

DEFIANCE COUNTY ENGINEER

Bowman Road - TR 12

Bid Date: **Monday, August 22, 2005**
 Engineer's Estimate: **\$230,885.00**

Engineer's Estimate

**R.G. Zachrich Const.
Defiance, OH**

**Anderzack-Przen Construction
Metamora, OH**

ITEM	DESCRIPTION	QTY	Engineer's Estimate		R.G. Zachrich Const.		Anderzack-Przen Construction		
			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
ROADWAY									
202	Clearing and Grubbing	1	Lump	\$ 2,000.00	\$ 2,000.00	\$8,000.00	\$8,000.00	\$13,000.00	\$13,000.00
202	Pipe Removed	351	Foot	\$ 2.00	\$ 702.00	\$10.00	\$3,510.00	\$10.00	\$3,510.00
203	Pavement Removal	353	SYD	\$ 10.00	\$ 3,530.00	\$6.00	\$2,118.00	\$4.00	\$1,412.00
203	Excavation	11267	CY	\$ 6.00	\$ 67,602.00	\$4.00	\$45,068.00	\$7.50	\$84,502.50
203	Embankment	3555	CY	\$ 6.00	\$ 21,330.00	\$6.00	\$21,330.00	\$7.00	\$24,885.00
204	Subgrade Compaction	5201	SY	\$ 2.00	\$ 10,402.00	\$1.00	\$5,201.00	\$0.75	\$3,900.75
606	Guardrail, Type 5	325	LF	\$ 13.00	\$ 4,225.00	\$13.40	\$4,355.00	\$14.00	\$4,550.00
606	W Beam Flared end Section	2	Each	\$ 75.00	\$ 150.00	\$50.00	\$100.00	\$50.00	\$100.00
606	Bridge Terminal Assembly, Type 4	4	Each	\$ 500.00	\$ 2,000.00	\$575.00	\$2,300.00	\$575.00	\$2,300.00
606	Anchor Assembly, Type A	2	Each	\$ 650.00	\$ 1,300.00	\$780.00	\$1,560.00	\$780.00	\$1,560.00
517	Railing (Deep Beam Rail w/ Steel Tubular Backup)	162.5	LF	\$ 55.00	\$ 8,937.50	\$56.40	\$9,165.00	\$57.00	\$9,262.50
Special	Mailbox Support System, Single	3	Each	\$ 75.00	\$ 225.00	\$80.00	\$240.00	\$100.00	\$300.00
Erosion Control									
601	Rock Channel Protection, Type C w/ filter	30	CY	\$ 40.00	\$ 1,200.00	\$47.00	\$1,410.00	\$35.00	\$1,050.00
659	Seeding and Mulching	7539	SY	\$ 0.50	\$ 3,769.50	\$0.39	\$2,940.21	\$0.40	\$3,015.60
659	Commercial Fertilizer	0.68	Ton	\$ 450.00	\$ 306.00	\$268.60	\$182.65	\$395.00	\$268.60
659	Water	20	M Gal	\$ 15.00	\$ 300.00	\$5.50	\$110.00	\$5.00	\$100.00
Drainage									
603	6" Conduit, Type F	50	Foot	\$ 7.50	\$ 375.00	\$5.00	\$250.00	\$8.00	\$400.00
603	8" Conduit, Type F	50	Foot	\$ 10.00	\$ 500.00	\$8.00	\$400.00	\$10.00	\$500.00
603	10" Conduit, Type F	50	Foot	\$ 11.00	\$ 550.00	\$10.00	\$500.00	\$12.00	\$600.00
603	12" Conduit, Type F	50	Foot	\$ 12.00	\$ 600.00	\$12.00	\$600.00	\$14.00	\$700.00
604	24" Conduit, Type B	85	Foot	\$ 55.00	\$ 4,675.00	\$60.00	\$5,100.00	\$60.00	\$5,100.00
605	12" Conduit, Type D	358	Foot	\$ 20.00	\$ 7,160.00	\$25.00	\$8,950.00	\$20.00	\$7,160.00
606	12" Conduit, Type C	150	Foot	\$ 22.00	\$ 3,300.00	\$31.00	\$4,650.00	\$24.00	\$3,600.00
604	Side Ditch Inlet	1	Each	\$ 700.00	\$ 700.00	\$1,000.00	\$1,000.00	\$750.00	\$750.00
604	Catch Basins 2-3	1	Each	\$ 1,500.00	\$ 1,500.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00
605	Aggregate Drain	512	LF	\$ 10.00	\$ 5,120.00	\$6.00	\$3,072.00	\$7.00	\$3,584.00
Pavement									
304	Aggregate Base	1543	Tons	\$ 15.00	\$ 23,145.00	\$15.00	\$23,145.00	\$14.00	\$21,602.00
408	Bituminous Prime Coat	1446	Gal	\$ 1.00	\$ 1,446.00	\$1.00	\$1,446.00	\$1.00	\$1,446.00
411	Stabilized Crushed Aggregate Berm	115	Cyd.	\$ 30.00	\$ 3,450.00	\$42.00	\$4,830.00	\$28.00	\$3,220.00
448	Asphalt Concrete Surface Course Type 1 PG64-22	385	Tons	\$ 45.00	\$ 17,325.00	\$51.90	\$19,981.50	\$52.00	\$20,020.00
448	Asphalt Concrete Intermediate Course Type 2 PG64-22	300	Tons	\$ 45.00	\$ 13,500.00	\$51.90	\$15,570.00	\$52.00	\$15,600.00
Traffic Control									
626	Barrier Reflector, Type A2	12	Each	\$ 10.00	\$ 120.00	\$5.00	\$60.00	\$5.00	\$60.00
642	Edge Line	3000	LF	\$ 1.50	\$ 4,500.00	\$0.30	\$900.00	\$0.30	\$900.00
642	Centerline	1650	LF	\$ 1.50	\$ 2,475.00	\$0.30	\$495.00	\$0.30	\$495.00
Maintenance Of Traffic									
614	Maintaining Traffic	1	Lump	\$ 2,000.00	\$ 2,000.00	\$2,600.00	\$2,600.00	\$1,000.00	\$1,000.00
Misellaneous									
623	Construction Layout Stakes	1	Lump	\$ 4,000.00	\$ 4,000.00	\$9,590.00	\$9,590.00	\$3,000.00	\$3,000.00
624	Mobilization	1	Lump	\$ 3,000.00	\$ 3,000.00	\$6,000.00	\$6,000.00	\$8,500.00	\$8,500.00
TOTAL					\$ 227,420.00		\$217,929.36		\$253,153.95