

City of Canton Water Department  
**Avondale Area Phase II Water Main Replacement Project**  
 Bid Opening: May 22, 2018

Engineer's Estimate: Alternate 'A' = \$1,673,611.00  
 Alternate 'B' = \$1,777,211.00

(1) Bid Item	(2) ODOT Item	(2B) Description	(3) Qty	(4) Unit	WENGER EXCAVATING INC			HM MILLER CONSTRUCTION CO.			CENTRAL ALLIED ENTERPRISES INC			KARVO COMPANIES INC			LOCKHART CONCRETE CO.										
					(5) Labor	(6) Material	(7-5+6) Total	(5) Labor	(6) Material	(7-5+6) Total	(8-3x7) Total	(5) Labor	(6) Material	(7-5+6) Total	(8-3x7) Total	(5) Labor	(6) Material	(7-5+6) Total	(8-3x7) Total	Written Amount	(5) Labor	(6) Material	(7-5+6) Total	(8-3x7) Total	Written Amount		
1	201	Cleaning and Gubbing	1	Lump	\$4,234.00	\$0.00	\$4,234.00	\$100.00	\$100.00	\$200.00	\$200.00	\$50,000.00	\$30,000.00	\$90,000.00	\$80,000.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00	\$2,500.00	\$2,000.00	\$4,500.00	\$4,500.00	\$2,000.00	\$4,500.00	\$2,000.00	
2	202	Curb and Gutter Removal	35	Foot	\$4.50	\$0.00	\$4.50	\$2.50	\$2.50	\$5.00	\$175.00	\$20.00	\$14.00	\$34.00	\$8.00	\$0.00	\$8.00	\$280.00	\$280.00	\$5.00	\$5.00	\$10.00	\$10.00	\$5.00	\$10.00	\$5.00	
3	301	Asphalt Concrete Base, PG 64-22	1179	C.Y.	\$21.40	\$88.60	\$110.00	\$100.00	\$155.00	\$255.00	\$300,645.00	\$65.00	\$100.00	\$165.00	\$194,435.00	\$100.00	\$100.00	\$200.00	\$225,800.00	\$225,800.00	\$150.00	\$100.00	\$250.00	\$250.00	\$204,750.00	\$204,750.00	
4	304	Aggregate Base	553	C.Y.	\$8.40	\$46.80	\$55.20	\$15.00	\$20.00	\$35.00	\$19,355.00	\$18.00	\$25.00	\$43.00	\$23,779.00	\$37.50	\$37.50	\$75.00	\$41,475.00	\$41,475.00	\$25.00	\$20.00	\$45.00	\$45.00	\$24,865.00	\$24,865.00	
5	407	Tack Coat (0.15 Gal./S.Y.)	322	Gal	\$1.20	\$1.10	\$2.30	\$1.50	\$1.00	\$2.50	\$805.00	\$0.55	\$2.00	\$2.55	\$821.10	\$1.25	\$1.25	\$2.50	\$905.00	\$905.00	\$3.00	\$2.00	\$5.00	\$5.00	\$1,610.00	\$1,610.00	
6	448	Asphalt Concrete Surface Course, Type 1, PG 64-28	91	C.Y.	\$28.80	\$172.80	\$199.60	\$150.00	\$210.00	\$360.00	\$32,780.00	\$0.55	\$2.00	\$2.55	\$27,300.00	\$292.50	\$292.50	\$585.00	\$53,235.00	\$53,235.00	\$147.50	\$147.50	\$295.00	\$295.00	\$26,845.00	\$26,845.00	
7	452	Non-Reinforced Concrete Pavement (Drive Apron)	31	S.Y.	\$32.20	\$33.00	\$65.20	\$38.00	\$25.00	\$63.00	\$1,953.00	\$4.00	\$80.00	\$84.00	\$3,782.00	\$37.50	\$37.50	\$75.00	\$2,325.00	\$2,325.00	\$40.00	\$30.00	\$70.00	\$70.00	\$2,170.00	\$2,170.00	
8	609	Combination Curb and Gutter, Type 2	35	Foot	\$19.80	\$33.40	\$53.00	\$20.00	\$15.00	\$35.00	\$1,225.00	\$20.35	\$26.00	\$46.35	\$1,622.25	\$25.00	\$25.00	\$50.00	\$1,750.00	\$1,750.00	\$30.00	\$20.00	\$50.00	\$50.00	\$46,400.00	\$46,400.00	
9	653	4" Topsoil Fum Shred and Placed	1	Lump	\$2,659.00	\$5,584.00	\$8,223.00	\$8,000.00	\$8,750.00	\$16,750.00	\$16,750.00	\$12,000.00	\$19,000.00	\$31,000.00	\$4,000.00	\$4,000.00	\$8,000.00	\$8,000.00	\$32,000.00	\$32,000.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	
10	659	Seeding and Mulching	1	Lump	\$10,724.00	\$13,224.00	\$23,948.00	\$5,000.00	\$6,150.00	\$11,150.00	\$11,150.00	\$7,000.00	\$12,000.00	\$19,000.00	\$19,000.00	\$4,000.00	\$4,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
11	SPCL	Asphalt Curb Removed and Replaced (Contingency Item)	1730	Foot	\$2.40	\$4.20	\$6.60	\$5.00	\$8.00	\$13.00	\$22,490.00	\$7.00	\$10.00	\$17.00	\$29,410.00	\$3.87	\$3.98	\$7.85	\$13,407.50	\$13,407.50	\$8.00	\$7.00	\$15.00	\$15.00	\$25,950.00	\$25,950.00	
Water Work																											
12	638	2" Blow-Off Assembly	1	Each	\$378.00	\$688.00	\$1,076.00	\$500.00	\$750.00	\$1,250.00	\$1,250.00	\$500.00	\$765.00	\$1,265.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$1,000.00	\$2,000.00	
13	638	1" Polyethylene Service Branch w/ fittings, Curb Valve and Roadway/Box, Complete	4025	Foot	\$14.70	\$14.80	\$29.50	\$30.00	\$7.00	\$37.00	\$148,925.00	\$17.00	\$20.00	\$37.00	\$148,925.00	\$31.00	\$31.00	\$62.00	\$249,550.00	\$249,550.00	\$5.00	\$5.00	\$10.00	\$10.00	\$40,250.00	\$40,250.00	
14	638	16" x 8" Tapping Sleeve	1	Each	\$1,589.00	\$3,782.00	\$5,361.00	\$2,000.00	\$2,260.00	\$4,260.00	\$4,260.00	\$2,360.00	\$3,000.00	\$5,360.00	\$5,360.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$1,500.00	\$1,000.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00
15	638	2" Tap Including Corp. Stop, As Per Plan	1	Each	\$307.00	\$321.00	\$628.00	\$250.00	\$350.00	\$600.00	\$600.00	\$400.00	\$520.00	\$920.00	\$920.00	\$300.00	\$300.00	\$600.00	\$600.00	\$600.00	\$600.00	\$500.00	\$900.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
16	638	2" Polyethylene Service Branch	234	Foot	\$15.20	\$16.90	\$32.10	\$25.00	\$10.50	\$35.50	\$8,307.00	\$7.00	\$10.00	\$17.00	\$3,978.00	\$17.50	\$17.50	\$35.00	\$5,190.00	\$5,190.00	\$6.00	\$6.00	\$12.00	\$12.00	\$2,808.00	\$2,808.00	
17	638	2" Curb Valve	1	Each	\$284.00	\$377.00	\$661.00	\$250.00	\$250.00	\$500.00	\$500.00	\$360.00	\$500.00	\$860.00	\$860.00	\$215.00	\$215.00	\$430.00	\$430.00	\$430.00	\$430.00	\$170.00	\$170.00	\$340.00	\$340.00	\$340.00	\$340.00
18	638	8" x 8" Tee	2	Each	\$204.00	\$506.00	\$710.00	\$135.00	\$250.00	\$385.00	\$770.00	\$300.00	\$310.00	\$610.00	\$610.00	\$187.50	\$187.50	\$375.00	\$750.00	\$750.00	\$165.00	\$100.00	\$265.00	\$265.00	\$50.00	\$50.00	
19	638	8" x 6" Tee	3	Each	\$202.00	\$478.00	\$680.00	\$135.00	\$185.00	\$320.00	\$960.00	\$220.00	\$300.00	\$520.00	\$520.00	\$187.50	\$187.50	\$375.00	\$1,125.00	\$1,125.00	\$143.00	\$143.00	\$286.00	\$286.00	\$899.00	\$899.00	
20	638	8" x 6" Cross	2	Each	\$244.00	\$611.00	\$855.00	\$175.00	\$250.00	\$425.00	\$850.00	\$220.00	\$330.00	\$550.00	\$550.00	\$200.00	\$200.00	\$400.00	\$800.00	\$800.00	\$205.00	\$205.00	\$410.00	\$410.00	\$820.00	\$820.00	
21	638	8" x 6" Cross	1	Each	\$250.00	\$632.00	\$882.00	\$175.00	\$275.00	\$450.00	\$450.00	\$160.00	\$400.00	\$560.00	\$560.00	\$225.00	\$225.00	\$450.00	\$450.00	\$450.00	\$450.00	\$190.00	\$190.00	\$380.00	\$380.00	\$380.00	\$380.00
22	638	8" - 11.25" Band	4	Each	\$102.00	\$200.00	\$302.00	\$110.00	\$135.00	\$245.00	\$680.00	\$170.00	\$200.00	\$370.00	\$370.00	\$142.50	\$142.50	\$285.00	\$1,140.00	\$1,140.00	\$90.00	\$80.00	\$160.00	\$160.00	\$640.00	\$640.00	
23	638	8" - 22.5" Band	5	Each	\$100.00	\$200.00	\$300.00	\$110.00	\$140.00	\$250.00	\$1,250.00	\$175.00	\$200.00	\$375.00	\$375.00	\$145.00	\$145.00	\$290.00	\$1,165.00	\$1,165.00	\$100.00	\$94.00	\$194.00	\$194.00	\$766.00	\$766.00	
24	638	8" - 45" Band	9	Each	\$108.00	\$207.00	\$315.00	\$110.00	\$140.00	\$250.00	\$2,250.00	\$175.00	\$200.00	\$375.00	\$375.00	\$145.00	\$145.00	\$290.00	\$2,610.00	\$2,610.00	\$55.00	\$50.00	\$105.00	\$105.00	\$405.00	\$405.00	
25	638	8" Plug	5	Each	\$112.00	\$221.00	\$333.00	\$70.00	\$72.00	\$142.00	\$725.00	\$195.00	\$200.00	\$395.00	\$395.00	\$137.50	\$137.50	\$275.00	\$1,375.00	\$1,375.00	\$75.00	\$70.00	\$145.00	\$145.00	\$525.00	\$525.00	
26	638	8" Gate Valve and Valve Box, Complete	18	Each	\$317.00	\$1,298.00	\$1,615.00	\$150.00	\$935.00	\$1,085.00	\$19,530.00	\$625.00	\$900.00	\$1,525.00	\$27,450.00	\$550.00	\$550.00	\$1,100.00	\$19,800.00	\$19,800.00	\$500.00	\$400.00	\$900.00	\$900.00	\$27,000.00	\$27,000.00	
27	638	6" Gate Valve and Valve Box, Complete	13	Each	\$314.00	\$1,004.00	\$1,318.00	\$125.00	\$630.00	\$755.00	\$9,815.00	\$470.00	\$700.00	\$1,170.00	\$15,210.00	\$380.00	\$380.00	\$760.00	\$9,880.00	\$9,880.00	\$75.00	\$75.00	\$150.00	\$150.00	\$4,500.00	\$4,500.00	
28	638	6" - 11.25" Band	8	Each	\$89.00	\$171.00	\$260.00	\$85.00	\$105.00	\$190.00	\$1,520.00	\$145.00	\$200.00	\$345.00	\$2,760.00	\$117.50	\$117.50	\$235.00	\$1,880.00	\$1,880.00	\$75.00	\$75.00	\$150.00	\$150.00	\$4,500.00	\$4,500.00	
29	638	6" - 22.5" Band	12	Each	\$99.00	\$178.00	\$277.00	\$85.00	\$105.00	\$190.00	\$2,280.00	\$155.00	\$200.00	\$350.00	\$4,280.00	\$117.50	\$117.50	\$235.00	\$3,525.00	\$3,525.00	\$90.00	\$75.00	\$165.00	\$165.00	\$2,475.00	\$2,475.00	
30	638	6" - 45" Band	15	Each	\$100.00	\$179.00	\$279.00	\$85.00	\$105.00	\$190.00	\$2,850.00	\$150.00	\$200.00	\$350.00	\$5,250.00	\$117.50	\$117.50	\$235.00	\$1,200.00	\$1,200.00	\$40.00	\$40.00	\$80.00	\$80.00	\$480.00	\$480.00	
31	638	6" Plug	6	Each	\$109.00	\$196.00	\$305.00	\$70.00	\$50.00	\$120.00	\$390.00	\$185.00	\$200.00	\$385.00	\$1,155.00	\$87.50	\$87.50	\$175.00	\$525.00	\$525.00	\$65.00	\$65.00	\$130.00	\$130.00	\$510.00	\$510.00	
32	638	6" x 6" Reducer	3	Each	\$144.00	\$196.00	\$340.00	\$50.00	\$80.00	\$130.00	\$390.00	\$185.00	\$200.00	\$385.00	\$1,155.00	\$87.50	\$87.50	\$175.00	\$525.00	\$525.00	\$65.00	\$65.00	\$130.00	\$130.00	\$510.00	\$510.00	
33	638	Hydrant Assembly, Complete	20	Each	\$879.00	\$4,024.00	\$4,903.00	\$1,450.00	\$2,935.00	\$4,385.00	\$87,700.00	\$1,500.00	\$2,700.00	\$4,200.00	\$84,000.00	\$2,375.00	\$2,375.00	\$4,750.00	\$95,000.00	\$95,000.00	\$2,850.00	\$2,850.00	\$5,700.00	\$5,700.00	\$114,000.00	\$114,000.00	
34	638	Connect New Water-Main to Existing Water Main	4	Each	\$879.00	\$446.00	\$1,325.00	\$2,500.00	\$2,85.00	\$2,65.00	\$11,080.00	\$2,000.00	\$2,800.00	\$4,800.00	\$18,320.00	\$997.50	\$997.50	\$1,995.00	\$7,980.00	\$7,980.00	\$1,250.00	\$1,250.00	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00	
35	638	Ex Hydrant Removed, As Per Plan	9	Each	\$476.00	\$102.00	\$578.00	\$150.00	\$75.00	\$225.00	\$5,202.00	\$175.00	\$200.00	\$375.00	\$3,375.00	\$477.50	\$477.50	\$955.00	\$8,585.00	\$8,585.00	\$300.00	\$200.00	\$500.00	\$500.00	\$4,500.00	\$4,500.00	
36	638	Ex Valve Abandoned, As Per Plan	28	Each	\$88.00	\$46.00	\$134.00	\$25.00	\$25.00	\$50.00	\$1,400.00	\$200.00	\$250.00	\$450.00	\$1,200.00	\$2,100.00	\$2,100.00	\$4,200.00	\$8,								