

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Fabrizi Trucking & Paving		2. Lockhart Concrete Co.		3. H.M. Miller Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$9,000.00	\$9,000.00	\$4,700.00	\$4,700.00	\$20,000.00	\$20,000.00	\$8,900.00	\$8,900.00
2	203	Rock Excavation	100	C.Y.	\$85.00	\$8,500.00	\$75.00	\$7,500.00	\$10.00	\$1,000.00	\$1.00	\$100.00
3	603	Limestone #1 & #2, as directed by engineer	200	C.Y.	\$50.00	\$10,000.00	\$45.00	\$9,000.00	\$30.00	\$6,000.00	\$1.00	\$200.00
4	603	Limestone, as directed by engineer	200	C.Y.	\$55.00	\$11,000.00	\$45.00	\$9,000.00	\$30.00	\$6,000.00	\$1.00	\$200.00
5	613	Uniformed Law Enforcement Officer	240	HOUR	\$35.00	\$8,400.00	\$35.00	\$8,400.00	\$35.00	\$8,400.00	\$35.00	\$8,400.00
6	614	Maintaining Traffic	1	L.S.	\$7,500.00	\$7,500.00	\$5,000.00	\$5,000.00	\$25,000.00	\$25,000.00	\$6,100.00	\$6,100.00
7	618	Computer Equipment	1	Allow.	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
8	619	Field Office	1	L.S.	\$2,500.00	\$2,500.00	\$6,000.00	\$6,000.00	\$500.00	\$500.00	\$800.00	\$800.00
9	623	Construction Layout Stakes	1	L.S.	\$5,500.00	\$5,500.00	\$4,000.00	\$4,000.00	\$10,000.00	\$10,000.00	\$4,000.00	\$4,000.00
10	624	Mobilization	1	L.S.	\$8,000.00	\$8,000.00	\$28,780.00	\$28,780.00	\$30,000.00	\$30,000.00	\$38,000.00	\$38,000.00
11	SPEC	Root Cutting	200	L.F.	\$30.00	\$6,000.00	\$10.00	\$2,000.00	\$5.00	\$1,000.00	\$6.50	\$1,300.00
Wingate												
12	557	10" Sanitary Sewer Reconstruction, Class 'B' Bedding (Point Repair in earth) 10" Sanitary Sewer Reconstruction by the CIPP	5	L.F.	\$185.00	\$925.00	\$935.00	\$4,675.00	\$200.00	\$1,000.00	\$3,500.00	\$17,500.00
13	SPEC	Process	292	L.F.	\$45.00	\$13,140.00	\$46.00	\$13,432.00	\$40.00	\$11,680.00	\$41.00	\$11,972.00
14	SPEC	By-Pass Pumping Complete	1	L.S.	\$7,500.00	\$7,500.00	\$350.00	\$350.00	\$567.00	\$567.00	\$2,000.00	\$2,000.00
Carnegie												
15	SPEC	8" Sanitary Sewer Reconstruction by the CIPP Process	290	L.F.	\$40.00	\$11,600.00	\$40.00	\$11,600.00	\$34.00	\$9,860.00	\$35.00	\$10,150.00
16	SPEC	By-Pass Pumping Complete	1	L.S.	\$7,500.00	\$7,500.00	\$350.00	\$350.00	\$565.00	\$565.00	\$2,000.00	\$2,000.00
Geneva												
17	SPEC	8" Sanitary Sewer Reconstruction by the CIPP Process	365	L.F.	\$40.00	\$14,600.00	\$34.00	\$12,410.00	\$29.00	\$10,585.00	\$30.00	\$10,950.00
18	SPEC	By-Pass Pumping Complete	1	L.S.	\$8,000.00	\$8,000.00	\$350.00	\$350.00	\$640.00	\$640.00	\$2,000.00	\$2,000.00
Kentucky												
19	202	Wearing Course Removed Asphalt Concrete Surface Course, Type 1, 2-inches thick	45	S.Y.	\$5.00	\$225.00	\$25.00	\$1,125.00	\$10.00	\$450.00	\$1.00	\$45.00
20	448	8 inch Sanitary Sewer, VCPES, Class 'B' Bedding 8" Sanitary Sewer Reconstruction by the CIPP	30	L.F.	\$100.00	\$3,000.00	\$640.00	\$19,200.00	\$200.00	\$6,000.00	\$1,070.00	\$32,100.00
21	557	Process	1970	L.F.	\$40.00	\$78,800.00	\$37.00	\$72,890.00	\$34.00	\$66,980.00	\$33.00	\$65,010.00
22	SPEC	12" Sanitary Sewer Reconstruction by the CIPP Process	110	L.F.	\$60.00	\$6,600.00	\$58.00	\$6,380.00	\$51.00	\$5,610.00	\$52.00	\$5,720.00
23	SPEC	48" Diameter Sanitary Manhole Rehabilitation	15	L.F.	\$200.00	\$3,000.00	\$300.00	\$4,500.00	\$250.00	\$3,750.00	\$300.00	\$4,500.00
24	SPEC	By-Pass Pumping Complete	1	L.S.	\$15,000.00	\$15,000.00	\$350.00	\$350.00	\$2,355.00	\$2,355.00	\$2,000.00	\$2,000.00
28th Street												
25	557	8" Sanitary Sewer Reconstruction, Class 'B' Bedding (Point Repair in earth)	10	L.F.	\$175.00	\$1,750.00	\$700.00	\$7,000.00	\$200.00	\$2,000.00	\$1,945.00	\$19,450.00
26	SPEC	8" Sanitary Sewer Reconstruction by the CIPP	465	L.F.	\$40.00	\$18,600.00	\$32.00	\$14,880.00	\$27.00	\$12,555.00	\$28.00	\$13,020.00
27	SPEC	By-Pass Pumping Complete	1	L.S.	\$8,000.00	\$8,000.00	\$350.00	\$350.00	\$740.00	\$740.00	\$2,000.00	\$2,000.00
25th Street												
28	557	8" Sanitary Sewer Reconstruction, Class 'B' Bedding (Point Repair in earth)	15	L.F.	\$175.00	\$2,625.00	\$750.00	\$11,250.00	\$200.00	\$3,000.00	\$1,500.00	\$22,500.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Fabrizi Trucking & Paving		2. Lockhart Concrete Co.		3. H.M. Miller Construction	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
		8" Sanitary Sewer Reconstruction by the CIPP										
30	SPEC	Process	933	L.F.	\$40.00	\$37,320.00	\$30.00	\$27,990.00	\$26.00	\$24,258.00	\$27.00	\$25,191.00
31	SPEC	By-Pass Pumping Complete	1	L.S.	\$12,500.00	\$12,500.00	\$350.00	\$350.00	\$1,208.00	\$1,208.00	\$2,000.00	\$2,000.00
		Kohler										
32	202	Wearing Course Removed	2885	S.Y.	\$5.00	\$14,425.00	\$5.00	\$14,425.00	\$2.00	\$5,770.00	\$3.00	\$8,655.00
33	202	Manhole Removed	1	EACH	\$750.00	\$750.00	\$750.00	\$750.00	\$100.00	\$100.00	\$500.00	\$500.00
		Asphalt Concrete Surface Course, Type 1, 2-inches										
34	448	thick	155	C.Y.	\$170.00	\$26,350.00	\$235.00	\$36,425.00	\$175.00	\$27,125.00	\$175.00	\$27,125.00
35	557	8 inch Sanitary Sewer, VCPES, Class 'B' Bedding	1290	L.F.	\$100.00	\$129,000.00	\$137.00	\$176,730.00	\$200.00	\$258,000.00	\$125.00	\$161,250.00
		6 inch Pipe Reconnections, VCPES, Class 'B'										
36	559	Bedding	300	L.F.	\$85.00	\$25,500.00	\$35.00	\$10,500.00	\$60.00	\$18,000.00	\$60.00	\$18,000.00
37	559	6 inch Pipe Bends, VCPES, Class 'B' Bedding	80	EACH	\$50.00	\$4,000.00	\$55.00	\$4,400.00	\$50.00	\$4,000.00	\$65.00	\$5,200.00
38	562	Manhole MH-2A on 8-inch Sanitary Sewer	1	EACH	\$4,000.00	\$4,000.00	\$3,400.00	\$3,400.00	\$4,000.00	\$4,000.00	\$2,100.00	\$2,100.00
39	604	Bank Run Gravel	400	C.Y.	\$45.00	\$18,000.00	\$32.00	\$12,800.00	\$15.00	\$6,000.00	\$12.00	\$4,800.00
		8" Sanitary Sewer Reconstruction by the CIPP										
40	SPEC	Process	400	L.F.	\$40.00	\$16,000.00	\$34.00	\$13,600.00	\$29.00	\$11,600.00	\$30.00	\$12,000.00
41	SPEC	By-Pass Pumping Complete	1	L.S.	\$8,500.00	\$8,500.00	\$350.00	\$350.00	\$675.00	\$675.00	\$2,000.00	\$2,000.00
		Nestor										
42	557	8" Sanitary Sewer Reconstruction, Class 'B' Bedding (Point Repair in earth)	15	L.F.	\$175.00	\$2,625.00	\$700.00	\$10,500.00	\$200.00	\$3,000.00	\$1,475.00	\$22,125.00
		8" Sanitary Sewer Reconstruction by the CIPP										
43	SPEC	Process	639	L.F.	\$40.00	\$25,560.00	\$42.00	\$26,838.00	\$36.00	\$23,004.00	\$37.00	\$23,643.00
44	SPEC	By-Pass Pumping Complete	1	L.S.	\$10,000.00	\$10,000.00	\$350.00	\$350.00	\$914.00	\$914.00	\$2,000.00	\$2,000.00
		Lee Jackson Field										
		21" Combined Sewer Reconstruction by the CIPP										
45	SPEC	Process	20	L.F.	\$125.00	\$2,500.00	\$381.00	\$7,620.00	\$339.00	\$6,780.00	\$375.00	\$7,500.00
		30" Combined Sewer Reconstruction by the CIPP										
46	SPEC	Process	485	L.F.	\$170.00	\$82,450.00	\$120.00	\$58,200.00	\$106.00	\$51,410.00	\$110.00	\$53,350.00
		33" Combined Sewer Reconstruction by the CIPP										
47	SPEC	Process	680	L.F.	\$175.00	\$119,000.00	\$120.00	\$81,600.00	\$106.00	\$72,080.00	\$110.00	\$74,800.00
48	SPEC	By-Pass Pumping Complete	1	L.S.	\$20,000.00	\$20,000.00	\$16,800.00	\$16,800.00	\$16,185.00	\$16,185.00	\$42,500.00	\$42,500.00
TOTAL CONSTRUCTION COSTS						\$840,255.00		\$774,600.00		\$784,946.00		\$789,956.00
+/- ENGINEER'S ESTIMATE								-7.8%		-6.6%		-6.0%

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	4. Kenmore Construction PRICE	4. Kenmore Construction AMOUNT	5. Inland Waters Pollution PRICE	5. Inland Waters Pollution AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$9,000.00	\$9,000.00	\$6,000.00	\$6,000.00	\$13,000.00	\$13,000.00
2	203	Rock Excavation	100	C.Y.	\$85.00	\$8,500.00	\$50.00	\$5,000.00	\$10.00	\$1,000.00
3	603	Limestone #1 & #2, as directed by engineer	200	C.Y.	\$50.00	\$10,000.00	\$55.00	\$11,000.00	\$30.00	\$6,000.00
4	603	Limestone, as directed by engineer	200	C.Y.	\$55.00	\$11,000.00	\$45.00	\$9,000.00	\$30.00	\$6,000.00
5	613	Uniformed Law Enforcement Officer	240	HOUR	\$35.00	\$8,400.00	\$35.00	\$8,400.00	\$35.00	\$8,400.00
6	614	Maintaining Traffic	1	L.S.	\$7,500.00	\$7,500.00	\$50,000.00	\$50,000.00	\$15,000.00	\$15,000.00
7	618	Computer Equipment	1	Allow.	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
8	619	Field Office	1	L.S.	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00
9	623	Construction Layout Stakes	1	L.S.	\$5,500.00	\$5,500.00	\$2,000.00	\$2,000.00	\$5,500.00	\$5,500.00
10	624	Mobilization	1	L.S.	\$8,000.00	\$8,000.00	\$35,000.00	\$35,000.00	\$15,000.00	\$15,000.00
11	SPEC	Root Cutting	200	L.F.	\$30.00	\$6,000.00	\$7.00	\$1,400.00	\$5.00	\$1,000.00
Wingate										
12	557	10" Sanitary Sewer Reconstruction, Class 'B' Bedding (Point Repair in earth)	5	L.F.	\$185.00	\$925.00	\$800.00	\$4,000.00	\$200.00	\$1,000.00
10" Sanitary Sewer Reconstruction by the CIPP										
13	SPEC	Process	292	L.F.	\$45.00	\$13,140.00	\$40.00	\$11,680.00	\$40.00	\$11,680.00
14	SPEC	By-Pass Pumping Complete	1	L.S.	\$7,500.00	\$7,500.00	\$500.00	\$500.00	\$500.00	\$500.00
Carnegie										
8" Sanitary Sewer Reconstruction by the CIPP										
15	SPEC	Process	290	L.F.	\$40.00	\$11,600.00	\$35.00	\$10,150.00	\$28.00	\$8,120.00
16	SPEC	By-Pass Pumping Complete	1	L.S.	\$7,500.00	\$7,500.00	\$500.00	\$500.00	\$150.00	\$150.00
Geneva										
8" Sanitary Sewer Reconstruction by the CIPP										
17	SPEC	Process	365	L.F.	\$40.00	\$14,600.00	\$30.00	\$10,950.00	\$28.00	\$10,220.00
18	SPEC	By-Pass Pumping Complete	1	L.S.	\$8,000.00	\$8,000.00	\$500.00	\$500.00	\$150.00	\$150.00
Kentucky										
19	202	Wearing Course Removed	45	S.Y.	\$5.00	\$225.00	\$25.00	\$1,125.00	\$15.00	\$675.00
Asphalt Concrete Surface Course, Type 1, 2-inches thick										
20	448		3	C.Y.	\$170.00	\$510.00	\$550.00	\$1,650.00	\$300.00	\$900.00
21	557	8 inch Sanitary Sewer, VCPES, Class 'B' Bedding	30	L.F.	\$100.00	\$3,000.00	\$700.00	\$21,000.00	\$200.00	\$6,000.00
8" Sanitary Sewer Reconstruction by the CIPP										
22	SPEC	Process	1970	L.F.	\$40.00	\$78,800.00	\$30.00	\$59,100.00	\$28.00	\$55,160.00
12" Sanitary Sewer Reconstruction by the CIPP										
23	SPEC	Process	110	L.F.	\$60.00	\$6,600.00	\$50.00	\$5,500.00	\$60.00	\$6,600.00
24	SPEC	48" Diameter Sanitary Manhole Rehabilitation	15	L.F.	\$200.00	\$3,000.00	\$260.00	\$3,900.00	\$350.00	\$5,250.00
25	SPEC	By-Pass Pumping Complete	1	L.S.	\$15,000.00	\$15,000.00	\$500.00	\$500.00	\$750.00	\$750.00
28th Street										
8" Sanitary Sewer Reconstruction, Class 'B' Bedding										
26	557	(Point Repair in earth)	10	L.F.	\$175.00	\$1,750.00	\$900.00	\$9,000.00	\$200.00	\$2,000.00
27	SPEC	8" Sanitary Sewer Reconstruction by the CIPP	465	L.F.	\$40.00	\$18,600.00	\$26.00	\$12,090.00	\$28.00	\$13,020.00
28	SPEC	By-Pass Pumping Complete	1	L.S.	\$8,000.00	\$8,000.00	\$500.00	\$500.00	\$500.00	\$500.00
25th Street										
8" Sanitary Sewer Reconstruction, Class 'B' Bedding										
29	557	(Point Repair in earth)	15	L.F.	\$175.00	\$2,625.00	\$900.00	\$13,500.00	\$200.00	\$3,000.00

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		8" Sanitary Sewer Reconstruction by the CIPP								
30	SPEC	Process	933	L.F.	\$40.00	\$37,320.00	\$25.00	\$23,325.00	\$28.00	\$26,124.00
31	SPEC	By-Pass Pumping Complete	1	L.S.	\$12,500.00	\$12,500.00	\$500.00	\$500.00	\$500.00	\$500.00
		Kohler								
32	202	Wearing Course Removed	2885	S.Y.	\$5.00	\$14,425.00	\$3.50	\$10,097.50	\$15.00	\$43,275.00
33	202	Manhole Removed	1	EACH	\$750.00	\$750.00	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00
		Asphalt Concrete Surface Course, Type 1, 2-inches thick								
34	448		155	C.Y.	\$170.00	\$26,350.00	\$250.00	\$38,750.00	\$300.00	\$46,500.00
35	557	8 inch Sanitary Sewer, VCPES, Class 'B' Bedding	1290	L.F.	\$100.00	\$129,000.00	\$150.00	\$193,500.00	\$200.00	\$258,000.00
		6 inch Pipe Reconnections, VCPES, Class 'B' Bedding								
36	559		300	L.F.	\$85.00	\$25,500.00	\$115.00	\$34,500.00	\$50.00	\$15,000.00
37	559	6 inch Pipe Bends, VCPES, Class 'B' Bedding	80	EACH	\$50.00	\$4,000.00	\$50.00	\$4,000.00	\$60.00	\$4,800.00
38	562	Manhole MH-2A on 8-inch Sanitary Sewer	1	EACH	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00
39	604	Bank Run Gravel	400	C.Y.	\$45.00	\$18,000.00	\$0.01	\$4.00	\$20.00	\$8,000.00
		8" Sanitary Sewer Reconstruction by the CIPP								
40	SPEC	Process	400	L.F.	\$40.00	\$16,000.00	\$30.00	\$12,000.00	\$28.00	\$11,200.00
41	SPEC	By-Pass Pumping Complete	1	L.S.	\$8,500.00	\$8,500.00	\$7,000.00	\$7,000.00	\$2,500.00	\$2,500.00
		Nestor								
		8" Sanitary Sewer Reconstruction, Class 'B' Bedding (Point Repair in earth)								
42	557		15	L.F.	\$175.00	\$2,625.00	\$900.00	\$13,500.00	\$200.00	\$3,000.00
		8" Sanitary Sewer Reconstruction by the CIPP								
43	SPEC	Process	639	L.F.	\$40.00	\$25,560.00	\$35.00	\$22,365.00	\$28.00	\$17,892.00
44	SPEC	By-Pass Pumping Complete	1	L.S.	\$10,000.00	\$10,000.00	\$500.00	\$500.00	\$500.00	\$500.00
		Lee Jackson Field								
		21" Combined Sewer Reconstruction by the CIPP								
45	SPEC	Process	20	L.F.	\$125.00	\$2,500.00	\$350.00	\$7,000.00	\$315.00	\$6,300.00
		30" Combined Sewer Reconstruction by the CIPP								
46	SPEC	Process	485	L.F.	\$170.00	\$82,450.00	\$100.00	\$48,500.00	\$127.00	\$61,595.00
		33" Combined Sewer Reconstruction by the CIPP								
47	SPEC	Process	680	L.F.	\$175.00	\$119,000.00	\$100.00	\$68,000.00	\$130.00	\$88,400.00
48	SPEC	By-Pass Pumping Complete	1	L.S.	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00
TOTAL CONSTRUCTION COSTS						\$840,255.00		\$807,986.50		\$825,661.00
+/- ENGINEER'S ESTIMATE								-3.8%		-1.7%