

ENGINEER'S OPINION OF PROBABLE COST

Item 00300

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Project # 8 - 2009
Sanitary Sewer Improvements Williams Center Area
 Williams County Commissioners
 Williams County, Ohio

Williams County Engineer
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 Bryan, OH 43506
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Dennis M. Bell, P.E., P.S.
 email: dbell@wmsco.org

Date: 7-24-09

Revised: 9-21-09

Prepared By: Dennis M Bell, P.E.P.S.

Revised By:

Bid item	Item	Description	Unit	Quantity	Unit Cost	Estimated Price
EROSION CONTROL						
1	201	CLEARING AND GRUBBING	LUMP	1	\$30,000.00	\$30,000.00
2	202	CATCH BASIN REMOVED	EACH	7	\$400.00	\$2,800.00
3	448	ASPHALT CONCRETE SURFACE COURSE, TYPE 1-PG64-22	CU YD	52	\$175.00	\$9,100.00
4	448	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1-PG64-23	CU YD	147	\$165.00	\$24,255.00
5	646	EPOXY PAVEMENT MARKING	LUMP	1	\$1,000.00	\$1,000.00
6	411	STABILIZED CRUSHED AGGREGATE	CU. YD.	25	\$65.00	\$1,625.00
7	451	CONCRETE DRIVE REPAIR	SQ. YD.	184	\$75.00	\$13,800.00
EROSION CONTROL						
8	832	STORM WATER POLLUTION PREVENTION PLAN - SP3	EACH	1	\$700.00	\$700.00
9	832	EROSION CONTROL	EACH	1	\$5,000.00	\$5,000.00
EROSION CONTROL						
10	603	DRIVE CULVERT REPLACED, 12" AND UNDER	FT.	553	\$38.00	\$21,014.00
11	603	STORM SEWER REPAIR, UNDER 12"	FT.	116	\$25.00	\$2,900.00
12	603	STORM SEWER REPAIR, 12" TO 21"	FT.	42	\$32.00	\$1,344.00
13	603	STORM SEWER REPAIR, OVER 21"	FT.	20	\$38.00	\$760.00
14	603	STORM SEWER REPLACEMENT, UNDER 12"	FT.	124	\$25.00	\$3,100.00
15	603	STORM SEWER REPLACEMENT, 12" TO 21"	FT.	420	\$32.00	\$13,440.00
16	603	DRIVE CULVERT, 12" CMP	FT.	70	\$50.00	\$3,500.00
17	603	8" CONDUIT, TYPE B BACKFILL	FT.	4400.00	\$50.00	\$220,000.00
18	603	6" CONDUIT, TYPE B BACKFILL	FT.	579.00	\$47.00	\$27,213.00
19	603	8" CONDUIT, TYPE C BACKFILL	FT.	7820.00	\$37.00	\$289,340.00
20	603	6" CONDUIT, TYPE C BACKFILL	FT.	1675.00	\$33.00	\$55,275.00
21	603	6" RISER	V. FT.	79.00	\$20.00	\$1,580.00
22	603	8" BORED	FT.	76.00	\$150.00	\$11,400.00
23	603	6" BORED	FT.	605.00	\$100.00	\$60,500.00
24	603	6" FORCEMAIN JACKED / DIRECTIONAL DRILLED	FT.	403.00	\$150.00	\$60,450.00
25	603	1-1/2" FORCE MAIN	FT.	221.00	\$30.00	\$6,630.00
26	603	1-1/2" FORCE MAIN WITH GRANULAR BACKFILL	FT.	24.00	\$37.00	\$888.00
27	603	6" FORCE MAIN	FT.	8064.00	\$35.00	\$282,240.00
28	603	6" FORCE MAIN WITH GRANULAR BACKFILL	FT.	1859.00	\$40.00	\$74,360.00
29	603	16" STEEL CASEMENT (BORED)	FT.	194.00	\$150.00	\$29,100.00
30	603	12" STEEL CASEMENT (BORED)	FT.	403.00	\$100.00	\$40,300.00
31	604	CATCH BASIN REPLACEMENT	EACH	7.00	\$1,500.00	\$10,500.00
32	604	TYPE 2 MANHOLE (49EACH)	V. FT.	416.80	\$300.00	\$125,040.00
33	604	TYPE 3 DROP MANHOLE (4EACH)	V. FT.	53.80	\$300.00	\$16,140.00
34	604	8" DROP	V. FT.	27.70	\$125.00	\$3,462.50
35	604	AIR RELEASE MANHOLE	EACH	6.00	\$4,500.00	\$27,000.00

36	608	WALK REPLACEMENT	SQ. FT.	72.00	\$7.50	\$540.00
37	SPEC	VIDEO RECORDING	LUMP	1	\$6,500.00	\$6,500.00
38	SPEC	RESTORATION	LUMP	1	\$35,000.00	\$35,000.00
39	SPEC	PROJECT SIGNAGE	LUMP	1	\$3,000.00	\$3,000.00
40	SPEC	GRINDER PUMP STATION	EACH	10	\$10,000.00	\$100,000.00
41	SPEC	6" CLEANOUT	EACH	101	\$300.00	\$30,300.00
42	SPEC	CURB STOP	EACH	10	\$125.00	\$1,250.00
43	SPEC	PUMP STATION 1 COUNTY ROAD A	LUMP	1	\$125,000.00	\$125,000.00
44	SPEC	PUMP STATION 2 STATE ROUTE 576	LUMP	1	\$125,000.00	\$125,000.00
45	SPEC	LAGOON EFFLUENT PUMPING STATION SOUTH CENTRAL WWTP	LUMP	1	\$175,000.00	\$175,000.00
46	614	MAINTAINING TRAFFIC	LUMP	1	\$20,000.00	\$20,000.00
47	623	CONSTRUCTION LAYOUT STAKING	LUMP	1	\$35,000.00	\$35,000.00
48	624	MOBILIZATION	LUMP	1	\$20,000.00	\$20,000.00
					SUBTOTAL	\$2,152,346.50
					CONTINGENCY	\$17,903.38
					TOTAL ESTIMATE	\$2,170,249.88
I HEREBY CERTIFY THAT THIS ESTIMATE WAS PREPARE USING DAVIS BACON FEDERAL PREVAILING WAGE RATES.						END OF ITEM
_____ Dennis M. Bell, PE 44500			Date <u>September 21, 2009</u>			