

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	1. H.M. Miller Construction Co. PRICE	1. H.M. Miller Construction Co. AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$125,000.00	\$125,000.00	\$50,000.00	\$50,000.00
2	203	Aggregate Refill Type 1 (Install as directed)	45	C.Y.	\$55.00	\$2,475.00	\$75.00	\$3,375.00
3	561	Manhole frame and cover (Install as directed)	6	EACH	\$500.00	\$3,000.00	\$500.00	\$3,000.00
4	603	Limestone #1 & #2 (Install as directed)	150	C.Y.	\$55.00	\$8,250.00	\$75.00	\$11,250.00
5	562	Manhole Adjusted (As directed)	10	EACH	\$750.00	\$7,500.00	\$500.00	\$5,000.00
6	603	Limestone (Install as directed)	150	C.Y.	\$55.00	\$8,250.00	\$55.00	\$8,250.00
7	614	Maintaining Traffic	1	L.S.	\$125,000.00	\$125,000.00	\$35,000.00	\$35,000.00
8	624	Mobilization	1	L.S.	\$180,000.00	\$180,000.00	\$90,000.00	\$90,000.00
9	SPEC	Heavy Cleaning (As Directed)	1	ALLOW	\$75,000.00	\$75,000.00	\$75,000.00	\$75,000.00
Albrecht Ave. (ID 434618)								
10	SPEC	8-inch Sanitary Sewer Reconstruction by the CIPP	250	L.F.	\$32.00	\$8,000.00	\$52.50	\$13,125.00
Arbutus Ct. (ID 419730)								
11	201	Clearing and Grubbing	1	L.S.	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00
12	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	25	L.F.	\$250.00	\$6,250.00	\$970.50	\$24,262.50
13	659	Seeding and Mulching	160	S.Y.	\$10.00	\$1,600.00	\$5.00	\$800.00
14	SPEC	8-inch Sanitary Sewer Reconstruction by the CIPP	450	L.F.	\$32.00	\$14,400.00	\$52.50	\$23,625.00
Auldfarm Rd. (ID 366500)								
15	202	Wearing Course Removed, 2-inches thick	70	S.Y.	\$5.00	\$350.00	\$1.00	\$70.00
16	448	Asphalt Concrete Surface Course, 2-inches thick,	5	C.Y.	\$150.00	\$750.00	\$100.00	\$500.00
17	557	12-inch Sanitary Sewer, VCPES, Class 'B' Bedding	15	L.F.	\$275.00	\$4,125.00	\$1,855.00	\$27,825.00
18	604	Bank Run Gravel	25	C.Y.	\$40.00	\$1,000.00	\$1.00	\$25.00
19	SPEC	Post Construction 12-Inch Sewer Cleaning and	295	L.F.	\$6.00	\$1,770.00	\$7.00	\$2,065.00
W. Bartges St. (ID 421514)								
20	562	Manhole MH 2A on 8-Inch Sanitary Sewer	2	EACH	\$7,500.00	\$15,000.00	\$14,000.00	\$28,000.00
21	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	735	L.F.	\$5.00	\$3,675.00	\$7.00	\$5,145.00
Bauer Blvd. (ID 309704 & 309695)								
22	561	Manhole frame and cover (Install as directed)	2	EACH	\$500.00	\$1,000.00	\$500.00	\$1,000.00
23	604	Bank Run Gravel	5	C.Y.	\$40.00	\$200.00	\$1.00	\$5.00
24	SPEC	Locating & Raising Buried Manholes	1	ALLOW	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
25	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	10	L.F.	\$5.00	\$50.00	\$50.00	\$500.00
Beacon St. (ID 367854)								
26	202	Wearing Course Removed, 2-inches thick	35	S.Y.	\$5.00	\$175.00	\$1.00	\$35.00
27	202	Water Mains Removed	40	L.F.	\$5.00	\$200.00	\$5.00	\$200.00
28	252	Trenches for Water Services in Earth	50	L.F.	\$25.00	\$1,250.00	\$25.00	\$1,250.00
29	254	6-inch Ductile Iron Pipe	40	L.F.	\$75.00	\$3,000.00	\$80.00	\$3,200.00
30	258	6-inch Gate Valve	1	EACH	\$1,500.00	\$1,500.00	\$830.00	\$830.00
31	259	6-inch Romac Coupling	2	EACH	\$750.00	\$1,500.00	\$230.00	\$460.00
32	259	6-inch 45-Degree Bend	4	EACH	\$500.00	\$2,000.00	\$215.00	\$860.00
33	256	6-inch 90-Degree Bend	1	EACH	\$500.00	\$500.00	\$225.00	\$225.00
34	259	6" x 6" x 6" Tee	1	EACH	\$750.00	\$750.00	\$325.00	\$325.00
35	260	Fire Hydrant	1	EACH	\$5,500.00	\$5,500.00	\$2,500.00	\$2,500.00
36	263	Tying into Existing 6-inch Main	2	EACH	\$1,000.00	\$2,000.00	\$750.00	\$1,500.00
37	448	Asphalt Concrete Surface Course, 2-inches thick,	3	C.Y.	\$150.00	\$450.00	\$100.00	\$300.00
38	557	20-inch Sanitary Sewer, VCPES, Class 'B' Bedding	15	L.F.	\$350.00	\$5,250.00	\$2,475.00	\$37,125.00
39	559	6-inch Pipe Reconnections, VCPES, Class 'B'	40	L.F.	\$70.00	\$2,800.00	\$1.00	\$40.00
40	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	4	EACH	\$75.00	\$300.00	\$1.00	\$4.00
41	604	Bank Run Gravel	75	C.Y.	\$40.00	\$3,000.00	\$1.00	\$75.00
42	SPEC	20-inch Sanitary Sewer Reconstruction by the CIPP	180	L.F.	\$155.00	\$27,900.00	\$135.50	\$24,390.00
43	SPEC	By-Pass Pumping Complete	1	L.S.	\$20,000.00	\$20,000.00	\$15,600.00	\$15,600.00
Bellevue Ave. (ID 366754)								
44	202	Pipe Abandoned, 12" Pipe	160	L.F.	\$75.00	\$12,000.00	\$18.00	\$2,880.00
45	202	Manhole Abandoned	1	EACH	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00
46	202	Wearing Course Removed, 2-inches thick	790	S.Y.	\$5.00	\$3,950.00	\$1.00	\$790.00
47	448	Asphalt Concrete Surface Course, 2-inches thick,	45	C.Y.	\$150.00	\$6,750.00	\$100.00	\$4,500.00
48	557	15-inch Sanitary Sewer, VCPES, Class 'B' Bedding	285	L.F.	\$150.00	\$42,750.00	\$492.00	\$140,220.00
49	559	6-inch Pipe Reconnections, VCPES, Class 'B'	120	L.F.	\$70.00	\$8,400.00	\$1.00	\$120.00
50	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	12	EACH	\$75.00	\$900.00	\$25.00	\$300.00
51	604	Bank Run Gravel	375	C.Y.	\$40.00	\$15,000.00	\$1.00	\$375.00
52	SPEC	By-Pass Pumping Complete	1	L.S.	\$15,000.00	\$15,000.00	\$22,700.00	\$22,700.00
53	SPEC	Post Construction 15-Inch Sewer Cleaning and	285	L.F.	\$6.00	\$1,710.00	\$7.00	\$1,995.00
Bellevue Ave. (ID 366887)								
54	202	Brick Pavement Removed (Bricks Salvaged)	75	S.Y.	\$60.00	\$4,500.00	\$100.00	\$7,500.00
55	557	24-inch Sanitary Sewer, VCPES, Class 'B' Bedding	15	L.F.	\$350.00	\$5,250.00	\$2,031.00	\$30,465.00
56	559	6-inch Pipe Reconnections, VCPES, Class 'B'	20	L.F.	\$70.00	\$1,400.00	\$1.00	\$20.00
57	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	2	EACH	\$75.00	\$150.00	\$25.00	\$50.00
58	604	Bank Run Gravel	35	C.Y.	\$40.00	\$1,400.00	\$1.00	\$35.00
59	661	Brick Pavement Reconstructed (Salvaged Bricks)	75	S.Y.	\$120.00	\$9,000.00	\$200.00	\$15,000.00
60	SPEC	By-Pass Pumping Complete	1	L.S.	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00
61	SPEC	Post Construction 24-Inch Sewer Cleaning and	415	L.F.	\$9.00	\$3,735.00	\$7.00	\$2,905.00
Bishop St. (ID 365308)								
62	SPEC	Interior Host Pipe Repair	1	10 L.F.	\$2,500.00	\$25,000.00	\$3,150.00	\$31,500.00

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	63	SPEC Post Construction 36-Inch Sewer Cleaning and	445	L.F.	\$13.00	\$5,785.00	\$7.00	\$3,115.00
W. Cedar St. (ID 422952)								
	64	202 Pipe Abandoned, 8" Pipe	200	L.F.	\$75.00	\$15,000.00	\$25.00	\$5,000.00
Crosby St. (ID 409898)								
	65	202 Wearing Course Removed, 2-inches thick	40	S.Y.	\$5.00	\$200.00	\$1.00	\$40.00
	66	448 Asphalt Concrete Surface Course, 2-inches thick,	4	C.Y.	\$150.00	\$600.00	\$100.00	\$400.00
	67	557 12-inch Sanitary Sewer, VCPES, Class 'B' Bedding	15	L.F.	\$250.00	\$3,750.00	\$2,250.00	\$33,750.00
	68	604 Bank Run Gravel	60	C.Y.	\$40.00	\$2,400.00	\$1.00	\$60.00
	69	SPEC Post Construction 12-Inch Sewer Cleaning and	195	L.F.	\$6.00	\$1,170.00	\$7.00	\$1,365.00
S. Portage Path (ID 405999)								
	70	202 Wearing Course Removed, 2-inches thick	45	S.Y.	\$5.00	\$225.00	\$1.00	\$45.00
	71	448 Asphalt Concrete Surface Course, 2-inches thick,	4	C.Y.	\$150.00	\$600.00	\$100.00	\$400.00
	72	557 8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	20	L.F.	\$250.00	\$5,000.00	\$1,593.00	\$31,860.00
	73	604 Bank Run Gravel	30	C.Y.	\$40.00	\$1,200.00	\$1.00	\$30.00
	74	SPEC Post Construction 8-Inch Sewer Cleaning and CCTV	250	L.F.	\$5.00	\$1,250.00	\$7.00	\$1,750.00
Cumberland Dr. (ID 433433)								
	75	557 8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	30	L.F.	\$110.00	\$3,300.00	\$1,848.00	\$55,440.00
	76	603 Limestone (Install as directed)	10	C.Y.	\$55.00	\$550.00	\$75.00	\$750.00
	77	659 Seeding and Mulching	50	S.Y.	\$10.00	\$500.00	\$5.00	\$250.00
	78	SPEC Post Construction 8-Inch Sewer Cleaning and CCTV	245	L.F.	\$5.00	\$1,225.00	\$7.00	\$1,715.00
Dayton St. (ID 368253 & 368701)								
	79	SPEC Interior Host Pipe Repair	10	L.F.	\$1,500.00	\$15,000.00	\$3,150.00	\$31,500.00
	80	SPEC 24-inch Sanitary Sewer Reconstruction by the CIPP	365	L.F.	\$175.00	\$63,875.00	\$122.00	\$44,530.00
	81	SPEC 22-inch Sanitary Sewer Reconstruction by the CIPP	1	L.S.	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
	82	SPEC By-Pass Pumping Complete	1	L.S.	\$20,000.00	\$20,000.00	\$4,000.00	\$4,000.00
	83	SPEC Post Construction 22-Inch Sewer Cleaning and	270	L.F.	\$9.00	\$2,430.00	\$7.00	\$1,890.00
Delia Ave. (ID 406615)								
	84	SPEC 12-inch Sanitary Sewer Reconstruction by the CIPP	180	L.F.	\$37.00	\$6,660.00	\$56.00	\$10,080.00
W. Falor St. (ID 423244)								
	85	202 Curb Removed	30	L.F.	\$15.00	\$450.00	\$10.00	\$300.00
	86	455 Curb, 6"x18"	30	L.F.	\$35.00	\$1,050.00	\$40.00	\$1,200.00
	87	557 18-inch Sanitary Sewer, VCPES, Class 'B' Bedding	150	L.F.	\$300.00	\$45,000.00	\$678.00	\$101,700.00
	88	604 Bank Run Gravel	300	C.Y.	\$40.00	\$12,000.00	\$1.00	\$300.00
	89	SPEC Post Construction 18-Inch Sewer Cleaning and	150	L.F.	\$6.00	\$900.00	\$7.00	\$1,050.00
Firestone Pkwy. (ID 421659)								
	90	201 Clearing and Grubbing	1	L.S.	\$5,000.00	\$5,000.00	\$10,800.00	\$10,800.00
	91	557 8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	80	L.F.	\$150.00	\$12,000.00	\$787.00	\$62,960.00
	92	604 Bank Run Gravel	90	C.Y.	\$40.00	\$3,600.00	\$1.00	\$90.00
	93	659 Seeding and Mulching	225	S.Y.	\$10.00	\$2,250.00	\$5.00	\$1,125.00
	94	SPEC Railroad Permitting and Insurance Allowance	1	ALLOW	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
	95	SPEC Post Construction 8-Inch Sewer Cleaning and CCTV	80	L.F.	\$5.00	\$400.00	\$7.00	\$560.00
Firestone Pkwy. (ID 422241)								
	96	202 Curb Removed	10	L.F.	\$15.00	\$150.00	\$10.00	\$100.00
	97	202 Wearing Course Removed, 2-inches thick	5	S.Y.	\$5.00	\$25.00	\$1.00	\$5.00
	98	448 Asphalt Concrete Surface Course, 2-inches thick,	1	C.Y.	\$150.00	\$150.00	\$100.00	\$100.00
	99	455 Curb, 6"x18"	10	L.F.	\$35.00	\$350.00	\$40.00	\$400.00
	100	557 10-inch Sanitary Sewer, VCPES, Class 'B' Bedding	15	L.F.	\$250.00	\$3,750.00	\$1,565.00	\$23,475.00
	101	604 Bank Run Gravel	10	C.Y.	\$40.00	\$400.00	\$1.00	\$10.00
	102	659 Seeding and Mulching	35	S.Y.	\$10.00	\$350.00	\$5.00	\$175.00
	103	SPEC Post Construction 10-Inch Sewer Cleaning and	70	L.F.	\$5.00	\$350.00	\$7.00	\$490.00
Furnace St. (ID 425754)								
	104	201 Clearing and Grubbing	1	L.S.	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
	105	603 Limestone (Install as directed)	25	C.Y.	\$55.00	\$1,375.00	\$50.00	\$1,250.00
	106	557 10-inch Sanitary Sewer, VCPES, Class 'B' Bedding	290	L.F.	\$300.00	\$87,000.00	\$224.00	\$64,960.00
	107	659 Seeding and Mulching	525	S.Y.	\$10.00	\$5,250.00	\$5.00	\$2,625.00
	108	SPEC Post Construction 10-Inch Sewer Cleaning and	290	L.F.	\$5.00	\$1,450.00	\$7.00	\$2,030.00
Furnace St. (ID 415894, 415895, 415897, 425745 & 425747)								
	109	202 Pipe Abandoned, 8" Pipe	1225	L.F.	\$75.00	\$91,875.00	\$8.50	\$10,412.50
	110	202 Manhole Abandoned	4	EACH	\$3,000.00	\$12,000.00	\$750.00	\$3,000.00
Goodyear Blvd. (ID 309524)								
	111	201 Clearing and Grubbing	1	L.S.	\$5,000.00	\$5,000.00	\$1.00	\$1.00
	112	456 Concrete Walk, 6 inches Thick	125	S.F.	\$15.00	\$1,875.00	\$7.50	\$937.50
	113	561 Manhole frame and cover (Install as directed)	1	EACH	\$500.00	\$500.00	\$500.00	\$500.00
	114	603 Limestone (Install as directed)	10	C.Y.	\$55.00	\$550.00	\$40.00	\$400.00
	115	SPEC Locating & Raising Buried Manholes	1	ALLOW	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
	116	SPEC Railroad Permitting and Insurance Allowance	1	ALLOW	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
	117	SPEC Post Construction 8-Inch Sewer Cleaning and CCTV	120	L.F.	\$5.00	\$600.00	\$7.00	\$840.00
Green St. (ID 367952)								
	118	202 Wearing Course Removed, 2-inches thick	290	S.Y.	\$5.00	\$1,450.00	\$1.00	\$290.00
	119	202 Water Mains Removed	50	L.F.	\$5.00	\$250.00	\$1.00	\$50.00
	120	254 6-inch Ductile Iron Pipe	2	32 L.F.	\$75.00	\$2,400.00	\$155.00	\$4,960.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. H.M. Miller Construction Co.	
					PRICE	AMOUNT	PRICE	AMOUNT
121	258	6-inch Gate Valve	1	EACH	\$1,500.00	\$1,500.00	\$830.00	\$830.00
122	259	6-inch Romac Coupling	1	EACH	\$750.00	\$750.00	\$230.00	\$230.00
123	259	6-inch 45-Degree Bend	1	EACH	\$500.00	\$500.00	\$215.00	\$215.00
124	259	6" x 6" x 6" Tee	1	EACH	\$750.00	\$750.00	\$320.00	\$320.00
125	260	Fire Hydrant	1	EACH	\$5,500.00	\$5,500.00	\$2,500.00	\$2,500.00
126	263	Tying into Existing 6-inch Main	1	EACH	\$1,000.00	\$1,000.00	\$750.00	\$750.00
127	448	Asphalt Concrete Surface Course, 2-inches thick,	20	C.Y.	\$150.00	\$3,000.00	\$100.00	\$2,000.00
128	557	24-inch Sanitary Sewer, VCPES, Class 'B' Bedding	115	L.F.	\$330.00	\$37,950.00	\$930.50	\$107,007.50
129	559	6-inch Pipe Reconnections, VCPES, Class 'B'	20	L.F.	\$70.00	\$1,400.00	\$1.00	\$20.00
130	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	2	EACH	\$75.00	\$150.00	\$25.00	\$50.00
131	604	Bank Run Gravel	235	C.Y.	\$40.00	\$9,400.00	\$1.00	\$235.00
132	659	Seeding and Mulching	120	S.Y.	\$10.00	\$1,200.00	\$5.00	\$600.00
133	SPEC	By-Pass Pumping Complete	1	L.S.	\$20,000.00	\$20,000.00	\$5,500.00	\$5,500.00
134	SPEC	Post Construction 24-Inch Sewer Cleaning and	115	L.F.	\$9.00	\$1,035.00	\$7.00	\$805.00
Hawthorne Ave. (ID 402979)								
135	202	Brick Pavement Removed (Bricks Salvaged)	70	S.Y.	\$60.00	\$4,200.00	\$100.00	\$7,000.00
136	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	15	L.F.	\$250.00	\$3,750.00	\$1,506.00	\$22,590.00
137	604	Bank Run Gravel	25	C.Y.	\$40.00	\$1,000.00	\$1.00	\$25.00
138	661	Brick Pavement Reconstructed (Salvaged Bricks)	70	S.Y.	\$120.00	\$8,400.00	\$200.00	\$14,000.00
139	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	250	L.F.	\$5.00	\$1,250.00	\$7.00	\$1,750.00
Highbridge Trail (ID 367520 & 522285)								
140	201	Clearing and Grubbing	1	L.S.	\$5,000.00	\$5,000.00	\$500.00	\$500.00
141	557	24-inch Sanitary Sewer, VCPES, Class 'B' Bedding	60	L.F.	\$330.00	\$19,800.00	\$995.50	\$59,730.00
142	603	Limestone (Install as directed)	35	C.Y.	\$55.00	\$1,925.00	\$50.00	\$1,750.00
143	604	Bank Run Gravel	75	C.Y.	\$40.00	\$3,000.00	\$1.00	\$75.00
144	659	Seeding and Mulching	40	S.Y.	\$10.00	\$400.00	\$5.00	\$200.00
145	SPEC	By-Pass Pumping Complete	1	L.S.	\$20,000.00	\$20,000.00	\$14,000.00	\$14,000.00
146	SPEC	Post Construction 24-Inch Sewer Cleaning and	305	L.F.	\$9.00	\$2,745.00	\$7.00	\$2,135.00
Highbrook St. (ID 415046)								
147	202	Wearing Course Removed, 2-inches thick	100	S.Y.	\$5.00	\$500.00	\$1.00	\$100.00
148	448	Asphalt Concrete Surface Course, 2-inches thick,	7	C.Y.	\$150.00	\$1,050.00	\$100.00	\$700.00
149	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	30	L.F.	\$250.00	\$7,500.00	\$1,700.00	\$51,000.00
150	559	6-inch Pipe Reconnections, VCPES, Class 'B'	40	L.F.	\$70.00	\$2,800.00	\$1.00	\$40.00
151	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	4	EACH	\$75.00	\$300.00	\$25.00	\$100.00
152	604	Bank Run Gravel	25	C.Y.	\$40.00	\$1,000.00	\$1.00	\$25.00
153	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	135	L.F.	\$5.00	\$675.00	\$7.00	\$945.00
Hilbish Ave. (ID 430747)								
154	202	Wearing Course Removed, 2-inches thick	40	S.Y.	\$5.00	\$200.00	\$1.00	\$40.00
155	448	Asphalt Concrete Surface Course, 2-inches thick,	4	C.Y.	\$150.00	\$600.00	\$100.00	\$400.00
156	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	15	L.F.	\$250.00	\$3,750.00	\$2,038.00	\$30,570.00
157	604	Bank Run Gravel	30	C.Y.	\$40.00	\$1,200.00	\$1.00	\$30.00
158	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	355	L.F.	\$5.00	\$1,775.00	\$7.00	\$2,485.00
N. Howard St. (ID 426411)								
159	202	Wearing Course Removed, 2-inches thick	35	S.Y.	\$5.00	\$175.00	\$1.00	\$35.00
160	448	Asphalt Concrete Surface Course, 2-inches thick,	3	C.Y.	\$150.00	\$450.00	\$100.00	\$300.00
161	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	15	L.F.	\$250.00	\$3,750.00	\$1,825.00	\$27,375.00
162	604	Bank Run Gravel	25	C.Y.	\$40.00	\$1,000.00	\$1.00	\$25.00
163	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	175	L.F.	\$5.00	\$875.00	\$7.00	\$1,225.00
Howe St. (ID 366827)								
164	202	Wearing Course Removed, 2-inches thick	240	S.Y.	\$5.00	\$1,200.00	\$1.00	\$240.00
165	448	Asphalt Concrete Surface Course, 2-inches thick,	15	C.Y.	\$150.00	\$2,250.00	\$100.00	\$1,500.00
166	557	20-inch Sanitary Sewer, VCPES, Class 'B' Bedding	45	L.F.	\$350.00	\$15,750.00	\$1,752.00	\$78,840.00
167	559	6-inch Pipe Reconnections, VCPES, Class 'B'	20	L.F.	\$70.00	\$1,400.00	\$1.00	\$20.00
168	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	2	EACH	\$75.00	\$150.00	\$25.00	\$50.00
169	604	Bank Run Gravel	130	C.Y.	\$40.00	\$5,200.00	\$1.00	\$130.00
170	SPEC	By-Pass Pumping Complete	1	L.S.	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00
171	SPEC	Post Construction 20-Inch Sewer Cleaning and	260	L.F.	\$9.00	\$2,340.00	\$7.00	\$1,820.00
Ira Ave. (ID 419471 & 419492)								
172	201	Tree Removed	1	EACH	\$3,000.00	\$3,000.00	\$550.00	\$550.00
173	557	12-inch Sanitary Sewer, VCPES, Class 'B' Bedding	20	L.F.	\$135.00	\$2,700.00	\$828.00	\$16,560.00
174	562	Manhole MH 2A on 12-Inch Sanitary Sewer	1	EACH	\$7,500.00	\$7,500.00	\$3,000.00	\$3,000.00
175	202	Wearing Course Removed, 2-inches thick	135	S.Y.	\$5.00	\$675.00	\$1.00	\$135.00
176	448	Asphalt Concrete Surface Course, 2-inches thick,	8	C.Y.	\$150.00	\$1,200.00	\$100.00	\$800.00
177	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	110	L.F.	\$110.00	\$12,100.00	\$589.00	\$64,790.00
178	604	Bank Run Gravel	160	C.Y.	\$40.00	\$6,400.00	\$1.00	\$160.00
179	663	Tree Planting in Lawn Area	1	EACH	\$750.00	\$750.00	\$550.00	\$550.00
180	SPEC	Post Construction 12-Inch Sewer Cleaning and	65	L.F.	\$6.00	\$390.00	\$7.00	\$455.00
181	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	110	L.F.	\$5.00	\$550.00	\$7.00	\$770.00
Jenkins Blvd. (ID 309232 & 309236)								
182	201	Clearing and Grubbing	1	L.S.	\$5,000.00	\$5,000.00	\$1.00	\$1.00
183	561	Manhole frame and cover (Install as directed)	3	2 EACH	\$500.00	\$1,000.00	\$350.00	\$700.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	1. H.M. Miller Construction Co. PRICE	1. H.M. Miller Construction Co. AMOUNT
184	603	Limestone (Install as directed)	10	C.Y.	\$55.00	\$550.00	\$55.00	\$550.00
185	SPEC	Locating & Raising Buried Manholes	1	ALLOW	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00
186	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	250	L.F.	\$5.00	\$1,250.00	\$7.00	\$1,750.00
Lakewood Blvd. (ID 411519)								
187	SPEC	8-inch Sanitary Sewer Reconstruction by the CIPP	280	L.F.	\$32.00	\$8,960.00	\$52.50	\$14,700.00
Lovers Lane (ID 369681)								
188	562	Manhole MH 2C on 30-Inch Sanitary Sewer	1	EACH	\$12,000.00	\$12,000.00	\$30,000.00	\$30,000.00
189	SPEC	Interior Host Pipe Repair for 30-inch Sanitary Sewer	20	L.F.	\$100.00	\$2,000.00	\$1,700.00	\$34,000.00
190	SPEC	30-inch Sanitary Sewer Reconstruction by the CIPP	350	L.F.	\$190.00	\$66,500.00	\$157.50	\$55,125.00
191	SPEC	By-Pass Pumping Complete	1	L.S.	\$30,000.00	\$30,000.00	\$9,000.00	\$9,000.00
N. Main St. (ID 368510)								
192	202	Wearing Course Removed, 2-inches thick	85	S.Y.	\$5.00	\$425.00	\$1.00	\$85.00
193	448	Asphalt Concrete Surface Course, 2-inches thick,	6	C.Y.	\$150.00	\$900.00	\$100.00	\$600.00
194	557	20-inch Sanitary Sewer, VCPES, Class 'B' Bedding	20	L.F.	\$330.00	\$6,600.00	\$2,025.00	\$40,500.00
195	559	6-inch Pipe Reconnections, VCPES, Class 'B'	20	L.F.	\$70.00	\$1,400.00	\$1.00	\$20.00
196	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	2	EACH	\$75.00	\$150.00	\$25.00	\$50.00
197	604	Bank Run Gravel	50	C.Y.	\$40.00	\$2,000.00	\$1.00	\$50.00
198	SPEC	20-inch Sanitary Sewer Reconstruction by the CIPP	315	L.F.	\$155.00	\$48,825.00	\$135.50	\$42,682.50
199	SPEC	By-Pass Pumping Complete	1	L.S.	\$20,000.00	\$20,000.00	\$12,000.00	\$12,000.00
S. Main St. (ID 413601)								
200	202	Concrete Pavement Removed,	85	S.Y.	\$5.00	\$425.00	\$5.00	\$425.00
201	451	9-inch Reinforced Portland Cement Concrete	85	S.Y.	\$85.00	\$7,225.00	\$95.00	\$8,075.00
202	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	30	L.F.	\$250.00	\$7,500.00	\$990.00	\$29,700.00
203	604	Bank Run Gravel	40	C.Y.	\$40.00	\$1,600.00	\$1.00	\$40.00
204	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	315	L.F.	\$5.00	\$1,575.00	\$7.00	\$2,205.00
Mallison Ave. (MH ID 289534)								
205	561	Manhole frame and cover (Install as directed)	1	EACH	\$500.00	\$500.00	\$350.00	\$350.00
206	SPEC	Locating & Raising Buried Manholes	1	ALLOW	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
207	SPEC	Post Construction 15-Inch Sewer Cleaning and	190	L.F.	\$6.00	\$1,140.00	\$7.00	\$1,330.00
Manister Ct. (ID 403873)								
208	201	Clearing and Grubbing	1	L.S.	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00
209	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	30	L.F.	\$250.00	\$7,500.00	\$612.00	\$18,360.00
210	562	Manhole Rechannelled	1	EACH	\$3,000.00	\$3,000.00	\$800.00	\$800.00
211	659	Seeding and Mulching	100	S.Y.	\$10.00	\$1,000.00	\$5.00	\$500.00
212	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	350	L.F.	\$5.00	\$1,750.00	\$7.00	\$2,450.00
E. Market St. (ID 432518)								
213	SPEC	12-inch Sanitary Sewer Reconstruction by the CIPP	310	L.F.	\$37.00	\$11,470.00	\$56.50	\$17,515.00
Merriman Rd. (ID 727480)								
214	562	Manhole MH 2C	1	EACH	\$12,000.00	\$12,000.00	\$23,000.00	\$23,000.00
215	603	Limestone (Install as directed)	10	C.Y.	\$55.00	\$550.00	\$55.00	\$550.00
216	SPEC	Interior Host Pipe Repair for 33-inch Sanitary Sewer	30	L.F.	\$100.00	\$3,000.00	\$1,500.00	\$45,000.00
217	SPEC	33-inch Sanitary Sewer Reconstruction by the CIPP	95	L.F.	\$180.00	\$17,100.00	\$257.50	\$24,462.50
218	SPEC	By-Pass Pumping Complete	1	L.S.	\$30,000.00	\$30,000.00	\$20,500.00	\$20,500.00
Mohawk Ave. (ID 368110)								
219	202	Wearing Course Removed, 2-inches thick	115	S.Y.	\$5.00	\$575.00	\$1.00	\$115.00
220	448	Asphalt Concrete Surface Course, 2-inches thick,	7	C.Y.	\$150.00	\$1,050.00	\$100.00	\$700.00
221	557	24-inch Sanitary Sewer, VCPES, Class 'B' Bedding	25	L.F.	\$330.00	\$8,250.00	\$1,370.00	\$34,250.00
222	559	6-inch Pipe Reconnections, VCPES, Class 'B'	20	L.F.	\$70.00	\$1,400.00	\$1.00	\$20.00
223	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	2	EACH	\$75.00	\$150.00	\$25.00	\$50.00
224	604	Bank Run Gravel	60	C.Y.	\$40.00	\$2,400.00	\$1.00	\$60.00
225	SPEC	By-Pass Pumping Complete	1	L.S.	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00
226	SPEC	Post Construction 24-Inch Sewer Cleaning and	315	L.F.	\$9.00	\$2,835.00	\$7.00	\$2,205.00
Moon St. (ID 403785)								
227	202	Wearing Course Removed, 2-inches thick	80	S.Y.	\$5.00	\$400.00	\$1.00	\$80.00
228	448	Asphalt Concrete Surface Course, 2-inches thick,	5	C.Y.	\$150.00	\$750.00	\$100.00	\$500.00
229	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	20	L.F.	\$250.00	\$5,000.00	\$1,385.00	\$27,700.00
230	604	Bank Run Gravel	40	C.Y.	\$40.00	\$1,600.00	\$1.00	\$40.00
231	659	Seeding and Mulching	25	S.Y.	\$10.00	\$250.00	\$5.00	\$125.00
232	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	180	L.F.	\$5.00	\$900.00	\$7.00	\$1,260.00
Mull Ave. (ID 394860)								
233	202	Wearing Course Removed, 2-inches thick	1100	S.Y.	\$5.00	\$5,500.00	\$8.00	\$8,800.00
234	448	Asphalt Concrete Surface Course, 2-inches thick,	65	C.Y.	\$150.00	\$9,750.00	\$300.00	\$19,500.00
235	557	24-inch Sanitary Sewer, VCPES, Class 'B' Bedding	275	L.F.	\$330.00	\$90,750.00	\$1,387.50	\$381,562.50
236	559	6-inch Pipe Reconnections, VCPES, Class 'B'	140	L.F.	\$70.00	\$9,800.00	\$1.00	\$140.00
237	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	14	EACH	\$75.00	\$1,050.00	\$25.00	\$350.00
238	604	Bank Run Gravel	675	C.Y.	\$40.00	\$27,000.00	\$1.00	\$675.00
239	SPEC	By-Pass Pumping Complete	1	L.S.	\$30,000.00	\$30,000.00	\$20,000.00	\$20,000.00
240	SPEC	Post Construction 24-Inch Sewer Cleaning and	295	L.F.	\$9.00	\$2,655.00	\$7.00	\$2,065.00
Newton St./Eastland Ave. (ID 369583)								
241	562	Manhole MH-3 on 63-inch Sanitary Sewer	1	EACH	\$15,000.00	\$15,000.00	\$26,500.00	\$26,500.00
242	SPEC	Interior Host Pipe Repair for 48-inch Sanitary Sewer	125	S.F.	\$75.00	\$9,375.00	\$150.00	\$18,750.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	1. H.M. Miller Construction Co. PRICE	1. H.M. Miller Construction Co. AMOUNT
243	SPEC	48-inch Sanitary Sewer Reconstruction by the CIPP	490	L.F.	\$265.00	\$129,850.00	\$295.50	\$144,795.00
244	SPEC	By-Pass Pumping Complete	1	L.S.	\$100,000.00	\$100,000.00	\$15,000.00	\$15,000.00
245	SPEC	Railroad Permitting and Insurance Allowance	1	ALLOW	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
Oakdale Ave. (ID 365297, 365298, 365997, 749550, 749549, 365998 & 365999)								
246		202 Brick Pavement Removed (Bricks Salvaged)	30	S.Y.	\$60.00	\$1,800.00	\$1.00	\$30.00
247		455 Combination Curb and Gutter	20	L.F.	\$40.00	\$800.00	\$50.00	\$1,000.00
248		456 Concrete Walk, 4 inches Thick	100	S.F.	\$10.00	\$1,000.00	\$7.50	\$750.00
249		561 Manhole frame and cover (Install as directed)	1	EACH	\$500.00	\$500.00	\$350.00	\$350.00
250		561 Curb Inlet (As Directed)	1	EACH	\$500.00	\$500.00	\$2,200.00	\$2,200.00
251		562 Manhole MH-2C on 36-Inch Sanitary Sewer	2	EACH	\$15,000.00	\$30,000.00	\$17,200.00	\$34,400.00
252		603 Limestone (Install as directed)	15	C.Y.	\$55.00	\$825.00	\$55.00	\$825.00
253		604 Bank Run Gravel	15	C.Y.	\$40.00	\$600.00	\$1.00	\$15.00
254		659 Seeding and Mulching	30	S.Y.	\$10.00	\$300.00	\$5.00	\$150.00
255		661 Brick Pavement Reconstructed (Salvaged Bricks)	30	S.Y.	\$120.00	\$3,600.00	\$1.00	\$30.00
256	SPEC	Locating & Raising Buried Manholes	1	ALLOW	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
257	SPEC	Interior Host Pipe Repair for 36-inch Sanitary Sewer	20	L.F.	\$75.00	\$1,500.00	\$1,700.00	\$34,000.00
258	SPEC	36-inch Sanitary Sewer Reconstruction by the CIPP	610	L.F.	\$200.00	\$122,000.00	\$232.50	\$141,825.00
259	SPEC	By-Pass Pumping Complete	1	L.S.	\$100,000.00	\$100,000.00	\$13,000.00	\$13,000.00
Paul Williams St. (ID 426290)								
260		202 Pipe Abandoned, 12" Pipe	250	L.F.	\$75.00	\$18,750.00	\$25.00	\$6,250.00
261		202 Manhole Abandoned	1	EACH	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00
Rankin St. (ID 414208)								
262		202 Brick Pavement Removed (Bricks Salvaged)	125	S.Y.	\$60.00	\$7,500.00	\$100.00	\$12,500.00
263		202 Wearing Course Removed, 2-inches thick	140	S.Y.	\$5.00	\$700.00	\$1.00	\$140.00
264		448 Asphalt Concrete Surface Course, 2-inches thick,	10	C.Y.	\$150.00	\$1,500.00	\$100.00	\$1,000.00
265		557 8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	265	L.F.	\$110.00	\$29,150.00	\$362.25	\$95,996.25
266		559 6-inch Pipe Reconnections, VCPES, Class 'B'	220	L.F.	\$70.00	\$15,400.00	\$1.00	\$220.00
267		559 6-inch Pipe Bends, VCPES, Class 'B' Bedding	22	EACH	\$75.00	\$1,650.00	\$25.00	\$550.00
268		604 Bank Run Gravel	175	C.Y.	\$40.00	\$7,000.00	\$1.00	\$175.00
269		661 Brick Pavement Reconstructed (Salvaged Bricks)	125	S.Y.	\$120.00	\$15,000.00	\$200.00	\$25,000.00
270	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	265	L.F.	\$5.00	\$1,325.00	\$7.00	\$1,855.00
Robindale Ave. (ID 437618 & 437620)								
271		202 Wearing Course Removed, 2-inches thick	500	S.Y.	\$5.00	\$2,500.00	\$1.00	\$500.00
272		448 Asphalt Concrete Surface Course, 2-inches thick,	30	C.Y.	\$150.00	\$4,500.00	\$100.00	\$3,000.00
273		557 8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	185	L.F.	\$110.00	\$20,350.00	\$481.50	\$89,077.50
274		559 6-inch Pipe Reconnections, VCPES, Class 'B'	60	L.F.	\$70.00	\$4,200.00	\$1.00	\$60.00
275		559 6-inch Pipe Bends, VCPES, Class 'B' Bedding	6	EACH	\$75.00	\$450.00	\$25.00	\$150.00
276		604 Bank Run Gravel	170	C.Y.	\$40.00	\$6,800.00	\$1.00	\$170.00
277	SPEC	8-inch Sanitary Sewer Reconstruction by the CIPP	125	L.F.	\$32.00	\$4,000.00	\$52.50	\$6,562.50
278	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	175	L.F.	\$5.00	\$875.00	\$7.00	\$1,225.00
Sand Run Rd. Easement (ID 403658 & 403662)								
279		201 Clearing and Grubbing	1	L.S.	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00
280		659 Seeding and Mulching	500	S.Y.	\$10.00	\$5,000.00	\$5.00	\$2,500.00
281	SPEC	8-inch Sanitary Sewer Reconstruction by the CIPP	755	L.F.	\$32.00	\$24,160.00	\$52.50	\$39,637.50
State Route 8 (ID 369542)								
282		614 Maintaining Traffic	1	L.S.	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00
283	SPEC	24-inch Sanitary Sewer Reconstruction by the CIPP	300	L.F.	\$175.00	\$52,500.00	\$127.50	\$38,250.00
284	SPEC	Removal and Replacement of Barrier Wall (As	1	L.S.	\$10,000.00	\$10,000.00	\$30,000.00	\$30,000.00
285	SPEC	By-Pass Pumping Complete	1	L.S.	\$50,000.00	\$50,000.00	\$15,000.00	\$15,000.00
Triplett Blvd. (ID 432134)								
286	SPEC	12-inch Sanitary Sewer Reconstruction by the CIPP	305	L.F.	\$37.00	\$11,285.00	\$57.50	\$17,537.50
Triplett Blvd. (ID 434666)								
287		201 Clearing and Grubbing	1	L.S.	\$5,000.00	\$5,000.00	\$100.00	\$100.00
288		557 8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	20	L.F.	\$110.00	\$2,200.00	\$595.00	\$11,900.00
289		561 Manhole frame and cover (Install as directed)	1	EACH	\$500.00	\$500.00	\$350.00	\$350.00
290		603 Limestone (Install as directed)	5	C.Y.	\$55.00	\$275.00	\$55.00	\$275.00
291		659 Seeding and Mulching	120	S.Y.	\$10.00	\$1,200.00	\$5.00	\$600.00
292	SPEC	Locating & Raising Buried Manholes	1	ALLOW	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
293	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	220	L.F.	\$5.00	\$1,100.00	\$7.00	\$1,540.00
Union Place (ID 421802)								
294		202 Wearing Course Removed, 2-inches thick	80	S.Y.	\$5.00	\$400.00	\$1.00	\$80.00
295		448 Asphalt Concrete Surface Course, 2-inches thick,	5	C.Y.	\$150.00	\$750.00	\$100.00	\$500.00
296		557 8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	20	L.F.	\$250.00	\$5,000.00	\$1,400.00	\$28,000.00
297		604 Bank Run Gravel	20	C.Y.	\$40.00	\$800.00	\$1.00	\$20.00
298	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	110	L.F.	\$5.00	\$550.00	\$7.00	\$770.00
West St. (ID 428665 & 428667)								
299		202 Wearing Course Removed, 2-inches thick	65	S.Y.	\$5.00	\$325.00	\$1.00	\$65.00
300		448 Asphalt Concrete Surface Course, 2-inches thick,	5	C.Y.	\$150.00	\$750.00	\$100.00	\$500.00
301		557 8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	30	L.F.	\$250.00	\$7,500.00	\$1,600.00	\$48,000.00
302		604 Bank Run Gravel	55	C.Y.	\$40.00	\$2,200.00	\$1.00	\$55.00
303	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	495	L.F.	\$5.00	\$2,475.00	\$7.00	\$3,465.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	1. H.M. Miller Construction Co. PRICE	1. H.M. Miller Construction Co. AMOUNT
Wheeler St. (ID 419068)								
304	202	Wearing Course Removed, 2-inches thick	240	S.Y.	\$5.00	\$1,200.00	\$1.00	\$240.00
305	448	Asphalt Concrete Surface Course, 2-inches thick,	15	C.Y.	\$150.00	\$2,250.00	\$100.00	\$1,500.00
306	562	Manhole MH-2 on 8-inch Sanitary Sewer	1	EACH	\$12,000.00	\$12,000.00	\$9,000.00	\$9,000.00
307	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	30	L.F.	\$250.00	\$7,500.00	\$650.00	\$19,500.00
308	604	Bank Run Gravel	40	C.Y.	\$40.00	\$1,600.00	\$1.00	\$40.00
309	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	325	L.F.	\$5.00	\$1,625.00	\$7.00	\$2,275.00
Home Ave. (ID 304827)								
310	562	Manhole Adjusted	1	EACH	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00
Various Locations								
311	SPEC	Sanitary Manhole Rehabilitation (Reinforced Epoxy)	567	V.F.	\$475.00	\$269,325.00	\$750.00	\$425,250.00
Various Locations								
312	SPEC	Sanitary Manhole Rehabilitation (Multi-Layered)	410	V.F.	\$375.00	\$153,750.00	\$750.00	\$307,500.00
TOTAL CONSTRUCTION COSTS						\$3,694,325.00		\$4,759,519.75
+/- ENGINEER'S ESTIMATE								+28.8%

PHASE 2 - SUMMARY OF COSTS FOR THE RECONSTRUCTION OF THE BUREAU OF RECONSTRUCTION PROJECT

NO.	DESCRIPTION	QTY	UNIT	PRICE	TOTAL	STATUS
1	CONCRETE	100	CU YD	100.00	10000.00	ESTIMATED
2	STEEL	100	TON	100.00	10000.00	ESTIMATED
3	WOOD	100	CU YD	100.00	10000.00	ESTIMATED
4	PAINT	100	TON	100.00	10000.00	ESTIMATED
5	ROOFING	100	CU YD	100.00	10000.00	ESTIMATED
6	MECHANICAL	100	CU YD	100.00	10000.00	ESTIMATED
7	ELECTRICAL	100	CU YD	100.00	10000.00	ESTIMATED
8	PLUMBING	100	CU YD	100.00	10000.00	ESTIMATED
9	LANDSCAPE	100	CU YD	100.00	10000.00	ESTIMATED
10	ASPHALT	100	CU YD	100.00	10000.00	ESTIMATED
11	CEMENT	100	CU YD	100.00	10000.00	ESTIMATED
12	BRICK	100	CU YD	100.00	10000.00	ESTIMATED
13	ROOFING	100	CU YD	100.00	10000.00	ESTIMATED
14	MECHANICAL	100	CU YD	100.00	10000.00	ESTIMATED
15	ELECTRICAL	100	CU YD	100.00	10000.00	ESTIMATED
16	PLUMBING	100	CU YD	100.00	10000.00	ESTIMATED
17	LANDSCAPE	100	CU YD	100.00	10000.00	ESTIMATED
18	ASPHALT	100	CU YD	100.00	10000.00	ESTIMATED
19	CEMENT	100	CU YD	100.00	10000.00	ESTIMATED
20	BRICK	100	CU YD	100.00	10000.00	ESTIMATED
21	ROOFING	100	CU YD	100.00	10000.00	ESTIMATED
22	MECHANICAL	100	CU YD	100.00	10000.00	ESTIMATED
23	ELECTRICAL	100	CU YD	100.00	10000.00	ESTIMATED
24	PLUMBING	100	CU YD	100.00	10000.00	ESTIMATED
25	LANDSCAPE	100	CU YD	100.00	10000.00	ESTIMATED
26	ASPHALT	100	CU YD	100.00	10000.00	ESTIMATED
27	CEMENT	100	CU YD	100.00	10000.00	ESTIMATED
28	BRICK	100	CU YD	100.00	10000.00	ESTIMATED
29	ROOFING	100	CU YD	100.00	10000.00	ESTIMATED
30	MECHANICAL	100	CU YD	100.00	10000.00	ESTIMATED
31	ELECTRICAL	100	CU YD	100.00	10000.00	ESTIMATED
32	PLUMBING	100	CU YD	100.00	10000.00	ESTIMATED
33	LANDSCAPE	100	CU YD	100.00	10000.00	ESTIMATED
34	ASPHALT	100	CU YD	100.00	10000.00	ESTIMATED
35	CEMENT	100	CU YD	100.00	10000.00	ESTIMATED
36	BRICK	100	CU YD	100.00	10000.00	ESTIMATED
37	ROOFING	100	CU YD	100.00	10000.00	ESTIMATED
38	MECHANICAL	100	CU YD	100.00	10000.00	ESTIMATED
39	ELECTRICAL	100	CU YD	100.00	10000.00	ESTIMATED
40	PLUMBING	100	CU YD	100.00	10000.00	ESTIMATED
41	LANDSCAPE	100	CU YD	100.00	10000.00	ESTIMATED
42	ASPHALT	100	CU YD	100.00	10000.00	ESTIMATED
43	CEMENT	100	CU YD	100.00	10000.00	ESTIMATED
44	BRICK	100	CU YD	100.00	10000.00	ESTIMATED
45	ROOFING	100	CU YD	100.00	10000.00	ESTIMATED
46	MECHANICAL	100	CU YD	100.00	10000.00	ESTIMATED
47	ELECTRICAL	100	CU YD	100.00	10000.00	ESTIMATED
48	PLUMBING	100	CU YD	100.00	10000.00	ESTIMATED
49	LANDSCAPE	100	CU YD	100.00	10000.00	ESTIMATED
50	ASPHALT	100	CU YD	100.00	10000.00	ESTIMATED
51	CEMENT	100	CU YD	100.00	10000.00	ESTIMATED
52	BRICK	100	CU YD	100.00	10000.00	ESTIMATED
53	ROOFING	100	CU YD	100.00	10000.00	ESTIMATED
54	MECHANICAL	100	CU YD	100.00	10000.00	ESTIMATED
55	ELECTRICAL	100	CU YD	100.00	10000.00	ESTIMATED
56	PLUMBING	100	CU YD	100.00	10000.00	ESTIMATED
57	LANDSCAPE	100	CU YD	100.00	10000.00	ESTIMATED
58	ASPHALT	100	CU YD	100.00	10000.00	ESTIMATED
59	CEMENT	100	CU YD	100.00	10000.00	ESTIMATED
60	BRICK	100	CU YD	100.00	10000.00	ESTIMATED
61	ROOFING	100	CU YD	100.00	10000.00	ESTIMATED
62	MECHANICAL	100	CU YD	100.00	10000.00	ESTIMATED
63	ELECTRICAL	100	CU YD	100.00	10000.00	ESTIMATED
64	PLUMBING	100	CU YD	100.00	10000.00	ESTIMATED
65	LANDSCAPE	100	CU YD	100.00	10000.00	ESTIMATED
66	ASPHALT	100	CU YD	100.00	10000.00	ESTIMATED
67	CEMENT	100	CU YD	100.00	10000.00	ESTIMATED
68	BRICK	100	CU YD	100.00	10000.00	ESTIMATED
69	ROOFING	100	CU YD	100.00	10000.00	ESTIMATED
70	MECHANICAL	100	CU YD	100.00	10000.00	ESTIMATED
71	ELECTRICAL	100	CU YD	100.00	10000.00	ESTIMATED
72	PLUMBING	100	CU YD	100.00	10000.00	ESTIMATED
73	LANDSCAPE	100	CU YD	100.00	10000.00	ESTIMATED
74	ASPHALT	100	CU YD	100.00	10000.00	ESTIMATED
75	CEMENT	100	CU YD	100.00	10000.00	ESTIMATED
76	BRICK	100	CU YD	100.00	10000.00	ESTIMATED
77	ROOFING	100	CU YD	100.00	10000.00	ESTIMATED
78	MECHANICAL	100	CU YD	100.00	10000.00	ESTIMATED
79	ELECTRICAL	100	CU YD	100.00	10000.00	ESTIMATED
80	PLUMBING	100	CU YD	100.00	10000.00	ESTIMATED
81	LANDSCAPE	100	CU YD	100.00	10000.00	ESTIMATED
82	ASPHALT	100	CU YD	100.00	10000.00	ESTIMATED
83	CEMENT	100	CU YD	100.00	10000.00	ESTIMATED
84	BRICK	100	CU YD	100.00	10000.00	ESTIMATED
85	ROOFING	100	CU YD	100.00	10000.00	ESTIMATED
86	MECHANICAL	100	CU YD	100.00	10000.00	ESTIMATED
87	ELECTRICAL	100	CU YD	100.00	10000.00	ESTIMATED
88	PLUMBING	100	CU YD	100.00	10000.00	ESTIMATED
89	LANDSCAPE	100	CU YD	100.00	10000.00	ESTIMATED
90	ASPHALT	100	CU YD	100.00	10000.00	ESTIMATED
91	CEMENT	100	CU YD	100.00	10000.00	ESTIMATED
92	BRICK	100	CU YD	100.00	10000.00	ESTIMATED
93	ROOFING	100	CU YD	100.00	10000.00	ESTIMATED
94	MECHANICAL	100	CU YD	100.00	10000.00	ESTIMATED
95	ELECTRICAL	100	CU YD	100.00	10000.00	ESTIMATED
96	PLUMBING	100	CU YD	100.00	10000.00	ESTIMATED
97	LANDSCAPE	100	CU YD	100.00	10000.00	ESTIMATED
98	ASPHALT	100	CU YD	100.00	10000.00	ESTIMATED
99	CEMENT	100	CU YD	100.00	10000.00	ESTIMATED
100	BRICK	100	CU YD	100.00	10000.00	ESTIMATED

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

TO THE DIRECTOR OF PUBLIC SERVICE OF THE CITY OF AKRON:

The undersigned proposes to furnish all labor, materials, and equipment for and construct the following improvement and all other work incidental thereto, including any and all work and materials that may be necessary to connect the work done with the adjoining work, in a proper and workmanlike manner, and according to the plans and profiles on file in the Bureau of Engineering, and upon the terms and conditions of the specifications and form of contract bound herewith and the rules and regulations of the City, and under the direction and to the satisfaction of the Director of Public Service, at the following unit rates, to-wit:

PLEASE TYPE OR USE BLACK INK

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
1	103.05	Contract Performance Bond	1	L.S.		
2	203	Aggregate Refill Type 1 (Install as directed)	45	C.Y.		
3	561	Manhole frame and cover (Install as directed)	6	EACH		
4	603	Limestone #1 & #2 (Install as directed)	150	C.Y.		
5	562	Manhole Adjusted (As directed)	10	EACH		
6	603	Limestone (Install as directed)	150	C.Y.		
7	614	Maintaining Traffic	1	L.S.		
8	624	Mobilization	1	L.S.		
9	SPEC	Heavy Cleaning (As Directed)	1	ALLOW	\$75,000.00	\$75,000.00
Albrecht Ave. (ID 434618)						
10	SPEC	8-inch Sanitary Sewer Reconstruction by the CIPP Process	250	L.F.		
Arbutus Ct. (ID 419730)						
11	201	Clearing and Grubbing	1	L.S.		
12	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair)	25	L.F.		
13	659	Seeding and Mulching	160	S.Y.		
14	SPEC	8-inch Sanitary Sewer Reconstruction by the CIPP Process	450	L.F.		

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
Auldfarm Rd. (ID 366500)						
15	202	Wearing Course Removed, 2-inches thick	70	S.Y.		
16	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	5	C.Y.		
17	557	12-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair in Pavement)	15	L.F.		
18	604	Bank Run Gravel	25	C.Y.		
19	SPEC	Post Construction 12-Inch Sewer Cleaning and CCTV	295	L.F.		
W. Bartges St. (ID 421514)						
20	562	Manhole MH 2A on 8-Inch Sanitary Sewer	2	EACH		
21	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	735	L.F.		
Bauer Blvd. (ID 309704 & 309695)						
22	561	Manhole frame and cover (Install as directed)	2	EACH		
23	604	Bank Run Gravel	5	C.Y.		
24	SPEC	Locating & Raising Buried Manholes	1	ALLOW	\$20,000.00	\$20,000.00
25	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	10	L.F.		
Beacon St. (ID 367854)						
26	202	Wearing Course Removed, 2-inches thick	35	S.Y.		
27	202	Water Mains Removed	40	L.F.		
28	252	Trenches for Water Services in Earth	50	L.F.		
29	254	6-inch Ductile Iron Pipe	40	L.F.		

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
30	258	6-inch Gate Valve	1	EACH		
31	259	6-inch Romac Coupling	2	EACH		
32	259	6-inch 45-Degree Bend	4	EACH		
33	256	6-inch 90-Degree Bend	1	EACH		
34	259	6" x 6" x 6" Tee	1	EACH		
35	260	Fire Hydrant	1	EACH		
36	263	Tying into Existing 6-inch Main	2	EACH		
37	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	3	C.Y.		
38	557	20-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair in Pavement)	15	L.F.		
39	559	6-inch Pipe Reconnections, VCPES, Class 'B' Bedding	40	L.F.		
40	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	4	EACH		
41	604	Bank Run Gravel	75	C.Y.		
42	SPEC	20-inch Sanitary Sewer Reconstruction by the CIPP Process	180	L.F.		
43	SPEC	By-Pass Pumping Complete	1	L.S.		
Bellevue Ave. (ID 366754)						
44	202	Pipe Abandoned, 12" Pipe	160	L.F.		
45	202	Manhole Abandoned	1	EACH		
46	202	Wearing Course Removed, 2-inches thick	790	S.Y.		
47	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	45	C.Y.		

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
48	557	15-inch Sanitary Sewer, VCPES, Class 'B' Bedding	285	L.F.		
49	559	6-inch Pipe Reconnections, VCPES, Class 'B' Bedding	120	L.F.		
50	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	12	EACH		
51	604	Bank Run Gravel	375	C.Y.		
52	SPEC	By-Pass Pumping Complete	1	L.S.		
53	SPEC	Post Construction 15-Inch Sewer Cleaning and CCTV	285	L.F.		
Bellevue Ave. (ID 366887)						
54	202	Brick Pavement Removed (Bricks Salvaged)	75	S.Y.		
55	557	24-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair in Pavement)	15	L.F.		
56	559	6-inch Pipe Reconnections, VCPES, Class 'B' Bedding	20	L.F.		
57	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	2	EACH		
58	604	Bank Run Gravel	35	C.Y.		
59	661	Brick Pavement Reconstructed (Salvaged Bricks)	75	S.Y.		
60	SPEC	By-Pass Pumping Complete	1	L.S.		
61	SPEC	Post Construction 24-Inch Sewer Cleaning and CCTV	415	L.F.		
Bishop St. (ID 365308)						
62	SPEC	Interior Host Pipe Repair	10	L.F.		
63	SPEC	Post Construction 36-Inch Sewer Cleaning and CCTV	445	L.F.		
W. Cedar St. (ID 422952)						

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
64	202	Pipe Abandoned, 8" Pipe	200	L.F.		
Crosby St. (ID 409898)						
65	202	Wearing Course Removed, 2-inches thick	40	S.Y.		
66	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	4	C.Y.		
67	557	12-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair in Pavement)	15	L.F.		
68	604	Bank Run Gravel	60	C.Y.		
69	SPEC	Post Construction 12-Inch Sewer Cleaning and CCTV	195	L.F.		
S. Portage Path (ID 405999)						
70	202	Wearing Course Removed, 2-inches thick	45	S.Y.		
71	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	4	C.Y.		
72	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair in Pavement)	20	L.F.		
73	604	Bank Run Gravel	30	C.Y.		
74	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	250	L.F.		
Cumberland Dr. (ID 433433)						
75	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair off Pavement)	30	L.F.		
76	603	Limestone (Install as directed)	10	C.Y.		
77	659	Seeding and Mulching	50	S.Y.		
78	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	245	L.F.		
Dayton St. (ID 368253 & 368701)						

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
79	SPEC	Interior Host Pipe Repair	10	L.F.		
80	SPEC	24-inch Sanitary Sewer Reconstruction by the CIPP Process	365	L.F.		
81	SPEC	22-inch Sanitary Sewer Reconstruction by the CIPP Process (Short Liner)	1	L.S.		
82	SPEC	By-Pass Pumping Complete	1	L.S.		
83	SPEC	Post Construction 22-Inch Sewer Cleaning and CCTV	270	L.F.		
Delia Ave. (ID 406615)						
84	SPEC	12-inch Sanitary Sewer Reconstruction by the CIPP Process	180	L.F.		
W. Falor St. (ID 423244)						
85	202	Curb Removed	30	L.F.		
86	455	Curb, 6"x18"	30	L.F.		
87	557	18-inch Sanitary Sewer, VCPES, Class 'B' Bedding (in Pavement)	150	L.F.		
88	604	Bank Run Gravel	300	C.Y.		
89	SPEC	Post Construction 18-Inch Sewer Cleaning and CCTV	150	L.F.		
Firestone Pkwy. (ID 421659)						
90	201	Clearing and Grubbing	1	L.S.		
91	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	80	L.F.		
92	604	Bank Run Gravel	90	C.Y.		
93	659	Seeding and Mulching	225	S.Y.		
94	SPEC	Railroad Permitting and Insurance Allowance	1	ALLOW	\$25,000.00	\$25,000.00

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
95	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	80	L.F.		
Firestone Pkwy. (ID 422241)						
96	202	Curb Removed	10	L.F.		
97	202	Wearing Course Removed, 2-inches thick	5	S.Y.		
98	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	1	C.Y.		
99	455	Curb, 6"x18"	10	L.F.		
100	557	10-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair in Pavement)	15	L.F.		
101	604	Bank Run Gravel	10	C.Y.		
102	659	Seeding and Mulching	35	S.Y.		
103	SPEC	Post Construction 10-Inch Sewer Cleaning and CCTV	70	L.F.		
Furnace St. (ID 425754)						
104	201	Clearing and Grubbing	1	L.S.		
105	603	Limestone (Install as directed)	25	C.Y.		
106	557	10-inch Sanitary Sewer, VCPES, Class 'B' Bedding	290	L.F.		
107	659	Seeding and Mulching	525	S.Y.		
108	SPEC	Post Construction 10-Inch Sewer Cleaning and CCTV	290	L.F.		
Furnace St. (ID 415894, 415895, 415897, 425745 & 425747)						
109	202	Pipe Abandoned, 8" Pipe	1225	L.F.		
110	202	Manhole Abandoned	4	EACH		

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
Goodyear Blvd. (ID 309524)						
111	201	Clearing and Grubbing	1	L.S.		
112	456	Concrete Walk, 6 inches Thick	125	S.F.		
113	561	Manhole frame and cover (Install as directed)	1	EACH		
114	603	Limestone (Install as directed)	10	C.Y.		
115	SPEC	Locating & Raising Buried Manholes	1	ALLOW	\$50,000.00	\$50,000.00
116	SPEC	Railroad Permitting and Insurance Allowance	1	ALLOW	\$25,000.00	\$25,000.00
117	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	120	L.F.		
Green St. (ID 367952)						
118	202	Wearing Course Removed, 2-inches thick	290	S.Y.		
119	202	Water Mains Removed	50	L.F.		
120	254	6-inch Ductile Iron Pipe	32	L.F.		
121	258	6-inch Gate Valve	1	EACH		
122	259	6-inch Romac Coupling	1	EACH		
123	259	6-inch 45-Degree Bend	1	EACH		
124	259	6" x 6" x 6" Tee	1	EACH		
125	260	Fire Hydrant	1	EACH		
126	263	Tying into Existing 6-inch Main	1	EACH		
127	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	20	C.Y.		

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
128	557	24-inch Sanitary Sewer, VCPES, Class 'B' Bedding	115	L.F.		
129	559	6-inch Pipe Reconnections, VCPES, Class 'B' Bedding	20	L.F.		
130	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	2	EACH		
131	604	Bank Run Gravel	235	C.Y.		
132	659	Seeding and Mulching	120	S.Y.		
133	SPEC	By-Pass Pumping Complete	1	L.S.		
134	SPEC	Post Construction 24-Inch Sewer Cleaning and CCTV	115	L.F.		
Hawthorne Ave. (ID 402979)						
135	202	Brick Pavement Removed (Bricks Salvaged)	70	S.Y.		
136	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair in Pavement)	15	L.F.		
137	604	Bank Run Gravel	25	C.Y.		
138	661	Brick Pavement Reconstructed (Salvaged Bricks)	70	S.Y.		
139	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	250	L.F.		
Highbridge Trail (ID 367520 & 522285)						
140	201	Clearing and Grubbing	1	L.S.		
141	557	24-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair)	60	L.F.		
142	603	Limestone (Install as directed)	35	C.Y.		
143	604	Bank Run Gravel	75	C.Y.		
144	659	Seeding and Mulching	40	S.Y.		

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
145	SPEC	By-Pass Pumping Complete	1	L.S.		
146	SPEC	Post Construction 24-Inch Sewer Cleaning and CCTV	305	L.F.		
Highbrook St. (ID 415046)						
147	202	Wearing Course Removed, 2-inches thick	100	S.Y.		
148	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	7	C.Y.		
149	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair in Pavement)	30	L.F.		
150	559	6-inch Pipe Reconnections, VCPES, Class 'B' Bedding	40	L.F.		
151	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	4	EACH		
152	604	Bank Run Gravel	25	C.Y.		
153	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	135	L.F.		
Hilbish Ave. (ID 430747)						
154	202	Wearing Course Removed, 2-inches thick	40	S.Y.		
155	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	4	C.Y.		
156	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair in Pavement)	15	L.F.		
157	604	Bank Run Gravel	30	C.Y.		
158	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	355	L.F.		
N. Howard St. (ID 426411)						
159	202	Wearing Course Removed, 2-inches thick	35	S.Y.		
160	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	3	C.Y.		

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
161	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair in Pavement)	15	L.F.		
162	604	Bank Run Gravel	25	C.Y.		
163	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	175	L.F.		
Howe St. (ID 366827)						
164	202	Wearing Course Removed, 2-inches thick	240	S.Y.		
165	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	15	C.Y.		
166	557	20-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair in Pavement)	45	L.F.		
167	559	6-inch Pipe Reconnections, VCPES, Class 'B' Bedding	20	L.F.		
168	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	2	EACH		
169	604	Bank Run Gravel	130	C.Y.		
170	SPEC	By-Pass Pumping Complete	1	L.S.		
171	SPEC	Post Construction 20-Inch Sewer Cleaning and CCTV	260	L.F.		
Ira Ave. (ID 419471 & 419492)						
172	201	Tree Removed	1	EACH		
173	557	12-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair)	20	L.F.		
174	562	Manhole MH 2A on 12-Inch Sanitary Sewer	1	EACH		
175	202	Wearing Course Removed, 2-inches thick	135	S.Y.		
176	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	8	C.Y.		
177	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	110	L.F.		

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
178	604	Bank Run Gravel	160	C.Y.		
179	663	Tree Planting in Lawn Area	1	EACH		
180	SPEC	Post Construction 12-Inch Sewer Cleaning and CCTV	65	L.F.		
181	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	110	L.F.		
Jenkins Blvd. (ID 309232 & 309236)						
182	201	Clearing and Grubbing	1	L.S.		
183	561	Manhole frame and cover (Install as directed)	2	EACH		
184	603	Limestone (Install as directed)	10	C.Y.		
185	SPEC	Locating & Raising Buried Manholes	1	ALLOW	\$40,000.00	\$40,000.00
186	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	250	L.F.		
Lakewood Blvd. (ID 411519)						
187	SPEC	8-inch Sanitary Sewer Reconstruction by the CIPP Process	280	L.F.		
Lovers Lane (ID 369681)						
188	562	Manhole MH 2C on 30-Inch Sanitary Sewer	1	EACH		
189	SPEC	Interior Host Pipe Repair for 30-inch Sanitary Sewer (As Directed)	20	L.F.		
190	SPEC	30-inch Sanitary Sewer Reconstruction by the CIPP Process	350	L.F.		
191	SPEC	By-Pass Pumping Complete	1	L.S.		
N. Main St. (ID 368510)						
192	202	Wearing Course Removed, 2-inches thick	85	S.Y.		

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
193	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	6	C.Y.		
194	557	20-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair in Pavement)	20	L.F.		
195	559	6-inch Pipe Reconnections, VCPES, Class 'B' Bedding	20	L.F.		
196	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	2	EACH		
197	604	Bank Run Gravel	50	C.Y.		
198	SPEC	20-inch Sanitary Sewer Reconstruction by the CIPP Process	315	L.F.		
199	SPEC	By-Pass Pumping Complete	1	L.S.		
S. Main St. (ID 413601)						
200	202	Concrete Pavement Removed,	85	S.Y.		
201	451	9-inch Reinforced Portland Cement Concrete Pavement	85	S.Y.		
202	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair in Pavement)	30	L.F.		
203	604	Bank Run Gravel	40	C.Y.		
204	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	315	L.F.		
Mallison Ave. (MH ID 289534)						
205	561	Manhole frame and cover (Install as directed)	1	EACH		
206	SPEC	Locating & Raising Buried Manholes	1	ALLOW	\$20,000.00	\$20,000.00
207	SPEC	Post Construction 15-Inch Sewer Cleaning and CCTV	190	L.F.		
Manister Ct. (ID 403873)						
208	201	Clearing and Grubbing	1	L.S.		

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
209	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair)	30	L.F.		
210	562	Manhole Rechannelled	1	EACH		
211	659	Seeding and Mulching	100	S.Y.		
212	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	350	L.F.		
E. Market St. (ID 432518)						
213	SPEC	12-inch Sanitary Sewer Reconstruction by the CIPP Process	310	L.F.		
Merriman Rd. (ID 727480)						
214	562	Manhole MH 2C	1	EACH		
215	603	Limestone (Install as directed)	10	C.Y.		
216	SPEC	Interior Host Pipe Repair for 33-inch Sanitary Sewer (As Directed)	30	L.F.		
217	SPEC	33-inch Sanitary Sewer Reconstruction by the CIPP Process	95	L.F.		
218	SPEC	By-Pass Pumping Complete	1	L.S.		
Mohawk Ave. (ID 368110)						
219	202	Wearing Course Removed, 2-inches thick	115	S.Y.		
220	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	7	C.Y.		
221	557	24-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair in Pavement)	25	L.F.		
222	559	6-inch Pipe Reconnections, VCPES, Class 'B' Bedding	20	L.F.		
223	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	2	EACH		
224	604	Bank Run Gravel	60	C.Y.		

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
225	SPEC	By-Pass Pumping Complete	1	L.S.		
226	SPEC	Post Construction 24-Inch Sewer Cleaning and CCTV	315	L.F.		
Moon St. (ID 403785)						
227	202	Wearing Course Removed, 2-inches thick	80	S.Y.		
228	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	5	C.Y.		
229	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair in Pavement)	20	L.F.		
230	604	Bank Run Gravel	40	C.Y.		
231	659	Seeding and Mulching	25	S.Y.		
232	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	180	L.F.		
Mull Ave. (ID 394860)						
233	202	Wearing Course Removed, 2-inches thick	1100	S.Y.		
234	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	65	C.Y.		
235	557	24-inch Sanitary Sewer, VCPES, Class 'B' Bedding	275	L.F.		
236	559	6-inch Pipe Reconnections, VCPES, Class 'B' Bedding	140	L.F.		
237	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	14	EACH		
238	604	Bank Run Gravel	675	C.Y.		
239	SPEC	By-Pass Pumping Complete	1	L.S.		
240	SPEC	Post Construction 24-Inch Sewer Cleaning and CCTV	295	L.F.		
Newton St./Eastland Ave. (ID 369583)						

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
241	562	Manhole MH-3 on 63-inch Sanitary Sewer	1	EACH		
242	SPEC	Interior Host Pipe Repair for 48-inch Sanitary Sewer (As Directed)	125	S.F.		
243	SPEC	48-inch Sanitary Sewer Reconstruction by the CIPP Process	490	L.F.		
244	SPEC	By-Pass Pumping Complete	1	L.S.		
245	SPEC	Railroad Permitting and Insurance Allowance	1	ALLOW	\$25,000.00	\$25,000.00
Oakdale Ave. (ID 365297, 365298, 365997, 749550, 749549, 365998 & 365999)						
246	202	Brick Pavement Removed (Bricks Salvaged)	30	S.Y.		
247	455	Combination Curb and Gutter	20	L.F.		
248	456	Concrete Walk, 4 inches Thick	100	S.F.		
249	561	Manhole frame and cover (Install as directed)	1	EACH		
250	561	Curb Inlet (As Directed)	1	EACH		
251	562	Manhole MH-2C on 36-Inch Sanitary Sewer	2	EACH		
252	603	Limestone (Install as directed)	15	C.Y.		
253	604	Bank Run Gravel	15	C.Y.		
254	659	Seeding and Mulching	30	S.Y.		
255	661	Brick Pavement Reconstructed (Salvaged Bricks)	30	S.Y.		
256	SPEC	Locating & Raising Buried Manholes	1	ALLOW	\$20,000.00	\$20,000.00
257	SPEC	Interior Host Pipe Repair for 36-inch Sanitary Sewer (As Directed)	20	L.F.		
258	SPEC	36-inch Sanitary Sewer Reconstruction by the CIPP Process	610	L.F.		

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
259	SPEC	By-Pass Pumping Complete	1	L.S.		
Paul Williams St. (ID 426290)						
260	202	Pipe Abandoned, 12" Pipe	250	L.F.		
261	202	Manhole Abandoned	1	EACH		
Rankin St. (ID 414208)						
262	202	Brick Pavement Removed (Bricks Salvaged)	125	S.Y.		
263	202	Wearing Course Removed, 2-inches thick	140	S.Y.		
264	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	10	C.Y.		
265	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	265	L.F.		
266	559	6-inch Pipe Reconnections, VCPES, Class 'B' Bedding	220	L.F.		
267	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	22	EACH		
268	604	Bank Run Gravel	175	C.Y.		
269	661	Brick Pavement Reconstructed (Salvaged Bricks)	125	S.Y.		
270	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	265	L.F.		
Robindale Ave. (ID 437618 & 437620)						
271	202	Wearing Course Removed, 2-inches thick	500	S.Y.		
272	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	30	C.Y.		
273	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding	185	L.F.		
274	559	6-inch Pipe Reconnections, VCPES, Class 'B' Bedding	60	L.F.		

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

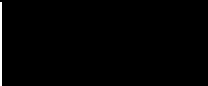
REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
275	559	6-inch Pipe Bends, VCPES, Class 'B' Bedding	6	EACH		
276	604	Bank Run Gravel	170	C.Y.		
277	SPEC	8-inch Sanitary Sewer Reconstruction by the CIPP Process	125	L.F.		
278	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	175	L.F.		
Sand Run Rd. Easement (ID 403658 & 403662)						
279	201	Clearing and Grubbing	1	L.S.		
280	659	Seeding and Mulching	500	S.Y.		
281	SPEC	8-inch Sanitary Sewer Reconstruction by the CIPP Process	755	L.F.		
State Route 8 (ID 369542)						
282	614	Maintaining Traffic	1	L.S.		
283	SPEC	24-inch Sanitary Sewer Reconstruction by the CIPP Process	300	L.F.		
284	SPEC	Removal and Replacement of Barrier Wall (As directed)	1	L.S.		
285	SPEC	By-Pass Pumping Complete	1	L.S.		
Triplett Blvd. (ID 432134)						
286	SPEC	12-inch Sanitary Sewer Reconstruction by the CIPP Process	305	L.F.		
Triplett Blvd. (ID 434666)						
287	201	Clearing and Grubbing	1	L.S.		
288	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair off Pavement)	20	L.F.		
289	561	Manhole frame and cover (Install as directed)	1	EACH		

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
290	603	Limestone (Install as directed)	5	C.Y.		
291	659	Seeding and Mulching	120	S.Y.		
292	SPEC	Locating & Raising Buried Manholes	1	ALLOW	\$20,000.00	\$20,000.00
293	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	220	L.F.		
Union Place (ID 421802)						
294	202	Wearing Course Removed, 2-inches thick	80	S.Y.		
295	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	5	C.Y.		
296	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair in Pavement)	20	L.F.		
297	604	Bank Run Gravel	20	C.Y.		
298	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	110	L.F.		
West St. (ID 428665 & 428667)						
299	202	Wearing Course Removed, 2-inches thick	65	S.Y.		
300	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	5	C.Y.		
301	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair in Pavement)	30	L.F.		
302	604	Bank Run Gravel	55	C.Y.		
303	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	495	L.F.		
Wheeler St. (ID 419068)						
304	202	Wearing Course Removed, 2-inches thick	240	S.Y.		
305	448	Asphalt Concrete Surface Course, 2-inches thick, Type 1	15	C.Y.		

BIDDING SCHEDULE FOR:Sanitary Sewer Reconstruction 2014 Phase 2

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
306	562	Manhole MH-2 on 8-inch Sanitary Sewer	1	EACH		
307	557	8-inch Sanitary Sewer, VCPES, Class 'B' Bedding (Point Repair in Pavement)	30	L.F.		
308	604	Bank Run Gravel	40	C.Y.		
309	SPEC	Post Construction 8-Inch Sewer Cleaning and CCTV	325	L.F.		
Home Ave. (ID 304827)						
310	562	Manhole Adjusted	1	EACH		
Various Locations						
311	SPEC	Sanitary Manhole Rehabilitation (Reinforced Epoxy)	567	V.F.		
Various Locations						
312	SPEC	Sanitary Manhole Rehabilitation (Multi-Layered Polymetric)	410	V.F.		
UNOFFICIAL CONSTRUCTION COST:						
PLEASE COMPLETE THE PROPOSAL FORMS BOUND HEREIN AND SUBMIT THE ENTIRE BOOK. DO NOT REMOVE ANY PAGES. ALL ERASURES MUST BE INITIALED AND DATED BY THE BIDDER.						



DENOTES LUMP SUM - UNIT PRICE

NEED NOT BE COMPLETED

BIDDING SCHEDULE CONTINUED ON NEXT PAGE

CITY OF AKRON
DEPARTMENT OF PUBLIC SERVICE, BUREAU OF ENGINEERING
ENGINEER'S ESTIMATE

ESTIMATE NO. _____ PROJECT _____
DATE _____ CONTRACTOR _____
CODE _____
FINANCE DEPT. NO. _____

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATE QUANTITY	UNIT	ACTUAL QUANTITY	UNIT PRICE	COMPLETE TO DATE
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CITY OF AKRON
DEPARTMENT OF PUBLIC SERVICE, BUREAU OF ENGINEERING
ENGINEER'S ESTIMATE

ESTIMATE NO. _____ PROJECT _____
DATE _____ CONTRACTOR _____
CODE _____
FINANCE DEPT. NO. _____

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATE QUANTITY	UNIT	ACTUAL QUANTITY	UNIT PRICE	COMPLETE TO DATE
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**CITY OF AKRON
DEPARTMENT OF PUBLIC SERVICE, BUREAU OF ENGINEERING
ENGINEER'S ESTIMATE**

ESTIMATE NO. _____ PROJECT _____
 DATE _____ CONTRACTOR _____
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REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATE QUANTITY	UNIT	ACTUAL QUANTITY	UNIT PRICE	COMPLETE TO DATE
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This is to certify that the work as listed above has been completed in accordance with the contract documents, that all items are paid for which previous certificates for payment were issued and payments received, and that the current payment is now due.

TOTAL COMPLETED TO DATE _____
 STORED MATERIALS _____
 TOTAL COMPLETED & STORED _____
 LESS _____ RETAINAGE _____
 TOTAL EARNED LESS RETAINAGE _____
 LESS PREVIOUS PAYMENTS _____
 LESS ADDITIONAL DEDUCTIONS _____
 CURRENT PAYMENT DUE _____

CONTRACTOR: _____

BY: _____

APPROVED: _____
 CONSTRUCTION ENGINEER

DATE: _____

PAYROLLS REVIEWED/QUANTITIES CHECKED BY:

_____ PROJECT MANAGER

APPROVED: _____
 CITY ENGINEER

DATE: _____

DATE OF PROJECT WORK ACCEPTANCE _____