

CITY OF DEFIANCE, OHIO
DARBYSHIRE AREA WATERLINE AND PAVEMENT IMPROVEMENTS
BID SCHEDULE

Bid Summary

Pay Item	Description	Quantity	Unit	Fenson	Hillabrand	Hohenbrink	Vernon Nagel	Engineer
1	MOBILIZATION	LS	1	\$ 90,000	\$ 17,000	\$ 27,361	\$ 50,000	\$ 55,000
2	CONSTRUCTION LAYOUT STAKES	LS	1	\$ 40,000	\$ 6,900	\$ 16,385	\$ 35,000	\$ 11,000
3	MAINTENANCE OF TRAFFIC	LS	1	\$ 30,000	\$ 10,000	\$ 12,559	\$ 25,000	\$ 11,000
4	INLET PROTECTION	EA	24	\$ 2,400	\$ 2,847	\$ 1,699	\$ 4,800	\$ 2,640
5	SILT FENCE	LF	250	\$ 1,500	\$ 820	\$ 1,180	\$ 1,250	\$ 825
6	#2 STONE FOR ROCK CHECK DAM	CY	10	\$ 740	\$ 593	\$ 692	\$ 1,000	\$ 550
7	6" WATER PIPE AND FITTINGS	LF	3,468	\$ 288,711	\$ 374,544	\$ 225,975	\$ 554,880	\$ 438,702
8	6" GATE VALVE AND BOX	EA	12	\$ 34,200	\$ 35,236	\$ 25,320	\$ 42,000	\$ 26,400
9	12" x 6" TAPPING SLEEVE AND VALVE AND BOX	EA	2	\$ 13,200	\$ 17,212	\$ 11,251	\$ 20,000	\$ 16,500
10	6" x 6" TAPPING SLEEVE AND VALVE AND BOX	EA	3	\$ 19,050	\$ 25,422	\$ 16,287	\$ 25,500	\$ 16,500
11	6" - 11 1/4° BEND	EA	10	\$ 6,220	\$ 9,494	\$ 4,664	\$ 8,000	\$ 5,500
12	6" - 22 1/2° BEND	EA	3	\$ 1,944	\$ 2,834	\$ 1,385	\$ 2,400	\$ 1,650
13	6" - 45° BEND	EA	6	\$ 3,216	\$ 5,752	\$ 2,869	\$ 4,800	\$ 3,300
14	CUT AND PLUG WATER MAIN	EA	6	\$ 5,028	\$ 16,841	\$ 6,976	\$ 15,000	\$ 13,200
15	3/4-INCH WATER SERVICE TUBING (UNDER PAVEMENT)	LF	364	\$ 35,308	\$ 42,362	\$ 18,160	\$ 29,120	\$ 16,016
16	3/4-INCH WATER SERVICE TUBING (OUTSIDE OF PAVEMENT)	LF	217	\$ 11,230	\$ 8,068	\$ 8,348	\$ 13,020	\$ 5,968
17	SERVICE CONNECTION TO PROPOSED WATER MAIN	EA	33	\$ 12,375	\$ 70,151	\$ 57,218	\$ 33,000	\$ 3,078
17A	WATER SERVICE VALVE AND BOX	EA	5	\$ 3,325	\$ 3,011	\$ 2,879	\$ 6,000	\$ 550
18	FIRE HYDRANT	EA	7	\$ 52,150	\$ 48,885	\$ 46,710	\$ 77,000	\$ 30,800
19	WATER MAIN LOWERING	EA	1	\$ 11,000	\$ 7,471	\$ 4,538	\$ 7,500	\$ 5,830
20	TOPSOIL	CY	3	\$ 540	\$ 352	\$ 88	\$ 300	\$ 132
21	GRADING AND SEEDING	SY	26	\$ 650	\$ 150	\$ 1,380	\$ 182	\$ 57
22	TEMPORARY PAVEMENT	CY	129	\$ 63,855	\$ 60,889	\$ 41,409	\$ 51,600	\$ 31,928
23	TEMPORARY PAVEMENT (WINTER RESTORATION)	CY	40	\$ 19,800	\$ 18,890	\$ 12,741	\$ 16,000	\$ 9,900
24	1 1/2" PAVEMENT PLANING	SY	5707	\$ 21,401	\$ 21,344	\$ 20,945	\$ 18,548	\$ 9,417
25	1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (449), PG64-22	CY	241	\$ 69,890	\$ 72,059	\$ 70,787	\$ 84,350	\$ 59,648
26	NON-TRACKING TACK COAT (APPLICATION RATE 0.1 GAL./S.Y.)	GAL	574	\$ 2,755	\$ 1,814	\$ 1,785	\$ 1,579	\$ 2,999
27	TENSAR GLASPAVE WATERPROOFING PAVING MAT (GP50)	SY	5975	\$ 56,763	\$ 58,077	\$ 57,061	\$ 50,489	\$ 32,863
28	12" AGGREGATE BASE	CY	90	\$ 4,208	\$ 4,848	\$ 6,550	\$ 13,500	\$ 22,275
29	EXCAVATION	CY	136	\$ 3,128	\$ 7,472	\$ 5,405	\$ 6,800	\$ 11,220
30	SUBGRADE COMPACTION	SY	271	\$ 583	\$ 718	\$ 564	\$ 1,355	\$ 4,472
31	1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (449), PG64-22	CY	14	\$ 7,000	\$ 6,199	\$ 6,089	\$ 5,390	\$ 3,465
32	4 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1 (449)	CY	105	\$ 48,825	\$ 49,508	\$ 48,633	\$ 43,050	\$ 24,255
33	NON-TRACKING TACK COAT (APPLICATION RATE 0.1 GAL./S.Y.)	GAL	30	\$ 144	\$ 95	\$ 93	\$ 83	\$ 157
34	3" PAVEMENT PLANING	SY	8262	\$ 53,290	\$ 54,612	\$ 62,048	\$ 47,507	\$ 31,809
35	12" CEMENT STABILIZED BASE COURSE	SY	8262	\$ 59,900	\$ 70,310	\$ 69,070	\$ 66,096	\$ 81,794
36	CEMENT	TON	248	\$ 53,320	\$ 54,188	\$ 53,231	\$ 48,360	\$ 54,560

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37	CURING COAT	SY	8262	\$ 11,980	\$ 4,792	\$ 4,627	\$ 9,914	\$ 4,999
38	NON-TRACKING TACK COAT (APPLICATION RATE 0.1 GAL./S.Y.)	GAL	832	\$ 3,994	\$ 2,629	\$ 2,588	\$ 2,288	\$ 4,118
39	1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (449), PG64-22	CY	344	\$ 94,600	\$ 91,160	\$ 95,209	\$ 84,280	\$ 85,140
40	1 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1 (449)	CY	344	\$ 94,600	\$ 91,160	\$ 95,209	\$ 84,280	\$ 79,464
41	MANHOLE ADJUSTED TO GRADE (MR. MANHOLE)	EA	5	\$ 7,150	\$ 7,044	\$ 6,092	\$ 10,000	\$ 13,750
42	SIDEWALK REPLACEMENT (CONCRETE)	SF	173	\$ 3,936	\$ 1,642	\$ 3,908	\$ 2,076	\$ 4,758
43	CURB RAMP	EA	4	\$ 3,980	\$ 2,415	\$ 4,519	\$ 3,000	\$ 6,600
44	GRADING AND SEEDING	SY	147	\$ 3,675	\$ 845	\$ 1,552	\$ 1,029	\$ 323
45	TOPSOIL	CY	16	\$ 1,600	\$ 1,887	\$ 468	\$ 1,600	\$ 704
46	REPLACE CATCH BASIN	EA	1	\$ 2,500	\$ 1,406	\$ 1,788	\$ 2,500	\$ 3,850
47	REPLACE MANHOLE CHIMNEY	EA	1	\$ 675	\$ 1,406	\$ 1,218	\$ 1,000	\$ 1,100
48	6" CURED IN PLACE PIPE PRE-LINER	LF	50	\$ 60	\$ 58	\$ 74	\$ 50	\$ 47
49	8" CURED IN PLACE PIPE PRE-LINER	LF	100	\$ 120	\$ 115	\$ 192	\$ 100	\$ 110
50	12" CURED IN PLACE PIPE PRE LINER	LF	100	\$ 120	\$ 115	\$ 260	\$ 100	\$ 110
51	15" CURED IN PLACE PIPE PRE-LINER	LF	100	\$ 120	\$ 115	\$ 288	\$ 100	\$ 110
52	18" CURED IN PLACE PIPE PRE-LINER	LF	50	\$ 60	\$ 58	\$ 161	\$ 50	\$ 83
53	24" CURED IN PLACE PIPE PRE-LINER	LF	50	\$ 60	\$ 58	\$ 221	\$ 50	\$ 83
54	6" STORM CURED IN PLACE PIPE (4.5 MM MINIMUM THICKNESS)	LF	64	\$ 7,680	\$ 6,400	\$ 10,845	\$ 6,400	\$ 2,112
55	8" COMBINED CURED IN PLACE PIPE (4.5 MM MINIMUM THICKNESS)	LF	223	\$ 14,718	\$ 12,265	\$ 11,085	\$ 12,265	\$ 7,850
56	12" COMBINED CURED IN PLACE PIPE (6.0 MM MINIMUM THICKNESS)	LF	1230	\$ 103,320	\$ 86,100	\$ 75,030	\$ 86,100	\$ 64,944
57	15" COMBINED CURED IN PLACE PIPE (7.5 MM MINIMUM THICKNESS)	LF	977	\$ 117,240	\$ 97,700	\$ 79,469	\$ 97,700	\$ 64,482
58	18" STORM CURED IN PLACE PIPE (9.0 MM MINIMUM THICKNESS)	LF	80	\$ 15,360	\$ 12,800	\$ 15,364	\$ 12,800	\$ 6,336
59	24" STORM CURED IN PLACE PIPE (12.0 MM MINIMUM THICKNESS)	LF	101	\$ 21,210	\$ 17,675	\$ 22,820	\$ 17,675	\$ 10,666
60	6" STORM CURED IN PLACE PIPE LINER 1.5MM INCREMENTAL WALL THICKNESS INCREASE/DECREASE	LF	1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 138
61	8" COMBINED CURED IN PLACE PIPE LINER 1.5MM INCREMENTAL WALL THICKNESS INCREASE/DECREASE	LF	1	\$ 2	\$ 1	\$ 2	\$ 1	\$ 138
62	12" COMBINED CURED IN PLACE PIPE LINER 1.5MM INCREMENTAL WALL THICKNESS INCREASE/DECREASE	LF	1	\$ 2	\$ 2	\$ 3	\$ 2	\$ 138
63	15" COMBINED CURED IN PLACE PIPE LINER 1.5MM INCREMENTAL WALL THICKNESS INCREASE/DECREASE	LF	1	\$ 2	\$ 2	\$ 4	\$ 2	\$ 138
64	18" STORM CURED IN PLACE PIPE LINER 1.5MM INCREMENTAL WALL THICKNESS INCREASE/DECREASE	LF	1	\$ 2	\$ 2	\$ 5	\$ 2	\$ 138
65	24" STORM CURED IN PLACE PIPE LINER 1.5MM INCREMENTAL WALL THICKNESS INCREASE/DECREASE	LF	1	\$ 3	\$ 3	\$ 6	\$ 2	\$ 138
66	BYPASS PUMPING	LS	1	\$ 3,600	\$ 3,450	\$ 113	\$ 3,000	\$ 8,250
67	LATERAL SEWER RE-ESTABLISHED	EA	46	\$ 2,760	\$ 2,645	\$ 7,795	\$ 2,300	\$ 3,795
68	TRIMMING PROTRUDING LATERALS	EA	1	\$ 600	\$ 575	\$ 604	\$ 500	\$ 275
69	RE-CUT SANITARY LATERAL	EA	1	\$ 600	\$ 575	\$ 604	\$ 500	\$ 193
70	MAINLINE GROUTING	CF	25	\$ 6,000	\$ 5,911	\$ 14,121	\$ 5,000	\$ 4,125
71	4-INCH SEWER PIPE	LF	50	\$ 1,625	\$ 1,192	\$ 4,054	\$ 2,250	\$ 1,650
72	6-INCH SEWER PIPE	LF	50	\$ 1,683	\$ 1,395	\$ 4,349	\$ 2,400	\$ 2,200

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73	8-INCH SEWER PIPE	LF	50	\$ 2,375	\$ 1,688	\$ 4,939	\$ 2,600	\$ 2,750
74	10-INCH SEWER PIPE	LF	50	\$ 3,015	\$ 2,045	\$ 5,851	\$ 2,700	\$ 3,300
75	CONNECTION TO STRUCTURE - 4-INCH PIPE	EA	2	\$ 900	\$ 3,056	\$ 4,555	\$ 1,800	\$ 1,100
76	CONNECTION TO STRUCTURE - 6-INCH PIPE	EA	2	\$ 960	\$ 3,113	\$ 4,673	\$ 2,400	\$ 1,100
77	CONNECTION TO STRUCTURE - 8-INCH PIPE	EA	2	\$ 1,250	\$ 3,113	\$ 4,791	\$ 2,800	\$ 1,650
78	CONNECTION TO STRUCTURE - 10-INCH PIPE	EA	2	\$ 1,850	\$ 3,175	\$ 5,027	\$ 3,000	\$ 1,650
79	6" LATERAL CLEANOUT (OPEN CUT)	EA	52	\$ 43,680	\$ 44,122	\$ 57,472	\$ 52,000	\$ 68,640
80	6" LATERAL REPLACEMENT (TO THE RIGHT-OF-WAY LINE)	LF	1430	\$ 80,080	\$ 148,634	\$ 172,344	\$ 234,520	\$ 180,895
81	GRADING AND SEEDING	SY	429	\$ 10,725	\$ 2,467	\$ 3,175	\$ 3,003	\$ 944
82	TOPSOIL	CY	47	\$ 4,700	\$ 5,567	\$ 1,374	\$ 2,350	\$ 2,068
83	DRIVEWAY REPLACEMENT (CONCRETE TYPE A) (256)	CY	3	\$ 3,300	\$ 2,582	\$ 2,118	\$ 2,250	\$ 1,320
84	DRIVEWAY REPLACEMENT (ASPHALT TYPE B) (256)	CY	1	\$ 2,175	\$ 3,100	\$ 1,073	\$ 725	\$ 407
85	DRIVEWAY REPLACEMENT (GRAVEL TYPE C) (256)	CY	1	\$ 560	\$ 746	\$ 65	\$ 325	\$ 358
86	TEMPORARY PAVEMENT (FULL-DEPTH RECLAMATION AREAS)	CY	11	\$ 7,645	\$ 5,189	\$ 3,504	\$ 5,500	\$ 2,723
87	12" AGGREGATE BASE (PLANING AND OVERLAY AREAS)	CY	39	\$ 2,789	\$ 2,196	\$ 1,821	\$ 5,850	\$ 9,517
88	4 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1 (449) (PLANING AND OVERLAY AREAS)	CY	15	\$ 10,020	\$ 8,625	\$ 8,473	\$ 7,500	\$ 3,465
89	6" CURED IN PLACE PIPE TO THE RIGHT-OF-WAY LINE (4.5 MM MINIMUM THICKNESS UP TO 65' MAX LENGTH)	EA	52	\$ 384,800	\$ 343,850	\$ 314,045	\$ 371,800	\$ 371,800
89A	POST REHABILITATION CCTV (IN BETWEEN 6-MONTHS TO 1 YEAR POST REHABILITATION)	EA	52	\$ 33,800	\$ 29,900	\$ 20,560	\$ 26,000	\$ 28,600
90	6" LATERAL CLEANOUT (TRENCHLESS)	EA	52	\$ 218,400	\$ 209,300	\$ 167,772	\$ 260,000	\$ 114,400
91	6" POINT REPAIR (UP TO 8' LONG)	EA	1	\$ 7,000	\$ 6,997	\$ 4,010	\$ 4,500	\$ 8,800
92	LATERAL STATUS DETERMINATION	EA	1	\$ 1,200	\$ 1,150	\$ 565	\$ 1,000	\$ 358
93	LATERAL HEAVY CLEANING ALLOWANCE	Contengency		\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
94	6" LATERAL CLEANOUT (OPEN CUT)	EA	16	\$ 14,000	\$ 6,420	\$ 15,635	\$ 16,000	\$ 21,120
95	6" LATERAL REPLACEMENT (TO THE RIGHT-OF-WAY LINE)	LF	202	\$ 22,624	\$ 31,330	\$ 26,242	\$ 33,128	\$ 25,553
96	GRADING AND SEEDING	SY	94	\$ 2,350	\$ 541	\$ 643	\$ 940	\$ 207
97	TOPSOIL	CY	40	\$ 4,000	\$ 4,628	\$ 1,170	\$ 4,000	\$ 1,760
98	6" CURED IN PLACE PIPE TO THE RIGHT-OF-WAY LINE (4.5 MM MINIMUM THICKNESS UP TO 65' MAX LENGTH)	EA	36	\$ 266,400	\$ 238,050	\$ 249,666	\$ 257,400	\$ 257,400
98A	POST REHABILITATION CCTV (IN BETWEEN 6-MONTHS TO 1 YEAR POST REHABILITATION)	EA	36	\$ 23,400	\$ 20,700	\$ 14,234	\$ 18,000	\$ 19,800
99	6" LATERAL CLEANOUT (TRENCHLESS)	EA	36	\$ 151,200	\$ 144,900	\$ 126,073	\$ 180,000	\$ 79,200
100	LATERAL STATUS DETERMINATION	EA	1	\$ 1,200	\$ 1,150	\$ 565	\$ 1,000	\$ 358
101	LATERAL HEAVY CLEANING ALLOWANCE	Contengency		\$ 14,400	\$ 14,400	\$ 14,400	\$ 14,400	\$ 14,400
102	COMPACTION TESTING ALLOWANCE	Contengency		\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Informal Ttal of Bid Items 1 Through 88 & 102				\$1,834,307.20	\$1,886,980.34	\$1,701,229.81	\$2,196,097.15	\$1,715,892.00
Alternate I - Informal Total of Bid Items 1 Through 78, 89 Through 93, & 102				\$2,333,833.70	\$2,274,948.19	\$1,976,764.27	\$2,565,374.15	N/A
Alternate II - Informal Total of Bids Items 1 Through 78 & 94 through 102				\$2,168,207.70	\$2,125,870.23	\$1,898,439.36	\$2,406,942.15	N/A