

OFFICE OF THE FULTON COUNTY ENGINEER

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County Engineer

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ENGINEER'S ESTIMATE PROJECT: Culvert D18.8 Replacement DATE: October 2009	ENGINEER'S \$124,220.00	Average Bid Unit Price -7.5%	Miller Contracting Group, Inc. \$108,923.20 -12.3%	Vernon Nagel, Inc. \$115,184.00 -7.3%	B. Hill'z Excavating, Inc. \$116,803.00 -6.0%	Miller Brothers Construction, Inc. \$118,709.00 -4.4%	Anderzack-Pitzen Constr., Inc. \$118,977.00 -4.2%	Diversified Road & Pipe, Inc. \$128,794.00 3.7%	R.G. Zachrich Construction, Inc. \$129,710.31 4.4%	Crestline Paving & Excav. Co., Inc. \$133,998.50 7.9%
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REF. NO.	ITEM NO.	QUANTITY	UNITS	DESCRIPTION	UNIT PRICE	ESTIMATED COST	Average Bid Unit Price	Miller Contracting Group, Inc. PRICE	Miller Contracting Group, Inc. ESTIMATED COST	Vernon Nagel, Inc. PRICE	Vernon Nagel, Inc. ESTIMATED COST	B. Hill'z Excavating, Inc. PRICE	B. Hill'z Excavating, Inc. ESTIMATED COST	Miller Brothers Construction, Inc. PRICE	Miller Brothers Construction, Inc. ESTIMATED COST	Anderzack-Pitzen Constr., Inc. PRICE	Anderzack-Pitzen Constr., Inc. ESTIMATED COST	Diversified Road & Pipe, Inc. PRICE	Diversified Road & Pipe, Inc. ESTIMATED COST	R.G. Zachrich Construction, Inc. PRICE	R.G. Zachrich Construction, Inc. ESTIMATED COST	Crestline Paving & Excav. Co., Inc. PRICE	Crestline Paving & Excav. Co., Inc. ESTIMATED COST
EARTHWORK																							
1	201	1.0	LUMP	Clearing and Grubbing	\$ 2,000.00	\$ 2,000.00	\$ 1,710.00	\$ 800.00	\$ 800.00	\$ 3,000.00	\$ 3,000.00	\$ 2,650.00	\$ 2,650.00	\$ 2,000.00	\$ 2,000.00	\$ 100.00	\$ 100.00	\$ 500.00	\$ 500.00	\$ 4,000.00	\$ 4,000.00	\$ 500.00	\$ 500.00
2	202	1.0	LUMP	Structure Removed	\$ 20,000.00	\$ 20,000.00	\$ 11,740.00	\$ 13,600.00	\$ 13,600.00	\$ 15,000.00	\$ 15,000.00	\$ 9,100.00	\$ 9,100.00	\$ 13,000.00	\$ 13,000.00	\$ 8,000.00	\$ 8,000.00	\$ 10,000.00	\$ 10,000.00	\$ 15,851.00	\$ 15,851.00	\$ 13,500.00	\$ 13,500.00
3	202	98.0	SY	Pavement Removed for Butt Joints	\$ 25.00	\$ 2,450.00	\$ 9.48	\$ 7.40	\$ 725.20	\$ 8.00	\$ 784.00	\$ 7.00	\$ 686.00	\$ 13.00	\$ 1,274.00	\$ 12.00	\$ 1,176.00	\$ 12.00	\$ 1,176.00	\$ 12.00	\$ 1,176.00	\$ 11.35	\$ 1,112.30
4	204	244.0	SY	Subgrade Compaction.....	\$ 1.75	\$ 427.00	\$ 1.65	\$ 3.25	\$ 793.00	\$ 1.00	\$ 244.00	\$ 2.00	\$ 488.00	\$ 1.00	\$ 244.00	\$ 1.00	\$ 244.00	\$ 2.00	\$ 488.00	\$ 1.20	\$ 292.80	\$ 2.00	\$ 488.00
5	207	120.0	FT	Filter Fabric Fence.....	\$ 2.00	\$ 240.00	\$ 1.95	\$ 3.25	\$ 390.00	\$ 2.00	\$ 240.00	\$ 0.50	\$ 60.00	\$ 3.00	\$ 360.00	\$ 1.00	\$ 120.00	\$ 0.50	\$ 60.00	\$ 2.00	\$ 240.00	\$ 1.75	\$ 210.00
EARTHWORK TOTAL.....						\$ 25,117.00			\$ 16,308.20		\$ 19,268.00		\$ 12,984.00		\$ 16,878.00		\$ 9,640.00		\$ 12,224.00		\$ 21,559.80		\$ 15,810.30
DRAINAGE																							
6	601	59.0	TON	Rock Channel Protection without Filter, Type D.....	\$ 45.00	\$ 2,655.00	\$ 28.00	\$ 31.00	\$ 1,829.00	\$ 30.00	\$ 1,770.00	\$ 27.00	\$ 1,593.00	\$ 32.00	\$ 1,888.00	\$ 20.00	\$ 1,180.00	\$ 40.00	\$ 2,360.00	\$ 53.00	\$ 3,127.00	\$ 32.50	\$ 1,917.50
7	602	1.0	EACH	Concrete Headwall for 96" Dia. Culvert, As Per Plan.....	\$ 2,600.00	\$ 2,600.00	\$ 2,900.00	\$ 2,750.00	\$ 2,750.00	\$ 2,000.00	\$ 2,000.00	\$ 2,250.00	\$ 2,250.00	\$ 4,000.00	\$ 4,000.00	\$ 3,500.00	\$ 3,500.00	\$ 3,000.00	\$ 3,000.00	\$ 5,325.00	\$ 5,325.00	\$ 4,250.00	\$ 4,250.00
8	603	176.0	FT	96" Dia. Conduit, Type A, ASTM C 76, Class II.....	\$ 406.50	\$ 71,544.00	\$ 439.20	\$ 383.00	\$ 67,408.00	\$ 430.00	\$ 75,680.00	\$ 480.00	\$ 84,480.00	\$ 430.00	\$ 75,680.00	\$ 473.00	\$ 83,248.00	\$ 511.00	\$ 89,936.00	\$ 433.86	\$ 76,359.36	\$ 500.00	\$ 88,000.00
DRAINAGE TOTAL.....						\$ 76,799.00			\$ 71,987.00		\$ 79,450.00		\$ 88,323.00		\$ 81,568.00		\$ 87,928.00		\$ 95,296.00		\$ 84,811.36		\$ 94,167.50
PAVEMENT																							
9	304	81.0	CY	Aggregate Base (12").....	\$ 52.00	\$ 4,212.00	\$ 41.40	\$ 44.00	\$ 3,564.00	\$ 28.00	\$ 2,268.00	\$ 45.00	\$ 3,645.00	\$ 40.00	\$ 3,240.00	\$ 50.00	\$ 4,050.00	\$ 55.00	\$ 4,455.00	\$ 40.00	\$ 3,240.00	\$ 55.50	\$ 4,495.50
10	407	51.0	GAL	Tack Coat (0.10 Gal./S.Y.).....	\$ 3.00	\$ 153.00	\$ 1.80	\$ 2.00	\$ 102.00	\$ 2.00	\$ 102.00	\$ 2.00	\$ 102.00	\$ 2.00	\$ 102.00	\$ 1.00	\$ 51.00	\$ 1.00	\$ 51.00	\$ 1.65	\$ 84.15	\$ 1.80	\$ 91.80
11	408	98.0	GAL	Bituminous Prime Coat (0.40 Gal./S.Y.).....	\$ 5.50	\$ 539.00	\$ 2.30	\$ 4.50	\$ 441.00	\$ 2.00	\$ 196.00	\$ 2.00	\$ 196.00	\$ 2.00	\$ 196.00	\$ 1.00	\$ 98.00	\$ 1.00	\$ 98.00	\$ 4.00	\$ 392.00	\$ 1.80	\$ 176.40
12	448	23.0	CY	Asphalt Concrete Intermediate Course, Type 2, PG 64-22 (3.5").....	\$ 221.00	\$ 5,083.00	\$ 217.40	\$ 210.00	\$ 4,830.00	\$ 200.00	\$ 4,600.00	\$ 202.00	\$ 4,646.00	\$ 280.00	\$ 6,440.00	\$ 195.00	\$ 4,485.00	\$ 190.00	\$ 4,370.00	\$ 186.00	\$ 4,278.00	\$ 214.00	\$ 4,922.00
13	448	21.0	CY	Asphalt Concrete Surface Course, Type 1, PG 64-22 (1.5").....	\$ 282.00	\$ 5,922.00	\$ 222.60	\$ 221.00	\$ 4,641.00	\$ 200.00	\$ 4,200.00	\$ 202.00	\$ 4,242.00	\$ 285.00	\$ 5,985.00	\$ 205.00	\$ 4,305.00	\$ 200.00	\$ 4,200.00	\$ 199.00	\$ 4,179.00	\$ 240.00	\$ 5,040.00
14	617	10.0	CY	Reconditioning of Shoulders (5").....	\$ 52.00	\$ 520.00	\$ 71.00	\$ 105.00	\$ 1,050.00	\$ 60.00	\$ 600.00	\$ 60.00	\$ 600.00	\$ 80.00	\$ 800.00	\$ 50.00	\$ 500.00	\$ 90.00	\$ 900.00	\$ 48.00	\$ 480.00	\$ 100.00	\$ 1,000.00
PAVEMENT TOTAL.....						\$ 16,429.00			\$ 14,628.00		\$ 11,966.00		\$ 13,431.00		\$ 16,763.00		\$ 13,489.00		\$ 14,074.00		\$ 12,653.15		\$ 15,725.70
INCIDENTALS																							
15	103	1.0	LUMP	Premium for Contract Performance Bond and Maintenance Guarantee Bond.....	\$ 1,875.00	\$ 1,875.00	\$ 1,424.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,120.00	\$ 1,120.00	\$ 1,200.00	\$ 1,200.00	\$ 1,786.00	\$ 1,786.00	\$ 750.00	\$ 750.00
16	614	1.0	LUMP	Maintaining Traffic	\$ 2,500.00	\$ 2,500.00	\$ 2,300.00	\$ 3,000.00	\$ 3,000.00	\$ 1,000.00	\$ 1,000.00	\$ 200.00	\$ 200.00	\$ 1,500.00	\$ 1,500.00	\$ 5,800.00	\$ 5,800.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 6,295.00	\$ 6,295.00
17	623	1.0	LUMP	Construction Layout and Staking.....	\$ 1,500.00	\$ 1,500.00	\$ 1,073.00	\$ 1,000.00	\$ 1,000.00	\$ 1,500.00	\$ 1,500.00	\$ 865.00	\$ 865.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 3,900.00	\$ 3,900.00	\$ 1,250.00	\$ 1,250.00
INCIDENTALS TOTAL.....						\$ 5,875.00			\$ 6,000.00		\$ 4,500.00		\$ 2,065.00		\$ 3,500.00		\$ 7,920.00		\$ 7,200.00		\$ 10,686.00		\$ 8,295.00
BID TOTAL						\$ 124,220.00			\$ 108,923.20		\$ 115,184.00		\$ 116,803.00		\$ 118,709.00		\$ 118,977.00		\$ 128,794.00		\$ 129,710.31		\$ 133,998.50
					% Difference from Engineer's Estimate			-12.3%		-7.3%		-6.0%		-4.4%		-4.2%		3.7%		4.4%		7.9%	