

Mehlow Ditch Drainage Improvement Project

Estimated Project Cost

					Engineer's Estimate	
ITEM	QUAN	UNITS	DESCRIPTION		EST. COST	TOTAL
			EARTHWORK			
1	201	LUMP	SUM	CLEARING AND GRUBBING, AS PER PLAN	Lump Sum	\$ 60,000.00
2	202	237	FT	SPECIAL - PIPE CLEANOUT, 27" TO 48"	\$ 12.00	\$ 2,844.00
3	202	33	FT	SPECIAL - PIPE CLEANOUT OVER 48"	\$ 14.00	\$ 462.00
4	202	61	FT	PIPE REMOVED, 24" AND UNDER	\$ 15.00	\$ 915.00
5	202	80	FT	PIPE REMOVED, OVER 24"	\$ 20.00	\$ 1,600.00
6	203	27764	CY	EXCAVATION, AS PER PLAN	\$ 4.00	\$ 111,056.00
7	203	9167	CY	EARTHWORK, MISC.: SPOIL LEVELING	\$ 2.00	\$ 18,334.00
8	203	5399	CY	EARTHWORK, MISC.: SPOIL REMOVAL	\$ 9.00	\$ 48,591.00
			EROSION CONTROL			
9	601	200	TON	DUMPED ROCK FILL, MISC.: TYPE D	\$ 40.00	\$ 8,000.00
10	659	60546	SY	SEEDING AND MULCHING, AS PER PLAN	\$ 0.50	\$ 30,273.00
11	659	9417	SY	REPAIR SEEDING AND MULCHING, AS PER PLAN	\$ 2.50	\$ 23,542.50
			DRAINAGE			
12	611	35	FT	24" CONDUIT, TYPE C, 706.02	\$ 150.00	\$ 5,250.00
13	611	32	FT	30" CONDUIT, TYPE C, 706.02	\$ 200.00	\$ 6,400.00
14	611	70	FT	54" CONDUIT, TYPE C, 706.02	\$ 350.00	\$ 24,500.00
			INCIDENTALS			
15	103	LUMP	SUM	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND	Lump Sum	\$ 5,202.00
16	624	LUMP	SUM	MOBILIZATION	Lump Sum	\$ 5,000.00
			ADDITIVE ALTERNATE #1			
17	671	25149	SY	EROSION CONTROL MAT, TYPE B	\$ 2.75	\$ 69,159.75

Estimated Construction Cost \$ 421,129.25

10% Contingency \$ 42,112.93

Estimated Construction Engineering & Advertising Cost \$ 84,500.00

Estimated Petition Engineering Cost \$ 3,721.00

Estimated Petition Commissioner's Cost \$ 5,658.70

Project Subtotal \$ 557,121.88

First Year Maintenance \$ 12,962.80

Total Estimated Project Cost \$ 570,084.68

Driveway Culverts (Not a biddable item) \$ 38,665.00

Private driveway culverts replaced due to new design with cost not included in the assessment base.

Prepared by: Daniel Toris Jr., P.E., P.S., Ottawa County Engineer

