALE, A.O.B.E. CONTRACTOR WILL NOT BE REQUIRED TO REMOVE THE FULL LENGTH OF EXISTING FALLEN TREES ADJACENT TO THE TRAIL CORRIDOR.

10R1  
245

NO. DATE BY REVISION  
1 6/18 TCB TRAIL BACKUP ITEM # CHANGED

  
ASHOKAN RAIL TRAIL  
ULSTER COUNTY

TYPICAL SECTIONS-1  
SCALE: AS SHOWN  
DATE ISSUED: 5/30/2018  
DRAWING TS-1 R1



Barton  
& Loguidice, D.P.C.

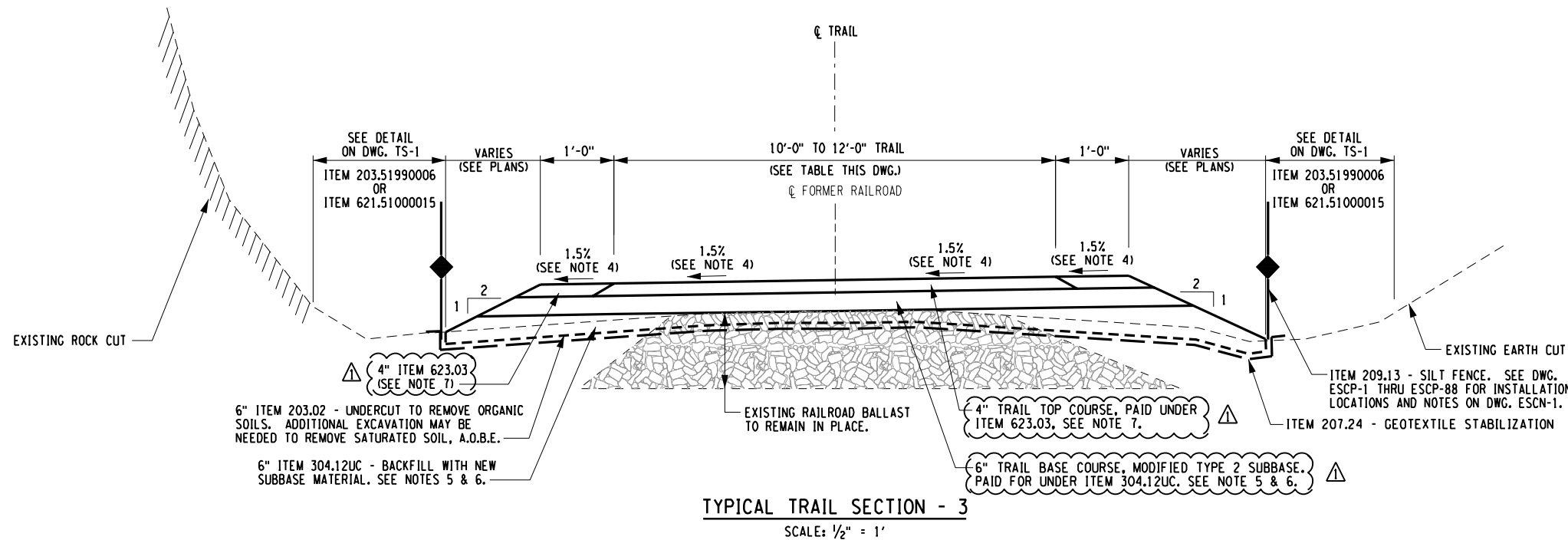
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DRAWING IS A VIOLATION OF THE NEW YORK STATE  
EDUCATION LAW, ARTICLE 145, SECTION 7209.

ASHOKAN RAIL TRAIL  
ILL. STATE COUNTY

TYPICAL  
SECTION - 2

SCALE: AS SHOWN
DATE ISSUED: 5/30/2018
DRAWING
TS-2 R1

BEGIN STA.	END STA.	TRAIL WIDTH (FT.)	TRAIL BACKUP WIDTH (FT.)		TYP. SECTION
			LT	RT	
A 19+00	A 27+55	12.0	1.0	1.0	1
A 31+15	A 33+75	12.0	1.0	1.0	1
A 33+75	A 36+00	12.0	1.0	1.0	3
A 36+00	A 43+50	12.0	1.0	2.0	2
A 43+50	A 48+00	12.0	2.0	2.0	1
A 48+00	A 73+25	12.0	1.0	1.0	1
A 73+25	A 75+00	12.0	1.0	2.0	2
A 75+00	A 77+75	12.0	1.0	1.0	3
A 77+75	A 90+75	12.0	1.0	1.0	1
A 90+75	A 100+75	12.0	1.0	2.0	2
A 100+75	A 102+75	12.0	2.0	2.0	1
A 102+75	A 104+50	12.0	1.0	2.0	2
A 104+50	A 108+00	12.0	2.0	2.0	1
A 108+00	A 116+00	12.0	1.0	2.0	2
A 116+00	A 121+25	12.0	2.0	2.0	1
A 121+25	A 122+75	12.0	1.0	2.0	2
A 122+75	A 124+00	12.0	2.0	2.0	1
A 124+00	A 129+25	12.0	1.0	1.0	3
A 129+25	N 10+50	12.0	2.0	2.0	1
N 10+50	N 18+31	12.0	1.0	1.0	3
N 18+31	A 171+50	12.0	2.0	2.0	1
A 171+50	A 173+50	12.0	1.0	1.0	1
A 173+50	A 181+00	12.0	2.0	2.0	1
A 181+00	A 217+00	12.0	1.0	1.0	1
A 217+00	A 236+00	12.0	3.0	3.0	1
A 236+00	A 239+50	12.0	1.0	1.0	1
A 239+50	A 273+00	10.0	1.0	1.0	3
A 273+00	A 274+00	12.0	2.0	2.0	1
A 274+00	A 292+00	12.0	1.0	1.0	1
A 292+00	A 299+00	12.0	2.0	2.0	1
A 299+00	A 308+25	12.0	1.0	2.0	2
A 308+25	A 314+00	12.0	2.0	2.0	1
A 314+00	A 317+50	12.0	1.0	1.0	1
A 317+50	A 321+25	12.0	1.0	2.0	2
A 321+25	A 342+00	12.0	1.0	1.0	1
A 342+00	A 344+00	12.0	2.0	2.0	1
A 344+00	A 365+00	12.0	1.0	1.0	1
A 365+00	A 377+75	12.0	1.0	2.0	2
A 377+75	A 386+00	12.0	1.0	1.0	3
A 386+00	A 395+00	12.0	1.0	1.0	1
A 395+00	A 404+00	12.0	1.0	2.0	2
A 404+00	A 412+75	12.0	3.0	3.0	1
A 412+75	A 413+25	12.0	1.0	2.0	2
A 413+25	A 450+25	12.0	1.0	1.0	1
A 450+25	A 451+75	12.0	1.0	2.0	2
A 451+75	A 462+50	12.0	2.0	2.0	1
A 462+50	A 488+00	12.0	1.0	1.0	1
A 488+00	A 499+25	12.0	2.0	2.0	1
A 499+25	A 501+75	12.0	1.0	2.0	2
A 501+75	A 510+25	12.0	2.0	2.0	1
A 510+25	A 520+00	12.0	1.0	1.0	1
A 520+00	A 525+50	12.0	2.0	2.0	1
A 525+50	A 527+75	12.0	1.0	1.0	1
A 527+75	A 539+00	12.0	2.0	2.0	1
A 539+00	A 556+00	12.0	1.0	1.0	1
A 556+00	A 559+50	12.0	1.0	2.0	2
A 559+50	A 581+00	12.0	2.0	2.0	1
A 581+00	A 613+50	12.0	1.0	1.0	1
A 613+50	A 615+50	12.0	1.0	2.0	2
A 615+50	A 623+50	12.0	2.0	2.0	1
A 623+50	A 625+02	12.0	1.0	1.0	1



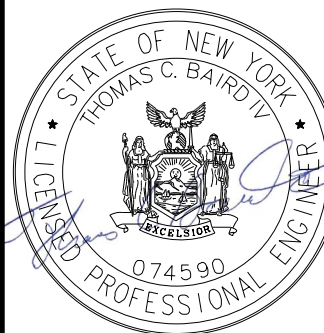
BASE COURSE STONE GRADATION  
ITEM 304.12UC

BASE COURSE	
NYS DOT STONE	COMPOSITION (BY WEIGHT)
ITEM 304.12	50%
#4A STONE	50%

TOP COURSE STONE GRADATION  
ITEM 623.03

SIEVE DESIGNATION	% PASSING (BY WEIGHT)
1/2"	100%
3/8"	90-95%
No. 4	60-70%
No. 8	40-50%
No. 40	20-30%
No. 200	10-16%

PREPARED BY: BARTON & LOGUIDICE, D.P.C.  
ON : MAY 30, 2018



ITEM NO.	DESCRIPTION	UNITS	ITEM NO.	DESCRIPTION	UNITS	NOTES
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY				SEE DWG. TS-1 FOR NOTES 1 TO 5.
203.03	EMBANKMENT IN PLACE	CY				
203.51990006	ESTABLISHING NEW SWALES AND SLOPES	LF				6. CONTRACTOR SHALL MIX A 3 CY SAMPLE OF ITEM 304.12UC FOR ENGINEER TO VISUALLY INSPECT AT QUARRY. COST INCLUDED IN ITEM 304.12UC.
207.24	GEOTEXTILE STABILIZATION	SY				
209.13	SILT FENCE - TEMPORARY	SY				7. GRADATION FOR ITEM 623.03 SHALL CONFORM TO TABLE "TOP COARSE STONE GRADATION" ON DWG TS-2.
304.00UC	GRADING OF EXISTING BASE COURSE	LF				
304.12UC	SUBBASE COURSE, TYPE 2 MODIFIED (BASE COURSE)	CY				
610.16080124	TURF ESTABLISHMENT - SEED MIX AS SPECIFIED	SY				
621.51000015	GRADING, CLEANING, AND SHAPING EXISTING SWALES	LF				
623.03	CRUSHED STONE, BY WEIGHT (TOP COURSE)	TON				

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ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
			DOLLARS	CTS.	DOLLARS	CTS.
201.0412UC	25.0	CLEARING AND GRUBBING - DBH RANGE 04"-12"				
		FOR _____				
		_____ PER EACH				
201.1324UC	15.0	CLEARING AND GRUBBING - DBH RANGE 13"-24"				
		FOR _____				
		_____ PER EACH				
201.2500UC	5.0	CLEARING AND GRUBBING - DBH RANGE 25" AND GREATER				
		FOR _____				
		_____ PER EACH				
202.19	605.0	REMOVAL OF SUBSTRUCTURES				
		FOR _____				
		_____ PER CY				
203.02	6,175.0	UNCLASSIFIED EXCAVATION AND DISPOSAL				
		FOR _____				
		_____ PER CY				

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ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
			DOLLARS	CTS.	DOLLARS	CTS.
203.03	520.0	EMBANKMENT IN PLACE				
		FOR _____				
		_____ PER CY				
203.21	165.0	SELECT STRUCTURE FILL				
		FOR _____				
		_____ PER CY				
203.51990006	3,100.0	ESTABLISHING NEW DITCHES AND SLOPES				
		FOR _____				
		_____ PER LF				
206.01	405.0	STRUCTURE EXCAVATION				
		FOR _____				
		_____ PER CY				
206.0201	480.0	TRENCH AND CULVERT EXCAVATION				
		FOR _____				
		_____ PER CY				

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ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
			DOLLARS	CTS.	DOLLARS	CTS.
207.20	865.0	GEOTEXTILE BEDDING				
		FOR _____				
		_____ PER SY				
207.24	25,000.0	GEOTEXTILE STABILIZATION				
		FOR _____				
		_____ PER SY				
207.26	50.0	PREFABRICATED COMPOSITE STRUCTURAL DRAIN				
		FOR _____				
		_____ PER SY				
209.13	2,300.0	SILT FENCE-TEMPORARY				
		FOR _____				
		_____ PER LF				
209.20120010	960.0	BIO-FIBER ROLLS, 12 INCH				
		FOR _____				
		_____ PER LF				

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ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
			DOLLARS	CTS.	DOLLARS	CTS.
209.1801	2,850.0	ROLLED EROSION CONTROL PRODUCT, CLASS 1 TYPE A, SHORT TERM  FOR _____ _____ PER SY				
209.22	1,400.0	CONSTRUCTION ENTRANCE  FOR _____ _____ PER SY				
304.00UC	58,750.0	GRADING OF EXISTING BASE COURSE  FOR _____ _____ PER LF				
304.12UC	20,000.0	SUBBASE COURSE, TYPE 2 MODIFIED (BASE COURSE)  FOR _____ _____ PER CY				
552.2001	738.0	HOLES IN EARTH FOR SOLDIER PILE AND LAGGING WALL  FOR _____ _____ PER LF				

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ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
			DOLLARS	CTS.	DOLLARS	CTS.
552.2201	633.0	SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL  FOR _____ _____ PER LF				
552.230301	1,000.0	PRECAST CONCRETE PANEL LAGGING FOR SOLDIER PILE AND LAGGING WALL  FOR _____ _____ PER SF				
553.030001	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE  FOR _____ _____ PER EACH				
553.030002	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE  FOR _____ _____ PER EACH				
553.030003	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE  FOR _____ _____ PER EACH				

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ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
			DOLLARS	CTS.	DOLLARS	CTS.
553.030004	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030005	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030006	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030007	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030008	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				

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ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
			DOLLARS	CTS.	DOLLARS	CTS.
553.030009	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030010	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030011	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030012	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030013	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				

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			DOLLARS	CTS.	DOLLARS	CTS.
553.030014	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030015	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030016	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030017	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030018	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				

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ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
			DOLLARS	CTS.	DOLLARS	CTS.
553.030019	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030020	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030021	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030022	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030023	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				

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ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
			DOLLARS	CTS.	DOLLARS	CTS.
553.030024	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030025	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030026	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030027	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				
553.030028	1.0	TEMPORARY WATERWAY DIVERSION STRUCTURE				
		FOR _____				
		_____ PER EACH				

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ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
			DOLLARS	CTS.	DOLLARS	CTS.
555.01040070	52.0	FOOTING CONCRETE, CLASS A (REINFORCEMENT INCLUDED AND NO BAR LIST IN PLANS)  FOR _____  _____ PER CY				
555.01050070	50.0	CONCRETE FOR STRUCTURES, CLASS A (REINFORCEMENT INCLUDED AND NO BAR LIST IN PLANS)  FOR _____  _____ PER CY				
555.72950010	1,380.0	ARCHITECTURAL TREATMENT - VERTICAL STAINED CONCRETE SURFACE  FOR _____  _____ PER SF				
555.81000018	200.0	STRUCTURAL CRACK SEALING  FOR _____  _____ PER LF				
557.0109	139.0	SUPERSTRUCTURE SLAB WITH INTEGRAL WEARING SURFACE - BOTTOM FORMWORK REQUIRED - TYPE 9 FRICTION  FOR _____  _____ PER SY				

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ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
			DOLLARS	CTS.	DOLLARS	CTS.
557.2009	47.0	STRUCTURAL APPROACH SLAB WITH INTEGRAL WEARING SURFACE - TYPE 9 FRICTION  FOR _____ _____ _____ PER SY				
560.01010005	1.0	SPECIAL STONE WORK, TYPE 1  FOR _____ _____ _____ PER EACH				
560.01020005	12.0	SPECIAL STONE WORK, TYPE 2  FOR _____ _____ _____ PER EACH				
560.0401	1,400.0	STONE MASONRY  FOR _____ _____ _____ PER SF				
564.010100AL	1.0	PREFABRICATED BOLTED AND GALVANIZED STEEL TRUSS SYSTEM  FOR _____ _____ _____ PER EACH				

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ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
			DOLLARS	CTS.	DOLLARS	CTS.
565.2023	2.0	TYPE E.B. FIXED BEARING ( 112 TO 168 KIPS)  FOR _____ _____ PER EACH				
565.2033	2.0	TYPE E.B. EXPANSION BEARING (112 TO 168 KIPS)  FOR _____ _____ PER EACH				
570.160001	1.0	CLASS B CONTAINMENT FOR PAINT REMOVAL  FOR _____ _____ PER LS				
582.06	225.0	REMOVAL OF STRUCTURAL CONCRETE - REPLACEMENT WITH CLASS D CONCRETE  FOR _____ _____ PER SF				
586.0201	60.0	DRILLING AND GROUTING BOLTS OR REINFORCEMENT BARS  FOR _____ _____ PER EACH				

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			DOLLARS	CTS.	DOLLARS	CTS.
603.77	10.0	CONCRETE COLLARS				
		FOR _____				
		_____ PER EACH				
603.9808	455.0	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 8 INCH DIAMETER				
		FOR _____				
		_____ PER LF				
603.9812	75.0	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 12 INCH DIAMETER				
		FOR _____				
		_____ PER LF				
603.9818	100.0	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 18 INCH DIAMETER				
		FOR _____				
		_____ PER LF				
603.9824	50.0	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 24 INCH DIAMETER				
		FOR _____				
		_____ PER LF				

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ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
			DOLLARS	CTS.	DOLLARS	CTS.
603.9836	40.0	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 36 INCH DIAMETER				
		FOR _____				
		_____ PER LF				
603.9848	80.0	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 48 INCH DIAMETER				
		FOR _____				
		_____ PER LF				
607.06400016	150.0	PEDESTRIAN FENCING FOR BRIDGES				
		FOR _____				
		_____ PER LF				
607.11000008	625.0	TEMPORARY CHAIN LINK FENCING AND GATES				
		FOR _____				
		_____ PER LF				
607.19	2,850.0	RIGHT-OF-WAY FENCING				
		FOR _____				
		_____ PER LF				

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			DOLLARS	CTS.	DOLLARS	CTS.
607.2005	1.0	RIGHT OF WAY FENCE GATE (SINGLE LEAF 3 FEET OPENING 4 FEET HIGH)  FOR _____ _____ PER EACH				
607.4040	4.0	OPTIONAL FENCE GATE (SINGLE LEAF 12 FEET OPENING 4 FEET HIGH)  FOR _____ _____ PER EACH				
607.41010010	14,000.0	TEMPORARY PLASTIC BARRIER FENCE  FOR _____ _____ PER LF				
607.65020010	1,480.0	SPLIT RAIL FENCE  FOR _____ _____ PER LF				
607.96000001	2,850.0	WOODEN PEDESTRIAN RAILING  FOR _____ _____ PER LF				

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			DOLLARS	CTS.	DOLLARS	CTS.
608.96000004	1.0	PEDESTRIAN BOARDWALK				
		FOR _____				
		_____ PER LS				
610.1407	120.0	TOPSOIL - WETLAND MATERIALS				
		FOR _____				
		_____ PER CY				
610.16080124	14,500.0	TURF ESTABLISHMENT - SEED MIX AS SPECIFIED				
		FOR _____				
		_____ PER SY				
611.0341	105.0	PLANTING - CONIFEROUS TREES - 4 FOOT HEIGHT BALL & BURLA P, FIELD POTTED OR FIELD BOXED				
		FOR _____				
		_____ PER EACH				
615.08010005	17.0	BENCH, TYPE 1				
		FOR _____				
		_____ PER EACH				

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			DOLLARS	CTS.	DOLLARS	CTS.
615.10010108	10.0	KIOSK, TYPE 1 (NOT MANUFACTURED)				
		FOR _____				
		_____ PER EACH				
620.03	162.0	STONE FILLING (LIGHT)				
		FOR _____				
		_____ PER CY				
620.04	90.0	STONE FILLING (MEDIUM)				
		FOR _____				
		_____ PER CY				
620.05	355.0	STONE FILLING (HEAVY)				
		FOR _____				
		_____ PER CY				
620.08	92.0	BEDDING MATERIAL				
		FOR _____				
		_____ PER CY				

**CARRY FORWARD** \_\_\_\_\_

**ASHOKAN RAIL TRAIL  
ADDENDUM #1 - JUNE 12, 2018  
ULSTER COUNTY  
NEW YORK**

**VENDOR** \_\_\_\_\_

**BROUGHT FORWARD** \_\_\_\_\_

ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
			DOLLARS	CTS.	DOLLARS	CTS.
621.01	120.0	CLEANING CULVERTS WITH SPAN OF 50IN. LESS  FOR _____ _____ _____ PER LF				
621.02	95.0	CLEANING CULVERTS WITH SPAN OF 50IN. OR MORE  FOR _____ _____ _____ PER LF				
621.51000015	44,500.0	GRADING CLEANING AND RESHAPING EXISTING DITCHES  FOR _____ _____ _____ PER LF				
623.03	22,000.0	CRUSHED STONE, BY WEIGHT (TOP COURSE)  FOR _____ _____ _____ PER TON				
625.01 (S1)	1.0	SURVEY OPERATIONS (SHARE 1 - TRAIL)  FOR _____ _____ _____ PER LS				

**CARRY FORWARD** \_\_\_\_\_

**ASHOKAN RAIL TRAIL  
ADDENDUM #1 - JUNE 12, 2018  
ULSTER COUNTY  
NEW YORK**

**VENDOR** \_\_\_\_\_

**BROUGHT FORWARD** \_\_\_\_\_

ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
			DOLLARS	CTS.	DOLLARS	CTS.
625.01 (S2)	1.0	SURVEY OPERATIONS (SHARE 2 - BUTTERNUT)  FOR _____ _____ PER LS				
637.12	12.0	ENGINEER'S FIELD OFFICE - TYPE 2  FOR _____ _____ PER MNTH				
637.31UC	1.0	INSPECTION UTILITY TERRAIN VEHICLE (UTV)  FOR _____ _____ PER LS				
645.5101	310.0	GROUND-MOUNTED SIGN PANELS WITHOUT Z-BARS  FOR _____ _____ PER SF				
645.81	15.0	TYPE A SIGN POSTS  FOR _____ _____ PER EACH				

**CARRY FORWARD** \_\_\_\_\_

**ASHOKAN RAIL TRAIL  
ADDENDUM #1 - JUNE 12, 2018  
ULSTER COUNTY  
NEW YORK**

**VENDOR** \_\_\_\_\_

**BROUGHT FORWARD** \_\_\_\_\_

ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
			DOLLARS	CTS.	DOLLARS	CTS.
645.35010010	30.0	INTERPRETIVE SIGN PANEL FOR _____ _____ PER SF	833	33	24,999	90
697.03 (S1)	276,000.0	FIELD CHANGE PAYMENT FOR ONE DOLLAR AND ZERO CENTS PER DC	1	00	276,000	00
697.03 (S2)	61,000.0	FIELD CHANGE PAYMENT FOR ONE DOLLAR AND ZERO CENTS PER DC	1	00	61,000	00
698.05 (S1)	100.0	FUEL PRICE ADJUSTMENT (SHARE 1 - TRAIL) FOR ONE DOLLAR AND ZERO CENTS PER DC	1	00	100	00
698.05 (S2)	100.0	FUEL PRICE ADJUSTMENT (SHARE 2 - BUTTERNUT) FOR ONE DOLLAR AND ZERO CENTS PER DC	1	00	100	00

**CARRY FORWARD** \_\_\_\_\_

**ASHOKAN RAIL TRAIL  
ADDENDUM #1 - JUNE 12, 2018  
ULSTER COUNTY  
NEW YORK**

**VENDOR** \_\_\_\_\_

**BROUGHT FORWARD** \_\_\_\_\_

ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
			DOLLARS	CTS.	DOLLARS	CTS.
698.06 (S2)	100.0	STEEL/IRON PRICE ADJUSTMENT (SHARE 2 - BUTTERNUT)  FOR ONE DOLLAR AND ZERO CENTS PER DC	1	00	100	00
699.040001 (S1)	1.0	MOBILIZATION (MAXIMUM 4%) (SHARE 1 - TRAIL)  FOR _____ _____ PER LS				
699.040001 (S2)	1.0	MOBILIZATION (MAXIMUM 4%) (SHARE 2 - BUTTERNUT)  FOR _____ _____ PER LS				
<b>TOTAL OR GROSS BID WRITTEN IN WORDS</b>			<b>TOTAL BID AMOUNT (NUMERIC)</b>			
			<b>DOLLARS</b>		<b>CTS.</b>	

**Please sign below to acknowledge receipt of the following:**

Addendum #1 Issued on 6/12/18    Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**CARRY FORWARD** \_\_\_\_\_

**ASHOKAN RAIL TRAIL PROJECT**  
**QUANTITY BREAKDOWN BY SHARE**  
Addendum #1 JUNE 12, 2018

ITEM NO.	DESCRIPTION	SHARE 1 (TRAIL)	SHARE 2 (BUTTERNUT)	TOTAL QUANTITY	UNIT
201.0412UC	CLEARING AND GRUBBING - DBH RANGE 04"-12"	25.0	0.0	25.0	EACH
201.1324UC	CLEARING AND GRUBBING - DBH RANGE 13"-24"	15.0	0.0	15.0	EACH
201.2500UC	CLEARING AND GRUBBING - DBH RANGE 25" AND GREATER	5.0	0.0	5.0	EACH
202.19	REMOVAL OF SUBSTRUCTURES	0.0	605.0	605.0	CY
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	4,275.0	1,900.0	6,175.0	CY
203.03	EMBANKMENT IN PLACE	340.0	180.0	520.0	CY
203.21	SELECT STRUCTURE FILL	0.0	165.0	165.0	CY
203.51990006	ESTABLISHING NEW DITCHES AND SLOPES	3,100.0	0.0	3,100.0	LF
206.01	STRUCTURE EXCAVATION	0.0	405.0	405.0	CY
206.0201	TRENCH AND CULVERT EXCAVATION	345.0	135.0	480.0	CY
207.20	GEOTEXTILE BEDDING	865.0	0.0	865.0	SY
207.24	GEOTEXTILE STABILIZATION	25,000.0	0.0	25,000.0	SY
207.26	PREFABRICATED COMPOSITE STRUCTURAL DRAIN	0.0	50.0	50.0	SY
209.13	SILT FENCE-TEMPORARY	2,300.0	0.0	2,300.0	LF
209.20120010	BIO-FIBER ROLLS, 12 INCH	800.0	160.0	960.0	LF
209.1801	ROLLED EROSION CONTROL PRODUCT, CLASS 1 TYPE A, SHORT TERM	2,850.0	0.0	2,850.0	SY
209.22	CONSTRUCTION ENTRANCE	1,400.0	0.0	1,400.0	SY
304.00UC	GRADING OF EXISTING BASE COURSE	58,750.0	0.0	58,750.0	LF
304.12UC	SUBBASE COURSE, TYPE 2 MODIFIED (BASE COURSE)	20,000.0	0.0	20,000.0	CY
552.2001	HOLES IN EARTH FOR SOLDIER PILE AND LAGGING WALL	0.0	738.0	738.0	LF
552.2201	SOLDIER PILES FOR SOLDIER PILE AND LAGGING WALL	0.0	633.0	633.0	LF
552.230301	PRECAST CONCRETE PANEL LAGGING FOR SOLDIER PILE AND LAGGING WALL	0.0	1,000.0	1,000.0	SF
553.030001	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030002	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030003	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030004	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030005	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030006	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030007	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030008	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030009	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030010	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030011	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030012	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030013	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030014	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030015	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030016	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030017	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030018	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030019	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH



**ASHOKAN RAIL TRAIL PROJECT**  
**QUANTITY BREAKDOWN BY SHARE**  
Addendum #1 JUNE 12, 2018

ITEM NO.	DESCRIPTION	SHARE 1 (TRAIL)	SHARE 2 (BUTTERNUT)	TOTAL QUANTITY	UNIT
553.030020	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030021	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030022	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030023	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
553.030024	TEMPORARY WATERWAY DIVERSION STRUCTURE	0.0	1.0	1.0	EACH
553.030025	TEMPORARY WATERWAY DIVERSION STRUCTURE	0.0	1.0	1.0	EACH
553.030026	TEMPORARY WATERWAY DIVERSION STRUCTURE	0.0	1.0	1.0	EACH
553.030027	TEMPORARY WATERWAY DIVERSION STRUCTURE	0.0	1.0	1.0	EACH
553.030028	TEMPORARY WATERWAY DIVERSION STRUCTURE	1.0	0.0	1.0	EACH
555.01040070	FOOTING CONCRETE, CLASS A (REINFORCEMENT INCLUDED AND NO BAR LIST IN PLANS)	0.0	52.0	52.0	CY
555.01050070	CONCRETE FOR STRUCTURES, CLASS A (REINFORCEMENT INCLUDED AND NO BAR LIST IN PLANS)	10.0	40.0	50.0	CY
555.72950010	ARCHITECTURAL TREATMENT - VERTICAL STAINED CONCRETE SURFACE	0.0	1,380.0	1,380.0	SF
555.81000018	STRUCTURAL CRACK SEALING	200.0	0.0	200.0	LF
557.0109	SUPERSTRUCTURE SLAB WITH INTEGRAL WEARING SURFACE - BOTTOM FORMWORK REQUIRED - TYPE 9 FRICTION	0.0	139.0	139.0	SY
557.2009	STRUCTURAL APPROACH SLAB WITH INTEGRAL WEARING SURFACE - TYPE 9 FRICTION	0.0	47.0	47.0	SY
560.01010005	SPECIAL STONE WORK, TYPE 1	1.0	0.0	1.0	EACH
560.01020005	SPECIAL STONE WORK, TYPE 2	12.0	0.0	12.0	EACH
560.0401	STONE MASONRY	1,400.0	0.0	1,400.0	SF
564.010100AL	PREFABRICATED BOLTED AND GALVANIZED STEEL TRUSS SYSTEM	0.0	1.0	1.0	EACH
565.2023	TYPE E.B. FIXED BEARING ( 112 TO 168 KIPS)	0.0	2.0	2.0	EACH
565.2033	TYPE E.B. EXPANSION BEARING (112 TO 168 KIPS)	0.0	2.0	2.0	EACH
570.160001	CLASS B CONTAINMENT FOR PAINT REMOVAL	0.0	1.0	1.0	LS
582.06	REMOVAL OF STRUCTURAL CONCRETE - REPLACEMENT WITH CLASS D CONCRETE	225.0	0.0	225.0	SF
586.0201	DRILLING AND GROUTING BOLTS OR REINFORCEMENT BARS	60.0	0.0	60.0	EACH
603.77	CONCRETE COLLARS	10.0	0.0	10.0	EACH
603.9808	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 8 INCH DIAMETER	455.0	0.0	455.0	LF
603.9812	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 12 INCH DIAMETER	75.0	0.0	75.0	LF
603.9818	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 18 INCH DIAMETER	100.0	0.0	100.0	LF
603.9824	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 24 INCH DIAMETER	50.0	0.0	50.0	LF
603.9836	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 36 INCH DIAMETER	40.0	0.0	40.0	LF
603.9848	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 48 INCH DIAMETER	0.0	80.0	80.0	LF
607.06400016	PEDESTRIAN FENCING FOR BRIDGES	0.0	150.0	150.0	LF
607.11000008	TEMPORARY CHAIN LINK FENCING AND GATES	625.0	0.0	625.0	LF
607.19	RIGHT-OF-WAY FENCING	2,850.0	0.0	2,850.0	LF
607.2005	RIGHT OF WAY FENCE GATE (SINGLE LEAF 3 FEET OPENING 4 FEET HIGH)	1.0	0.0	1.0	EACH
607.4040	OPTIONAL FENCE GATE (SINGLE LEAF 12 FEET OPENING 4 FEET HIGH)	4.0	0.0	4.0	EACH
607.41010010	TEMPORARY PLASTIC BARRIER FENCE	14,000.0	0.0	14,000.0	LF
607.65020010	SPLIT RAIL FENCE	1,480.0	0.0	1,480.0	LF
607.96000001	WOODEN PEDESTRIAN RAILING	2,850.0	0.0	2,850.0	LF
608.96000004	PEDESTRIAN BOARDWALK	1.0	0.0	1.0	LS
610.1407	TOPSOIL - WETLAND MATERIALS	120.0	0.0	120.0	CY
610.16080124	TURF ESTABLISHMENT - SEED MIX AS SPECIFIED	14,500.0	0.0	14,500.0	SY

**ASHOKAN RAIL TRAIL PROJECT**  
**QUANTITY BREAKDOWN BY SHARE**  
Addendum #1 JUNE 12, 2018

ITEM NO.	DESCRIPTION	SHARE 1 (TRAIL)	SHARE 2 (BUTTERNUT)	TOTAL QUANTITY	UNIT
611.0341	PLANTING - CONIFEROUS TREES - 4 FOOT HEIGHT BALL & BURLA P, FIELD POTTED OR FIELD BOXED	105.0	0.0	105.0	EACH
615.08010005	BENCH, TYPE 1	17.0	0.0	17.0	EACH
615.10010108	KIOSK, TYPE 1 (NOT MANUFACTURED)	10.0	0.0	10.0	EACH
620.03	STONE FILLING (LIGHT)	162.0	0.0	162.0	CY
620.04	STONE FILLING (MEDIUM)	90.0	0.0	90.0	CY
620.05	STONE FILLING (HEAVY)	0.0	355.0	355.0	CY
620.08	BEDDING MATERIAL	0.0	92.0	92.0	CY
621.01	CLEANING CULVERTS WITH SPAN OF 50IN. LESS	120.0	0.0	120.0	LF
621.02	CLEANING CULVERTS WITH SPAN OF 50IN. OR MORE	95.0	0.0	95.0	LF
621.51000015	GRADING CLEANING AND RESHAPING EXISTING DITCHES	44,500.0	0.0	44,500.0	LF
623.03	CRUSHED STONE, BY WEIGHT (TOP COURSE)	22,000.0	0.0	22,000.0	TON
625.01 (S1)	SURVEY OPERATIONS (SHARE 1 - TRAIL)	1.0	0.0	1.0	LS
625.01 (S2)	SURVEY OPERATIONS (SHARE 2 - BUTTERNUT)	0.0	1.0	1.0	LS
637.12	ENGINEER'S FIELD OFFICE - TYPE 2	12.0	0.0	12.0	MNTH
637.31UC	INSPECTION UTILITY TERRAIN VEHICLE (UTV)	1.0	0.0	1.0	LS
645.5101	GROUND-MOUNTED SIGN PANELS WITHOUT Z-BARS	310.0	0.0	310.0	SF
645.81	TYPE A SIGN POSTS	15.0	0.0	15.0	EACH
645.35010010	INTERPRETIVE SIGN PANEL	30.0	0.0	30.0	SF
697.03 (S1)	FIELD CHANGE PAYMENT	276,000.0	0.0	276,000.0	DC
697.03 (S2)	FIELD CHANGE PAYMENT	0.0	61,000.0	61,000.0	DC
698.05 (S1)	FUEL PRICE ADJUSTMENT (SHARE 1 - TRAIL)	100.0	0.0	100.0	DC
698.05 (S2)	FUEL PRICE ADJUSTMENT (SHARE 2 - BUTTERNUT)	0.0	100.0	100.0	DC
698.06 (S2)	STEEL/IRON PRICE ADJUSTMENT (SHARE 2 - BUTTERNUT)	0.0	100.0	100.0	DC
699.040001 (S1)	MOBILIZATION (MAXIMUM 4%) (SHARE 1 - TRAIL)	1.0	0.0	1.0	LS
699.040001 (S2)	MOBILIZATION (MAXIMUM 4%) (SHARE 2 - BUTTERNUT)	0.0	1.0	1.0	LS

