

General Info		
Number:	650560-100001 & 690236-100084	
Description:	East Franklinton Phase 1	
Deadline:	2020-01-15 20:00:00 UTC	
Bids		
Business	Bid Total	Comments
Elite Excavating Co. of Ohio, Inc	\$3,447,682.50	
Complete General Construction	\$3,965,718.98	*after bid tab correction
Shelly & Sands, Inc.	\$4,380,160.00	

Elite Excavating Co. of Ohio, Inc.

4500 Snodgrass Rd.

Mansfield, OH 44903

M. Scott Fulmer, President

(419) 683-4200

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ORD #0329-2020, DIVISION OF SEWERS & DRAINS + WATER
EAST FRANKLINTON PHASE 1
C.I.P. NO'S: 650560-100001 & 690236-100115 (corrected from -100084)
BID TABULATION, OPENED 1/15/20

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Elite Excavating Co. of Ohio		
						Unit Price	Extension	Materials	Labor	Extension
1	Sewer Loan Funded	202	6" PIPE FILLED IN PLACE	52	LF	\$15.00	\$780.00	\$21.00	\$14.00	\$1,820.00
2	Sewer Loan Funded	202	8" PIPE FILLED IN PLACE	43	LF	\$15.00	\$645.00	\$22.00	\$14.00	\$1,548.00
3	Sewer Loan Funded	202	12" PIPE FILLED IN PLACE	871	LF	\$15.00	\$13,065.00	\$9.00	\$6.00	\$13,065.00
4	Sewer Loan Funded	202	15" PIPE FILLED IN PLACE	163	LF	\$18.00	\$2,934.00	\$21.00	\$14.00	\$5,705.00
5	Sewer Loan Funded	202	24" PIPE FILLED IN PLACE	22	LF	\$24.00	\$528.00	\$45.00	\$30.00	\$1,650.00
6	Sewer Loan Funded	202	36" PIPE FILLED IN PLACE	23	LF	\$35.00	\$805.00	\$48.00	\$32.00	\$1,840.00
7	Sewer Loan Funded	202	CATCH BASIN OR INLET REMOVED	11	EA	\$350.00	\$3,850.00	\$360.00	\$240.00	\$6,600.00
8	Sewer Loan Funded	202	CURB REMOVED	34	LF	\$6.00	\$204.00	\$9.00	\$6.00	\$510.00
9	Sewer Loan Funded	202	CURB REMOVED FOR STORAGE PER GENERAL NOTE 89	92	LF	\$100.00	\$9,200.00	\$21.00	\$14.00	\$3,220.00
10	Sewer Loan Funded	202	MANHOLE ABANDONED	2	EA	\$600.00	\$1,200.00	\$840.00	\$560.00	\$2,800.00
11	Sewer Loan Funded	202	MANHOLE REMOVED	6	EA	\$500.00	\$3,000.00	\$900.00	\$600.00	\$9,000.00
12	Sewer Loan Funded	253	FULL DEPTH PAVEMENT REPAIR, TYPE I, PER SCD 1441	33	SY	\$80.00	\$2,640.00	\$168.00	\$112.00	\$9,240.00
13	Sewer Loan Funded	253	FULL DEPTH PAVEMENT REPAIR, TYPE III, PER SCD 1441	12	SY	\$100.00	\$1,200.00	\$180.00	\$120.00	\$3,600.00
14	Sewer Loan Funded	255	CONCRETE	152	CY	\$350.00	\$53,200.00	\$150.00	\$100.00	\$38,000.00
15	Sewer Loan Funded	604	48" DIAMETER MANHOLE, TYPE "C", AA-S102	16	EA	\$5,500.00	\$88,000.00	\$2,700.00	\$1,800.00	\$72,000.00
16	Sewer Loan Funded	604	60" DIAM. MANHOLE, TYPE "C", AA-S102	1	EA	\$6,500.00	\$6,500.00	\$5,400.00	\$3,600.00	\$9,000.00
17	Sewer Loan Funded	604	48" DIAM. MANHOLE, TYPE "E", AA-S104	1	EA	\$14,000.00	\$14,000.00	\$8,400.00	\$5,600.00	\$14,000.00
18	Sewer Loan Funded	604	48" DIAMETER MANHOLE, TYPE "E" DOGHOUSE, AA-S104	2	EA	\$14,000.00	\$28,000.00	\$10,800.00	\$7,200.00	\$36,000.00
19	Sewer Loan Funded	604	60" DIAM. MANHOLE, TYPE "E", AA-S104	2	EA	\$16,000.00	\$32,000.00	\$9,600.00	\$6,400.00	\$32,000.00
20	Sewer Loan Funded	604	60" DIAMETER MANHOLE, TYPE "E" DOGHOUSE, AA-S104	2	EA	\$16,000.00	\$32,000.00	\$10,800.00	\$7,200.00	\$36,000.00
21	Sewer Loan Funded	604	CATCH BASIN, AA-S133A	1	EA	\$2,500.00	\$2,500.00	\$1,200.00	\$800.00	\$2,000.00
22	Sewer Loan Funded	604	CURB INLET, AA-S120	6	EA	\$2,750.00	\$16,500.00	\$2,500.00	\$1,700.00	\$25,200.00
23	Sewer Loan Funded	604	CURB INLET MANHOLE, AA-S121	3	EA	\$5,000.00	\$15,000.00	\$2,700.00	\$1,800.00	\$13,500.00
24	Sewer Loan Funded	605*	4" PIPE UNDERDRAINS	184	LF	\$10.00	\$1,840.00	\$12.00	\$8.00	\$3,680.00
25	Sewer Loan Funded	614	MAINTAINING TRAFFIC	1	LS	\$100,000.00	\$100,000.00	\$75,000.00	\$50,000.00	\$125,000.00

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Elite Excavating Co. of Ohio		
						Unit Price	Extension	Materials	Labor	Extension
26	Sewer Loan Funded	623	CONSTRUCTION LAYOUT STAKES	1	LS	\$6,000.00	\$6,000.00	\$6,000.00	\$4,000.00	\$10,000.00
27	Sewer Loan Funded	642	TRAFFIC PAINT	1	LS	\$9,000.00	\$9,000.00	\$6,600.00	\$4,400.00	\$11,000.00
28	Sewer Loan Funded	801	6 INCH WATER PIPE & FITTINGS	18	LF	\$150.00	\$2,700.00	\$150.00	\$100.00	\$4,500.00
29	Sewer Loan Funded	801	8 INCH WATER PIPE & FITTINGS	18	LF	\$170.00	\$3,060.00	\$165.00	\$110.00	\$4,950.00
30	Sewer Loan Funded	901	12" STORM PIPE, W/ TYPE 1 BEDDING, 613 BACKFILL	86	LF	\$305.00	\$26,230.00	\$105.00	\$70.00	\$15,050.00
31	Sewer Loan Funded	901	12" STORM PIPE, W/ TYPE 1 BEDDING, 912 BACKFILL	635	LF	\$150.00	\$95,250.00	\$62.00	\$41.00	\$65,405.00
32	Sewer Loan Funded	901	12" STORM PIPE, SANITARY GRADE, JOINTS PER ASTM C443 OR ASTM D3212 W/ TYPE 1 BEDDING, 613 BACKFILL	45	LF	\$350.00	\$15,750.00	\$240.00	\$160.00	\$18,000.00
33	Sewer Loan Funded	901	12" STORM PIPE, SANITARY GRADE, JOINTS PER ASTM C443 OR ASTM D3212 W/ TYPE 1 BEDDING, 912 BACKFILL	234	LF	\$150.00	\$35,100.00	\$105.00	\$70.00	\$40,950.00
34	Sewer Loan Funded	901	15" SANITARY PIPE, W/ TYPE 1 BEDDING, 912 BACKFILL	31	LF	\$160.00	\$4,960.00	\$183.00	\$122.00	\$9,455.00
35	Sewer Loan Funded	901	18" STORM PIPE, SANITARY GRADE, JOINTS PER ASTM C443 OR ASTM D3212 W/ TYPE 1 BEDDING, 613 BACKFILL	18	LF	\$365.00	\$6,570.00	\$228.00	\$152.00	\$6,840.00
36	Sewer Loan Funded	901	18" STORM PIPE, SANITARY GRADE, JOINTS PER ASTM C443 OR ASTM D3212 W/ TYPE 1 BEDDING, 912 BACKFILL	205	LF	\$170.00	\$34,850.00	\$135.00	\$90.00	\$46,125.00
37	Sewer Loan Funded	901	24" STORM PIPE, W/ TYPE 1 BEDDING, 912 BACKFILL	541	LF	\$160.00	\$86,560.00	\$138.00	\$92.00	\$124,430.00
38	Sewer Loan Funded	901	30" STORM PIPE, W/ TYPE 1 BEDDING, 912 BACKFILL	23	LF	\$300.00	\$6,900.00	\$258.00	\$172.00	\$9,890.00
39	Sewer Loan Funded	909	TUNNEL - JACKED LINER FOR 12" DIAMETER PIPE INCLUDING JACKING PIT AND 12" STORM PIPE, AS PER PLAN	41	LF	\$500.00	\$20,500.00	\$177.00	\$118.00	\$12,095.00

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Elite Excavating Co. of Ohio		
						Unit Price	Extension	Materials	Labor	Extension
40	Sewer Loan Funded	909	TUNNEL - JACKED LINER FOR 12" DIAMETER PIPE INCLUDING JACKING PIT AND 12" STORM PIPE, SANITARY GRADE PIPE, JOINTS PER ASTM C443 OR ASTM D3212, AS PER PLAN	113	LF	\$525.00	\$59,325.00	\$183.00	\$122.00	\$34,465.00
41	Sewer Loan Funded	909	TUNNEL - JACKED LINER FOR 18" DIAMETER PIPE INCLUDING JACKING PIT AND 18" STORM PIPE, SANITARY GRADE PIPE, JOINTS PER ASTM C443 OR ASTM D3212, AS PER PLAN	59	LF	\$650.00	\$38,350.00	\$246.00	\$164.00	\$24,190.00
42	Sewer Loan Funded	909	TUNNEL - JACKED LINER FOR 24" DIAMETER PIPE INCLUDING JACKING PIT AND 24" STORM PIPE, AS PER PLAN	72	LF	\$800.00	\$57,600.00	\$321.00	\$214.00	\$38,520.00
43	Sewer Loan Funded	909	TUNNEL - JACKED LINER FOR 30" DIAMETER PIPE INCLUDING JACKING PIT AND 30" STORM PIPE, AS PER PLAN	31	LF	\$1,000.00	\$31,000.00	\$396.00	\$264.00	\$20,460.00
44	Sewer Loan Funded	915	CLEAN-OUT	2	EA	\$600.00	\$1,200.00	\$210.00	\$140.00	\$700.00
45	Sewer Loan Funded	918	6" DIAM. PIPE, SANITARY HOUSE CONN.	60	LF	\$102.00	\$6,120.00	\$90.00	\$60.00	\$9,000.00
46	Sewer Loan Funded	918	SANITARY LATERAL ABANDONMENT	5	EA	\$600.00	\$3,000.00	\$900.00	\$600.00	\$7,500.00
47	Sewer Loan Funded	SPEC	BRICK EGG-SHAPED SEWER MANHOLE ABANDONMENT	1	EA	\$10,000.00	\$10,000.00	\$13,200.00	\$8,800.00	\$22,000.00
48	Sewer Loan Funded	SPEC	DOGHOUSE MANHOLE TYPE E, WITH SPECIAL SHORING	1	EA	\$30,000.00	\$30,000.00	\$42,000.00	\$28,000.00	\$70,000.00
49	Sewer Loan Funded	SPEC	LATERAL STATUS DETERM. (PER SS-11)	2	EA	\$650.00	\$1,300.00	\$600.00	\$400.00	\$2,000.00
50	Sewer Loan Funded	SPEC	SPECIAL SHORING INSTALLATION OF 8" SANITARY PIPE, C-900 PVC, W/ TYPE 1 BEDDING, 613 BACKFILL	136	LF	\$500.00	\$68,000.00	\$306.00	\$204.00	\$69,360.00
51	Sewer Loan Funded	SPEC	BYPASS PUMPING (PER SS-3)	1	LS	\$15,000.00	\$15,000.00	\$33,000.00	\$22,000.00	\$55,000.00
52	Sewer Loan Funded	SPEC	TELECOM DUCT BANK FIELD LOCATION	1	EA	\$3,000.00	\$3,000.00	\$450.00	\$300.00	\$750.00
53	Sewer Loan Funded	SPEC	LOCATE EXISTING UTILITY	10	EA	\$3,000.00	\$30,000.00	\$450.00	\$300.00	\$7,500.00

					Engineer's Estimate		Elite Excavating Co. of Ohio		
Group	Item #	Description	Qty.	Units	Unit Price	Extension	Materials	Labor	Extension
		Subtotal:				\$1,136,916.00			\$1,207,113.00
54	Sewer Loan Funded	CONT	Force Account (25% 1-53):			\$284,229.00			\$301,778.25
			GRAND TOTAL (SEWER LOAN):			\$1,421,145.00			\$1,508,891.25

55	Sewer Bond Funded	202	PARKING LOT PAVEMENT REMOVED	8	SY	\$10.00	\$80.00	\$18.00	\$12.00	\$240.00
56	Sewer Bond Funded	202	WALK REMOVED	1,160	SF	\$12.00	\$13,920.00	\$2.00	\$1.00	\$3,480.00
57	Sewer Bond Funded	253	PARKING LOT PAVEMENT REPAIR	6	SY	\$80.00	\$480.00	\$150.00	\$100.00	\$1,500.00
58	Sewer Bond Funded	254	PAVEMENT PLANING, ASPHALT CONCRETE	1,838	SY	\$5.00	\$9,190.00	\$4.00	\$2.00	\$11,028.00
59	Sewer Bond Funded	441	ASPHALT CONCRETE, SURFACE COURSE, TYPE I (448) PG 64-22	102	CY	\$355.00	\$36,210.00	\$126.00	\$84.00	\$21,420.00
60	Sewer Bond Funded	442	ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (448), (1.5")	91	CY	\$355.00	\$32,305.00	\$132.00	\$88.00	\$20,020.00
61	Sewer Bond Funded	442*	ASPHALT CONCRETE, INTERMEDIATE COURSE, 19 MM, TYPE A (448)	65	CY	\$360.00	\$23,400.00	\$240.00	\$160.00	\$26,000.00
62	Sewer Bond Funded	608	CONCRETE WALK (4")	823	SF	\$12.50	\$10,287.50	\$11.00	\$7.00	\$14,814.00
63	Sewer Bond Funded	608	CURB RAMPS	10	EA	\$1,500.00	\$15,000.00	\$370.00	\$245.00	\$6,150.00
64	Sewer Bond Funded	608	DESIGN-BUILD CURB RAMPS - AS AUTHORIZED	2	EA	\$2,000.00	\$4,000.00	\$480.00	\$320.00	\$1,600.00
65	Sewer Bond Funded	608	DESIGN-BUILD DETECTABLE WARNING, 2'x5', TYPE E, RED (PER SS1551)	2	EA	\$300.00	\$600.00	\$180.00	\$120.00	\$600.00
66	Sewer Bond Funded	608	DETECTABLE WARNING, 2'x4', TYPE E, RED (PER SS 1551)	8	EA	\$200.00	\$1,600.00	\$180.00	\$120.00	\$2,400.00
67	Sewer Bond Funded	608	DETECTABLE WARNING, 2'x5', TYPE E, RED (PER SS 1551)	1	EA	\$250.00	\$250.00	\$240.00	\$160.00	\$400.00
68	Sewer Bond Funded	608	DETECTABLE WARNING, R=10.9', TYPE E, RED, APP (PER SS 1551)	1	EA	\$500.00	\$500.00	\$540.00	\$360.00	\$900.00
69	Sewer Bond Funded	609	CURB, STRAIGHT 18"	417	LF	\$35.00	\$14,595.00	\$39.00	\$26.00	\$27,105.00
70	Sewer Bond Funded	615	TEMPORARY PAVEMENT	1,364	SY	\$14.00	\$19,096.00	\$15.00	\$10.00	\$34,100.00
71	Sewer Bond Funded	659	SEEDING AND MULCHING	42	SY	\$10.00	\$420.00	\$15.00	\$10.00	\$1,050.00
72	Sewer Bond Funded	SPEC	PERMANENT PAVEMENT	126	CY	\$275.00	\$34,650.00	\$210.00	\$140.00	\$44,100.00
73	Sewer Bond Funded	SPEC	HEAT WELDING	16	SY	\$54.00	\$864.00	\$78.00	\$52.00	\$2,080.00
74	Sewer Bond Funded	SPEC	PROJECT IDENTIFICATION SIGNS	1	EA	\$750.00	\$750.00	\$600.00	\$400.00	\$1,000.00

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Elite Excavating Co. of Ohio		
						Unit Price	Extension	Materials	Labor	Extension
75	Sewer Bond Funded	SPEC	EROSION AND SEDIMENT CONTROL	1	LS	\$11,000.00	\$5,500.00	\$3,000.00	\$2,000.00	\$2,500.00
76	Sewer Bond Funded	SPEC	TEMPORARY SEEDING AND MULCHING	41	SY	\$3.00	\$123.00	\$15.00	\$10.00	\$1,025.00
77	Sewer Bond Funded	SPEC	BROAD ST RESURFACING - IF AUTHORIZED - SEE GENERAL NOTE 92	2,167	SY	\$20.00	\$43,340.00	\$2.00	\$1.00	\$6,501.00
			Subtotal:				\$267,160.50			\$230,013.00
78	Sewer Bond Funded	CONT	Force Account (25% 55-77):				\$66,790.13			\$57,503.25
			GRAND TOTAL (SEWER BOND):				\$333,950.63			\$287,516.25

79	Water Bond Funded	202	CURB REMOVED	19	LF	\$6.00	\$114.00	\$9.00	\$6.00	\$285.00
80	Water Bond Funded	202	WALK REMOVED	236	SF	\$12.00	\$2,832.00	\$2.00	\$1.00	\$708.00
81	Water Bond Funded	253	FULL DEPTH PAVEMENT REPAIR, TYPE I, PER SCD 1441	5	SY	\$80.00	\$400.00	\$150.00	\$100.00	\$1,250.00
82	Water Bond Funded	255	CONCRETE	212	CY	\$350.00	\$74,200.00	\$210.00	\$140.00	\$74,200.00
83	Water Bond Funded	441	ASPHALT CONCRETE, SURFACE COURSE, TYPE I (448) PG 64-22	2	CY	\$355.00	\$710.00	\$126.00	\$84.00	\$420.00
84	Water Bond Funded	442	ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (448), (1.5")	155	CY	\$355.00	\$55,025.00	\$132.00	\$88.00	\$34,100.00
85	Water Bond Funded	442*	ASPHALT CONCRETE, INTERMEDIATE COURSE, 19 MM, TYPE A (448)	91	CY	\$360.00	\$32,760.00	\$330.00	\$220.00	\$50,050.00
86	Water Bond Funded	452	NON-REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT (8")	26	SY	\$100.00	\$2,600.00	\$102.00	\$68.00	\$4,420.00
87	Water Bond Funded	605*	4" PIPE UNDERDRAINS	19	LF	\$10.00	\$190.00	\$12.00	\$8.00	\$380.00
88	Water Bond Funded	608	CONCRETE WALK (4")	1,527	SF	\$12.50	\$19,087.50	\$10.00	\$6.00	\$24,432.00
89	Water Bond Funded	608	CURB RAMPS	1	EA	\$1,500.00	\$1,500.00	\$370.00	\$245.00	\$615.00
90	Water Bond Funded	608	DESIGN-BUILD CURB RAMPS - AS AUTHORIZED	14	EA	\$2,000.00	\$28,000.00	\$480.00	\$320.00	\$11,200.00
91	Water Bond Funded	608	DESIGN-BUILD DETECTABLE WARNING, 2'x5', TYPE E, RED (PER SS1551)	14	EA	\$300.00	\$4,200.00	\$180.00	\$120.00	\$4,200.00
92	Water Bond Funded	608	DETECTABLE WARNING, 2'x4', TYPE E, RED (PER SS 1551)	1	EA	\$200.00	\$200.00	\$180.00	\$120.00	\$300.00

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Elite Excavating Co. of Ohio		
						Unit Price	Extension	Materials	Labor	Extension
93	Water Bond Funded	609	CURB, STRAIGHT 18"	109	LF	\$35.00	\$3,815.00	\$39.00	\$26.00	\$7,085.00
94	Water Bond Funded	615	TEMPORARY PAVEMENT	1,092	SY	\$14.00	\$15,288.00	\$18.00	\$12.00	\$32,760.00
95	Water Bond Funded	623	CONSTRUCTION LAYOUT STAKES	1	LS	\$6,000.00	\$6,000.00	\$6,000.00	\$4,000.00	\$10,000.00
96	Water Bond Funded	632	DETECTOR LOOP, AS PER PLAN	2	EA	\$2,500.00	\$5,000.00	\$2,200.00	\$1,400.00	\$7,200.00
97	Water Bond Funded	642	TRAFFIC PAINT	1	LS	\$9,000.00	\$9,000.00	\$6,600.00	\$4,400.00	\$11,000.00
98	Water Bond Funded	659	SEEDING AND MULCHING	13	SY	\$10.00	\$130.00	\$6.00	\$4.00	\$130.00
99	Water Bond Funded	801	6 INCH WATER PIPE & FITTINGS	287	LF	\$150.00	\$43,050.00	\$195.00	\$130.00	\$93,275.00
100	Water Bond Funded	801	8 INCH WATER PIPE & FITTINGS	542	LF	\$170.00	\$92,140.00	\$165.00	\$110.00	\$149,050.00
101	Water Bond Funded	801	16 INCH WATER PIPE & FITTINGS	1,994	LF	\$200.00	\$398,800.00	\$159.00	\$106.00	\$528,410.00
102	Water Bond Funded	801*	CONCRETE BLOCKING, CLASS C, INCR/DECR	182	CY	\$106.00	\$19,292.00	\$60.00	\$40.00	\$18,200.00
103	Water Bond Funded	801*	DUCTILE IRON FITTINGS, INCR/DECR	453	LB	\$3.00	\$1,359.00	\$0.60	\$0.40	\$453.00
104	Water Bond Funded	802	6 INCH VALVE & APPURTENANCES	14	EA	\$1,450.00	\$20,300.00	\$960.00	\$640.00	\$22,400.00
105	Water Bond Funded	802	8 INCH VALVE & APPURTENANCES	16	EA	\$2,300.00	\$36,800.00	\$1,140.00	\$760.00	\$30,400.00
106	Water Bond Funded	802	16 INCH VALVE & APPURTENANCES	4	EA	\$15,500.00	\$62,000.00	\$4,800.00	\$3,200.00	\$32,000.00
107	Water Bond Funded	805	3/4" WATER SERVICE TAP, XFR'D LONG	4	EA	\$3,000.00	\$12,000.00	\$2,100.00	\$1,400.00	\$14,000.00
108	Water Bond Funded	805	3/4" WATER SERVICE TAP, XFR'D SHORT	3	EA	\$3,000.00	\$9,000.00	\$1,560.00	\$1,040.00	\$7,800.00
109	Water Bond Funded	805	1" WATER SERVICE TAP, XFR'D LONG	3	EA	\$3,100.00	\$9,300.00	\$1,860.00	\$1,240.00	\$9,300.00
110	Water Bond Funded	805	1" WATER SERVICE TAP, XFR'D SHORT	1	EA	\$3,100.00	\$3,100.00	\$1,320.00	\$880.00	\$2,200.00
111	Water Bond Funded	805	6" WATER SERVICE TAP, XFR'D	1	EA	\$5,000.00	\$5,000.00	\$9,600.00	\$6,400.00	\$16,000.00
112	Water Bond Funded	805*	CURB BOX	11	EA	\$100.00	\$1,100.00	\$300.00	\$200.00	\$5,500.00
113	Water Bond Funded	805	C.I. FERRULE VALVE BOX AND COVER	1	EA	\$150.00	\$150.00	\$300.00	\$200.00	\$500.00
114	Water Bond Funded	809	FIRE HYDRANT	7	EA	\$3,700.00	\$25,900.00	\$1,500.00	\$1,000.00	\$17,500.00
115	Water Bond Funded	810*	6 INCH FIRE HYDRANT EXTENSIONS	3	EA	\$550.00	\$1,650.00	\$216.00	\$144.00	\$1,080.00
116	Water Bond Funded	810*	18 INCH FIRE HYDRANT EXTENSIONS	2	EA	\$650.00	\$1,300.00	\$249.00	\$166.00	\$830.00
117	Water Bond Funded	810*	24 INCH FIRE HYDRANT EXTENSIONS	1	EA	\$700.00	\$700.00	\$267.00	\$178.00	\$445.00
118	Water Bond Funded	811*	INCR/DECR IN EXCAVATION & BACKFILL	49	CY	\$40.00	\$1,960.00	\$12.00	\$8.00	\$980.00
119	Water Bond Funded	SPEC	PERMANENT PAVEMENT	8	CY	\$275.00	\$2,200.00	\$300.00	\$200.00	\$4,000.00

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Elite Excavating Co. of Ohio		
						Unit Price	Extension	Materials	Labor	Extension
120	Water Bond Funded	SPEC	HEAT WELDING	27	SY	\$54.00	\$1,458.00	\$78.00	\$52.00	\$3,510.00
121	Water Bond Funded	SPEC	PROJECT IDENTIFICATION SIGNS	1	EA	\$750.00	\$750.00	\$600.00	\$400.00	\$1,000.00
122	Water Bond Funded	SPEC	SURVEY COORDINATES	1	LS	\$13,000.00	\$13,000.00	\$3,000.00	\$2,000.00	\$5,000.00
123	Water Bond Funded	SPEC	EROSION AND SEDIMENT CONTROL	1	LS	\$11,000.00	\$5,500.00	\$3,000.00	\$2,000.00	\$2,500.00
124	Water Bond Funded	SPEC	TEMPORARY SEEDING AND MULCHING	13	SY	\$3.00	\$39.00	\$6.00	\$4.00	\$130.00
125	Water Bond Funded	SPEC	TROLLEY TRACK FOUNDATION RMV'L	1,957	LF	\$5.00	\$9,785.00	\$18.00	\$12.00	\$58,710.00
126	Water Bond Funded	SPEC	BROAD ST RESURFACING - IF AUTHORIZED - SEE GENERAL NOTE 92	3,704	SY	\$20.00	\$74,080.00	\$2.00	\$1.00	\$11,112.00
127	Water Bond Funded	SPEC	RAILROAD PROTECTIVE INSURANCE	1	LS	\$15,000.00	\$15,000.00	\$6,000.00	\$4,000.00	\$10,000.00
			Subtotal:				\$1,127,764.50			\$1,321,020.00
128	Water Bond Funded	CONT	Force Account (25% 79-127):				\$281,941.13			\$330,255.00
			GRAND TOTAL (WATER BOND):				\$1,409,705.63			\$1,651,275.00

GRAND TOTAL (COMBINED):					Total:	\$3,164,801.25	Total:	\$3,447,682.50
% DIFFERENCE FROM ENG'S EST.:								8.94%
% DIFFERENCE W/N LOWEST BIDDER								n/a
Contract Compliance No.								20-1643186 (2/4/22, MAJ, 1064)

Submitted GFE.

MBE = 1.3%

WBE = 1.0%

MBE:	using Rath (EDGE) to meet Both	5.3%
WBE:		

**ORD #0329-2020, DIVISION OF SEWERS & DRAINS + WATER
EAST FRANKLINTON PHASE 1
C.I.P. NO'S: 650560-100001 & 690236-100115 (corrected from -100084)
BID TABULATION, OPENED 1/15/20**

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Complete General Construction		
						Unit Price	Extension	Materials	Labor	Extension
1	Sewer Loan Funded	202	6" PIPE FILLED IN PLACE	52	LF	\$15.00	\$780.00	\$13.80	\$9.20	\$1,196.00
2	Sewer Loan Funded	202	8" PIPE FILLED IN PLACE	43	LF	\$15.00	\$645.00	\$15.00	\$10.00	\$1,075.00
3	Sewer Loan Funded	202	12" PIPE FILLED IN PLACE	871	LF	\$15.00	\$13,065.00	\$12.00	\$8.00	\$17,420.00
4	Sewer Loan Funded	202	15" PIPE FILLED IN PLACE	163	LF	\$18.00	\$2,934.00	\$15.00	\$10.00	\$4,075.00
5	Sewer Loan Funded	202	24" PIPE FILLED IN PLACE	22	LF	\$24.00	\$528.00	\$36.00	\$24.00	\$1,320.00
6	Sewer Loan Funded	202	36" PIPE FILLED IN PLACE	23	LF	\$35.00	\$805.00	\$42.00	\$28.00	\$1,610.00
7	Sewer Loan Funded	202	CATCH BASIN OR INLET REMOVED	11	EA	\$350.00	\$3,850.00	\$435.00	\$290.00	\$7,975.00
8	Sewer Loan Funded	202	CURB REMOVED	34	LF	\$6.00	\$204.00	\$7.20	\$4.80	\$408.00
9	Sewer Loan Funded	202	CURB REMOVED FOR STORAGE PER GENERAL NOTE 89	92	LF	\$100.00	\$9,200.00	\$12.00	\$8.00	\$1,840.00
10	Sewer Loan Funded	202	MANHOLE ABANDONED	2	EA	\$600.00	\$1,200.00	\$375.00	\$250.00	\$1,250.00
11	Sewer Loan Funded	202	MANHOLE REMOVED	6	EA	\$500.00	\$3,000.00	\$840.00	\$560.00	\$8,400.00
12	Sewer Loan Funded	253	FULL DEPTH PAVEMENT REPAIR, TYPE I, PER SCD 1441	33	SY	\$80.00	\$2,640.00	\$138.00	\$92.00	\$7,590.00
13	Sewer Loan Funded	253	FULL DEPTH PAVEMENT REPAIR, TYPE III, PER SCD 1441	12	SY	\$100.00	\$1,200.00	\$205.49	\$136.99	\$4,109.76
14	Sewer Loan Funded	255	CONCRETE	152	CY	\$350.00	\$53,200.00	\$210.00	\$140.00	\$53,200.00
15	Sewer Loan Funded	604	48" DIAMETER MANHOLE, TYPE "C", AA-S102	16	EA	\$5,500.00	\$88,000.00	\$3,600.00	\$2,400.00	\$96,000.00
16	Sewer Loan Funded	604	60" DIAM. MANHOLE, TYPE "C", AA-S102	1	EA	\$6,500.00	\$6,500.00	\$4,500.00	\$3,000.00	\$7,500.00
17	Sewer Loan Funded	604	48" DIAM. MANHOLE, TYPE "E", AA-S104	1	EA	\$14,000.00	\$14,000.00	\$7,800.00	\$5,200.00	\$13,000.00
18	Sewer Loan Funded	604	48" DIAMETER MANHOLE, TYPE "E" DOGHOUSE, AA-S104	2	EA	\$14,000.00	\$28,000.00	\$8,400.00	\$5,600.00	\$28,000.00
19	Sewer Loan Funded	604	60" DIAM. MANHOLE, TYPE "E", AA-S104	2	EA	\$16,000.00	\$32,000.00	\$9,600.00	\$6,400.00	\$32,000.00
20	Sewer Loan Funded	604	60" DIAMETER MANHOLE, TYPE "E" DOGHOUSE, AA-S104	2	EA	\$16,000.00	\$32,000.00	\$10,200.00	\$6,800.00	\$34,000.00
21	Sewer Loan Funded	604	CATCH BASIN, AA-S133A	1	EA	\$2,500.00	\$2,500.00	\$1,800.00	\$1,200.00	\$3,000.00
22	Sewer Loan Funded	604	CURB INLET, AA-S120	6	EA	\$2,750.00	\$16,500.00	\$3,300.00	\$2,200.00	\$33,000.00
23	Sewer Loan Funded	604	CURB INLET MANHOLE, AA-S121	3	EA	\$5,000.00	\$15,000.00	\$3,000.00	\$2,000.00	\$15,000.00
24	Sewer Loan Funded	605*	4" PIPE UNDERDRAINS	184	LF	\$10.00	\$1,840.00	\$16.80	\$11.20	\$5,152.00
25	Sewer Loan Funded	614	MAINTAINING TRAFFIC	1	LS	\$100,000.00	\$100,000.00	\$93,000.00	\$62,000.00	\$155,000.00

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Complete General Construction		
						Unit Price	Extension	Materials	Labor	Extension
26	Sewer Loan Funded	623	CONSTRUCTION LAYOUT STAKES	1	LS	\$6,000.00	\$6,000.00	\$18,000.00	\$12,000.00	\$30,000.00
27	Sewer Loan Funded	642	TRAFFIC PAINT	1	LS	\$9,000.00	\$9,000.00	\$4,800.00	\$3,200.00	\$8,000.00
28	Sewer Loan Funded	801	6 INCH WATER PIPE & FITTINGS	18	LF	\$150.00	\$2,700.00	\$570.00	\$380.00	\$17,100.00
29	Sewer Loan Funded	801	8 INCH WATER PIPE & FITTINGS	18	LF	\$170.00	\$3,060.00	\$600.00	\$400.00	\$18,000.00
30	Sewer Loan Funded	901	12" STORM PIPE, W/ TYPE 1 BEDDING, 613 BACKFILL	86	LF	\$305.00	\$26,230.00	\$147.00	\$98.00	\$21,070.00
31	Sewer Loan Funded	901	12" STORM PIPE, W/ TYPE 1 BEDDING, 912 BACKFILL	635	LF	\$150.00	\$95,250.00	\$114.00	\$76.00	\$120,650.00
32	Sewer Loan Funded	901	12" STORM PIPE, SANITARY GRADE, JOINTS PER ASTM C443 OR ASTM D3212 W/ TYPE 1 BEDDING, 613 BACKFILL	45	LF	\$350.00	\$15,750.00	\$153.00	\$102.00	\$11,475.00
33	Sewer Loan Funded	901	12" STORM PIPE, SANITARY GRADE, JOINTS PER ASTM C443 OR ASTM D3212 W/ TYPE 1 BEDDING, 912 BACKFILL	234	LF	\$150.00	\$35,100.00	\$114.00	\$76.00	\$44,460.00
34	Sewer Loan Funded	901	15" SANITARY PIPE, W/ TYPE 1 BEDDING, 912 BACKFILL	31	LF	\$160.00	\$4,960.00	\$210.00	\$140.00	\$10,850.00
35	Sewer Loan Funded	901	18" STORM PIPE, SANITARY GRADE, JOINTS PER ASTM C443 OR ASTM D3212 W/ TYPE 1 BEDDING, 613 BACKFILL	18	LF	\$365.00	\$6,570.00	\$219.00	\$146.00	\$6,570.00
36	Sewer Loan Funded	901	18" STORM PIPE, SANITARY GRADE, JOINTS PER ASTM C443 OR ASTM D3212 W/ TYPE 1 BEDDING, 912 BACKFILL	205	LF	\$170.00	\$34,850.00	\$171.00	\$114.00	\$58,425.00
37	Sewer Loan Funded	901	24" STORM PIPE, W/ TYPE 1 BEDDING, 912 BACKFILL	541	LF	\$160.00	\$86,560.00	\$171.00	\$114.00	\$154,185.00
38	Sewer Loan Funded	901	30" STORM PIPE, W/ TYPE 1 BEDDING, 912 BACKFILL	23	LF	\$300.00	\$6,900.00	\$240.00	\$160.00	\$9,200.00
39	Sewer Loan Funded	909	TUNNEL - JACKED LINER FOR 12" DIAMETER PIPE INCLUDING JACKING PIT AND 12" STORM PIPE, AS PER PLAN	41	LF	\$500.00	\$20,500.00	\$231.00	\$154.00	\$15,785.00

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Complete General Construction		
						Unit Price	Extension	Materials	Labor	Extension
40	Sewer Loan Funded	909	TUNNEL - JACKED LINER FOR 12" DIAMETER PIPE INCLUDING JACKING PIT AND 12" STORM PIPE, SANITARY GRADE PIPE, JOINTS PER ASTM C443 OR ASTM D3212, AS PER PLAN	113	LF	\$525.00	\$59,325.00	\$234.00	\$156.00	\$44,070.00
41	Sewer Loan Funded	909	TUNNEL - JACKED LINER FOR 18" DIAMETER PIPE INCLUDING JACKING PIT AND 18" STORM PIPE, SANITARY GRADE PIPE, JOINTS PER ASTM C443 OR ASTM D3212, AS PER PLAN	59	LF	\$650.00	\$38,350.00	\$255.00	\$170.00	\$25,075.00
42	Sewer Loan Funded	909	TUNNEL - JACKED LINER FOR 24" DIAMETER PIPE INCLUDING JACKING PIT AND 24" STORM PIPE, AS PER PLAN	72	LF	\$800.00	\$57,600.00	\$258.00	\$172.00	\$30,960.00
43	Sewer Loan Funded	909	TUNNEL - JACKED LINER FOR 30" DIAMETER PIPE INCLUDING JACKING PIT AND 30" STORM PIPE, AS PER PLAN	31	LF	\$1,000.00	\$31,000.00	\$270.00	\$180.00	\$13,950.00
44	Sewer Loan Funded	915	CLEAN-OUT	2	EA	\$600.00	\$1,200.00	\$720.00	\$480.00	\$2,400.00
45	Sewer Loan Funded	918	6" DIAM. PIPE, SANITARY HOUSE CONN.	60	LF	\$102.00	\$6,120.00	\$180.00	\$120.00	\$18,000.00
46	Sewer Loan Funded	918	SANITARY LATERAL ABANDONMENT	5	EA	\$600.00	\$3,000.00	\$600.00	\$400.00	\$5,000.00
47	Sewer Loan Funded	SPEC	BRICK EGG-SHAPED SEWER MANHOLE ABANDONMENT	1	EA	\$10,000.00	\$10,000.00	\$3,060.00	\$2,040.00	\$5,100.00
48	Sewer Loan Funded	SPEC	DOGHOUSE MANHOLE TYPE E, WITH SPECIAL SHORING	1	EA	\$30,000.00	\$30,000.00	\$18,000.00	\$12,000.00	\$30,000.00
49	Sewer Loan Funded	SPEC	LATERAL STATUS DETERM. (PER SS-11)	2	EA	\$650.00	\$1,300.00	\$300.00	\$200.00	\$1,000.00
50	Sewer Loan Funded	SPEC	SPECIAL SHORING INSTALLATION OF 8" SANITARY PIPE, C-900 PVC, W/ TYPE 1 BEDDING, 613 BACKFILL	136	LF	\$500.00	\$68,000.00	\$228.00	\$152.00	\$51,680.00
51	Sewer Loan Funded	SPEC	BYPASS PUMPING (PER SS-3)	1	LS	\$15,000.00	\$15,000.00	\$33,000.00	\$22,000.00	\$55,000.00
52	Sewer Loan Funded	SPEC	TELECOM DUCT BANK FIELD LOCATION	1	EA	\$3,000.00	\$3,000.00	\$2,400.00	\$1,600.00	\$4,000.00
53	Sewer Loan Funded	SPEC	LOCATE EXISTING UTILITY	10	EA	\$3,000.00	\$30,000.00	\$360.00	\$240.00	\$6,000.00

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Complete General Construction		
						Unit Price	Extension	Materials	Labor	Extension
			Subtotal:				\$1,136,916.00			\$1,351,125.76
54	Sewer Loan Funded	CONT	Force Account (25% 1-53):				\$284,229.00			\$337,781.44
			GRAND TOTAL (SEWER LOAN):				\$1,421,145.00			\$1,688,907.20

55	Sewer Bond Funded	202	PARKING LOT PAVEMENT REMOVED	8	SY	\$10.00	\$80.00	\$30.00	\$20.00	\$400.00
56	Sewer Bond Funded	202	WALK REMOVED	1,160	SF	\$12.00	\$13,920.00	\$3.00	\$2.00	\$5,800.00
57	Sewer Bond Funded	253	PARKING LOT PAVEMENT REPAIR	6	SY	\$80.00	\$480.00	\$150.00	\$100.00	\$1,500.00
58	Sewer Bond Funded	254	PAVEMENT PLANING, ASPHALT CONCRETE	1,838	SY	\$5.00	\$9,190.00	\$3.30	\$2.20	\$10,109.00
59	Sewer Bond Funded	441	ASPHALT CONCRETE, SURFACE COURSE, TYPE I (448) PG 64-22	102	CY	\$355.00	\$36,210.00	\$126.00	\$84.00	\$21,420.00
60	Sewer Bond Funded	442	ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (448), (1.5")	91	CY	\$355.00	\$32,305.00	\$132.00	\$88.00	\$20,020.00
61	Sewer Bond Funded	442*	ASPHALT CONCRETE, INTERMEDIATE COURSE, 19 MM, TYPE A (448)	65	CY	\$360.00	\$23,400.00	\$228.00	\$152.00	\$24,700.00
62	Sewer Bond Funded	608	CONCRETE WALK (4")	823	SF	\$12.50	\$10,287.50	\$6.00	\$4.00	\$8,230.00
63	Sewer Bond Funded	608	CURB RAMPS	10	EA	\$1,500.00	\$15,000.00	\$300.00	\$200.00	\$5,000.00
64	Sewer Bond Funded	608	DESIGN-BUILD CURB RAMPS - AS AUTHORIZED	2	EA	\$2,000.00	\$4,000.00	\$900.00	\$600.00	\$3,000.00
65	Sewer Bond Funded	608	DESIGN-BUILD DETECTABLE WARNING, 2'x5', TYPE E, RED (PER SS1551)	2	EA	\$300.00	\$600.00	\$300.00	\$200.00	\$1,000.00
66	Sewer Bond Funded	608	DETECTABLE WARNING, 2'x4', TYPE E, RED (PER SS 1551)	8	EA	\$200.00	\$1,600.00	\$270.00	\$180.00	\$3,600.00
67	Sewer Bond Funded	608	DETECTABLE WARNING, 2'x5', TYPE E, RED (PER SS 1551)	1	EA	\$250.00	\$250.00	\$300.00	\$200.00	\$500.00
68	Sewer Bond Funded	608	DETECTABLE WARNING, R=10.9', TYPE E, RED, APP (PER SS 1551)	1	EA	\$500.00	\$500.00	\$1,440.00	\$960.00	\$2,400.00
69	Sewer Bond Funded	609	CURB, STRAIGHT 18"	417	LF	\$35.00	\$14,595.00	\$30.00	\$20.00	\$20,850.00
70	Sewer Bond Funded	615	TEMPORARY PAVEMENT	1,364	SY	\$14.00	\$19,096.00	\$6.00	\$4.00	\$13,640.00
71	Sewer Bond Funded	659	SEEDING AND MULCHING	42	SY	\$10.00	\$420.00	\$6.00	\$4.00	\$420.00
72	Sewer Bond Funded	SPEC	PERMANENT PAVEMENT	126	CY	\$275.00	\$34,650.00	\$270.00	\$180.00	\$56,700.00
73	Sewer Bond Funded	SPEC	HEAT WELDING	16	SY	\$54.00	\$864.00	\$33.60	\$22.40	\$896.00
74	Sewer Bond Funded	SPEC	PROJECT IDENTIFICATION SIGNS	1	EA	\$750.00	\$750.00	\$480.00	\$320.00	\$800.00

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Complete General Construction		
						Unit Price	Extension	Materials	Labor	Extension
75	Sewer Bond Funded	SPEC	EROSION AND SEDIMENT CONTROL	1	LS	\$11,000.00	\$5,500.00	\$9,600.00	\$6,400.00	\$8,000.00
76	Sewer Bond Funded	SPEC	TEMPORARY SEEDING AND MULCHING	41	SY	\$3.00	\$123.00	\$6.00	\$4.00	\$410.00
77	Sewer Bond Funded	SPEC	BROAD ST RESURFACING - IF AUTHORIZED - SEE GENERAL NOTE 92	2,167	SY	\$20.00	\$43,340.00	\$1.92	\$1.28	\$6,934.40
			Subtotal:				\$267,160.50			\$216,329.40
78	Sewer Bond Funded	CONT	Force Account (25% 55-77):				\$66,790.13			\$54,082.35
			GRAND TOTAL (SEWER BOND):				\$333,950.63			\$270,411.75

79	Water Bond Funded	202	CURB REMOVED	19	LF	\$6.00	\$114.00	\$6.00	\$4.00	\$190.00
80	Water Bond Funded	202	WALK REMOVED	236	SF	\$12.00	\$2,832.00	\$4.20	\$2.80	\$1,652.00
81	Water Bond Funded	253	FULL DEPTH PAVEMENT REPAIR, TYPE I, PER SCD 1441	5	SY	\$80.00	\$400.00	\$165.00	\$110.00	\$1,375.00
82	Water Bond Funded	255	CONCRETE	212	CY	\$350.00	\$74,200.00	\$210.00	\$140.00	\$74,200.00
83	Water Bond Funded	441	ASPHALT CONCRETE, SURFACE COURSE, TYPE I (448) PG 64-22	2	CY	\$355.00	\$710.00	\$126.00	\$84.00	\$420.00
84	Water Bond Funded	442	ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (448), (1.5")	155	CY	\$355.00	\$55,025.00	\$132.00	\$88.00	\$34,100.00
85	Water Bond Funded	442*	ASPHALT CONCRETE, INTERMEDIATE COURSE, 19 MM, TYPE A (448)	91	CY	\$360.00	\$32,760.00	\$228.00	\$152.00	\$34,580.00
86	Water Bond Funded	452	NON-REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT (8")	26	SY	\$100.00	\$2,600.00	\$81.00	\$54.00	\$3,510.00
87	Water Bond Funded	605*	4" PIPE UNDERDRAINS	19	LF	\$10.00	\$190.00	\$24.00	\$16.00	\$760.00
88	Water Bond Funded	608	CONCRETE WALK (4")	1,527	SF	\$12.50	\$19,087.50	\$7.20	\$4.80	\$18,324.00
89	Water Bond Funded	608	CURB RAMPS	1	EA	\$1,500.00	\$1,500.00	\$300.00	\$200.00	\$500.00
90	Water Bond Funded	608	DESIGN-BUILD CURB RAMPS - AS AUTHORIZED	14	EA	\$2,000.00	\$28,000.00	\$1,020.00	\$680.00	\$23,800.00
91	Water Bond Funded	608	DESIGN-BUILD DETECTABLE WARNING, 2'x5', TYPE E, RED (PER SS1551)	14	EA	\$300.00	\$4,200.00	\$300.00	\$200.00	\$7,000.00
92	Water Bond Funded	608	DETECTABLE WARNING, 2'x4', TYPE E, RED (PER SS 1551)	1	EA	\$200.00	\$200.00	\$270.00	\$180.00	\$450.00

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Complete General Construction		
						Unit Price	Extension	Materials	Labor	Extension
93	Water Bond Funded	609	CURB, STRAIGHT 18"	109	LF	\$35.00	\$3,815.00	\$30.00	\$20.00	\$5,450.00
94	Water Bond Funded	615	TEMPORARY PAVEMENT	1,092	SY	\$14.00	\$15,288.00	\$6.00	\$4.00	\$10,920.00
95	Water Bond Funded	623	CONSTRUCTION LAYOUT STAKES	1	LS	\$6,000.00	\$6,000.00	\$12,000.00	\$8,000.00	\$20,000.00
96	Water Bond Funded	632	DETECTOR LOOP, AS PER PLAN	2	EA	\$2,500.00	\$5,000.00	\$2,400.00	\$1,600.00	\$8,000.00
97	Water Bond Funded	642	TRAFFIC PAINT	1	LS	\$9,000.00	\$9,000.00	\$6,000.00	\$4,000.00	\$10,000.00
98	Water Bond Funded	659	SEEDING AND MULCHING	13	SY	\$10.00	\$130.00	\$6.00	\$4.00	\$130.00
99	Water Bond Funded	801	6 INCH WATER PIPE & FITTINGS	287	LF	\$150.00	\$43,050.00	\$360.00	\$240.00	\$172,200.00
100	Water Bond Funded	801	8 INCH WATER PIPE & FITTINGS	542	LF	\$170.00	\$92,140.00	\$240.00	\$160.00	\$216,800.00
101	Water Bond Funded	801	16 INCH WATER PIPE & FITTINGS	1,994	LF	\$200.00	\$398,800.00	\$174.00	\$116.00	\$578,260.00
102	Water Bond Funded	801*	CONCRETE BLOCKING, CLASS C, INCR/DECR	182	CY	\$106.00	\$19,292.00	\$99.00	\$66.00	\$30,030.00
103	Water Bond Funded	801*	DUCTILE IRON FITTINGS, INCR/DECR	453	LB	\$3.00	\$1,359.00	\$2.24	\$1.50	\$1,694.22
104	Water Bond Funded	802	6 INCH VALVE & APPURTENANCES	14	EA	\$1,450.00	\$20,300.00	\$900.00	\$600.00	\$21,000.00
105	Water Bond Funded	802	8 INCH VALVE & APPURTENANCES	16	EA	\$2,300.00	\$36,800.00	\$1,500.00	\$1,000.00	\$40,000.00
106	Water Bond Funded	802	16 INCH VALVE & APPURTENANCES	4	EA	\$15,500.00	\$62,000.00	\$4,800.00	\$3,200.00	\$32,000.00
107	Water Bond Funded	805	3/4" WATER SERVICE TAP, XFR'D LONG	4	EA	\$3,000.00	\$12,000.00	\$5,400.00	\$3,600.00	\$36,000.00
108	Water Bond Funded	805	3/4" WATER SERVICE TAP, XFR'D SHORT	3	EA	\$3,000.00	\$9,000.00	\$4,200.00	\$2,800.00	\$21,000.00
109	Water Bond Funded	805	1" WATER SERVICE TAP, XFR'D LONG	3	EA	\$3,100.00	\$9,300.00	\$6,000.00	\$4,000.00	\$30,000.00
110	Water Bond Funded	805	1" WATER SERVICE TAP, XFR'D SHORT	1	EA	\$3,100.00	\$3,100.00	\$3,900.00	\$2,600.00	\$6,500.00
111	Water Bond Funded	805	6" WATER SERVICE TAP, XFR'D	1	EA	\$5,000.00	\$5,000.00	\$12,300.00	\$8,200.00	\$20,500.00
112	Water Bond Funded	805*	CURB BOX	11	EA	\$100.00	\$1,100.00	\$75.00	\$50.00	\$1,375.00
113	Water Bond Funded	805	C.I. FERRULE VALVE BOX AND COVER	1	EA	\$150.00	\$150.00	\$102.00	\$68.00	\$170.00
114	Water Bond Funded	809	FIRE HYDRANT	7	EA	\$3,700.00	\$25,900.00	\$3,000.00	\$2,000.00	\$35,000.00
115	Water Bond Funded	810*	6 INCH FIRE HYDRANT EXTENSIONS	3	EA	\$550.00	\$1,650.00	\$390.00	\$260.00	\$1,950.00
116	Water Bond Funded	810*	18 INCH FIRE HYDRANT EXTENSIONS	2	EA	\$650.00	\$1,300.00	\$405.00	\$270.00	\$1,350.00
117	Water Bond Funded	810*	24 INCH FIRE HYDRANT EXTENSIONS	1	EA	\$700.00	\$700.00	\$420.00	\$280.00	\$700.00
118	Water Bond Funded	811*	INCR/DECR IN EXCAVATION & BACKFILL	49	CY	\$40.00	\$1,960.00	\$15.00	\$10.00	\$1,225.00
119	Water Bond Funded	SPEC	PERMANENT PAVEMENT	8	CY	\$275.00	\$2,200.00	\$300.00	\$200.00	\$4,000.00

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Complete General Construction		
						Unit Price	Extension	Materials	Labor	Extension
120	Water Bond Funded	SPEC	HEAT WELDING	27	SY	\$54.00	\$1,458.00	\$33.60	\$22.40	\$1,512.00
121	Water Bond Funded	SPEC	PROJECT IDENTIFICATION SIGNS	1	EA	\$750.00	\$750.00	\$480.00	\$320.00	\$800.00
122	Water Bond Funded	SPEC	SURVEY COORDINATES	1	LS	\$13,000.00	\$13,000.00	\$3,000.00	\$2,000.00	\$5,000.00
123	Water Bond Funded	SPEC	EROSION AND SEDIMENT CONTROL	1	LS	\$11,000.00	\$5,500.00	\$9,600.00	\$6,400.00	\$8,000.00
124	Water Bond Funded	SPEC	TEMPORARY SEEDING AND MULCHING	13	SY	\$3.00	\$39.00	\$6.00	\$4.00	\$130.00
125	Water Bond Funded	SPEC	TROLLEY TRACK FOUNDATION RMV'L	1,957	LF	\$5.00	\$9,785.00	\$18.00	\$12.00	\$58,710.00
126	Water Bond Funded	SPEC	BROAD ST RESURFACING - IF AUTHORIZED - SEE GENERAL NOTE 92	3,704	SY	\$20.00	\$74,080.00	\$1.92	\$1.28	\$11,852.80
127	Water Bond Funded	SPEC	RAILROAD PROTECTIVE INSURANCE	1	LS	\$15,000.00	\$15,000.00	\$7,200.00	\$4,800.00	\$12,000.00
			Subtotal:				\$1,127,764.50			\$1,605,120.02
128	Water Bond Funded	CONT	Force Account (25% 79-127):				\$281,941.13			\$401,280.01
			GRAND TOTAL (WATER BOND):				\$1,409,705.63			\$2,006,400.03

GRAND TOTAL (COMBINED):						Total:	\$3,164,801.25	Total:	\$3,965,718.98
							25.31%		
							15.0%		
							31-4366382 (7/8/21, MAJ, 6056)		

*Corrected contingency for Water Bond (ha Grand total was \$3,979,239.57.

**Need revised GFE.

MBE = 1.3%

MBE: Barkarr Enterprises	4.1%
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WBE = 1.0%

WBE: JN Graham Truckin	3.6%
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ORD #0329-2020, DIVISION OF SEWERS & DRAINS + WATER
EAST FRANKLINTON PHASE 1
C.I.P. NO'S: 650560-100001 & 690236-100115 (corrected from -100084)
BID TABULATION, OPENED 1/15/20

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Shelly & Sands		
						Unit Price	Extension	Materials	Labor	Extension
1	Sewer Loan Funded	202	6" PIPE FILLED IN PLACE	52	LF	\$15.00	\$780.00	\$23.00	\$23.00	\$2,392.00
2	Sewer Loan Funded	202	8" PIPE FILLED IN PLACE	43	LF	\$15.00	\$645.00	\$27.50	\$27.50	\$2,365.00
3	Sewer Loan Funded	202	12" PIPE FILLED IN PLACE	871	LF	\$15.00	\$13,065.00	\$9.50	\$9.50	\$16,549.00
4	Sewer Loan Funded	202	15" PIPE FILLED IN PLACE	163	LF	\$18.00	\$2,934.00	\$11.50	\$11.50	\$3,749.00
5	Sewer Loan Funded	202	24" PIPE FILLED IN PLACE	22	LF	\$24.00	\$528.00	\$27.00	\$27.00	\$1,188.00
6	Sewer Loan Funded	202	36" PIPE FILLED IN PLACE	23	LF	\$35.00	\$805.00	\$41.50	\$41.50	\$1,909.00
7	Sewer Loan Funded	202	CATCH BASIN OR INLET REMOVED	11	EA	\$350.00	\$3,850.00	\$237.50	\$237.50	\$5,225.00
8	Sewer Loan Funded	202	CURB REMOVED	34	LF	\$6.00	\$204.00	\$8.50	\$8.50	\$578.00
9	Sewer Loan Funded	202	CURB REMOVED FOR STORAGE PER GENERAL NOTE 89	92	LF	\$100.00	\$9,200.00	\$10.00	\$10.00	\$1,840.00
10	Sewer Loan Funded	202	MANHOLE ABANDONED	2	EA	\$600.00	\$1,200.00	\$750.00	\$750.00	\$3,000.00
11	Sewer Loan Funded	202	MANHOLE REMOVED	6	EA	\$500.00	\$3,000.00	\$250.00	\$250.00	\$3,000.00
12	Sewer Loan Funded	253	FULL DEPTH PAVEMENT REPAIR, TYPE I, PER SCD 1441	33	SY	\$80.00	\$2,640.00	\$200.00	\$200.00	\$13,200.00
13	Sewer Loan Funded	253	FULL DEPTH PAVEMENT REPAIR, TYPE III, PER SCD 1441	12	SY	\$100.00	\$1,200.00	\$400.00	\$400.00	\$9,600.00
14	Sewer Loan Funded	255	CONCRETE	152	CY	\$350.00	\$53,200.00	\$322.50	\$322.50	\$98,040.00
15	Sewer Loan Funded	604	48" DIAMETER MANHOLE, TYPE "C", AA-S102	16	EA	\$5,500.00	\$88,000.00	\$2,000.00	\$2,000.00	\$64,000.00
16	Sewer Loan Funded	604	60" DIAM. MANHOLE, TYPE "C", AA-S102	1	EA	\$6,500.00	\$6,500.00	\$2,500.00	\$2,500.00	\$5,000.00
17	Sewer Loan Funded	604	48" DIAM. MANHOLE, TYPE "E", AA-S104	1	EA	\$14,000.00	\$14,000.00	\$20,000.00	\$20,000.00	\$40,000.00
18	Sewer Loan Funded	604	48" DIAMETER MANHOLE, TYPE "E" DOGHOUSE, AA-S104	2	EA	\$14,000.00	\$28,000.00	\$21,250.00	\$21,250.00	\$85,000.00
19	Sewer Loan Funded	604	60" DIAM. MANHOLE, TYPE "E", AA-S104	2	EA	\$16,000.00	\$32,000.00	\$20,000.00	\$20,000.00	\$80,000.00
20	Sewer Loan Funded	604	60" DIAMETER MANHOLE, TYPE "E" DOGHOUSE, AA-S104	2	EA	\$16,000.00	\$32,000.00	\$22,500.00	\$22,500.00	\$90,000.00
21	Sewer Loan Funded	604	CATCH BASIN, AA-S133A	1	EA	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$4,000.00
22	Sewer Loan Funded	604	CURB INLET, AA-S120	6	EA	\$2,750.00	\$16,500.00	\$2,000.00	\$2,000.00	\$24,000.00
23	Sewer Loan Funded	604	CURB INLET MANHOLE, AA-S121	3	EA	\$5,000.00	\$15,000.00	\$2,250.00	\$2,250.00	\$13,500.00
24	Sewer Loan Funded	605*	4" PIPE UNDERDRAINS	184	LF	\$10.00	\$1,840.00	\$9.50	\$9.50	\$3,496.00
25	Sewer Loan Funded	614	MAINTAINING TRAFFIC	1	LS	\$100,000.00	\$100,000.00	\$175,000.00	\$175,000.00	\$350,000.00

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Shelly & Sands		
						Unit Price	Extension	Materials	Labor	Extension
26	Sewer Loan Funded	623	CONSTRUCTION LAYOUT STAKES	1	LS	\$6,000.00	\$6,000.00	\$22,500.00	\$22,500.00	\$45,000.00
27	Sewer Loan Funded	642	TRAFFIC PAINT	1	LS	\$9,000.00	\$9,000.00	\$3,255.00	\$3,255.00	\$6,510.00
28	Sewer Loan Funded	801	6 INCH WATER PIPE & FITTINGS	18	LF	\$150.00	\$2,700.00	\$260.00	\$260.00	\$9,360.00
29	Sewer Loan Funded	801	8 INCH WATER PIPE & FITTINGS	18	LF	\$170.00	\$3,060.00	\$287.50	\$287.50	\$10,350.00
30	Sewer Loan Funded	901	12" STORM PIPE, W/ TYPE 1 BEDDING, 613 BACKFILL	86	LF	\$305.00	\$26,230.00	\$87.50	\$87.50	\$15,050.00
31	Sewer Loan Funded	901	12" STORM PIPE, W/ TYPE 1 BEDDING, 912 BACKFILL	635	LF	\$150.00	\$95,250.00	\$75.00	\$75.00	\$95,250.00
32	Sewer Loan Funded	901	12" STORM PIPE, SANITARY GRADE, JOINTS PER ASTM C443 OR ASTM D3212 W/ TYPE 1 BEDDING, 613 BACKFILL	45	LF	\$350.00	\$15,750.00	\$112.50	\$112.50	\$10,125.00
33	Sewer Loan Funded	901	12" STORM PIPE, SANITARY GRADE, JOINTS PER ASTM C443 OR ASTM D3212 W/ TYPE 1 BEDDING, 912 BACKFILL	234	LF	\$150.00	\$35,100.00	\$100.00	\$100.00	\$46,800.00
34	Sewer Loan Funded	901	15" SANITARY PIPE, W/ TYPE 1 BEDDING, 912 BACKFILL	31	LF	\$160.00	\$4,960.00	\$115.00	\$115.00	\$7,130.00
35	Sewer Loan Funded	901	18" STORM PIPE, SANITARY GRADE, JOINTS PER ASTM C443 OR ASTM D3212 W/ TYPE 1 BEDDING, 613 BACKFILL	18	LF	\$365.00	\$6,570.00	\$137.50	\$137.50	\$4,950.00
36	Sewer Loan Funded	901	18" STORM PIPE, SANITARY GRADE, JOINTS PER ASTM C443 OR ASTM D3212 W/ TYPE 1 BEDDING, 912 BACKFILL	205	LF	\$170.00	\$34,850.00	\$125.00	\$125.00	\$51,250.00
37	Sewer Loan Funded	901	24" STORM PIPE, W/ TYPE 1 BEDDING, 912 BACKFILL	541	LF	\$160.00	\$86,560.00	\$132.50	\$132.50	\$143,365.00
38	Sewer Loan Funded	901	30" STORM PIPE, W/ TYPE 1 BEDDING, 912 BACKFILL	23	LF	\$300.00	\$6,900.00	\$175.00	\$175.00	\$8,050.00
39	Sewer Loan Funded	909	TUNNEL - JACKED LINER FOR 12" DIAMETER PIPE INCLUDING JACKING PIT AND 12" STORM PIPE, AS PER PLAN	41	LF	\$500.00	\$20,500.00	\$600.00	\$600.00	\$49,200.00

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Shelly & Sands		
						Unit Price	Extension	Materials	Labor	Extension
40	Sewer Loan Funded	909	TUNNEL - JACKED LINER FOR 12" DIAMETER PIPE INCLUDING JACKING PIT AND 12" STORM PIPE, SANITARY GRADE PIPE, JOINTS PER ASTM C443 OR ASTM D3212, AS PER PLAN	113	LF	\$525.00	\$59,325.00	\$275.00	\$275.00	\$62,150.00
41	Sewer Loan Funded	909	TUNNEL - JACKED LINER FOR 18" DIAMETER PIPE INCLUDING JACKING PIT AND 18" STORM PIPE, SANITARY GRADE PIPE, JOINTS PER ASTM C443 OR ASTM D3212, AS PER PLAN	59	LF	\$650.00	\$38,350.00	\$350.00	\$350.00	\$41,300.00
42	Sewer Loan Funded	909	TUNNEL - JACKED LINER FOR 24" DIAMETER PIPE INCLUDING JACKING PIT AND 24" STORM PIPE, AS PER PLAN	72	LF	\$800.00	\$57,600.00	\$500.00	\$500.00	\$72,000.00
43	Sewer Loan Funded	909	TUNNEL - JACKED LINER FOR 30" DIAMETER PIPE INCLUDING JACKING PIT AND 30" STORM PIPE, AS PER PLAN	31	LF	\$1,000.00	\$31,000.00	\$600.00	\$600.00	\$37,200.00
44	Sewer Loan Funded	915	CLEAN-OUT	2	EA	\$600.00	\$1,200.00	\$600.00	\$600.00	\$2,400.00
45	Sewer Loan Funded	918	6" DIAM. PIPE, SANITARY HOUSE CONN.	60	LF	\$102.00	\$6,120.00	\$150.00	\$150.00	\$18,000.00
46	Sewer Loan Funded	918	SANITARY LATERAL ABANDONMENT	5	EA	\$600.00	\$3,000.00	\$537.50	\$537.50	\$5,375.00
47	Sewer Loan Funded	SPEC	BRICK EGG-SHAPED SEWER MANHOLE ABANDONMENT	1	EA	\$10,000.00	\$10,000.00	\$12,500.00	\$12,500.00	\$25,000.00
48	Sewer Loan Funded	SPEC	DOGHOUSE MANHOLE TYPE E, WITH SPECIAL SHORING	1	EA	\$30,000.00	\$30,000.00	\$62,500.00	\$62,500.00	\$125,000.00
49	Sewer Loan Funded	SPEC	LATERAL STATUS DETERM. (PER SS-11)	2	EA	\$650.00	\$1,300.00	\$1,250.00	\$1,250.00	\$5,000.00
50	Sewer Loan Funded	SPEC	SPECIAL SHORING INSTALLATION OF 8" SANITARY PIPE, C-900 PVC, W/ TYPE 1 BEDDING, 613 BACKFILL	136	LF	\$500.00	\$68,000.00	\$155.00	\$155.00	\$42,160.00
51	Sewer Loan Funded	SPEC	BYPASS PUMPING (PER SS-3)	1	LS	\$15,000.00	\$15,000.00	\$37,500.00	\$37,500.00	\$75,000.00
52	Sewer Loan Funded	SPEC	TELECOM DUCT BANK FIELD LOCATION	1	EA	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$4,000.00
53	Sewer Loan Funded	SPEC	LOCATE EXISTING UTILITY	10	EA	\$3,000.00	\$30,000.00	\$500.00	\$500.00	\$10,000.00

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Shelly & Sands		
						Unit Price	Extension	Materials	Labor	Extension
			Subtotal:				\$1,136,916.00			\$1,948,606.00
54	Sewer Loan Funded	CONT	Force Account (25% 1-53):				\$284,229.00			\$487,151.50
			GRAND TOTAL (SEWER LOAN):				\$1,421,145.00			\$2,435,757.50

55	Sewer Bond Funded	202	PARKING LOT PAVEMENT REMOVED	8	SY	\$10.00	\$80.00	\$29.00	\$29.00	\$464.00
56	Sewer Bond Funded	202	WALK REMOVED	1,160	SF	\$12.00	\$13,920.00	\$1.00	\$1.00	\$2,320.00
57	Sewer Bond Funded	253	PARKING LOT PAVEMENT REPAIR	6	SY	\$80.00	\$480.00	\$150.00	\$150.00	\$1,800.00
58	Sewer Bond Funded	254	PAVEMENT PLANING, ASPHALT CONCRETE	1,838	SY	\$5.00	\$9,190.00	\$4.50	\$4.50	\$16,542.00
59	Sewer Bond Funded	441	ASPHALT CONCRETE, SURFACE COURSE, TYPE I (448) PG 64-22	102	CY	\$355.00	\$36,210.00	\$125.00	\$125.00	\$25,500.00
60	Sewer Bond Funded	442	ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (448), (1.5")	91	CY	\$355.00	\$32,305.00	\$140.00	\$140.00	\$25,480.00
61	Sewer Bond Funded	442*	ASPHALT CONCRETE, INTERMEDIATE COURSE, 19 MM, TYPE A (448)	65	CY	\$360.00	\$23,400.00	\$120.00	\$120.00	\$15,600.00
62	Sewer Bond Funded	608	CONCRETE WALK (4")	823	SF	\$12.50	\$10,287.50	\$10.50	\$10.50	\$17,283.00
63	Sewer Bond Funded	608	CURB RAMPS	10	EA	\$1,500.00	\$15,000.00	\$204.50	\$204.50	\$4,090.00
64	Sewer Bond Funded	608	DESIGN-BUILD CURB RAMPS - AS AUTHORIZED	2	EA	\$2,000.00	\$4,000.00	\$1,000.00	\$1,000.00	\$4,000.00
65	Sewer Bond Funded	608	DESIGN-BUILD DETECTABLE WARNING, 2'x5', TYPE E, RED (PER SS1551)	2	EA	\$300.00	\$600.00	\$150.00	\$150.00	\$600.00
66	Sewer Bond Funded	608	DETECTABLE WARNING, 2'x4', TYPE E, RED (PER SS 1551)	8	EA	\$200.00	\$1,600.00	\$152.50	\$152.50	\$2,440.00
67	Sewer Bond Funded	608	DETECTABLE WARNING, 2'x5', TYPE E, RED (PER SS 1551)	1	EA	\$250.00	\$250.00	\$160.00	\$160.00	\$320.00
68	Sewer Bond Funded	608	DETECTABLE WARNING, R=10.9', TYPE E, RED, APP (PER SS 1551)	1	EA	\$500.00	\$500.00	\$280.00	\$280.00	\$560.00
69	Sewer Bond Funded	609	CURB, STRAIGHT 18"	417	LF	\$35.00	\$14,595.00	\$30.00	\$30.00	\$25,020.00
70	Sewer Bond Funded	615	TEMPORARY PAVEMENT	1,364	SY	\$14.00	\$19,096.00	\$1.50	\$1.50	\$4,092.00
71	Sewer Bond Funded	659	SEEDING AND MULCHING	42	SY	\$10.00	\$420.00	\$5.00	\$5.00	\$420.00
72	Sewer Bond Funded	SPEC	PERMANENT PAVEMENT	126	CY	\$275.00	\$34,650.00	\$150.00	\$150.00	\$37,800.00
73	Sewer Bond Funded	SPEC	HEAT WELDING	16	SY	\$54.00	\$864.00	\$50.00	\$50.00	\$1,600.00
74	Sewer Bond Funded	SPEC	PROJECT IDENTIFICATION SIGNS	1	EA	\$750.00	\$750.00	\$400.00	\$400.00	\$800.00

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Shelly & Sands		
						Unit Price	Extension	Materials	Labor	Extension
75	Sewer Bond Funded	SPEC	EROSION AND SEDIMENT CONTROL	1	LS	\$11,000.00	\$5,500.00	\$15,000.00	\$15,000.00	\$15,000.00
76	Sewer Bond Funded	SPEC	TEMPORARY SEEDING AND MULCHING	41	SY	\$3.00	\$123.00	\$5.00	\$5.00	\$410.00
77	Sewer Bond Funded	SPEC	BROAD ST RESURFACING - IF AUTHORIZED - SEE GENERAL NOTE 92	2,167	SY	\$20.00	\$43,340.00	\$6.00	\$6.00	\$26,004.00
			Subtotal:				\$267,160.50			\$228,145.00
78	Sewer Bond Funded	CONT	Force Account (25% 55-77):				\$66,790.13			\$57,036.25
			GRAND TOTAL (SEWER BOND):				\$333,950.63			\$285,181.25

79	Water Bond Funded	202	CURB REMOVED	19	LF	\$6.00	\$114.00	\$12.50	\$12.50	\$475.00
80	Water Bond Funded	202	WALK REMOVED	236	SF	\$12.00	\$2,832.00	\$1.00	\$1.00	\$472.00
81	Water Bond Funded	253	FULL DEPTH PAVEMENT REPAIR, TYPE I, PER SCD 1441	5	SY	\$80.00	\$400.00	\$175.00	\$175.00	\$1,750.00
82	Water Bond Funded	255	CONCRETE	212	CY	\$350.00	\$74,200.00	\$294.50	\$294.50	\$124,868.00
83	Water Bond Funded	441	ASPHALT CONCRETE, SURFACE COURSE, TYPE I (448) PG 64-22	2	CY	\$355.00	\$710.00	\$400.00	\$400.00	\$1,600.00
84	Water Bond Funded	442	ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (448), (1.5")	155	CY	\$355.00	\$55,025.00	\$110.00	\$110.00	\$34,100.00
85	Water Bond Funded	442*	ASPHALT CONCRETE, INTERMEDIATE COURSE, 19 MM, TYPE A (448)	91	CY	\$360.00	\$32,760.00	\$92.50	\$92.50	\$16,835.00
86	Water Bond Funded	452	NON-REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT (8")	26	SY	\$100.00	\$2,600.00	\$80.00	\$80.00	\$4,160.00
87	Water Bond Funded	605*	4" PIPE UNDERDRAINS	19	LF	\$10.00	\$190.00	\$18.50	\$18.50	\$703.00
88	Water Bond Funded	608	CONCRETE WALK (4")	1,527	SF	\$12.50	\$19,087.50	\$4.50	\$4.50	\$13,743.00
89	Water Bond Funded	608	CURB RAMPS	1	EA	\$1,500.00	\$1,500.00	\$172.50	\$172.50	\$345.00
90	Water Bond Funded	608	DESIGN-BUILD CURB RAMPS - AS AUTHORIZED	14	EA	\$2,000.00	\$28,000.00	\$875.00	\$875.00	\$24,500.00
91	Water Bond Funded	608	DESIGN-BUILD DETECTABLE WARNING, 2'x5', TYPE E, RED (PER SS1551)	14	EA	\$300.00	\$4,200.00	\$150.00	\$150.00	\$4,200.00
92	Water Bond Funded	608	DETECTABLE WARNING, 2'x4', TYPE E, RED (PER SS 1551)	1	EA	\$200.00	\$200.00	\$152.50	\$152.50	\$305.00

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Shelly & Sands		
						Unit Price	Extension	Materials	Labor	Extension
93	Water Bond Funded	609	CURB, STRAIGHT 18"	109	LF	\$35.00	\$3,815.00	\$20.00	\$20.00	\$4,360.00
94	Water Bond Funded	615	TEMPORARY PAVEMENT	1,092	SY	\$14.00	\$15,288.00	\$1.50	\$1.50	\$3,276.00
95	Water Bond Funded	623	CONSTRUCTION LAYOUT STAKES	1	LS	\$6,000.00	\$6,000.00	\$5,280.00	\$5,280.00	\$10,560.00
96	Water Bond Funded	632	DETECTOR LOOP, AS PER PLAN	2	EA	\$2,500.00	\$5,000.00	\$1,700.00	\$1,700.00	\$6,800.00
97	Water Bond Funded	642	TRAFFIC PAINT	1	LS	\$9,000.00	\$9,000.00	\$3,255.00	\$3,255.00	\$6,510.00
98	Water Bond Funded	659	SEEDING AND MULCHING	13	SY	\$10.00	\$130.00	\$5.00	\$5.00	\$130.00
99	Water Bond Funded	801	6 INCH WATER PIPE & FITTINGS	287	LF	\$150.00	\$43,050.00	\$115.00	\$115.00	\$66,010.00
100	Water Bond Funded	801	8 INCH WATER PIPE & FITTINGS	542	LF	\$170.00	\$92,140.00	\$162.50	\$162.50	\$176,150.00
101	Water Bond Funded	801	16 INCH WATER PIPE & FITTINGS	1,994	LF	\$200.00	\$398,800.00	\$137.50	\$137.50	\$548,350.00
102	Water Bond Funded	801*	CONCRETE BLOCKING, CLASS C, INCR/DECR	182	CY	\$106.00	\$19,292.00	\$67.50	\$67.50	\$24,570.00
103	Water Bond Funded	801*	DUCTILE IRON FITTINGS, INCR/DECR	453	LB	\$3.00	\$1,359.00	\$2.00	\$2.00	\$1,812.00
104	Water Bond Funded	802	6 INCH VALVE & APPURTENANCES	14	EA	\$1,450.00	\$20,300.00	\$575.00	\$575.00	\$16,100.00
105	Water Bond Funded	802	8 INCH VALVE & APPURTENANCES	16	EA	\$2,300.00	\$36,800.00	\$725.00	\$725.00	\$23,200.00
106	Water Bond Funded	802	16 INCH VALVE & APPURTENANCES	4	EA	\$15,500.00	\$62,000.00	\$3,450.00	\$3,450.00	\$27,600.00
107	Water Bond Funded	805	3/4" WATER SERVICE TAP, XFR'D LONG	4	EA	\$3,000.00	\$12,000.00	\$1,625.00	\$1,625.00	\$13,000.00
108	Water Bond Funded	805	3/4" WATER SERVICE TAP, XFR'D SHORT	3	EA	\$3,000.00	\$9,000.00	\$1,250.00	\$1,250.00	\$7,500.00
109	Water Bond Funded	805	1" WATER SERVICE TAP, XFR'D LONG	3	EA	\$3,100.00	\$9,300.00	\$1,625.00	\$1,625.00	\$9,750.00
110	Water Bond Funded	805	1" WATER SERVICE TAP, XFR'D SHORT	1	EA	\$3,100.00	\$3,100.00	\$1,450.00	\$1,450.00	\$2,900.00
111	Water Bond Funded	805	6" WATER SERVICE TAP, XFR'D	1	EA	\$5,000.00	\$5,000.00	\$6,875.00	\$6,875.00	\$13,750.00
112	Water Bond Funded	805*	CURB BOX	11	EA	\$100.00	\$1,100.00	\$65.00	\$65.00	\$1,430.00
113	Water Bond Funded	805	C.I. FERRULE VALVE BOX AND COVER	1	EA	\$150.00	\$150.00	\$62.50	\$62.50	\$125.00
114	Water Bond Funded	809	FIRE HYDRANT	7	EA	\$3,700.00	\$25,900.00	\$1,875.00	\$1,875.00	\$26,250.00
115	Water Bond Funded	810*	6 INCH FIRE HYDRANT EXTENSIONS	3	EA	\$550.00	\$1,650.00	\$375.00	\$375.00	\$2,250.00
116	Water Bond Funded	810*	18 INCH FIRE HYDRANT EXTENSIONS	2	EA	\$650.00	\$1,300.00	\$415.00	\$415.00	\$1,660.00
117	Water Bond Funded	810*	24 INCH FIRE HYDRANT EXTENSIONS	1	EA	\$700.00	\$700.00	\$500.00	\$500.00	\$1,000.00
118	Water Bond Funded	811*	INCR/DECR IN EXCAVATION & BACKFILL	49	CY	\$40.00	\$1,960.00	\$25.00	\$25.00	\$2,450.00
119	Water Bond Funded	SPEC	PERMANENT PAVEMENT	8	CY	\$275.00	\$2,200.00	\$175.00	\$175.00	\$2,800.00

	Group	Item #	Description	Qty.	Units	Engineer's Estimate		Shelly & Sands		
						Unit Price	Extension	Materials	Labor	Extension
120	Water Bond Funded	SPEC	HEAT WELDING	27	SY	\$54.00	\$1,458.00	\$50.00	\$50.00	\$2,700.00
121	Water Bond Funded	SPEC	PROJECT IDENTIFICATION SIGNS	1	EA	\$750.00	\$750.00	\$400.00	\$400.00	\$800.00
122	Water Bond Funded	SPEC	SURVEY COORDINATES	1	LS	\$13,000.00	\$13,000.00	\$4,458.00	\$4,458.00	\$8,916.00
123	Water Bond Funded	SPEC	EROSION AND SEDIMENT CONTROL	1	LS	\$11,000.00	\$5,500.00	\$12,500.00	\$12,500.00	\$12,500.00
124	Water Bond Funded	SPEC	TEMPORARY SEEDING AND MULCHING	13	SY	\$3.00	\$39.00	\$5.00	\$5.00	\$130.00
125	Water Bond Funded	SPEC	TROLLEY TRACK FOUNDATION RMV'L	1,957	LF	\$5.00	\$9,785.00	\$11.00	\$11.00	\$43,054.00
126	Water Bond Funded	SPEC	BROAD ST RESURFACING - IF AUTHORIZED - SEE GENERAL NOTE 92	3,704	SY	\$20.00	\$74,080.00	\$3.50	\$3.50	\$25,928.00
127	Water Bond Funded	SPEC	RAILROAD PROTECTIVE INSURANCE	1	LS	\$15,000.00	\$15,000.00	\$2,500.00	\$2,500.00	\$5,000.00
			Subtotal:				\$1,127,764.50			\$1,327,377.00
128	Water Bond Funded	CONT	Force Account (25% 79-127):				\$281,941.13			\$331,844.25
			GRAND TOTAL (WATER BOND):				\$1,409,705.63			\$1,659,221.25

GRAND TOTAL (COMBINED):					Total:	\$3,164,801.25	Total:	\$4,380,160.00
% DIFFERENCE FROM ENG'S EST.:								38.40%
% DIFFERENCE W/N LOWEST BIDDER								27.0%
Contract Compliance No.								31-4351261 (3/1/20, MAJ, 6043)

d \$414,800.60).

MBE = 1.3%

WBE = 1.0%

MBE: Lionel Construction	2.8%
WBE: M.S. Trucking	2.3%