

Engineer's Official Estimate

Item	ODOT CMS Item	Description	Unit	Quantity	Unit Price	Estimated Cost
WATERWORKS						
1	638	12" PVC C900 WATER LINE	LIN FT	3869	\$60.00	\$232,140.00
2	638	FIRE HYDRANT ASSEMBLY	EACH	9	\$4,800.00	\$43,200.00
3	638	12" GATE VALVE	EACH	9	\$2,500.00	\$22,500.00
4	638	12" 45 DEGREE BEND	EACH	8	\$500.00	\$4,000.00
5	638	12" 22.5 DEGREE BEND	EACH	2	\$500.00	\$1,000.00
6	638	12" 11.25 DEGREE BEND	EACH	1	\$500.00	\$500.00
7	638	12"X12"X6" TEE	EACH	2	\$600.00	\$1,200.00
8	638	12"X12"X12" TEE	EACH	1	\$650.00	\$650.00
9	638	12" CONNECTING SLEEVE	EACH	1	\$500.00	\$500.00
10	638	12" X 6" REDUCER	EACH	2	\$400.00	\$800.00
11	638	6" PVC C900 WATER LINE	LIN FT	40	\$50.00	\$2,000.00
12	638	6" GATE VALVE	EACH	2	\$2,000.00	\$4,000.00
13	638	6" 45 DEGREE BEND	EACH	6	\$400.00	\$2,400.00
14	638	6" CONNECTING SLEEVE	EACH	4	\$400.00	\$1,600.00
15	638	RESIDENTIAL WATER TAP (LONG WITH CURB STOP)	EACH	14	\$1,200.00	\$16,800.00
16	638	RESIDENTIAL WATER TAP (SHORT WITH CURB STOP)	EACH	16	\$1,700.00	\$27,200.00
17	638	REMOVE EXISTING HYDRANT	EACH	1	\$600.00	\$600.00
SANITARY						
18	611	8" PVC SANITARY SEWER FORCE MAIN, TYPE C	LIN FT	4169	\$44.00	\$183,436.00
19	611	8" PVC SANITARY SEWER FORCE MAIN, TYPE B	LIN FT	95	\$55.00	\$5,225.00
20	611	8" PVC SANITARY SEWER FORCE MAIN, DIRECTIONAL BORE	LIN FT	1200	\$125.00	\$150,000.00
21	611	8" 45 DEGREE BENDS	EACH	9	\$500.00	\$4,500.00
22	611	SANITARY AIR RELEASE VALVE ASSEMBLY WITH MANHOLE	EACH	3	\$5,000.00	\$15,000.00
DRAINAGE						
23	611	STANDARD NO. 3 STORM SEWER MANHOLE	EACH	33	\$2,500.00	\$82,500.00
24	611	NO. 2-2-B STORM CATCH BASIN	EACH	8	\$1,500.00	\$12,000.00
25	611	NO. 3A MODIFIED STORM CATCH BASIN	EACH	34	\$1,800.00	\$61,200.00
26	611	12" STORM SEWER, TYPE C	LIN FT	1298	\$35.00	\$45,430.00
27	611	15" STORM SEWER, TYPE B	LIN FT	1908	\$50.00	\$95,400.00
28	611	15" STORM SEWER, TYPE C	LIN FT	20	\$45.00	\$900.00
29	611	30" STORM SEWER, TYPE B	LIN FT	1881	\$105.00	\$197,505.00
30	611	30" STORM SEWER, TYPE C	LIN FT	2013	\$95.00	\$191,235.00
31	SPECIAL	15" HEADWALL	LIN FT	1	\$1,500.00	\$1,500.00
32	SPECIAL	30" HEADWALL	LIN FT	1	\$7,500.00	\$7,500.00
33	SPECIAL	STORM TAP	EACH	14	\$1,300.00	\$18,200.00
34	SPECIAL	TYPE C DUMP ROCK	CU YD	10	\$80.00	\$800.00
PAVEMENT						
35	201	CLEARING AND GRUBBING (INCLUDES REMOVAL OF OBSTRUCTIONS PER ITEM 202)	LUMP	1	\$5,000.00	\$5,000.00
36	203	EXCAVATION INCLUDING EMBANKMENT	LUMP	1	\$270,000.00	\$270,000.00
37	204	SUB-GRADE COMPACTION & PROOF ROLLING	SQ YD	11156	\$1.00	\$11,156.00
38	304	AGGREGATE BASE, 12" THICK	CU YD	3491	\$40.00	\$139,640.00
39	407	TACK COAT, 0.1 GAL/SQ YD	GAL	902	\$2.00	\$1,804.00
40	408	BITUMINOUS PRIME COAT, 0.35 GAL/SQ YD	GAL	3158	\$2.00	\$6,316.00
41	448	ASPHALT CONCRETE INTERMEDIATE COURSE TYPE 2, PG64-22, 2-1/2"	CU YD	626	\$150.00	\$93,900.00
42	448	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22 1-1/2"	CU YD	376	\$170.00	\$63,920.00
43	605	6" UNDERDRAINS	LIN FT	7679	\$8.00	\$61,432.00
44	609	CONCRETE CURB & GUTTER, TYPE 2	LIN FT	7679	\$15.00	\$115,185.00
45	651	TOPSOIL STOCKPILED, AS PER PLAN	CU YD	1929	\$5.00	\$9,645.00
46	652	PLACING STOCKPILED TOPSOIL, AS PER PLAN	CU YD	1929	\$5.00	\$9,645.00
47	SPECIAL	TENSAR GEOTEXTILE GRID, BX1200	SQ YD	11156	\$2.00	\$22,312.00
48	SPECIAL	ODOT TYPE D WOVEN SUBGRADE FABRIC	SQ YD	11156	\$1.00	\$11,156.00
49	SPECIAL	CONCRETE DRIVE REPAIR	SQ FT	8960	\$8.00	\$71,680.00
50	SPECIAL	ASPHALT DRIVE REPAIR	SQ FT	360	\$8.00	\$2,880.00
51	SPECIAL	STONE DRIVE REPAIR	SQ FT	930	\$4.00	\$3,720.00
MISCELLANEOUS						
52	611	4" TO 15" CONDUIT (TILE) REPAIR-	LIN FT	400	\$35.00	\$14,000.00
53	611	LARGER THAN 15" CONDUIT (TILE) REPAIR	LIN FT	50	\$45.00	\$2,250.00
54	614	MAINTENANCE OF TRAFFIC	LUMP	1	\$1,000.00	\$1,000.00
55	623	CONSTRUCTION LAYOUT STAKING	LUMP	1	\$15,000.00	\$15,000.00
56	624	MOBILIZATION	LUMP	1	\$40,000.00	\$40,000.00
57	SPECIAL	CONCRETE DRIVE REMOVAL	SQ FT	5365	\$2.00	\$10,730.00
58	611	EXISTING SANITARY TAP LOWERING	EACH	17	\$3,000.00	\$51,000.00
59	604	ADJUST EXISTING MANHOLE TO GRADE	EACH	9	\$700.00	\$6,300.00
EROSION CONTROL						
60	659	FERTILIZER	TON	1.6	\$550.00	\$892.44
61	659	SEEDING AND MULCHING, CLASS 1 LAWN MIXTURE	SQ YD	18029	\$1.00	\$18,029.00
62	659	TEMPORARY EROSION CONTROL SEED, CLASS 7 MIXTURE	SQ YD	10	\$1.00	\$10.00
63	832	DANDI BAG AT CATCH BASIN, AS PER PLAN	EACH	46	\$150.00	\$6,900.00
64	832	SILT FENCE, AS PER PLAN	LIN FT	3000	\$2.50	\$7,500.00

SUBTOTAL ESTIMATED COST	\$2,506,423.44
5% CONTINGENCIES	\$125,321.17
TOTAL ESTIMATED COST OF CONSTRUCTION	\$2,631,744.61