

### 34th Street Area Watermain Replacement

Bid Opening: 6/13/23

Engineer's Estimate: \$2,452,025.00

(1) Bid Item	(2) ODOT Item	(2B) Description	(3) Qty	(4) Unit	Eng. Unit Price	Eng. Total Price	Wenger Excavating				Karvo					
							(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		
<b>Roadway</b>																
1	201	Clearing and Grubbing	1	LS	\$6,000.00	\$6,000.00	\$2,754.00	\$0.00	\$2,754.00	\$2,754.00	\$2,000.00	\$2,000.00	\$4,000.00	\$4,000.00		
2	201	Tree Removed, 18-24" Size	3	EACH	\$500.00	\$1,500.00	\$1,176.00	\$0.00	\$1,176.00	\$3,528.00	\$900.00	\$900.00	\$1,800.00	\$5,400.00		
3	201	Tree Removed, 30-36" Size	5	EACH	\$1,000.00	\$5,000.00	\$2,979.00	\$0.00	\$2,979.00	\$14,895.00	\$1,200.00	\$1,200.00	\$2,400.00	\$12,000.00		
4	204	Subgrade Compaction	151	SY	\$3.00	\$453.00	\$4.80	\$0.00	\$4.80	\$724.80	\$4.00	\$5.00	\$9.00	\$1,359.00		
5	254	Pavement Planing	25895	SY	\$4.00	\$103,580.00	\$4.20	\$0.00	\$4.20	\$108,759.00	\$2.30	\$0.00	\$2.30	\$59,558.50		
6	653	4" Topsoil Furnished and Placed	1	LS	\$3,000.00	\$3,000.00	\$4,434.00	\$5,702.00	\$10,136.00	\$10,136.00	\$890.00	\$3,000.00	\$3,890.00	\$3,890.00		
7	659	Seeding and Mulching	1	LS	\$6,000.00	\$6,000.00	\$6,721.00	\$7,984.00	\$14,705.00	\$14,705.00	\$5,500.00	\$10,000.00	\$15,500.00	\$15,500.00		
8	301	Asphalt Concrete Base, PG 64-22	902	CY	\$200.00	\$180,400.00	\$26.40	\$172.60	\$199.00	\$179,498.00	\$48.50	\$140.00	\$188.50	\$170,227.00		
9	304	Aggregate Base	722	CY	\$60.00	\$43,320.00	\$12.60	\$49.80	\$62.40	\$45,052.80	\$20.00	\$28.00	\$48.00	\$34,656.00		
10	407	Tack Coat	3884	GAL	\$3.00	\$11,652.00	\$1.10	\$3.00	\$4.10	\$15,924.40	\$1.00	\$1.75	\$2.75	\$10,681.00		
11	441	Asphalt Concrete Surface Course, Type 1, PG 70-22M	1079	CY	\$300.00	\$323,700.00	\$30.80	\$190.90	\$221.70	\$239,214.30	\$13.00	\$200.00	\$213.00	\$229,827.00		
12	441	Asphalt Concrete Intermediate Course, Type 1 (448)	1079	CY	\$300.00	\$323,700.00	\$26.80	\$184.00	\$210.80	\$227,453.20	\$20.00	\$170.00	\$190.00	\$205,010.00		
13	452	Non-Reinforced Concrete Pavement (Drive Apron) (MS Concrete) - 6"	151	SY	\$100.00	\$15,100.00	\$39.80	\$44.80	\$84.60	\$12,774.60	\$100.00	\$34.00	\$134.00	\$20,234.00		
14	608	Concrete Walk	2162	SF	\$10.00	\$21,620.00	\$3.20	\$3.60	\$6.80	\$14,701.60	\$4.00	\$4.00	\$8.00	\$17,296.00		
15	609	Curb, Type 6	60	LF	\$40.00	\$2,400.00	\$11.80	\$36.40	\$48.20	\$2,892.00	\$60.00	\$10.00	\$70.00	\$4,200.00		
16	608	Curb Ramp Replacement Including Concrete and Truncated Domes	5	EACH	\$1,500.00	\$7,500.00	\$564.00	\$977.00	\$1,541.00	\$7,705.00	\$600.00	\$600.00	\$1,200.00	\$6,000.00		
<b>Water Work</b>																
17	638	8" Water Main, DIP, Class 52, Push-On Joints and Fittings	1220	LF	\$100.00	\$122,000.00	\$33.20	\$69.90	\$103.10	\$125,782.00	\$30.00	\$100.00	\$130.00	\$158,600.00		
18	638	6" Water Main, DIP, Class 52, Push-On Joints and Fittings	7120	LF	\$90.00	\$640,800.00	\$27.40	\$69.40	\$96.80	\$689,216.00	\$36.50	\$70.00	\$106.50	\$758,280.00		
19	638	2" Polyethylene Service Branch	240	LF	\$60.00	\$14,400.00	\$22.20	\$33.40	\$55.60	\$13,344.00	\$20.00	\$20.00	\$40.00	\$9,600.00		
20	638	8" Gate Valve and Valve Box, Complete	5	EACH	\$1,900.00	\$9,500.00	\$448.00	\$2,121.00	\$2,569.00	\$12,845.00	\$200.00	\$3,000.00	\$3,200.00	\$16,000.00		
21	638	6" Gate Valve and Valve Box, Complete	18	EACH	\$1,750.00	\$31,500.00	\$336.00	\$1,549.00	\$1,885.00	\$33,930.00	\$200.00	\$1,550.00	\$1,750.00	\$31,500.00		
22	638	Hydrant Assembly, Complete	16	EACH	\$5,500.00	\$88,000.00	\$879.00	\$6,232.00	\$7,111.00	\$113,776.00	\$500.00	\$7,000.00	\$7,500.00	\$120,000.00		
23	638	Ex. Hydrant Removed, As Per Plan	12	EACH	\$500.00	\$6,000.00	\$594.00	\$24.00	\$618.00	\$7,416.00	\$200.00	\$200.00	\$400.00	\$4,800.00		
24	638	Ex. Valve Abandoned, As Per Plan	17	EACH	\$600.00	\$10,200.00	\$211.00	\$22.00	\$233.00	\$3,961.00	\$200.00	\$200.00	\$400.00	\$6,800.00		
25	638	Connect New Watermain to Existing Watermain	13	EACH	\$4,000.00	\$52,000.00	\$796.00	\$768.00	\$1,564.00	\$20,332.00	\$2,000.00	\$1,700.00	\$3,700.00	\$48,100.00		
26	638	1" Service, Complete, Long Side (Open Cut), As Directed	1	EACH	\$3,000.00	\$3,000.00	\$773.00	\$1,542.00	\$2,315.00	\$2,315.00	\$4,000.00	\$2,750.00	\$6,750.00	\$6,750.00		
27	638	1" Service, Complete, Long Side	105	EACH	\$1,500.00	\$157,500.00	\$773.00	\$1,542.00	\$2,315.00	\$243,075.00	\$800.00	\$2,000.00	\$2,800.00	\$294,000.00		
28	638	1" Service, Complete, Short Side	106	EACH	\$1,200.00	\$127,200.00	\$518.00	\$998.00	\$1,516.00	\$160,696.00	\$1,200.00	\$1,000.00	\$2,200.00	\$233,200.00		
29	638	8"x8"x6" Tee	6	EACH	\$900.00	\$5,400.00	\$359.00	\$769.00	\$1,128.00	\$6,768.00	\$100.00	\$900.00	\$1,000.00	\$6,000.00		
30	638	6"x6"x6" Tee	2	EACH	\$900.00	\$1,800.00	\$332.00	\$726.00	\$1,058.00	\$2,116.00	\$150.00	\$500.00	\$650.00	\$1,300.00		
31	638	8"x6" Cross	1	EACH	\$1,100.00	\$1,100.00	\$432.00	\$903.00	\$1,335.00	\$1,335.00	\$200.00	\$1,000.00	\$1,200.00	\$1,200.00		
32	638	6" - 11.25° Bend	2	EACH	\$400.00	\$800.00	\$88.00	\$263.00	\$351.00	\$702.00	\$75.00	\$400.00	\$475.00	\$950.00		
33	638	6" - 22.5° Bend	1	EACH	\$400.00	\$400.00	\$88.00	\$263.00	\$351.00	\$351.00	\$50.00	\$400.00	\$450.00	\$450.00		
34	638	6" - 45° Bend	24	EACH	\$400.00	\$9,600.00	\$88.00	\$263.00	\$351.00	\$8,424.00	\$75.00	\$400.00	\$475.00	\$11,400.00		
35	638	6" Plug w/ 2" Tap	1	EACH	\$1,500.00	\$1,500.00	\$99.00	\$159.00	\$258.00	\$258.00	\$50.00	\$700.00	\$750.00	\$750.00		
36	638	6" Plug	6	EACH	\$400.00	\$2,400.00	\$99.00	\$159.00	\$258.00	\$1,548.00	\$80.00	\$140.00	\$220.00	\$1,320.00		
37	638	8" Plug	5	EACH	\$600.00	\$3,000.00	\$139.00	\$197.00	\$336.00	\$1,680.00	\$80.00	\$220.00	\$300.00	\$1,500.00		
38	638	8" - 45° Bend	10	EACH	\$500.00	\$5,000.00	\$111.00	\$362.00	\$473.00	\$4,730.00	\$50.00	\$550.00	\$600.00	\$6,000.00		
39	638	2" Blowoff Assembly, Complete	1	EACH	\$2,000.00	\$2,000.00	\$302.00	\$1,548.00	\$1,850.00	\$1,850.00	\$300.00	\$1,000.00	\$1,300.00	\$1,300.00		
40	638	2" Valve and Box	1	EACH	\$1,000.00	\$1,000.00	\$294.00	\$898.00	\$1,192.00	\$1,192.00	\$100.00	\$300.00	\$400.00	\$400.00		
<b>Incidentals</b>																
41	207	Erosion Control, Complete	1	LS	\$6,000.00	\$6,000.00	\$17,989.00	\$25,446.00	\$43,435.00	\$43,435.00	\$1,000.00	\$2,200.00	\$3,200.00	\$3,200.00		
42	614	Maintaining Traffic, Complete	1	LS	\$40,000.00	\$40,000.00	\$32,407.00	\$14,333.00	\$46,740.00	\$46,740.00	\$35,000.00	\$0.00	\$35,000.00	\$35,000.00		
43	623	Construction Layout Stakes	1	LS	\$15,000.00	\$15,000.00	\$3,989.00	\$478.00	\$4,467.00	\$4,467.00	\$6,460.00	\$10,000.00	\$16,460.00	\$16,460.00		
44	624	Mobilization	1	LS	\$40,000.00	\$40,000.00	\$22,201.00	\$18,247.00	\$40,448.00	\$40,448.00	\$70,000.00	\$0.00	\$70,000.00	\$70,000.00		
					<b>TOTAL =</b>	<b>\$2,452,025.00</b>	<b>CALCULATED TOTAL:</b>				<b>\$2,493,449.70</b>	<b>CALCULATED TOTAL:</b>				<b>\$2,644,498.50</b>
							<b>WRITTEN TOTAL:</b>				<b>\$2,493,449.70</b>	<b>WRITTEN TOTAL:</b>				<b>\$2,644,498.50</b>