

OFFICE OF THE FULTON COUNTY ENGINEER

Frank T. Onweller, P.E., P.S.,
County Engineer

Rod Creager, P.E., P.S.,
Chief Deputy Engineer

9120 Co. Rd. 14
Wauseon, OH 43567-9669
Telephone: 419-335-3816 Fax: 419-335-1091

BIDDERS TABULATION					ENGINEER'S	Average Bid	Miller Bros. Const., Inc.	Geddis Paving & Excavating, Inc.	R.G. Zachrich Construction, Inc.	Vernon Nagel, Inc.			
PROJECT: BRIDGE 25D.2 REPLACEMENT					\$385,000.00	Unit Price	\$305,255.50	\$306,488.00	\$316,001.14	\$363,199.75			
BID DATE: March 28, 2017						-16.2%	-20.7%	-20.4%	-17.9%	-5.7%			
REF. NO.	ITEM NO.	QUANTITY	UNITS	DESCRIPTION	UNIT PRICE	ESTIMATED COST	UNIT PRICE	ESTIMATED COST	UNIT PRICE	ESTIMATED COST	UNIT PRICE	ESTIMATED COST	
ROADWAY													
1	201	1	LUMP	CLEARING AND GRUBBING	\$ 5,000.00	\$ 5,000.00	\$ 1,875.00	\$ 4,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,500.00	\$ 1,500.00	
2	202	80	SQ YD	PAVEMENT REMOVAL FOR BUTT JOINTS	\$ 15.00	\$ 1,200.00	\$ 13.56	\$ 15.00	\$ 3.50	\$ 280.00	\$ 8.74	\$ 699.20	
3	202	60	FT	PIPE REMOVED UNDER 24"	\$ 15.00	\$ 900.00	\$ 14.29	\$ 8.00	\$ 480.00	\$ 20.00	\$ 1,200.00	\$ 14.15	\$ 849.00
4	203	245	CU YD	EXCAVATION	\$ 20.00	\$ 4,900.00	\$ 17.10	\$ 20.00	\$ 6,125.00	\$ 25.00	\$ 6,125.00	\$ 11.41	\$ 2,795.45
5	203	153	CU YD	EMBANKMENT	\$ 25.00	\$ 3,825.00	\$ 16.49	\$ 20.00	\$ 3,060.00	\$ 25.00	\$ 3,825.00	\$ 8.97	\$ 1,372.41
6	204	845	SQ YD	SUBGRADE COMPACTION	\$ 2.00	\$ 1,690.00	\$ 1.03	\$ 1.00	\$ 845.00	\$ 0.55	\$ 464.75	\$ 1.56	\$ 1,318.20
7	606	175	FT	GUARDRAIL, TYPE MGS	\$ 25.00	\$ 4,375.00	\$ 19.20	\$ 19.20	\$ 3,360.00	\$ 19.20	\$ 3,360.00	\$ 19.20	\$ 3,360.00
8	606	4	EACH	ANCHOR ASSEMBLY, MGS TYPE A	\$ 1,100.00	\$ 4,400.00	\$ 985.00	\$ 985.00	\$ 3,940.00	\$ 985.00	\$ 3,940.00	\$ 985.00	\$ 3,940.00
9	606	4	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE TST	\$ 2,250.00	\$ 9,000.00	\$ 1,835.00	\$ 1,835.00	\$ 7,340.00	\$ 1,835.00	\$ 7,340.00	\$ 1,835.00	\$ 7,340.00
ROADWAY SUBTOTAL					\$ 35,290.00			\$ 29,125.00	\$ 27,534.75	\$ 23,174.26	\$ 24,321.00		
EROSION CONTROL													
10	601	215	TON	ROCK CHANNEL PROTECTION, TYPE C WITHOUT FILTER	\$ 70.00	\$ 15,050.00	\$ 50.75	\$ 45.00	\$ 9,675.00	\$ 48.00	\$ 10,320.00	\$ 60.00	\$ 12,900.00
EROSION CONTROL SUBTOTAL					\$ 15,050.00			\$ 9,675.00	\$ 10,320.00	\$ 12,900.00	\$ 10,750.00		
DRAINAGE													
11	603	25	FT	6" CONDUIT, TYPE C	\$ 30.00	\$ 750.00	\$ 13.75	\$ 15.00	\$ 375.00	\$ 18.00	\$ 450.00	\$ 10.00	\$ 250.00
12	603	25	FT	8" CONDUIT, TYPE C	\$ 30.00	\$ 750.00	\$ 16.13	\$ 15.00	\$ 375.00	\$ 22.50	\$ 562.50	\$ 12.00	\$ 300.00
DRAINAGE SUBTOTAL					\$ 1,500.00			\$ 750.00	\$ 1,012.50	\$ 550.00	\$ 675.00		
PAVEMENT													
13	304	321	TON	AGGREGATE BASE (8" THICK)	\$ 35.00	\$ 11,235.00	\$ 33.05	\$ 30.00	\$ 9,630.00	\$ 25.50	\$ 8,185.50	\$ 48.70	\$ 15,632.70
14	407	103	GALLON	TACK COAT	\$ 3.00	\$ 309.00	\$ 1.85	\$ 1.80	\$ 185.40	\$ 2.00	\$ 206.00	\$ 1.80	\$ 185.40
15	408	283	GALLON	PRIME COAT	\$ 3.00	\$ 849.00	\$ 3.75	\$ 3.00	\$ 849.00	\$ 6.00	\$ 1,698.00	\$ 3.00	\$ 849.00
16	448	48	CU YD	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG64-22	\$ 400.00	\$ 19,200.00	\$ 175.50	\$ 160.00	\$ 7,680.00	\$ 222.00	\$ 10,656.00	\$ 160.00	\$ 7,680.00
17	448	43	CU YD	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-23	\$ 400.00	\$ 17,200.00	\$ 198.75	\$ 185.00	\$ 7,955.00	\$ 240.00	\$ 10,320.00	\$ 185.00	\$ 7,955.00
18	617	26	TON	RECONDITIONING OF SHOULDERS	\$ 50.00	\$ 1,300.00	\$ 51.00	\$ 60.00	\$ 1,560.00	\$ 29.00	\$ 754.00	\$ 80.00	\$ 2,080.00
PAVEMENT SUBTOTAL					\$ 50,093.00			\$ 27,859.40	\$ 31,819.50	\$ 34,382.10	\$ 26,567.40		
TRAFFIC CONTROL													
19	626	16	EACH	BARRIER REFLECTOR, TYPE A	\$ 10.00	\$ 160.00	\$ 6.25	\$ 6.25	\$ 100.00	\$ 6.25	\$ 100.00	\$ 6.25	\$ 100.00
20	642	0.08	MILE	CENTER LINE, TYPE 1	\$30,000.00	\$ 2,400.00	\$ 16,370.00	\$16,370.00	\$ 1,309.60	\$16,370.00	\$ 1,309.60	\$16,370.00	\$ 1,309.60
TRAFFIC CONTROL SUBTOTAL					\$ 2,560.00			\$ 1,409.60	\$ 1,409.60	\$ 1,409.60	\$ 1,409.60		
BRIDGE 25D.2													
21	202	1	LUMP	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	\$18,000.00	\$ 18,000.00	\$ 25,237.50	\$20,600.00	\$ 20,600.00	\$ 7,350.00	\$ 7,350.00	\$23,000.00	\$ 23,000.00
22	202	47	SQ YD	WEARING COURSE REMOVED	\$ 15.00	\$ 705.00	\$ 16.00	\$ 9.00	\$ 423.00	\$ 6.00	\$ 282.00	\$ 27.00	\$ 1,269.00
23	503	133	CU YD	UNCLASSIFIED EXCAVATION	\$ 75.00	\$ 9,975.00	\$ 80.88	\$ 60.00	\$ 7,980.00	\$ 72.50	\$ 9,642.50	\$ 126.00	\$ 16,758.00
24	505	1	LUMP	PILE DRIVING EQUIPMENT MOBILIZATION	\$15,000.00	\$ 15,000.00	\$ 12,310.25	\$ 6,000.00	\$ 6,000.00	\$12,460.00	\$ 12,460.00	\$15,781.00	\$ 15,781.00

25	507	560	FT	STEEL PILES HP10X42, FURNISHED	\$ 25.00	\$ 14,000.00	\$ 24.88	\$ 30.00	\$ 16,800.00	\$ 25.50	\$ 14,280.00	\$ 16.00	\$ 8,960.00	\$ 28.00	\$ 15,680.00
26	507	490	FT	STEEL PILES HP10X42, DRIVEN	\$ 15.00	\$ 7,350.00	\$ 2,666.25	\$ 10.00	\$ 4,900.00	\$ 10,650.00	\$ 74,550.00	\$ 2.00	\$ 980.00	\$ 3.00	\$ 1,470.00
27	509	5539	POUND	EPOXY COATED REINFORCING	\$ 2.00	\$ 11,078.00	\$ 1.23	\$ 1.50	\$ 8,308.50	\$ 1.10	\$ 6,092.90	\$ 1.06	\$ 5,871.34	\$ 1.25	\$ 6,923.75
28	511	71	CU YD	CLASS QC 1 CONCRETE, ABUTMENT INCLUDING FOOTING	\$ 600.00	\$ 42,600.00	\$ 581.88	\$ 550.00	\$ 39,050.00	\$ 550.00	\$ 39,050.00	\$ 447.50	\$ 31,772.50	\$ 780.00	\$ 55,380.00
29	512	138	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	\$ 20.00	\$ 2,760.00	\$ 22.36	\$ 20.00	\$ 2,760.00	\$ 19.00	\$ 2,622.00	\$ 20.45	\$ 2,822.10	\$ 30.00	\$ 4,140.00
30	512	147	SQ YD	TYPE 3 WATERPROOFING	\$ 30.00	\$ 4,410.00	\$ 31.31	\$ 30.00	\$ 4,410.00	\$ 25.50	\$ 3,748.50	\$ 29.72	\$ 4,368.84	\$ 40.00	\$ 5,880.00
31	515	7	EACH	PRESTRESSED CONCRETE NON-COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, B17-48	\$12,000.00	\$ 84,000.00	\$ 8,938.00	\$ 8,000.00	\$ 56,000.00	\$ 10,650.00	\$ 74,550.00	\$ 8,102.00	\$ 56,714.00	\$ 9,000.00	\$ 63,000.00
32	516	136	SQ FT	1" PREFORMED EXPANSION JOINT FILLER	\$ 6.00	\$ 816.00	\$ 4.41	\$ 5.00	\$ 680.00	\$ 2.50	\$ 340.00	\$ 7.12	\$ 968.32	\$ 3.00	\$ 408.00
33	516	66	FT	2" DEEP JOINT SEALER, AS PER PLAN	\$ 10.00	\$ 660.00	\$ 10.67	\$ 8.00	\$ 528.00	\$ 3.50	\$ 231.00	\$ 16.17	\$ 1,067.22	\$ 15.00	\$ 990.00
34	516	66	FT	SPECIAL - SAWING AND SEALING BITUMINOUS CONCRETE JOINTS	\$ 15.00	\$ 990.00	\$ 14.50	\$ 20.00	\$ 1,320.00	\$ 6.00	\$ 396.00	\$ 20.00	\$ 1,320.00	\$ 12.00	\$ 792.00
35	516	14	EACH	1/8" PREFORMED BEARING PAD	\$ 5.00	\$ 70.00	\$ 8.63	\$ 15.00	\$ 210.00	\$ 8.50	\$ 119.00	\$ 1.00	\$ 14.00	\$ 10.00	\$ 140.00
36	516	28	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (6" X 1:	\$ 125.00	\$ 3,500.00	\$ 113.25	\$ 100.00	\$ 2,800.00	\$ 140.00	\$ 3,920.00	\$ 113.00	\$ 3,164.00	\$ 100.00	\$ 2,800.00
37	517	91.56	FT	RAILING (TWIN STEEL TUBE)	\$ 140.00	\$ 12,818.40	\$ 125.00	\$ 125.00	\$ 11,445.00	\$ 125.00	\$ 11,445.00	\$ 125.00	\$ 11,445.00	\$ 125.00	\$ 11,445.00
38	518	54	CU YD	POROUS BACKFILL WITH FILTER FABRIC	\$ 80.00	\$ 4,320.00	\$ 79.38	\$ 85.00	\$ 4,590.00	\$ 78.50	\$ 4,239.00	\$ 84.00	\$ 4,536.00	\$ 70.00	\$ 3,780.00
39	518	96	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	\$ 12.00	\$ 1,152.00	\$ 6.44	\$ 7.00	\$ 672.00	\$ 2.25	\$ 216.00	\$ 8.52	\$ 817.92	\$ 8.00	\$ 768.00
40	518	32	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE	\$ 12.00	\$ 384.00	\$ 10.79	\$ 18.00	\$ 576.00	\$ 2.25	\$ 72.00	\$ 14.92	\$ 477.44	\$ 8.00	\$ 256.00
41	518	94.5	FT	SPECIAL - STEEL DRIP STRIP	\$ 15.00	\$ 1,417.50	\$ 10.63	\$ 12.00	\$ 1,134.00	\$ 7.50	\$ 708.75	\$ 13.00	\$ 1,228.50	\$ 10.00	\$ 945.00
42	523	1	EACH	DYNAMIC LOAD TESTING	\$ 4,000.00	\$ 4,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 4,500.00	\$ 4,500.00	\$ 3,500.00	\$ 3,500.00	\$ 1,000.00	\$ 1,000.00
43	526	125	SQ YD	REINFORCED CONCRETE APPROACH SLABS	\$ 225.00	\$ 28,125.00	\$ 229.00	\$ 250.00	\$ 31,250.00	\$ 200.00	\$ 25,000.00	\$ 226.00	\$ 28,250.00	\$ 240.00	\$ 30,000.00
BRIDGE 25D.2 SUBTOTAL					\$ 268,130.90			\$ 225,436.50		\$ 295,814.65		\$ 225,085.18		\$ 280,476.75	
INCIDENTALS															
44	103	1	LUMP	PREMIUM FOR CONTRACT PERFORMANCE AND MAINTENANCE BOND	\$ 3,376.10	\$ 3,376.10	\$ 5,625.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 6,000.00	\$ 6,000.00	\$ 8,500.00	\$ 8,500.00
45	614	1	LUMP	MAINTAINING TRAFFIC	\$ 5,000.00	\$ 5,000.00	\$ 4,375.00	\$ 4,000.00	\$ 4,000.00	\$ 4,500.00	\$ 4,500.00	\$ 5,000.00	\$ 5,000.00	\$ 4,000.00	\$ 4,000.00
46	623	1	LUMP	CONSTRUCTION LAYOUT AND STAKING	\$ 4,000.00	\$ 4,000.00	\$ 5,125.00	\$ 3,000.00	\$ 3,000.00	\$ 3,500.00	\$ 3,500.00	\$ 7,500.00	\$ 7,500.00	\$ 6,500.00	\$ 6,500.00
INCIDENTAL SUBTOTAL					\$ 12,376.10			\$ 11,000.00		\$ 12,000.00		\$ 18,500.00		\$ 19,000.00	
TOTAL BID.....					\$ 385,000.00			\$ 305,255.50		* \$ 306,488.00		\$ 316,001.14		\$ 363,199.75	
								Miller Bros. Const., Inc.		Geddis Paving & Excavating, Inc.		R.G. Zachrich Construction, Inc.		Vernon Nagel, Inc.	
								-20.7%		-20.4%		-17.9%		-5.7%	
								* Amount shown as the total bid, but contains errors in Ref. #26.							

% Difference From Engineer's Estimate: