

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

OFFICE OF THE FULTON COUNTY ENGINEER

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Chief Deputy Engineer

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BIDDERS TABULATION				ENGINEER'S	Average Bid	B. Hill'z Excavating, Inc.	Miller Bros. Construction, Inc.	Vernon Nagel, Inc.	R. G. Zachrich Construction, Inc.	Anderzack-Pitzen Construction	Edward Kelly & Sons, Inc.	Sand Ridge Excavating							
PROJECT: Replacement of Culvert 10-2E.0				\$117,000.00	Unit Price	\$93,589.00	\$108,215.25	\$121,408.90	\$122,697.70	\$125,295.00	\$128,396.00	\$136,244.53							
BID DATE: July 16, 2013					2.1%	-20.0%	-7.5%	3.8%	4.9%	7.1%	9.7%	16.4%							
REF. ITEM	NO.	QUANTITY	UNITS	DESCRIPTION	UNIT PRICE	ESTIMATED COST	UNIT PRICE	ESTIMATED COST	UNIT PRICE	ESTIMATED COST	UNIT PRICE	ESTIMATED COST	UNIT PRICE	ESTIMATED COST	UNIT PRICE	ESTIMATED COST	UNIT PRICE	ESTIMATED COST	
ROADWAY																			
1	201	1	LUMP	Clearing and Grubbing	\$ 2,500.00	\$ 2,500.00	\$ 4,626.57	\$ 4,386.00	\$ 4,386.00	\$ 2,000.00	\$ 2,000.00	\$ 2,500.00	\$ 2,500.00	\$ 8,000.00	\$ 8,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,500.00	\$ 2,500.00
2	202	1	LUMP	Structure Removed	\$ 8,900.00	\$ 8,900.00	\$ 9,000.00	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00	\$ 7,500.00	\$ 7,500.00	\$20,000.00	\$ 20,000.00	\$ 7,500.00	\$ 7,500.00	\$14,000.00	\$ 14,000.00
3	202	2	EA	Headwall Removed	\$ 825.00	\$ 1,650.00	\$ 1,614.29	\$ 600.00	\$ 1,200.00	\$ 1,400.00	\$ 2,800.00	\$ 850.00	\$ 1,700.00	\$ 550.00	\$ 1,100.00	\$ 1,900.00	\$ 3,800.00	\$ 1,000.00	\$ 2,000.00
4	202	40	SQ YD	Pavement Removed for Butt Joints	\$ 12.50	\$ 500.00	\$ 39.00	\$ 12.00	\$ 480.00	\$ 55.00	\$ 2,200.00	\$ 55.00	\$ 2,200.00	\$ 55.00	\$ 2,200.00	\$ 30.00	\$ 1,200.00	\$ 30.00	\$ 1,200.00
5	202	67	FT	Pipe Removed, Under 24"	\$ 8.00	\$ 536.00	\$ 8.00	\$ 2.00	\$ 134.00	\$ 6.00	\$ 402.00	\$ 4.00	\$ 268.00	\$ 12.00	\$ 804.00	\$ 10.00	\$ 670.00	\$ 8.00	\$ 536.00
6	203	420	CU YD	Excavation	\$ 25.00	\$ 10,500.00	\$ 9.71	\$ 8.00	\$ 3,360.00	\$ 15.00	\$ 6,300.00	\$ 12.00	\$ 5,040.00	\$ 8.00	\$ 3,360.00	\$ 8.00	\$ 3,360.00	\$ 12.00	\$ 5,040.00
7	203	345	CU YD	Embankment	\$ 30.00	\$ 10,350.00	\$ 10.29	\$ 9.00	\$ 3,105.00	\$ 15.00	\$ 5,175.00	\$ 12.00	\$ 4,140.00	\$ 8.00	\$ 2,760.00	\$ 10.00	\$ 3,450.00	\$ 12.00	\$ 4,140.00
8	204	79	SQ YD	Subgrade Compaction	\$ 3.00	\$ 237.00	\$ 3.43	\$ 3.00	\$ 237.00	\$ 1.50	\$ 118.50	\$ 0.85	\$ 67.15	\$ 1.65	\$ 130.35	\$ 10.00	\$ 790.00	\$ 5.00	\$ 395.00
9	503	59	CU YD	Unclassified Excavation	\$ 50.00	\$ 2,950.00	\$ 28.43	\$ 12.00	\$ 708.00	\$ 80.00	\$ 4,720.00	\$ 50.00	\$ 2,950.00	\$ 8.00	\$ 472.00	\$ 21.00	\$ 1,239.00	\$ 25.00	\$ 1,475.00
10	606	12.5	FT	Guardrail, Type 5	\$ 25.00	\$ 312.50	\$ 32.44	\$ 32.00	\$ 400.00	\$ 31.20	\$ 390.00	\$ 31.20	\$ 390.00	\$ 31.20	\$ 390.00	\$ 32.00	\$ 400.00	\$ 32.00	\$ 400.00
11	606	75	FT	Guardrail, Type 5, Long-Span	\$ 30.00	\$ 2,250.00	\$ 39.76	\$ 39.00	\$ 2,925.00	\$ 38.40	\$ 2,880.00	\$ 38.40	\$ 2,880.00	\$ 38.40	\$ 2,880.00	\$ 39.00	\$ 2,925.00	\$ 39.00	\$ 2,925.00
12	606	4	EA	Flared End Section	\$ 60.00	\$ 240.00	\$ 56.71	\$ 56.00	\$ 224.00	\$ 55.00	\$ 220.00	\$ 55.00	\$ 220.00	\$ 55.00	\$ 220.00	\$ 55.00	\$ 220.00	\$ 55.00	\$ 220.00
ROADWAY TOTAL					\$ 40,925.50			\$ 20,159.00	\$ 32,205.50	\$ 29,855.15	\$ 42,316.35	\$ 30,554.00	\$ 34,831.00	\$ 35,072.63					
EROSION CONTROL																			
13	207	3	EACH	Straw Bales for Erosion Control, As per Plan	\$ 15.00	\$ 45.00	\$ 20.29	\$ 5.00	\$ 15.00	\$ 7.00	\$ 21.00	\$ 30.00	\$ 90.00	\$ 10.00	\$ 30.00	\$ 5.00	\$ 15.00	\$ 60.00	\$ 180.00
14	601	7	SQ YD	Crushed Aggregate Slope Protection	\$ 75.00	\$ 525.00	\$ 46.14	\$ 42.00	\$ 294.00	\$ 23.00	\$ 161.00	\$ 65.00	\$ 455.00	\$ 53.00	\$ 371.00	\$ 45.00	\$ 315.00	\$ 45.00	\$ 315.00
15	601	197	CU YD	Rock Channel Protection without Filter, Type C	\$ 55.00	\$ 10,835.00	\$ 56.77	\$ 64.00	\$ 12,608.00	\$ 60.00	\$ 11,820.00	\$ 70.00	\$ 13,790.00	\$ 56.40	\$ 11,110.80	\$ 65.00	\$ 12,805.00	\$ 50.00	\$ 9,850.00
EROSION CONTROL TOTAL					\$ 11,405.00			\$ 12,917.00	\$ 12,002.00	\$ 14,335.00	\$ 11,511.80	\$ 13,135.00	\$ 10,345.00	\$ 6,729.00					
DRAINAGE																			
16	512	51	SQ YD	Sealing of Concrete Surfaces	\$ 20.00	\$ 1,020.00	\$ 28.57	\$ 14.00	\$ 714.00	\$ 25.00	\$ 1,275.00	\$ 18.00	\$ 918.00	\$ 23.80	\$ 1,213.80	\$ 19.00	\$ 969.00	\$ 18.00	\$ 918.00
17	512	178	SQ YD	Type 2 Waterproofing, As Per Plan	\$ 25.00	\$ 4,450.00	\$ 14.63	\$ 22.00	\$ 3,916.00	\$ 14.00	\$ 2,492.00	\$ 12.50	\$ 2,225.00	\$ 16.00	\$ 2,848.00	\$ 13.00	\$ 2,314.00	\$ 15.00	\$ 2,670.00
18	603	20	FT	4" Conduit, Type E, 707.33, 707.42, 707.45	\$ 20.00	\$ 400.00	\$ 13.57	\$ 14.00	\$ 280.00	\$ 26.00	\$ 520.00	\$ 5.00	\$ 100.00	\$ 16.00	\$ 320.00	\$ 10.00	\$ 200.00	\$ 14.00	\$ 280.00
19	603	10	FT	6" Conduit, Type E, 707.33, 707.42, 707.45	\$ 25.00	\$ 250.00	\$ 15.57	\$ 15.00	\$ 150.00	\$ 28.00	\$ 280.00	\$ 8.00	\$ 80.00	\$ 19.00	\$ 190.00	\$ 10.00	\$ 100.00	\$ 15.00	\$ 150.00
20	603	30	FT	8" Conduit, Type D, 707.33, 707.42, 707.45	\$ 30.00	\$ 900.00	\$ 16.86	\$ 17.00	\$ 510.00	\$ 24.00	\$ 720.00	\$ 10.00	\$ 300.00	\$ 20.00	\$ 600.00	\$ 10.00	\$ 300.00	\$ 18.00	\$ 540.00
21	603	78	FT	7x6" Concrete Box Conduit, Type A, 706.05, As Per Plan	\$ 500.00	\$ 39,000.00	\$ 601.27	\$ 504.00	\$ 39,312.00	\$ 490.00	\$ 38,220.00	\$ 565.00	\$ 44,070.00	\$ 600.00	\$ 46,800.00	\$ 650.00	\$ 50,700.00	\$ 650.00	\$ 50,700.00
DRAINAGE TOTAL					\$ 46,020.00			\$ 44,882.00	\$ 43,507.00	\$ 47,693.00	\$ 51,971.80	\$ 54,583.00	\$ 55,258.00	\$ 65,356.60					
PAVEMENT																			
22	304	13	CY	Aggregate Base (6")	\$ 45.00	\$ 585.00	\$ 56.00	\$ 130.00	\$ 1,690.00	\$ 55.00	\$ 715.00	\$ 50.00	\$ 650.00	\$ 42.00	\$ 546.00	\$ 45.00	\$ 585.00	\$ 45.00	\$ 585.00
23	407	11	GAL.	Tack Coat	\$ 2.00	\$ 22.00	\$ 2.08	\$ 3.00	\$ 33.00	\$ 1.75	\$ 19.25	\$ 1.75	\$ 19.25	\$ 1.75	\$ 19.25	\$ 2.00	\$ 22.00	\$ 2.00	\$ 22.00
24	408	31	GAL.	Prime Coat	\$ 2.50	\$ 77.50	\$ 8.07	\$ 3.00	\$ 93.00	\$ 1.50	\$ 46.50	\$ 1.50	\$ 46.50	\$ 1.50	\$ 46.50	\$ 16.00	\$ 496.00	\$ 15.00	\$ 465.00
25	448	4	C.Y.	Asphalt Concrete Intermediate Course, Type 2, PG 64-22	\$ 185.00	\$ 740.00	\$ 549.00	\$ 500.00	\$ 2,000.00	\$ 390.00	\$ 1,560.00	\$ 390.00	\$ 1,560.00	\$ 390.00	\$ 1,560.00	\$ 625.00	\$ 2,500.00	\$ 540.00	\$ 2,160.00
26	448	4	C.Y.	Asphalt Concrete Surface Course, Type 1, PG 64-22	\$ 200.00	\$ 800.00	\$ 603.57	\$ 500.00	\$ 2,000.00	\$ 400.00	\$ 1,600.00	\$ 400.00	\$ 1,600.00	\$ 400.00	\$ 1,600.00	\$ 735.00	\$ 2,940.00	\$ 650.00	\$ 2,600.00
PAVEMENT TOTAL					\$ 2,224.50			\$ 5,816.00	\$ 3,940.75	\$ 3,875.75	\$ 3,771.75	\$ 6,543.00	\$ 5,832.00	\$ 9,500.30					
RETAINING WALLS																			
27	503	62	CU YD	Unclassified Excavation	\$ 50.00	\$ 3,100.00	\$ 31.86	\$ 12.00	\$ 744.00	\$ 80.00	\$ 4,960.00	\$ 50.00	\$ 3,100.00	\$ 8.00	\$ 496.00	\$ 45.00	\$ 2,790.00	\$ 25.00	\$ 1,550.00
28	610	1	LUMP	Special - Retaining Wall, Misc.: Tire Faced Wall	\$ 2,500.00	\$ 2,500.00	\$ 4,250.86	\$ 3,656.00	\$ 3,656.00	\$ 5,000.00	\$ 5,000.00	\$ 5,850.00	\$ 5,850.00	\$ 3,550.00	\$ 3,550.00	\$ 3,500.00	\$ 3,500.00	\$ 6,500.00	\$ 6,500.00
29	838	12	CU YD	Gabions	\$ 350.00	\$ 4,200.00	\$ 312.86	\$ 200.00	\$ 2,400.00	\$ 285.00	\$ 3,420.00	\$ 600.00	\$ 7,200.00	\$ 165.00	\$ 1,980.00	\$ 350.00	\$ 4,200.00	\$ 340.00	\$ 4,080.00
RETAINING WALL TOTAL					\$ 9,800.00			\$ 6,800.00	\$ 13,380.00	\$ 16,150.00	\$ 6,026.00	\$ 10,490.00	\$ 12,130.00	\$ 4,886.00					
INCIDENTALS																			
30	103	1	LUMP	Premium for Contract Performance & Maintenance Guarantee Bond	\$ 1,125.00	\$ 1,125.00	\$ 2,228.57	\$ 100.00	\$ 100.00	\$ 1,000.00	\$ 1,000.00	\$ 3,000.00	\$ 3,000.00	\$ 2,000.00	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00	\$ 3,500.00	\$ 4,500.00
31	614	1	LUMP	Maintaining Traffic	\$ 3,500.00	\$ 3,500.00	\$ 4,585.71	\$ 1,800.00	\$ 1,800.00	\$ 1,200.00	\$ 1,200.00	\$ 5,000.00	\$ 5,000.00	\$ 3,600.00	\$ 3,600.00	\$ 7,500.00	\$ 7,500.00	\$ 5,000.00	\$ 8,000.00
32	623	1	LUMP	Construction Layout Staking	\$ 2,000.00	\$ 2,000.00	\$ 1,397.86	\$ 1,115.00	\$ 1,115.00	\$ 980.00	\$ 980.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 990.00	\$ 990.00	\$ 1,500.00	\$ 2,200.00
INCIDENTAL TOTAL					\$ 6,625.00			\$ 3,015.00	\$ 3,180.00	\$ 9,500.00	\$ 7,100.00	\$ 9,990.00	\$ 10,000.00	\$ 14,700.00					
TOTAL BID					\$ 117,000.00			\$ 93,589.00	\$ 108,215.25	\$ 121,408.90	\$ 122,697.70	\$ 125,295.00	\$ 128,396.00	\$ 136,244.53					
							% Difference From Engineer's Estimate:												
							B. Hill'z Excavating, Inc.	Miller Bros. Construction, Inc.	Vernon Nagel, Inc.	R. G. Zachrich Construction, Inc.	Anderzack-Pitzen Construction	Edward Kelly & Sons, Inc.	Sand Ridge Excavating						
							-20.0%	-7.5%	3.8%	4.9%	7.1%	9.7%	16.4%						