

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	R. G. Zachrich Construction, Inc.	Vernon Nagel, Inc.	B. Hill'z Excavating, Inc.				
PROJECT: BRIDGE E6.5 REPLACEMENT					\$283,000.00	Unit Price	\$234,688.60	\$238,260.54	\$253,766.00				
BID DATE: March 15, 2016						-14.4%	-17.1%	-15.8%	-10.3%				
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	\$ 1,000.00	\$ 1,000.00	\$ 2,213.00	\$ 2,000.00	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00	\$ 3,139.00	\$ 3,139.00
2	202	194	SQ YD	PAVEMENT REMOVAL FOR BUTT JOINTS	\$ 15.00	\$ 2,910.00	\$ 7.92	\$ 7.75	\$ 1,503.50	\$ 8.00	\$ 1,552.00	\$ 8.00	\$ 1,552.00
3	202	20	FT	PIPE REMOVED UNDER 24"	\$ 15.00	\$ 300.00	\$ 13.13	\$ 14.39	\$ 287.80	\$ 15.00	\$ 300.00	\$ 10.00	\$ 200.00
4	203	52	CU YD	EXCAVATION	\$ 20.00	\$ 1,040.00	\$ 10.17	\$ 12.50	\$ 650.00	\$ 8.00	\$ 416.00	\$ 10.00	\$ 520.00
5	203	89	CU YD	EMBANKMENT	\$ 25.00	\$ 2,225.00	\$ 13.03	\$ 10.08	\$ 897.12	\$ 14.00	\$ 1,246.00	\$ 15.00	\$ 1,335.00
6	204	147	SQ YD	SUBGRADE COMPACTION	\$ 2.00	\$ 294.00	\$ 1.59	\$ 1.78	\$ 261.66	\$ 1.00	\$ 147.00	\$ 2.00	\$ 294.00
7	606	225	FT	GUARDRAIL, TYPE MGS	\$ 25.00	\$ 5,625.00	\$ 14.70	\$ 14.00	\$ 3,150.00	\$ 15.10	\$ 3,397.50	\$ 15.00	\$ 3,375.00
8	606	3	EACH	ANCHOR ASSEMBLY, MGS TYPE A	\$ 1,100.00	\$ 3,300.00	\$ 973.00	\$ 980.00	\$ 2,940.00	\$ 910.00	\$ 2,730.00	\$ 1,029.00	\$ 3,087.00
9	606	3	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	\$ 2,250.00	\$ 6,750.00	\$ 1,883.33	\$ 1,800.00	\$ 5,400.00	\$ 1,950.00	\$ 5,850.00	\$ 1,900.00	\$ 5,700.00
10	606	1	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, AS PER PLAN	\$ 2,250.00	\$ 2,250.00	\$ 1,976.67	\$ 1,900.00	\$ 1,900.00	\$ 2,030.00	\$ 2,030.00	\$ 2,000.00	\$ 2,000.00
ROADWAY SUBTOTAL					\$ 25,694.00			\$ 18,990.08		\$ 19,168.50		\$ 21,202.00	
DRAINAGE													
11	603	20	FT	8" CONDUIT, TYPE B	\$ 30.00	\$ 600.00	\$ 33.00	\$ 54.00	\$ 1,080.00	\$ 20.00	\$ 400.00	\$ 25.00	\$ 500.00
DRAINAGE SUBTOTAL					\$ 600.00			\$ 1,080.00		\$ 400.00		\$ 500.00	
PAVEMENT													
12	407	20	GALLON	TACK COAT	\$ 3.00	\$ 60.00	\$ 2.83	\$ 1.75	\$ 35.00	\$ 1.75	\$ 35.00	\$ 5.00	\$ 100.00
13	448	9	CU YD	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22	\$ 400.00	\$ 3,600.00	\$ 770.04	\$ 820.00	\$ 7,380.00	\$ 820.11	\$ 7,380.99	\$ 670.00	\$ 6,030.00
14	617	5	CU YD	RECONDITIONING OF SHOULDERS	\$ 100.00	\$ 500.00	\$ 56.67	\$ 50.00	\$ 250.00	\$ 80.00	\$ 400.00	\$ 40.00	\$ 200.00
PAVEMENT SUBTOTAL					\$ 4,160.00			\$ 7,665.00		\$ 7,815.99		\$ 6,330.00	
TRAFFIC CONTROL													
15	626	14	EACH	BARRIER REFLECTOR, TYPE A	\$ 10.00	\$ 140.00	\$ 8.00	\$ 7.00	\$ 98.00	\$ 9.00	\$ 126.00	\$ 8.00	\$ 112.00
16	642	0.03	MILE	CENTER LINE, TYPE 1	\$30,000.00	\$ 900.00	\$ 20,200.00	\$25,000.00	\$ 750.00	\$17,500.00	\$ 525.00	\$18,100.00	\$ 543.00
17	642	0.06	MILE	EDGE LINE, TYPE 1	\$30,000.00	\$ 1,800.00	\$ 16,033.33	\$12,500.00	\$ 750.00	\$17,500.00	\$ 1,050.00	\$18,100.00	\$ 1,086.00
TRAFFIC CONTROL SUBTOTAL					\$ 2,840.00			\$ 1,598.00		\$ 1,701.00		\$ 1,741.00	
BRIDGE E6.5													
18	202	1	LUMP	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	\$18,000.00	\$ 18,000.00	\$ 20,530.00	\$21,000.00	\$ 21,000.00	\$20,000.00	\$ 20,000.00	\$20,590.00	\$ 20,590.00
19	202	89	SQ YD	WEARING COURSE REMOVED	\$ 15.00	\$ 1,335.00	\$ 10.67	\$ 12.00	\$ 1,068.00	\$ 10.00	\$ 890.00	\$ 10.00	\$ 890.00
20	503	242	CU YD	UNCLASSIFIED EXCAVATION	\$ 75.00	\$ 18,150.00	\$ 60.77	\$ 72.31	\$ 17,499.02	\$ 50.00	\$ 12,100.00	\$ 60.00	\$ 14,520.00
21	509	7784	POUND	EPOXY COATED REINFORCING STEEL	\$ 2.00	\$ 15,568.00	\$ 1.02	\$ 1.06	\$ 8,251.04	\$ 1.00	\$ 7,784.00	\$ 1.00	\$ 7,784.00
22	510	220	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	\$ 20.00	\$ 4,400.00	\$ 17.15	\$ 18.46	\$ 4,061.20	\$ 18.00	\$ 3,960.00	\$ 15.00	\$ 3,300.00

23	511	31	CU YD	CLASS QC 1 CONCRETE, ABUTMENT	\$ 600.00	\$ 18,600.00	\$ 442.67	\$ 355.00	\$ 11,005.00	\$ 400.00	\$ 12,400.00	\$ 573.00	\$ 17,763.00
24	511	21	CU YD	CLASS QC 2 CONCRETE, BRIDGE DECK	\$ 700.00	\$ 14,700.00	\$ 955.37	\$ 1,039.10	\$ 21,821.10	\$ 800.00	\$ 16,800.00	\$ 1,027.00	\$ 21,567.00
25	512	134	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	\$ 20.00	\$ 2,680.00	\$ 18.33	\$ 18.00	\$ 2,412.00	\$ 25.00	\$ 3,350.00	\$ 12.00	\$ 1,608.00
26	515	8	EACH	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB21-48	\$10,000.00	\$ 80,000.00	\$ 7,261.67	\$ 6,500.00	\$ 52,000.00	\$ 7,750.00	\$ 62,000.00	\$ 7,535.00	\$ 60,280.00
27	516	151	SQ FT	1" PREFORMED EXPANSION JOINT FILLER	\$ 6.00	\$ 906.00	\$ 4.67	\$ 6.00	\$ 906.00	\$ 6.00	\$ 906.00	\$ 2.00	\$ 302.00
28	516	16	EACH	1/8" PREFORMED BEARING PAD	\$ 5.00	\$ 80.00	\$ 8.67	\$ 1.00	\$ 16.00	\$ 15.00	\$ 240.00	\$ 10.00	\$ 160.00
29	516	32	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (6" X 1:	\$ 75.00	\$ 2,400.00	\$ 64.00	\$ 70.00	\$ 2,240.00	\$ 80.00	\$ 2,560.00	\$ 42.00	\$ 1,344.00
30	517	74.5	FT	RAILING (TWIN STEEL TUBE)	\$ 140.00	\$ 10,430.00	\$ 108.63	\$ 107.00	\$ 7,971.50	\$ 104.90	\$ 7,815.05	\$ 114.00	\$ 8,493.00
31	518	65	CU YD	POROUS BACKFILL WITH FILTER FABRIC	\$ 80.00	\$ 5,200.00	\$ 54.67	\$ 70.00	\$ 4,550.00	\$ 50.00	\$ 3,250.00	\$ 44.00	\$ 2,860.00
32	518	120	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	\$ 12.00	\$ 1,440.00	\$ 8.67	\$ 8.00	\$ 960.00	\$ 6.00	\$ 720.00	\$ 12.00	\$ 1,440.00
33	518	70	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE	\$ 12.00	\$ 840.00	\$ 9.33	\$ 8.00	\$ 560.00	\$ 8.00	\$ 560.00	\$ 12.00	\$ 840.00
34	518	75	FT	SPECIAL - STEEL DRIP STRIP	\$ 15.00	\$ 1,125.00	\$ 10.83	\$ 12.50	\$ 937.50	\$ 10.00	\$ 750.00	\$ 10.00	\$ 750.00
35	526	143	SQ YD	REINFORCED CONCRETE APPROACH SLABS	\$ 225.00	\$ 32,175.00	\$ 228.00	\$ 200.00	\$ 28,600.00	\$ 200.00	\$ 28,600.00	\$ 284.00	\$ 40,612.00
36	846	74	FT	SPECIAL - POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM	\$ 125.00	\$ 9,250.00	\$ 149.45	\$ 128.34	\$ 9,497.16	\$ 185.00	\$ 13,690.00	\$ 135.00	\$ 9,990.00
BRIDGE E6.5 SUBTOTAL					\$ 237,279.00			\$ 195,355.52		\$ 198,375.05		\$ 215,093.00	
INCIDENTALS													
37	103	1	LUMP	PREMIUM FOR CONTRACT PERFORMANCE AND MAINTENANCE BOND	\$ 3,427.00	\$ 3,427.00	\$ 3,800.00	\$ 4,000.00	\$ 4,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,400.00	\$ 2,400.00
38	614	1	LUMP	MAINTAINING TRAFFIC	\$ 5,000.00	\$ 5,000.00	\$ 3,566.67	\$ 4,000.00	\$ 4,000.00	\$ 2,000.00	\$ 2,000.00	\$ 4,700.00	\$ 4,700.00
39	623	1	LUMP	CONSTRUCTION LAYOUT AND STAKING	\$ 4,000.00	\$ 4,000.00	\$ 2,533.33	\$ 2,000.00	\$ 2,000.00	\$ 3,800.00	\$ 3,800.00	\$ 1,800.00	\$ 1,800.00
INCIDENTAL SUBTOTAL					\$ 12,427.00			\$ 10,000.00		\$ 10,800.00		\$ 8,900.00	
TOTAL BID.....					\$ 283,000.00			\$ 234,688.60		\$ 238,260.54		\$ 253,766.00	
								R. G. Zachrich Construction, Inc.		Vernon Nagel, Inc.		B. Hill'z Excavating, Inc.	
								-17.1%		-15.8%		-10.3%	
% Difference From Engineer's Estimate:													