					Engineer	's Estimate	Undergro	und Utilities	(not local)
Ref.									
#	#	Description	Qty	Units	Unit Price	Extension	Materials	Labor	Extension
1	254	PVMT. PLANING, ASPH. CONCRETE	18,614	SY	\$3.00	\$55,842.00	\$1.54	\$0.66	\$40,950.80
		DRIVEWAY PVMT. REPL., TYPE IIIA							
2	259	(ASPHALT)	8	CY	\$450.00	\$3,600.00	\$490.00	\$210.00	\$5,600.00
		DRIVEWAY PVMT. REPL., TYPE IIIB							
3	259	(CONCRETE)	9	CY	\$500.00	\$4,500.00	\$490.00	\$210.00	\$6,300.00
		DRIVEWAY PVMT. REPL., TYPE IIIC							
4	259	(GRAVEL)	11	CY	\$300.00	\$3,300.00	\$49.00	\$21.00	\$770.00
5	407	TACK COAT	2,792	GAL	\$3.00	\$8,376.00	\$3.15	\$1.35	\$12,564.00
		ASPHALT CONCRETE SURFACE							
6	441	COURSE, TYPE 1, (448), PG64-22	775	CY	\$200.00	\$155,000.00	\$136.50	\$58.50	\$151,125.00
7	608	CONCRETE WALK, 4"	5,817	SF	\$14.00	\$81,438.00	\$8.40	\$3.60	\$69,804.00
8	608	CURB RAMP	5	EA	\$1,000.00	\$5,000.00	\$192.50	\$82.50	\$1,375.00
9	608	DETECTABLE WARNING, TYPE E	40	SF	\$25.00	\$1,000.00	\$25.20	\$10.80	\$1,440.00
10	609	CURB, STRAIGHT 18"	71	LF	\$35.00	\$2,485.00	\$24.50	\$10.50	\$2,485.00
11	614	MAINTAINING TRAFFIC	1	LS	\$50,000.00	\$50,000.00	\$3,500.00	\$1,500.00	\$5,000.00
12	615	TEMPORARY PAVEMENT	5,148	SY	\$25.00	\$128,700.00	\$0.07	\$0.03	\$514.80
13	632	DETECTOR LOOP, AS PER PLAN	1	EA	\$2,500.00	\$2,500.00	\$1,750.00	\$750.00	\$2,500.00
14	659	SEEDING & MULCHING, CLASS 1	540	SY	\$6.00	\$3,240.00	\$7.00	\$3.00	\$5,400.00
15	801	6" WATER PIPE & FITTINGS	526	LF	\$105.00	\$55,230.00	\$81.20	\$34.80	\$61,016.00
16	801	8" WATER PIPE & FITTINGS	11,309	LF	\$110.00	\$1,243,990.00	\$91.35	\$39.15	\$1,475,824.50
17	801	12" WATER PIPE & FITTINGS	1,771	LF	\$145.00	\$256,795.00	\$114.80	\$49.20	\$290,444.00
18	801	16" WATER PIPE & FITTINGS	12	LF	\$250.00	\$3,000.00	\$630.00	\$270.00	\$10,800.00
		DUCTILE IRON FITTINGS, INCREASE							
19	801*	OR DECREASE	2,160	LB	\$4.00	\$8,640.00	\$0.07	\$0.03	\$216.00
		CONCRETE BACKING CLASS COC 6,							
20	801*	INCREASE OR DECREASE	100	CY	\$100.00	\$10,000.00	\$7.00	\$3.00	\$1,000.00
21	802	6" VALVE & APPURTENANCES	41	EA	\$1,200.00	\$49,200.00	\$910.00	\$390.00	\$53,300.00
22	802	8" VALVE & APPURTENANCES	22	EA	\$1,600.00	\$35,200.00	\$1,120.00	\$480.00	\$35,200.00
23	802	12" VALVE & APPURTENANCES	3	EA	\$2,500.00	\$7,500.00	\$1,750.00	\$750.00	\$7,500.00

					Engineer'	s Estimate	Undergrou	<mark>ınd Utilities (</mark>	not local)
Ref.									
#	#	Description	Qty	Units	Unit Price	Extension	Materials	Labor	Extension
		16" x 8" TAPPING SLEEVE & VALVE &							
24	803	APPURTENANCES	3	EA	\$5,000.00	\$15,000.00	\$4,550.00	\$1,950.00	\$19,500.00
25		3/4" WATER SVC. LINE XFR'D (LONG)	128	EA	\$1,400.00	\$179,200.00	\$350.00	\$150.00	\$64,000.00
26		3/4" WATER SVC. LINE XFR'D (SHORT)	142	EA	\$1,100.00	\$156,200.00	\$280.00	\$120.00	\$56,800.00
27	805	1" WATER SVC. LINE XFR'D (LONG)	12	EA	\$1,800.00	\$21,600.00	\$490.00	\$210.00	\$8,400.00
28	805	1" WATER SVC. LINE XFR'D (SHORT)	15	EA	\$1,500.00	\$22,500.00	\$420.00	\$180.00	\$9,000.00
29	805	1-1/2" WATER SVC. LINE XFR'D	1	EA	\$2,500.00	\$2,500.00	\$1,050.00	\$450.00	\$1,500.00
30	805	1-1/2" WATER SVC. LINE XFR'D (SHORT)	1	EA	\$2,200.00	\$2,200.00	\$840.00	\$360.00	\$1,200.00
31	805	4" WATER SVC. LINE XFR'D	1	EA	\$5,000.00	\$5,000.00	\$4,900.00	\$2,100.00	\$7,000.00
32	805	6" WATER SVC. LINE XFR'D	1	EA	\$5,000.00	\$5,000.00	\$5,600.00	\$2,400.00	\$8,000.00
33	805	2" CURB STOP	1	EA	\$200.00	\$200.00	\$420.00	\$180.00	\$600.00
34	805	1-1/2" CURB STOP	1	EA	\$200.00	\$200.00	\$350.00	\$150.00	\$500.00
35	805	C.I. FERRULE VALVE BOX & COVER	19	EA	\$100.00	\$1,900.00	\$49.00	\$21.00	\$1,330.00
36	805*	CURB BOX	296	EA	\$100.00	\$29,600.00	\$70.00	\$30.00	\$29,600.00
37	808	1-1/2" WATER MAIN ABANDONED	1	EA	\$500.00	\$500.00	\$700.00	\$300.00	\$1,000.00
38	808	2 INCH WATER MAIN ABANDONED	4	EA	\$500.00	\$2,000.00	\$840.00	\$360.00	\$4,800.00
39	809	FIRE HYDRANT	33	EA	\$2,700.00	\$89,100.00	\$1,750.00	\$750.00	\$82,500.00
40	809	FIRE HYDRANT, ABANDONED	3	EA	\$500.00	\$1,500.00	\$420.00	\$180.00	\$1,800.00
41	810*	6" HYDRANT EXTENSION	6	EA	\$350.00	\$2,100.00	\$35.00	\$15.00	\$300.00
42	810*	12" HYDRANT EXTENSION	6	EA	\$400.00	\$2,400.00	\$35.00	\$15.00	\$300.00
43	810*	18" HYDRANT EXTENSION	6	EA	\$450.00	\$2,700.00	\$35.00	\$15.00	\$300.00
44	810*	24" HYDRANT EXTENSION	6	EA	\$500.00	\$3,000.00	\$35.00	\$15.00	\$300.00
		INCREASE OR DECREASE IN				. ,	· ·		·
45	811*	EXCAVATION & BACKFILL	100	CY	\$45.00	\$4,500.00	\$7.00	\$3.00	\$1,000.00
46	815	CRUSHED STONE GRAVEL	18	CY	\$30.00	\$540.00	\$49.00	\$21.00	\$1,260.00
		3/4" WATER SVC. LINE XFR'D			,	, , , , , , , ,	, , , , , ,	,	, ,
47	SPEC	(SHORT), HOT TAP	5	EA	\$2,000.00	\$10,000.00	\$1,400.00	\$600.00	\$10,000.00
48		1-1/2" COPPER TUBING & FITTINGS	22	LF	\$60.00	\$1,320.00	\$140.00	\$60.00	\$4,400.00
49		2" COPPER TUBING & FITTINGS	205	LF	\$60.00	\$12,300.00	\$49.00	\$21.00	\$14,350.00
50		HEAT WELDING	235	SY	\$70.00	\$16,450.00	\$40.60	\$17.40	\$13,630.00
51		PERMANENT PAVEMENT	1,150	CY	\$300.00	\$345,000.00	\$182.00	\$78.00	\$299,000.00
52		SURVEY COORDINATES	1,130	LS	\$1,500.00	\$1,500.00	\$2,100.00	\$900.00	\$3,000.00
		PROJECT IDENTIFICATION SIGNS	16	EA	\$800.00	\$1,300.00	\$2,100.00	\$90.00	\$4,800.00
53	SPEC	I KOJECI JUENTII ICATION SIONS	16	EА	\$600.00	\$12,800.00	\$210.00	\$90.00	J4,8UU.UU

					Engineer'	s Estimate	Undergrou	<mark>ınd Utilities (</mark>	not local)
Ref.	Item								
#	#	Description	Qty	Units	Unit Price	Extension	Materials	Labor	Extension
54	SPEC	TEMP. SEDIMENT & EROSION CTRL	1	LS	\$10,000.00	\$10,000.00	\$1,400.00	\$600.00	\$2,000.00
55	SPEC	TEMP. SEEDING & MULCHING	540	SY	\$2.00	\$1,080.00	\$0.70	\$0.30	\$540.00
		STAMPED INTERSECTION SPEED							
56	SPEC	TABLE REPL.	2	EA	\$3,000.00	\$6,000.00	\$9,800.00	\$4,200.00	\$28,000.00
		SUBTOTAL:				\$3,140,426.00			\$2,921,839.10
57	SPEC	CONTINGENCY (10%)				\$314,042.60			\$292,183.91
		GRAND TOTAL:				\$3,454,468.60			\$3,214,023.01
		ESTIMATE							-6.96%
		BIDDER							N/A
		Contract Compliance No.					34-1248942	2 (exp. 3/15/1	9, MAJ, 6588)

MBE:	Rath	
FBE:	Builders	2.4%

					Engineer	's Estimate	Shelly & Sands, Inc.			
Ref.		Б	0.	T T 4.	#T 1/ T	T	3.5			
#	#	Description	Qty	Units	Unit Price	Extension	Materials	Labor	Extension	
1	254	PVMT. PLANING, ASPH. CONCRETE	18,614	SY	\$3.00	\$55,842.00	\$0.00	\$4.20	\$78,178.80	
		DRIVEWAY PVMT. REPL., TYPE IIIA								
2	259	(ASPHALT)	8	CY	\$450.00	\$3,600.00	\$750.00	\$750.00	\$12,000.00	
		DRIVEWAY PVMT. REPL., TYPE IIIB								
3	259	(CONCRETE)	9	CY	\$500.00	\$4,500.00	\$475.00	\$475.00	\$8,550.00	
		DRIVEWAY PVMT. REPL., TYPE IIIC								
4	259	(GRAVEL)	11	CY	\$300.00	\$3,300.00	\$62.50	\$62.50	\$1,375.00	
5	407	TACK COAT	2,792	GAL	\$3.00	\$8,376.00	\$1.25	\$1.25	\$6,980.00	
		ASPHALT CONCRETE SURFACE								
6	441	COURSE, TYPE 1, (448), PG64-22	775	CY	\$200.00	\$155,000.00	\$97.50	\$97.50	\$151,125.00	
7	608	CONCRETE WALK, 4"	5,817	SF	\$14.00	\$81,438.00	\$6.75	\$6.75	\$78,529.50	
8	608	CURB RAMP	5	EA	\$1,000.00	\$5,000.00	\$80.00	\$80.00	\$800.00	
9	608	DETECTABLE WARNING, TYPE E	40	SF	\$25.00	\$1,000.00	\$17.50	\$17.50	\$1,400.00	
10	609	CURB, STRAIGHT 18"	71	LF	\$35.00	\$2,485.00	\$26.50	\$26.50	\$3,763.00	
11	614	MAINTAINING TRAFFIC	1	LS	\$50,000.00	\$50,000.00	\$35,000.00	\$264,400.00	\$299,400.00	
12	615	TEMPORARY PAVEMENT	5,148	SY	\$25.00	\$128,700.00	\$2.50	\$2.50	\$25,740.00	
13	632	DETECTOR LOOP, AS PER PLAN	1	EA	\$2,500.00	\$2,500.00	\$2,200.00	\$2,200.00	\$4,400.00	
14	659	SEEDING & MULCHING, CLASS 1	540	SY	\$6.00	\$3,240.00	\$6.50	\$6.50	\$7,020.00	
15	801	6" WATER PIPE & FITTINGS	526	LF	\$105.00	\$55,230.00	\$48.50	\$48.50	\$51,022.00	
16	801	8" WATER PIPE & FITTINGS	11,309	LF	\$110.00	\$1,243,990.00	\$50.00	\$50.00	\$1,130,900.00	
17	801	12" WATER PIPE & FITTINGS	1,771	LF	\$145.00	\$256,795.00	\$62.50	\$62.50	\$221,375.00	
18	801	16" WATER PIPE & FITTINGS	12	LF	\$250.00	\$3,000.00	\$207.50	\$207.50	\$4,980.00	
		DUCTILE IRON FITTINGS, INCREASE								
19	801*	OR DECREASE	2,160	LB	\$4.00	\$8,640.00	\$1.45	\$1.45	\$6,264.00	
		CONCRETE BACKING CLASS COC 6,								
20	801*	INCREASE OR DECREASE	100	CY	\$100.00	\$10,000.00	\$62.50	\$62.50	\$12,500.00	
21	802	6" VALVE & APPURTENANCES	41	EA	\$1,200.00	\$49,200.00	\$550.00	\$550.00	\$45,100.00	
22	802	8" VALVE & APPURTENANCES	22	EA	\$1,600.00	\$35,200.00	\$700.00	\$700.00	\$30,800.00	
23	802	12" VALVE & APPURTENANCES	3	EA	\$2,500.00	\$7,500.00	\$1,125.00	\$1,125.00	\$6,750.00	

					Engineer's	s Estimate	Shel	lly & Sands, Inc	•
Ref.	Item								
#	#	Description	Qty	Units	Unit Price	Extension	Materials	Labor	Extension
		16" x 8" TAPPING SLEEVE & VALVE &							
24	803	APPURTENANCES	3	EA	\$5,000.00	\$15,000.00	\$3,350.00	\$3,350.00	\$20,100.00
25	805	3/4" WATER SVC. LINE XFR'D (LONG)	128	EA	\$1,400.00	\$179,200.00	\$950.00	\$950.00	\$243,200.00
26		3/4" WATER SVC. LINE XFR'D (BORT)	142	EA EA	\$1,400.00	\$179,200.00	\$825.00	\$825.00	\$234,300.00
27	805	1" WATER SVC. LINE XFR'D (LONG)	12	EA	\$1,800.00	\$21,600.00	\$1,025.00	\$1,025.00	\$24,600.00
28	805	1" WATER SVC. LINE XFR'D (SHORT)	15	EA	\$1,500.00	\$22,500.00	\$825.00	\$825.00	\$24,750.00
29	805	1-1/2" WATER SVC. LINE XFR'D	1	EA	\$2,500.00	\$2,500.00	\$1,250.00	\$1,250.00	\$2,500.00
30	805	1-1/2" WATER SVC. LINE XFR'D (SHORT)	1	EA	\$2,200.00	\$2,200.00	\$1,050.00	\$1,050.00	\$2,100.00
31	805	4" WATER SVC. LINE XFR'D	1	EA	\$5,000.00	\$5,000.00	\$2,850.00	\$2,850.00	\$5,700.00
32		6" WATER SVC. LINE XFR'D	1	EA	\$5,000.00	\$5,000.00	\$3,200.00	\$3,200.00	\$6,400.00
33	805	2" CURB STOP	1	EA	\$200.00	\$200.00	\$412.50	\$412.50	\$825.00
34	805	1-1/2" CURB STOP	1	EA	\$200.00	\$200.00	\$362.50	\$362.50	\$725.00
35	805	C.I. FERRULE VALVE BOX & COVER	19	EA	\$100.00	\$1,900.00	\$112.50	\$112.50	\$4,275.00
36	805*	CURB BOX	296	EA	\$100.00	\$29,600.00	\$45.00	\$45.00	\$26,640.00
37	808	1-1/2" WATER MAIN ABANDONED	1	EA	\$500.00	\$500.00	\$362.50	\$362.50	\$725.00
38	808	2 INCH WATER MAIN ABANDONED	4	EA	\$500.00	\$2,000.00	\$362.50	\$362.50	\$2,900.00
39	809	FIRE HYDRANT	33	EA	\$2,700.00	\$89,100.00	\$1,750.00	\$1,750.00	\$115,500.00
40	809	FIRE HYDRANT, ABANDONED	3	EA	\$500.00	\$1,500.00	\$375.00	\$375.00	\$2,250.00
41	810*	6" HYDRANT EXTENSION	6	EA	\$350.00	\$2,100.00	\$312.50	\$312.50	\$3,750.00
42	810*	12" HYDRANT EXTENSION	6	EA	\$400.00	\$2,400.00	\$335.00	\$335.00	\$4,020.00
43	810*	18" HYDRANT EXTENSION	6	EA	\$450.00	\$2,700.00	\$415.00	\$415.00	\$4,980.00
44	810*	24" HYDRANT EXTENSION	6	EA	\$500.00	\$3,000.00	\$432.50	\$432.50	\$5,190.00
		INCREASE OR DECREASE IN							
45	811*	EXCAVATION & BACKFILL	100	CY	\$45.00	\$4,500.00	\$16.00	\$16.00	\$3,200.00
46	815	CRUSHED STONE GRAVEL	18	CY	\$30.00	\$540.00	\$35.00	\$35.00	\$1,260.00
		3/4" WATER SVC. LINE XFR'D							
47	SPEC	(SHORT), HOT TAP	5	EA	\$2,000.00	\$10,000.00	\$950.00	\$950.00	\$9,500.00
48	SPEC	1-1/2" COPPER TUBING & FITTINGS	22	LF	\$60.00	\$1,320.00	\$87.50	\$87.50	\$3,850.00
49	SPEC	2" COPPER TUBING & FITTINGS	205	LF	\$60.00	\$12,300.00	\$37.50	\$37.50	\$15,375.00
50	SPEC	HEAT WELDING	235	SY	\$70.00	\$16,450.00	\$27.50	\$27.50	\$12,925.00
51	SPEC	PERMANENT PAVEMENT	1,150	CY	\$300.00	\$345,000.00	\$112.50	\$112.50	\$258,750.00
52	SPEC	SURVEY COORDINATES	1	LS	\$1,500.00	\$1,500.00	\$1,000.00	\$19,000.00	\$20,000.00
53	SPEC	PROJECT IDENTIFICATION SIGNS	16	EA	\$800.00	\$12,800.00	\$325.00	\$325.00	\$10,400.00

					Engineer'	s Estimate	Shel	lly & Sands, Inc	2.
Ref.	Item								
#	#	Description	Qty	Units	Unit Price	Extension	Materials	Labor	Extension
54	SPEC	TEMP. SEDIMENT & EROSION CTRL	1	LS	\$10,000.00	\$10,000.00	\$7,497.50	\$7,497.50	\$14,995.00
55	SPEC	TEMP. SEEDING & MULCHING	540	SY	\$2.00	\$1,080.00	\$0.75	\$0.75	\$810.00
		STAMPED INTERSECTION SPEED							
56	SPEC	TABLE REPL.	2	EA	\$3,000.00	\$6,000.00	\$9,000.00	\$9,000.00	\$36,000.00
		SUBTOTAL:				\$3,140,426.00			\$3,311,447.30
57	SPEC	CONTINGENCY (10%)				\$314,042.60			\$331,144.73
		GRAND TOTAL:				\$3,454,468.60			\$3,642,592.03
		ESTIMATE							5.45%
		BIDDER							13.33%
		Contract Compliance No.					31-43	51261 (exp. 3/1/	20, MAJ, 6043)

MBE: Lionel Construction	1.5%
FBE: M.S. Trucking	1.1%

					Engineer	's Estimate	Elite Exca	vating Co. of O	hio, Inc.
Ref.	Item								
#	#	Description	Qty	Units	Unit Price	Extension	Materials	Labor	Extension
1	254	PVMT. PLANING, ASPH. CONCRETE	18,614	SY	\$3.00	\$55,842.00	\$1.35	\$0.90	\$41,881.50
		DRIVEWAY PVMT. REPL., TYPE IIIA							
2	259	(ASPHALT)	8	CY	\$450.00	\$3,600.00	\$600.00	\$400.00	\$8,000.00
		DRIVEWAY PVMT. REPL., TYPE IIIB							
3	259	(CONCRETE)	9	CY	\$500.00	\$4,500.00	\$600.00	\$400.00	\$9,000.00
		DRIVEWAY PVMT. REPL., TYPE IIIC							
4	259	(GRAVEL)	11	CY	\$300.00	\$3,300.00	\$30.00	\$20.00	\$550.00
5	407	TACK COAT	2,792	GAL	\$3.00	\$8,376.00	\$3.00	\$1.50	\$12,564.00
		ASPHALT CONCRETE SURFACE							
6	441	COURSE, TYPE 1, (448), PG64-22	775	CY	\$200.00	\$155,000.00	\$115.00	\$77.00	\$148,800.00
7	608	CONCRETE WALK, 4"	5,817	SF	\$14.00	\$81,438.00	\$7.00	\$5.00	\$69,804.00
8	608	CURB RAMP	5	EA	\$1,000.00	\$5,000.00	\$90.00	\$60.00	\$750.00
9	608	DETECTABLE WARNING, TYPE E	40	SF	\$25.00	\$1,000.00	\$9.00	\$6.00	\$600.00
10	609	CURB, STRAIGHT 18"	71	LF	\$35.00	\$2,485.00	\$30.00	\$20.00	\$3,550.00
11	614	MAINTAINING TRAFFIC	1	LS	\$50,000.00	\$50,000.00	\$33,000.00	\$22,000.00	\$55,000.00
12	615	TEMPORARY PAVEMENT	5,148	SY	\$25.00	\$128,700.00	\$10.00	\$7.00	\$87,516.00
13	632	DETECTOR LOOP, AS PER PLAN	1	EA	\$2,500.00	\$2,500.00	\$2,040.00	\$1,360.00	\$3,400.00
14	659	SEEDING & MULCHING, CLASS 1	540	SY	\$6.00	\$3,240.00	\$6.00	\$4.00	\$5,400.00
15	801	6" WATER PIPE & FITTINGS	526	LF	\$105.00	\$55,230.00	\$72.00	\$48.00	\$63,120.00
16	801	8" WATER PIPE & FITTINGS	11,309	LF	\$110.00	\$1,243,990.00	\$66.00	\$44.00	\$1,243,990.00
17	801	12" WATER PIPE & FITTINGS	1,771	LF	\$145.00	\$256,795.00	\$89.00	\$59.00	\$262,108.00
18	801	16" WATER PIPE & FITTINGS	12	LF	\$250.00	\$3,000.00	\$960.00	\$640.00	\$19,200.00
		DUCTILE IRON FITTINGS, INCREASE							
19	801*	OR DECREASE	2,160	LB	\$4.00	\$8,640.00	\$1.00	\$1.00	\$4,320.00
		CONCRETE BACKING CLASS COC 6,							
20	801*	INCREASE OR DECREASE	100	CY	\$100.00	\$10,000.00	\$30.00	\$20.00	\$5,000.00
21	802	6" VALVE & APPURTENANCES	41	EA	\$1,200.00	\$49,200.00	\$960.00	\$640.00	\$65,600.00
22	802	8" VALVE & APPURTENANCES	22	EA	\$1,600.00	\$35,200.00	\$1,200.00	\$800.00	\$44,000.00
23	802	12" VALVE & APPURTENANCES	3	EA	\$2,500.00	\$7,500.00	\$2,100.00	\$1,400.00	\$10,500.00

					Engineer'	s Estimate	Elite Excav	vating Co. of O	hio, Inc.
Ref.									
#	#	Description	Qty	Units	Unit Price	Extension	Materials	Labor	Extension
		16" x 8" TAPPING SLEEVE & VALVE &							
24	803	APPURTENANCES	3	EA	\$5,000.00	\$15,000.00	\$6,000.00	\$4,000.00	\$30,000.00
25		3/4" WATER SVC. LINE XFR'D (LONG)	128	EA	\$1,400.00	\$179,200.00	\$885.00	\$590.00	\$188,800.00
26		3/4" WATER SVC. LINE XFR'D (SHORT)	142	EA	\$1,100.00	\$156,200.00	\$795.00	\$530.00	\$188,150.00
27	805	1" WATER SVC. LINE XFR'D (LONG)	12	EA	\$1,800.00	\$21,600.00	\$960.00	\$640.00	\$19,200.00
28	805	1" WATER SVC. LINE XFR'D (SHORT)	15	EA	\$1,500.00	\$22,500.00	\$810.00	\$540.00	\$20,250.00
29	805	1-1/2" WATER SVC. LINE XFR'D	1	EA	\$2,500.00	\$2,500.00	\$1,380.00	\$920.00	\$2,300.00
30		1-1/2" WATER SVC. LINE XFR'D (SHORT)	1	EA	\$2,200.00	\$2,200.00	\$1,380.00	\$920.00	\$2,300.00
31	805	4" WATER SVC. LINE XFR'D	1	EA	\$5,000.00	\$5,000.00	\$5,400.00	\$3,600.00	\$9,000.00
32	805	6" WATER SVC. LINE XFR'D	1	EA	\$5,000.00	\$5,000.00	\$6,000.00	\$4,000.00	\$10,000.00
33	805	2" CURB STOP	1	EA	\$200.00	\$200.00	\$720.00	\$480.00	\$1,200.00
34	805	1-1/2" CURB STOP	1	EA	\$200.00	\$200.00	\$660.00	\$440.00	\$1,100.00
35	805	C.I. FERRULE VALVE BOX & COVER	19	EA	\$100.00	\$1,900.00	\$300.00	\$200.00	\$9,500.00
36	805*	CURB BOX	296	EA	\$100.00	\$29,600.00	\$300.00	\$200.00	\$148,000.00
37	808	1-1/2" WATER MAIN ABANDONED	1	EA	\$500.00	\$500.00	\$1,080.00	\$720.00	\$1,800.00
38	808	2 INCH WATER MAIN ABANDONED	4	EA	\$500.00	\$2,000.00	\$1,080.00	\$720.00	\$7,200.00
39	809	FIRE HYDRANT	33	EA	\$2,700.00	\$89,100.00	\$2,100.00	\$1,400.00	\$115,500.00
40	809	FIRE HYDRANT, ABANDONED	3	EA	\$500.00	\$1,500.00	\$450.00	\$300.00	\$2,250.00
41	810*	6" HYDRANT EXTENSION	6	EA	\$350.00	\$2,100.00	\$240.00	\$160.00	\$2,400.00
42	810*	12" HYDRANT EXTENSION	6	EA	\$400.00	\$2,400.00	\$270.00	\$180.00	\$2,700.00
43	810*	18" HYDRANT EXTENSION	6	EA	\$450.00	\$2,700.00	\$285.00	\$190.00	\$2,850.00
44	810*	24" HYDRANT EXTENSION	6	EA	\$500.00	\$3,000.00	\$300.00	\$200.00	\$3,000.00
		INCREASE OR DECREASE IN			·	, ,	·	·	. ,
45	811*	EXCAVATION & BACKFILL	100	CY	\$45.00	\$4,500.00	\$9.00	\$6.00	\$1,500.00
46	815	CRUSHED STONE GRAVEL	18	CY	\$30.00	\$540.00	\$30.00	\$20.00	\$900.00
	010	3/4" WATER SVC. LINE XFR'D	10	0.1	φ20.00	φε .σ.σσ	Ψ20.00	Ψ=0.00	Ψ, σσ.σσ
47	SPEC	(SHORT), HOT TAP	5	EA	\$2,000.00	\$10,000.00	\$1,500.00	\$1,000.00	\$12,500.00
48		1-1/2" COPPER TUBING & FITTINGS	22	LF	\$60.00	\$1,320.00	\$90.00	\$60.00	\$3,300.00
49		2" COPPER TUBING & FITTINGS	205	LF	\$60.00	\$12,300.00	\$48.00	\$32.00	\$16,400.00
50		HEAT WELDING	235	SY	\$70.00	\$16,450.00	\$90.00	\$60.00	\$35,250.00
51		PERMANENT PAVEMENT	1,150	CY	\$300.00	\$345,000.00	\$210.00	\$140.00	\$402,500.00
52		SURVEY COORDINATES	1	LS	\$1,500.00	\$1,500.00	\$6,000.00	\$4,000.00	\$10,000.00
53		PROJECT IDENTIFICATION SIGNS	16	EA	\$800.00	\$12,800.00	\$300.00	\$200.00	\$8,000.00
55	DI LC		10	LA	ψ000.00	Ψ12,000.00	Ψ300.00	ΨΔ00.00	ψο,υυυ.υυ

					Engineer'	s Estimate	Elite Exca	vating Co. of O	hio, Inc.
Ref.	Item								
#	#	Description	Qty	Units	Unit Price	Extension	Materials	Labor	Extension
54	SPEC	TEMP. SEDIMENT & EROSION CTRL	1	LS	\$10,000.00	\$10,000.00	\$3,600.00	\$2,400.00	\$6,000.00
55	SPEC	TEMP. SEEDING & MULCHING	540	SY	\$2.00	\$1,080.00	\$5.00	\$3.00	\$4,320.00
		STAMPED INTERSECTION SPEED							
56	SPEC	TABLE REPL.	2	EA	\$3,000.00	\$6,000.00	\$9,000.00	\$6,000.00	\$30,000.00
		SUBTOTAL:	-			\$3,140,426.00			\$3,462,823.50
57	SPEC	CONTINGENCY (10%)				\$314,042.60			\$346,282.35
		GRAND TOTAL:				\$3,454,468.60			\$3,809,105.85
		ESTIMATE							10.27%
		BIDDER							18.52%
		Contract Compliance No.					20-1643	3186 (exp. 2/20/	(20, MAJ, 1064)

MBE: VSG Trucking	1.3%
FBE: K. Davis	1.0%

DRIVEWAY PVMT. REPL., TYPE IIIB						Engineer's Estimate		Danbert, Inc.		
1 254 PVMT. PLANING, ASPH. CONCRETE DRIVEWAY PVMT. REPL., TYPE IIIIA 2 259 (ASPHALT) 8 CY \$450.00 \$3,600.00 \$400.00 \$459.00 \$6,872.00			Dogovin di		TT *4	II 'A D '	F. 4	D. T	T 1	E 4
DRIVEWAY PVMT. REPL., TYPE IIIA 8			_							
2 259 (ASPHALT)	1	254		18,614	SY	\$3.00	\$55,842.00	\$0.00	\$2.35	\$43,742.90
DRIVEWAY PVMT. REPL., TYPE IIIB CONCRETE STOCK			•		~~~	*		* 400 00	4.70.00	4 - 0 - 4
3 259 CONCRETE CONCRETE COURSENTE COURSE, TYPE IIIC COURSE, TYPE IIIC COURSE, TYPE I, (448), PG64-22 COURSE, TYPE	2	259		8	CY	\$450.00	\$3,600.00	\$400.00	\$459.00	\$6,872.00
DRIVEWAY PVMT. REPL., TYPE IIIC 4 259 (GRAVEL) 5 407 TACK COAT ASPHALT CONCRETE SURFACE 6 441 COURSE, TYPE 1, (448), PG64-22 775 CY \$200.00 \$155,000.00 \$155,000.00 \$125.00 \$93.00 \$168,950.00 \$0 \$250 \$2.60 \$14,239.00 \$168,950.00 \$10,00			•							
4 259 (GRAVEL)	3	259	,	9	CY	\$500.00	\$4,500.00	\$400.00	\$464.00	\$7,776.00
5 407 TACK COAT ASPHALT CONCRETE SURFACE 2,792 GAL \$3.00 \$8,376.00 \$2.50 \$2.60 \$14,239. 6 441 COURSE, TYPE I, (448), PG64-22 775 CY \$200.00 \$155,000.00 \$93.00 \$168,950.0 7 608 CONCRETE WALK, 4" 5,817 SF \$14.00 \$81,438.00 \$5.00 \$50.00 \$550.0 \$58,170.0 8 608 CURB RAMP 5 EA \$1,000.00 \$50.00 \$50.00 \$64.00 \$570.0 9 608 DETECTABLE WARNING, TYPE E 40 SF \$225.00 \$1,000.00 \$50.00 \$64.00 \$570.0 10 609 CURB, STRAIGHT 18" 71 LF \$35.00 \$2,485.00 \$20.00 \$40.00 \$42.60 11 614 MAINTAINING TRAFFIC 1 LS \$50,000.00 \$50,000.00 \$0.15 \$1.00 \$5.920. 13 632 DETECTOR LOOP, AS PER PLAN 1 EA \$2,500.00 \$2,500.00										
ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 775 CY \$200.00 \$155,000.00 \$125.00 \$93.00 \$168,950.00 \$100.00			,					· ·		\$1,837.00
6 441 COURSE, TYPE I, (448), PG64-22 775 CY \$200.00 \$155,000.00 \$93.00 \$168,950.0 7 608 CONCRETE WALK, 4" 5,817 SF \$14.00 \$81,438.00 \$5.00 \$5.00 \$58,170.0 8 608 CURB RAMP 5 EA \$1,000.00 \$5,000.00 \$50.00 \$64.00 \$570.0 9 608 DETECTABLE WARNING, TYPE E 40 SF \$25.00 \$1,000.00 \$5.00 \$5.00 \$40.00 10 609 CURB, STRAIGHT 18" 71 LF \$350.00 \$2,485.00 \$20.00 \$40.00 \$42.60.0 11 614 MAINTAINING TRAFFIC 1 LS \$50,000.00 \$50,000.00 \$148,621.00 \$148,621.01 12 615 TEMPORARY PAVEMENT 5,148 SY \$25.00 \$128,700.00 \$0.15 \$1.00 \$5,920.1 13 632 DETECTOR LOOP, AS PER PLAN 1 EA \$2,500.00 \$2,500.00 \$2,500.00 \$2,500.00 </td <td>5</td> <td>407</td> <td></td> <td>2,792</td> <td>GAL</td> <td>\$3.00</td> <td>\$8,376.00</td> <td>\$2.50</td> <td>\$2.60</td> <td>\$14,239.20</td>	5	407		2,792	GAL	\$3.00	\$8,376.00	\$2.50	\$2.60	\$14,239.20
7 608 CONCRETE WALK, 4" 5,817 SF \$14.00 \$81,438.00 \$5.00 \$5.00 \$58,170.0 8 608 CURB RAMP 5 EA \$1,000.00 \$5,000.00 \$50.00 \$64.00 \$570.0 9 608 DETECTABLE WARNING, TYPE E 40 SF \$25.00 \$1,000.00 \$5.00 \$5.00 \$40.00 10 609 CURB, STRAIGHT 18" 71 LF \$35.00 \$2,485.00 \$20.00 \$40.00 \$4,260.0 11 614 MAINTAINING TRAFFIC 1 LS \$50,000.00 \$50,000.00 \$148,621.00 \$148,621.00 12 615 TEMPORARY PAVEMENT 5,148 SY \$25.00 \$128,700.00 \$0.15 \$1.00 \$5,920.0 13 632 DETECTOR LOOP, AS PER PLAN 1 EA \$2,500.00 \$2,500.00 \$2,500.00 \$2,539.00 \$5,039.1 14 659 SEEDING & MULCHING, CLASS 1 540 SY \$6.00 \$3,240.00 \$10.00										
8 608 CURB RAMP 5 EA \$1,000.00 \$5,000.00 \$50.00 \$64.00 \$570.00 9 608 DETECTABLE WARNING, TYPE E 40 SF \$25.00 \$1,000.00 \$5.00 \$5.00 \$40.00 10 609 CURB, STRAIGHT 18" 71 LF \$35.00 \$2,485.00 \$20.00 \$40.00 \$4,260.1 11 614 MAINTAINING TRAFFIC 1 LS \$50,000.00 \$50,000.00 \$148,621.00						*		•		\$168,950.00
9 608 DETECTABLE WARNING, TYPE E 40 SF \$25.00 \$1,000.00 \$5.00 \$5.00 \$40.00 \$40.00 \$10.609 CURB, STRAIGHT 18" 71 LF \$35.00 \$2,485.00 \$20.00 \$40.00 \$4,260.00 \$11 614 MAINTAINING TRAFFIC 1 LS \$50,000.00 \$50,000.00 \$0.00 \$148,621.00 \$148,621.00 \$148,621.00 \$148,621.00 \$148,621.00 \$148,621.00 \$13.632 DETECTOR LOOP, AS PER PLAN 1 EA \$2,500.00 \$2,500.00 \$2,500.00 \$2,500.00 \$2,539.00 \$5,039.00 \$14 659 SEEDING & MULCHING, CLASS 1 540 SY \$6.00 \$3,240.00 \$10.00 \$9.00 \$10,260.00 \$15 801 6" WATER PIPE & FITTINGS 526 LF \$105.00 \$55,230.00 \$125.00 \$128.00 \$133,078.00 \$125.00 \$128.00 \$133,078.00 \$125.00 \$125.00 \$128.00 \$133,078.00 \$125.00	7		*	5,817	SF	\$14.00	\$81,438.00	\$5.00	\$5.00	\$58,170.00
10 609 CURB, STRAIGHT 18" 71 LF \$35.00 \$2,485.00 \$20.00 \$40.00 \$4,260.00 \$10.00 \$148,621.0	8			5		\$1,000.00	\$5,000.00	· ·	\$64.00	\$570.00
11 614 MAINTAINING TRAFFIC 1 LS \$50,000.00 \$50,000.00 \$148,621.00 \$148,621.01 \$100 \$100,00 \$1	9	608	DETECTABLE WARNING, TYPE E	40	SF	\$25.00	\$1,000.00	\$5.00	\$5.00	\$400.00
12 615 TEMPORARY PAVEMENT 5,148 SY \$25.00 \$128,700.00 \$0.15 \$1.00 \$5,920.1 13 632 DETECTOR LOOP, AS PER PLAN 1 EA \$2,500.00 \$2,500.00 \$2,500.00 \$2,539.00 \$5,039.0 14 659 SEEDING & MULCHING, CLASS 1 540 SY \$6.00 \$3,240.00 \$10.00 \$9.00 \$10,260.0 15 801 6" WATER PIPE & FITTINGS 526 LF \$105.00 \$55,230.00 \$125.00 \$128.00 \$133,078.0 16 801 8" WATER PIPE & FITTINGS 11,309 LF \$110.00 \$1,243,990.00 \$60.00 \$60.00 \$60.00 \$60.00 \$60.00 \$269,192.0 18 801 16" WATER PIPE & FITTINGS 1,771 LF \$145.00 \$256,795.00 \$70.00 \$82.00 \$269,192.0 18 801 16" WATER PIPE & FITTINGS 12 LF \$250.00 \$3,000.00 \$800.00 \$1,079.00 \$22,548.0 19 801*	10	609	CURB, STRAIGHT 18"	71	LF	\$35.00	\$2,485.00	\$20.00	\$40.00	\$4,260.00
13 632 DETECTOR LOOP, AS PER PLAN 1 EA \$2,500.00 \$2,500.00 \$2,500.00 \$2,539.00 \$5,039.01 14 659 SEEDING & MULCHING, CLASS 1 540 SY \$6.00 \$3,240.00 \$10.00 \$9.00 \$10,260.00 15 801 6" WATER PIPE & FITTINGS 526 LF \$105.00 \$55,230.00 \$125.00 \$128.00 \$133,078.00 16 801 8" WATER PIPE & FITTINGS 11,309 LF \$110.00 \$1,243,990.00 \$60.00 \$60.00 \$1,357,080.00 17 801 12" WATER PIPE & FITTINGS 1,771 LF \$145.00 \$256,795.00 \$70.00 \$82.00 \$269,192.00 18 801 16" WATER PIPE & FITTINGS 12 LF \$250.00 \$3,000.00 \$800.00 \$1,079.00 \$22,548.00 19 801* OR DECREASE 2,160 LB \$4.00 \$8,640.00 \$3.65 \$2.00 \$12,204.00 20 801* INCREASE OR DECREASE 100 CY \$100.00 \$10,000.00 \$750.00 \$853.00 \$65,723.00	11	614	MAINTAINING TRAFFIC	1	LS	\$50,000.00	\$50,000.00	\$0.00	\$148,621.00	\$148,621.00
14 659 SEEDING & MULCHING, CLASS 1 540 SY \$6.00 \$3,240.00 \$10.00 \$9.00 \$10,260.00 15 801 6" WATER PIPE & FITTINGS 526 LF \$105.00 \$55,230.00 \$125.00 \$128.00 \$133,078.00 16 801 8" WATER PIPE & FITTINGS 11,309 LF \$110.00 \$1,243,990.00 \$60.00 \$60.00 \$1,357,080.00 17 801 12" WATER PIPE & FITTINGS 1,771 LF \$145.00 \$256,795.00 \$70.00 \$82.00 \$269,192.00 18 801 16" WATER PIPE & FITTINGS 12 LF \$250.00 \$3,000.00 \$800.00 \$1,079.00 \$22,548.00 19 801* WATER PIPE & FITTINGS 12 LF \$250.00 \$3,000.00 \$800.00 \$1,079.00 \$22,548.00 19 801* OR DECREASE 2,160 LB \$4.00 \$8,640.00 \$3.65 \$2.00 \$12,204.00 20 801* INCREASE OR DECREASE 100 CY \$100.00 \$10,000.00	12	615	TEMPORARY PAVEMENT	5,148	SY	\$25.00	\$128,700.00	\$0.15	\$1.00	\$5,920.20
15 801 6" WATER PIPE & FITTINGS 526 LF \$105.00 \$55,230.00 \$125.00 \$128.00 \$133,078.00 16 801 8" WATER PIPE & FITTINGS 11,309 LF \$110.00 \$1,243,990.00 \$60.00 \$60.00 \$1,357,080.00 17 801 12" WATER PIPE & FITTINGS 1,771 LF \$145.00 \$256,795.00 \$70.00 \$82.00 \$269,192.00 18 801 16" WATER PIPE & FITTINGS 12 LF \$250.00 \$3,000.00 \$800.00 \$1,079.00 \$22,548.00 19 801* OR DECREASE 2,160 LB \$4.00 \$8,640.00 \$3.65 \$2.00 \$12,204.00 20 801* INCREASE OR DECREASE 100 CY \$100.00 \$10,000.00 \$125.00 \$37.00 \$16,200.00 21 802 6" VALVE & APPURTENANCES 41 EA \$1,200.00 \$49,200.00 \$750.00 \$853.00 \$65,723.00 22 802 8" VALVE & APPURTENANCES 22 EA \$1,600.00 \$35,200.00 \$1,000.00 \$1,124.00 \$46,728.00	13	632	DETECTOR LOOP, AS PER PLAN	1	EA	\$2,500.00	\$2,500.00	\$2,500.00	\$2,539.00	\$5,039.00
16 801 8" WATER PIPE & FITTINGS 11,309 LF \$110.00 \$1,243,990.00 \$60.00 \$60.00 \$1,357,080.00 17 801 12" WATER PIPE & FITTINGS 1,771 LF \$145.00 \$256,795.00 \$70.00 \$82.00 \$269,192.00 18 801 16" WATER PIPE & FITTINGS 12 LF \$250.00 \$3,000.00 \$800.00 \$1,079.00 \$22,548.00 19 801* OR DECREASE 2,160 LB \$4.00 \$8,640.00 \$3.65 \$2.00 \$12,204.00 20 801* INCREASE OR DECREASE 100 CY \$100.00 \$10,000.00 \$125.00 \$37.00 \$16,200.00 21 802 6" VALVE & APPURTENANCES 41 EA \$1,200.00 \$49,200.00 \$750.00 \$853.00 \$65,723.00 22 802 8" VALVE & APPURTENANCES 22 EA \$1,600.00 \$35,200.00 \$1,000.00 \$1,124.00 \$46,728.00	14	659	SEEDING & MULCHING, CLASS 1	540	SY	\$6.00	\$3,240.00	\$10.00	\$9.00	\$10,260.00
17 801 12" WATER PIPE & FITTINGS 1,771 LF \$145.00 \$256,795.00 \$70.00 \$82.00 \$269,192.00 18 801 16" WATER PIPE & FITTINGS 12 LF \$250.00 \$3,000.00 \$800.00 \$1,079.00 \$22,548.00 19 801* OR DECREASE 2,160 LB \$4.00 \$8,640.00 \$3.65 \$2.00 \$12,204.00 20 801* INCREASE OR DECREASE 100 CY \$100.00 \$10,000.00 \$125.00 \$37.00 \$16,200.00 21 802 6" VALVE & APPURTENANCES 41 EA \$1,200.00 \$49,200.00 \$750.00 \$853.00 \$65,723.00 22 802 8" VALVE & APPURTENANCES 22 EA \$1,600.00 \$35,200.00 \$1,000.00 \$1,124.00 \$46,728.00	15	801	6" WATER PIPE & FITTINGS	526	LF	\$105.00	\$55,230.00	\$125.00	\$128.00	\$133,078.00
18 801 16" WATER PIPE & FITTINGS 12 LF \$250.00 \$3,000.00 \$800.00 \$1,079.00 \$22,548.00 19 801* OR DECREASE 2,160 LB \$4.00 \$8,640.00 \$3.65 \$2.00 \$12,204.00 20 801* INCREASE OR DECREASE 100 CY \$100.00 \$10,000.00 \$125.00 \$37.00 \$16,200.00 21 802 6" VALVE & APPURTENANCES 41 EA \$1,200.00 \$49,200.00 \$750.00 \$853.00 \$65,723.00 22 802 8" VALVE & APPURTENANCES 22 EA \$1,600.00 \$35,200.00 \$1,000.00 \$1,124.00 \$46,728.00	16	801	8" WATER PIPE & FITTINGS	11,309	LF	\$110.00	\$1,243,990.00	\$60.00	\$60.00	\$1,357,080.00
DUCTILE IRON FITTINGS, INCREASE 19 801* OR DECREASE CONCRETE BACKING CLASS COC 6, 20 801* INCREASE OR DECREASE 1100 CY 1100.00 \$10,000.00 \$12,000.00 \$12,000.00 \$10,0	17	801	12" WATER PIPE & FITTINGS	1,771	LF	\$145.00	\$256,795.00	\$70.00	\$82.00	\$269,192.00
19 801* OR DECREASE 2,160 LB \$4.00 \$8,640.00 \$3.65 \$2.00 \$12,204.00 20 801* INCREASE OR DECREASE 100 CY \$100.00 \$10,000.00 \$125.00 \$37.00 \$16,200.00 21 802 6" VALVE & APPURTENANCES 41 EA \$1,200.00 \$49,200.00 \$750.00 \$853.00 \$65,723.00 22 802 8" VALVE & APPURTENANCES 22 EA \$1,600.00 \$35,200.00 \$1,000.00 \$1,124.00 \$46,728.00	18	801	16" WATER PIPE & FITTINGS	12	LF	\$250.00	\$3,000.00	\$800.00	\$1,079.00	\$22,548.00
CONCRETE BACKING CLASS COC 6, 20 801* INCREASE OR DECREASE 100 CY \$100.00 \$10,000.00 \$125.00 \$37.00 \$16,200.00 21 802 6" VALVE & APPURTENANCES 41 EA \$1,200.00 \$49,200.00 \$750.00 \$853.00 \$65,723.00 22 802 8" VALVE & APPURTENANCES 22 EA \$1,600.00 \$35,200.00 \$1,000.00 \$1,124.00 \$46,728.00			DUCTILE IRON FITTINGS, INCREASE							
20 801* INCREASE OR DECREASE 100 CY \$100.00 \$10,000.00 \$125.00 \$37.00 \$16,200.00 21 802 6" VALVE & APPURTENANCES 41 EA \$1,200.00 \$49,200.00 \$750.00 \$853.00 \$65,723.00 22 802 8" VALVE & APPURTENANCES 22 EA \$1,600.00 \$35,200.00 \$1,000.00 \$1,124.00 \$46,728.00	19	801*	OR DECREASE	2,160	LB	\$4.00	\$8,640.00	\$3.65	\$2.00	\$12,204.00
21 802 6" VALVE & APPURTENANCES 41 EA \$1,200.00 \$49,200.00 \$750.00 \$853.00 \$65,723.00 22 802 8" VALVE & APPURTENANCES 22 EA \$1,600.00 \$35,200.00 \$1,000.00 \$1,124.00 \$46,728.00			CONCRETE BACKING CLASS COC 6,							
21 802 6" VALVE & APPURTENANCES 41 EA \$1,200.00 \$49,200.00 \$750.00 \$853.00 \$65,723.00 22 802 8" VALVE & APPURTENANCES 22 EA \$1,600.00 \$35,200.00 \$1,000.00 \$1,124.00 \$46,728.00	20	801*	INCREASE OR DECREASE	100	CY	\$100.00	\$10,000.00	\$125.00	\$37.00	\$16,200.00
22 802 8" VALVE & APPURTENANCES 22 EA \$1,600.00 \$35,200.00 \$1,000.00 \$1,124.00 \$46,728.00	21	802	6" VALVE & APPURTENANCES	41	EA		*			\$65,723.00
	22	802	8" VALVE & APPURTENANCES	22	EA	\$1,600.00	*	\$1,000.00	\$1,124.00	\$46,728.00
23 802 12" VALVE & APPURTENANCES 3 EA \$2,500.00 \$7,500.00 \$1,500.00 \$1,638.00 \$9,414.00	23	802	12" VALVE & APPURTENANCES	3	EA	\$2,500.00	\$7,500.00	\$1,500.00	\$1,638.00	\$9,414.00

					Engineer's Estimate		Danbert, Inc.		
Ref.	Item							· · · · · · · · · · · · · · · · · · ·	
#	#	Description	Qty	Units	Unit Price	Extension	Materials	Labor	Extension
		16" x 8" TAPPING SLEEVE & VALVE &							
24	803	APPURTENANCES	3	EA	\$5,000.00	\$15,000.00	\$3,000.00	\$2,460.00	\$16,380.00
25		3/4" WATER SVC. LINE XFR'D (LONG)	128	EA	\$1,400.00	\$179,200.00	\$1,200.00	\$1,104.00	\$294,912.00
26		3/4" WATER SVC. LINE XFR'D (SHORT)	142	EA	\$1,100.00	\$156,200.00	\$1,300.00	\$1,317.00	\$371,614.00
27	805	1" WATER SVC. LINE XFR'D (LONG)	12	EA	\$1,800.00	\$21,600.00	\$1,200.00	\$1,279.00	\$29,748.00
28	805	1" WATER SVC. LINE XFR'D (SHORT)	15	EA	\$1,500.00	\$22,500.00	\$1,300.00	\$1,453.00	\$41,295.00
29	805	1-1/2" WATER SVC. LINE XFR'D	1	EA	\$2,500.00	\$2,500.00	\$1,300.00	\$1,662.00	\$2,962.00
30	805	1-1/2" WATER SVC. LINE XFR'D (SHORT)	1	EA	\$2,200.00	\$2,200.00	\$1,700.00	\$1,636.00	\$3,336.00
31	805	4" WATER SVC. LINE XFR'D	1	EA	\$5,000.00	\$5,000.00	\$3,000.00	\$4,794.00	\$7,794.00
32	805	6" WATER SVC. LINE XFR'D	1	EA	\$5,000.00	\$5,000.00	\$4,000.00	\$4,657.00	\$8,657.00
33	805	2" CURB STOP	1	EA	\$200.00	\$200.00	\$350.00	\$257.00	\$607.00
34	805	1-1/2" CURB STOP	1	EA	\$200.00	\$200.00	\$250.00	\$255.00	\$505.00
35	805	C.I. FERRULE VALVE BOX & COVER	19	EA	\$100.00	\$1,900.00	\$60.00	\$30.00	\$1,710.00
36	805*	CURB BOX	296	EA	\$100.00	\$29,600.00	\$75.00	\$50.00	\$37,000.00
37	808	1-1/2" WATER MAIN ABANDONED	1	EA	\$500.00	\$500.00	\$1,089.00	\$1,500.00	\$2,589.00
38	808	2 INCH WATER MAIN ABANDONED	4	EA	\$500.00	\$2,000.00	\$500.00	\$518.00	\$4,072.00
39	809	FIRE HYDRANT	33	EA	\$2,700.00	\$89,100.00	\$1,500.00	\$756.00	\$74,448.00
40	809	FIRE HYDRANT, ABANDONED	3	EA	\$500.00	\$1,500.00	\$500.00	\$1,330.00	\$5,490.00
41	810*	6" HYDRANT EXTENSION	6	EA	\$350.00	\$2,100.00	\$200.00	\$301.00	\$3,006.00
42	810*	12" HYDRANT EXTENSION	6	EA	\$400.00	\$2,400.00	\$250.00	\$300.00	\$3,300.00
43	810*	18" HYDRANT EXTENSION	6	EA	\$450.00	\$2,700.00	\$250.00	\$322.00	\$3,432.00
44	810*	24" HYDRANT EXTENSION	6	EA	\$500.00	\$3,000.00	\$300.00	\$316.00	\$3,696.00
		INCREASE OR DECREASE IN			•	, ,	·	·	, ,
45	811*	EXCAVATION & BACKFILL	100	CY	\$45.00	\$4,500.00	\$20.00	\$33.00	\$5,300.00
46	_	CRUSHED STONE GRAVEL	18	CY	\$30.00	\$540.00	\$30.00	\$105.00	\$2,430.00
		3/4" WATER SVC. LINE XFR'D			40000	70 10100	40000	7-35-13	, _,
47	SPEC	(SHORT), HOT TAP	5	EA	\$2,000.00	\$10,000.00	\$1,200.00	\$1,647.00	\$14,235.00
		1-1/2" COPPER TUBING & FITTINGS	22	LF	\$60.00	\$1,320.00	\$66.00	\$100.00	\$3,652.00
		2" COPPER TUBING & FITTINGS	205	LF	\$60.00	\$12,300.00	\$45.00	\$52.00	\$19,885.00
		HEAT WELDING	235	SY	\$70.00	\$16,450.00	\$0.00	\$66.00	\$15,510.00
		PERMANENT PAVEMENT	1,150	CY	\$300.00	\$345,000.00	\$100.00	\$145.00	\$281,750.00
	-		1,130			*	· ·		\$2,832.00
			16		· ·	*		•	•
52 53		SURVEY COORDINATES PROJECT IDENTIFICATION SIGNS	1 16	LS EA	\$1,500.00 \$800.00	\$1,500.00 \$12,800.00	\$0.00 \$350.00	\$2,832.00 \$389.00	\$2,832. \$11,824.

			Engineer'	s Estimate	Danbert, Inc.				
Ref.	Item								
#	#	Description	Qty	Units	Unit Price	Extension	Materials	Labor	Extension
54	SPEC	TEMP. SEDIMENT & EROSION CTRL	1	LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,269.00	\$20,269.00
55	SPEC	TEMP. SEEDING & MULCHING	540	SY	\$2.00	\$1,080.00	\$0.20	\$0.45	\$351.00
		STAMPED INTERSECTION SPEED							
56	SPEC	TABLE REPL.	2	EA	\$3,000.00	\$6,000.00	\$8,000.00	\$8,400.00	\$32,800.00
		SUBTOTAL:	-			\$3,140,426.00			\$3,736,215.30
57	SPEC	CONTINGENCY (10%)				\$314,042.60			\$373,621.53
		GRAND TOTAL:				\$3,454,468.60			\$4,109,836.83
		ESTIMATE							18.97%
		BIDDER							27.87%
		Contract Compliance No.					31-102	9004 (exp. 5/8/2	20, MAJ, 4618)

Corrected Contingency & Grand Total.

Goals: MBE = 1.3%

					Engineer's Estimate			Facemyer Company		
	Item #	Description.	04	T T •4	TI 'A D '	F .	3.6	T 1	TD 4	
#		Description	Qty	Units	Unit Price	Extension	Materials	Labor	Extension	
1		PVMT. PLANING, ASPH. CONCRETE	18,614	SY	\$3.00	\$55,842.00	\$1.10	\$1.10	\$40,950.80	
		DRIVEWAY PVMT. REPL., TYPE IIIA	0	CIV.	4.50.00	Φ2 500 00	\$2.10 6.1	#240.54	Φ 7. 7 0.4. 2. 4	
2		(ASPHALT)	8	CY	\$450.00	\$3,600.00	\$349.64	\$349.64	\$5,594.24	
		DRIVEWAY PVMT. REPL., TYPE IIIB	0	CIV.	Φ.σ.ο.ο.ο.ο.	Φ.4. 7 00.00	ф 227 0.4	Ф227.04	Φ. 4. 0.0 ¢. 7.0	
3		(CONCRETE)	9	CY	\$500.00	\$4,500.00	\$227.04	\$227.04	\$4,086.72	
		DRIVEWAY PVMT. REPL., TYPE IIIC		GY.	\$200.00	\$2.2 00.00	4.2. 0 50	\$271.27	42.070.27	
4		(GRAVEL)	11	CY	\$300.00	\$3,300.00	\$28.60	\$251.25	\$3,078.35	
5	407	TACK COAT	2,792	GAL	\$3.00	\$8,376.00	\$2.39	\$2.40	\$13,373.68	
		ASPHALT CONCRETE SURFACE		~~~		*******	****	****		
6		COURSE, TYPE 1, (448), PG64-22	775	CY	\$200.00	\$155,000.00	\$102.32	\$102.32	\$158,596.00	
7		CONCRETE WALK, 4"	5,817	SF	\$14.00	\$81,438.00	\$4.00	\$4.75	\$50,898.75	
8		CURB RAMP	5	EA	\$1,000.00	\$5,000.00	\$120.00	\$200.54	\$1,602.70	
9		DETECTABLE WARNING, TYPE E	40	SF	\$25.00	\$1,000.00	\$13.35	\$13.35	\$1,068.00	
10		CURB, STRAIGHT 18"	71	LF	\$35.00	\$2,485.00	\$18.70	\$18.70	\$2,655.40	
11		MAINTAINING TRAFFIC	1	LS	\$50,000.00	\$50,000.00	\$30,000.00	\$118,035.68	\$148,035.68	
12		TEMPORARY PAVEMENT	5,148	SY	\$25.00	\$128,700.00	\$0.70	\$0.30	\$5,148.00	
13		DETECTOR LOOP, AS PER PLAN	1	EA	\$2,500.00	\$2,500.00	\$1,816.38	\$1,816.37	\$3,632.75	
14		SEEDING & MULCHING, CLASS 1	540	SY	\$6.00	\$3,240.00	\$0.34	\$4.91	\$2,835.00	
15		6" WATER PIPE & FITTINGS	526	LF	\$105.00	\$55,230.00	\$66.13	\$104.82	\$89,919.70	
16		8" WATER PIPE & FITTINGS	11,309	LF	\$110.00		\$76.98	\$91.37	\$1,903,870.15	
17		12" WATER PIPE & FITTINGS	1,771	LF	\$145.00	\$256,795.00	\$107.44	\$121.17	\$404,868.31	
18		16" WATER PIPE & FITTINGS	12	LF	\$250.00	\$3,000.00	\$535.09	\$354.82	\$10,678.92	
		DUCTILE IRON FITTINGS, INCREASE								
19	801*	OR DECREASE	2,160	LB	\$4.00	\$8,640.00	\$0.70	\$0.30	\$2,160.00	
		CONCRETE BACKING CLASS COC 6,								
20		INCREASE OR DECREASE	100	CY	\$100.00	\$10,000.00	\$35.00	\$15.00	\$5,000.00	
21		6" VALVE & APPURTENANCES	41	EA	\$1,200.00	\$49,200.00	\$1,083.32	\$548.09	\$66,887.81	
22		8" VALVE & APPURTENANCES	22	EA	\$1,600.00	\$35,200.00	\$1,467.83	\$646.20	\$46,508.66	
23	802	12" VALVE & APPURTENANCES	3	EA	\$2,500.00	\$7,500.00	\$2,361.33	\$1,145.85	\$10,521.54	

					Engineer's Estimate		Fac	Facemyer Company		
Ref.	Item				J					
#	#	Description	Qty	Units	Unit Price	Extension	Materials	Labor	Extension	
		16" x 8" TAPPING SLEEVE & VALVE &								
24	803	APPURTENANCES	3	EA	\$5,000.00	\$15,000.00	\$3,588.14	\$4,800.00	\$25,164.42	
25		3/4" WATER SVC. LINE XFR'D (LONG)	128	EA	\$1,400.00	\$179,200.00	\$187.57	\$1,109.02	\$165,963.52	
26		3/4" WATER SVC. LINE XFR'D (SHORT)		EA	\$1,100.00	\$156,200.00	\$159.13	\$846.99	\$142,869.04	
27		1" WATER SVC. LINE XFR'D (LONG)	12	EA	\$1,800.00	\$21,600.00	\$266.70	\$1,129.20	\$16,750.80	
28		1" WATER SVC. LINE XFR'D (SHORT)	15	EA	\$1,500.00	\$22,500.00	\$230.36	\$539.88	\$11,553.60	
29		1-1/2" WATER SVC. LINE XFR'D	1	EA	\$2,500.00	\$2,500.00	\$591.65	\$931.69	\$1,523.34	
30		1-1/2" WATER SVC. LINE XFR'D (SHORT)	1	EA	\$2,200.00	\$2,200.00	\$591.65	\$633.40	\$1,225.05	
31	805	4" WATER SVC. LINE XFR'D	1	EA	\$5,000.00	\$5,000.00	\$3,161.69	\$2,698.31	\$5,860.00	
32	805	6" WATER SVC. LINE XFR'D	1	EA	\$5,000.00	\$5,000.00	\$2,797.77	\$3,497.77	\$6,295.54	
33	805	2" CURB STOP	1	EA	\$200.00	\$200.00	\$355.75	\$228.23	\$583.98	
34	805	1-1/2" CURB STOP	1	EA	\$200.00	\$200.00	\$253.07	\$202.02	\$455.09	
35	805	C.I. FERRULE VALVE BOX & COVER	19	EA	\$100.00	\$1,900.00	\$62.50	\$153.39	\$4,101.91	
36	805*	CURB BOX	296	EA	\$100.00	\$29,600.00	\$90.96	\$160.65	\$74,476.56	
37	808	1-1/2" WATER MAIN ABANDONED	1	EA	\$500.00	\$500.00	\$18.15	\$1,091.15	\$1,109.30	
38	808	2 INCH WATER MAIN ABANDONED	4	EA	\$500.00	\$2,000.00	\$6.09	\$1,088.09	\$4,376.72	
39	809	FIRE HYDRANT	33	EA	\$2,700.00	\$89,100.00	\$1,822.65	\$1,280.01	\$102,387.78	
40	809	FIRE HYDRANT, ABANDONED	3	EA	\$500.00	\$1,500.00	\$0.00	\$814.90	\$2,444.70	
41	810*	6" HYDRANT EXTENSION	6	EA	\$350.00	\$2,100.00	\$273.71	\$207.39	\$2,886.60	
42	810*	12" HYDRANT EXTENSION	6	EA	\$400.00	\$2,400.00	\$321.46	\$219.48	\$3,245.64	
43		18" HYDRANT EXTENSION	6	EA	\$450.00	\$2,700.00	\$342.43	\$224.82	\$3,403.50	
44		24" HYDRANT EXTENSION	6	EA	\$500.00	\$3,000.00	\$384.36	\$235.52	\$3,719.28	
		INCREASE OR DECREASE IN			,	, - ,	,	,	1-7:	
45		EXCAVATION & BACKFILL	100	CY	\$45.00	\$4,500.00	\$23.65	\$1.70	\$2,535.00	
46		CRUSHED STONE GRAVEL	18	CY	\$30.00	\$540.00	\$28.60	\$71.14	\$1,795.32	
10		3/4" WATER SVC. LINE XFR'D	10	01	φ30.00	φ2 10.00	Ψ20.00	Ψ/1.11	Ψ1,790.32	
47		(SHORT), HOT TAP	5	EA	\$2,000.00	\$10,000.00	\$279.96	\$950.81	\$6,153.85	
		1-1/2" COPPER TUBING & FITTINGS	22	LF	\$60.00	\$1,320.00	\$17.01	\$22.09	\$860.20	
49		2" COPPER TUBING & FITTINGS	205	LF	\$60.00	\$12,300.00	\$72.75	\$56.61	\$26,518.80	
50		HEAT WELDING	235	SY	\$70.00	\$16,450.00	\$30.00	\$32.32	\$14,645.20	
51		PERMANENT PAVEMENT	1,150	CY	\$300.00	\$345,000.00	\$190.51	\$112.84	\$348,852.50	
52		SURVEY COORDINATES	1,130	LS	\$1,500.00	\$1,500.00	\$2,000.00	\$8,810.87	\$10,810.87	
		PROJECT IDENTIFICATION SIGNS	16	EA	\$800.00	\$1,300.00	\$300.00	\$394.50	\$10,810.87	
33	SEEC	I ROJECT IDENTIFICATION BIONS	10	ĿA	\$600.00	φ12,000.00	\$300.00	φ394.3U	φ11,112.00	

					Engineer's Estimate		Facemyer Company		y
Ref.	Item								
#	#	Description	Qty	Units	Unit Price	Extension	Materials	Labor	Extension
54	SPEC	TEMP. SEDIMENT & EROSION CTRL	1	LS	\$10,000.00	\$10,000.00	\$2,337.06	\$6,705.48	\$9,042.54
55	SPEC	TEMP. SEEDING & MULCHING	540	SY	\$2.00	\$1,080.00	\$0.12	\$0.97	\$588.60
		STAMPED INTERSECTION SPEED							
56	SPEC	TABLE REPL.	2	EA	\$3,000.00	\$6,000.00	\$5,000.00	\$10,402.96	\$30,805.92
		SUBTOTAL:				\$3,140,426.00			\$4,026,088.33
57	SPEC	CONTINGENCY (10%)				\$314,042.60			\$402,608.83
		GRAND TOTAL:				\$3,454,468.60			\$4,428,697.16
		ESTIMATE							28.20%
		BIDDER							37.79%
		Contract Compliance No.					31-17:	57841 (exp, 5/24)	/19, FBE, 5926)

General Info			
Number:	690236-100090		
Description:	Dresden Street A	rea Water Line	e Improvements
Deadline:	2019-02-06 20:00	:00 UTC	
Bids			
Business	Bid Total	Submitted at	Signed by
Underground Utilities, Inc.	\$3,214,023.01	2019-02-06 19	John Bores
Shelly & Sands, Inc.	\$3,642,592.03	2019-02-06 19	Jeff Schultz
Elite Excavating Co. of Ohio, Inc.	\$3,809,105.85	2019-02-06 19	Dale Stevens
Danbert, Inc	\$4,109,836.83	2019-02-06 19	Matthew Lemon
Facemyer Company	\$4,428,697.16	2019-02-06 19	Chris Allen