

**ORD #0697-2018, Divisions of Sewers & Drains (Stormwater) & Water
Terrace/Broad Stormwater System Imp's & Eureka/Steele Water Line Imp's
CIP 611009-100000 & 690236-100074, DOW CT No. 2042
Bid Tabulation, Opened 1/17/18**

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Shelly & Sands, Inc.			Danbert, Inc.		
					Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
1	201	CLEARING & GRUBBING	1	LS	\$12,000.00	\$12,000.00	\$0.00	\$25,000.00	\$25,000.00	\$0.00	\$8,317.00	\$8,317.00
2	202	PIPE REMOVED, 24" & <	206	FT	\$16.00	\$3,296.00	\$0.00	\$19.50	\$4,017.00	\$0.00	\$35.00	\$7,210.00
3	202	PIPE REMOVED, OVER 24"	1,163	FT	\$48.00	\$55,824.00	\$0.00	\$14.20	\$16,514.60	\$0.00	\$58.00	\$67,454.00
4	202	CATCH BASIN REMOVED	14	EA	\$460.00	\$6,440.00	\$0.00	\$200.00	\$2,800.00	\$0.00	\$605.00	\$8,470.00
5	202	PAVEMENT REMOVED	10,155	SY	\$10.25	\$104,088.75	\$0.00	\$8.50	\$86,317.50	\$0.00	\$11.00	\$111,705.00
6	202	PAVEMENT REMOVED (CONCR. BUS PAD)	234	SY	\$11.00	\$2,574.00	\$0.00	\$17.00	\$3,978.00	\$0.00	\$17.00	\$3,978.00
7	202	WALK REMOVED	13,938	SF	\$2.10	\$29,269.80	\$0.00	\$1.00	\$13,938.00	\$0.00	\$1.55	\$21,603.90
8	202	CURB REMOVED	1,109	FT	\$5.20	\$5,766.80	\$0.00	\$3.00	\$3,327.00	\$0.00	\$3.55	\$3,936.95
9	202	STONE CURB REMOVED & SALVAGED, APP	2,626	FT	\$7.00	\$18,382.00	\$0.00	\$11.00	\$28,886.00	\$0.00	\$9.95	\$26,128.70
10	202	CURB & GUTTER REMOVED	418	FT	\$10.00	\$4,180.00	\$0.00	\$8.50	\$3,553.00	\$0.00	\$3.60	\$1,504.80
11	202	MANHOLE REMOVED	9	EA	\$653.00	\$5,877.00	\$0.00	\$250.00	\$2,250.00	\$0.00	\$605.00	\$5,445.00
12	203	EXCAVATION	1,270	CY	\$12.00	\$15,240.00	\$0.00	\$18.00	\$22,860.00	\$0.00	\$29.00	\$36,830.00
13	203	EMBANKMENT	194	CY	\$9.50	\$1,843.00	\$3.50	\$3.50	\$1,358.00	\$0.00	\$30.00	\$5,820.00
14	203	ROADWAY MISC.: SPEED HUMP	2	EA	\$4,000.00	\$8,000.00	\$6,250.00	\$6,250.00	\$25,000.00	\$101.00	\$5,000.00	\$10,202.00
15	204	SUBGRADE COMPACTION	11,381	SY	\$2.50	\$28,452.50	\$0.00	\$3.00	\$34,143.00	\$0.00	\$2.40	\$27,314.40
16	204	PROOF ROLLING	4	HR	\$250.00	\$1,000.00	\$0.00	\$175.00	\$700.00	\$0.00	\$222.00	\$888.00
17	608	CONCRETE WALK, 4"	12,952	SF	\$6.00	\$77,712.00	\$2.75	\$2.75	\$71,236.00	\$4.15	\$4.00	\$105,558.80
18	608	CONCRETE WALK, 6"	320	SF	\$8.00	\$2,560.00	\$6.00	\$6.00	\$3,840.00	\$5.25	\$4.00	\$2,960.00
19	608	CONCRETE WALK, 8"	1,422	SF	\$8.85	\$12,584.70	\$7.40	\$7.40	\$21,045.60	\$6.00	\$4.00	\$14,220.00
20	608	CURB RAMPS	38	EA	\$800.00	\$30,400.00	\$125.00	\$125.00	\$9,500.00	\$66.00	\$100.00	\$6,308.00
21	608	DETECTABLE WARNING	38	EA	\$400.00	\$15,200.00	\$137.50	\$137.50	\$10,450.00	\$77.00	\$200.00	\$10,526.00
22	SPEC	REMOVE & REINSTALL FENCE, TYPE IN-KIND	178	FT	\$25.00	\$4,450.00	\$25.00	\$25.00	\$8,900.00	\$0.00	\$33.00	\$5,874.00
23	SPEC	PIPE ROOF DRAIN	178	EA	\$75.00	\$13,350.00	\$150.00	\$150.00	\$53,400.00	\$55.00	\$100.00	\$27,590.00
24	902	INCREASED OR DECREASED EARTH EXCAVATION	3,000	CY	\$12.00	\$36,000.00	\$7.50	\$7.50	\$45,000.00	\$0.00	\$29.00	\$87,000.00
25	207	INLET PROTECTION	106	EA	\$175.00	\$18,550.00	\$125.00	\$125.00	\$26,500.00	\$85.00	\$100.00	\$19,610.00
26	207	STRAW WATTLES	6,000	FT	\$7.00	\$42,000.00	\$2.00	\$2.00	\$24,000.00	\$1.15	\$1.00	\$12,900.00
27	207	DESIGNATED CONCRETE WASHOUT AREA	6	EA	\$3,500.00	\$21,000.00	\$0.00	\$1,400.00	\$8,400.00	\$0.00	\$2,218.00	\$13,308.00
28	207	CONSTR. SEEDING & MULCHING	613	SY	\$1.35	\$827.55	\$0.50	\$0.50	\$613.00	\$0.80	\$1.00	\$1,103.40
29	601	ROCK CHANNEL PROTECTION, TYPE A, W/ FILTER	32	CY	\$95.00	\$3,040.00	\$67.50	\$67.50	\$4,320.00	\$78.00	\$100.00	\$5,696.00
30	653	TOPSOIL FURNISHED & PLACED	882	CY	\$30.90	\$27,253.80	\$32.00	\$32.00	\$56,448.00	\$29.00	\$10.00	\$34,398.00
31	659	SEEDING & MULCHING	3,436	SY	\$1.35	\$4,638.60	\$0.73	\$0.73	\$5,016.56	\$0.40	\$2.00	\$8,246.40
32	659	WATER	19	MGAL	\$21.00	\$399.00	\$0.50	\$0.50	\$19.00	\$11.00	\$100.00	\$2,109.00
33	659	COMMERCIAL FERTILIZER	0.50	TON	\$600.00	\$300.00	\$375.00	\$375.00	\$375.00	\$609.00	\$500.00	\$554.50
34	602	CONCRETE MASONRY	4	CY	\$1,300.00	\$5,200.00	\$1,500.00	\$1,500.00	\$12,000.00	\$513.00	\$200.00	\$2,852.00
35	603	4" CONDUIT, TYPE B	9	FT	\$22.00	\$198.00	\$22.50	\$22.50	\$405.00	\$16.00	\$20.00	\$324.00
36	603	4" CONDUIT, TYPE F	350	FT	\$19.00	\$6,650.00	\$9.50	\$9.50	\$6,650.00	\$7.00	\$10.00	\$5,950.00
37	603	CONDUIT MISC.: CONNECT PROPOSED SEWER INTO EXISTING PIPE OR STRUCTURE	2	EA	\$650.00	\$1,300.00	\$690.00	\$690.00	\$2,760.00	\$126.00	\$600.00	\$1,452.00
38	604	STANDARD CURB & GUTTER INLET, AA-125A	31	EA	\$3,300.00	\$102,300.00	\$1,700.00	\$1,700.00	\$105,400.00	\$1,403.00	\$2,000.00	\$105,493.00

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					Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
39	604	STANDARD DOUBLE CURB & GUTTER INLET, AA-125B	25	EA	\$3,500.00	\$87,500.00	\$2,125.00	\$2,125.00	\$106,250.00	\$1,388.00	\$3,000.00	\$109,700.00
40	604	CATCH BASIN, 42" DIAMETER, AA-S132	3	EA	\$4,000.00	\$12,000.00	\$1,575.00	\$1,575.00	\$9,450.00	\$387.00	\$2,000.00	\$7,161.00
41	604	STANDARD CATCH BASIN, 12" DIAMETER, AA-S130	3	EA	\$2,000.00	\$6,000.00	\$1,225.00	\$1,225.00	\$7,350.00	\$509.00	\$1,000.00	\$4,527.00
42	604	STANDARD CATCH BASIN, AA-S133A	3	EA	\$2,500.00	\$7,500.00	\$1,550.00	\$1,550.00	\$9,300.00	\$711.00	\$1,000.00	\$5,133.00
43	604	MANHOLE, TYPE C, AA-S102	10	EA	\$6,200.00	\$62,000.00	\$1,750.00	\$1,750.00	\$35,000.00	\$995.00	\$2,000.00	\$29,950.00
44	604	MANHOLE, TYPE E, AA-S104	26	EA	\$7,000.00	\$182,000.00	\$5,750.00	\$5,750.00	\$299,000.00	\$7,484.00	\$20,000.00	\$714,584.00
45	604	MANHOLE, TYPE F, AA-S105	5	EA	\$6,500.00	\$32,500.00	\$2,500.00	\$2,500.00	\$25,000.00	\$7,000.00	\$1,397.00	\$41,985.00
46	604	DRAINAGE STRUCTURE MISC.: TIE EXISTING SEWER INTO PROPOSED STRUCTURE	19	EA	\$650.00	\$12,350.00	\$675.00	\$675.00	\$25,650.00	\$97.00	\$800.00	\$17,043.00
47	604	DRAINAGE STRUCTURE MISC.: 18" DRAIN BASIN	3	EA	\$1,200.00	\$3,600.00	\$1,375.00	\$1,375.00	\$8,250.00	\$962.00	\$1,000.00	\$5,886.00
48	604	DRAINAGE STRUCTURE MISC.: SIDEWALK DRAIN	2	EA	\$1,000.00	\$2,000.00	\$525.00	\$525.00	\$2,100.00	\$772.00	\$2,000.00	\$5,544.00
49	605	4" BASE PIPE UNDERDRAINS	3,546	FT	\$9.50	\$33,687.00	\$4.10	\$4.10	\$29,077.20	\$6.00	\$3.00	\$31,914.00
50	901	6" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	17	FT	\$85.00	\$1,445.00	\$20.00	\$20.00	\$680.00	\$7.00	\$10.00	\$289.00
51	901	12" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	594	FT	\$90.00	\$53,460.00	\$39.00	\$39.00	\$46,332.00	\$47.00	\$50.00	\$57,618.00
52	901	12" SANITARY PIPE (C905), W/TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	262	FT	\$110.00	\$28,820.00	\$42.50	\$42.50	\$22,270.00	\$52.00	\$50.00	\$26,724.00
53	901	15" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	296	FT	\$95.00	\$28,120.00	\$42.50	\$42.50	\$25,160.00	\$72.00	\$50.00	\$36,112.00
54	901	15" SANITARY PIPE (C905), W/TYPE I BEDDING 912 & COMP. GRAN. MAT., APP	351	FT	\$120.00	\$42,120.00	\$47.50	\$47.50	\$33,345.00	\$63.00	\$50.00	\$39,663.00
55	901	18" PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. MAT.	421	FT	\$100.00	\$42,100.00	\$47.50	\$47.50	\$39,995.00	\$85.00	\$50.00	\$56,835.00
56	901	18" SANITARY PIPE (C905), W/ TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	89	FT	\$125.00	\$11,125.00	\$62.50	\$62.50	\$11,125.00	\$85.00	\$50.00	\$12,015.00
57	901	24" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	291	FT	\$120.00	\$34,920.00	\$55.00	\$55.00	\$32,010.00	\$58.00	\$100.00	\$45,978.00
58	901	24" SANITARY PIPE (C905), W/TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	349	FT	\$140.00	\$48,860.00	\$65.00	\$65.00	\$45,370.00	\$58.00	\$100.00	\$55,142.00
59	901	27" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	20	FT	\$125.00	\$2,500.00	\$105.00	\$105.00	\$4,200.00	\$85.00	\$100.00	\$3,700.00
60	901	30" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	33	FT	\$140.00	\$4,620.00	\$132.50	\$132.50	\$8,745.00	\$148.00	\$100.00	\$8,184.00
61	901	60" RCP CLASS II SANITARY PIPE, W/TYPE 2 BEDDING & 912 COMP. GRAN. MAT., APP	153	FT	\$350.00	\$53,550.00	\$217.50	\$217.50	\$66,555.00	\$216.00	\$200.00	\$63,648.00
62	901	60" SANITARY PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	190	FT	\$350.00	\$66,500.00	\$202.50	\$202.50	\$76,950.00	\$216.00	\$200.00	\$79,040.00

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63	901	64" DUCTILE IRON PIPE PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. BACKFILL	68	FT	\$400.00	\$27,200.00	\$750.00	\$750.00	\$102,000.00	\$368.00	\$1,000.00	\$93,024.00
64	901	66" RCP SANITARY PIPE, W/ TYPE 2 BEDDING & 912 COMP. GRAN. BACKFILL, APP	439	FT	\$400.00	\$175,600.00	\$250.00	\$250.00	\$219,500.00	\$240.00	\$300.00	\$237,060.00
65	901	66" SANITARY PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. BACKFILL, APP	561	FT	\$400.00	\$224,400.00	\$225.00	\$225.00	\$252,450.00	\$240.00	\$300.00	\$302,940.00
66	901	72" PIPE W/ TYPE I BEDDING & 912 COMP. GRAN. MAT.	97	FT	\$450.00	\$43,650.00	\$340.00	\$340.00	\$65,960.00	\$373.00	\$400.00	\$74,981.00
67	901	72" SANITARY PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. BACKFILL, APP	135	FT	\$600.00	\$81,000.00	\$295.00	\$295.00	\$79,650.00	\$363.00	\$400.00	\$103,005.00
68	901	78" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	239	FT	\$550.00	\$131,450.00	\$345.00	\$345.00	\$164,910.00	\$476.00	\$400.00	\$209,364.00
69	901	78" SANITARY PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	1,770	FT	\$700.00	\$1,239,000.00	\$320.00	\$320.00	\$1,132,800.00	\$465.00	\$400.00	\$1,531,050.00
70	604	INLET ADJUSTED, AS DIRECTED BY THE ENGINEER	20	EA	\$700.00	\$14,000.00	\$450.00	\$450.00	\$18,000.00	\$43.00	\$200.00	\$4,860.00
71	SPEC	PROJECT I.D. SIGNS	5	EA	\$4,000.00	\$20,000.00	\$250.00	\$250.00	\$2,500.00	\$87.00	\$800.00	\$4,435.00
72	254	PAVEMENT PLANING, ASPH. CONCRETE (1 1/4")	7,475	SY	\$2.00	\$14,950.00	\$0.00	\$4.50	\$33,637.50	\$0.00	\$5.00	\$37,375.00
73	255	FULL DEPTH PVMT. SAWING	2,052	FT	\$3.25	\$6,669.00	\$0.00	\$3.00	\$6,156.00	\$0.00	\$1.40	\$2,872.80
74	301	ASPHALT CONCRETE BASE	2,185	CY	\$130.00	\$284,050.00	\$67.50	\$67.50	\$294,975.00	\$75.00	\$75.00	\$327,750.00
75	304	AGGREGATE BASE	1,924	CY	\$57.00	\$109,668.00	\$29.00	\$29.00	\$111,592.00	\$28.00	\$30.00	\$111,592.00
76	407	TACK COAT	5,882	GAL	\$3.00	\$17,646.00	\$1.25	\$1.25	\$14,705.00	\$1.50	\$1.50	\$17,646.00
77	407	TACK COAT FOR INTERMEDIATE COURSE	5,500	GAL	\$3.20	\$17,600.00	\$1.25	\$1.25	\$13,750.00	\$1.50	\$1.50	\$16,500.00
78	448	ASPH. CONCRETE SURFACE COURSE, PG64-22	347	CY	\$160.00	\$55,520.00	\$91.00	\$91.00	\$63,154.00	\$100.00	\$100.00	\$69,400.00
79	448	ASPH. CONCRETE INTERMED. COURSE, PG64-22	483	CY	\$155.00	\$74,865.00	\$74.00	\$74.00	\$71,484.00	\$63.00	\$100.00	\$78,729.00
80	448	ASPH. CONCRETE SURFACE COURSE (HEAVY TRAFFIC PG70-22M)	187	CY	\$165.00	\$30,855.00	\$97.50	\$97.50	\$36,465.00	\$115.00	\$100.00	\$40,205.00
81	448	ASPH. CONCRETE INTERM. COURSE (HEAVY TRAFFIC PG70-22M)	253	CY	\$180.00	\$45,540.00	\$80.00	\$80.00	\$40,480.00	\$76.00	\$100.00	\$44,528.00
82	452	6" NON-REINF. PORTLAND CEMENT CONCRETE PVMT.	171	SY	\$70.00	\$11,970.00	\$45.00	\$45.00	\$15,390.00	\$30.00	\$40.00	\$11,970.00
83	452	7" NON-REINF. PORTLAND CEMENT CONCRETE PVMT.	503	SY	\$75.00	\$37,725.00	\$42.00	\$42.00	\$42,252.00	\$32.00	\$40.00	\$36,216.00
84	452	8" NON-REINF. PORTLAND CEMENT CONCRETE PVMT.	113	SY	\$80.00	\$9,040.00	\$49.00	\$49.00	\$11,074.00	\$40.00	\$40.00	\$9,040.00
85	452	10" NON-REINF. PORTLAND CEMENT CONCRETE PVMT.	254	SY	\$85.00	\$21,590.00	\$37.50	\$37.50	\$19,050.00	\$42.00	\$40.00	\$20,828.00
86	609	CURB STRAIGHT 18"	4,139	FT	\$20.00	\$82,780.00	\$22.50	\$22.50	\$186,255.00	\$13.00	\$10.00	\$95,197.00
87	609	COMBINATION CURB & GUTTER, TYPE ST&ARD	316	FT	\$27.00	\$8,532.00	\$26.00	\$26.00	\$16,432.00	\$17.00	\$20.00	\$11,692.00

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88	609	COMBINATION CURB & GUTTER, TYPE SPECIAL, 8", APP	521	FT	\$35.00	\$18,235.00	\$29.00	\$29.00	\$30,218.00	\$15.00	\$15.00	\$15,630.00
89	SPEC	CURB & WALK REPAIR	81	FT	\$68.00	\$5,508.00	\$75.00	\$75.00	\$12,150.00	\$57.00	\$50.00	\$8,667.00
90	615	PVMT. FOR MAINTAINING TRAFFIC, TYPE A	105	SY	\$55.00	\$5,775.00	\$55.00	\$55.00	\$11,550.00	\$75.00	\$75.00	\$15,750.00
91	202	PIPE REMOVED	30	FT	\$16.00	\$480.00	\$0.00	\$45.00	\$1,350.00	\$0.00	\$108.00	\$3,240.00
92	801	6" WATER PIPE & FITTINGS	98	FT	\$150.00	\$14,700.00	\$112.50	\$112.50	\$22,050.00	\$62.00	\$60.00	\$11,956.00
93	801	8" WATER PIPE & FITTINGS	3,278	FT	\$160.00	\$524,480.00	\$50.00	\$50.00	\$327,800.00	\$52.00	\$60.00	\$367,136.00
94	801	CONCR. BLOCKING, CLASS C, INCREASE OR DECREASE	10	C.Y.	\$150.00	\$1,500.00	\$65.00	\$65.00	\$1,300.00	\$52.00	\$100.00	\$1,520.00
95	801	FITTINGS, INCREASE OR DECREASE	530	PD	\$4.00	\$2,120.00	\$0.75	\$0.75	\$795.00	\$1.05	\$2.00	\$1,616.50
96	802	6" VALVES & APPUR.	10	EA	\$1,600.00	\$16,000.00	\$392.50	\$392.50	\$7,850.00	\$592.00	\$500.00	\$10,920.00
97	802	8" VALVES & APPUR.	8	EA	\$1,700.00	\$13,600.00	\$525.00	\$525.00	\$8,400.00	\$872.00	\$500.00	\$10,976.00
98	802	12 " VALVES & APPUR.	1	EA	\$2,400.00	\$2,400.00	\$1,000.00	\$1,000.00	\$2,000.00	\$1,791.00	\$1,000.00	\$2,791.00
99	803	20" X 8" TAPPING SLEEVE & VALVE & APPUR.	1	EA	\$15,000.00	\$15,000.00	\$3,875.00	\$3,875.00	\$7,750.00	\$1,820.00	\$6,000.00	\$7,820.00
100	805	3/4" WATER SERVICE TAP, XFR'D - SHORT	61	EA	\$2,300.00	\$140,300.00	\$775.00	\$775.00	\$94,550.00	\$251.00	\$1,000.00	\$76,311.00
101	805	1" WATER SERVICE TAP, XFR'D - SHORT	7	EA	\$3,000.00	\$21,000.00	\$825.00	\$825.00	\$11,550.00	\$342.00	\$1,000.00	\$9,394.00
102	805	1 1/2" WATER SERVICE TAP, XFR'D -SHORT	1	EA	\$3,200.00	\$3,200.00	\$1,325.00	\$1,325.00	\$2,650.00	\$864.00	\$1,000.00	\$1,864.00
103	805	2" WATER SERVICE TAP, XFR'D - SHORT	3	EA	\$3,500.00	\$10,500.00	\$1,500.00	\$1,500.00	\$9,000.00	\$987.00	\$1,000.00	\$5,961.00
104	805	3/4" WATER SERVICE TAP, XFR'D - LONG	42	EA	\$2,900.00	\$121,800.00	\$1,250.00	\$1,250.00	\$105,000.00	\$760.00	\$1,000.00	\$73,920.00
105	805	1" WATER SERVICE TAP, XFR'D - LONG	1	EA	\$3,500.00	\$3,500.00	\$1,375.00	\$1,375.00	\$2,750.00	\$763.00	\$1,000.00	\$1,763.00
106	805	CURB BOX	94	EA	\$350.00	\$32,900.00	\$14.00	\$14.00	\$2,632.00	\$58.00	\$0.00	\$5,452.00
107	807	VALVE BOX ADJUSTED TO GRADE	5	EA	\$320.00	\$1,600.00	\$165.00	\$165.00	\$1,650.00	\$0.00	\$339.00	\$1,695.00
108	807	SERVICE BOX ADJUSTED TO GRADE	5	EA	\$330.00	\$1,650.00	\$165.00	\$165.00	\$1,650.00	\$0.00	\$208.00	\$1,040.00
109	808	RELOCATE 4" WATER LINE OR WATER SERVICE TAP	1	EA	\$700.00	\$700.00	\$3,500.00	\$3,500.00	\$7,000.00	\$4,110.00	\$2,000.00	\$6,110.00
110	808	RELOCATE 6" WATER LINE OR WATER SERVICE TAP	9	EA	\$900.00	\$8,100.00	\$3,100.00	\$3,100.00	\$55,800.00	\$4,008.00	\$2,000.00	\$54,072.00
111	808	RELOCATE 8" WATER LINE OR WATER SERVICE TAP	6	EA	\$1,100.00	\$6,600.00	\$3,500.00	\$3,500.00	\$42,000.00	\$4,244.00	\$2,000.00	\$37,464.00
112	808	RELOCATE 12" WATER LINE OR WATER SERVICE TAP	1	EA	\$1,300.00	\$1,300.00	\$5,000.00	\$5,000.00	\$10,000.00	\$4,067.00	\$3,000.00	\$7,067.00
113	809	FIRE HYDRANT	7	EA	\$4,000.00	\$28,000.00	\$1,500.00	\$1,500.00	\$21,000.00	\$1,096.00	\$1,000.00	\$14,672.00
114	810	6" HYDRANT EXTENSION	2	EA	\$500.00	\$1,000.00	\$225.00	\$225.00	\$900.00	\$349.00	\$100.00	\$898.00
115	810	12" HYDRANT EXTENSION	2	EA	\$600.00	\$1,200.00	\$262.50	\$262.50	\$1,050.00	\$394.00	\$100.00	\$988.00
116	810	18" HYDRANT EXTENSION	2	EA	\$700.00	\$1,400.00	\$262.50	\$262.50	\$1,050.00	\$416.00	\$100.00	\$1,032.00
117	810	24" HYDRANT EXTENSION	1	EA	\$800.00	\$800.00	\$375.00	\$375.00	\$750.00	\$452.00	\$100.00	\$552.00
118	811	INCREASE OR DECREASE IN EXCAVATION OR BACKFILL	20	CY	\$25.00	\$500.00	\$12.50	\$12.50	\$500.00	\$0.00	\$48.00	\$960.00
119	816	1" WATER MAIN ABANDONED	1	EA	\$1,500.00	\$1,500.00	\$575.00	\$575.00	\$1,150.00	\$33.00	\$900.00	\$933.00

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Shelly & Sands, Inc.			Danbert, Inc.		
					Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
120	816	1.5" WATER MAIN ABANDONED	1	EA	\$2,000.00	\$2,000.00	\$575.00	\$575.00	\$1,150.00	\$33.00	\$900.00	\$933.00
121	SPEC	TEMPORARY PAVEMENT	38	CY	\$60.00	\$2,280.00	\$72.50	\$72.50	\$5,510.00	\$31.00	\$20.00	\$1,938.00
122	SPEC	SURVEY COORDINATES	1	LS	\$20,000.00	\$20,000.00	\$1,000.00	\$14,000.00	\$15,000.00	\$0.00	\$1,109.00	\$1,109.00
123	630	GROUND MOUNTED SUPPORT, NO. 3 POST	200	FT	\$9.50	\$1,900.00	\$10.00	\$10.00	\$4,000.00	\$8.00	\$8.00	\$3,200.00
124	630	STREET NAME SIGN SUPPORT, NO. 2 POST	100	FT	\$12.00	\$1,200.00	\$22.50	\$22.50	\$4,500.00	\$28.00	\$30.00	\$5,800.00
125	630	SIGN, FLAT SHEET	200	SF	\$16.50	\$3,300.00	\$12.50	\$12.50	\$5,000.00	\$14.00	\$10.00	\$4,800.00
126	630	SIGN, DOUBLE FACED, STREET NAME	5	EA	\$150.00	\$750.00	\$250.00	\$250.00	\$2,500.00	\$49.00	\$600.00	\$3,245.00
127	630	REMOVAL OF GROUND MOUNTED SIGN & DISPOSAL	20	EA	\$16.50	\$330.00	\$0.00	\$25.00	\$500.00	\$0.00	\$44.00	\$880.00
128	630	REMOVAL OF GROUND MOUNTED POST SUPPORT & DISPOSAL	20	EA	\$20.00	\$400.00	\$0.00	\$25.00	\$500.00	\$0.00	\$44.00	\$880.00
129	632	DETECTOR LOOP, APP	1	EA	\$1,400.00	\$1,400.00	\$1,287.50	\$1,287.50	\$2,575.00	\$857.00	\$2,000.00	\$2,857.00
130	644	LANE LINE	0.34	MILE	\$1,400.00	\$476.00	\$825.00	\$825.00	\$561.00	\$830.00	\$1,000.00	\$622.20
131	644	CENTER LINE	0.65	MILE	\$3,900.00	\$2,535.00	\$2,546.00	\$2,546.00	\$3,309.80	\$646.00	\$5,000.00	\$3,669.90
132	644	EDGE LINE	0.01	MILE	\$2,300.00	\$23.00	\$1,932.50	\$1,932.50	\$38.65	\$286.00	\$4,000.00	\$42.86
133	644	STOP LINE, 20"	253	FT	\$7.20	\$1,821.60	\$2.65	\$2.65	\$1,340.90	\$0.95	\$5.00	\$1,505.35
134	644	CHANNELIZING LINE, 10"	3,568	FT	\$2.00	\$7,136.00	\$0.70	\$0.70	\$4,995.20	\$0.50	\$1.00	\$5,352.00
135	644	CROSSWALK LINE, TYPE 1	1,013	FT	\$3.40	\$3,444.20	\$1.25	\$1.25	\$2,532.50	\$0.75	\$2.00	\$2,785.75
136	644	DOTTED LINE	772	FT	\$2.20	\$1,698.40	\$0.70	\$0.70	\$1,080.80	\$0.50	\$1.00	\$1,158.00
137	644	LANE ARROW	23	EA	\$110.00	\$2,530.00	\$42.50	\$42.50	\$1,955.00	\$14.00	\$80.00	\$2,162.00
138	644	WORD ON PAVEMENT, 72"	2	EA	\$135.00	\$270.00	\$55.00	\$55.00	\$220.00	\$22.00	\$100.00	\$244.00
139	644	TRANVERSE LINE	692	FT	\$5.50	\$3,806.00	\$2.70	\$2.70	\$3,736.80	\$0.95	\$5.00	\$4,117.40
140	644	PARKING LOT STALL MARKING	186	FT	\$7.00	\$1,302.00	\$0.80	\$0.80	\$297.60	\$0.85	\$1.00	\$344.10
141	647	SPEED HUMP MARKING	8	EA	\$250.00	\$2,000.00	\$66.00	\$66.00	\$1,056.00	\$46.00	\$100.00	\$1,168.00
142	647	BIKE MARKING	13	EA	\$325.00	\$4,225.00	\$152.50	\$152.50	\$3,965.00	\$38.00	\$300.00	\$4,394.00
143	647	BIKE MARKING, APP	6	EA	\$350.00	\$2,100.00	\$487.50	\$487.50	\$5,850.00	\$81.00	\$1,000.00	\$6,486.00
144	647	PAVEMENT MARKING MISC.: SHARROW	17	EA	\$350.00	\$5,950.00	\$140.00	\$140.00	\$4,760.00	\$10.00	\$300.00	\$5,270.00
145	603	CONDUIT MISC.: CONNECT PROPOSED SEWER INTO EXISTING PIPE OR STRUCTURE	1	EA	\$650.00	\$650.00	\$600.00	\$600.00	\$1,200.00	\$469.00	\$1,000.00	\$1,469.00
146	604	STRUCTURE MISC.: TIE EXISTING SEWER INTO PROPOSED STRUCTURE	1	EA	\$650.00	\$650.00	\$875.00	\$875.00	\$1,750.00	\$349.00	\$2,000.00	\$2,349.00
147	604	MANHOLE, TYPE C, AA-S102	1	EA	\$9,000.00	\$9,000.00	\$2,000.00	\$2,000.00	\$4,000.00	\$1,954.00	\$2,000.00	\$3,954.00
148	901	10" SANITARY PIPE, W/ TYPE I BEDDING & COMP. GRAN. MAT.	35	FT	\$120.00	\$4,200.00	\$162.50	\$162.50	\$11,375.00	\$69.00	\$100.00	\$5,915.00
149	SPECIAL	SANITARY SERVICE RELOC. (AS DIRECTED BY ENGINEER)	1	LS	\$75,000.00	\$75,000.00	\$0.00	\$75,000.00	\$75,000.00	\$0.00	\$75,000.00	\$75,000.00
150	202	WALK REMOVED	100	SF	\$2.10	\$210.00	\$0.00	\$2.50	\$250.00	\$2.05	\$5.00	\$705.00
151	410	TRAFFIC COMP. SURFACE, TYPE A OR B	200	CY	\$125.00	\$25,000.00	\$35.00	\$35.00	\$14,000.00	\$35.00	\$30.00	\$13,000.00
152	608	4' CONCRETE WALK	100	SF	\$6.00	\$600.00	\$7.15	\$7.15	\$1,430.00	\$6.00	\$5.00	\$1,100.00
153	614	ASPHALT FOR MAINTAINING TRAFFIC	200	CY	\$190.00	\$38,000.00	\$105.00	\$105.00	\$42,000.00	\$66.00	\$100.00	\$33,200.00
154	614	MAINTAINING TRAFFIC	1	LS	\$55,000.00	\$55,000.00	\$25,000.00	\$263,000.00	\$288,000.00	\$0.00	\$132,537.00	\$132,537.00

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Shelly & Sands, Inc.			Danbert, Inc.		
					Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
155	614	DETOUR SIGNING	1	LS	\$10,000.00	\$10,000.00	\$1,075.00	\$1,075.00	\$2,150.00	\$0.00	\$11,089.00	\$11,089.00
156	614	REPLACEMENT SIGN	100	SF	\$20.00	\$2,000.00	\$7.50	\$7.50	\$1,500.00	\$7.00	\$10.00	\$1,700.00
157	614	REPLACEMENT DRUM	100	EA	\$65.00	\$6,500.00	\$25.00	\$25.00	\$5,000.00	\$25.00	\$30.00	\$5,500.00
158	614	WORK ZONE CENTER LINE	0.76	MILE	\$1,300.00	\$988.00	\$920.00	\$920.00	\$1,398.40	\$40.00	\$2,000.00	\$1,550.40
159	614	WORK ZONE EDGE LINE	1.69	MILE	\$1,000.00	\$1,690.00	\$570.00	\$570.00	\$1,926.60	\$264.00	\$1,000.00	\$2,136.16
160	614	WORK ZONE STOP LINE	202	FT	\$5.00	\$1,010.00	\$1.85	\$1.85	\$747.40	\$0.10	\$4.00	\$828.20
161	614	WORK ZONE CHANNELIZING LINE	420	FT	\$0.75	\$315.00	\$0.40	\$0.40	\$336.00	\$0.40	\$0.45	\$357.00
162	614	WORK ZONE LANE ARROW	6	EA	\$85.00	\$510.00	\$80.00	\$80.00	\$960.00	\$77.00	\$100.00	\$1,062.00
163	614	WORK ZONE WORD ON PAVEMENT, 72"	2	EA	\$125.00	\$250.00	\$80.00	\$80.00	\$320.00	\$77.00	\$100.00	\$354.00
164	614	WORK ZONE BIKE MARKING	2	EA	\$200.00	\$400.00	\$80.00	\$80.00	\$320.00	\$77.00	\$100.00	\$354.00
165	614	LAW ENFORCEMENT OFFICER (LEO) W/ PATROL CAR, APP	40	HR	\$100.00	\$4,000.00	\$0.00	\$72.00	\$2,880.00	\$0.00	\$111.00	\$4,440.00
166	614	LAW ENFORCEMENT OFFICER (LEO) W/O PATROL CAR, APP	40	HR	\$75.00	\$3,000.00	\$0.00	\$55.00	\$2,200.00	\$0.00	\$83.00	\$3,320.00
167	614	MAINTAINING TRAFFIC MISC.: TEMP. VIDEO DETECTION SYS.	2	EA	\$15,000.00	\$30,000.00	\$3,500.00	\$3,500.00	\$14,000.00	\$0.00	\$7,186.00	\$14,372.00
168	615	PAVEMENT FOR MAINTAINING TRAFFIC, TYPE B	1,000	SY	\$65.00	\$65,000.00	\$32.50	\$32.50	\$65,000.00	\$43.00	\$40.00	\$83,000.00
169	616	DUST CONTROL, COMPLETE.	1	LS	\$20,000.00	\$20,000.00	\$31,000.00	\$31,000.00	\$62,000.00	\$0.00	\$5,544.00	\$5,544.00
170	622	PORTABLE BARRIER, 32"	968	FT	\$12.50	\$12,100.00	\$10.00	\$10.00	\$19,360.00	\$17.00	\$30.00	\$45,496.00
171	625	CONDUIT 1", 1-1/2" OR 2" DIA.	100	FT	\$11.50	\$1,150.00	\$7.10	\$7.10	\$1,420.00	\$6.00	\$10.00	\$1,600.00
172	625	TRENCH	100	FT	\$7.75	\$775.00	\$8.50	\$8.50	\$1,700.00	\$9.00	\$10.00	\$1,900.00
173	625	PULL BOX, APP	2	EA	\$900.00	\$1,800.00	\$408.00	\$408.00	\$1,632.00	\$505.00	\$400.00	\$1,810.00
174	632	CONDUIT RISER 1", 1-1/2" OR 2" INCH DIA.	50	FT	\$32.00	\$1,600.00	\$37.50	\$37.50	\$3,750.00	\$40.00	\$40.00	\$4,000.00
175	632	DETECTOR LOOP	10	EA	\$1,200.00	\$12,000.00	\$1,182.50	\$1,182.50	\$23,650.00	\$623.00	\$2,000.00	\$26,230.00
176	632	LOOP DETECTOR LEAD-IN CABLE	100	FT	\$2.50	\$250.00	\$3.75	\$3.75	\$750.00	\$0.30	\$8.00	\$830.00
177	632	LASH/UNLASH CABLE	100	FT	\$2.50	\$250.00	\$3.25	\$3.25	\$650.00	\$1.00	\$6.00	\$700.00
178	815	CRUSHED STONE OR GRAVEL	25	CY	\$50.00	\$1,250.00	\$45.00	\$45.00	\$2,250.00	\$64.00	\$50.00	\$2,850.00
179	SPECIAL	LIGHT POLE RELOCATION	1	EA	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00	\$3,000.00	\$194.00	\$3,000.00	\$3,194.00
180	661	DECIDUOUS TREE, 2.5", LONDON PLANE TREE	5	EA	\$700.00	\$3,500.00	\$437.50	\$437.50	\$4,375.00	\$600.00	\$71.00	\$3,355.00
181	661	DECIDUOUS TREE, 2.5", TRIDENT MAPLE	5	EA	\$725.00	\$3,625.00	\$437.50	\$437.50	\$4,375.00	\$600.00	\$71.00	\$3,355.00
182	661	DECIDUOUS TREE, 2.5", RED OAK	5	EA	\$750.00	\$3,750.00	\$437.50	\$437.50	\$4,375.00	\$600.00	\$71.00	\$3,355.00
183	662	LANDSCAPE WATERING	600	GAL	\$5.00	\$3,000.00	\$0.50	\$0.50	\$600.00	\$0.20	\$2.00	\$1,320.00
184	623	TYPE B CPM PROGRESS SCHEDULE	1	LS	\$24,000.00	\$24,000.00	\$500.00	\$9,540.00	\$10,040.00	\$0.00	\$11,089.00	\$11,089.00
185	623	CONSTR. LAYOUT STAKES	1	LS	\$25,000.00	\$25,000.00	\$2,000.00	\$100,000.00	\$102,000.00	\$722.00	\$27,000.00	\$27,722.00
186	624	MOBILIZATION	1	LS	\$100,000.00	\$100,000.00	\$10,000.00	\$190,000.00	\$200,000.00	\$0.00	\$23,272.00	\$23,272.00
187	SS 4	STORM SEWER CLEANING	500	FT	\$20.00	\$10,000.00	\$0.00	\$13.00	\$6,500.00	\$0.00	\$5.55	\$2,775.00
		SUBTOTAL:				\$6,015,972.70			\$6,607,655.61			\$7,166,298.47
188	SPEC	CONTINGENCY (15%)	1.00	LS		\$902,395.91			\$991,148.34			\$1,074,944.77
		GRAND TOTAL:				\$6,918,368.61			\$7,598,803.95			\$8,241,243.24
		% DIFFERENCE FROM ENGINEER'S ESTIMATE							9.8%			19.1%
		% DIFFERENCE WITHIN LOWEST BIDDER							n/a			8.5%

					Engineer's Estimate		Shelly & Sands, Inc.			Danbert, Inc.		
Ref. #	Item #	Description	QTY	Units	Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
Contract Compliance #, Expiration Date, Category, DAX #							31-4351261 (12/21/19, MAJ, 6043)			31-1029004 (7/6/18, MAJ, 4618)		

*APP = As Per Plan

**ORD #0697-2018, Divisions of Sewers & Drains (Stormwater) & Water
Terrace/Broad Stormwater System Imp's & Eureka/Steele Water Line Imp's
CIP 611009-100000 & 690236-100074, DOW CT No. 2042
Bid Tabulation, Opened 1/17/18**

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Complete General Construction			George J. Igel & Co., Inc.		
					Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
1	201	CLEARING & GRUBBING	1	LS	\$12,000.00	\$12,000.00	\$90,000.00	\$60,000.00	\$150,000.00	\$0.00	\$25,000.00	\$25,000.00
2	202	PIPE REMOVED, 24" & <	206	FT	\$16.00	\$3,296.00	\$6.00	\$4.00	\$2,060.00	\$5.00	\$10.00	\$3,090.00
3	202	PIPE REMOVED, OVER 24"	1,163	FT	\$48.00	\$55,824.00	\$9.00	\$6.00	\$17,445.00	\$5.00	\$15.00	\$23,260.00
4	202	CATCH BASIN REMOVED	14	EA	\$460.00	\$6,440.00	\$240.00	\$160.00	\$5,600.00	\$0.00	\$165.00	\$2,310.00
5	202	PAVEMENT REMOVED	10,155	SY	\$10.25	\$104,088.75	\$5.40	\$3.60	\$91,395.00	\$0.00	\$12.00	\$121,860.00
6	202	PAVEMENT REMOVED (CONCR. BUS PAD)	234	SY	\$11.00	\$2,574.00	\$9.00	\$6.00	\$3,510.00	\$0.00	\$20.00	\$4,680.00
7	202	WALK REMOVED	13,938	SF	\$2.10	\$29,269.80	\$0.90	\$0.60	\$20,907.00	\$0.00	\$1.50	\$20,907.00
8	202	CURB REMOVED	1,109	FT	\$5.20	\$5,766.80	\$3.00	\$2.00	\$5,545.00	\$0.00	\$3.25	\$3,604.25
9	202	STONE CURB REMOVED & SALVAGED, APP	2,626	FT	\$7.00	\$18,382.00	\$5.40	\$3.60	\$23,634.00	\$1.00	\$6.00	\$18,382.00
10	202	CURB & GUTTER REMOVED	418	FT	\$10.00	\$4,180.00	\$3.90	\$2.60	\$2,717.00	\$0.00	\$5.00	\$2,090.00
11	202	MANHOLE REMOVED	9	EA	\$653.00	\$5,877.00	\$360.00	\$240.00	\$5,400.00	\$0.00	\$320.00	\$2,880.00
12	203	EXCAVATION	1,270	CY	\$12.00	\$15,240.00	\$10.20	\$6.80	\$21,590.00	\$0.00	\$40.00	\$50,800.00
13	203	EMBANKMENT	194	CY	\$9.50	\$1,843.00	\$4.20	\$2.80	\$1,358.00	\$0.00	\$20.00	\$3,880.00
14	203	ROADWAY MISC.: SPEED HUMP	2	EA	\$4,000.00	\$8,000.00	\$3,000.00	\$2,000.00	\$10,000.00	\$1,000.00	\$850.00	\$3,700.00
15	204	SUBGRADE COMPACTION	11,381	SY	\$2.50	\$28,452.50	\$0.90	\$0.60	\$17,071.50	\$0.00	\$6.00	\$68,286.00
16	204	PROOF ROLLING	4	HR	\$250.00	\$1,000.00	\$105.00	\$70.00	\$700.00	\$0.00	\$130.00	\$520.00
17	608	CONCRETE WALK, 4"	12,952	SF	\$6.00	\$77,712.00	\$3.00	\$2.00	\$64,760.00	\$3.25	\$4.00	\$93,902.00
18	608	CONCRETE WALK, 6"	320	SF	\$8.00	\$2,560.00	\$3.60	\$2.40	\$1,920.00	\$5.00	\$7.25	\$3,920.00
19	608	CONCRETE WALK, 8"	1,422	SF	\$8.85	\$12,584.70	\$4.20	\$2.80	\$9,954.00	\$4.00	\$5.00	\$12,798.00
20	608	CURB RAMPS	38	EA	\$800.00	\$30,400.00	\$90.00	\$60.00	\$5,700.00	\$0.00	\$425.00	\$16,150.00
21	608	DETECTABLE WARNING	38	EA	\$400.00	\$15,200.00	\$150.00	\$100.00	\$9,500.00	\$150.00	\$50.00	\$7,600.00
22	SPEC	REMOVE & REINSTALL FENCE, TYPE IN-KIND	178	FT	\$25.00	\$4,450.00	\$30.00	\$20.00	\$8,900.00	\$40.00	\$20.00	\$10,680.00
23	SPEC	PIPE ROOF DRAIN	178	EA	\$75.00	\$13,350.00	\$45.00	\$30.00	\$13,350.00	\$40.00	\$200.00	\$42,720.00
24	902	INCREASED OR DECREASED EARTH EXCAVATION	3,000	CY	\$12.00	\$36,000.00	\$6.60	\$4.40	\$33,000.00	\$15.00	\$8.00	\$69,000.00
25	207	INLET PROTECTION	106	EA	\$175.00	\$18,550.00	\$72.00	\$48.00	\$12,720.00	\$64.00	\$60.00	\$13,144.00
26	207	STRAW WATTLES	6,000	FT	\$7.00	\$42,000.00	\$1.20	\$0.80	\$12,000.00	\$1.00	\$1.00	\$12,000.00
27	207	DESIGNATED CONCRETE WASHOUT AREA	6	EA	\$3,500.00	\$21,000.00	\$570.00	\$380.00	\$5,700.00	\$1,500.00	\$2,000.00	\$21,000.00
28	207	CONSTR. SEEDING & MULCHING	613	SY	\$1.35	\$827.55	\$0.60	\$0.40	\$613.00	\$0.15	\$0.30	\$275.85
29	601	ROCK CHANNEL PROTECTION, TYPE A, W/ FILTER	32	CY	\$95.00	\$3,040.00	\$58.80	\$39.20	\$3,136.00	\$50.00	\$100.00	\$4,800.00
30	653	TOPSOIL FURNISHED & PLACED	882	CY	\$30.90	\$27,253.80	\$15.00	\$10.00	\$22,050.00	\$0.00	\$39.00	\$34,398.00
31	659	SEEDING & MULCHING	3,436	SY	\$1.35	\$4,638.60	\$0.87	\$0.58	\$4,982.20	\$0.25	\$1.30	\$5,325.80
32	659	WATER	19	MGAL	\$21.00	\$399.00	\$0.60	\$0.40	\$19.00	\$0.00	\$1.00	\$19.00
33	659	COMMERCIAL FERTILIZER	0.50	TON	\$600.00	\$300.00	\$450.00	\$300.00	\$375.00	\$750.00	\$375.00	\$562.50
34	602	CONCRETE MASONRY	4	CY	\$1,300.00	\$5,200.00	\$570.00	\$380.00	\$3,800.00	\$500.00	\$1,000.00	\$6,000.00
35	603	4" CONDUIT, TYPE B	9	FT	\$22.00	\$198.00	\$21.00	\$14.00	\$315.00	\$10.00	\$10.00	\$180.00
36	603	4" CONDUIT, TYPE F	350	FT	\$19.00	\$6,650.00	\$9.00	\$6.00	\$5,250.00	\$10.00	\$10.00	\$7,000.00
37	603	CONDUIT MISC.: CONNECT PROPOSED SEWER INTO EXISTING PIPE OR STRUCTURE	2	EA	\$650.00	\$1,300.00	\$372.00	\$248.00	\$1,240.00	\$300.00	\$1,900.00	\$4,400.00
38	604	STANDARD CURB & GUTTER INLET, AA-125A	31	EA	\$3,300.00	\$102,300.00	\$1,680.00	\$1,120.00	\$86,800.00	\$1,000.00	\$2,000.00	\$93,000.00

					Engineer's Estimate		Complete General Construction			George J. Igel & Co., Inc.		
Ref. #	Item #	Description	QTY	Units	Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
39	604	STANDARD DOUBLE CURB & GUTTER INLET, AA-125B	25	EA	\$3,500.00	\$87,500.00	\$2,160.00	\$1,440.00	\$90,000.00	\$2,000.00	\$2,000.00	\$100,000.00
40	604	CATCH BASIN, 42" DIAMETER, AA-S132	3	EA	\$4,000.00	\$12,000.00	\$1,440.00	\$960.00	\$7,200.00	\$800.00	\$1,000.00	\$5,400.00
41	604	STANDARD CATCH BASIN, 12" DIAMETER, AA-S130	3	EA	\$2,000.00	\$6,000.00	\$480.00	\$320.00	\$2,400.00	\$500.00	\$500.00	\$3,000.00
42	604	STANDARD CATCH BASIN, AA-S133A	3	EA	\$2,500.00	\$7,500.00	\$1,200.00	\$800.00	\$6,000.00	\$600.00	\$700.00	\$3,900.00
43	604	MANHOLE, TYPE C, AA-S102	10	EA	\$6,200.00	\$62,000.00	\$3,000.00	\$2,000.00	\$50,000.00	\$1,000.00	\$1,000.00	\$20,000.00
44	604	MANHOLE, TYPE E, AA-S104	26	EA	\$7,000.00	\$182,000.00	\$11,400.00	\$7,600.00	\$494,000.00	\$15,000.00	\$2,100.00	\$444,600.00
45	604	MANHOLE, TYPE F, AA-S105	5	EA	\$6,500.00	\$32,500.00	\$7,500.00	\$5,000.00	\$62,500.00	\$10,000.00	\$2,000.00	\$60,000.00
46	604	DRAINAGE STRUCTURE MISC.: TIE EXISTING SEWER INTO PROPOSED STRUCTURE	19	EA	\$650.00	\$12,350.00	\$270.00	\$180.00	\$8,550.00	\$100.00	\$700.00	\$15,200.00
47	604	DRAINAGE STRUCTURE MISC.: 18" DRAIN BASIN	3	EA	\$1,200.00	\$3,600.00	\$600.00	\$400.00	\$3,000.00	\$800.00	\$400.00	\$3,600.00
48	604	DRAINAGE STRUCTURE MISC.: SIDEWALK DRAIN	2	EA	\$1,000.00	\$2,000.00	\$420.00	\$280.00	\$1,400.00	\$250.00	\$250.00	\$1,000.00
49	605	4" BASE PIPE UNDERDRAINS	3,546	FT	\$9.50	\$33,687.00	\$7.80	\$5.20	\$46,098.00	\$5.00	\$4.00	\$31,914.00
50	901	6" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	17	FT	\$85.00	\$1,445.00	\$21.00	\$14.00	\$595.00	\$15.00	\$30.00	\$765.00
51	901	12" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	594	FT	\$90.00	\$53,460.00	\$58.80	\$39.20	\$58,212.00	\$50.00	\$45.00	\$56,430.00
52	901	12" SANITARY PIPE (C905), W/TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	262	FT	\$110.00	\$28,820.00	\$78.00	\$52.00	\$34,060.00	\$100.00	\$70.00	\$44,540.00
53	901	15" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	296	FT	\$95.00	\$28,120.00	\$66.00	\$44.00	\$32,560.00	\$80.00	\$50.00	\$38,480.00
54	901	15" SANITARY PIPE (C905), W/TYPE I BEDDING 912 & COMP. GRAN. MAT., APP	351	FT	\$120.00	\$42,120.00	\$78.00	\$52.00	\$45,630.00	\$110.00	\$70.00	\$63,180.00
55	901	18" PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. MAT.	421	FT	\$100.00	\$42,100.00	\$75.00	\$50.00	\$52,625.00	\$90.00	\$50.00	\$58,940.00
56	901	18" SANITARY PIPE (C905), W/ TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	89	FT	\$125.00	\$11,125.00	\$90.00	\$60.00	\$13,350.00	\$120.00	\$70.00	\$16,910.00
57	901	24" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	291	FT	\$120.00	\$34,920.00	\$78.00	\$52.00	\$37,830.00	\$100.00	\$50.00	\$43,650.00
58	901	24" SANITARY PIPE (C905), W/TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	349	FT	\$140.00	\$48,860.00	\$96.00	\$64.00	\$55,840.00	\$130.00	\$70.00	\$69,800.00
59	901	27" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	20	FT	\$125.00	\$2,500.00	\$252.00	\$168.00	\$8,400.00	\$250.00	\$175.00	\$8,500.00
60	901	30" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	33	FT	\$140.00	\$4,620.00	\$240.00	\$160.00	\$13,200.00	\$300.00	\$425.00	\$23,925.00
61	901	60" RCP CLASS II SANITARY PIPE, W/TYPE 2 BEDDING & 912 COMP. GRAN. MAT., APP	153	FT	\$350.00	\$53,550.00	\$363.00	\$242.00	\$92,565.00	\$320.00	\$200.00	\$79,560.00
62	901	60" SANITARY PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	190	FT	\$350.00	\$66,500.00	\$363.00	\$242.00	\$114,950.00	\$320.00	\$120.00	\$83,600.00

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Complete General Construction			George J. Igel & Co., Inc.		
					Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
63	901	64" DUCTILE IRON PIPE PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. BACKFILL	68	FT	\$400.00	\$27,200.00	\$918.00	\$612.00	\$104,040.00	\$1,500.00	\$660.00	\$146,880.00
64	901	66" RCP SANITARY PIPE, W/ TYPE 2 BEDDING & 912 COMP. GRAN. BACKFILL, APP	439	FT	\$400.00	\$175,600.00	\$405.00	\$270.00	\$296,325.00	\$410.00	\$200.00	\$267,790.00
65	901	66" SANITARY PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. BACKFILL, APP	561	FT	\$400.00	\$224,400.00	\$369.00	\$246.00	\$345,015.00	\$360.00	\$200.00	\$314,160.00
66	901	72" PIPE W/ TYPE I BEDDING & 912 COMP. GRAN. MAT.	97	FT	\$450.00	\$43,650.00	\$575.00	\$375.00	\$92,150.00	\$500.00	\$500.00	\$97,000.00
67	901	72" SANITARY PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. BACKFILL, APP	135	FT	\$600.00	\$81,000.00	\$500.00	\$350.00	\$114,750.00	\$500.00	\$300.00	\$108,000.00
68	901	78" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	239	FT	\$550.00	\$131,450.00	\$500.00	\$350.00	\$203,150.00	\$625.00	\$475.00	\$262,900.00
69	901	78" SANITARY PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	1,770	FT	\$700.00	\$1,239,000.00	\$500.00	\$385.00	\$1,566,450.00	\$600.00	\$353.00	\$1,686,810.00
70	604	INLET ADJUSTED, AS DIRECTED BY THE ENGINEER	20	EA	\$700.00	\$14,000.00	\$360.00	\$240.00	\$12,000.00	\$175.00	\$300.00	\$9,500.00
71	SPEC	PROJECT I.D. SIGNS	5	EA	\$4,000.00	\$20,000.00	\$480.00	\$320.00	\$4,000.00	\$300.00	\$200.00	\$2,500.00
72	254	PAVEMENT PLANING, ASPH. CONCRETE (1 1/4")	7,475	SY	\$2.00	\$14,950.00	\$2.70	\$1.80	\$33,637.50	\$0.00	\$5.50	\$41,112.50
73	255	FULL DEPTH PVMT. SAWING	2,052	FT	\$3.25	\$6,669.00	\$1.08	\$0.72	\$3,693.60	\$0.00	\$2.00	\$4,104.00
74	301	ASPHALT CONCRETE BASE	2,185	CY	\$130.00	\$284,050.00	\$87.00	\$58.00	\$316,825.00	\$120.00	\$40.00	\$349,600.00
75	304	AGGREGATE BASE	1,924	CY	\$57.00	\$109,668.00	\$31.20	\$20.80	\$100,048.00	\$25.00	\$20.00	\$86,580.00
76	407	TACK COAT	5,882	GAL	\$3.00	\$17,646.00	\$1.50	\$1.00	\$14,705.00	\$4.50	\$0.50	\$29,410.00
77	407	TACK COAT FOR INTERMEDIATE COURSE	5,500	GAL	\$3.20	\$17,600.00	\$1.50	\$1.00	\$13,750.00	\$4.50	\$3.50	\$44,000.00
78	448	ASPH. CONCRETE SURFACE COURSE, PG64-22	347	CY	\$160.00	\$55,520.00	\$109.20	\$72.80	\$63,154.00	\$150.00	\$70.00	\$76,340.00
79	448	ASPH. CONCRETE INTERMED. COURSE, PG64-22	483	CY	\$155.00	\$74,865.00	\$88.80	\$59.20	\$71,484.00	\$130.00	\$45.00	\$84,525.00
80	448	ASPH. CONCRETE SURFACE COURSE (HEAVY TRAFFIC PG70-22M)	187	CY	\$165.00	\$30,855.00	\$117.00	\$78.00	\$36,465.00	\$200.00	\$125.00	\$60,775.00
81	448	ASPH. CONCRETE INTERM. COURSE (HEAVY TRAFFIC PG70-22M)	253	CY	\$180.00	\$45,540.00	\$96.00	\$64.00	\$40,480.00	\$175.00	\$95.00	\$68,310.00
82	452	6" NON-REINF. PORTLAND CEMENT CONCRETE PVMT.	171	SY	\$70.00	\$11,970.00	\$36.00	\$24.00	\$10,260.00	\$30.00	\$90.00	\$20,520.00
83	452	7" NON-REINF. PORTLAND CEMENT CONCRETE PVMT.	503	SY	\$75.00	\$37,725.00	\$39.00	\$26.00	\$32,695.00	\$35.00	\$35.00	\$35,210.00
84	452	8" NON-REINF. PORTLAND CEMENT CONCRETE PVMT.	113	SY	\$80.00	\$9,040.00	\$42.00	\$28.00	\$7,910.00	\$40.00	\$45.00	\$9,605.00
85	452	10" NON-REINF. PORTLAND CEMENT CONCRETE PVMT.	254	SY	\$85.00	\$21,590.00	\$45.00	\$30.00	\$19,050.00	\$50.00	\$50.00	\$25,400.00
86	609	CURB STRAIGHT 18"	4,139	FT	\$20.00	\$82,780.00	\$12.00	\$8.00	\$82,780.00	\$5.50	\$10.00	\$64,154.50
87	609	COMBINATION CURB & GUTTER, TYPE ST&ARD	316	FT	\$27.00	\$8,532.00	\$21.00	\$14.00	\$11,060.00	\$10.00	\$30.00	\$12,640.00

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Complete General Construction			George J. Igel & Co., Inc.		
					Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
88	609	COMBINATION CURB & GUTTER, TYPE SPECIAL, 8", APP	521	FT	\$35.00	\$18,235.00	\$21.00	\$14.00	\$18,235.00	\$6.00	\$10.00	\$8,336.00
89	SPEC	CURB & WALK REPAIR	81	FT	\$68.00	\$5,508.00	\$30.00	\$20.00	\$4,050.00	\$35.00	\$100.00	\$10,935.00
90	615	PVMT. FOR MAINTAINING TRAFFIC, TYPE A	105	SY	\$55.00	\$5,775.00	\$30.00	\$20.00	\$5,250.00	\$100.00	\$60.00	\$16,800.00
91	202	PIPE REMOVED	30	FT	\$16.00	\$480.00	\$10.20	\$6.80	\$510.00	\$5.00	\$5.00	\$300.00
92	801	6" WATER PIPE & FITTINGS	98	FT	\$150.00	\$14,700.00	\$111.00	\$74.00	\$18,130.00	\$250.00	\$100.00	\$34,300.00
93	801	8" WATER PIPE & FITTINGS	3,278	FT	\$160.00	\$524,480.00	\$60.00	\$40.00	\$327,800.00	\$75.00	\$50.00	\$409,750.00
94	801	CONCR. BLOCKING, CLASS C, INCREASE OR DECREASE	10	C.Y.	\$150.00	\$1,500.00	\$60.00	\$40.00	\$1,000.00	\$107.00	\$8.00	\$1,150.00
95	801	FITTINGS, INCREASE OR DECREASE	530	PD	\$4.00	\$2,120.00	\$1.50	\$1.00	\$1,325.00	\$1.90	\$0.00	\$1,007.00
96	802	6" VALVES & APPUR.	10	EA	\$1,600.00	\$16,000.00	\$510.00	\$340.00	\$8,500.00	\$750.00	\$250.00	\$10,000.00
97	802	8" VALVES & APPUR.	8	EA	\$1,700.00	\$13,600.00	\$720.00	\$480.00	\$9,600.00	\$950.00	\$250.00	\$9,600.00
98	802	12 " VALVES & APPUR.	1	EA	\$2,400.00	\$2,400.00	\$1,200.00	\$800.00	\$2,000.00	\$2,000.00	\$500.00	\$2,500.00
99	803	20" X 8" TAPPING SLEEVE & VALVE & APPUR.	1	EA	\$15,000.00	\$15,000.00	\$6,600.00	\$4,400.00	\$11,000.00	\$6,000.00	\$3,000.00	\$9,000.00
100	805	3/4" WATER SERVICE TAP, XFR'D - SHORT	61	EA	\$2,300.00	\$140,300.00	\$1,200.00	\$800.00	\$122,000.00	\$1,000.00	\$615.00	\$98,515.00
101	805	1" WATER SERVICE TAP, XFR'D - SHORT	7	EA	\$3,000.00	\$21,000.00	\$1,380.00	\$920.00	\$16,100.00	\$1,760.00	\$1,000.00	\$19,320.00
102	805	1 1/2" WATER SERVICE TAP, XFR'D -SHORT	1	EA	\$3,200.00	\$3,200.00	\$1,620.00	\$1,080.00	\$2,700.00	\$3,200.00	\$2,000.00	\$5,200.00
103	805	2" WATER SERVICE TAP, XFR'D - SHORT	3	EA	\$3,500.00	\$10,500.00	\$1,710.00	\$1,140.00	\$8,550.00	\$2,500.00	\$1,500.00	\$12,000.00
104	805	3/4" WATER SERVICE TAP, XFR'D - LONG	42	EA	\$2,900.00	\$121,800.00	\$1,410.00	\$940.00	\$98,700.00	\$1,500.00	\$1,000.00	\$105,000.00
105	805	1" WATER SERVICE TAP, XFR'D - LONG	1	EA	\$3,500.00	\$3,500.00	\$1,710.00	\$1,140.00	\$2,850.00	\$1,600.00	\$1,000.00	\$2,600.00
106	805	CURB BOX	94	EA	\$350.00	\$32,900.00	\$84.00	\$56.00	\$13,160.00	\$28.00	\$0.00	\$2,632.00
107	807	VALVE BOX ADJUSTED TO GRADE	5	EA	\$320.00	\$1,600.00	\$90.00	\$60.00	\$750.00	\$100.00	\$200.00	\$1,500.00
108	807	SERVICE BOX ADJUSTED TO GRADE	5	EA	\$330.00	\$1,650.00	\$60.00	\$40.00	\$500.00	\$65.00	\$200.00	\$1,325.00
109	808	RELOCATE 4" WATER LINE OR WATER SERVICE TAP	1	EA	\$700.00	\$700.00	\$4,500.00	\$3,000.00	\$7,500.00	\$5,000.00	\$10,000.00	\$15,000.00
110	808	RELOCATE 6" WATER LINE OR WATER SERVICE TAP	9	EA	\$900.00	\$8,100.00	\$3,600.00	\$2,400.00	\$54,000.00	\$5,000.00	\$3,850.00	\$79,650.00
111	808	RELOCATE 8" WATER LINE OR WATER SERVICE TAP	6	EA	\$1,100.00	\$6,600.00	\$4,200.00	\$2,800.00	\$42,000.00	\$6,000.00	\$3,750.00	\$58,500.00
112	808	RELOCATE 12" WATER LINE OR WATER SERVICE TAP	1	EA	\$1,300.00	\$1,300.00	\$5,100.00	\$3,400.00	\$8,500.00	\$7,500.00	\$7,500.00	\$15,000.00
113	809	FIRE HYDRANT	7	EA	\$4,000.00	\$28,000.00	\$1,920.00	\$1,280.00	\$22,400.00	\$1,800.00	\$700.00	\$17,500.00
114	810	6" HYDRANT EXTENSION	2	EA	\$500.00	\$1,000.00	\$315.00	\$210.00	\$1,050.00	\$260.00	\$100.00	\$720.00
115	810	12" HYDRANT EXTENSION	2	EA	\$600.00	\$1,200.00	\$345.00	\$230.00	\$1,150.00	\$300.00	\$100.00	\$800.00
116	810	18" HYDRANT EXTENSION	2	EA	\$700.00	\$1,400.00	\$375.00	\$250.00	\$1,250.00	\$340.00	\$100.00	\$880.00
117	810	24" HYDRANT EXTENSION	1	EA	\$800.00	\$800.00	\$390.00	\$260.00	\$650.00	\$385.00	\$100.00	\$485.00
118	811	INCREASE OR DECREASE IN EXCAVATION OR BACKFILL	20	CY	\$25.00	\$500.00	\$9.00	\$6.00	\$300.00	\$15.00	\$9.00	\$480.00
119	816	1" WATER MAIN ABANDONED	1	EA	\$1,500.00	\$1,500.00	\$360.00	\$240.00	\$600.00	\$125.00	\$200.00	\$325.00

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Complete General Construction			George J. Igel & Co., Inc.		
					Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
120	816	1.5" WATER MAIN ABANDONED	1	EA	\$2,000.00	\$2,000.00	\$360.00	\$240.00	\$600.00	\$150.00	\$200.00	\$350.00
121	SPEC	TEMPORARY PAVEMENT	38	CY	\$60.00	\$2,280.00	\$180.00	\$120.00	\$11,400.00	\$260.00	\$500.00	\$28,880.00
122	SPEC	SURVEY COORDINATES	1	LS	\$20,000.00	\$20,000.00	\$5,100.00	\$3,400.00	\$8,500.00	\$250.00	\$3,750.00	\$4,000.00
123	630	GROUND MOUNTED SUPPORT, NO. 3 POST	200	FT	\$9.50	\$1,900.00	\$8.40	\$5.60	\$2,800.00	\$10.00	\$10.00	\$4,000.00
124	630	STREET NAME SIGN SUPPORT, NO. 2 POST	100	FT	\$12.00	\$1,200.00	\$31.20	\$20.80	\$5,200.00	\$25.00	\$20.00	\$4,500.00
125	630	SIGN, FLAT SHEET	200	SF	\$16.50	\$3,300.00	\$13.20	\$8.80	\$4,400.00	\$15.00	\$10.00	\$5,000.00
126	630	SIGN, DOUBLE FACED, STREET NAME	5	EA	\$150.00	\$750.00	\$351.00	\$234.00	\$2,925.00	\$300.00	\$200.00	\$2,500.00
127	630	REMOVAL OF GROUND MOUNTED SIGN & DISPOSAL	20	EA	\$16.50	\$330.00	\$24.00	\$16.00	\$800.00	\$0.00	\$25.00	\$500.00
128	630	REMOVAL OF GROUND MOUNTED POST SUPPORT & DISPOSAL	20	EA	\$20.00	\$400.00	\$24.00	\$16.00	\$800.00	\$0.00	\$25.00	\$500.00
129	632	DETECTOR LOOP, APP	1	EA	\$1,400.00	\$1,400.00	\$915.00	\$610.00	\$1,525.00	\$1,750.00	\$1,000.00	\$2,750.00
130	644	LANE LINE	0.34	MILE	\$1,400.00	\$476.00	\$990.00	\$660.00	\$561.00	\$500.00	\$1,200.00	\$578.00
131	644	CENTER LINE	0.65	MILE	\$3,900.00	\$2,535.00	\$3,055.20	\$2,036.80	\$3,309.80	\$1,200.00	\$4,000.00	\$3,380.00
132	644	EDGE LINE	0.01	MILE	\$2,300.00	\$23.00	\$2,319.00	\$1,546.00	\$38.65	\$950.00	\$3,000.00	\$39.50
133	644	STOP LINE, 20"	253	FT	\$7.20	\$1,821.60	\$3.21	\$2.14	\$1,353.55	\$0.50	\$5.00	\$1,391.50
134	644	CHANNELIZING LINE, 10"	3,568	FT	\$2.00	\$7,136.00	\$0.81	\$0.54	\$4,816.80	\$0.25	\$1.25	\$5,352.00
135	644	CROSSWALK LINE, TYPE 1	1,013	FT	\$3.40	\$3,444.20	\$1.50	\$1.00	\$2,532.50	\$0.75	\$2.00	\$2,785.75
136	644	DOTTED LINE	772	FT	\$2.20	\$1,698.40	\$0.81	\$0.54	\$1,042.20	\$0.50	\$1.00	\$1,158.00
137	644	LANE ARROW	23	EA	\$110.00	\$2,530.00	\$51.00	\$34.00	\$1,955.00	\$27.00	\$60.00	\$2,001.00
138	644	WORD ON PAVEMENT, 72"	2	EA	\$135.00	\$270.00	\$66.00	\$44.00	\$220.00	\$30.00	\$82.25	\$224.50
139	644	TRANVERSE LINE	692	FT	\$5.50	\$3,806.00	\$3.21	\$2.14	\$3,702.20	\$0.50	\$5.00	\$3,806.00
140	644	PARKING LOT STALL MARKING	186	FT	\$7.00	\$1,302.00	\$0.99	\$0.66	\$306.90	\$0.25	\$1.50	\$325.50
141	647	SPEED HUMP MARKING	8	EA	\$250.00	\$2,000.00	\$79.20	\$52.80	\$1,056.00	\$35.00	\$100.00	\$1,080.00
142	647	BIKE MARKING	13	EA	\$325.00	\$4,225.00	\$183.00	\$122.00	\$3,965.00	\$125.00	\$200.00	\$4,225.00
143	647	BIKE MARKING, APP	6	EA	\$350.00	\$2,100.00	\$585.00	\$390.00	\$5,850.00	\$200.00	\$600.00	\$4,800.00
144	647	PAVEMENT MARKING MISC.: SHARROW	17	EA	\$350.00	\$5,950.00	\$168.00	\$112.00	\$4,760.00	\$95.00	\$200.00	\$5,015.00
145	603	CONDUIT MISC.: CONNECT PROPOSED SEWER INTO EXISTING PIPE OR STRUCTURE	1	EA	\$650.00	\$650.00	\$600.00	\$400.00	\$1,000.00	\$250.00	\$2,250.00	\$2,500.00
146	604	STRUCTURE MISC.: TIE EXISTING SEWER INTO PROPOSED STRUCTURE	1	EA	\$650.00	\$650.00	\$270.00	\$180.00	\$450.00	\$100.00	\$900.00	\$1,000.00
147	604	MANHOLE, TYPE C, AA-S102	1	EA	\$9,000.00	\$9,000.00	\$2,880.00	\$1,920.00	\$4,800.00	\$1,700.00	\$1,000.00	\$2,700.00
148	901	10" SANITARY PIPE, W/ TYPE I BEDDING & COMP. GRAN. MAT.	35	FT	\$120.00	\$4,200.00	\$108.00	\$72.00	\$6,300.00	\$300.00	\$105.00	\$14,175.00
149	SPECIAL	SANITARY SERVICE RELOC. (AS DIRECTED BY ENGINEER)	1	LS	\$75,000.00	\$75,000.00	\$0.00	\$75,000.00	\$75,000.00	\$0.00	\$75,000.00	\$75,000.00
150	202	WALK REMOVED	100	SF	\$2.10	\$210.00	\$1.17	\$0.78	\$195.00	\$0.00	\$0.75	\$75.00
151	410	TRAFFIC COMP. SURFACE, TYPE A OR B	200	CY	\$125.00	\$25,000.00	\$27.00	\$18.00	\$9,000.00	\$20.00	\$16.00	\$7,200.00
152	608	4' CONCRETE WALK	100	SF	\$6.00	\$600.00	\$3.00	\$2.00	\$500.00	\$3.00	\$5.50	\$850.00
153	614	ASPHALT FOR MAINTAINING TRAFFIC	200	CY	\$190.00	\$38,000.00	\$105.00	\$70.00	\$35,000.00	\$150.00	\$65.00	\$43,000.00
154	614	MAINTAINING TRAFFIC	1	LS	\$55,000.00	\$55,000.00	\$78,000.00	\$52,000.00	\$130,000.00	\$15,000.00	\$160,000.00	\$175,000.00

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Complete General Construction			George J. Igel & Co., Inc.		
					Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
155	614	DETOUR SIGNING	1	LS	\$10,000.00	\$10,000.00	\$2,400.00	\$1,600.00	\$4,000.00	\$2,000.00	\$3,000.00	\$5,000.00
156	614	REPLACEMENT SIGN	100	SF	\$20.00	\$2,000.00	\$12.00	\$8.00	\$2,000.00	\$13.00	\$2.00	\$1,500.00
157	614	REPLACEMENT DRUM	100	EA	\$65.00	\$6,500.00	\$36.00	\$24.00	\$6,000.00	\$45.00	\$5.00	\$5,000.00
158	614	WORK ZONE CENTER LINE	0.76	MILE	\$1,300.00	\$988.00	\$1,104.00	\$736.00	\$1,398.40	\$550.00	\$1,300.00	\$1,406.00
159	614	WORK ZONE EDGE LINE	1.69	MILE	\$1,000.00	\$1,690.00	\$684.00	\$456.00	\$1,926.60	\$250.00	\$900.00	\$1,943.50
160	614	WORK ZONE STOP LINE	202	FT	\$5.00	\$1,010.00	\$2.22	\$1.48	\$747.40	\$0.70	\$3.00	\$747.40
161	614	WORK ZONE CHANNELIZING LINE	420	FT	\$0.75	\$315.00	\$0.45	\$0.30	\$315.00	\$0.25	\$0.50	\$315.00
162	614	WORK ZONE LANE ARROW	6	EA	\$85.00	\$510.00	\$96.00	\$64.00	\$960.00	\$40.00	\$120.00	\$960.00
163	614	WORK ZONE WORD ON PAVEMENT, 72"	2	EA	\$125.00	\$250.00	\$96.00	\$64.00	\$320.00	\$40.00	\$120.00	\$320.00
164	614	WORK ZONE BIKE MARKING	2	EA	\$200.00	\$400.00	\$96.00	\$64.00	\$320.00	\$40.00	\$120.00	\$320.00
165	614	LAW ENFORCEMENT OFFICER (LEO) W/ PATROL CAR, APP	40	HR	\$100.00	\$4,000.00	\$45.00	\$30.00	\$3,000.00	\$0.00	\$73.50	\$2,940.00
166	614	LAW ENFORCEMENT OFFICER (LEO) W/O PATROL CAR, APP	40	HR	\$75.00	\$3,000.00	\$30.00	\$20.00	\$2,000.00	\$0.00	\$56.50	\$2,260.00
167	614	MAINTAINING TRAFFIC MISC.: TEMP. VIDEO DETECTION SYS.	2	EA	\$15,000.00	\$30,000.00	\$3,000.00	\$2,000.00	\$10,000.00	\$2,500.00	\$4,000.00	\$13,000.00
168	615	PAVEMENT FOR MAINTAINING TRAFFIC, TYPE B	1,000	SY	\$65.00	\$65,000.00	\$21.00	\$14.00	\$35,000.00	\$30.00	\$10.00	\$40,000.00
169	616	DUST CONTROL, COMPLETE.	1	LS	\$20,000.00	\$20,000.00	\$7,500.00	\$5,000.00	\$12,500.00	\$500.00	\$7,000.00	\$7,500.00
170	622	PORTABLE BARRIER, 32"	968	FT	\$12.50	\$12,100.00	\$10.80	\$7.20	\$17,424.00	\$10.00	\$15.00	\$24,200.00
171	625	CONDUIT 1", 1-1/2" OR 2" DIA.	100	FT	\$11.50	\$1,150.00	\$7.80	\$5.20	\$1,300.00	\$4.25	\$10.00	\$1,425.00
172	625	TRENCH	100	FT	\$7.75	\$775.00	\$7.20	\$4.80	\$1,200.00	\$7.00	\$10.00	\$1,700.00
173	625	PULL BOX, APP	2	EA	\$900.00	\$1,800.00	\$480.00	\$320.00	\$1,600.00	\$500.00	\$316.00	\$1,632.00
174	632	CONDUIT RISER 1", 1-1/2" OR 2" INCH DIA.	50	FT	\$32.00	\$1,600.00	\$210.00	\$140.00	\$17,500.00	\$32.00	\$40.00	\$3,600.00
175	632	DETECTOR LOOP	10	EA	\$1,200.00	\$12,000.00	\$915.00	\$610.00	\$15,250.00	\$1,365.00	\$1,000.00	\$23,650.00
176	632	LOOP DETECTOR LEAD-IN CABLE	100	FT	\$2.50	\$250.00	\$0.96	\$0.64	\$160.00	\$2.50	\$5.00	\$750.00
177	632	LASH/UNLASH CABLE	100	FT	\$2.50	\$250.00	\$7.80	\$5.20	\$1,300.00	\$2.00	\$4.00	\$600.00
178	815	CRUSHED STONE OR GRAVEL	25	CY	\$50.00	\$1,250.00	\$45.00	\$30.00	\$1,875.00	\$21.50	\$20.00	\$1,037.50
179	SPECIAL	LIGHT POLE RELOCATION	1	EA	\$5,000.00	\$5,000.00	\$720.00	\$480.00	\$1,200.00	\$880.00	\$2,000.00	\$2,880.00
180	661	DECIDUOUS TREE, 2.5", LONDON PLANE TREE	5	EA	\$700.00	\$3,500.00	\$366.00	\$244.00	\$3,050.00	\$325.00	\$300.00	\$3,125.00
181	661	DECIDUOUS TREE, 2.5", TRIDENT MAPLE	5	EA	\$725.00	\$3,625.00	\$366.00	\$244.00	\$3,050.00	\$325.00	\$300.00	\$3,125.00
182	661	DECIDUOUS TREE, 2.5", RED OAK	5	EA	\$750.00	\$3,750.00	\$366.00	\$244.00	\$3,050.00	\$325.00	\$300.00	\$3,125.00
183	662	LANDSCAPE WATERING	600	GAL	\$5.00	\$3,000.00	\$1.20	\$0.80	\$1,200.00	\$0.10	\$0.20	\$180.00
184	623	TYPE B CPM PROGRESS SCHEDULE	1	LS	\$24,000.00	\$24,000.00	\$900.00	\$600.00	\$1,500.00	\$0.00	\$2,500.00	\$2,500.00
185	623	CONSTR. LAYOUT STAKES	1	LS	\$25,000.00	\$25,000.00	\$45,000.00	\$30,000.00	\$75,000.00	\$2,500.00	\$57,500.00	\$60,000.00
186	624	MOBILIZATION	1	LS	\$100,000.00	\$100,000.00	\$120,000.00	\$80,000.00	\$200,000.00	\$10,000.00	\$170,000.00	\$180,000.00
187	SS 4	STORM SEWER CLEANING	500	FT	\$20.00	\$10,000.00	\$5.28	\$3.52	\$4,400.00	\$0.00	\$5.00	\$2,500.00
		SUBTOTAL:				\$6,015,972.70			\$7,191,179.80			\$7,759,837.55
188	SPEC	CONTINGENCY (15%)	1.00	LS		\$902,395.91			\$1,078,676.97			\$1,163,975.63
		GRAND TOTAL:				\$6,918,368.61			\$8,269,856.77			\$8,923,813.18
		% DIFFERENCE FROM ENGINEER'S ESTIMATE							19.5%			29.0%
		% DIFFERENCE WITHIN LOWEST BIDDER							8.8%			17.4%

					Engineer's Estimate		Complete General Construction			George J. Igel & Co., Inc.		
Ref. #	Item #	Description	QTY	Units	Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
		Contract Compliance #, Expiration Date, Category, DAX #					31-4366382 (8/31/19, MAJ, 6056)			31-4214570 (4/13/19, MAJ, 6024)		

*APP = As Per Plan

Corrected rounding on Contingency/Grand Total.

ORD #0697-2018, Divisions of Sewers & Drains (Stormwater) & Water
Terrace/Broad Stormwater System Imp's & Eureka/Steele Water Line Imp's
CIP 611009-100000 & 690236-100074, DOW CT No. 2042
Bid Tabulation, Opened 1/17/18

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Elite Excavating Co. of Ohio, Inc.			Trucco Construction Co., Inc.		
					Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
1	201	CLEARING & GRUBBING	1	LS	\$12,000.00	\$12,000.00	\$12,000.00	\$8,000.00	\$20,000.00	\$4,500.00	\$17,000.00	\$21,500.00
2	202	PIPE REMOVED, 24" & <	206	FT	\$16.00	\$3,296.00	\$24.00	\$16.00	\$8,240.00	\$3.00	\$30.00	\$6,798.00
3	202	PIPE REMOVED, OVER 24"	1,163	FT	\$48.00	\$55,824.00	\$21.00	\$14.00	\$40,705.00	\$3.00	\$27.00	\$34,890.00
4	202	CATCH BASIN REMOVED	14	EA	\$460.00	\$6,440.00	\$360.00	\$240.00	\$8,400.00	\$100.00	\$350.00	\$6,300.00
5	202	PAVEMENT REMOVED	10,155	SY	\$10.25	\$104,088.75	\$5.00	\$3.00	\$81,240.00	\$2.00	\$8.00	\$101,550.00
6	202	PAVEMENT REMOVED (CONCR. BUS PAD)	234	SY	\$11.00	\$2,574.00	\$7.00	\$5.00	\$2,808.00	\$10.00	\$30.00	\$9,360.00
7	202	WALK REMOVED	13,938	SF	\$2.10	\$29,269.80	\$1.00	\$0.50	\$20,907.00	\$0.20	\$0.80	\$13,938.00
8	202	CURB REMOVED	1,109	FT	\$5.20	\$5,766.80	\$6.00	\$3.00	\$9,981.00	\$0.60	\$5.00	\$6,210.40
9	202	STONE CURB REMOVED & SALVAGED, APP	2,626	FT	\$7.00	\$18,382.00	\$7.00	\$4.00	\$28,886.00	\$2.00	\$10.00	\$31,512.00
10	202	CURB & GUTTER REMOVED	418	FT	\$10.00	\$4,180.00	\$7.00	\$4.00	\$4,598.00	\$1.20	\$8.00	\$3,845.60
11	202	MANHOLE REMOVED	9	EA	\$653.00	\$5,877.00	\$900.00	\$600.00	\$13,500.00	\$250.00	\$500.00	\$6,750.00
12	203	EXCAVATION	1,270	CY	\$12.00	\$15,240.00	\$15.00	\$10.00	\$31,750.00	\$11.00	\$40.00	\$64,770.00
13	203	EMBANKMENT	194	CY	\$9.50	\$1,843.00	\$12.00	\$8.00	\$3,880.00	\$1.70	\$2.00	\$717.80
14	203	ROADWAY MISC.: SPEED HUMP	2	EA	\$4,000.00	\$8,000.00	\$2,760.00	\$1,840.00	\$9,200.00	\$2,000.00	\$3,000.00	\$10,000.00
15	204	SUBGRADE COMPACTION	11,381	SY	\$2.50	\$28,452.50	\$1.00	\$1.00	\$22,762.00	\$2.00	\$3.00	\$56,905.00
16	204	PROOF ROLLING	4	HR	\$250.00	\$1,000.00	\$120.00	\$80.00	\$800.00	\$80.00	\$150.00	\$920.00
17	608	CONCRETE WALK, 4"	12,952	SF	\$6.00	\$77,712.00	\$4.00	\$3.00	\$90,664.00	\$3.40	\$5.00	\$108,796.80
18	608	CONCRETE WALK, 6"	320	SF	\$8.00	\$2,560.00	\$5.00	\$4.00	\$2,880.00	\$7.00	\$5.00	\$3,840.00
19	608	CONCRETE WALK, 8"	1,422	SF	\$8.85	\$12,584.70	\$6.00	\$4.00	\$14,220.00	\$7.00	\$5.00	\$17,064.00
20	608	CURB RAMPS	38	EA	\$800.00	\$30,400.00	\$255.00	\$170.00	\$16,150.00	\$47.00	\$150.00	\$7,486.00
21	608	DETECTABLE WARNING	38	EA	\$400.00	\$15,200.00	\$150.00	\$100.00	\$9,500.00	\$200.00	\$80.00	\$10,640.00
22	SPEC	REMOVE & REINSTALL FENCE, TYPE IN-KIND	178	FT	\$25.00	\$4,450.00	\$12.00	\$8.00	\$3,560.00	\$10.00	\$20.00	\$5,340.00
23	SPEC	PIPE ROOF DRAIN	178	EA	\$75.00	\$13,350.00	\$60.00	\$40.00	\$17,800.00	\$130.00	\$100.00	\$40,940.00
24	902	INCREASED OR DECREASED EARTH EXCAVATION	3,000	CY	\$12.00	\$36,000.00	\$6.00	\$4.00	\$30,000.00	\$40.00	\$24.00	\$192,000.00
25	207	INLET PROTECTION	106	EA	\$175.00	\$18,550.00	\$45.00	\$30.00	\$7,950.00	\$84.00	\$50.00	\$14,204.00
26	207	STRAW WATTLES	6,000	FT	\$7.00	\$42,000.00	\$0.60	\$0.40	\$6,000.00	\$1.00	\$0.50	\$9,000.00
27	207	DESIGNATED CONCRETE WASHOUT AREA	6	EA	\$3,500.00	\$21,000.00	\$300.00	\$200.00	\$3,000.00	\$100.00	\$200.00	\$1,800.00
28	207	CONSTR. SEEDING & MULCHING	613	SY	\$1.35	\$827.55	\$3.00	\$2.00	\$3,065.00	\$0.50	\$0.50	\$613.00
29	601	ROCK CHANNEL PROTECTION, TYPE A, W/ FILTER	32	CY	\$95.00	\$3,040.00	\$120.00	\$80.00	\$6,400.00	\$62.00	\$60.00	\$3,904.00
30	653	TOPSOIL FURNISHED & PLACED	882	CY	\$30.90	\$27,253.80	\$33.00	\$22.00	\$48,510.00	\$20.00	\$15.00	\$30,870.00
31	659	SEEDING & MULCHING	3,436	SY	\$1.35	\$4,638.60	\$1.00	\$1.00	\$6,872.00	\$0.60	\$0.60	\$4,123.20
32	659	WATER	19	MGAL	\$21.00	\$399.00	\$0.60	\$0.40	\$19.00	\$150.00	\$200.00	\$6,650.00
33	659	COMMERCIAL FERTILIZER	0.50	TON	\$600.00	\$300.00	\$450.00	\$300.00	\$375.00	\$500.00	\$500.00	\$500.00
34	602	CONCRETE MASONRY	4	CY	\$1,300.00	\$5,200.00	\$1,500.00	\$1,000.00	\$10,000.00	\$470.00	\$800.00	\$5,080.00
35	603	4" CONDUIT, TYPE B	9	FT	\$22.00	\$198.00	\$30.00	\$20.00	\$450.00	\$10.00	\$20.00	\$270.00
36	603	4" CONDUIT, TYPE F	350	FT	\$19.00	\$6,650.00	\$17.00	\$11.00	\$9,800.00	\$7.00	\$15.00	\$7,700.00
37	603	CONDUIT MISC.: CONNECT PROPOSED SEWER INTO EXISTING PIPE OR STRUCTURE	2	EA	\$650.00	\$1,300.00	\$1,500.00	\$1,000.00	\$5,000.00	\$2,300.00	\$2,000.00	\$8,600.00
38	604	STANDARD CURB & GUTTER INLET, AA-125A	31	EA	\$3,300.00	\$102,300.00	\$1,920.00	\$1,280.00	\$99,200.00	\$2,000.00	\$500.00	\$77,500.00

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Elite Excavating Co. of Ohio, Inc.			Trucco Construction Co., Inc.		
					Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
39	604	STANDARD DOUBLE CURB & GUTTER INLET, AA-125B	25	EA	\$3,500.00	\$87,500.00	\$3,900.00	\$2,600.00	\$162,500.00	\$2,650.00	\$750.00	\$85,000.00
40	604	CATCH BASIN, 42" DIAMETER, AA-S132	3	EA	\$4,000.00	\$12,000.00	\$1,680.00	\$1,120.00	\$8,400.00	\$2,300.00	\$500.00	\$8,400.00
41	604	STANDARD CATCH BASIN, 12" DIAMETER, AA-S130	3	EA	\$2,000.00	\$6,000.00	\$1,080.00	\$720.00	\$5,400.00	\$1,040.00	\$500.00	\$4,620.00
42	604	STANDARD CATCH BASIN, AA-S133A	3	EA	\$2,500.00	\$7,500.00	\$1,080.00	\$720.00	\$5,400.00	\$1,700.00	\$500.00	\$6,600.00
43	604	MANHOLE, TYPE C, AA-S102	10	EA	\$6,200.00	\$62,000.00	\$3,000.00	\$2,000.00	\$50,000.00	\$3,000.00	\$1,000.00	\$40,000.00
44	604	MANHOLE, TYPE E, AA-S104	26	EA	\$7,000.00	\$182,000.00	\$13,200.00	\$8,800.00	\$572,000.00	\$12,200.00	\$5,000.00	\$447,200.00
45	604	MANHOLE, TYPE F, AA-S105	5	EA	\$6,500.00	\$32,500.00	\$18,000.00	\$12,000.00	\$150,000.00	\$11,400.00	\$4,000.00	\$77,000.00
46	604	DRAINAGE STRUCTURE MISC.: TIE EXISTING SEWER INTO PROPOSED STRUCTURE	19	EA	\$650.00	\$12,350.00	\$720.00	\$480.00	\$22,800.00	\$1,090.00	\$500.00	\$30,210.00
47	604	DRAINAGE STRUCTURE MISC.: 18" DRAIN BASIN	3	EA	\$1,200.00	\$3,600.00	\$1,080.00	\$720.00	\$5,400.00	\$910.00	\$500.00	\$4,230.00
48	604	DRAINAGE STRUCTURE MISC.: SIDEWALK DRAIN	2	EA	\$1,000.00	\$2,000.00	\$480.00	\$320.00	\$1,600.00	\$470.00	\$200.00	\$1,340.00
49	605	4" BASE PIPE UNDERDRAINS	3,546	FT	\$9.50	\$33,687.00	\$7.00	\$4.00	\$39,006.00	\$4.90	\$5.00	\$35,105.40
50	901	6" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	17	FT	\$85.00	\$1,445.00	\$36.00	\$24.00	\$1,020.00	\$30.00	\$20.00	\$850.00
51	901	12" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	594	FT	\$90.00	\$53,460.00	\$49.00	\$33.00	\$48,708.00	\$56.00	\$50.00	\$62,964.00
52	901	12" SANITARY PIPE (C905), W/TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	262	FT	\$110.00	\$28,820.00	\$72.00	\$48.00	\$31,440.00	\$39.00	\$50.00	\$23,318.00
53	901	15" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	296	FT	\$95.00	\$28,120.00	\$51.00	\$34.00	\$25,160.00	\$86.00	\$50.00	\$40,256.00
54	901	15" SANITARY PIPE (C905), W/TYPE I BEDDING 912 & COMP. GRAN. MAT., APP	351	FT	\$120.00	\$42,120.00	\$60.00	\$40.00	\$35,100.00	\$110.00	\$50.00	\$56,160.00
55	901	18" PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. MAT.	421	FT	\$100.00	\$42,100.00	\$69.00	\$46.00	\$48,415.00	\$85.00	\$50.00	\$56,835.00
56	901	18" SANITARY PIPE (C905), W/ TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	89	FT	\$125.00	\$11,125.00	\$76.00	\$50.00	\$11,214.00	\$109.00	\$50.00	\$14,151.00
57	901	24" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	291	FT	\$120.00	\$34,920.00	\$54.00	\$36.00	\$26,190.00	\$84.00	\$60.00	\$41,904.00
58	901	24" SANITARY PIPE (C905), W/TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	349	FT	\$140.00	\$48,860.00	\$87.00	\$58.00	\$50,605.00	\$136.00	\$60.00	\$68,404.00
59	901	27" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	20	FT	\$125.00	\$2,500.00	\$207.00	\$138.00	\$6,900.00	\$240.00	\$100.00	\$6,800.00
60	901	30" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	33	FT	\$140.00	\$4,620.00	\$246.00	\$164.00	\$13,530.00	\$450.00	\$100.00	\$18,150.00
61	901	60" RCP CLASS II SANITARY PIPE, W/TYPE 2 BEDDING & 912 COMP. GRAN. MAT., APP	153	FT	\$350.00	\$53,550.00	\$456.00	\$304.00	\$116,280.00	\$530.00	\$200.00	\$111,690.00
62	901	60" SANITARY PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	190	FT	\$350.00	\$66,500.00	\$210.00	\$140.00	\$66,500.00	\$440.00	\$200.00	\$121,600.00

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Elite Excavating Co. of Ohio, Inc.			Trucco Construction Co., Inc.		
					Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
63	901	64" DUCTILE IRON PIPE PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. BACKFILL	68	FT	\$400.00	\$27,200.00	\$1,164.00	\$776.00	\$131,920.00	\$1,000.00	\$1,200.00	\$149,600.00
64	901	66" RCP SANITARY PIPE, W/ TYPE 2 BEDDING & 912 COMP. GRAN. BACKFILL, APP	439	FT	\$400.00	\$175,600.00	\$540.00	\$360.00	\$395,100.00	\$470.00	\$300.00	\$338,030.00
65	901	66" SANITARY PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. BACKFILL, APP	561	FT	\$400.00	\$224,400.00	\$378.00	\$252.00	\$353,430.00	\$460.00	\$300.00	\$426,360.00
66	901	72" PIPE W/ TYPE I BEDDING & 912 COMP. GRAN. MAT.	97	FT	\$450.00	\$43,650.00	\$705.00	\$470.00	\$113,975.00	\$880.00	\$400.00	\$124,160.00
67	901	72" SANITARY PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. BACKFILL, APP	135	FT	\$600.00	\$81,000.00	\$564.00	\$376.00	\$126,900.00	\$630.00	\$400.00	\$139,050.00
68	901	78" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	239	FT	\$550.00	\$131,450.00	\$516.00	\$344.00	\$205,540.00	\$649.00	\$400.00	\$250,711.00
69	901	78" SANITARY PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	1,770	FT	\$700.00	\$1,239,000.00	\$600.00	\$400.00	\$1,770,000.00	\$662.00	\$400.00	\$1,879,740.00
70	604	INLET ADJUSTED, AS DIRECTED BY THE ENGINEER	20	EA	\$700.00	\$14,000.00	\$360.00	\$240.00	\$12,000.00	\$320.00	\$400.00	\$14,400.00
71	SPEC	PROJECT I.D. SIGNS	5	EA	\$4,000.00	\$20,000.00	\$300.00	\$200.00	\$2,500.00	\$300.00	\$200.00	\$2,500.00
72	254	PAVEMENT PLANING, ASPH. CONCRETE (1 1/4")	7,475	SY	\$2.00	\$14,950.00	\$2.00	\$2.00	\$29,900.00	\$1.50	\$3.00	\$33,637.50
73	255	FULL DEPTH PVMT. SAWING	2,052	FT	\$3.25	\$6,669.00	\$1.00	\$1.00	\$4,104.00	\$0.30	\$1.00	\$2,667.60
74	301	ASPHALT CONCRETE BASE	2,185	CY	\$130.00	\$284,050.00	\$96.00	\$64.00	\$349,600.00	\$120.00	\$35.00	\$338,675.00
75	304	AGGREGATE BASE	1,924	CY	\$57.00	\$109,668.00	\$33.00	\$22.00	\$105,820.00	\$30.00	\$20.00	\$96,200.00
76	407	TACK COAT	5,882	GAL	\$3.00	\$17,646.00	\$1.00	\$1.00	\$11,764.00	\$2.00	\$0.50	\$14,705.00
77	407	TACK COAT FOR INTERMEDIATE COURSE	5,500	GAL	\$3.20	\$17,600.00	\$1.00	\$1.00	\$11,000.00	\$2.00	\$0.50	\$13,750.00
78	448	ASPH. CONCRETE SURFACE COURSE, PG64-22	347	CY	\$160.00	\$55,520.00	\$141.00	\$94.00	\$81,545.00	\$142.00	\$40.00	\$63,154.00
79	448	ASPH. CONCRETE INTERMED. COURSE, PG64-22	483	CY	\$155.00	\$74,865.00	\$124.00	\$83.00	\$99,981.00	\$108.00	\$40.00	\$71,484.00
80	448	ASPH. CONCRETE SURFACE COURSE (HEAVY TRAFFIC PG70-22M)	187	CY	\$165.00	\$30,855.00	\$200.00	\$134.00	\$62,458.00	\$155.00	\$40.00	\$36,465.00
81	448	ASPH. CONCRETE INTERM. COURSE (HEAVY TRAFFIC PG70-22M)	253	CY	\$180.00	\$45,540.00	\$126.00	\$84.00	\$53,130.00	\$120.00	\$40.00	\$40,480.00
82	452	6" NON-REINF. PORTLAND CEMENT CONCRETE PVMT.	171	SY	\$70.00	\$11,970.00	\$49.00	\$32.00	\$13,851.00	\$38.00	\$20.00	\$9,918.00
83	452	7" NON-REINF. PORTLAND CEMENT CONCRETE PVMT.	503	SY	\$75.00	\$37,725.00	\$39.00	\$26.00	\$32,695.00	\$40.00	\$20.00	\$30,180.00
84	452	8" NON-REINF. PORTLAND CEMENT CONCRETE PVMT.	113	SY	\$80.00	\$9,040.00	\$52.00	\$35.00	\$9,831.00	\$47.00	\$20.00	\$7,571.00
85	452	10" NON-REINF. PORTLAND CEMENT CONCRETE PVMT.	254	SY	\$85.00	\$21,590.00	\$56.00	\$38.00	\$23,876.00	\$50.00	\$30.00	\$20,320.00
86	609	CURB STRAIGHT 18"	4,139	FT	\$20.00	\$82,780.00	\$13.00	\$9.00	\$91,058.00	\$10.00	\$13.00	\$95,197.00
87	609	COMBINATION CURB & GUTTER, TYPE ST&ARD	316	FT	\$27.00	\$8,532.00	\$18.00	\$12.00	\$9,480.00	\$14.00	\$20.00	\$10,744.00

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Elite Excavating Co. of Ohio, Inc.			Trucco Construction Co., Inc.		
					Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
88	609	COMBINATION CURB & GUTTER, TYPE SPECIAL, 8", APP	521	FT	\$35.00	\$18,235.00	\$19.00	\$13.00	\$16,672.00	\$7.00	\$10.00	\$8,857.00
89	SPEC	CURB & WALK REPAIR	81	FT	\$68.00	\$5,508.00	\$159.00	\$106.00	\$21,465.00	\$62.00	\$100.00	\$13,122.00
90	615	PVMT. FOR MAINTAINING TRAFFIC, TYPE A	105	SY	\$55.00	\$5,775.00	\$9.00	\$6.00	\$1,575.00	\$68.00	\$60.00	\$13,440.00
91	202	PIPE REMOVED	30	FT	\$16.00	\$480.00	\$18.00	\$12.00	\$900.00	\$10.00	\$20.00	\$900.00
92	801	6" WATER PIPE & FITTINGS	98	FT	\$150.00	\$14,700.00	\$147.00	\$98.00	\$24,010.00	\$110.00	\$80.00	\$18,620.00
93	801	8" WATER PIPE & FITTINGS	3,278	FT	\$160.00	\$524,480.00	\$51.00	\$34.00	\$278,630.00	\$87.00	\$50.00	\$449,086.00
94	801	CONCR. BLOCKING, CLASS C, INCREASE OR DECREASE	10	C.Y.	\$150.00	\$1,500.00	\$60.00	\$40.00	\$1,000.00	\$200.00	\$200.00	\$4,000.00
95	801	FITTINGS, INCREASE OR DECREASE	530	PD	\$4.00	\$2,120.00	\$0.60	\$0.40	\$530.00	\$2.00	\$2.00	\$2,120.00
96	802	6" VALVES & APPUR.	10	EA	\$1,600.00	\$16,000.00	\$720.00	\$480.00	\$12,000.00	\$1,290.00	\$400.00	\$16,900.00
97	802	8" VALVES & APPUR.	8	EA	\$1,700.00	\$13,600.00	\$1,080.00	\$720.00	\$14,400.00	\$1,150.00	\$400.00	\$12,400.00
98	802	12 " VALVES & APPUR.	1	EA	\$2,400.00	\$2,400.00	\$1,500.00	\$1,000.00	\$2,500.00	\$2,300.00	\$400.00	\$2,700.00
99	803	20" X 8" TAPPING SLEEVE & VALVE & APPUR.	1	EA	\$15,000.00	\$15,000.00	\$6,000.00	\$4,000.00	\$10,000.00	\$6,400.00	\$2,000.00	\$8,400.00
100	805	3/4" WATER SERVICE TAP, XFR'D - SHORT	61	EA	\$2,300.00	\$140,300.00	\$840.00	\$560.00	\$85,400.00	\$1,500.00	\$1,000.00	\$152,500.00
101	805	1" WATER SERVICE TAP, XFR'D - SHORT	7	EA	\$3,000.00	\$21,000.00	\$960.00	\$640.00	\$11,200.00	\$2,000.00	\$1,000.00	\$21,000.00
102	805	1 1/2" WATER SERVICE TAP, XFR'D -SHORT	1	EA	\$3,200.00	\$3,200.00	\$2,400.00	\$1,600.00	\$4,000.00	\$5,600.00	\$1,000.00	\$6,600.00
103	805	2" WATER SERVICE TAP, XFR'D - SHORT	3	EA	\$3,500.00	\$10,500.00	\$2,160.00	\$1,440.00	\$10,800.00	\$4,700.00	\$1,000.00	\$17,100.00
104	805	3/4" WATER SERVICE TAP, XFR'D - LONG	42	EA	\$2,900.00	\$121,800.00	\$1,020.00	\$680.00	\$71,400.00	\$2,800.00	\$1,500.00	\$180,600.00
105	805	1" WATER SERVICE TAP, XFR'D - LONG	1	EA	\$3,500.00	\$3,500.00	\$1,080.00	\$720.00	\$1,800.00	\$1,700.00	\$1,500.00	\$3,200.00
106	805	CURB BOX	94	EA	\$350.00	\$32,900.00	\$300.00	\$200.00	\$47,000.00	\$51.00	\$80.00	\$12,314.00
107	807	VALVE BOX ADJUSTED TO GRADE	5	EA	\$320.00	\$1,600.00	\$120.00	\$80.00	\$1,000.00	\$230.00	\$200.00	\$2,150.00
108	807	SERVICE BOX ADJUSTED TO GRADE	5	EA	\$330.00	\$1,650.00	\$60.00	\$40.00	\$500.00	\$80.00	\$150.00	\$1,150.00
109	808	RELOCATE 4" WATER LINE OR WATER SERVICE TAP	1	EA	\$700.00	\$700.00	\$6,000.00	\$4,000.00	\$10,000.00	\$7,600.00	\$2,000.00	\$9,600.00
110	808	RELOCATE 6" WATER LINE OR WATER SERVICE TAP	9	EA	\$900.00	\$8,100.00	\$5,400.00	\$3,600.00	\$81,000.00	\$4,000.00	\$2,000.00	\$54,000.00
111	808	RELOCATE 8" WATER LINE OR WATER SERVICE TAP	6	EA	\$1,100.00	\$6,600.00	\$6,000.00	\$4,000.00	\$60,000.00	\$5,000.00	\$2,000.00	\$42,000.00
112	808	RELOCATE 12" WATER LINE OR WATER SERVICE TAP	1	EA	\$1,300.00	\$1,300.00	\$7,800.00	\$5,200.00	\$13,000.00	\$9,000.00	\$2,000.00	\$11,000.00
113	809	FIRE HYDRANT	7	EA	\$4,000.00	\$28,000.00	\$1,500.00	\$1,000.00	\$17,500.00	\$1,800.00	\$1,000.00	\$19,600.00
114	810	6" HYDRANT EXTENSION	2	EA	\$500.00	\$1,000.00	\$225.00	\$150.00	\$750.00	\$390.00	\$300.00	\$1,380.00
115	810	12" HYDRANT EXTENSION	2	EA	\$600.00	\$1,200.00	\$255.00	\$170.00	\$850.00	\$440.00	\$300.00	\$1,480.00
116	810	18" HYDRANT EXTENSION	2	EA	\$700.00	\$1,400.00	\$285.00	\$190.00	\$950.00	\$460.00	\$300.00	\$1,520.00
117	810	24" HYDRANT EXTENSION	1	EA	\$800.00	\$800.00	\$315.00	\$210.00	\$525.00	\$510.00	\$300.00	\$810.00
118	811	INCREASE OR DECREASE IN EXCAVATION OR BACKFILL	20	CY	\$25.00	\$500.00	\$27.00	\$18.00	\$900.00	\$33.00	\$30.00	\$1,260.00
119	816	1" WATER MAIN ABANDONED	1	EA	\$1,500.00	\$1,500.00	\$900.00	\$600.00	\$1,500.00	\$420.00	\$400.00	\$820.00

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Elite Excavating Co. of Ohio, Inc.			Trucco Construction Co., Inc.		
					Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
120	816	1.5" WATER MAIN ABANDONED	1	EA	\$2,000.00	\$2,000.00	\$900.00	\$600.00	\$1,500.00	\$420.00	\$400.00	\$820.00
121	SPEC	TEMPORARY PAVEMENT	38	CY	\$60.00	\$2,280.00	\$240.00	\$160.00	\$15,200.00	\$290.00	\$200.00	\$18,620.00
122	SPEC	SURVEY COORDINATES	1	LS	\$20,000.00	\$20,000.00	\$3,000.00	\$2,000.00	\$5,000.00	\$700.00	\$6,000.00	\$6,700.00
123	630	GROUND MOUNTED SUPPORT, NO. 3 POST	200	FT	\$9.50	\$1,900.00	\$8.00	\$6.00	\$2,800.00	\$10.00	\$10.00	\$4,000.00
124	630	STREET NAME SIGN SUPPORT, NO. 2 POST	100	FT	\$12.00	\$1,200.00	\$31.00	\$21.00	\$5,200.00	\$22.50	\$22.50	\$4,500.00
125	630	SIGN, FLAT SHEET	200	SF	\$16.50	\$3,300.00	\$13.00	\$9.00	\$4,400.00	\$12.50	\$12.50	\$5,000.00
126	630	SIGN, DOUBLE FACED, STREET NAME	5	EA	\$150.00	\$750.00	\$351.00	\$234.00	\$2,925.00	\$250.00	\$250.00	\$2,500.00
127	630	REMOVAL OF GROUND MOUNTED SIGN & DISPOSAL	20	EA	\$16.50	\$330.00	\$24.00	\$16.00	\$800.00	\$12.50	\$12.50	\$500.00
128	630	REMOVAL OF GROUND MOUNTED POST SUPPORT & DISPOSAL	20	EA	\$20.00	\$400.00	\$24.00	\$16.00	\$800.00	\$12.50	\$12.50	\$500.00
129	632	DETECTOR LOOP, APP	1	EA	\$1,400.00	\$1,400.00	\$1,800.00	\$1,200.00	\$3,000.00	\$765.00	\$765.00	\$1,530.00
130	644	LANE LINE	0.34	MILE	\$1,400.00	\$476.00	\$1,020.00	\$680.00	\$578.00	\$825.00	\$825.00	\$561.00
131	644	CENTER LINE	0.65	MILE	\$3,900.00	\$2,535.00	\$3,060.00	\$2,040.00	\$3,315.00	\$2,546.00	\$2,546.00	\$3,309.80
132	644	EDGE LINE	0.01	MILE	\$2,300.00	\$23.00	\$2,340.00	\$1,560.00	\$39.00	\$1,932.50	\$1,932.50	\$38.65
133	644	STOP LINE, 20"	253	FT	\$7.20	\$1,821.60	\$4.00	\$2.00	\$1,518.00	\$2.67	\$2.68	\$1,353.55
134	644	CHANNELIZING LINE, 10"	3,568	FT	\$2.00	\$7,136.00	\$1.00	\$0.50	\$5,352.00	\$0.67	\$0.68	\$4,816.80
135	644	CROSSWALK LINE, TYPE 1	1,013	FT	\$3.40	\$3,444.20	\$1.50	\$1.00	\$2,532.50	\$1.25	\$1.25	\$2,532.50
136	644	DOTTED LINE	772	FT	\$2.20	\$1,698.40	\$1.00	\$0.50	\$1,158.00	\$0.67	\$0.68	\$1,042.20
137	644	LANE ARROW	23	EA	\$110.00	\$2,530.00	\$51.00	\$34.00	\$1,955.00	\$42.50	\$42.50	\$1,955.00
138	644	WORD ON PAVEMENT, 72"	2	EA	\$135.00	\$270.00	\$66.00	\$44.00	\$220.00	\$55.00	\$55.00	\$220.00
139	644	TRANVERSE LINE	692	FT	\$5.50	\$3,806.00	\$4.00	\$2.00	\$4,152.00	\$2.67	\$2.68	\$3,702.20
140	644	PARKING LOT STALL MARKING	186	FT	\$7.00	\$1,302.00	\$1.00	\$1.00	\$372.00	\$0.82	\$0.83	\$306.90
141	647	SPEED HUMP MARKING	8	EA	\$250.00	\$2,000.00	\$79.00	\$53.00	\$1,056.00	\$66.00	\$66.00	\$1,056.00
142	647	BIKE MARKING	13	EA	\$325.00	\$4,225.00	\$183.00	\$122.00	\$3,965.00	\$152.50	\$152.50	\$3,965.00
143	647	BIKE MARKING, APP	6	EA	\$350.00	\$2,100.00	\$585.00	\$390.00	\$5,850.00	\$487.50	\$487.50	\$5,850.00
144	647	PAVEMENT MARKING MISC.: SHARROW	17	EA	\$350.00	\$5,950.00	\$168.00	\$112.00	\$4,760.00	\$140.00	\$140.00	\$4,760.00
145	603	CONDUIT MISC.: CONNECT PROPOSED SEWER INTO EXISTING PIPE OR STRUCTURE	1	EA	\$650.00	\$650.00	\$720.00	\$480.00	\$1,200.00	\$1,700.00	\$2,000.00	\$3,700.00
146	604	STRUCTURE MISC.: TIE EXISTING SEWER INTO PROPOSED STRUCTURE	1	EA	\$650.00	\$650.00	\$720.00	\$480.00	\$1,200.00	\$390.00	\$1,000.00	\$1,390.00
147	604	MANHOLE, TYPE C, AA-S102	1	EA	\$9,000.00	\$9,000.00	\$3,000.00	\$2,000.00	\$5,000.00	\$3,200.00	\$2,000.00	\$5,200.00
148	901	10" SANITARY PIPE, W/ TYPE I BEDDING & COMP. GRAN. MAT.	35	FT	\$120.00	\$4,200.00	\$105.00	\$70.00	\$6,125.00	\$170.00	\$100.00	\$9,450.00
149	SPECIAL	SANITARY SERVICE RELOC. (AS DIRECTED BY ENGINEER)	1	LS	\$75,000.00	\$75,000.00	\$0.00	\$75,000.00	\$75,000.00	\$0.00	\$75,000.00	\$75,000.00
150	202	WALK REMOVED	100	SF	\$2.10	\$210.00	\$3.00	\$2.00	\$500.00	\$1.10	\$2.00	\$310.00
151	410	TRAFFIC COMP. SURFACE, TYPE A OR B	200	CY	\$125.00	\$25,000.00	\$27.00	\$18.00	\$9,000.00	\$28.00	\$40.00	\$13,600.00
152	608	4' CONCRETE WALK	100	SF	\$6.00	\$600.00	\$6.00	\$4.00	\$1,000.00	\$5.00	\$15.00	\$2,000.00
153	614	ASPHALT FOR MAINTAINING TRAFFIC	200	CY	\$190.00	\$38,000.00	\$120.00	\$80.00	\$40,000.00	\$150.00	\$150.00	\$60,000.00
154	614	MAINTAINING TRAFFIC	1	LS	\$55,000.00	\$55,000.00	\$120,000.00	\$80,000.00	\$200,000.00	\$40,000.00	\$50,000.00	\$90,000.00

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Elite Excavating Co. of Ohio, Inc.			Trucco Construction Co., Inc.		
					Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
155	614	DETOUR SIGNING	1	LS	\$10,000.00	\$10,000.00	\$3,000.00	\$2,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$2,000.00
156	614	REPLACEMENT SIGN	100	SF	\$20.00	\$2,000.00	\$15.00	\$10.00	\$2,500.00	\$7.50	\$7.50	\$1,500.00
157	614	REPLACEMENT DRUM	100	EA	\$65.00	\$6,500.00	\$45.00	\$30.00	\$7,500.00	\$25.00	\$25.00	\$5,000.00
158	614	WORK ZONE CENTER LINE	0.76	MILE	\$1,300.00	\$988.00	\$1,140.00	\$760.00	\$1,444.00	\$920.00	\$920.00	\$1,398.40
159	614	WORK ZONE EDGE LINE	1.69	MILE	\$1,000.00	\$1,690.00	\$720.00	\$480.00	\$2,028.00	\$570.00	\$570.00	\$1,926.60
160	614	WORK ZONE STOP LINE	202	FT	\$5.00	\$1,010.00	\$2.00	\$2.00	\$808.00	\$1.85	\$1.85	\$747.40
161	614	WORK ZONE CHANNELIZING LINE	420	FT	\$0.75	\$315.00	\$0.60	\$0.40	\$420.00	\$0.40	\$0.40	\$336.00
162	614	WORK ZONE LANE ARROW	6	EA	\$85.00	\$510.00	\$96.00	\$64.00	\$960.00	\$80.00	\$80.00	\$960.00
163	614	WORK ZONE WORD ON PAVEMENT, 72"	2	EA	\$125.00	\$250.00	\$96.00	\$64.00	\$320.00	\$80.00	\$80.00	\$320.00
164	614	WORK ZONE BIKE MARKING	2	EA	\$200.00	\$400.00	\$96.00	\$64.00	\$320.00	\$80.00	\$80.00	\$320.00
165	614	LAW ENFORCEMENT OFFICER (LEO) W/ PATROL CAR, APP	40	HR	\$100.00	\$4,000.00	\$39.00	\$26.00	\$2,600.00	\$24.00	\$60.00	\$3,360.00
166	614	LAW ENFORCEMENT OFFICER (LEO) W/O PATROL CAR, APP	40	HR	\$75.00	\$3,000.00	\$27.00	\$18.00	\$1,800.00	\$2.00	\$60.00	\$2,480.00
167	614	MAINTAINING TRAFFIC MISC.: TEMP. VIDEO DETECTION SYS.	2	EA	\$15,000.00	\$30,000.00	\$3,900.00	\$2,600.00	\$13,000.00	\$2,000.00	\$3,000.00	\$10,000.00
168	615	PAVEMENT FOR MAINTAINING TRAFFIC, TYPE B	1,000	SY	\$65.00	\$65,000.00	\$27.00	\$18.00	\$45,000.00	\$31.00	\$30.00	\$61,000.00
169	616	DUST CONTROL, COMPLETE.	1	LS	\$20,000.00	\$20,000.00	\$12,000.00	\$8,000.00	\$20,000.00	\$10,000.00	\$40,000.00	\$50,000.00
170	622	PORTABLE BARRIER, 32"	968	FT	\$12.50	\$12,100.00	\$36.00	\$24.00	\$58,080.00	\$13.00	\$14.00	\$26,136.00
171	625	CONDUIT 1", 1-1/2" OR 2" DIA.	100	FT	\$11.50	\$1,150.00	\$9.00	\$6.00	\$1,500.00	\$6.50	\$6.50	\$1,300.00
172	625	TRENCH	100	FT	\$7.75	\$775.00	\$10.00	\$7.00	\$1,700.00	\$6.00	\$6.00	\$1,200.00
173	625	PULL BOX, APP	2	EA	\$900.00	\$1,800.00	\$490.00	\$326.00	\$1,632.00	\$400.00	\$400.00	\$1,600.00
174	632	CONDUIT RISER 1", 1-1/2" OR 2" INCH DIA.	50	FT	\$32.00	\$1,600.00	\$44.00	\$29.00	\$3,650.00	\$175.00	\$175.00	\$17,500.00
175	632	DETECTOR LOOP	10	EA	\$1,200.00	\$12,000.00	\$1,440.00	\$960.00	\$24,000.00	\$765.00	\$765.00	\$15,300.00
176	632	LOOP DETECTOR LEAD-IN CABLE	100	FT	\$2.50	\$250.00	\$5.00	\$3.00	\$800.00	\$0.80	\$0.80	\$160.00
177	632	LASH/UNLASH CABLE	100	FT	\$2.50	\$250.00	\$4.00	\$3.00	\$700.00	\$6.50	\$6.50	\$1,300.00
178	815	CRUSHED STONE OR GRAVEL	25	CY	\$50.00	\$1,250.00	\$15.00	\$10.00	\$625.00	\$26.50	\$26.50	\$1,325.00
179	SPECIAL	LIGHT POLE RELOCATION	1	EA	\$5,000.00	\$5,000.00	\$1,740.00	\$1,160.00	\$2,900.00	\$600.00	\$600.00	\$1,200.00
180	661	DECIDUOUS TREE, 2.5", LONDON PLANE TREE	5	EA	\$700.00	\$3,500.00	\$300.00	\$200.00	\$2,500.00	\$440.00	\$100.00	\$2,700.00
181	661	DECIDUOUS TREE, 2.5", TRIDENT MAPLE	5	EA	\$725.00	\$3,625.00	\$300.00	\$200.00	\$2,500.00	\$480.00	\$100.00	\$2,900.00
182	661	DECIDUOUS TREE, 2.5", RED OAK	5	EA	\$750.00	\$3,750.00	\$300.00	\$200.00	\$2,500.00	\$500.00	\$100.00	\$3,000.00
183	662	LANDSCAPE WATERING	600	GAL	\$5.00	\$3,000.00	\$0.60	\$0.40	\$600.00	\$0.50	\$0.50	\$600.00
184	623	TYPE B CPM PROGRESS SCHEDULE	1	LS	\$24,000.00	\$24,000.00	\$12,000.00	\$8,000.00	\$20,000.00	\$5,000.00	\$25,000.00	\$30,000.00
185	623	CONSTR. LAYOUT STAKES	1	LS	\$25,000.00	\$25,000.00	\$30,000.00	\$20,000.00	\$50,000.00	\$20,000.00	\$60,000.00	\$80,000.00
186	624	MOBILIZATION	1	LS	\$100,000.00	\$100,000.00	\$75,000.00	\$50,000.00	\$125,000.00	\$25,000.00	\$175,000.00	\$200,000.00
187	SS 4	STORM SEWER CLEANING	500	FT	\$20.00	\$10,000.00	\$9.00	\$6.00	\$7,500.00	\$5.00	\$15.00	\$10,000.00
		SUBTOTAL:				\$6,015,972.70			\$7,935,214.50			\$8,474,362.30
188	SPEC	CONTINGENCY (15%)	1.00	LS		\$902,395.91			\$1,190,282.18			\$1,271,154.35
		GRAND TOTAL:				\$6,918,368.61			\$9,125,496.68			\$9,745,516.65
		% DIFFERENCE FROM ENGINEER'S ESTIMATE							31.9%			40.9%
		% DIFFERENCE WITHIN LOWEST BIDDER							20.1%			28.3%

					Engineer's Estimate		Elite Excavating Co. of Ohio, Inc.			Trucco Construction Co., Inc.		
Ref. #	Item #	Description	QTY	Units	Unit Price	Extension	Materials	Labor	Extension	Materials	Labor	Extension
		Contract Compliance #, Expiration Date, Category, DAX #					20-1643186 (exp. 6/22/19, MAJ, 1064)			31-1293605 (5/6/18, MAJ, 4988)		

*APP = As Per Plan

Bids not evaluated since the top 3 are responsive and bidder is not within 10% of lowest bidder.

**ORD #0697-2018, Divisions of Sewers & Drains (Stormwater) & Water
Terrace/Broad Stormwater System Imp's & Eureka/Steele Water Line Imp's
CIP 611009-100000 & 690236-100074, DOW CT No. 2042
Bid Tabulation, Opened 1/17/18**

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Sunesis Construction Co.		
					Unit Price	Extension	Materials	Labor	Extension
1	201	CLEARING & GRUBBING	1	LS	\$12,000.00	\$12,000.00	\$500.00	\$10,000.00	\$10,500.00
2	202	PIPE REMOVED, 24" & <	206	FT	\$16.00	\$3,296.00	\$1.83	\$6.97	\$1,812.80
3	202	PIPE REMOVED, OVER 24"	1,163	FT	\$48.00	\$55,824.00	\$1.30	\$7.30	\$10,001.80
4	202	CATCH BASIN REMOVED	14	EA	\$460.00	\$6,440.00	\$100.26	\$294.74	\$5,530.00
5	202	PAVEMENT REMOVED	10,155	SY	\$10.25	\$104,088.75	\$4.35	\$4.45	\$89,364.00
6	202	PAVEMENT REMOVED (CONCR. BUS PAD)	234	SY	\$11.00	\$2,574.00	\$5.35	\$6.15	\$2,691.00
7	202	WALK REMOVED	13,938	SF	\$2.10	\$29,269.80	\$0.28	\$0.72	\$13,938.00
8	202	CURB REMOVED	1,109	FT	\$5.20	\$5,766.80	\$3.30	\$3.20	\$7,208.50
9	202	STONE CURB REMOVED & SALVAGED, APP	2,626	FT	\$7.00	\$18,382.00	\$2.66	\$10.34	\$34,138.00
10	202	CURB & GUTTER REMOVED	418	FT	\$10.00	\$4,180.00	\$3.29	\$3.71	\$2,926.00
11	202	MANHOLE REMOVED	9	EA	\$653.00	\$5,877.00	\$135.54	\$394.46	\$4,770.00
12	203	EXCAVATION	1,270	CY	\$12.00	\$15,240.00	\$15.12	\$16.88	\$40,640.00
13	203	EMBANKMENT	194	CY	\$9.50	\$1,843.00	\$0.00	\$10.00	\$1,940.00
14	203	ROADWAY MISC.: SPEED HUMP	2	EA	\$4,000.00	\$8,000.00	\$5,030.00	\$0.00	\$10,060.00
15	204	SUBGRADE COMPACTION	11,381	SY	\$2.50	\$28,452.50	\$0.00	\$2.15	\$24,469.15
16	204	PROOF ROLLING	4	HR	\$250.00	\$1,000.00	\$58.89	\$148.11	\$828.00
17	608	CONCRETE WALK, 4"	12,952	SF	\$6.00	\$77,712.00	\$6.40	\$1.10	\$97,140.00
18	608	CONCRETE WALK, 6"	320	SF	\$8.00	\$2,560.00	\$7.59	\$1.41	\$2,880.00
19	608	CONCRETE WALK, 8"	1,422	SF	\$8.85	\$12,584.70	\$8.63	\$1.37	\$14,220.00
20	608	CURB RAMPS	38	EA	\$800.00	\$30,400.00	\$188.36	\$261.64	\$17,100.00
21	608	DETECTABLE WARNING	38	EA	\$400.00	\$15,200.00	\$251.00	\$0.00	\$9,538.00
22	SPEC	REMOVE & REINSTALL FENCE, TYPE IN-KIND	178	FT	\$25.00	\$4,450.00	\$40.00	\$0.00	\$7,120.00
23	SPEC	PIPE ROOF DRAIN	178	EA	\$75.00	\$13,350.00	\$69.62	\$406.88	\$84,817.00
24	902	INCREASED OR DECREASED EARTH EXCAVATION	3,000	CY	\$12.00	\$36,000.00	\$33.50	\$0.00	\$100,500.00
25	207	INLET PROTECTION	106	EA	\$175.00	\$18,550.00	\$78.17	\$61.83	\$14,840.00
26	207	STRAW WATTLES	6,000	FT	\$7.00	\$42,000.00	\$3.25	\$0.00	\$19,500.00
27	207	DESIGNATED CONCRETE WASHOUT AREA	6	EA	\$3,500.00	\$21,000.00	\$963.54	\$196.46	\$6,960.00
28	207	CONSTR. SEEDING & MULCHING	613	SY	\$1.35	\$827.55	\$1.30	\$0.00	\$796.90
29	601	ROCK CHANNEL PROTECTION, TYPE A, W/ FILTER	32	CY	\$95.00	\$3,040.00	\$77.38	\$21.62	\$3,168.00
30	653	TOPSOIL FURNISHED & PLACED	882	CY	\$30.90	\$27,253.80	\$75.50	\$0.00	\$66,591.00
31	659	SEEDING & MULCHING	3,436	SY	\$1.35	\$4,638.60	\$1.41	\$0.59	\$6,872.00
32	659	WATER	19	MGAL	\$21.00	\$399.00	\$126.00	\$0.00	\$2,394.00
33	659	COMMERCIAL FERTILIZER	0.50	TON	\$600.00	\$300.00	\$840.00	\$0.00	\$420.00
34	602	CONCRETE MASONRY	4	CY	\$1,300.00	\$5,200.00	\$404.80	\$290.20	\$2,780.00
35	603	4" CONDUIT, TYPE B	9	FT	\$22.00	\$198.00	\$12.92	\$26.58	\$355.50
36	603	4" CONDUIT, TYPE F	350	FT	\$19.00	\$6,650.00	\$11.40	\$19.10	\$10,675.00
37	603	CONDUIT MISC.: CONNECT PROPOSED SEWER INTO EXISTING PIPE OR STRUCTURE	2	EA	\$650.00	\$1,300.00	\$720.73	\$529.27	\$2,500.00
38	604	STANDARD CURB & GUTTER INLET, AA-125A	31	EA	\$3,300.00	\$102,300.00	\$1,168.29	\$931.71	\$65,100.00

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Sunesis Construction Co.		
					Unit Price	Extension	Materials	Labor	Extension
39	604	STANDARD DOUBLE CURB & GUTTER INLET, AA-125B	25	EA	\$3,500.00	\$87,500.00	\$2,152.79	\$1,164.71	\$82,937.50
40	604	CATCH BASIN, 42" DIAMETER, AA-S132	3	EA	\$4,000.00	\$12,000.00	\$1,481.44	\$1,397.56	\$8,637.00
41	604	STANDARD CATCH BASIN, 12" DIAMETER, AA-S130	3	EA	\$2,000.00	\$6,000.00	\$979.55	\$931.45	\$5,733.00
42	604	STANDARD CATCH BASIN, AA-S133A	3	EA	\$2,500.00	\$7,500.00	\$1,369.44	\$931.56	\$6,903.00
43	604	MANHOLE, TYPE C, AA-S102	10	EA	\$6,200.00	\$62,000.00	\$2,143.47	\$4,304.53	\$64,480.00
44	604	MANHOLE, TYPE E, AA-S104	26	EA	\$7,000.00	\$182,000.00	\$4,415.70	\$5,996.30	\$270,712.00
45	604	MANHOLE, TYPE F, AA-S105	5	EA	\$6,500.00	\$32,500.00	\$6,219.54	\$9,606.46	\$79,130.00
46	604	DRAINAGE STRUCTURE MISC.: TIE EXISTING SEWER INTO PROPOSED STRUCTURE	19	EA	\$650.00	\$12,350.00	\$438.00	\$1,164.00	\$30,438.00
47	604	DRAINAGE STRUCTURE MISC.: 18" DRAIN BASIN	3	EA	\$1,200.00	\$3,600.00	\$1,186.51	\$1,072.49	\$6,777.00
48	604	DRAINAGE STRUCTURE MISC.: SIDEWALK DRAIN	2	EA	\$1,000.00	\$2,000.00	\$636.91	\$1,163.09	\$3,600.00
49	605	4" BASE PIPE UNDERDRAINS	3,546	FT	\$9.50	\$33,687.00	\$2.89	\$4.86	\$27,481.50
50	901	6" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	17	FT	\$85.00	\$1,445.00	\$12.89	\$28.11	\$697.00
51	901	12" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	594	FT	\$90.00	\$53,460.00	\$33.35	\$32.65	\$39,204.00
52	901	12" SANITARY PIPE (C905), W/TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	262	FT	\$110.00	\$28,820.00	\$58.30	\$45.70	\$27,248.00
53	901	15" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	296	FT	\$95.00	\$28,120.00	\$48.12	\$37.88	\$25,456.00
54	901	15" SANITARY PIPE (C905), W/TYPE I BEDDING 912 & COMP. GRAN. MAT., APP	351	FT	\$120.00	\$42,120.00	\$71.14	\$38.86	\$38,610.00
55	901	18" PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. MAT.	421	FT	\$100.00	\$42,100.00	\$66.34	\$47.16	\$47,783.50
56	901	18" SANITARY PIPE (C905), W/ TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	89	FT	\$125.00	\$11,125.00	\$87.58	\$61.42	\$13,261.00
57	901	24" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	291	FT	\$120.00	\$34,920.00	\$76.78	\$39.72	\$33,901.50
58	901	24" SANITARY PIPE (C905), W/TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	349	FT	\$140.00	\$48,860.00	\$138.22	\$63.78	\$70,498.00
59	901	27" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	20	FT	\$125.00	\$2,500.00	\$133.71	\$93.29	\$4,540.00
60	901	30" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	33	FT	\$140.00	\$4,620.00	\$223.96	\$204.04	\$14,124.00
61	901	60" RCP CLASS II SANITARY PIPE, W/TYPE 2 BEDDING & 912 COMP. GRAN. MAT., APP	153	FT	\$350.00	\$53,550.00	\$620.58	\$218.92	\$128,443.50
62	901	60" SANITARY PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	190	FT	\$350.00	\$66,500.00	\$298.18	\$202.32	\$95,095.00

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Sunesis Construction Co.		
					Unit Price	Extension	Materials	Labor	Extension
63	901	64" DUCTILE IRON PIPE PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. BACKFILL	68	FT	\$400.00	\$27,200.00	\$1,788.40	\$193.10	\$134,742.00
64	901	66" RCP SANITARY PIPE, W/ TYPE 2 BEDDING & 912 COMP. GRAN. BACKFILL, APP	439	FT	\$400.00	\$175,600.00	\$582.91	\$205.29	\$346,019.80
65	901	66" SANITARY PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. BACKFILL, APP	561	FT	\$400.00	\$224,400.00	\$581.59	\$187.41	\$431,409.00
66	901	72" PIPE W/ TYPE I BEDDING & 912 COMP. GRAN. MAT.	97	FT	\$450.00	\$43,650.00	\$667.96	\$219.64	\$86,097.20
67	901	72" SANITARY PIPE, W/ TYPE I BEDDING & 912 COMP. GRAN. BACKFILL, APP	135	FT	\$600.00	\$81,000.00	\$817.48	\$375.52	\$161,055.00
68	901	78" PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT.	239	FT	\$550.00	\$131,450.00	\$705.06	\$189.74	\$213,857.20
69	901	78" SANITARY PIPE, W/TYPE I BEDDING & 912 COMP. GRAN. MAT., APP	1,770	FT	\$700.00	\$1,239,000.00	\$904.86	\$494.14	\$2,476,230.00
70	604	INLET ADJUSTED, AS DIRECTED BY THE ENGINEER	20	EA	\$700.00	\$14,000.00	\$107.14	\$317.86	\$8,500.00
71	SPEC	PROJECT I.D. SIGNS	5	EA	\$4,000.00	\$20,000.00	\$800.00	\$0.00	\$4,000.00
72	254	PAVEMENT PLANING, ASPH. CONCRETE (1 1/4")	7,475	SY	\$2.00	\$14,950.00	\$4.50	\$0.00	\$33,637.50
73	255	FULL DEPTH PVMT. SAWING	2,052	FT	\$3.25	\$6,669.00	\$1.60	\$0.00	\$3,283.20
74	301	ASPHALT CONCRETE BASE	2,185	CY	\$130.00	\$284,050.00	\$163.72	\$11.28	\$382,375.00
75	304	AGGREGATE BASE	1,924	CY	\$57.00	\$109,668.00	\$35.61	\$16.19	\$99,663.20
76	407	TACK COAT	5,882	GAL	\$3.00	\$17,646.00	\$2.50	\$0.00	\$14,705.00
77	407	TACK COAT FOR INTERMEDIATE COURSE	5,500	GAL	\$3.20	\$17,600.00	\$2.50	\$0.00	\$13,750.00
78	448	ASPH. CONCRETE SURFACE COURSE, PG64-22	347	CY	\$160.00	\$55,520.00	\$183.00	\$0.00	\$63,501.00
79	448	ASPH. CONCRETE INTERMED. COURSE, PG64-22	483	CY	\$155.00	\$74,865.00	\$149.00	\$0.00	\$71,967.00
80	448	ASPH. CONCRETE SURFACE COURSE (HEAVY TRAFFIC PG70- 22M)	187	CY	\$165.00	\$30,855.00	\$196.00	\$0.00	\$36,652.00
81	448	ASPH. CONCRETE INTERM. COURSE (HEAVY TRAFFIC PG70- 22M)	253	CY	\$180.00	\$45,540.00	\$161.00	\$0.00	\$40,733.00
82	452	6" NON-REINF. PORTLAND CEMENT CONCRETE PVMT.	171	SY	\$70.00	\$11,970.00	\$63.40	\$0.00	\$10,841.40
83	452	7" NON-REINF. PORTLAND CEMENT CONCRETE PVMT.	503	SY	\$75.00	\$37,725.00	\$65.40	\$0.00	\$32,896.20
84	452	8" NON-REINF. PORTLAND CEMENT CONCRETE PVMT.	113	SY	\$80.00	\$9,040.00	\$72.40	\$0.00	\$8,181.20
85	452	10" NON-REINF. PORTLAND CEMENT CONCRETE PVMT.	254	SY	\$85.00	\$21,590.00	\$74.40	\$0.00	\$18,897.60
86	609	CURB STRAIGHT 18"	4,139	FT	\$20.00	\$82,780.00	\$17.68	\$2.02	\$81,538.30
87	609	COMBINATION CURB & GUTTER, TYPE ST&ARD	316	FT	\$27.00	\$8,532.00	\$30.50	\$2.30	\$10,364.80

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Sunesis Construction Co.		
					Unit Price	Extension	Materials	Labor	Extension
88	609	COMBINATION CURB & GUTTER, TYPE SPECIAL, 8", APP	521	FT	\$35.00	\$18,235.00	\$23.93	\$2.32	\$13,676.25
89	SPEC	CURB & WALK REPAIR	81	FT	\$68.00	\$5,508.00	\$97.99	\$25.01	\$9,963.00
90	615	PVMT. FOR MAINTAINING TRAFFIC, TYPE A	105	SY	\$55.00	\$5,775.00	\$61.45	\$17.05	\$8,242.50
91	202	PIPE REMOVED	30	FT	\$16.00	\$480.00	\$2.06	\$6.44	\$255.00
92	801	6" WATER PIPE & FITTINGS	98	FT	\$150.00	\$14,700.00	\$143.96	\$182.54	\$31,997.00
93	801	8" WATER PIPE & FITTINGS	3,278	FT	\$160.00	\$524,480.00	\$82.56	\$55.94	\$454,003.00
94	801	CONCR. BLOCKING, CLASS C, INCREASE OR DECREASE	10	C.Y.	\$150.00	\$1,500.00	\$164.00	\$0.00	\$1,640.00
95	801	FITTINGS, INCREASE OR DECREASE	530	PD	\$4.00	\$2,120.00	\$1.90	\$0.00	\$1,007.00
96	802	6" VALVES & APPUR.	10	EA	\$1,600.00	\$16,000.00	\$906.74	\$106.26	\$10,130.00
97	802	8" VALVES & APPUR.	8	EA	\$1,700.00	\$13,600.00	\$1,291.60	\$159.40	\$11,608.00
98	802	12 " VALVES & APPUR.	1	EA	\$2,400.00	\$2,400.00	\$2,823.44	\$212.56	\$3,036.00
99	803	20" X 8" TAPPING SLEEVE & VALVE & APPUR.	1	EA	\$15,000.00	\$15,000.00	\$3,230.77	\$3,159.23	\$6,390.00
100	805	3/4" WATER SERVICE TAP, XFR'D - SHORT	61	EA	\$2,300.00	\$140,300.00	\$735.14	\$1,334.86	\$126,270.00
101	805	1" WATER SERVICE TAP, XFR'D - SHORT	7	EA	\$3,000.00	\$21,000.00	\$929.47	\$1,555.53	\$17,395.00
102	805	1 1/2" WATER SERVICE TAP, XFR'D -SHORT	1	EA	\$3,200.00	\$3,200.00	\$2,121.19	\$3,248.81	\$5,370.00
103	805	2" WATER SERVICE TAP, XFR'D - SHORT	3	EA	\$3,500.00	\$10,500.00	\$1,903.14	\$2,708.86	\$13,836.00
104	805	3/4" WATER SERVICE TAP, XFR'D - LONG	42	EA	\$2,900.00	\$121,800.00	\$1,153.09	\$1,574.91	\$114,576.00
105	805	1" WATER SERVICE TAP, XFR'D - LONG	1	EA	\$3,500.00	\$3,500.00	\$1,290.40	\$1,580.60	\$2,871.00
106	805	CURB BOX	94	EA	\$350.00	\$32,900.00	\$58.94	\$70.06	\$12,126.00
107	807	VALVE BOX ADJUSTED TO GRADE	5	EA	\$320.00	\$1,600.00	\$0.00	\$106.00	\$530.00
108	807	SERVICE BOX ADJUSTED TO GRADE	5	EA	\$330.00	\$1,650.00	\$0.00	\$106.00	\$530.00
109	808	RELOCATE 4" WATER LINE OR WATER SERVICE TAP	1	EA	\$700.00	\$700.00	\$5,030.75	\$3,759.25	\$8,790.00
110	808	RELOCATE 6" WATER LINE OR WATER SERVICE TAP	9	EA	\$900.00	\$8,100.00	\$4,091.91	\$3,763.09	\$70,695.00
111	808	RELOCATE 8" WATER LINE OR WATER SERVICE TAP	6	EA	\$1,100.00	\$6,600.00	\$5,315.02	\$3,759.98	\$54,450.00
112	808	RELOCATE 12" WATER LINE OR WATER SERVICE TAP	1	EA	\$1,300.00	\$1,300.00	\$7,013.75	\$4,707.25	\$11,721.00
113	809	FIRE HYDRANT	7	EA	\$4,000.00	\$28,000.00	\$1,686.37	\$1,397.63	\$21,588.00
114	810	6" HYDRANT EXTENSION	2	EA	\$500.00	\$1,000.00	\$359.03	\$335.97	\$1,390.00
115	810	12" HYDRANT EXTENSION	2	EA	\$600.00	\$1,200.00	\$419.10	\$335.90	\$1,510.00
116	810	18" HYDRANT EXTENSION	2	EA	\$700.00	\$1,400.00	\$477.17	\$335.83	\$1,626.00
117	810	24" HYDRANT EXTENSION	1	EA	\$800.00	\$800.00	\$538.94	\$504.06	\$1,043.00
118	811	INCREASE OR DECREASE IN EXCAVATION OR BACKFILL	20	CY	\$25.00	\$500.00	\$53.50	\$0.00	\$1,070.00
119	816	1" WATER MAIN ABANDONED	1	EA	\$1,500.00	\$1,500.00	\$28.60	\$335.40	\$364.00

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Sunesis Construction Co.		
					Unit Price	Extension	Materials	Labor	Extension
120	816	1.5" WATER MAIN ABANDONED	1	EA	\$2,000.00	\$2,000.00	\$57.27	\$335.73	\$393.00
121	SPEC	TEMPORARY PAVEMENT	38	CY	\$60.00	\$2,280.00	\$44.09	\$42.91	\$3,306.00
122	SPEC	SURVEY COORDINATES	1	LS	\$20,000.00	\$20,000.00	\$14,080.00	\$0.00	\$14,080.00
123	630	GROUND MOUNTED SUPPORT, NO. 3 POST	200	FT	\$9.50	\$1,900.00	\$14.00	\$0.00	\$2,800.00
124	630	STREET NAME SIGN SUPPORT, NO. 2 POST	100	FT	\$12.00	\$1,200.00	\$52.30	\$0.00	\$5,230.00
125	630	SIGN, FLAT SHEET	200	SF	\$16.50	\$3,300.00	\$22.10	\$0.00	\$4,420.00
126	630	SIGN, DOUBLE FACED, STREET NAME	5	EA	\$150.00	\$750.00	\$588.50	\$0.00	\$2,942.50
127	630	REMOVAL OF GROUND MOUNTED SIGN & DISPOSAL	20	EA	\$16.50	\$330.00	\$40.25	\$0.00	\$805.00
128	630	REMOVAL OF GROUND MOUNTED POST SUPPORT & DISPOSAL	20	EA	\$20.00	\$400.00	\$40.00	\$0.00	\$800.00
129	632	DETECTOR LOOP, APP	1	EA	\$1,400.00	\$1,400.00	\$782.00	\$0.00	\$782.00
130	644	LANE LINE	0.34	MILE	\$1,400.00	\$476.00	\$1,559.00	\$0.00	\$530.06
131	644	CENTER LINE	0.65	MILE	\$3,900.00	\$2,535.00	\$6,137.00	\$0.00	\$3,989.05
132	644	EDGE LINE	0.01	MILE	\$2,300.00	\$23.00	\$30,182.00	\$0.00	\$301.82
133	644	STOP LINE, 20"	253	FT	\$7.20	\$1,821.60	\$6.00	\$0.00	\$1,518.00
134	644	CHANNELIZING LINE, 10"	3,568	FT	\$2.00	\$7,136.00	\$1.50	\$0.00	\$5,352.00
135	644	CROSSWALK LINE, TYPE 1	1,013	FT	\$3.40	\$3,444.20	\$3.00	\$0.00	\$3,039.00
136	644	DOTTED LINE	772	FT	\$2.20	\$1,698.40	\$2.00	\$0.00	\$1,544.00
137	644	LANE ARROW	23	EA	\$110.00	\$2,530.00	\$85.50	\$0.00	\$1,966.50
138	644	WORD ON PAVEMENT, 72"	2	EA	\$135.00	\$270.00	\$124.75	\$0.00	\$249.50
139	644	TRANVERSE LINE	692	FT	\$5.50	\$3,806.00	\$5.00	\$0.00	\$3,460.00
140	644	PARKING LOT STALL MARKING	186	FT	\$7.00	\$1,302.00	\$3.00	\$0.00	\$558.00
141	647	SPEED HUMP MARKING	8	EA	\$250.00	\$2,000.00	\$215.25	\$0.00	\$1,722.00
142	647	BIKE MARKING	13	EA	\$325.00	\$4,225.00	\$407.50	\$0.00	\$5,297.50
143	647	BIKE MARKING, APP	6	EA	\$350.00	\$2,100.00	\$760.50	\$0.00	\$4,563.00
144	647	PAVEMENT MARKING MISC.: SHARROW	17	EA	\$350.00	\$5,950.00	\$386.25	\$0.00	\$6,566.25
145	603	CONDUIT MISC.: CONNECT PROPOSED SEWER INTO EXISTING PIPE OR STRUCTURE	1	EA	\$650.00	\$650.00	\$716.54	\$1,397.46	\$2,114.00
146	604	STRUCTURE MISC.: TIE EXISTING SEWER INTO PROPOSED STRUCTURE	1	EA	\$650.00	\$650.00	\$716.54	\$1,397.46	\$2,114.00
147	604	MANHOLE, TYPE C, AA-S102	1	EA	\$9,000.00	\$9,000.00	\$2,100.03	\$3,560.97	\$5,661.00
148	901	10" SANITARY PIPE, W/ TYPE I BEDDING & COMP. GRAN. MAT.	35	FT	\$120.00	\$4,200.00	\$255.18	\$213.82	\$16,415.00
149	SPECIAL	SANITARY SERVICE RELOC. (AS DIRECTED BY ENGINEER)	1	LS	\$75,000.00	\$75,000.00	\$0.00	\$75,000.00	\$75,000.00
150	202	WALK REMOVED	100	SF	\$2.10	\$210.00	\$0.67	\$1.98	\$265.00
151	410	TRAFFIC COMP. SURFACE, TYPE A OR B	200	CY	\$125.00	\$25,000.00	\$30.85	\$33.65	\$12,900.00
152	608	4' CONCRETE WALK	100	SF	\$6.00	\$600.00	\$6.68	\$2.32	\$900.00
153	614	ASPHALT FOR MAINTAINING TRAFFIC	200	CY	\$190.00	\$38,000.00	\$402.00	\$0.00	\$80,400.00
154	614	MAINTAINING TRAFFIC	1	LS	\$55,000.00	\$55,000.00	\$34,903.76	\$12,596.24	\$47,500.00

Ref. #	Item #	Description	QTY	Units	Engineer's Estimate		Sunesis Construction Co.		
					Unit Price	Extension	Materials	Labor	Extension
155	614	DETOUR SIGNING	1	LS	\$10,000.00	\$10,000.00	\$31,450.00	\$0.00	\$31,450.00
156	614	REPLACEMENT SIGN	100	SF	\$20.00	\$2,000.00	\$15.00	\$0.00	\$1,500.00
157	614	REPLACEMENT DRUM	100	EA	\$65.00	\$6,500.00	\$50.25	\$0.00	\$5,025.00
158	614	WORK ZONE CENTER LINE	0.76	MILE	\$1,300.00	\$988.00	\$1,851.00	\$0.00	\$1,406.76
159	614	WORK ZONE EDGE LINE	1.69	MILE	\$1,000.00	\$1,690.00	\$1,146.00	\$0.00	\$1,936.74
160	614	WORK ZONE STOP LINE	202	FT	\$5.00	\$1,010.00	\$3.70	\$0.00	\$747.40
161	614	WORK ZONE CHANNELIZING LINE	420	FT	\$0.75	\$315.00	\$0.75	\$0.00	\$315.00
162	614	WORK ZONE LANE ARROW	6	EA	\$85.00	\$510.00	\$161.00	\$0.00	\$966.00
163	614	WORK ZONE WORD ON PAVEMENT, 72"	2	EA	\$125.00	\$250.00	\$161.00	\$0.00	\$322.00
164	614	WORK ZONE BIKE MARKING	2	EA	\$200.00	\$400.00	\$161.00	\$0.00	\$322.00
165	614	LAW ENFORCEMENT OFFICER (LEO) W/ PATROL CAR, APP	40	HR	\$100.00	\$4,000.00	\$65.00	\$0.00	\$2,600.00
166	614	LAW ENFORCEMENT OFFICER (LEO) W/O PATROL CAR, APP	40	HR	\$75.00	\$3,000.00	\$55.00	\$0.00	\$2,200.00
167	614	MAINTAINING TRAFFIC MISC.: TEMP. VIDEO DETECTION SYS.	2	EA	\$15,000.00	\$30,000.00	\$6,440.00	\$0.00	\$12,880.00
168	615	PAVEMENT FOR MAINTAINING TRAFFIC, TYPE B	1,000	SY	\$65.00	\$65,000.00	\$91.00	\$13.50	\$104,500.00
169	616	DUST CONTROL, COMPLETE.	1	LS	\$20,000.00	\$20,000.00	\$0.00	\$2,850.00	\$2,850.00
170	622	PORTABLE BARRIER, 32"	968	FT	\$12.50	\$12,100.00	\$23.00	\$0.00	\$22,264.00
171	625	CONDUIT 1", 1-1/2" OR 2" DIA.	100	FT	\$11.50	\$1,150.00	\$2.80	\$0.00	\$280.00
172	625	TRENCH	100	FT	\$7.75	\$775.00	\$37.40	\$0.00	\$3,740.00
173	625	PULL BOX, APP	2	EA	\$900.00	\$1,800.00	\$623.00	\$0.00	\$1,246.00
174	632	CONDUIT RISER 1", 1-1/2" OR 2" INCH DIA.	50	FT	\$32.00	\$1,600.00	\$23.00	\$0.00	\$1,150.00
175	632	DETECTOR LOOP	10	EA	\$1,200.00	\$12,000.00	\$3,385.00	\$0.00	\$33,850.00
176	632	LOOP DETECTOR LEAD-IN CABLE	100	FT	\$2.50	\$250.00	\$16.00	\$0.00	\$1,600.00
177	632	LASH/UNLASH CABLE	100	FT	\$2.50	\$250.00	\$13.70	\$0.00	\$1,370.00
178	815	CRUSHED STONE OR GRAVEL	25	CY	\$50.00	\$1,250.00	\$44.24	\$43.76	\$2,200.00
179	SPECIAL	LIGHT POLE RELOCATION	1	EA	\$5,000.00	\$5,000.00	\$2,044.00	\$0.00	\$2,044.00
180	661	DECIDUOUS TREE, 2.5", LONDON PLANE TREE	5	EA	\$700.00	\$3,500.00	\$603.00	\$0.00	\$3,015.00
181	661	DECIDUOUS TREE, 2.5", TRIDENT MAPLE	5	EA	\$725.00	\$3,625.00	\$603.00	\$0.00	\$3,015.00
182	661	DECIDUOUS TREE, 2.5", RED OAK	5	EA	\$750.00	\$3,750.00	\$603.00	\$0.00	\$3,015.00
183	662	LANDSCAPE WATERING	600	GAL	\$5.00	\$3,000.00	\$1.00	\$0.00	\$600.00
184	623	TYPE B CPM PROGRESS SCHEDULE	1	LS	\$24,000.00	\$24,000.00	\$0.00	\$4,750.00	\$4,750.00
185	623	CONSTR. LAYOUT STAKES	1	LS	\$25,000.00	\$25,000.00	\$26,460.00	\$0.00	\$26,460.00
186	624	MOBILIZATION	1	LS	\$100,000.00	\$100,000.00	\$165,299.67	\$85,048.95	\$250,348.62
187	SS 4	STORM SEWER CLEANING	500	FT	\$20.00	\$10,000.00	\$8.00	\$0.00	\$4,000.00
		SUBTOTAL:				\$6,015,972.70			\$8,580,823.20
188	SPEC	CONTINGENCY (15%)	1.00	LS		\$902,395.91			\$1,287,123.48
		GRAND TOTAL:				\$6,918,368.61			\$9,867,946.68
		% DIFFERENCE FROM ENGINEER'S ESTIMATE							42.6%
		% DIFFERENCE WITHIN LOWEST BIDDER							29.9%

					Engineer's Estimate		Sunesis Construction Co.		
Ref. #	Item #	Description	QTY	Units	Unit Price	Extension	Materials	Labor	Extension
		Contract Compliance #, Expiration Date, Category, DAX #							

*APP = As Per Plan

Corrected rounding on Contingency/Grand Total.



Number:	611009-100000	
Description:	Terrace/Broad Stormwater System Impr Water Line Improvements (CIP 611009-100000 and 690236-100074)	
Deadline:	2018-01-17 20:00:00	
	UTC	
Bids		
Business	Bid Total	Signed by
Shelly & Sands, Inc.	\$7,598,803.95	Jeff Schultz
Danbert, Inc.	\$8,241,243.24	Matthew Lem
Complete General Construction	\$8,269,856.77	Lee Guzzo
George J. Igel & Co., Inc.	\$8,923,813.19	Matthew Chec
Elite Excavating Co. of Ohio, Inc.	\$9,125,496.68	Dale Stevens
Trucco Construction Co., Inc.	\$9,745,516.65	Randy King
Sunesis Construction Co.	\$9,867,946.65	Jason Shaw

movements and Eureka/Steere
Opened at
2018-01-17 20:02:46 UTC
2018-01-17 20:01:20 UTC
2018-01-17 20:01:40 UTC
2018-01-17 20:03:14 UTC
2018-01-17 20:02:30 UTC
2018-01-17 20:01:29 UTC
2018-01-17 20:02:13 UTC