

OFFICE OF THE FULTON COUNTY ENGINEER

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BIDDERS TABULATION												ENGINEER'S	Average Bid	Vernon Nagel, Inc.	Miller Bros. Const., Inc.	Sand Ridge Excavating, Inc.
PROJECT: REPAIR OF EMBANKMENT FAILURE OF TR-22 BRIDGE OVER THE OHIO TURNPIKE												\$458,607.40	Unit Price 12.3%	\$411,209.33 -10.3%	\$529,780.80 15.5%	\$604,691.45 31.9%
BID DATE: March 30, 2017																
REF. NO.	ITEM NO.	QUANTITY	UNITS	DESCRIPTION	UNIT PRICE	ESTIMATED COST		UNIT PRICE	ESTIMATED COST	UNIT PRICE	ESTIMATED COST	UNIT PRICE	ESTIMATED COST			
EARTHWORK																
1	201	1	LUMP	Clearing and Grubbing.....	\$ 5,000.00	\$ 5,000.00	\$ 3,500.00	\$ 2,500.00	\$ 2,500.00	\$ 7,000.00	\$ 7,000.00	\$ 1,000.00	\$ 1,000.00			
2	202	2	EA.	Headwall Removed.....	\$ 219.00	\$ 438.00	\$ 366.67	\$ 250.00	\$ 500.00	\$ 350.00	\$ 700.00	\$ 500.00	\$ 1,000.00			
3	202	187	S.Y.	Pavement Removed.....	\$ 18.00	\$ 3,366.00	\$ 15.00	\$ 20.00	\$ 3,740.00	\$ 20.00	\$ 3,740.00	\$ 5.00	\$ 935.00			
4	202	107	FT.	Pipe Removed 24-Inch and Under.....	\$ 12.00	\$ 1,284.00	\$ 10.33	\$ 8.00	\$ 856.00	\$ 15.00	\$ 1,605.00	\$ 8.00	\$ 856.00			
5	202	1,810	FT.	Guardrail Removed.....	\$ 2.00	\$ 3,620.00	\$ 2.07	\$ 3.00	\$ 5,430.00	\$ 1.60	\$ 2,896.00	\$ 1.60	\$ 2,896.00			
6	202	4	EA.	Anchor Assembly Removed.....	\$ 200.00	\$ 800.00	\$ 250.00	\$ 300.00	\$ 1,200.00	\$ 200.00	\$ 800.00	\$ 250.00	\$ 1,000.00			
7	202	4	EA.	Bridge Terminal Assembly Removed for Reuse.....	\$ 100.00	\$ 400.00	\$ 126.67	\$ 200.00	\$ 800.00	\$ 80.00	\$ 320.00	\$ 100.00	\$ 400.00			
8	202	148	FT.	Fence Removed.....	\$ 3.00	\$ 444.00	\$ 2.17	\$ 3.00	\$ 444.00	\$ 1.75	\$ 259.00	\$ 1.75	\$ 259.00			
9	203	14,430	C.Y.	Excavation.....	\$ 5.00	\$ 72,150.00	\$ 6.00	\$ 3.00	\$ 43,290.00	\$ 9.00	\$ 129,870.00	\$ 6.00	\$ 86,580.00			
10	203	15,241	C.Y.	Embankment.....	\$ 7.00	\$ 106,687.00	\$ 10.83	\$ 6.50	\$ 99,066.50	\$ 9.00	\$ 137,169.00	\$ 17.00	\$ 259,097.00			
11	203	591	C.Y.	Granular Embankment, As Per Plan.....	\$ 50.00	\$ 29,550.00	\$ 48.80	\$ 55.00	\$ 32,505.00	\$ 50.00	\$ 29,550.00	\$ 41.40	\$ 24,467.40			
12	204	901	S.Y.	Subgrade Compaction.....	\$ 2.00	\$ 1,802.00	\$ 1.08	\$ 0.25	\$ 225.25	\$ 1.00	\$ 901.00	\$ 2.00	\$ 1,802.00			
13	606	1,550	FT.	Guardrail, Type MGS with Long Posts, As Per Plan.....	\$ 17.00	\$ 26,350.00	\$ 20.22	\$ 18.60	\$ 28,830.00	\$ 18.56	\$ 28,768.00	\$ 23.50	\$ 36,425.00			
14	606	4	EA.	Anchor Assembly, MGS Type E.....	\$ 2,000.00	\$ 8,000.00	\$ 2,031.25	\$ 1,875.00	\$ 7,500.00	\$ 1,875.00	\$ 7,500.00	\$ 2,343.75	\$ 9,375.00			
15	606	4	EA.	MGS Bridge Terminal Assembly Rebuilt, Type 1.....	\$ 1,000.00	\$ 4,000.00	\$ 1,430.00	\$ 1,320.00	\$ 5,280.00	\$ 1,320.00	\$ 5,280.00	\$ 1,650.00	\$ 6,600.00			
16	607	148	FT.	Fence, Type 47, As Per Plan.....	\$ 25.00	\$ 3,700.00	\$ 16.70	\$ 16.61	\$ 2,458.28	\$ 14.50	\$ 2,146.00	\$ 19.00	\$ 2,812.00			
17	626	54	EA.	Barrier Reflector.....	\$ 6.00	\$ 324.00	\$ 7.07	\$ 6.50	\$ 351.00	\$ 6.50	\$ 351.00	\$ 8.20	\$ 442.80			
18	SPECIAL	2,907	S.Y.	Geotextile Fabric, 712.09, Type A.....	\$ 2.00	\$ 5,814.00	\$ 2.00	\$ 3.00	\$ 8,721.00	\$ 1.50	\$ 4,360.50	\$ 1.50	\$ 4,360.50			
EARTHWORK SUBTOTAL						\$ 273,729.00			\$ 243,697.03		\$ 363,215.50		\$ 440,307.70			
EROSION CONTROL																
19	601	136	S.Y.	Tied Concrete Block Mat, Type 2.....	\$ 72.00	\$ 9,792.00	\$ 53.33	\$ 50.00	\$ 6,800.00	\$ 50.00	\$ 6,800.00	\$ 60.00	\$ 8,160.00			
20	659	1	EA.	Soil Analysis Test.....	\$ 50.00	\$ 50.00	\$ 3,373.33	\$ 60.00	\$ 60.00	\$ 60.00	\$ 60.00	\$ 10,000.00	\$ 10,000.00			
21	659	68	C.Y.	Topsoil.....	\$ 30.00	\$ 2,040.00	\$ 24.00	\$ 40.00	\$ 2,720.00	\$ 22.00	\$ 1,496.00	\$ 10.00	\$ 680.00			
22	659	10,213	S.Y.	Seeding and Mulching.....	\$ 1.00	\$ 10,213.00	\$ 0.87	\$ 0.75	\$ 7,659.75	\$ 0.75	\$ 7,659.75	\$ 1.10	\$ 11,234.30			
23	659	511	S.Y.	Repair Seeding and Mulching.....	\$ 0.50	\$ 255.50	\$ 0.63	\$ 0.75	\$ 383.25	\$ 0.75	\$ 383.25	\$ 0.40	\$ 204.40			
24	659	511	S.Y.	Inter-Seeding.....	\$ 0.20	\$ 102.20	\$ 0.30	\$ 0.40	\$ 204.40	\$ 0.40	\$ 204.40	\$ 0.10	\$ 51.10			
25	659	1.48	TON	Commerical Fertilizer.....	\$ 500.00	\$ 740.00	\$ 538.33	\$ 600.00	\$ 888.00	\$ 600.00	\$ 888.00	\$ 415.00	\$ 614.20			

26	659	2.11	ACRE	Lime.....	\$ 20.00	\$ 42.20	\$ 53.33	\$ 30.00	\$ 63.30	\$ 30.00	\$ 63.30	\$ 100.00	\$ 211.00
27	659	57	MGAL	Water.....	\$ 2.00	\$ 114.00	\$ 0.40	\$ 0.10	\$ 5.70	\$ 0.10	\$ 5.70	\$ 1.00	\$ 57.00
28	670	410	S.Y.	Ditch Erosion Protection.....	\$ 2.50	\$ 1,025.00	\$ 2.10	\$ 2.00	\$ 820.00	\$ 2.00	\$ 820.00	\$ 2.30	\$ 943.00
29	832	1	LUMP	Storm Water Pollution Prevention Plan.....	\$ 2,000.00	\$ 2,000.00	\$ 3,552.08	\$ 2,500.00	\$ 2,500.00	\$ 5,000.00	\$ 5,000.00	\$ 3,156.25	\$ 3,156.25
30	832	20,000	EA.	Erosion Control.....	\$ 1.00	\$ 20,000.00	\$ 1.00	\$ 1.00	\$ 20,000.00	\$ 1.00	\$ 20,000.00	\$ 1.00	\$ 20,000.00
EROSION CONTROL SUBTOTAL					\$ 46,373.90			\$ 42,104.40		\$ 43,380.40		\$ 55,311.25	
DRAINAGE													
31	602	1	C.Y.	Concrete Masonry.....	\$ 1,800.00	\$ 1,800.00	\$ 650.00	\$ 650.00	\$ 650.00	\$ 900.00	\$ 900.00	\$ 400.00	\$ 400.00
32	603	1,150	FT.	6" Conduit, Type E, 707.31 (Perforated).....	\$ 13.00	\$ 14,950.00	\$ 9.83	\$ 20.00	\$ 23,000.00	\$ 2.50	\$ 2,875.00	\$ 7.00	\$ 8,050.00
33	603	56	FT.	6" Conduit, Type F, 707.33.....	\$ 16.00	\$ 896.00	\$ 20.67	\$ 34.00	\$ 1,904.00	\$ 22.00	\$ 1,232.00	\$ 6.00	\$ 336.00
34	603	20	FT.	8" Conduit, Type E.....	\$ 15.00	\$ 300.00	\$ 15.33	\$ 28.00	\$ 560.00	\$ 9.00	\$ 180.00	\$ 9.00	\$ 180.00
35	603	20	FT.	8" Conduit, Type F.....	\$ 20.00	\$ 400.00	\$ 15.00	\$ 28.00	\$ 560.00	\$ 9.00	\$ 180.00	\$ 8.00	\$ 160.00
36	603	46	FT.	12" Conduit, Type D, 706.02.....	\$ 60.00	\$ 2,760.00	\$ 34.33	\$ 38.00	\$ 1,748.00	\$ 45.00	\$ 2,070.00	\$ 20.00	\$ 920.00
37	603	104	FT.	12" Conduit, Type F, 707.05 Type C or 707.21.....	\$ 45.00	\$ 4,680.00	\$ 45.33	\$ 55.00	\$ 5,720.00	\$ 65.00	\$ 6,760.00	\$ 16.00	\$ 1,664.00
38	604	4	EA.	Catch Basin Adjusted to Grade.....	\$ 700.00	\$ 2,800.00	\$ 391.67	\$ 400.00	\$ 1,600.00	\$ 275.00	\$ 1,100.00	\$ 500.00	\$ 2,000.00
39	604	4	EA.	Precast Reinforced Concrete Outlet.....	\$ 250.00	\$ 1,000.00	\$ 196.67	\$ 225.00	\$ 900.00	\$ 185.00	\$ 740.00	\$ 180.00	\$ 720.00
DRAINAGE SUBTOTAL					\$ 29,586.00			\$ 36,642.00		\$ 16,037.00		\$ 14,430.00	
PAVEMENT													
40	302	82	C.Y.	Asphalt Concrete Base, PG64-22.....	\$ 200.00	\$ 16,400.00	\$ 151.67	\$ 140.00	\$ 11,480.00	\$ 140.00	\$ 11,480.00	\$ 175.00	\$ 14,350.00
41	304	134	C.Y.	Aggregate Base.....	\$ 65.00	\$ 8,710.00	\$ 60.00	\$ 60.00	\$ 8,040.00	\$ 65.00	\$ 8,710.00	\$ 55.00	\$ 7,370.00
42	407	41	GAL.	Tack Coat.....	\$ 2.50	\$ 102.50	\$ 2.10	\$ 1.90	\$ 77.90	\$ 1.90	\$ 77.90	\$ 2.50	\$ 102.50
43	441	41	C.Y.	Asphalt Concrete Surface Course, Type 1, (448), PG64-22.....	\$ 250.00	\$ 10,250.00	\$ 216.67	\$ 200.00	\$ 8,200.00	\$ 200.00	\$ 8,200.00	\$ 250.00	\$ 10,250.00
44	609	1,612	FT.	Curb, Type 6.....	\$ 13.00	\$ 20,956.00	\$ 13.00	\$ 14.00	\$ 22,568.00	\$ 15.00	\$ 24,180.00	\$ 10.00	\$ 16,120.00
45	609	4	EA.	Curb, Misc.: Concrete Spillway.....	\$ 500.00	\$ 2,000.00	\$ 683.33	\$ 1,400.00	\$ 5,600.00	\$ 250.00	\$ 1,000.00	\$ 400.00	\$ 1,600.00
PAVEMENT SUBTOTAL					\$ 58,418.50			\$ 55,965.90		\$ 53,647.90		\$ 49,792.50	
MAINTENANCE OF TRAFFIC													
46	614	1	LUMP	Detour Signing.....	\$ 5,000.00	\$ 5,000.00	\$ 2,833.33	\$ 1,000.00	\$ 1,000.00	\$ 3,500.00	\$ 3,500.00	\$ 4,000.00	\$ 4,000.00
47	616	100	MGAL	Water.....	\$ 25.00	\$ 2,500.00	\$ 9.00	\$ 1.00	\$ 100.00	\$ 25.00	\$ 2,500.00	\$ 1.00	\$ 100.00
MAINTENANCE OF TRAFFIC SUBTOTAL					\$ 7,500.00			\$ 1,100.00		\$ 6,000.00		\$ 4,100.00	
INCIDENTALS													
48	103	1	LUMP	Premium for Contract Performance and Maintenance Bond.....	\$10,000.00	\$ 10,000.00	\$ 6,166.67	\$ 6,500.00	\$ 6,500.00	\$ 3,000.00	\$ 3,000.00	\$ 9,000.00	\$ 9,000.00
49	614	1	LUMP	Maintaining Traffic.....	\$ 2,000.00	\$ 2,000.00	\$ 6,583.33	\$ 2,000.00	\$ 2,000.00	\$ 10,500.00	\$ 10,500.00	\$ 7,250.00	\$ 7,250.00
50	619	4	MNTH	Field Office, Type A.....	\$ 1,500.00	\$ 6,000.00	\$ 1,766.67	\$ 800.00	\$ 3,200.00	\$ 1,500.00	\$ 6,000.00	\$ 3,000.00	\$ 12,000.00
51	623	1	LUMP	Construction Layout Stakes.....	\$ 5,000.00	\$ 5,000.00	\$ 7,500.00	\$ 10,000.00	\$ 10,000.00	\$ 8,000.00	\$ 8,000.00	\$ 4,500.00	\$ 4,500.00
52	624	1	LUMP	Mobilization.....	\$20,000.00	\$ 20,000.00	\$ 12,666.67	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00	\$ 8,000.00	\$ 8,000.00
INCIDENTAL SUBTOTAL					\$ 43,000.00			\$ 31,700.00		\$ 47,500.00		\$ 40,750.00	
TOTAL BID.....					\$ 458,607.40			\$ 411,209.33		\$ 529,780.80		\$ 604,691.45	
								Vernon Nagel, Inc.		Miller Bros. Const., Inc.		Sand Ridge Excavating, Inc.	
								-10.3%		15.5%		31.9%	
% Difference From Engineer's Estimate:													