



**ADDENDUM No. 3**

Date: 3/27/2018  
Requisition No. 41397  
Due Date: 3/30/2018  
Time: 2:00PM

**TO:** Bidders for: Towpath Trail Stage 1


**FROM:** Cuyahoga County  
Office of Procurement & Diversity

The following are changes/corrections to the above referenced specification package:

**Revised Unit Pricing Sheets**  
**Revised Bid Plan**  
**Answer to Questions**

All remaining terms and conditions of the specification package remain in effect and this addendum therefore becomes part of the specification.

Respectfully submitted,  
CUYAHOGA COUNTY

  
Richard E. Opre  
Purchasing Manager

cc: file

Cuyahoga County Administrative Headquarters  
Office of Procurement & Diversity  
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Ohio Relay Service (TTY) 1-800-750-0750

**CUY-TOWPATH TRAIL, STAGE 1**  
FROM HARVARD AVENUE TRAILHEAD  
TO STEELYARD COMMONS  
IN THE CITY OF CLEVELAND AND VILLAGE OF CUYAHOGA HEIGHTS  
PID NO. 80997; FAN E060(392)  
RQ# 41397

**ADDENDUM #3**  
3/27/2018

The following are the changes to the above referenced specification package:

1. Section 3 – Required Bid Documents (Total 11 sheets)
  - a. Unit Price Bid Sheets, Reference No.'s 72 and 73 (highlighted in yellow)  
(Note: Revised Excel file included for Contractor's use.)
2. Bid Plan Set (Total 2 sheets)
  - a. Pavement Subsummary (Sheet 28/127)
  - b. General Summary (Sheet 21/127)

**Question:**

The estimated quantities for Ref #72 – Asphalt Concrete Surface Course, Type 1, (448), PG64-22, APP and Ref #73 – Asphalt Concrete Intermediate Course, Type 1, (448), APP are both over stated by approximately 3 times too much. Please review and adjust these quantities.

*Response: The quantities for Reference No.'s 72 and 73 have been corrected. Please see the revisions shown on the Unit Price Bid Sheets and Plan Sheets 21/127 and 28/127.*

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ITEMIZED UNIT PRICE BID

REF NO.	ITEM NUMBER	ITEM EXTENSION	ITEM DESCRIPTION	WORK TYPE	UNIT	ESTIMATED QUANTITY	UNIT PRICE BID		TOTAL AMOUNT BID	
							DOLLARS	I CTS	DOLLARS	I CTS
			ROADWAY							
1	201	11000	CLEARING AND GRUBBING	01	-	LS				
2	202	23000	PAVEMENT REMOVED	NR	SY	3473				
3	202	23010	PAVEMENT REMOVED, ASPHALT	NR	SY	3352				
4	202	30000	WALK REMOVED	NR	SF	17634				
5	202	32000	CURB REMOVED	NR	FT	3904				
6	202	32001	CURB REMOVED, AS PER PLAN	NR	FT	160				
7	202	35100	PIPE REMOVED, 24" AND UNDER	NR	FT	413				
8	202	35200	PIPE REMOVED, OVER 24"	NR	FT	64				
9	202	38000	GUARDRAIL REMOVED	NR	FT	766				
10	202	58000	MANHOLE REMOVED	NR	EACH	1				
11	202	58100	CATCH BASIN REMOVED	NR	EACH	19				
12	202	75000	FENCE REMOVED	NR	FT	120				
13	202	98200	REMOVAL MISC: TRACK REMOVED	NR	FT	20				
14	202	98400	REMOVAL MISC: CONCRETE STAIRS AND RAILING REMOVED	NR	SF	27				
15	203	10000	EXCAVATION	04	CY	1456				
16	203	20001	EMBANKMENT, AS PER PLAN	04	CY	2395				
17	204	10000	SUBGRADE COMPACTION	04	SY	5296				
18	204	20001	EMBANKMENT, AS PER PLAN	04	CY	400				
19	204	21001	GRANULAR EMBANKMENT, AS PER PLAN	04	CY	400				
20	204	50000	GEOTEXTILE FABRIC	04	SY	600				

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							DOLLARS	I CTS	DOLLARS	I CTS
21	606	15050	GUARDRAIL, TYPE MGS	36	FT	250				
22	606	20050	ROUNDED END SECTION	36	EACH	2				
23	606	26150	ANCHOR ASSEMBLY, MGS TYPE E	36	EACH	4				
24	606	26550	ANCHOR ASSEMBLY, MGS TYPE T	36	EACH	2				
25	606	35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	36	EACH	2				
26	607	39910	VANDAL PROTECTION FENCE, 8' STRAIGHT, COATED FABRIC	37	FT	50				
27	607	50900	GATE, TYPE CL	37	EACH	1				
28	607	98000	FENCE, MISC.: WOOD FENCE	37	FT	1360				
29	607	98000	FENCE, MISC.: TEMPORARY CONSTRUCTION FENCE	37	FT	4170				
30	608	97201	CURB RAMP, AS PER PLAN	38	EACH	12				
31	608	53020	DETECTABLE WARNING	38	SF	92				
<b>SECTION TOTAL ROADWAY :</b>										

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							DOLLARS	I CTS	DOLLARS	I CTS
			<b>EROSION CONTROL</b>							
32	616	10000	WATER	39	MGAL	10				
33	616	20000	CALCIUM CHLORIDE	39	TON	1				
34	659	00100	SOIL ANALYSIS TEST	46	EACH	2				
35	659	00300	TOPSOIL	46	CY	1010				
36	659	10001	SEEDING AND MULCHING, AS PER PLAN TYPE 1	46	SY	5655				
37	659	10001	SEEDING AND MULCHING, AS PER PLAN TYPE 2	46	SY	234				
38	659	20000	COMMERCIAL FERTILIZER	46	TON	0.79				
39	659	31000	LIME	46	ACRE	1.22				
40	659	35000	WATER	46	MGAL	15.9				
41	670	00500	SLOPE EROSION PROTECTION	08	SY	3198				
42	832	15000	STORM WATER POLLUTION PREVENTION PLAN	08	-	LS				
43	832	30000	EROSION CONTROL	08	EACH	52000	\$	1.00	\$	52,000.00
<b>SECTION TOTAL EROSION CONTROL :</b>										
			<b>ENVIRONMENTAL / REMEDIATION</b>							
44	SPECIAL	69065000	WORK INVOLVING NON-REGULATED MATERIALS	NR	TON	50				
45	SPECIAL	69065002	WORK INVOLVING HAZARDOUS WASTE	NR	TON	50				
46	SPECIAL	69065016	WORK INVOLVING PETROLEUM CONTAMINATED SOIL	NR	TON	50				
47	SPECIAL	69065020	WORK INVOLVING WATER	NR	GAL	1000				
48	SPECIAL	69065024	WORK INVOLVING REGULATED WATER	NR	GAL	1000				
<b>SECTION TOTAL ENVIRONMENTAL / REMEDIATION :</b>										

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							DOLLARS	I CTS	DOLLARS	I CTS
			<b>DRAINAGE</b>							
49	601	32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC	35	CY	1.34				
50	602	20000	CONCRETE MASONRY	35	CY	0.46				
51	605	14021	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC, AS PER PLAN	35	FT	3663				
52	611	00511	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS, AS PER PLAN	35	FT	180				
53*	611	00901	6" CONDUIT, TYPE B, AS PER PLAN	35	FT	30				
54*	611	04401	12" CONDUIT, TYPE B, AS PER PLAN	35	FT	931				
55*	611	04901	12" CONDUIT, TYPE D, AS PER PLAN	35	FT	51				
56*	611	10601	24" CONDUIT, TYPE C, AS PER PLAN	35	FT	38				
57*	611	13601	30" CONDUIT, TYPE C, AS PER PLAN	35	FT	10				
58	611	98690	CATCH BASIN, MISC.: CITY OF CLEVELAND CB-1	35	EACH	8				
59	611	98690	CATCH BASIN, MISC.: CITY OF CLEVELAND CB-3	35	EACH	12				
60	611	98510	CATCH BASIN, NO. 2-3	35	EACH	4				
61	611	99690	MANHOLE, MISC.: CITY OF CLEVELAND NO. 1	35	EACH	6				
62	611	98631	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN	35	EACH	1				
63	611	99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN	35	EACH	1				
64	611	99661	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN	35	EACH	1				
65	SPECIAL	61199820	MISCELLANEOUS METAL	35	LB	5000				
<b>SECTION TOTAL DRAINAGE :</b>										

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							DOLLARS	I CTS	DOLLARS	I CTS
			<b>PAVEMENT</b>							
66	255	10161	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC MS, TYPE 1, AS PER PLAN	17	SY	582				
67	255	10161	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC MS, TYPE 2, AS PER PLAN	17	SY	1567				
68	255	20000	FULL DEPTH PAVEMENT SAWING	15	FT	440				
69	301	46001	ASPHALT CONCRETE BASE, PG64-22, AS PER PLAN	10	CY	633				
70	304	20001	AGGREGATE BASE, AS PER PLAN	09	CY	983				
71	407	10000	TACK COAT (0.06 GAL/SY)	11	GAL	456				
72	441	50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, AS PER PLAN	10	CY	159				
73	441	50201	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), AS PER PLAN	10	CY	185				
74	441	50701	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (UNDER GUARDRAIL), AS PER PLAN	10	CY	16				
75	451	13011	8" REINFORCED CONCRETE PAVEMENT, CLASS QC1, AS PER PLAN	38	SY	1312				
76	451	98000	REINFORCED CONCRETE PAVEMENT, MISC.: CLASS MS WITH MACRO SYNTHETIC REINFORCING FIBER @ 4 LB/CY (T=8")	38	SY	192				
77	608	10000	4" CONCRETE WALK	38	SF	483				
78	609	14001	CURB, TYPE 2-A, AS PER PLAN	38	FT	2286				
79	609	16001	CURB, TYPE 2-B, AS PER PLAN	38	FT	2644				
80	609	24511	CURB, TYPE 4-C, AS PER PLAN	38	FT	38				
<b>SECTION TOTAL PAVEMENT :</b>										

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							DOLLARS	I CTS	DOLLARS	I CTS
<b>WATER WORK</b>										
81	SPECIAL	63820762	FIRE HYDRANT SERVICE LINE EXTENDED AND ADJUSTED TO GRADE (CLEVELAND)	35	EACH	1				
82	SPECIAL	63820500	VALVE BOX ADJUSTED TO GRADE (CLEVELAND)	35	EACH	3				
83	SPECIAL	63820902	SERVICE BOX ADJUSTED TO GRADE (CLEVELAND)	35	EACH	9				
84	SPECIAL	63898100	WATER WORK, MISC.: 16" WATER MAIN RELOCATION (CLEVELAND)	35	-	LS				
<b>SECTION TOTAL WATER WORK :</b>										
<b>SANITARY SEWER</b>										
85	611	97300	CONDUIT, MISC.: TEMPORARY PROVISIONS FOR EXISTING SANITARY TREATMENT PLANT	35	-	LS				
<b>SECTION TOTAL SANITARY SEWER :</b>										
<b>TRAFFIC CONTROL</b>										
86	620	00500	DELINEATOR, POST GROUND MOUNTED	42	EACH	18				
87	630	02100	GROUND MOUNTED SUPPORT, NO. 2 POST	42	FT	368.1				
88	630	03100	GROUND MOUNTED SUPPORT, NO. 3 POST	42	FT	152				
89	630	08600	SIGN POST REFLECTOR	42	EACH	5				
90	630	79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED	42	EACH	21				
91	630	80100	SIGN, FLAT SHEET	42	SF	209.2				
92	630	84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	42	EACH	11				
93	630	85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	42	EACH	9				
94	630	86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	42	EACH	7				
95	630	87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL	42	EACH	18				
96	630	87520	REMOVAL OF POLE MOUNTED SIGN AND REERECTION	42	EACH	31				
97	644	00100	EDGE LINE, 4"	45	MILE	0.97				
98	644	00300	CENTER LINE	45	MILE	1.56				
99	644	00400	CHANNELIZING LINE, 8"	45	FT	715				



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							DOLLARS	I CTS	DOLLARS	I CTS
100	644	00500	STOP LINE	45	FT	226				
101	644	00600	CROSSWALK LINE	45	FT	960				
102	644	00700	TRANSVERSE/DIAGONAL LINE	45	FT	633				
103	644	00720	CHEVRON MARKING	45	FT	21				
104	644	00900	ISLAND MARKING	45	SF	54				
105	644	01000	RAILROAD SYMBOL MARKING	45	EACH	4				
106	644	01001	RAILROAD SYMBOL MARKING, AS PER PLAN (TRAIL)	45	EACH	4				
107	644	01300	LANE ARROW	45	EACH	10				
108	644	01382	WORD ON PAVEMENT, 48"	45	EACH	6				
109	644	01500	DOTTED LINE, 4"	45	FT	94				
110	644	01630	BIKE LANE SYMBOL MARKING	45	EACH	1				
111	644	19000	SHARED LANE MARKING	45	EACH	2				
112	644	30020	REMOVAL OF PAVEMENT MARKING	45	EACH	17				
113	644	30030	REMOVAL OF PAVEMENT MARKING	45	MILE	1.78				
<b>SECTION TOTAL TRAFFIC CONTROL :</b>										

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							DOLLARS	I CTS	DOLLARS	I CTS
			<b>TRAFFIC SIGNALS</b>							
114	625	31510	PULL BOX REMOVED	44	EACH	1				
115	625	32000	GROUND ROD	44	EACH	1				
116	625	30707	PULL BOX, 725.08, 24", AS PER PLAN	44	EACH	1				
117	625	29000	TRENCH	44	FT	66				
118	625	29401	TRENCH IN PAVED AREAS, AS PER PLAN	44	FT	75				
119	625	25803	CONDUIT, CONCRETE ENCASED, AS PER PLAN, (2")	44	FT	44				
120	625	25803	CONDUIT, CONCRETE ENCASED, AS PER PLAN, (3")	44	FT	208				
121	632	64010	SIGNAL SUPPORT FOUNDATION	44	EACH	1				
122	632	40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	44	FT	1336				
123	632	40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	44	FT	1088				
124	632	65200	LOOP DETECTOR LEAD-IN CABLE	44	FT	1972				
125	632	90200	REUSE OF VEHICULAR SIGNAL HEAD	44	EACH	4				
126	632	90202	REUSE OF PEDESTRIAN SIGNAL HEAD	44	EACH	2				
127	632	90206	REUSE OF SIGNAL SUPPORT	44	EACH	1				
128	632	90212	REUSE OF CONTROLLER	44	EACH	1				
<b>SECTION TOTAL TRAFFIC SIGNALS :</b>										
			<b>RETAINING WALLS</b>							
129	602	98000	MASONRY, MISC.: MODULAR BLOCK RETAINING WALL, LOCATION A	38	-	LS				
130	602	98000	MASONRY, MISC.: MODULAR BLOCK RETAINING WALL, LOCATION B	34	-	LS				
131	602	98000	MASONRY, MISC.: MODULAR BLOCK RETAINING WALL, LOCATION C	38	-	LS				
<b>SECTION TOTAL RETAINING WALLS :</b>										

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							DOLLARS	I CTS	DOLLARS	I CTS
			<b>STRUCTURE OVER 20 FOOT SPAN (TOWPATH TRAIL)</b>							
132	202	11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	19	-	LS				
133	503	11100	COFFERDAMS AND EXCAVATION BRACING	53	-	LS				
134	503	21100	UNCLASSIFIED EXCAVATION	04	CY	78				
135	509	10000	EPOXY COATED REINFORCING STEEL	23	LB	5258				
136	509	20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN	23	LB	200				
137	510	10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	23	EACH	460				
138	511	34444	CLASS QC2 CONCRETE, BRIDGE DECK	22	CY	38				
139	511	43510	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING	22	CY	48				
140	512	10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	57	SY	41				
141	SPECIAL	51275500	SEALING, MISC.: ELASTOMERIC PROTECTIVE AND DECORATIVE CONCRETE COATING	57	SY	174				
142	517	75121	RAILING (CONCRETE PARAPET WITH TWIN STEEL TUBE RAILING), AS PER PLAN	38	FT	210				
143	518	21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC	35	CY	10				
144	518	40000	6" PERFORATED CORRUGATED PLASTIC PIPE	35	FT	26				
145	518	40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	35	FT	26				
146	524	94908	DRILLED SHAFTS, 54" DIAMETER, INTO BEDROCK	28	FT	24				
147	524	94914	DRILLED SHAFTS, 60" DIAMETER, ABOVE BEDROCK	28	FT	132				
148	526	10001	REINFORCED CONCRETE APPROACH SLABS (T=12"), AS PER PLAN	38	SY	31				
149	SPECIAL	53000200	STRUCTURES: PRE-ENGINEERED BRIDGE	22	-	LS				
150	601	20010	CRUSHED AGGREGATE SLOPE PROTECTION	35	CY	15				
151	607	39911	VANDAL PROTECTION FENCE, 8'-0" STRAIGHT, COATED FABRIC, AS PER PLAN	37	FT	61				
152	609	71000	CONCRETE MEDIAN	38	SF	43				
<b>SECTION TOTAL STRUCTURE OVER 20 FOOT SPAN (TOWPATH TRAIL) :</b>										

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							DOLLARS	I CTS	DOLLARS	I CTS
			<b>MAINTENANCE OF TRAFFIC</b>							
153	614	11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	39	HOUR	160				
154	614	18000	MAINTAINING TRAFFIC, MISC.:MAINTAIN EXISTING TRAFFIC SIGNALS	39	EACH	4				
155	614	21000	WORK ZONE CENTER LINE, CLASS I	39	MILE	0.64				
156	614	23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8"	39	FT	363				
157	614	26000	WORK ZONE STOP LINE, CLASS I	39	FT	24				
158	614	27000	WORK ZONE CROSSWALK LINE, CLASS I	39	FT	134				
159	615	25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B	39	SY	485				
160	632	62830	INTERCONNECT, MISC.:REMOVAL, STORAGE AND REUSE OF EXISTING INTERCONNECT	39	-	LS				
161	632	89301	WOOD POLE, AS PER PLAN	39	EACH	2				
162	816	30001	VIDEO DETECTION SYSTEM, AS PER PLAN	44	EACH	1				
<b>SECTION TOTAL MAINTENANCE OF TRAFFIC :</b>										
			<b>RAILROADS</b>							
163	SPECIAL	1009000	PREMIUM ON RAILROAD'S PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (CSXT)	NR	-	LS				
164	SPECIAL	1009000	PREMIUM ON RAILROAD'S PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (NS)	NR	-	LS				
<b>SECTION TOTAL RAILROADS :</b>										

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							DOLLARS	I CTS	DOLLARS	I CTS
<b>INCIDENTALS</b>										
165	SPECIAL	10810000	CPM PROGRESS SCHEDULE (SEE PROPOSAL NOTES)	NR	-	LS				
166	614	11000	MAINTAINING TRAFFIC	39	-	LS				
167	619	16011	FIELD OFFICE, TYPE B, AS PER PLAN	NR	MNTH	18				
168	623	10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING	NR	-	LS				
169	624	10000	MOBILIZATION	NR	-	LS				
170	SPECIAL	69098400	MISC.: CONSTRUCTION PHOTOGRAPHIC PROJECT DOCUMENTATION (SEE PROPOSAL NOTE)	NR	-	LS				
171	SPECIAL	68019200	LIFT STATION	35	EACH	1				
172	202	98000	REMOVAL, MISC.: DEMOLITION OF EXISTING WASTEWATER TREATMENT PACKAGE PLANT	NR	-	LS				
<b>SECTION TOTAL INCIDENTALS :</b>										
<b>GRAND TOTAL BID :</b>										
<b>ALTERNATE BID ITEMS</b>										
53A	611	00901	6" CONDUIT, TYPE B, AS PER PLAN (CITY OF CLEVELAND)	35	FT	30				
54A	611	04401	12" CONDUIT, TYPE B, AS PER PLAN (CITY OF CLEVELAND)	35	FT	931				
55A	611	04901	12" CONDUIT, TYPE D, AS PER PLAN (CITY OF CLEVELAND)	35	FT	51				
56A	611	10601	24" CONDUIT, TYPE C, AS PER PLAN (CITY OF CLEVELAND)	35	FT	38				
57A	611	13601	30" CONDUIT, TYPE C, AS PER PLAN (CITY OF CLEVELAND)	35	FT	10				
*Reference Nos. 53A-57A each constitute one (1) Alternate Bid Item for Reference Nos. 53-57.										
<b>SECTION TOTAL ALTERNATE BID ITEMS :</b>										

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REF. NO.	SHEET NUM.										ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
	10	11	12	13	25	27A	28	29								
49						1.34					601	32204	1.34	CY	DRAINAGE ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC	
50						0.46					602	20000	0.46	CY	CONCRETE MASONRY	
51						3663					605	14021	3663	FT	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC, AS PER PLAN	11
52						180					611	00511	180	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS, AS PER PLAN	11
53						30					611	00901	30	FT	6" CONDUIT, TYPE B, AS PER PLAN	11
54						931					611	04401	931	FT	12" CONDUIT, TYPE B, AS PER PLAN	11
55						51					611	04901	51	FT	12" CONDUIT, TYPE D, AS PER PLAN	11
56						38					611	10601	38	FT	24" CONDUIT, TYPE C, AS PER PLAN	11
57						10					611	13601	10	FT	30" CONDUIT, TYPE C, AS PER PLAN	11
58						8					611	98690	8	EACH	CATCH BASIN, MISC.: CITY OF CLEVELAND CB-1	11
59						12					611	98690	12	EACH	CATCH BASIN, MISC.: CITY OF CLEVELAND CB-3	11
60						4					611	98510	4	EACH	CATCH BASIN, NO. 2-3	11
61						6					611	99690	6	EACH	MANHOLE, MISC.: CITY OF CLEVELAND NO. 1	11
62						1					611	98631	1	EACH	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN	10
63						1					611	99655	1	EACH	MANHOLE ADJUSTED TO GRADE, AS PER PLAN	10
64						1					611	99661	1	EACH	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN	10
65		5000									SPECIAL	61199820	5000	LB	MISCELLANEOUS METAL	11
66						582					255	10161	582	SY	PAVEMENT FULL DEPTH PAVMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC MS, TYPE 1, AS PER PLAN	
67			600	280		687					255	10161	1567	SY	FULL DEPTH PAVMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC MS, TYPE 2, AS PER PLAN	
68			440								255	20000	440	FT	FULL DEPTH PAVEMENT SAWING	
69							633				301	46001	633	CY	ASPHALT CONCRETE BASE, PG64-22, AS PER PLAN	11
70	21		130				650	182			304	20001	983	CY	AGGREGATE BASE, AS PER PLAN	12
71							456				407	10000	456	GAL	TACK COAT (0.06 GAL/SY)	
72						159					441	50101	159	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, AS PER PLAN	12
73						185					441	50201	185	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), AS PER PLAN	12
74						16					441	50701	16	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (UNDER GUARDRAIL), AS PER PLAN	12
75	250						85	977			451	13011	1312	SY	8" REINFORCED CONCRETE PAVEMENT, CLASS OC1, AS PER PLAN	12
76								192			451	98000	192	SY	REINFORCED CONCRETE PAVEMENT, MISC.: CLASS MS WITH MACRO SYNTHETIC REINFORCING FIBER @ 4 LB/CY (T=8")	87
77							483				608	10000	483	SF	4" CONCRETE WALK	
78			175				2111				609	14001	2286	FT	CURB, TYPE 2-A, AS PER PLAN	12
79			175				2469				609	16001	2644	FT	CURB, TYPE 2-B, AS PER PLAN	12
80							38				609	24511	38	FT	CURB, TYPE 4-C, AS PER PLAN	12
81						1					SPECIAL	63820762	1	EACH	WATER WORK FIRE HYDRANT SERVICE LINE EXTENDED AND ADJUSTED TO GRADE (CLEVELAND)	11
82						3					SPECIAL	63820500	3	EACH	VALVE BOX ADJUSTED TO GRADE (CLEVELAND)	11
83						9					SPECIAL	63820902	9	EACH	SERVICE BOX ADJUSTED TO GRADE (CLEVELAND)	11
84		LS									SPECIAL	63898100	LS	-	WATER WORK, MISC.: 16" WATER MAIN RELOCATION (CLEVELAND)	11
85				LS							611	97300	LS	-	SANITARY SEWER CONDUIT, MISC.: TEMPORARY PROVISIONS FOR EXISTING SANITARY TREATMENT PLANT	13

GENERAL SUMMARY

CUY - TOWPATH TRAIL, STAGE 1

ADDENDUM #3 - 03/27/18

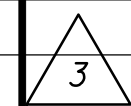
ADDENDUM #2 - 03/23/18

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SHEET NO.	REFERENCE NO.	LOCATION	STATION		SIDE	CADD AREA	204	301	304	407	441	441	441	451	608	609	609	609					
			SUBGRADE COMPACTION	ASPHALT CONCRETE BASE, PG64-22, AS PER PLAN			AGGREGATE BASE, AS PER PLAN	TACK COAT (0.06 GAL/SY)	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, AS PER PLAN	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), AS PER PLAN	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (UNDER GUARDRAIL), AS PER PLAN	8" REINFORCED CONCRETE PAVEMENT, CLASS OC1, AS PER PLAN	4" CONCRETE WALK	CURB, TYPE 2-A, AS PER PLAN	CURB, TYPE 2-B, AS PER PLAN	CURB, TYPE 4-C, AS PER PLAN							
			FROM	TO		SF	SY	CY	CY	GAL	CY	CY	CY	SY	SF	FT	FT	FT					
31	P1	TOWPATH TRAIL	100+35.00	102+65.63	CL	2301	256	43	43	31	11	12											
	P2	TOWPATH TRAIL	102+41.95	102+65.63	RT	72									72								
	P3	TOWPATH TRAIL	103+30.91	104+36.71	CL	1059	118	20	20	14	5	6											
	P4	TOWPATH TRAIL	101+00.00	102+00.00	LT	102								1									
	C1	TOWPATH TRAIL	101+11.20	106+62.48	RT													1513					
	C2	TOWPATH TRAIL	103+95.22	107+33.21	RT													336					
32	P5	TOWPATH TRAIL	104+66.71	107+37.03	CL	3227	359	60	60	43	15	17											
	P6	TOWPATH TRAIL	106+62.48	107+39.05	RT	132																	
	P7	TOWPATH TRAIL	109+18.52	110+26.18	RT	224								1									
	P8	TOWPATH TRAIL	109+49.28	116+52.68	CL	7595	844	141	141	101	35	41											
	C3	TOWPATH TRAIL	107+39.05	107+59.50	RT																19		
	C4	TOWPATH TRAIL	109+29.75	109+49.75	RT																19		
33	C5	TOWPATH TRAIL	109+49.75	113+40.48	RT													390					
	C6	TOWPATH TRAIL	113+66.39	116+01.93	RT													230					
34	P8A	TOWPATH TRAIL	115+64.44	115+69.44	RT										152								
	P9	TOWPATH TRAIL	116+35.10	116+37.37	LT	110	12	2	2	1	1	1											
	P10	TOWPATH TRAIL	117+57.05	118+11.77	CL	547	61	10	10	7	3	3											
	P11	TOWPATH TRAIL	118+36.77	119+15.15	CL	784	87	15	15	10	4	4											
	P12	TOWPATH TRAIL	119+68.63	122+62.01	CL	2931	326	54	54	39	14	16											
	C7	TOWPATH TRAIL	116+23.42	116+41.04	LT													54					
	C8	TOWPATH TRAIL	116+33.54	116+33.62	LT													22					
	C9	TOWPATH TRAIL	116+37.97	116+38.42	LT													11					
	C10	TOWPATH TRAIL	117+24.10	126+26.00	RT/LT													950					
35	P13	TOWPATH TRAIL	122+40.97	122+62.00	RT	263	29		5					29									
	P14	TOWPATH TRAIL	122+86.45	123+23.85	RT	497	55		9				55										
	P15	TOWPATH TRAIL	122+86.46	123+23.77	CL	373	41	7	7	5	2	2											
	P16	TOWPATH TRAIL	123+54.74	124+59.98	CL	1062	118	20	20	14	5	6											
	P17	TOWPATH TRAIL	123+73.42	123+78.42	RT	104			2						104								
	P18	TOWPATH TRAIL	124+23.89	124+28.89	RT	104			2						104								
	P19	TOWPATH TRAIL	124+89.98	125+49.80	CL	598	66	11	11	8	3	3											
36	P20	TOWPATH TRAIL	126+15.14	129+02.25	CL	2866	318	53	53	38	13	15											
	P21	TOWPATH TRAIL	129+14.25	130+09.65	CL	955	106	18	18	13	4	5											
	P22	TOWPATH TRAIL	130+46.32	132+87.42	CL	2412	268	45	45	32	11	13											
	P23	TOWPATH TRAIL	130+95.00	131+05.00	LT	50									50								
	C10A	TOWPATH TRAIL	127+09.50	133+14.16	LT													640					
37	C11	TOWPATH TRAIL	133+35.94	137+05.98	LT													434					
	P24	TOWPATH TRAIL	132+15.16	132+95.71	RT	493																	
	P25	TOWPATH TRAIL	133+87.15	136+73.18	CL	2859	318	53	53	38	13	15											
	P26	TOWPATH TRAIL	133+82.62	136+87.25	LT	797																	
	P27	TOWPATH TRAIL	134+05.00	136+88.17	RT	1089																	
38	P28	TOWPATH TRAIL	137+80.76	142+26.50	CL	4452	495	82	82	59	21	24											
TOTALS CARRIED TO GENERAL SUMMARY							3877	633	650	456	159	185	16	85	483	2111	2469	38					



CALCULATED	CEL
	CHECKED
VLW	
<b>PAVEMENT SUBSUMMARY</b>	
<b>CUY - TOWPATH TRAIL, STAGE 1</b>	
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