



**JOE CATTELL, PE, PS**  
Gauga County Engineer

April 7, 2020

Russell Township Board of Trustees  
c/o Karen Walder, Fiscal Officer  
8501 Kinsman Road  
Novelty, OH 44072

Re: Reconstruction of County Line Road, TR 93  
Russell Township & Village of Hunting Valley  
Project Change Order No. 4  
Pay Application No. 8 / OPWC Disbursement No. 4

Dear Trustees:

Enclosed please find the documents related to Project Change Order No. 4 – Restocking & Site Stabilization & Pay application No. 8. The additional work items have been reviewed and approved by the Village of Hunting Valley. This office recommends the Board of Trustees approve the attached Change Order and payment No. 8.

We ask the Township approve the change order (Change Order No. 4) for the project. This change order covers project bid line item overages incidental to the project in addition to extra work claims. This Change Order revises the Contract amount to \$3,785,677.91. Please approve and execute all four original copies of the supplemental agreement that amends the Contract Time for the project. Upon approval; one copy is for the Township, one shall be sent to the Village and the Contractor, and the last returned back to this office.

Upon acceptance of Change Order No. 4, this office recommends payment of the attached invoice in the amount of \$83,935.88 to TRAX Construction Co. We recommend that the Township submit \$29,826.73 (Russell Township responsibility) to OPWC for payment and pay the remaining \$54,109.15 with local funds per the MOU for the project. Please authorize Mr. Gary Gabram, Trustee and Ms. Karen Walder, Fiscal Officer to sign the Appendix E document.

Please return the signed Appendix E along with copies of the local warrants/checks for local match verification to this office and we will process the paperwork through the Ohio Public Works Commission.

A detailed breakdown of actual project construction costs, as outlined in the Construction Cost MOU has been included.

It is our understanding that certified payroll reports for this project are being directly sent to the Township by the Contractor.

Should you have any questions regarding this matter, please let me know.

Sincerely,

Joe Cattell, PE, PS  
Geauga County Engineer

A handwritten signature in black ink, appearing to read 'JG', is positioned above the name of Nicholas J. Gorris.

Nicholas J. Gorris, PE  
Deputy Engineer

Enclosure  
cc: File

ITEM NO.	ODOT NO.	DESCRIPTION OF ITEM	ACTUAL QUANTITIES		UNIT BID	TOTAL BID	100% HV	PARTICIPATION HV		RT	% QUANTITY CHECK
			QUANTITIES	UNIT BID				HV	RT		
1	103	Contact Performance Bond and Premium	1.00	LUMP	\$35,000.00	\$35,000.00	0.16	\$0.00	\$0.00	\$0.00	0.00
2	201	Clearing And Grubbing, As Per Plan	1.00	LUMP	\$70,389.90	\$70,389.90	0.16	\$11,262.38	\$0.00	\$17,500.00	0.00
3	202	Handrail Removed	5	EACH	\$575.00	\$2,875.00	1	\$575.00	\$0.00	\$29,563.78	0.00
4	202	Pavement Removed	0	SY	\$12.00	\$0.00		\$0.00	\$0.00	\$1,160.00	-2.00
5	202	Walk Removed	0	SF	\$2.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
6	202	Steps Removed	0	LUMP	\$1,500.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
7	202	Concrete Barrier Removed	0	FEET	\$8.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
8	202	Pipe Removed, 24" And Under	4037	FEET	\$8.00	\$32,296.00	607	\$4,856.00	\$0.00	\$12,176.00	0.00
9	202	Guardrail Removed	0	FEET	\$3.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
10	202	Catch Basin Removed	21	EACH	\$485.00	\$10,185.00	8	\$3,880.00	\$0.00	\$1,455.00	0.00
11	202	Fence Removed For Reuse, As Per Plan	173	FEET	\$13.00	\$2,249.00		\$0.00	\$0.00	\$572.00	0.00
12	202	Gate Removed For Reuse, As Per Plan	0	FEET	\$55.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
13	202	Removal Misc.: Railroad Ties	48	FEET	\$10.00	\$480.00		\$0.00	\$0.00	\$480.00	0.00
14	202	Removal Misc.: Stone Wall	43	FEET	\$22.00	\$946.00	28.5	\$627.00	\$0.00	\$319.00	0.00
15	202	Removal Misc.: Brick Walk	14	SF	\$50.00	\$700.00		\$0.00	\$0.00	\$700.00	0.00
16	203	Embankment, As Per Plan	4006.0	CY	\$12.00	\$48,072.00	84	\$1,008.00	\$0.00	\$23,532.00	0.00
17	203	Excavation, As Per Plan	10824.0	CY	\$10.00	\$108,240.00	21.6	\$216.00	\$54,012.00	\$54,012.00	0.00
18	203	Excavation (Drywall)	0.0	CY	\$10.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
19	204	Proof Rolling	0.0	HOUR	\$100.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
20	204	Subgrade Compaction	0.0	SY	\$1.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
21	204	Subgrade Compaction (Drywall)	0.0	SY	\$1.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
22	206	Portland Cement	0.0	TON	\$154.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
23	206	Cement Stabilized Subgrade, 12 Inches Deep (Min)	0.0	SY	\$3.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
24	206	Cement Stabilized Subgrade, Extra Volume	0.0	CY	\$5.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
25	206	Mixure Design For Chemically Stabilized Soils	1	LUMP	\$15,928.00	\$15,928.00	0.50	\$0.00	\$0.00	\$7,964.00	0.00
26	208	Pre-Grind, 12 Inches Deep (Min)	0.0	SY	\$2.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
27	209	Preparing Subgrade For Shoulder Paving, As Per Plan	0.0	STA	\$5.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
28	254	Pavement Paving, Asphalt Concrete (Variable)	0.0	SY	\$10.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
29	606	Guardrail, Type MGS	0.0	FEET	\$17.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
30	606	Anchor Assembly, MGS Type E-88	0	EACH	\$2,800.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
31	606	Anchor Assembly, MGS Type T	0	EACH	\$1,200.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
32	608	4" Concrete Walk	0.0	SF	\$10.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
33	611	Gas Valve Box Adjusted To Grade	0	EACH	\$25.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
34	616	Dust Control, Stabilization, As Per Plan	0.0	MIGAL	\$500.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
35	623	Monument Assembly	0	EACH	\$500.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
36	623	Monument Assembly	0	EACH	\$78.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00
37	623	Monument Support	0	EACH	\$125.00	\$0.00		\$0.00	\$0.00	\$0.00	0.00

The Reconstruction of County Line Road, Sections A-C  
Russell Township Village of Hunting Valley

ITEM NO.	ODOT NO.	DESCRIPTION OF ITEM	ACTUAL		UNIT BID	TOTAL BID	100% HV	PARTICIPATION		RT	% QUANTITY CHECK			
			QUANTITIES					HV						
38	601	Rock Channel Protection, Type C With Filter	40.3	CY	\$100.00	\$4,030.00	6.7	\$670.00	16.80	\$1,680.00	16.80	\$1,680.00	40.30	0.00
39	659	Seeding And Mulching, Class 1	0	SY	\$1.00	\$0.00		\$0.00		\$0.00		\$0.00	0.00	0.00
40	659	Soil Analysis Test	0	EACH	\$375.00	\$0.00		\$0.00		\$0.00		\$0.00	0.00	0.00
41	659	Topsoil, Furnished And Placed	0	CY	\$15.00	\$0.00		\$0.00		\$0.00		\$0.00	0.00	0.00
42	659	Repair Seeding And Mulching	0	SY	\$1.00	\$0.00		\$0.00		\$0.00		\$0.00	0.00	0.00
43	659	Inter-Seeding	0	SY	\$0.50	\$0.00		\$0.00		\$0.00		\$0.00	0.00	0.00
44	659	Commercial Fertilizer	0.0	TON	\$350.00	\$0.00		\$0.00		\$0.00		\$0.00	0.00	0.00
45	659	Lime	0.0	ACRE	\$100.00	\$0.00		\$0.00		\$0.00		\$0.00	0.00	0.00
46	659	Weeder	0.0	M GAL	\$50.00	\$0.00		\$0.00		\$0.00		\$0.00	0.00	0.00
47	659	Mowing	0.0	M SF	\$2.00	\$0.00		\$0.00		\$0.00		\$0.00	0.00	0.00
48	670	Slope Erosion Protection	21552	SY	\$2.00	\$43,104.00		\$0.00	10776.00	\$21,552.00	10776.00	\$21,552.00	21552.00	0.00
49	832	Perimeter Filter Fabric Fence	2237	FEET	\$2.00	\$4,474.00	236	\$470.00	1001.00	\$2,002.00	1001.00	\$2,002.00	2237.00	0.00
50	832	Construction Seeding And Mulching	21340	SY	\$0.70	\$14,938.00		\$0.00	13000.00	\$9,100.00	13000.00	\$9,100.00	26000.00	-4680.00
51	832	Inter Production, As Per Plan	26	EACH	\$65.00	\$2,210.00	15	\$1,275.00	5.00	\$425.00	6.00	\$510.00	26.00	0.00
52	832	Filter Fabric Ditch Check	1000	FEET	\$7.00	\$7,000.00	100	\$700.00	444.00	\$3,108.00	456.00	\$3,192.00	1000.00	0.00
53	832	Rock Ditch Check, Type C With Filter	0.0	CY	\$100.00	\$0.00		\$0.00		\$0.00		\$0.00	0.00	0.00
54	832	Stormwater Pollution Prevention Plan	1	LUMP	\$15,000.00	\$15,000.00	1.5	\$0.00	0.50	\$7,500.00	0.50	\$7,500.00	1.00	0.00
55	802	Concrete Masonry	17.6	CY	\$1,000.00	\$17,600.00		\$1,500.00	9.25	\$9,250.00	8.05	\$8,050.00	18.80	-1.20
56	802	Full Height Headwall, As Per Plan	0	EACH	\$2,000.00	\$0.00		\$0.00		\$0.00		\$0.00	0.00	0.00
57	805	6" Conduit, Type F For Underdrain Outlets	454.0	FEET	\$8.00	\$3,632.00	154	\$1,232.00	300.00	\$2,400.00		\$0.00	454.00	0.00
58	805	6" Base Pipe Underdrain, As Per Plan	10789.2	FEET	\$11.00	\$118,681.20	2884	\$31,834.00	7898.20	\$86,847.20		\$0.00	10789.20	0.00
59	811	4" Conduit, Type E	20.0	FEET	\$6.00	\$120.00		\$0.00		\$0.00		\$120.00	20.00	0.00
60	811	6" Conduit, Type F	7.5	FEET	\$7.00	\$52.50		\$0.00	7.50	\$52.50		\$0.00	7.50	0.00
61	811	12" Conduit, Type A	0.0	FEET	\$79.00	\$0.00		\$0.00		\$0.00		\$0.00	0.00	0.00
62	811	12" Conduit, Type B	875.4	FEET	\$72.00	\$63,028.80	796.4	\$55,180.80	109.00	\$7,848.00		\$0.00	875.40	0.00
63	811	12" Conduit, Type C	67.0	FEET	\$72.00	\$4,824.00		\$0.00	67.00	\$4,824.00		\$0.00	67.00	0.00
64	811	12" Conduit, Type D	938.0	FEET	\$72.00	\$67,536.00	101	\$7,272.00	411.00	\$29,592.00	428.00	\$30,872.00	938.00	0.00
65	811	18" Conduit, Type A	859.5	FEET	\$83.00	\$71,338.50	83	\$8,889.00	416.00	\$34,528.00	413.50	\$34,320.50	812.50	-53.00
66	811	18" Conduit, Type D	40.0	FEET	\$76.00	\$3,040.00		\$0.00		\$0.00		\$0.00	40.00	0.00
67	811	18" Conduit, Type A	328.0	FEET	\$79.00	\$25,991.00		\$0.00	159.50	\$12,600.50	189.50	\$13,390.50	328.00	0.00
68	811	18" Conduit, Type C	64.0	FEET	\$72.00	\$4,608.00		\$0.00	40.00	\$2,880.00	64.00	\$4,608.00	104.00	-40.00
69	811	18" Conduit, Type D	222.0	FEET	\$72.00	\$15,984.00		\$0.00		\$0.00		\$0.00	222.00	-3.70
70	811	24" Conduit, Type A	141.0	FEET	\$86.00	\$12,126.00		\$0.00	70.50	\$6,083.00	70.50	\$6,083.00	141.00	0.00
71	811	24" Conduit, Type B	55.0	FEET	\$80.00	\$4,400.00	70	\$5,600.00		\$0.00		\$0.00	70.00	-15.00
72	811	Cuyahoga County Catch Basin CB-3C	18	EACH	\$2,500.00	\$45,000.00	18	\$45,000.00		\$0.00		\$0.00	18.00	0.00
73	811	Catch Basin, No. 6	2	EACH	\$2,500.00	\$5,000.00	2	\$5,000.00		\$0.00		\$0.00	2.00	0.00
74	811	Catch Basin, No. 3-2A	1	EACH	\$2,500.00	\$2,500.00	2	\$0.00	1.00	\$2,500.00		\$0.00	1.00	0.00

The Reconstruction of County Line Road, Sections A-C  
Russell Township Village of Hunting Valley

ITEM NO.	ODOT NO.	DESCRIPTION OF ITEM	ACTUAL QUANTITIES	UNIT BID	TOTAL BID	100% HV	PARTICIPATION HV	RT	% QUANTITY CHECK
75	611	Catch Basin, No. 3-28	8 EACH	\$2,800.00	\$20,800.00	3			0.00
76	611	Catch Basin, No. 2-9	4 EACH	\$2,700.00	\$10,800.00		2.00	\$5,200.00	4.00
77	611	Manhole No. 3	9 EACH	\$3,100.00	\$27,900.00	9			0.00
78	611	Manhole Adjusted To Grade	0 EACH	\$675.00	\$0.00				0.00
79	611	Manhole Reconstructed To Grade	0 EACH	\$1,000.00	\$0.00				0.00
80		Miscellaneous Metal	183 LBS	\$2.00	\$366.00	131	52.00	\$104.00	183.00
81	263	Pavement Repair, As Per Plan	210.3 SY	\$70.00	\$14,721.00	210.3		\$0.00	210.30
82	301	3" Asphalt Concrete Base, PG64-22, As Per Plan	458.7 CY	\$105.00	\$48,163.50	458.7		\$0.00	458.70
83	301	3" Asphalt Concrete Base, PG64-22, As Per Plan (Ones)	0.0 CY	\$203.00	\$0.00			\$0.00	0.00
84	304	Aggregate Base (Ones), As Per Plan	0.0 CY	\$60.00	\$0.00			\$0.00	0.00
85	304	Aggregate Base, As Per Plan	4.7 CY	\$60.00	\$282.00	4.7		\$0.00	4.70
86	305	Concrete Base Misc.: 6" Concrete Base, Class GC MS	0.0 SY	\$72.00	\$0.00			\$0.00	0.00
87	407	Tack Coat	0 GAL	\$2.00	\$0.00			\$0.00	0.00
88	424	1" Fine Unseal Polymer Asphalt Concrete, Surface Course, PG64-22	0.0 CY	\$173.00	\$0.00			\$0.00	0.00
89	441	2" Asphalt Concrete Intermediate Course, Type 4, (1949), PG64-22	0.0 CY	\$116.00	\$0.00			\$0.00	0.00
90	441	2.5" Asphalt Concrete Surface Course, Type 1, (1949), PG64-22	0.0 CY	\$250.00	\$0.00			\$0.00	0.00
91	441	Asphalt Concrete Intermediate Course, Type 1, (1949) (As Per Plan)	0.0 CY	\$200.00	\$0.00			\$0.00	0.00
92	441	1.5" Asphalt Concrete Intermediate Course, Type 4, (1949), PG64-22	0.0 CY	\$200.00	\$0.00			\$0.00	0.00
93	441	2" Asphalt Concrete Surface Course, Type 1, (1949), PG64-22	0.0 CY	\$250.00	\$0.00			\$0.00	0.00
94	452	6" Non-Reinforced Concrete Pavement, Class GC MS	0.0 SY	\$65.00	\$0.00			\$0.00	0.00
95	609	Curb, Type 8, As Per Plan	2520.6 FEET	\$14.00	\$35,288.40	2520.6		\$0.00	2520.60
96	609	Curb, Type 8, 8 Inch Reveal, As Per Plan	0.0 FEET	\$14.50	\$0.00			\$0.00	0.00
97	609	Curb, Type 2A (Ones)	0.0 FEET	\$17.00	\$0.00			\$0.00	0.00
98	617	Compacted Aggregate, As Per Plan	0.0 CY	\$50.00	\$0.00			\$0.00	0.00
99	617	Compacted Aggregate, As Per Plan	0.0 CY	\$2.00	\$0.00			\$0.00	0.00
99	617	Longitudinal Joint Adhesive	0 LBS	\$2.00	\$0.00			\$0.00	0.00
100		Special Salvaged Brick Pavers	0.0 SY	\$51.00	\$0.00			\$0.00	0.00
101	638	12" Water Main Locust Iron Pipe, With 1-Piece-1/2" Joints And 12" Flange	250.5 FEET	\$155.00	\$38,827.50	250.5		\$0.00	250.50
102	638	Special Unreinforced Concrete And 12" Flange	3 EACH	\$800.00	\$2,400.00	3		\$0.00	3.00
103	638	Flange Hydrant	0 EACH	\$75.00	\$0.00			\$0.00	0.00
104	638	Valve Box Adjusted To Grade	0 EACH	\$875.00	\$0.00			\$0.00	0.00
105	638	12" Cutting In Sleeve, Valve And Valve Box, Complete	3 EACH	\$1,600.00	\$4,800.00	4		\$0.00	-1.00
106	638	12" Cutting In Sleeve, Valve And Valve Box, Complete	3 EACH	\$8,100.00	\$24,300.00	3		\$0.00	3.00
107		Special Fire Hydrant Adjusted To Grade	7 EACH	\$1,000.00	\$7,000.00	7		\$0.00	7.00
108		Special Extendedation And Adjust Hydrant To Grade, Straight Type	8 EACH	\$3,200.00	\$25,600.00	8		\$0.00	8.00
109		Special Water Work Misc.: Lay of Unseal Water Subsegment	1 LUMP	\$9,284.00	\$9,284.00	1.0		\$0.00	1.00
110		Special Misc.: As-Built Water Main Drawings	0 LUMP	\$2,500.00	\$0.00			\$0.00	0.00
111		Special Misc.: Water Main Reconnect Water Service Connection, Short Size, 1" Min.	0 EACH	\$875.00	\$0.00			\$0.00	0.00

The Reconstruction of County Line Road, Sections A-C  
Russell Township Village of Hunting Valley

ITEM NO.	ODOT NO.	DESCRIPTION OF ITEM	ACTUAL QUANTITIES	UNIT BID	TOTAL BID	100% HV	PARTICIPATION HV	RT	% QUANTITY CHECK	
112	620	Removal of Pedestrian	0	EACH	\$25.00	\$0.00	\$0.00	\$0.00	0.00	
113	630	Ground Mounted Support, No. 2 Post	0.0	FEET	\$9.00	\$0.00	\$0.00	\$0.00	0.00	
114	630	Ground Mounted Support, No. 3 Post	0.0	FEET	\$10.00	\$0.00	\$0.00	\$0.00	0.00	
115	630	Street Name Sign Support, No. 3 Post	0.0	FEET	\$11.00	\$0.00	\$0.00	\$0.00	0.00	
116	630	Sign Post Reflector	0	EACH	\$25.00	\$0.00	\$0.00	\$0.00	0.00	
117	630	Sign, Flat Sheet	0.0	SF	\$15.00	\$0.00	\$0.00	\$0.00	0.00	
118	630	Removal of Ground Mounted Sign And Disposal	0	EACH	\$11.00	\$0.00	\$0.00	\$0.00	0.00	
119	630	Removal of Ground Mounted Post Support And Disposal	0	EACH	\$6.00	\$0.00	\$0.00	\$0.00	0.00	
120	630	Removal of Pole Mounted Post Sign And Disposal	0	EACH	\$11.00	\$0.00	\$0.00	\$0.00	0.00	
121	644	Edge Line, 4"	0.00	MILE	\$2,800.00	\$0.00	\$0.00	\$0.00	0.00	
122	644	Center Line	0.00	MILE	\$5,000.00	\$0.00	\$0.00	\$0.00	0.00	
123	644	Stop Line	0.0	FEET	\$7.00	\$0.00	\$0.00	\$0.00	0.00	
124	503	Unclassified Excavation	8.4	CY	\$18.00	\$151.20	\$84.80	\$0.00	8.40	
125	518	Porous Baffle With Geotextile Fabric	0.0	CY	\$60.00	\$0.00	\$0.00	\$0.00	0.00	
126	518	Retaining wall, hsec.: stone retaining post construction with special	0.0	SF	\$3.00	\$0.00	\$0.00	\$0.00	0.00	
127	518	Retaining Wall, hsec.: Modular Block Wall	0.0	SF	\$74.00	\$0.00	\$0.00	\$0.00	0.00	
128	203	Granular Embankment, Type F	0.0	CY	\$60.00	\$0.00	\$0.00	\$0.00	0.00	
129	410	Traffic Compacted Surface, Type A or B	125.5	CY	\$25.00	\$3,137.50	\$0.00	\$0.00	125.50	
130	616	Water	15.0	M GAL	\$35.00	\$525.00	\$0.00	\$0.00	15.00	
131	614	Maintaining Traffic	1.00	LUMP	\$39,619.00	\$39,619.00	\$0.00	\$0.00	1.00	
132	619	Field Office, Type A	4.0	MONTH	\$875.00	\$3,500.00	\$0.00	\$0.00	4.00	
133	623	Construction Layout Stakes and Surveying	0.75	LUMP	#####	\$78,698.00	\$0.00	\$0.00	0.75	
134	624	Mobilization	1.00	LUMP	\$80,555.18	\$80,555.18	\$0.00	\$0.00	1.00	
CO2	-	Change Order No. 2 (Supplementals Only)	1.0	LUMP	\$80,555.18	\$80,555.18	\$0.00	\$0.00	1.00	
CO4	-	Change Order No. 4	1.0	LUMP	\$91,234.85	\$91,234.85	\$58,814.30	\$32,420.35	0.00	
					<b>TOTAL</b>	<b>\$1,507,765.83</b>	<b>\$522,251.76</b>	<b>\$559,698.70</b>	<b>\$441,772.77</b>	<b>\$1,523,723.23</b>

Date: \_\_\_\_\_  
By: \_\_\_\_\_  
Agency: \_\_\_\_\_

Pay 8 Earned	\$480,471.620	100% HV	\$985,394.42	HV	\$408,430.95	RT	\$1,401,825.37
Pay 8 Earned Less Retainage (8%)	\$443,836.890						
Less Previous Payments	\$941,285.27				\$376,604.22		\$1,317,889.49
Pay 8 Earned (Less Retainage) Sub-Total	\$443,836.890						
Pay 8 Actual	\$84,108.15				\$39,826.73		\$83,935.88
PAY THIS AMOUNT							

• Record 3.31.2020 3:44 PM

Trax Construction Co.  
30701 Euclid Ave.  
Wickliffe, OH 44092

Date: 03/31/20

Owner: Russell Township  
8501 Kinsman Rd.  
Novelty, OH 44072

Project: The Reconstruction of County Line Road

PAY REQUEST #8

Through March 29, 2020

Item No.	Description	Qty	Unit	Unit Price	Total	Previous Complete	Period Quantity	Complete This Period	Total Complete	Total Qty.
1	Contract Performance Bond and Premium	1.00	LUMP	35,000.00	35,000.00	\$35,000.00	0.00	0.00	35,000.00	1.00
2	Clearing and Grubbing, As Per Plan	1.00	LUMP	70,389.90	70,389.90	\$70,389.90	0.00	0.00	70,389.90	1.00
3	Headwall Removed	5.00	EACH	575.00	2,875.00	\$2,875.00	0.00	0.00	2,875.00	5.00
4	Pavement Removed	104.00	SY	12.00	1,248.00	\$0.00	0.00	0.00	0.00	0.00
5	Walk Removed	32.00	SF	2.00	64.00	\$0.00	0.00	0.00	0.00	0.00
6	Steps Removed	1.00	LUMP	1,500.00	1,500.00	\$0.00	0.00	0.00	0.00	0.00
7	Concrete Barrier Removed	87.00	FEET	8.00	696.00	\$0.00	0.00	0.00	0.00	0.00
8	Pipe Removed, 24" and Under	4,529.00	FEET	8.00	36,232.00	\$32,296.00	0.00	0.00	32,296.00	4,037.00
9	Guardrail Removed	933.00	FEET	3.00	2,799.00	\$0.00	0.00	0.00	0.00	0.00
10	Catch Basin Removed	26.00	EACH	485.00	12,610.00	\$10,185.00	0.00	0.00	10,185.00	21.00
11	Fence Removed For Reuse, As Per Plan	380.00	FEET	13.00	4,940.00	\$2,249.00	0.00	0.00	2,249.00	173.00
12	Gate Removed For Reuse, As Per Plan	15.00	FEET	55.00	825.00	\$0.00	0.00	0.00	0.00	0.00
13	Removal Misc.: Railroad Ties	49.00	FEET	10.00	490.00	\$490.00	0.00	0.00	490.00	49.00
14	Removal Misc.: Stone Wall	93.00	FEET	22.00	2,046.00	\$946.00	0.00	0.00	946.00	43.00
15	Removal Misc.: Brick Walk	33.00	SF	50.00	1,650.00	\$700.00	0.00	0.00	700.00	14.00
16	Embankment, As Per Plan	8,307.00	CY	12.00	75,684.00	\$48,072.00	0.00	0.00	48,072.00	4,006.00
17	Excavation, As Per Plan	17,053.00	CY	10.00	170,530.00	\$108,240.00	0.00	0.00	108,240.00	10,824.00
18	Excavation (Drives)	473.00	CY	10.00	4,730.00	\$0.00	0.00	0.00	0.00	0.00
19	Proof Rolling	32.00	HOUR	100.00	3,200.00	\$0.00	0.00	0.00	0.00	0.00
20	Subgrade Compaction	45,307.00	SY	1.00	45,307.00	\$0.00	0.00	0.00	0.00	0.00
21	Subgrade Compaction (Drives)	2,469.00	SY	1.00	2,469.00	\$0.00	0.00	0.00	0.00	0.00
22	Portland Cement	1,355.00	TON	154.00	208,670.00	\$0.00	0.00	0.00	0.00	0.00
23	Cement Stabilized Subgrade, 12 Inches Deep (Min)	41,565.00	SY	3.00	124,695.00	\$0.00	0.00	0.00	0.00	0.00
24	Cement Stabilized Subgrade, Extra Volume	455.00	CY	5.00	2,275.00	\$0.00	0.00	0.00	0.00	0.00
25	Mixture Design for Chemically Stabilized Soils	1.00	LUMP	15,928.00	15,928.00	\$15,928.00	0.00	0.00	15,928.00	1.00
26	Pre-Grind, 12 Inches Deep (Min)	35,467.00	SY	2.00	70,934.00	\$0.00	0.00	0.00	0.00	0.00
27	Preparing Subgrade For Shoulder Paving, As Per Plan	363.00	STA	55.00	19,965.00	\$0.00	0.00	0.00	0.00	0.00
28	Pavement Planing, Asphalt Concrete (T=Variable)	787.00	SY	10.00	7,870.00	\$0.00	0.00	0.00	0.00	0.00
29	Guardrail, Type MGS	1,262.50	FEET	17.00	21,462.50	\$0.00	0.00	0.00	0.00	0.00

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30	Anchor Assembly, MGS Type E-98	11.00 EACH	2,800.00	30,800.00	\$0.00	0.00	0.00	0.00	0.00
31	Anchor Assembly, MGS Type T	1.00 EACH	1,200.00	1,200.00	\$0.00	0.00	0.00	0.00	0.00
32	4" Concrete Walk	34.00 SF	10.00	340.00	\$0.00	0.00	0.00	0.00	0.00
33	Gas Valve Box Adjusted to Grade	1.00 EACH	25.00	25.00	\$0.00	0.00	0.00	0.00	0.00
34	Dust Control, Stabilization, As Per Plan	10.30 MGAL	500.00	5,150.00	\$0.00	0.00	0.00	0.00	0.00
35	Monument Assembly	26.00 EACH	500.00	13,000.00	\$0.00	0.00	0.00	0.00	0.00
36	Mailbox Support	10.00 EACH	79.00	790.00	\$0.00	0.00	0.00	0.00	0.00
37	Mailbox Removed And Reset	59.00 EACH	125.00	7,375.00	\$0.00	0.00	0.00	0.00	0.00
38	Rock Channel Protection, Type C with Filter	42.60 CY	100.00	4,260.00	\$4,030.00	0.00	4,030.00	40.30	0.00
39	Seeding And Mulching, Class 1	43,341.00 SY	1.00	43,341.00	\$0.00	0.00	0.00	0.00	0.00
40	Soil Analysis Test	5.00 EACH	375.00	1,875.00	\$0.00	0.00	0.00	0.00	0.00
41	Topsoil, Furnished And Placed	4,403.00 CY	15.00	66,045.00	\$0.00	0.00	0.00	0.00	0.00
42	Repair Seeding And Mulching	2,134.00 SY	1.00	2,134.00	\$0.00	0.00	0.00	0.00	0.00
43	Inter-Seeding	2,134.00 SY	0.50	1,067.00	\$0.00	0.00	0.00	0.00	0.00
44	Commercial Fertilizer	6.00 TON	350.00	2,100.00	\$0.00	0.00	0.00	0.00	0.00
45	Lime	8.60 ACRE	100.00	860.00	\$0.00	0.00	0.00	0.00	0.00
46	Water	236.00 MGAL	50.00	11,800.00	\$0.00	0.00	0.00	0.00	0.00
47	Mowing	370.00 MSF	2.00	740.00	\$0.00	0.00	0.00	0.00	0.00
48	Slope Erosion Protection	29,665.00 SY	2.00	59,330.00	\$43,104.00	0.00	43,104.00	21,552.00	0.00
49	Perimeter Filler Fabric Fence	4,100.00 FEET	2.00	8,200.00	\$4,474.00	0.00	4,474.00	2,237.00	0.00
50	Construction Seeding And Mulching	21,340.00 SY	0.70	14,938.00	\$14,938.00	0.00	14,938.00	21,340.00	26.00
51	Inlet Protection, As Per Plan	34.00 EACH	85.00	2,890.00	\$2,210.00	0.00	2,210.00	26.00	0.00
52	Filler Fabric Ditch Check	1,000.00 FEET	7.00	7,000.00	\$7,000.00	0.00	7,000.00	1,000.00	0.00
53	Rock Ditch Check, Type C With Filter	40.00 CY	100.00	4,000.00	\$0.00	0.00	0.00	0.00	0.00
54	Stormwater Pollution Prevention Plan	1.00 LUMP	15,000.00	15,000.00	\$15,000.00	0.00	15,000.00	1.00	0.00
55	Concrete Masonry	17.60 CY	1,000.00	17,600.00	\$17,600.00	0.00	17,600.00	17.60	0.00
56	Full Height Headwall, As Per Plan	1.00 EACH	2,000.00	2,000.00	\$0.00	0.00	0.00	0.00	0.00
57	6" Conduit, Type F For Underdrain Outlets	480.00 FEET	8.00	3,840.00	\$3,632.00	0.00	3,632.00	454.00	0.00
58	6" Base Pipe Underdrains, As Per Plan	15,869.00 FEET	11.00	174,559.00	\$118,681.20	0.00	118,681.20	10,789.20	20.00
59	4" Conduit, Type E	100.00 FEET	6.00	600.00	\$120.00	0.00	120.00	20.00	0.00
60	6" Conduit, Type F	100.00 FEET	7.00	700.00	\$52.50	0.00	52.50	7.50	0.00
61	12" Conduit, Type A	70.00 FEET	79.00	5,530.00	\$0.00	0.00	0.00	0.00	0.00
62	12" Conduit, Type B	893.00 FEET	72.00	64,296.00	\$63,028.80	0.00	63,028.80	875.40	0.00
63	12" Conduit, Type C	340.00 FEET	72.00	24,480.00	\$4,824.00	0.00	4,824.00	67.00	0.00
64	12" Conduit, Type D	1,056.00 FEET	72.00	76,032.00	\$67,536.00	0.00	67,536.00	938.00	0.00
65	15" Conduit, Type A	835.00 FEET	83.00	69,305.00	\$71,338.50	0.00	71,338.50	859.50	0.00
66	15" Conduit, Type D	40.00 FEET	76.00	3,040.00	\$3,040.00	0.00	3,040.00	40.00	0.00
67	18" Conduit, Type A	287.00 FEET	79.00	21,093.00	\$25,991.00	0.00	25,991.00	329.00	0.00
68	18" Conduit, Type C	64.00 FEET	72.00	4,608.00	\$4,608.00	0.00	4,608.00	64.00	0.00
69	18" Conduit, Type D	222.00 FEET	72.00	15,984.00	\$15,984.00	0.00	15,984.00	222.00	0.00
70	24" Conduit, Type A	187.00 FEET	86.00	16,082.00	\$12,126.00	0.00	12,126.00	141.00	0.00


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71	24" Conduil, Type B	55.00 FEET	80.00	4,400.00	\$4,400.00	0.00	4,400.00	55.00
72	Cuyahoga County Catch Basin CB-3C	18.00 EACH	2,500.00	45,000.00	\$45,000.00	0.00	45,000.00	18.00
73	Catch Basin, No. 6	2.00 EACH	2,500.00	5,000.00	\$5,000.00	0.00	5,000.00	2.00
74	Catch Basin, No. 2-2A	1.00 EACH	2,500.00	2,500.00	\$2,500.00	0.00	2,500.00	1.00
75	Catch Basin, No. 2-2B	9.00 EACH	2,600.00	23,400.00	\$20,800.00	0.00	20,800.00	8.00
76	Catch Basin, No. 2-3	4.00 EACH	2,700.00	10,800.00	\$10,800.00	0.00	10,800.00	4.00
77	Manhole No. 3	9.00 EACH	3,100.00	27,900.00	\$27,900.00	0.00	27,900.00	9.00
78	Manhole Adjusted to Grade	2.00 EACH	675.00	1,350.00	\$0.00	0.00	0.00	0.00
79	Manhole Reconstructed to Grade	2.00 EACH	1,000.00	2,000.00	\$0.00	0.00	0.00	0.00
80	Miscellaneous Metal	1,000.00 LBS	2.00	2,000.00	\$366.00	0.00	366.00	183.00
81	Pavement Repair, As Per Plan	250.00 SY	70.00	17,500.00	\$14,721.00	0.00	14,721.00	210.30
82	3" Asphalt Concrete Base, PG64-22, As Per Plan	3,719.00 CY	105.00	390,495.00	\$48,163.50	0.00	48,163.50	458.70
83	3" Asphalt Concrete Base, PG64-22, As Per Plan (Drives)	231.00 CY	203.00	46,893.00	\$0.00	0.00	0.00	0.00
84	Aggregate Base (Drives), As Per Plan	303.00 CY	60.00	18,180.00	\$0.00	0.00	0.00	0.00
85	6" Aggregate Base, As Per Plan	566.00 CY	60.00	33,960.00	\$282.00	0.00	282.00	4.70
86	Concrete Base Misc.: 6" Concrete Base, Class QC MS	29.00 SY	72.00	2,088.00	\$0.00	0.00	0.00	0.00
87	Tack Coat	6,054.00 GAL	2.00	12,108.00	\$0.00	0.00	0.00	0.00
88	1" Fine Graded Polymer Asphalt Concrete, Surface Course, Type B, PG76-22M	1,414.00 CY	173.00	244,622.00	\$0.00	0.00	0.00	0.00
89	2" Asphalt Concrete Intermediate Course, Type 2, (448), PG64-22	2,664.00 CY	115.00	306,360.00	\$0.00	0.00	0.00	0.00
90	1.25" Asphalt Concrete Surface Course, Type 1, (448), PG64-22	63.00 CY	250.00	15,750.00	\$0.00	0.00	0.00	0.00
91	Asphalt Concrete Intermediate Course, Type 1, (448) (As Directed By The Engineer, 0" Min.), PG64-22	18.00 CY	200.00	3,600.00	\$0.00	0.00	0.00	0.00
92	1.75" Asphalt Concrete Intermediate Course, Type 2, (448), PG64-22	82.00 CY	200.00	16,400.00	\$0.00	0.00	0.00	0.00
93	2" Asphalt Concrete Surface Course, Type 1, (448), PG64-22 (Drives)	166.00 CY	250.00	41,500.00	\$0.00	0.00	0.00	0.00
94	6" Non-Reinforced Concrete Pavement, Class QC MS	90.00 SY	65.00	5,850.00	\$0.00	0.00	0.00	0.00
95	Curb, Type 6, As Per Plan	4,114.00 FEET	14.00	57,596.00	\$35,288.40	0.00	35,288.40	2,520.60
96	Curb, Type 6, 8 Inch Reveal, As Per Plan	334.00 FEET	14.50	4,843.00	\$0.00	0.00	0.00	0.00
97	Curb, Type 2A (Drives)	40.00 FEET	17.00	680.00	\$0.00	0.00	0.00	0.00
98	Compacted Aggregate, As Per Plan	715.00 CY	50.00	35,750.00	\$0.00	0.00	0.00	0.00
99	Longitudinal Joint Adhesive	3,374.00 LBS	2.00	6,748.00	\$0.00	0.00	0.00	0.00
100	Salvaged Brick Pavers	29.00 SY	51.00	1,479.00	\$0.00	0.00	0.00	0.00
101	12" Water Main Ductile Iron Pipe, With Push-On Joints And Retained Mechanical Fittings, Anstl Class 52	1,294.00 FEET	155.00	200,570.00	\$38,827.50	0.00	38,827.50	250.50
102	Fire Hydrant Removed	6.00 EACH	800.00	4,800.00	\$2,400.00	0.00	2,400.00	3.00
103	Valve Box Adjusted to Grade	75.00 EACH	75.00	5,625.00	\$0.00	0.00	0.00	0.00

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104	Water Work, Misc.: Water Manhole Adjusted to Grade (Cleveland)	2.00 EACH	675.00	1,350.00	\$0.00	0.00	0.00	0.00	0.00
105	12" Cutting-In Sleeve, Valve and Valve Box, Complete	3.00 EACH	1,600.00	4,800.00	\$4,800.00	0.00	4,800.00	3.00	0.00
106	Furnishing And Setting 8" Hydrant Complete, With Permanent Adapter	6.00 EACH	8,100.00	48,600.00	\$24,300.00	0.00	24,300.00	3.00	0.00
107	Fire Hydrant Adjusted to Grade	7.00 EACH	1,000.00	7,000.00	\$7,000.00	0.00	7,000.00	7.00	0.00
108	Extend/Shorten And Adjust Hydrant to Grade, Straight Type	13.00 EACH	3,200.00	41,600.00	\$25,600.00	0.00	25,600.00	8.00	0.00
109	Water Work, Misc.: City of Cleveland Water Department Charges	1.00 LUMP	9,284.00	9,284.00	\$9,284.00	0.00	9,284.00	1.00	0.00
110	Misc.: As-Built Water Main Drawings	1.00 LUMP	2,500.00	2,500.00	\$0.00	0.00	0.00	0.00	0.00
111	Relap and Reconnect Water Service Connection, Short Side, Complete	5.00 EACH	875.00	4,375.00	\$0.00	0.00	0.00	0.00	0.00
112	Removal of Delineator	14.00 EACH	25.00	350.00	\$0.00	0.00	0.00	0.00	0.00
113	Ground Mounted Support, No. 2 Post	445.00 FEET	9.00	4,005.00	\$0.00	0.00	0.00	0.00	0.00
114	Ground Mounted Support, No. 3 Post	84.80 FEET	10.00	848.00	\$0.00	0.00	0.00	0.00	0.00
115	Street Name Sign Support, No. 3 Post	85.30 FEET	11.00	1,048.30	\$0.00	0.00	0.00	0.00	0.00
116	Sign Post Reflector	16.00 EACH	25.00	400.00	\$0.00	0.00	0.00	0.00	0.00
117	Sign, Flat Sheet	388.40 SF	15.00	5,526.00	\$0.00	0.00	0.00	0.00	0.00
118	Removal of Ground Mounted Sign and Disposal	63.00 EACH	11.00	693.00	\$0.00	0.00	0.00	0.00	0.00
119	Removal of Ground Mounted Post Support and Disposal	49.00 EACH	8.00	294.00	\$0.00	0.00	0.00	0.00	0.00
120	Removal of Pole Mounted Post Sign and Disposal	2.00 EACH	11.00	22.00	\$0.00	0.00	0.00	0.00	0.00
121	Edge Line, 4"	6.80 MILE	2,800.00	19,040.00	\$0.00	0.00	0.00	0.00	0.00
122	Center Line	3.74 MILE	5,000.00	18,700.00	\$0.00	0.00	0.00	0.00	0.00
123	Stop Line	311.00 FEET	7.00	2,177.00	\$0.00	0.00	0.00	0.00	0.00
124	Unclassified Excavation	357.00 CY	18.00	6,426.00	\$151.20	0.00	151.20	8.40	0.00
125	Porcus Backfill With Geotextile Fabric	200.00 CY	60.00	12,000.00	\$0.00	0.00	0.00	0.00	0.00
126	Retaining Wall, Misc.: Stone Essence Post Construction Wall Staining	1,811.00 SF	3.00	5,433.00	\$0.00	0.00	0.00	0.00	0.00
127	Retaining Wall, Misc.: Modular Block Wall	1,811.00 SF	74.00	134,014.00	\$0.00	0.00	0.00	0.00	0.00
128	Granular Embankment, Type F	34.00 CY	60.00	2,040.00	\$0.00	0.00	0.00	0.00	0.00
129	Traffic Compacted Surface, Type A or B	700.00 CY	25.00	17,500.00	\$3,137.50	0.00	3,137.50	125.50	0.00
130	Water	105.00 MGAL	35.00	3,675.00	\$525.00	0.00	525.00	15.00	0.00
131	Maintaining Traffic	1.00 LUMP	39,619.00	39,619.00	\$39,619.00	0.00	39,619.00	1.00	0.00
132	Field Office, Type A	6.00 MONTH	875.00	5,250.00	\$3,500.00	0.00	3,500.00	4.00	0.00
133	Construction Layout Stakes and Surveying	1.00 LUMP	104,928.00	104,928.00	\$78,696.00	0.00	78,696.00	0.75	0.00
134	Mobilization	1.00 LUMP	76,226.00	76,226.00	\$76,226.00	0.00	76,226.00	1.00	0.00
135	Change Order #2	1.00 LUMP	76,512.58	76,512.58	\$76,512.58	0.00	76,512.58	1.00	0.00
136	Change Order #4	1.00 LUMP	91,234.65	91,234.65	0.00	1.00	91,234.65	1.00	0.00
<b>TOTALS</b>				<b>4,096,310.93</b>	<b>\$1,432,488.58</b>		<b>91,234.65</b>	<b>1,523,723.23</b>	


  
 PMS # 14 of 6

**APPROVED CHANGE ORDERS**

2 Change Order No. 2 1.00 LS 83,444.08 Item #135  
 4 Change Order No. 4 1.00 LS 91,234.65

**PENDING CHANGE ORDERS**

29 Misc and Preparation Water Line work (Prior to Removal from contract) 1.00 LS 76,040.30  
 (11/18/19) Work Reperformed for Culvert Installation Due to Road Widening Change-STA 37 1387+00 2,079.11  
 41 (12/17/19) Extended SWPPP Inspections 1.00 LS 6,256.00  
 Redesign of Roadway from STA 1375+00 to 52REV2 80+00 1.00 LS \$27,047.29  
 53-REV2 Non-Performed Retaining Walls 1.00 LS \$107,550.39  
 54 Revised Start Date May 1, 2020 1.00 LS \$83,383.00  
 2020 Additional Labor and Fuel Costs (Per Letter Dated 12/16/2019) 1.00 LS \$18,141.92  
 101 Subcontractor Cost Increases (Per Letter Dated 12/16/2019) 1.00 LS \$83,151.79  
 102 Remobilization (Per Letter Dated 12/16/2019) 1.00 LS \$27,320.65  
 Extended SWPPP Maintenance - ESTIMATE 104 (Per Letter Dated 12/16/2019) 1.00 LS \$43,417.43  
 Additional Survey Work (Per Letter Dated 12/16/2019) 105 12/16/2019 1.00 LS \$9,740.49  
 Topsoil Redistribution in Wet Weather (Per Letter Dated 12/16/2019) 108 12/16/2019 1.00 LS \$52,866.42  
 Extended Maintenance of Traffic - March 16th thru Sept. 1, 2020 (Per Letter Dated 12/16/2019) 108REV1 1.00 LS \$55,608.82

LINE ITEM TTL	\$1,523,723.23
CHANGES	\$0.00
CREDITS	\$0.00
TTL COMPLETE	\$1,523,723.23
Retainer - 8%	\$121,897.86
Less Inspection	\$0.00
Less Previous Payments	\$1,317,889.49
<b>TOTAL DUE</b>	<b>\$83,935.88</b>

*OK to pay \$51,109.23 (once)  
 Rusling Valley  
 Russell Township  
 \$29,826  
 \$83,935.88*

*4/1/2020*


*OK'd A. Wolf  
 4.6.2020*

*#586*

Wintertization of Project (Per Letter Dated 12/16/2019)			
109	12/16/2019)	1.00 LS	\$0.00
110	Spring Clean-Up (Per Letter Dated 12/16/2019)	1.00 LS	\$0.00
111	Crew Mobilizations On-Site Due to Out-of-Sequence Work (Per Letter Dated 12/16/2019)	1.00 LS	\$52,733.09
114	Added Material Costs for 2020 (Per Letter Dated 12/16/2019)	1.00 LS	\$5,382.74
115	Idle Equipment (on standby)	1.00 LS	\$94,867.40
115a	Idle Equipment (on standby)	1.00 LS	\$10,518.60
115b	Idle Equipment (on standby)	1.00 LS	\$10,518.60
115c	Idle Equipment (on standby)	1.00 LS	\$10,518.60
115d	Idle Equipment (on standby)	1.00 LS	\$10,518.60

Total: 650,719.44

Submitted By:   
 Richard Gajnski, TRAX Construction Company  
 Date: 3/31/2020

Approved By: SEE Pg 5 of 6   
 Nick Gorts, Geaugua County Engineer  
 Date: \_\_\_\_\_

