

Harvard Ave Waterline Replacement (TAG 602)

Bid Opening:

Engineer's Estimate **\$1,469,000.00**

(1) Bid Item	(2) ODOT Item	(2B) Description	(3) Qty	(4) Unit	Eng. Unit Price	Eng. Total Price	Wenger Excavating				H.M. Miller						
							(5) Labor	(6) Material	(7=5+6) Total Unit Price	(8=3x7) Total Amount	(5) Labor	(6) Material	(7=5+6) Total Unit Price	(8=3x7) Total Amount			
Roadway																	
1	301	6" ASPHALT CONCRETE BASE, PG 64-22	765	CY	\$200.00	\$153,000.00	\$126.20	\$122.40	\$248.60	\$190,179.00	\$126.00	\$120.00	\$246.00	\$188,190.00			
2	304	6" AGGREGATE BASE	530	CY	\$50.00	\$26,500.00	\$14.20	\$48.60	\$62.80	\$33,284.00	\$7.00	\$79.00	\$86.00	\$45,580.00			
3	407	TACK COAT (0.075 GAL/SY)	475	GAL	\$5.05	\$2,400.00	\$1.40	\$1.80	\$3.20	\$1,520.00	\$0.25	\$2.75	\$3.00	\$1,425.00			
5	441	1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG 64-28	277	CY	\$250.00	\$69,250.00	\$161.80	\$153.70	\$315.50	\$87,393.50	\$160.00	\$152.00	\$312.00	\$86,424.00			
6	653	4" TOPSOIL FURNISHED AND PLACED	1	LUMP	\$4,000.00	\$4,000.00	\$1,988.00	\$2,214.00	\$4,202.00	\$4,202.00	\$11.00	\$6,589.00	\$6,600.00	\$6,600.00			
7	659	SEEDING AND MULCHING	1	LUMP	\$4,000.00	\$4,000.00	\$1,177.00	\$1,717.00	\$2,894.00	\$2,894.00	\$5,110.00	\$1,000.00	\$6,110.00	\$6,110.00			
Water Work																	
8	638	EX. HYDRANT REMOVED AND PLUG TEE, AS PER PLAN	5	EACH	\$600.00	\$3,000.00	\$427.00	\$24.00	\$451.00	\$2,255.00	\$320.00	\$363.00	\$683.00	\$3,415.00			
9	638	EX. VALVE ABANDONED, AS PER PLAN	22	EACH	\$300.00	\$6,600.00	\$169.00	\$18.00	\$187.00	\$4,114.00	\$151.00	\$50.00	\$201.00	\$4,422.00			
10	638	1" WATER SERVICE, COMPLETE, SHORT SIDE	63	EACH	\$1,600.00	\$100,800.00	\$655.00	\$1,382.00	\$2,037.00	\$128,331.00	\$1,147.00	\$800.00	\$1,947.00	\$122,661.00			
11	638	1" WATER SERVICE, COMPLETE, LONG SIDE	45	EACH	\$2,500.00	\$112,500.00	\$994.00	\$1,422.00	\$2,416.00	\$108,720.00	\$1,481.00	\$800.00	\$2,281.00	\$102,645.00			
12	638	1" WATER SERVICE, COMPLETE, LONG SIDE (OPEN CUT), AS DIRECTED	1	EACH	\$4,000.00	\$4,000.00	\$994.00	\$1,422.00	\$2,416.00	\$2,416.00	\$3,687.00	\$1,250.00	\$4,937.00	\$4,937.00			
13	638	2" WATERLINE, POLYETHYLENE WITH FITTINGS	446	LF	\$34.98	\$15,600.00	\$25.20	\$28.60	\$53.80	\$23,994.80	\$24.00	\$4.00	\$28.00	\$12,488.00			
14	638	2" CURB VALVE AND VALVE BOX, COMPLETE	2	EACH	\$700.00	\$1,400.00	\$327.00	\$908.00	\$1,235.00	\$2,470.00	\$0.00	\$825.00	\$825.00	\$1,650.00			
15	638	6" WATER MAIN, DIP, CLASS 52	5443	LF	\$95.00	\$517,100.00	\$29.20	\$60.40	\$89.60	\$487,692.80	\$49.00	\$46.00	\$95.00	\$517,085.00			
16	638	8" WATER MAIN, DIP, CLASS 52	1621	LF	\$110.00	\$178,310.00	\$30.80	\$64.60	\$95.40	\$154,643.40	\$59.00	\$56.00	\$115.00	\$186,415.00			
17	638	6" GATE VALVE AND VALVE BOX, COMPLETE	19	EACH	\$1,500.00	\$28,500.00	\$477.00	\$1,549.00	\$2,026.00	\$38,494.00	\$0.00	\$1,360.00	\$1,360.00	\$25,840.00			
18	638	6" 45° BEND	27	EACH	\$400.00	\$10,800.00	\$112.00	\$278.00	\$390.00	\$10,530.00	\$0.00	\$380.00	\$380.00	\$10,260.00			
19	638	6" 22.5° BEND	3	EACH	\$400.00	\$1,200.00	\$112.00	\$276.00	\$388.00	\$1,164.00	\$0.00	\$427.00	\$427.00	\$1,281.00			
20	638	6" 11.25° BEND	17	EACH	\$400.00	\$6,800.00	\$112.00	\$269.00	\$381.00	\$6,477.00	\$0.00	\$378.00	\$378.00	\$6,426.00			
21	638	6" PLUG (CUT AND CAP)	11	EACH	\$400.00	\$4,400.00	\$121.00	\$243.00	\$364.00	\$4,004.00	\$320.00	\$162.00	\$482.00	\$5,302.00			
22	638	6"x6" TEE	7	EACH	\$600.00	\$4,200.00	\$244.00	\$766.00	\$1,010.00	\$7,070.00	\$0.00	\$543.00	\$543.00	\$3,801.00			
23	638	6"x6" CROSS	1	EACH	\$1,000.00	\$1,000.00	\$338.00	\$766.00	\$1,104.00	\$1,104.00	\$0.00	\$500.00	\$500.00	\$500.00			
24	638	6" CUT-IN SLEEVE	10	EACH	\$500.00	\$5,000.00	\$544.00	\$629.00	\$1,173.00	\$11,730.00	\$0.00	\$250.00	\$250.00	\$2,500.00			
25	638	8" GATE VALVE AND VALVE BOX, COMPLETE	6	EACH	\$2,000.00	\$12,000.00	\$501.00	\$1,879.00	\$2,380.00	\$14,280.00	\$0.00	\$1,740.00	\$1,740.00	\$10,440.00			
26	638	8" 45° BEND	14	EACH	\$500.00	\$7,000.00	\$176.00	\$354.00	\$530.00	\$7,420.00	\$0.00	\$475.00	\$475.00	\$6,650.00			
27	638	8" PLUG (CUT AND CAP)	3	EACH	\$500.00	\$1,500.00	\$211.00	\$387.00	\$598.00	\$1,794.00	\$312.00	\$250.00	\$562.00	\$1,686.00			
28	638	8"x6" TEE	3	EACH	\$800.00	\$2,400.00	\$298.00	\$709.00	\$1,007.00	\$3,021.00	\$0.00	\$717.00	\$717.00	\$2,151.00			
29	638	8"x8" TEE	2	EACH	\$1,000.00	\$2,000.00	\$309.00	\$744.00	\$1,053.00	\$2,106.00	\$0.00	\$818.00	\$818.00	\$1,636.00			
30	638	8" CUT-IN SLEEVE	4	EACH	\$800.00	\$3,200.00	\$592.00	\$744.00	\$1,336.00	\$5,344.00	\$0.00	\$350.00	\$350.00	\$1,400.00			
31	638	HYDRANT ASSEMBLY, COMPLETE	10	EACH	\$7,500.00	\$75,000.00	\$984.00	\$5,187.00	\$6,171.00	\$61,710.00	\$1,439.00	\$5,245.00	\$6,684.00	\$66,840.00			
Incidentals																	
32	614	MAINTAINING TRAFFIC, COMPLETE	1	LUMP	\$15,000.00	\$15,000.00	\$10,207.00	\$15,662.00	\$25,869.00	\$25,869.00	\$4,947.00	\$0.00	\$4,947.00	\$4,947.00			
33	623	CONSTRUCTION LAYOUT STAKES	1	LUMP	\$12,000.00	\$12,000.00	\$2,524.00	\$2,766.00	\$5,290.00	\$5,290.00	\$28,000.00	\$2,000.00	\$30,000.00	\$30,000.00			
34	624	MOBILIZATION	1	LUMP	\$7,000.00	\$7,000.00	\$17,024.00	\$19,783.00	\$36,807.00	\$36,807.00	\$59,128.00	\$59,128.00	\$118,256.00	\$118,256.00			
35	832	EROSION CONTROL, COMPLETE	1	LUMP	\$7,000.00	\$7,000.00	\$10,784.00	\$15,092.00	\$25,876.00	\$25,876.00	\$4,987.00	\$1,050.00	\$6,037.00	\$6,037.00			
36	201	TREE REMOVED, GREATER THAN 24" DIAMETER IN SIZE	8	EACH	\$500.00	\$4,000.00	\$648.00	\$33.00	\$681.00	\$5,448.00	\$900.00	\$0.00	\$900.00	\$7,200.00			
37	201	TREE REMOVED, LESS THAN 24" DIAMETER IN SIZE	5	EACH	\$300.00	\$1,500.00	\$411.00	\$27.00	\$438.00	\$2,190.00	\$600.00	\$0.00	\$600.00	\$3,000.00			
38	201	STUMP REMOVED, GREATER THAN 24" DIAMETER IN SIZE	8	EACH	\$200.00	\$1,600.00	\$502.00	\$25.00	\$527.00	\$4,216.00	\$250.00	\$0.00	\$250.00	\$2,000.00			
39	201	STUMP REMOVED, LESS THAN 24" DIAMETER IN SIZE	5	EACH	\$160.00	\$800.00	\$379.00	\$22.00	\$401.00	\$2,005.00	\$200.00	\$0.00	\$200.00	\$1,000.00			
						*TOTAL =	\$1,412,360.00	CALCULATED TOTAL:				\$1,518,058.50	CALCULATED TOTAL:				\$1,609,200.00
								WRITTEN TOTAL:				\$1,518,058.50	WRITTEN TOTAL:				\$1,609,200.00
*Engineer's total is different due to Addendum.																	