

**NORTH BROADWAY IMPROVEMENTS**

GREENVILLE, OHIO \* FEBRUARY 14, 2019

LINE NO.	ITEM NO.	DESCRIPTION	QTY	UNITS	ADC		MAJORS ENTERPRISES		BRUMBAUGH CONSTRUCTION		PERFORMANCE SITE DEVELOPMENT		ENGINEER'S ESTIMATE
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST
1		Removed											
2		Removed											
3		Removed											
4		Removed											
5	202	Curb Removed	7,794	LF	\$ 6.46	\$ 50,349.24	\$ 6.00	\$ 46,764.00	\$ 4.00	\$ 31,176.00	\$ 6.25	\$ 48,712.50	\$ 5.00
6	202	Walk Removed	2,781	SF	\$ 1.75	\$ 4,866.75	\$ 3.00	\$ 8,343.00	\$ 1.00	\$ 2,781.00	\$ 1.40	\$ 3,893.40	\$ 1.50
7	202	Concrete Pavement Removed, Drives	938	SY	\$ 16.75	\$ 15,711.50	\$ 36.00	\$ 33,768.00	\$ 12.00	\$ 11,256.00	\$ 11.75	\$ 11,021.50	\$ 12.00
8	202	Catch Basin Removed	36	Ea	\$ 628.30	\$ 22,618.80	\$ 500.00	\$ 18,000.00	\$ 750.00	\$ 27,000.00	\$ 355.00	\$ 12,780.00	\$ 450.00
9	202	Manhole Removed	2	Ea	\$ 1,421.40	\$ 2,842.80	\$ 500.00	\$ 1,000.00	\$ 1,700.00	\$ 3,400.00	\$ 625.00	\$ 1,250.00	\$ 1,200.00
10	202	Pipe To Be Removed	43	LF	\$ 60.77	\$ 2,613.11	\$ 100.00	\$ 4,300.00	\$ 75.00	\$ 3,225.00	\$ 35.00	\$ 1,505.00	\$ 30.00
11	203	Excavation	1,155	CY	\$ 17.50	\$ 20,212.50	\$ 35.00	\$ 40,425.00	\$ 34.00	\$ 39,270.00	\$ 19.70	\$ 22,753.50	\$ 17.00
12	204	Subgrade Compaction	2,608	SY	\$ 1.25	\$ 3,260.00	\$ 7.00	\$ 18,256.00	\$ 1.50	\$ 3,912.00	\$ 1.10	\$ 2,868.80	\$ 1.00
13	204	Subgrade Preparation	250	CY	\$ 3.70	\$ 925.00	\$ 50.00	\$ 12,500.00	\$ 70.00	\$ 17,500.00	\$ 28.00	\$ 7,000.00	\$ 45.00
14	204	Subgrade Stabilization, Geogrid Placement	250	SY	\$ 1.80	\$ 450.00	\$ 20.00	\$ 5,000.00	\$ 4.00	\$ 1,000.00	\$ 6.00	\$ 1,500.00	\$ 9.00
15	253	Pavement Repair	250	SY	\$ 49.60	\$ 12,400.00	\$ 225.00	\$ 56,250.00	\$ 50.00	\$ 12,500.00	\$ 65.00	\$ 16,250.00	\$ 150.00
16	254	Pavement Planing, Asphalt Concrete	250	SY	\$ 18.37	\$ 4,592.50	\$ 25.00	\$ 6,250.00	\$ 19.00	\$ 4,750.00	\$ 20.00	\$ 5,000.00	\$ 10.00
17	301	Asphalt Concrete Base	581	CY	\$ 198.72	\$ 115,456.32	\$ 180.00	\$ 104,580.00	\$ 205.00	\$ 119,105.00	\$ 210.00	\$ 122,010.00	\$ 200.00
18	304	Aggregate Base, as per plan	438	CY	\$ 37.58	\$ 16,460.04	\$ 40.00	\$ 17,520.00	\$ 80.00	\$ 35,040.00	\$ 52.00	\$ 22,776.00	\$ 45.00
19	441	3" Asphalt Concrete Surface Type 2 (448) - Drives	21	CY	\$ 622.57	\$ 13,073.97	\$ 550.00	\$ 11,550.00	\$ 685.00	\$ 14,385.00	\$ 655.00	\$ 13,755.00	\$ 215.00
20	452	Non-Reinforced Concrete Pavement	1,035	SY	\$ 64.35	\$ 66,602.25	\$ 80.00	\$ 82,800.00	\$ 90.00	\$ 93,150.00	\$ 74.00	\$ 76,590.00	\$ 68.00
21	605	6" Shallow Pipe Underdrain, as per plan	3,477	LF	\$ 22.66	\$ 78,788.82	\$ 10.00	\$ 34,770.00	\$ 25.00	\$ 86,925.00	\$ 17.00	\$ 59,109.00	\$ 11.50
22	608	Concrete Walk	2,317	SF	\$ 5.50	\$ 12,743.50	\$ 10.00	\$ 23,170.00	\$ 7.00	\$ 16,219.00	\$ 6.50	\$ 15,060.50	\$ 7.00
23	608	Curb Ramp w/ Detectable Warnings	414	SF	\$ 13.20	\$ 5,464.80	\$ 15.00	\$ 6,210.00	\$ 19.50	\$ 8,073.00	\$ 14.25	\$ 5,899.50	\$ 15.00
24	609	Combination Curb & Gutter - 4" - as per plan	4,398	LF	\$ 15.40	\$ 67,729.20	\$ 20.00	\$ 87,960.00	\$ 18.25	\$ 80,263.50	\$ 18.50	\$ 81,363.00	\$ 20.00
25	609	Combination Curb & Gutter - 6" - as per plan	6,465	LF	\$ 15.40	\$ 99,561.00	\$ 20.00	\$ 129,300.00	\$ 18.25	\$ 117,986.25	\$ 18.50	\$ 119,602.50	\$ 23.00
26	611	6" Inline Drain	1	Ea	\$ 1,019.70	\$ 1,019.70	\$ 500.00	\$ 500.00	\$ 900.00	\$ 900.00	\$ 735.00	\$ 735.00	\$ 1,000.00
27	611	6" Conduit, Type 'C' (Inline Drain)	10	LF	\$ 165.83	\$ 1,658.30	\$ 50.00	\$ 500.00	\$ 80.00	\$ 800.00	\$ 55.00	\$ 550.00	\$ 20.00
28	611	4" Conduit, Type 'B' (707.33)	11	LF	\$ 226.60	\$ 2,492.60	\$ 100.00	\$ 1,100.00	\$ 220.00	\$ 2,420.00	\$ 55.00	\$ 605.00	\$ 45.00
29	611	6" Conduit, Type 'B' (707.33)	4	LF	\$ 249.26	\$ 997.04	\$ 200.00	\$ 800.00	\$ 225.00	\$ 900.00	\$ 55.00	\$ 220.00	\$ 50.00
30	611	8" Conduit, Type 'B' (707.33)	6	LF	\$ 281.19	\$ 1,687.14	\$ 250.00	\$ 1,500.00	\$ 250.00	\$ 1,500.00	\$ 65.00	\$ 390.00	\$ 55.00
31	611	10" Conduit, Type 'B' (707.33)	10	LF	\$ 284.28	\$ 2,842.80	\$ 250.00	\$ 2,500.00	\$ 275.00	\$ 2,750.00	\$ 75.00	\$ 750.00	\$ 60.00
32	611	12" Conduit, Type 'B' (707.33)	1,468	LF	\$ 64.89	\$ 95,258.52	\$ 65.00	\$ 95,420.00	\$ 75.00	\$ 110,100.00	\$ 45.50	\$ 66,794.00	\$ 65.00
33	611	15" Conduit, Type 'B' (707.33)	84	LF	\$ 76.74	\$ 6,446.16	\$ 85.00	\$ 7,140.00	\$ 85.00	\$ 7,140.00	\$ 43.75	\$ 3,675.00	\$ 70.00
34	611	18" Conduit, Type 'B' (707.33)	635	LF	\$ 82.40	\$ 52,324.00	\$ 90.00	\$ 57,150.00	\$ 95.00	\$ 60,325.00	\$ 52.00	\$ 33,020.00	\$ 75.00
35	611	Storm Manhole	18	Ea	\$ 4,825.55	\$ 86,859.90	\$ 4,500.00	\$ 81,000.00	\$ 5,000.00	\$ 90,000.00	\$ 2,950.00	\$ 53,100.00	\$ 2,900.00
36	611	Catch Basin	50	Ea	\$ 2,903.57	\$ 145,178.50	\$ 2,500.00	\$ 125,000.00	\$ 2,800.00	\$ 140,000.00	\$ 2,045.00	\$ 102,250.00	\$ 2,500.00
37	611	Manhole Reconstructed to Grade	1	Ea	\$ 937.30	\$ 937.30	\$ 1,000.00	\$ 1,000.00	\$ 900.00	\$ 900.00	\$ 675.00	\$ 675.00	\$ 1,800.00
38	611	Manhole Adjusted to Grade	6	Ea	\$ 937.30	\$ 5,623.80	\$ 500.00	\$ 3,000.00	\$ 750.00	\$ 4,500.00	\$ 375.00	\$ 2,250.00	\$ 650.00
39	611	4" Storm Drain Repair	1	Ea	\$ 968.20	\$ 968.20	\$ 1,000.00	\$ 1,000.00	\$ 200.00	\$ 200.00	\$ 250.00	\$ 250.00	\$ 200.00
40	611	6" Storm Drain Repair	1	Ea	\$ 1,019.70	\$ 1,019.70	\$ 1,200.00	\$ 1,200.00	\$ 300.00	\$ 300.00	\$ 250.00	\$ 250.00	\$ 250.00
41	611	8" Storm Drain Repair	1	Ea	\$ 1,060.90	\$ 1,060.90	\$ 1,400.00	\$ 1,400.00	\$ 400.00	\$ 400.00	\$ 250.00	\$ 250.00	\$ 300.00
42	611	12" Storm Drain Repair	1	Ea	\$ 1,153.60	\$ 1,153.60	\$ 1,600.00	\$ 1,600.00	\$ 500.00	\$ 500.00	\$ 250.00	\$ 250.00	\$ 400.00
43	613	Low Strength Mortar Backfill	10	CY	\$ 140.00	\$ 1,400.00	\$ 200.00	\$ 2,000.00	\$ 115.00	\$ 1,150.00	\$ 100.00	\$ 1,000.00	\$ 130.00
44	614	Maintaining Traffic	1	Lump	\$ 155,000.00	\$ 155,000.00	\$ 55,000.00	\$ 55,000.00	\$ 80,000.00	\$ 80,000.00	\$ 77,750.00	\$ 77,750.00	\$ 20,000.00
45	624	Mobilization	1	Lump	\$ 18,500.00	\$ 18,500.00	\$ 10,000.00	\$ 10,000.00	\$ 30,000.00	\$ 30,000.00	\$ 37,000.00	\$ 37,000.00	\$ 14,000.00
46	625	Power Service	2	Ea	\$ 2,140.00	\$ 4,280.00	\$ 2,000.00	\$ 4,000.00	\$ 2,225.00	\$ 4,450.00	\$ 895.00	\$ 1,790.00	\$ 3,000.00
47	625	Control Center Cabinet, Completee	2	Ea	\$ 3,424.00	\$ 6,848.00	\$ 3,200.00	\$ 6,400.00	\$ 3,555.00	\$ 7,110.00	\$ 2,814.00	\$ 5,628.00	\$ 4,600.00
48	625	Decorative Post and Luminaire	32	Ea	\$ 3,873.40	\$ 123,948.80	\$ 3,620.00	\$ 115,840.00	\$ 4,000.00	\$ 128,000.00	\$ 3,331.00	\$ 106,592.00	\$ 3,900.00

LINE NO.	ITEM NO.	DESCRIPTION	QTY	UNITS	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST
49	625	Connection, Fused Pull Apart	102	Ea	\$ 101.65	\$ 10,368.30	\$ 95.00	\$ 9,690.00	\$ 105.00	\$ 10,710.00	\$ 67.50	\$ 6,885.00	\$ 80.00
50	625	Connection, Unfused Permanent	34	Ea	\$ 96.30	\$ 3,274.20	\$ 90.00	\$ 3,060.00	\$ 100.00	\$ 3,400.00	\$ 68.70	\$ 2,335.80	\$ 80.00
51	625	Light Pole Foundation, as per plan	32	Ea	\$ 802.50	\$ 25,680.00	\$ 750.00	\$ 24,000.00	\$ 850.00	\$ 27,200.00	\$ 1,378.75	\$ 44,120.00	\$ 1,150.00
52	625	No. 8 Distribution Cable	11,520	LF	\$ 1.71	\$ 19,699.20	\$ 1.60	\$ 18,432.00	\$ 1.80	\$ 20,736.00	\$ 1.70	\$ 19,584.00	\$ 1.80
53	625	No. 10 Distribution Cable	17,955	LF	\$ 0.86	\$ 15,441.30	\$ 0.80	\$ 14,364.00	\$ 0.90	\$ 16,159.50	\$ 1.60	\$ 28,728.00	\$ 1.40
54	625	No. 10 Pole and Bracket Cable	2,688	LF	\$ 0.85	\$ 2,284.80	\$ 0.80	\$ 2,150.40	\$ 0.90	\$ 2,419.20	\$ 1.60	\$ 4,300.80	\$ 1.85
55	625	2" Conduit	3,117	LF	\$ 2.99	\$ 9,319.83	\$ 2.80	\$ 8,727.60	\$ 3.00	\$ 9,351.00	\$ 3.00	\$ 9,351.00	\$ 6.25
56	625	Trench, 24" Deep	2,409	LF	\$ 8.56	\$ 20,621.04	\$ 8.00	\$ 19,272.00	\$ 9.00	\$ 21,681.00	\$ 10.00	\$ 24,090.00	\$ 8.00
57	625	Trench In Paved Area	291	LF	\$ 21.40	\$ 6,227.40	\$ 20.00	\$ 5,820.00	\$ 25.00	\$ 7,275.00	\$ 11.50	\$ 3,346.50	\$ 70.00
58	625	Ground Rod	36	Ea	\$ 160.50	\$ 5,778.00	\$ 150.00	\$ 5,400.00	\$ 165.00	\$ 5,940.00	\$ 250.00	\$ 9,000.00	\$ 200.00
59	625	Plastic Caution Tape	2,700	LF	\$ 0.43	\$ 1,161.00	\$ 0.40	\$ 1,080.00	\$ 0.50	\$ 1,350.00	\$ 0.20	\$ 540.00	\$ 0.16
60	638	Fire Hydrant Removed	8	Ea	\$ 556.20	\$ 4,449.60	\$ 500.00	\$ 4,000.00	\$ 550.00	\$ 4,400.00	\$ 475.00	\$ 3,800.00	\$ 400.00
61	638	Fire Hydrant Relocated	1	Ea	\$ 1,112.40	\$ 1,112.40	\$ 2,000.00	\$ 2,000.00	\$ 1,200.00	\$ 1,200.00	\$ 1,275.00	\$ 1,275.00	\$ 1,200.00
62	638	Water Valve Removed	8	Ea	\$ 556.20	\$ 4,449.60	\$ 1,000.00	\$ 8,000.00	\$ 650.00	\$ 5,200.00	\$ 395.00	\$ 3,160.00	\$ 225.00
63	638	Water Valve Adjusted To Grade	1	Ea	\$ 314.15	\$ 314.15	\$ 500.00	\$ 500.00	\$ 350.00	\$ 350.00	\$ 145.00	\$ 145.00	\$ 300.00
64	659	Seeding and Mulching	100	SY	\$ 8.00	\$ 800.00	\$ 5.00	\$ 500.00	\$ 6.00	\$ 600.00	\$ 15.00	\$ 1,500.00	\$ 4.00
65	33 11 13	6" Water Line (AWWA C900)	141	LF	\$ 133.90	\$ 18,879.90	\$ 125.00	\$ 17,625.00	\$ 145.00	\$ 20,445.00	\$ 68.00	\$ 9,588.00	\$ 60.00
66	33 11 13	8" x 6" Tee	4	Ea	\$ 1,751.00	\$ 7,004.00	\$ 500.00	\$ 2,000.00	\$ 1,800.00	\$ 7,200.00	\$ 250.00	\$ 1,000.00	\$ 450.00
67	33 11 13	6" Plug	3	Ea	\$ 1,751.00	\$ 5,253.00	\$ 100.00	\$ 300.00	\$ 1,700.00	\$ 5,100.00	\$ 100.00	\$ 300.00	\$ 250.00
68	33 11 13	6" Coupling	2	Ea	\$ 1,339.00	\$ 2,678.00	\$ 800.00	\$ 1,600.00	\$ 1,400.00	\$ 2,800.00	\$ 500.00	\$ 1,000.00	\$ 700.00
69	33 11 13	8" Coupling	9	Ea	\$ 1,409.04	\$ 12,681.36	\$ 1,000.00	\$ 9,000.00	\$ 1,500.00	\$ 13,500.00	\$ 550.00	\$ 4,950.00	\$ 850.00
70	33 11 13	8" Water Line (AWWA C900)	4	LF	\$ 135.96	\$ 543.84	\$ 200.00	\$ 800.00	\$ 155.00	\$ 620.00	\$ 175.00	\$ 700.00	\$ 80.00
71	33 11 13	6" x 6" Tapping Sleeve	2	Ea	\$ 5,481.66	\$ 10,963.32	\$ 5,000.00	\$ 10,000.00	\$ 6,000.00	\$ 12,000.00	\$ 2,880.00	\$ 5,760.00	\$ 6,000.00
72	33 11 13	8" x 6" Tapping Sleeve	1	Ea	\$ 5,538.31	\$ 5,538.31	\$ 5,500.00	\$ 5,500.00	\$ 6,100.00	\$ 6,100.00	\$ 3,000.00	\$ 3,000.00	\$ 7,000.00
73	33 11 13	12" x 6" Tapping Sleeve	2	Ea	\$ 5,742.25	\$ 11,484.50	\$ 6,000.00	\$ 12,000.00	\$ 6,500.00	\$ 13,000.00	\$ 3,250.00	\$ 6,500.00	\$ 8,000.00
74	33 12 13	Water Service Connections, 3/4"	59	Ea	\$ 3,502.00	\$ 206,618.00	\$ 3,200.00	\$ 188,800.00	\$ 3,600.00	\$ 212,400.00	\$ 2,350.00	\$ 138,650.00	\$ 2,000.00
75	33 12 13	Replace Curb-Stop and Box	1	Ea	\$ 750.87	\$ 750.87	\$ 500.00	\$ 500.00	\$ 800.00	\$ 800.00	\$ 550.00	\$ 550.00	\$ 1,000.00
76	33 12 16	6" Gate Valve with Box	10	Ea	\$ 1,545.00	\$ 15,450.00	\$ 2,000.00	\$ 20,000.00	\$ 1,600.00	\$ 16,000.00	\$ 1,250.00	\$ 12,500.00	\$ 1,300.00
77	33 12 16	8" Gate Valve with Box	1	Ea	\$ 2,214.50	\$ 2,214.50	\$ 3,000.00	\$ 3,000.00	\$ 2,200.00	\$ 2,200.00	\$ 1,700.00	\$ 1,700.00	\$ 2,000.00
78	33 12 19	Fire Hydrant	10	Ea	\$ 3,448.44	\$ 34,484.40	\$ 4,000.00	\$ 40,000.00	\$ 3,500.00	\$ 35,000.00	\$ 4,850.00	\$ 48,500.00	\$ 4,500.00
79	Special	Water Service and Valve Abandoned	10	Ea	\$ 2,002.32	\$ 20,023.20	\$ 2,500.00	\$ 25,000.00	\$ 2,000.00	\$ 20,000.00	\$ 150.00	\$ 1,500.00	\$ 1,000.00
80	Special	Relocate Water Service Valve	1	Ea	\$ 2,002.32	\$ 2,002.32	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 425.00	\$ 425.00	\$ 700.00
81	Special	Water Valve Abandoned	1	Ea	\$ 556.20	\$ 556.20	\$ 500.00	\$ 500.00	\$ 2,500.00	\$ 2,500.00	\$ 150.00	\$ 150.00	\$ 300.00
82	Special	Replace Sanitary Clean-Out	2	Ea	\$ 640.00	\$ 1,280.00	\$ 1,000.00	\$ 2,000.00	\$ 900.00	\$ 1,800.00	\$ 550.00	\$ 1,100.00	\$ 1,200.00
83	Spec.	Bond	1	Lump	\$ 21,000.00	\$ 21,000.00	\$ 30,000.00	\$ 30,000.00	\$ 35,372.55	\$ 35,372.55	\$ 49,750.00	\$ 49,750.00	\$ 30,000.00
84	Spec.	Asphalt Reinforcement Interlayer	3,279	SY	\$ 6.74	\$ 22,100.46	\$ 3.00	\$ 9,837.00	\$ 9.00	\$ 29,511.00	\$ 11.00	\$ 36,069.00	\$ 6.00
85	33 12 13	Corporation Stop & Saddle	1	Ea	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00	\$ 1,200.00	\$ 1,200.00	\$ 475.00	\$ 475.00	Total Est.:
86	33 12 13	Water Service Connections, 1"	1	Ea	\$ 500.00	\$ 500.00	\$ 2,000.00	\$ 2,000.00	\$ 4,000.00	\$ 4,000.00	\$ 475.00	\$ 475.00	\$ 1,823,600.00
87	33 12 13	Water Service Connections, 1 1/2"	1	Ea	\$ 550.00	\$ 550.00	\$ 2,500.00	\$ 2,500.00	\$ 4,300.00	\$ 4,300.00	\$ 525.00	\$ 525.00	
88	33 12 13	Water Service Connections, 2"	1	Ea	\$ 600.00	\$ 600.00	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00	\$ 600.00	\$ 600.00	
89	33 12 13	Customer Service Line, 3/4"	10	LF	\$ 27.00	\$ 270.00	\$ 75.00	\$ 750.00	\$ 30.00	\$ 300.00	\$ 59.00	\$ 590.00	
90	33 12 13	Customer Service Line, 1"	10	LF	\$ 28.00	\$ 280.00	\$ 80.00	\$ 800.00	\$ 32.00	\$ 320.00	\$ 62.00	\$ 620.00	
91	33 12 13	Customer Service Line, 1 1/2"	10	LF	\$ 31.50	\$ 315.00	\$ 85.00	\$ 850.00	\$ 36.00	\$ 360.00	\$ 68.00	\$ 680.00	
92	33 12 13	Customer Service Line, 2"	10	LF	\$ 38.00	\$ 380.00	\$ 90.00	\$ 900.00	\$ 42.00	\$ 420.00	\$ 68.00	\$ 680.00	
93		<b>TOTAL BID</b>				\$ 1,870,609.06		\$ 1,844,024.00		\$ 1,995,482.00		\$ 1,636,972.30	

Contractor mis-calculated total at \$1,873,724.00