

STA-RIDGEWOOD EAST PHASE 2 - WATERMAIN REPLACEMENT (TAG 554)
CANTON WATER DEPARTMENT
ENGINEERS ESTIMATE= \$927,550.00
BID OPENING-4/11/19

REF	ITEM	DESCRIPTION	UNIT	QTY	WENGER EXCAVATING INC				VITO SPANO				LOCKHART CONCRETE CO				WRITTEN AMOUNT		
					UNIT PRICE	UNIT PRICE	TOTAL UNIT	COST	UNIT PRICE	UNIT PRICE	TOTAL UNIT	COST	UNIT PRICE	UNIT PRICE	TOTAL UNIT	COST			
					TOTAL														
					ENG. ESTIMATE														
ROADWAY						\$ 14,500.00					\$ 8,860.55				\$ 7,905.00				\$ 9,054.00
1	202	Pavement Removed	SY	7	\$ 25.00	\$ 175.00	\$ 7.50	\$ -	\$ 7.50	\$ 52.50	\$ 10.00	\$ -	\$ 10.00	\$ 70.00	\$ 5.00	\$ 5.00	\$ 10.00	\$ 70.00	
2	202	Walk Removed	SY	250	\$ 5.00	\$ 1,250.00	\$ 3.00	\$ -	\$ 3.00	\$ 750.00	\$ 1.00	\$ -	\$ 1.00	\$ 250.00	\$ 0.12	\$ 0.12	\$ 0.24	\$ 60.00	\$ 62.50
3	202	Curb Removed	SY	200	\$ 10.00	\$ 2,000.00	\$ 6.20	\$ -	\$ 6.20	\$ 1,240.00	\$ 1.00	\$ -	\$ 1.00	\$ 200.00	\$ 2.50	\$ 2.50	\$ 5.00	\$ 1,000.00	
4	204	Subgrade Compaction	SY	7	\$ 25.00	\$ 175.00	\$ 4.75	\$ -	\$ 4.75	\$ 33.25	\$ 5.00	\$ -	\$ 5.00	\$ 35.00	\$ 1.00	\$ 1.00	\$ 2.00	\$ 14.00	
5	609	4" Concrete Walk	SY	250	\$ 10.00	\$ 2,500.00	\$ 3.20	\$ 3.60	\$ 6.80	\$ 1,700.00	\$ 3.00	\$ 4.00	\$ 7.00	\$ 1,750.00	\$ 3.50	\$ 3.50	\$ 7.00	\$ 1,750.00	
6	690	Special- Brick Pavement Restoration	SY	56	\$ 150.00	\$ 8,400.00	\$ 78.40	\$ 12.40	\$ 90.80	\$ 5,084.80	\$ 65.00	\$ 35.00	\$ 100.00	\$ 5,600.00	\$ 55.00	\$ 55.00	\$ 110.00	\$ 6,160.00	
EROSION CONTROL						\$ 5,000.00													\$ 5,000.00
7	832	Erosion Control	EACH	5000	\$ 1.00	\$ 5,000.00	\$ 0.50	\$ 0.50	\$ 1.00	\$ 5,000.00	\$ 0.05	\$ 0.05	\$ 0.10	\$ 500.00	\$ 0.50	\$ 0.50	\$ 1.00	\$ 5,000.00	
PAVEMENT						\$ 195,200.00													\$ 252,421.88
8	304	Aggregate Base	CY	1	\$ 50.00	\$ 50.00	\$ 37.60	\$ 44.80	\$ 82.40	\$ 82.40	\$ 20.00	\$ 40.00	\$ 60.00	\$ 60.00	\$ 27.50	\$ 27.50	\$ 55.00	\$ 55.00	
9	305	6" Concrete Base, Class QC1	SY	56	\$ 50.00	\$ 2,800.00	\$ 21.80	\$ 26.60	\$ 48.40	\$ 2,710.40	\$ 40.00	\$ 26.00	\$ 66.00	\$ 3,696.00	\$ 30.00	\$ 30.00	\$ 60.00	\$ 3,360.00	
10	305	11" Concrete Base, Class QC2	SY	1834	\$ 75.00	\$ 137,550.00	\$ 24.20	\$ 39.60	\$ 63.80	\$ 117,009.20	\$ 42.50	\$ 40.00	\$ 82.50	\$ 151,305.00	\$ 48.91	\$ 48.91	\$ 97.82	\$ 179,401.88	\$ 179,420.22
11	407	Tack Coat, 702.13 (Applied at 0.07 GAL/SY)	SY	150	\$ 10.00	\$ 1,500.00	\$ 1.60	\$ 1.60	\$ 3.20	\$ 480.00	\$ 1.00	\$ 1.00	\$ 2.00	\$ 300.00	\$ 2.75	\$ 2.75	\$ 5.50	\$ 825.00	
12	441	Asphalt Concrete Surface Course, Type 1, (448) PG64-22	SY	75	\$ 325.00	\$ 24,375.00	\$ 49.60	\$ 115.20	\$ 164.80	\$ 12,360.00	\$ 100.00	\$ 139.00	\$ 239.00	\$ 17,925.00	\$ 180.00	\$ 180.00	\$ 360.00	\$ 27,000.00	
13	441	Asphalt Concrete Intermediate Course, Type 2, (448)	SY	104	\$ 225.00	\$ 23,400.00	\$ 44.40	\$ 112.40	\$ 156.80	\$ 16,307.20	\$ 100.00	\$ 139.00	\$ 239.00	\$ 24,856.00	\$ 170.00	\$ 170.00	\$ 340.00	\$ 35,360.00	
14	452	6" Non-Reinforced Concrete Pavement, Class QC1	SY	7	\$ 75.00	\$ 525.00	\$ 38.20	\$ 44.40	\$ 82.60	\$ 578.20	\$ 36.00	\$ 36.00	\$ 72.00	\$ 504.00	\$ 30.00	\$ 30.00	\$ 60.00	\$ 420.00	
15	609	Curb, Misc: Canton Type 1 Standard Concrete Curb	SY	200	\$ 25.00	\$ 5,000.00	\$ 11.80	\$ 16.80	\$ 28.60	\$ 5,720.00	\$ 15.00	\$ 10.00	\$ 25.00	\$ 5,000.00	\$ 15.00	\$ 15.00	\$ 30.00	\$ 6,000.00	
WATER WORK						\$ 636,300.00													\$ 948,110.00
16	202	Abandon Misc.: Existing Valves	EACH	20	\$ 250.00	\$ 5,000.00	\$ 129.00	\$ 36.00	\$ 165.00	\$ 3,300.00	\$ 100.00	\$ -	\$ 100.00	\$ 2,000.00	\$ 50.00	\$ 50.00	\$ 100.00	\$ 2,000.00	
17	202	Abandon Misc.: Existing 1.5" Blowoff	EACH	1	\$ 250.00	\$ 250.00	\$ 146.80	\$ 32.60	\$ 179.40	\$ 179.40	\$ 100.00	\$ -	\$ 100.00	\$ 100.00	\$ 250.00	\$ 250.00	\$ 500.00	\$ 500.00	
18	638	6" Water Main Ductile Iron Pipe Ansi Class 52 Push-On Joints And Fittings	FT	4300	\$ 70.00	\$ 301,000.00	\$ 24.70	\$ 54.80	\$ 79.50	\$ 341,850.00	\$ 55.00	\$ 27.00	\$ 82.00	\$ 352,600.00	\$ 68.00	\$ 68.00	\$ 136.00	\$ 584,800.00	
19	638	8" Water Main Ductile Iron Pipe Ansi Class 52, Push-On Joints And Fittings	FT	650	\$ 90.00	\$ 58,500.00	\$ 27.60	\$ 59.20	\$ 86.80	\$ 56,420.00	\$ 51.15	\$ 40.00	\$ 91.15	\$ 59,247.50	\$ 71.00	\$ 71.00	\$ 142.00	\$ 92,300.00	
20	638	6" Gate Valve	FT	14	\$ 1,250.00	\$ 17,500.00	\$ 159.00	\$ 876.00	\$ 1,035.00	\$ 14,490.00	\$ 260.00	\$ 810.00	\$ 1,070.00	\$ 14,980.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 14,000.00	
21	638	8" Gate Valve	FT	6	\$ 1,500.00	\$ 9,000.00	\$ 211.00	\$ 1,172.00	\$ 1,383.00	\$ 8,298.00	\$ 280.00	\$ 1,200.00	\$ 1,460.00	\$ 8,760.00	\$ 700.00	\$ 700.00	\$ 1,400.00	\$ 8,400.00	
22	638	Fire Hydrant Assembly	FT	9	\$ 5,000.00	\$ 45,000.00	\$ 879.00	\$ 3,649.00	\$ 4,528.00	\$ 40,752.00	\$ 1,000.00	\$ 3,500.00	\$ 4,500.00	\$ 40,500.00	\$ 3,000.00	\$ 3,000.00	\$ 6,000.00	\$ 54,000.00	
23	638	Fire Hydrant Removed	EACH	6	\$ 500.00	\$ 3,000.00	\$ 426.00	\$ 28.00	\$ 454.00	\$ 2,724.00	\$ 50.00	\$ -	\$ 50.00	\$ 300.00	\$ 250.00	\$ 250.00	\$ 500.00	\$ 3,000.00	
24	638	1" Water Service Connection, Short Side	EACH	62	\$ 1,000.00	\$ 62,000.00	\$ 529.00	\$ 732.00	\$ 1,261.00	\$ 78,182.00	\$ 1,000.00	\$ 490.00	\$ 1,490.00	\$ 92,380.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 62,000.00	
25	638	1" Water Service Connection, Long Side	EACH	69	\$ 1,250.00	\$ 86,250.00	\$ 657.00	\$ 988.00	\$ 1,645.00	\$ 113,505.00	\$ 1,450.00	\$ 550.00	\$ 2,000.00	\$ 138,000.00	\$ 750.00	\$ 750.00	\$ 1,500.00	\$ 103,500.00	
26	638	Retap, Reconnect, and Extend 2" Water Service Connection	EACH	10	\$ 150.00	\$ 1,500.00	\$ 27.60	\$ 33.80	\$ 61.40	\$ 614.00	\$ 230.00	\$ 120.00	\$ 350.00	\$ 3,500.00	\$ 100.00	\$ 100.00	\$ 200.00	\$ 2,000.00	
27	638	6" 11.25 Degree Bend	EACH	33	\$ 300.00	\$ 9,900.00	\$ 88.00	\$ 152.00	\$ 240.00	\$ 7,920.00	\$ 63.00	\$ 150.00	\$ 213.00	\$ 7,029.00	\$ 70.00	\$ 70.00	\$ 140.00	\$ 4,620.00	
28	638	6" 22.5 Degree Bend	EACH	12	\$ 350.00	\$ 4,200.00	\$ 88.00	\$ 152.00	\$ 240.00	\$ 2,880.00	\$ 63.00	\$ 150.00	\$ 213.00	\$ 2,556.00	\$ 70.00	\$ 70.00	\$ 140.00	\$ 1,680.00	
29	638	6" 45 Degree Bend	EACH	6	\$ 400.00	\$ 2,400.00	\$ 88.00	\$ 152.00	\$ 240.00	\$ 1,440.00	\$ 70.00	\$ 160.00	\$ 230.00	\$ 1,380.00	\$ 72.00	\$ 72.00	\$ 144.00	\$ 864.00	
30	638	8" 11.25 Degree Bend	EACH	10	\$ 350.00	\$ 3,500.00	\$ 102.00	\$ 179.00	\$ 281.00	\$ 2,810.00	\$ 63.00	\$ 210.00	\$ 273.00	\$ 2,730.00	\$ 95.00	\$ 95.00	\$ 190.00	\$ 1,900.00	
31	638	8" 22.5 Degree Bend	EACH	12	\$ 400.00	\$ 4,800.00	\$ 102.00	\$ 179.00	\$ 281.00	\$ 3,372.00	\$ 70.00	\$ 220.00	\$ 290.00	\$ 3,480.00	\$ 95.00	\$ 95.00	\$ 190.00	\$ 2,280.00	
32	638	6" Cut-In Sleeve	EACH	6	\$ 500.00	\$ 3,000.00	\$ 149.00	\$ 307.00	\$ 456.00	\$ 2,736.00	\$ 125.00	\$ 225.00	\$ 350.00	\$ 2,100.00	\$ 100.00	\$ 100.00	\$ 200.00	\$ 1,200.00	
33	638	8" Cut-In Sleeve	EACH	1	\$ 750.00	\$ 750.00	\$ 189.00	\$ 429.00	\$ 618.00	\$ 618.00	\$ 180.00	\$ 250.00	\$ 430.00	\$ 430.00	\$ 135.00	\$ 135.00	\$ 270.00	\$ 270.00	
34	638	6" Plug	EACH	6	\$ 250.00	\$ 1,500.00	\$ 110.00	\$ 117.00	\$ 227.00	\$ 1,362.00	\$ 35.00	\$ 80.00	\$ 115.00	\$ 690.00	\$ 35.00	\$ 35.00	\$ 70.00	\$ 420.00	
35	638	8" Plug	EACH	2	\$ 300.00	\$ 600.00	\$ 114.00	\$ 124.00	\$ 238.00	\$ 476.00	\$ 35.00	\$ 100.00	\$ 135.00	\$ 270.00	\$ 55.00	\$ 55.00	\$ 110.00	\$ 220.00	
36	638	6" X 6" Tee	EACH	1	\$ 700.00	\$ 700.00	\$ 279.00	\$ 411.00	\$ 690.00	\$ 690.00	\$ 120.00	\$ 265.00	\$ 385.00	\$ 385.00	\$ 160.00	\$ 160.00	\$ 320.00	\$ 320.00	
37	638	8" X 6" Tee	EACH	1	\$ 750.00	\$ 750.00	\$ 282.00	\$ 424.00	\$ 706.00	\$ 706.00	\$ 120.00	\$ 275.00	\$ 395.00	\$ 395.00	\$ 200.00	\$ 200.00	\$ 400.00	\$ 400.00	
38	638	6" X 6" Cross	EACH	2	\$ 800.00	\$ 1,600.00	\$ 307.00	\$ 489.00	\$ 796.00	\$ 1,592.00	\$ 120.00	\$ 290.00	\$ 410.00	\$ 820.00	\$ 250.00	\$ 250.00	\$ 500.00	\$ 1,000.00	
39	638	8" X 6" Cross	EACH	2	\$ 850.00	\$ 1,700.00	\$ 327.00	\$ 498.00	\$ 825.00	\$ 1,650.00	\$ 120.00	\$ 370.00	\$ 490.00	\$ 980.00	\$ 300.00	\$ 300.00	\$ 600.00	\$ 1,200.00	
40	638	Water Work, Misc: Gilsulate 500XR Insulating Fill	EACH	119	\$ 100.00	\$ 11,900.00	\$ 39.80	\$ 88.60	\$ 128.40	\$ 15,279.60	\$ 40.00	\$ 210.00	\$ 250.00	\$ 29,750.00	\$ 22.00	\$ 22.00	\$ 44.00	\$ 5,236.00	\$ 4,998.00
INCIDENTALS						\$ 76,550.00													\$ 45,691.28
41	614	Maintaining Traffic	LS	1	25,550	\$ 25,550.00	\$ 17,204.00	\$ 12,847.00	\$ 30,051.00	\$ 30,051.00	\$ 5,500.00	\$ -	\$ 5,500.00	\$ 5,500.00	\$ 13,500.00	\$ 13,500.00	\$ 27,000.00	\$ 27,000.00	
42	623	Construction Layout Stakes and Surveying	LS	1	8,500	\$ 8,500.00	\$ 6,849.00	\$ 1,322.00	\$ 8,171.00	\$ 8,171.00	\$ 11,450.00	\$ -	\$ 11,450.00	\$ 11,450.00	\$ 4,846.75	\$ 4,846.75	\$ 9,693.50	\$ 9,691.28	
43	624	Mobilization	LS	1	42,500	\$ 42,500.00	\$ 26,552.00	\$ 12,943.00	\$ 39,495.00	\$ 39,495.00	\$ 18,700.00	\$ -	\$ 18,700.00	\$ 18,700.00	\$ 4,500.00	\$ 4,500.00	\$ 9,000.00	\$ 9,000.00	
TOTAL:						\$ 927,550.00													\$ 1,260,277.16
						\$ 927,550.00													\$ 1,260,060.00

*TOTALS DIFFERENT FOR LOCKHART DUE TO MATHEMATICAL ERRORS ON BID