



**CITY OF WESTLAKE, OHIO
ORDINANCE NO. 2016-30:**

**AN ORDINANCE ACCEPTING A BID AND
AUTHORIZING THE MAYOR TO ENTER
INTO A CONTRACT WITH MR. EXCAVATOR
FOR THE CANTERBURY AND DETROIT
ROADS INTERSECTION IMPROVEMENT
PROJECT FOR THE CITY OF WESTLAKE,
AND DECLARING AN EMERGENCY.**

WHEREAS, pursuant to authorization of Council and the Charter and Ordinances of the City of Westlake, and after advertisement, the City received four (4) bid proposals for the Canterbury and Detroit Roads Intersection Improvement Project in accordance with the specifications on file in the Office of the Director of Engineering (a copy of the bid tabulation is attached hereto as Exhibit "A"); and

WHEREAS, after careful analysis of the bid proposals received, the Mayor and the Director of Engineering have recommended that Council accept the bid proposal of Mr. Excavator, for said Project; and

WHEREAS, this Council finds and determines that the bid proposal of Mr. Excavator is the lowest and best bid proposal; and

WHEREAS, this Council hereby accepts the bid proposal of Mr. Excavator and rejects all other bid proposals.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF WESTLAKE, COUNTY OF CUYAHOGA AND STATE OF OHIO:

Section 1: That Council accepts the bid proposal of Mr. Excavator, rejects all other bids and further authorizes and directs the Mayor to enter into a Contract with Mr. Excavator for the Canterbury and Detroit Roads Intersection Improvement Project, in accordance with specifications on file in the office of the Director of Engineering.

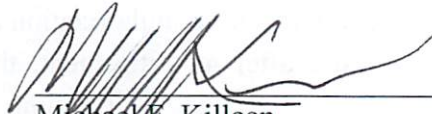
Section 2: That the Director of Finance is hereby authorized and directed to issue warrants of the City of Westlake to Mr. Excavator in an amount not to exceed Three Million Three Hundred Twenty-Five Thousand Five Hundred Eighty-Four Dollars and Nine Cents (\$3,325,584.09), when approved by the Mayor and the Director of Engineering.

CITY OF WESTLAKE, OHIO
ORDINANCE NO. 2016-30
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Section 3: That it is found and determined that all formal actions of this Council concerning and relating to this legislation were adopted in an open meeting of this Council and that all deliberations of this Council and of any of its committees that resulted in such formal action were in meetings open to the public in compliance with all legal requirements including Section 10, Article XI of the Charter of the City of Westlake and Section 121.22 of the Ohio Revised Code.

Section 4: That this legislation is hereby declared to be an emergency measure immediately necessary for the preservation of the public health, safety and welfare, and for the further reason that it is immediately necessary to begin the Canterbury and Detroit Roads Intersection Improvement Project, and further provided it receives the affirmative vote of two-thirds of all members elected to Council, it shall take effect and be in force immediately upon its passage and approval by the Mayor.

Passed: 3/3/16

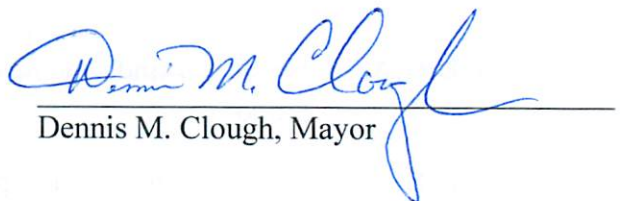

Michael F. Killeen
President of Council

Presented to Mayor: 3/4/16

Approved: 3/4/16

ATTEST:


Denise L. Rosenbaum, Clerk of Council


Dennis M. Clough, Mayor

I, Denise L. Rosenbaum, Clerk of Council of the City of Westlake do hereby certify that Ordinance/Resolution no. 2016-30 adopted 3/3/16 was duly posted on 3/4/16 and remained posted for a period of 15 days thereafter in not less than 2 of the most public places in the City as determined by the Charter of said City.

ORDINANCE NO. 2016-30 EXHIBIT "A"

TABULATION OF BIDS RECEIVED
PROJECT: Canterbury and Detroit Road Intersection Improvements
BID DATE: February 25, 2016
LOCATION: Canterbury and Detroit
ENGINEER'S ESTIMATE \$3,186,204.00

NO.	ITEM NO	DESCRIPTION	UNIT	QUAN	Mr. Enckelwiler		Park Co		Detroit Suburban		Fabrizio Trucking	
					COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST
1	201	CLEARING AND GRUBBING	LS	1	\$	\$8,624.00	\$	\$8,624.00	\$	\$18,000.00	\$	\$18,000.00
2	201	CONCRETE / ASPHALT DRIVE REMOVED	SY	1431	\$	\$8,582.80	\$	\$8,582.80	\$	\$23,611.50	\$	\$23,611.50
3	202	PAVEMENT REMOVED, ASPHALT	SY	4091	\$	\$28,637.00	\$	\$28,637.00	\$	\$73,639.00	\$	\$73,639.00
4	202	CONCRETE BASE REMOVED, AS PER PLAN	SY	6211	\$	\$43,251.30	\$	\$43,251.30	\$	\$88,227.35	\$	\$88,227.35
5	202	WALK REMOVED	SF	20739	\$	\$8,221.70	\$	\$8,221.70	\$	\$33,367.15	\$	\$33,367.15
6	202	CURB REMOVED	FT	2214	\$	\$1,771.20	\$	\$1,771.20	\$	\$7,416.00	\$	\$7,416.00
7	202	MANHOLE REMOVED	EA	8	\$	\$3,247.20	\$	\$3,247.20	\$	\$3,240.00	\$	\$3,240.00
8	202	GUARDRAIL REMOVED	FT	216	\$	\$1,075.00	\$	\$1,075.00	\$	\$1,075.00	\$	\$1,075.00
9	202	PIPE REMOVED, 24" AND UNDER	FT	1163	\$	\$24,689.20	\$	\$24,689.20	\$	\$24,423.00	\$	\$24,423.00
10	202	MAIL BOX REMOVED	EA	7	\$	\$25.00	\$	\$25.00	\$	\$1,155.00	\$	\$1,155.00
11	202	CATCH BASIN REMOVED	EA	11	\$	\$3,119.50	\$	\$3,119.50	\$	\$3,118.50	\$	\$3,118.50
12	202	BUILDING REMOVED	EA	1	\$	\$2,224.00	\$	\$2,224.00	\$	\$5,840.00	\$	\$5,840.00
13	203	EXCAVATION	CY	4974	\$	\$69,135.60	\$	\$69,135.60	\$	\$116,391.50	\$	\$116,391.50
14	203	EMBANKMENT	CY	713	\$	\$4,491.90	\$	\$4,491.90	\$	\$9,375.95	\$	\$9,375.95
15	204	GEOTEXTILE FABRIC FOR SUBGRADE STABILIZATION, AS DIRECTED	SY	12082	\$	\$9,885.60	\$	\$9,885.60	\$	\$30,205.00	\$	\$30,205.00
16	204	EXCAVATION OF SUBGRADE (UNDERCUT), AS DIRECTED	CY	940	\$	\$18,800.00	\$	\$18,800.00	\$	\$35,344.00	\$	\$35,344.00
17	204	SUBGRADE COMPACTION	SY	13731	\$	\$13,731.00	\$	\$13,731.00	\$	\$38,818.80	\$	\$38,818.80
18	204	GRANULAR EMBANKMENT (UNDERCUT), AS DIRECTED	CY	940	\$	\$40,702.00	\$	\$40,702.00	\$	\$41,000.00	\$	\$41,000.00
19	204	PROOF ROLLING	HR	7	\$	\$655.00	\$	\$655.00	\$	\$2,625.00	\$	\$2,625.00
20	265	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT CLASS MS	SY	63	\$	\$10,621.20	\$	\$10,621.20	\$	\$5,450.00	\$	\$5,450.00
21	265	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT CLASS C	SY	63	\$	\$11,628.40	\$	\$11,628.40	\$	\$9,540.00	\$	\$9,540.00
22	606	GUARDRAIL, TYPE S, AS PER PLAN	FT	225	\$	\$9,820.00	\$	\$9,820.00	\$	\$9,325.00	\$	\$9,325.00
23	606	ANCHOR ASSEMBLY, TYPE E	EA	2	\$	\$11,760.00	\$	\$11,760.00	\$	\$11,000.00	\$	\$11,000.00
24	608	4" CONCRETE WALK, AS PER PLAN	SF	23023	\$	\$138,139.00	\$	\$138,139.00	\$	\$118,688.45	\$	\$118,688.45
25	608	CURB RAMP	EA	10	\$	\$18,872.00	\$	\$18,872.00	\$	\$18,860.00	\$	\$18,860.00
26	623	MONUMENT BOX: REFERENCE, REMOVAL AND REPLACE	EA	1	\$	\$374.00	\$	\$374.00	\$	\$1,570.00	\$	\$1,570.00
27	661	GEORGRID FOR SUBGRADE STABILIZATION, AS DIRECTED	SY	1000	\$	\$2,000.00	\$	\$2,000.00	\$	\$2,500.00	\$	\$2,500.00

TABULATION OF BIDS RECEIVED
PROJECT: Canterbury and Detroit Road Intersection Improvements
BID DATE: February 25, 2016
LOCATION: Canterbury and Detroit
ENGINEER'S ESTIMATE \$3,186,204.00

NO.	ITEM NO	DESCRIPTION	UNIT	QUAN	Mr. Excavator			Perk Co			Digiolo Suburban			Federal Trucking		
					COST/UNIT	TOTAL COST		COST/UNIT	TOTAL COST		COST/UNIT	TOTAL COST		COST/UNIT	TOTAL COST	
28	SPEC	MAN BOX SUPPORT SYSTEM, SINGLE	EA	7	\$	\$1,484.00		\$280.00			\$400.00	\$2,600.00		\$160.00	\$1,090.00	
28	SPEC	LANDSCAPE PLANTER	FT	2260	\$	\$73,600.00		23.00			41.00	\$92,260.00		45.00	\$101,280.00	
EROSION CONTROL																
30	603	TOPSOIL, FURNISHED AND PLACED	CY	655	\$	\$24,255.00		38.00			45.00	\$25,425.00		38.00	\$21,470.00	
31	609	SEEDING AND MULCHING	SY	5,084	\$	\$7,117.60		2.00			1.30	\$6,609.20		2.60	\$12,710.00	
32	609	REPAIR SEEDING AND MULCHING	SY	265	\$	\$357.00		2.00			1.30	\$331.60		1.50	\$382.50	
33	832	TEMPORARY SEDIMENT AND EROSION CONTROL	LS	1	\$	\$12,600.00		11,000.00			19,000.00	\$19,000.00		9,600.00	\$9,600.00	
PAVEMENT																
34	264	PAVEMENT PLANING	SY	2079	\$	\$16,218.20		14.50			7.30	\$15,176.70		7.00	\$14,653.00	
35	304	AGGREGATE BASE	CY	2057	\$	\$63,650.50		67.70			48.00	\$94,622.00		65.00	\$113,135.00	
36	305	6" CONCRETE BASE CLASS C	SY	9553	\$	\$846,788.20		69.70			63.25	\$516,419.50		68.00	\$689,464.00	
37	305	6" CONCRETE BASE CLASS MS	SY	1711	\$	\$126,351.60		67.60			67.40	\$98,211.40		76.00	\$128,325.00	
38	407	TRACKLESS TACK COAT	GAL	1000	\$	\$5,600.00		6.60			5.20	\$5,200.00		5.00	\$5,000.00	
39	407	TRACKLESS TACK COAT FOR INTERMEDIATE COURSE	GAL	600	\$	\$2,600.00		9.00			8.20	\$2,600.00		5.00	\$2,500.00	
40	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (443), PG70-22M	CY	553	\$	\$139,359.00		208.00			234.00	\$129,402.00		225.00	\$124,425.00	
41	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (443)	CY	553	\$	\$102,194.40		180.00			171.60	\$94,894.80		165.00	\$81,245.00	
42	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (443), PG64-22 (DRIVEWAYS)	CY	11	\$	\$3,696.00		476.00			312.00	\$5,432.00		300.00	\$3,300.00	
43	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (443) (DRIVEWAYS)	CY	16	\$	\$4,032.00		330.00			209.00	\$3,744.00		200.00	\$3,600.00	
44	451	6" REINFORCED CONCRETE APRON PAVEMENT	SY	370	\$	\$23,495.00		66.70			55.80	\$20,646.00		66.00	\$24,050.00	
45	451	7" REINFORCED CONCRETE APRON PAVEMENT	SY	897	\$	\$65,635.00		59.40			56.70	\$57,693.80		60.00	\$76,800.00	
46	609	CURB, TYPE 2A	FT	46	\$	\$630.20		12.25			10.70	\$492.20		10.00	\$450.00	
47	609	CURB, TYPE 2-B	FT	3920	\$	\$16,660.00		3.60			8.40	\$32,928.00		8.00	\$31,360.00	
48	609	CURB, TYPE 6	FT	337	\$	\$9,488.20		23.76			20.60	\$7,318.60		26.00	\$9,956.00	
49	SPEC	HYBRID INTERLAYER, AS DIRECTED	SY	1000	\$	\$9,600.00		8.60			12.60	\$12,600.00		10.00	\$10,000.00	
DRAINAGE																
50	605	6" BASE PIPE UNDERDRAIN, 707.41 (SDR 35) WITH FILTER FABRIC	FT	4037	\$	\$43,699.60		17.50			9.80	\$39,662.80		10.00	\$40,370.00	
61	605	6" UNCLASSIFIED PIPE UNDERDRAIN	FT	100	\$	\$1,810.00		17.50			14.74	\$1,474.00		10.00	\$1,000.00	
62	611	6" CONDUIT, TYPE B	FT	247	\$	\$4,689.30		18.60			66.80	\$14,693.80		45.00	\$11,115.00	

TABULATION OF BIDS RECEIVED
PROJECT: Canterbury and Detroit Road Intersection Improvements
BID DATE: February 25, 2016
LOCATION: Canterbury and Detroit
ENGINEER'S ESTIMATE \$3,195,204.00

ITEM NO.	DESCRIPTION	UNIT	QUAN	Mr Excavator		Perk Co		Digiola Suburban		Febel Trucking	
				COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST
63	8" CONDUIT, TYPE C	FT	100	\$ 18.00	\$1,800.00	\$ 18.50	\$1,850.00	\$ 33.50	\$3,350.00	\$ 28.00	\$2,800.00
64	8" CONDUIT, TYPE F	FT	100	\$ 18.00	\$1,800.00	\$ 18.50	\$1,850.00	\$ 38.50	\$3,850.00	\$ 20.00	\$2,000.00
65	8" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET	FT	200	\$ 22.70	\$4,540.00	\$ 22.50	\$4,500.00	\$ 38.50	\$7,700.00	\$ 12.00	\$2,400.00
66	8" CONDUIT, TYPE B	FT	108	\$ 27.50	\$2,970.00	\$ 28.70	\$3,100.00	\$ 42.20	\$4,581.60	\$ 70.00	\$7,420.00
67	8" CONDUIT, TYPE C	FT	100	\$ 27.50	\$2,750.00	\$ 28.70	\$2,870.00	\$ 33.50	\$3,350.00	\$ 45.00	\$4,500.00
68	12" CONDUIT, TYPE B	FT	973	\$ 65.00	\$63,245.00	\$ 62.40	\$60,715.20	\$ 145.00	\$141,085.00	\$ 87.00	\$84,651.00
69	16" CONDUIT, TYPE B	FT	132	\$ 68.50	\$9,042.00	\$ 65.60	\$8,659.20	\$ 125.00	\$16,500.00	\$ 78.00	\$10,296.00
70	18" CONDUIT, TYPE B	FT	381	\$ 70.00	\$26,688.00	\$ 67.60	\$25,755.60	\$ 115.00	\$43,616.00	\$ 93.00	\$35,433.00
71	21" CONDUIT, TYPE B	FT	443	\$ 74.50	\$33,133.50	\$ 71.50	\$31,674.50	\$ 162.00	\$71,766.00	\$ 139.00	\$61,677.00
72	24" CONDUIT, TYPE B	FT	50	\$ 78.50	\$3,925.00	\$ 76.30	\$3,815.00	\$ 268.00	\$13,400.00	\$ 166.00	\$8,300.00
73	TWIN CURB INLET, BARRIER CURB	EA	7	\$ 2,681.50	\$18,771.50	\$ 2,558.10	\$17,906.70	\$ 4,855.00	\$33,985.00	\$ 3,600.00	\$25,200.00
74	CURB INLET, BARRIER CURB	EA	9	\$ 1,620.00	\$14,580.00	\$ 1,558.00	\$14,022.00	\$ 2,260.00	\$20,340.00	\$ 2,500.00	\$22,500.00
75	CATCH BASIN, NO. 2-2A	EA	2	\$ 1,248.30	\$2,496.60	\$ 1,200.00	\$2,400.00	\$ 1,600.00	\$3,200.00	\$ 1,300.00	\$2,600.00
76	YARD INLET, MODULAR	EA	5	\$ 1,123.80	\$5,619.00	\$ 1,080.00	\$5,400.00	\$ 900.00	\$4,500.00	\$ 1,600.00	\$7,600.00
77	CATCH BASIN, ADJUSTED TO GRADE	EA	2	\$ 452.00	\$904.00	\$ 425.00	\$850.00	\$ 925.00	\$1,850.00	\$ 1,800.00	\$3,600.00
78	CATCH BASIN, RECONSTRUCTED TO GRADE	EA	1	\$ 689.00	\$689.00	\$ 1,760.00	\$1,760.00	\$ 1,480.00	\$1,480.00	\$ 2,500.00	\$2,500.00
79	PRECAST CONCRETE MANHOLE	EA	6	\$ 2,490.10	\$14,940.60	\$ 2,400.00	\$14,400.00	\$ 4,000.00	\$16,000.00	\$ 3,500.00	\$13,000.00
80	MANHOLE ADJUSTED TO GRADE (STORM AND WATER)	EA	7	\$ 528.10	\$3,696.70	\$ 550.00	\$3,850.00	\$ 644.00	\$4,508.00	\$ 1,200.00	\$1,200.00
81	MISCELLANEOUS: METAL	LBS	2000	\$ 3.50	\$7,000.00	\$ 1.25	\$2,500.00	\$ 1.25	\$2,500.00	\$ 2.00	\$4,000.00
SANITARY SEWER											
72	MANHOLE ADJUSTED TO GRADE	EA	6	\$ 508.90	\$3,053.40	\$ 650.00	\$3,900.00	\$ 650.00	\$3,900.00	\$ 1,400.00	\$1,400.00
73	MANHOLE RECONSTRUCTED TO GRADE	EA	3	\$ 680.90	\$2,042.70	\$ 1,850.00	\$5,550.00	\$ 2,158.00	\$4,674.00	\$ 3,000.00	\$9,000.00
74	ABANDON, MISC.: TEST TEE	EA	6	\$ 919.00	\$5,514.00	\$ 500.00	\$3,000.00	\$ 300.00	\$1,800.00	\$ 100.00	\$600.00
75	STRUCTURE, MISC.: TEST TEE RECONSTRUCTED TO GRADE	EA	4	\$ 975.00	\$3,900.00	\$ 2,000.00	\$8,000.00	\$ 425.00	\$1,700.00	\$ 160.00	\$640.00
76	STRUCTURE, MISC.: TEST TEE ADJUSTED TO GRADE	EA	4	\$ 919.00	\$3,676.00	\$ 850.00	\$3,400.00	\$ 328.00	\$1,312.00	\$ 100.00	\$400.00
77	STRUCTURE, MISC.: TEST TEE	EA	6	\$ 919.00	\$5,514.00	\$ 2,000.00	\$12,000.00	\$ 500.00	\$3,000.00	\$ 300.00	\$1,800.00
78	SANITARY GRADE RING SEALING	VI	128	\$ 59.50	\$7,636.00	\$ 45.50	\$5,824.00	\$ 35.00	\$4,480.00	\$ 45.00	\$5,670.00
79	SANITARY MANHOLE PLUGS	EA	54	\$ 193.00	\$10,422.00	\$ 250.00	\$13,500.00	\$ 18.00	\$972.00	\$ 12.00	\$648.00
80	8" SANITARY CONDUIT, TYPE B, AS DIRECTED	FT	25	\$ 68.60	\$1,715.00	\$ 67.60	\$1,690.00	\$ 102.00	\$2,550.00	\$ 76.00	\$1,876.00

TABULATION OF BIDS RECEIVED
PROJECT: Canterbury and Detroit Road Intersection Improvements
BID DATE: February 25, 2016
LOCATION: Canterbury and Detroit
ENGINEER'S ESTIMATE \$3,188,204.00

NO.	ITEM NO	DESCRIPTION	UNIT	QUAN	Mr Escalator			Perk Co			Orlando Suburban			Federal Trucking		
					COST/UNIT	TOTAL COST		COST/UNIT	TOTAL COST		COST/UNIT	TOTAL COST		COST/UNIT	TOTAL COST	
81	611	8" SANITARY CONDUIT, TYPE C, AS DIRECTED	FT	25	\$	\$742.50		\$	29.00		\$	\$726.00		\$	\$1,700.00	\$1,700.00
WATER WORKS																
82	638	REMOVE EX. FIRE HYDRANT AND VALVE BOX PLUGGED, COMPLETE	EA	6	\$	\$7,694.40		\$	1,240.00		\$	\$7,440.00		\$	\$8,220.00	\$1,500.00
83	638	REMOVE EX. MAINLINE VALVE BOX, COMPLETE	EA	7	\$	\$5,847.10		\$	822.00		\$	\$5,764.00		\$	\$2,310.00	\$700.00
84	638	EX. VALVE BOX ADJUSTED TO GRADE	EA	3	\$	\$450.00		\$	350.00		\$	\$1,090.00		\$	\$1,280.00	\$675.00
85	638	6" WATER MAIN, DIP CL 52 W/ POLY WRAP AND PREMIUM BACKFILL (NON-HYDRANT)	FT	78	\$	\$4,155.40		\$	51.00		\$	\$4,028.00		\$	\$13,035.00	\$9,690.00
86	638	12" WATER MAIN, DIP CL 52 W/ POLY WRAP AND PREMIUM BACKFILL	FT	18.50	\$	\$162,192.00		\$	83.90		\$	\$165,310.00		\$	\$201,849.00	\$225,050.00
87	638	12"-11.5 DEGREE BEND	EA	4	\$	\$1,740.80		\$	416.00		\$	\$1,684.00		\$	\$1,850.00	\$2,200.00
88	638	12"-22.5 DEGREE BEND	EA	6	\$	\$2,665.20		\$	424.30		\$	\$2,646.80		\$	\$2,160.00	\$3,300.00
89	638	12" X 6" TEE (NON-HYDRANT)	EA	2	\$	\$1,044.00		\$	498.00		\$	\$986.00		\$	\$900.00	\$1,000.00
90	638	12" X 12" CROSS	EA	1	\$	\$1,168.10		\$	1,118.00		\$	\$1,116.00		\$	\$900.00	\$850.00
91	638	12" X 12" TEE	EA	1	\$	\$941.00		\$	907.20		\$	\$907.20		\$	\$680.00	\$600.00
92	638	6" X 12" VERTICAL OFFSET, AS DIRECTED	EA	4	\$	\$1,168.60		\$	283.40		\$	\$1,133.60		\$	\$17,000.00	\$2,600.00
93	638	12" PLUS (BULKHEAD EX. WATER MAIN)	EA	6	\$	\$10,202.40		\$	1,672.20		\$	\$10,033.20		\$	\$12,900.00	\$500.00
94	638	CONNECT TO EX. WATERMAIN	EA	3	\$	\$7,109.60		\$	2,351.00		\$	\$7,053.00		\$	\$9,840.00	\$1,800.00
95	638	12" CUT-IN VALVE ASSEMBLY	EA	4	\$	\$20,133.60		\$	4,876.00		\$	\$19,900.00		\$	\$17,350.00	\$24,000.00
96	638	6" GATE VALVE WITH VALVE BOX (NON-HYDRANT), COMPLETE	EA	1	\$	\$1,161.60		\$	1,104.80		\$	\$1,104.80		\$	\$170.00	\$950.00
97	638	12" GATE VALVE WITH VALVE BOX, COMPLETE	EA	6	\$	\$2,695.60		\$	2,584.80		\$	\$12,823.00		\$	\$9,350.00	\$11,500.00
98	638	FURNISHING AND SETTING 6" HYDRANT, COMPLETE	EA	7	\$	\$4,805.40		\$	4,537.80		\$	\$32,454.60		\$	\$27,825.00	\$34,300.00
99	638	TAP & RECONNECT 1" WATER SERVICE CONNECTION, SHORT SIDE, COMPLETE	EA	7	\$	\$7,442.40		\$	1,037.10		\$	\$7,235.70		\$	\$14,980.00	\$13,300.00
100	638	TAP & RECONNECT 1" WATER SERVICE CONNECTION, LONG SIDE, COMPLETE	EA	9	\$	\$16,044.30		\$	1,740.00		\$	\$15,650.00		\$	\$31,850.00	\$35,700.00
101	638	TAP & RECONNECT 2" WATER SERVICE CONNECTION, SHORT SIDE, COMPLETE	EA	2	\$	\$4,248.20		\$	2,028.30		\$	\$4,053.60		\$	\$9,400.00	\$9,800.00
102	638	INSTALL 1" NEW WATER SERVICE CONNECTION, SHORT SIDE, COMPLETE	EA	1	\$	\$1,693.40		\$	1,581.60		\$	\$1,681.60		\$	\$2,650.00	\$2,200.00
103	638	RELOCATE METER VAULT	EA	3	\$	\$5,382.90		\$	1,760.20		\$	\$5,280.80		\$	\$6,610.00	\$7,500.00
104	638	CHLORINATION PIT	EA	2	\$	\$3,272.00		\$	1,573.00		\$	\$3,146.00		\$	\$1,070.00	\$1,300.00
105	638	TEST AND CHLORINATE WATER MAIN	LS	1	\$	\$3,060.00		\$	3,025.00		\$	\$3,025.00		\$	\$7,260.00	\$2,500.00
106	638	FLUSHING ASSEMBLY	EA	2	\$	\$2,681.80		\$	1,240.00		\$	\$2,480.00		\$	\$2,160.00	\$3,000.00
107	638	WATER WORK, MISC.: CLEVELAND WATER DEPARTMENT FEES	LS	1	\$	\$15,000.00		\$	15,000.00		\$	\$15,000.00		\$	\$15,000.00	\$15,000.00
SIGNALIZATION																
109	625	CONDUIT, 2", 725.051	FT	78	\$	\$522.90		\$	6.70		\$	\$522.90		\$	\$1,080.80	\$468.00

TABULATION OF BIDS RECEIVED
PROJECT: Canterbury and Detroit Road Intersection Improvements
BID DATE: February 26, 2016
LOCATION: Canterbury and Detroit
ENGINEER'S ESTIMATE \$3,198,204.00

NO.	ITEM NO	DESCRIPTION	UNIT	QUAN	Mr Excavator			Park Co			Digital Suburban			Federal Trucking		
					COST/UNIT	TOTAL COST		COST/UNIT	TOTAL COST		COST/UNIT	TOTAL COST		COST/UNIT	TOTAL COST	
110	625	CONDUIT, 3", 726.051	FT	128	\$	\$988.40			\$0.00	\$	9.70	\$1,241.60	\$	7.00	\$889.00	
111	625	CONDUIT, 4", 726.051	FT	14	\$	\$141.40	\$	8.00	\$128.00	\$	35.00	\$460.00	\$	9.00	\$128.00	
112	625	CONDUIT, JACKED OR DRILLED, 726.05, 3"	FT	257	\$	\$13,825.60	\$	48.00	\$12,336.00	\$	27.00	\$6,939.00	\$	48.00	\$12,336.00	
113	625	TRENCH	FT	213	\$	\$1,917.00	\$	8.00	\$1,704.00	\$	10.00	\$2,130.00	\$	8.00	\$1,704.00	
114	625	PULL BOX, 726.05, 18", AS PER PLAN	EA	4	\$	\$3,584.00	\$	900.00	\$3,200.00	\$	650.00	\$2,600.00	\$	600.00	\$3,200.00	
115	625	PULL BOX, 726.05, 24" X 36", AS PER PLAN	EA	1	\$	\$1,003.00	\$	900.00	\$900.00	\$	770.00	\$770.00	\$	900.00	\$900.00	
116	625	GROUND ROD	EA	9	\$	\$1,552.40	\$	155.00	\$1,395.00	\$	66.00	\$594.00	\$	155.00	\$1,395.00	
117	625	PLASTIC CAUTION TAPE	FT	213	\$	\$127.80	\$	0.50	\$108.50	\$	0.50	\$108.50	\$	0.50	\$108.50	
118	632	VEHICULAR SIGNAL HEAD, (LED) BLACK, 3-SECTION, 12" LENS, 1-WAY, WITH BACKPLATE, AS PER PLAN	EA	4	\$	\$2,912.00	\$	650.00	\$2,600.00	\$	750.00	\$3,120.00	\$	650.00	\$2,600.00	
119	632	VEHICULAR SIGNAL HEAD, (LED) BLACK, 4-SECTION, 12" LENS, 1-WAY, WITH BACKPLATE, AS PER PLAN	EA	4	\$	\$5,376.00	\$	1,200.00	\$4,800.00	\$	1,250.00	\$5,000.00	\$	1,200.00	\$4,800.00	
120	632	PEDESTRIAN SIGNAL HEAD (LED), (COUNTDOWN), TYPE D2, AS PER PLAN	EA	8	\$	\$4,704.00	\$	575.00	\$4,200.00	\$	410.00	\$3,280.00	\$	525.00	\$4,200.00	
121	632	COVERING OF VEHICULAR SIGNAL HEAD, AS PER PLAN	EA	8	\$	\$358.40	\$	40.00	\$320.00	\$	14.50	\$116.00	\$	40.00	\$320.00	
122	632	PEDESTRIAN PUSHBUTTON, AS PER PLAN	EA	8	\$	\$2,464.00	\$	275.00	\$2,200.00	\$	192.00	\$1,536.00	\$	275.00	\$2,200.00	
123	632	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	FT	1285	\$	\$2,763.00	\$	1.55	\$2,488.75	\$	1.10	\$1,418.00	\$	1.55	\$2,488.75	
124	632	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	FT	827	\$	\$2,087.50	\$	2.25	\$1,860.75	\$	1.25	\$1,035.75	\$	2.25	\$1,860.75	
125	632	SIGNAL SUPPORT FOUNDATION, AS PER PLAN	EA	4	\$	\$15,850.00	\$	3,600.00	\$14,000.00	\$	2,140.00	\$8,560.00	\$	3,600.00	\$14,000.00	
126	632	PEDESTAL FOUNDATION	EA	4	\$	\$3,136.00	\$	700.00	\$2,800.00	\$	676.00	\$2,704.00	\$	700.00	\$2,800.00	
127	632	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG	FT	25	\$	\$85.00	\$	3.00	\$75.00	\$	10.30	\$257.50	\$	3.00	\$75.00	
128	632	POWER SERVICE, AS PER PLAN	EA	1	\$	\$3,136.00	\$	2,600.00	\$2,600.00	\$	1,490.00	\$1,490.00	\$	2,600.00	\$2,600.00	
129	632	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2, AS PER PLAN	EA	1	\$	\$5,040.00	\$	4,500.00	\$4,500.00	\$	5,350.00	\$5,350.00	\$	4,500.00	\$4,500.00	
130	632	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4, AS PER PLAN	EA	3	\$	\$19,488.00	\$	5,800.00	\$17,400.00	\$	7,540.00	\$22,620.00	\$	5,800.00	\$17,400.00	
131	632	PEDESTAL, 6" TRANSFORMER BASE, AS PER PLAN	EA	4	\$	\$4,032.00	\$	900.00	\$3,600.00	\$	690.00	\$2,760.00	\$	900.00	\$3,600.00	
132	632	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	EA	1	\$	\$2,600.00	\$	2,500.00	\$2,500.00	\$	6,650.00	\$6,650.00	\$	2,500.00	\$2,500.00	
133	632	SIGNALIZATION, MISC.: TEST HOLE PERFORMED	EA	4	\$	\$2,240.00	\$	600.00	\$2,000.00	\$	104.00	\$416.00	\$	600.00	\$2,000.00	
134	633	CONTROLLER UNIT, TYPE TS2A1, WITH CABINET, TYPE TS2, AS PER PLAN	EA	1	\$	\$18,256.00	\$	16,300.00	\$16,300.00	\$	19,370.00	\$19,370.00	\$	16,300.00	\$16,300.00	
135	633	CABINET RISER, AS PER PLAN	EA	1	\$	\$1,114.40	\$	995.00	\$995.00	\$	1,102.40	\$1,102.40	\$	995.00	\$995.00	
136	633	CABINET FOUNDATION, AS PER PLAN	EA	1	\$	\$2,600.00	\$	2,600.00	\$2,600.00	\$	1,116.00	\$1,116.00	\$	2,600.00	\$2,600.00	
137	633	PREEMPTION, AS PER PLAN	EA	1	\$	\$2,016.00	\$	1,800.00	\$1,800.00	\$	1,357.20	\$1,357.20	\$	1,800.00	\$1,800.00	
138	633	PREEMPTION RECEIVING UNIT, AS PER PLAN	EA	4	\$	\$3,873.60	\$	920.00	\$3,280.00	\$	806.00	\$3,224.00	\$	920.00	\$3,280.00	

TABULATION OF BIDS RECEIVED
PROJECT: Canterbury and Detroit Road Intersection Improvements
BID DATE: February 25, 2016
LOCATION: Canterbury and Detroit
ENGINEER'S ESTIMATE \$3,188,204.00

NO.	ITEM NO	DESCRIPTION	UNIT	QUAN	Mr Excavator			Perk Co			District Suburban			Fahdel Trucking		
					COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST
139	633	PREEMPTION DETECTOR CABLE	FT	771	\$	\$1,310.70	\$	1.60	\$	\$993.60	\$	0.90	\$	1.50	\$	\$1,158.50
140	633	PREEMPTION PHASE SELECTOR, AS PER PLAN	EA	1	\$	\$5,040.00	\$	4,600.00	\$	\$4,600.00	\$	4,745.00	\$	4,600.00	\$	\$4,600.00
141	633	PREEMPTION CONFIRMATION LIGHT, LED, AS PER PLAN	EA	4	\$	\$9,054.00	\$	1,800.00	\$	\$7,200.00	\$	1,670.00	\$	1,600.00	\$	\$7,200.00
142	633	UNINTERRUPTIBLE POWER SUPPLY (UPS), AS PER PLAN	EA	1	\$	\$8,400.00	\$	7,600.00	\$	\$7,600.00	\$	8,680.00	\$	7,600.00	\$	\$7,600.00
143	633	CONTROLLER, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	EA	1	\$	\$2,600.00	\$	2,600.00	\$	\$2,600.00	\$	1,648.00	\$	2,600.00	\$	\$2,600.00
144	604	FAN-OUT KIT, 6 FIBER	EA	1	\$	\$168.00	\$	160.00	\$	\$160.00	\$	135.20	\$	160.00	\$	\$160.00
145	604	DROP CABLE, 6 FIBER	EA	1	\$	\$168.00	\$	160.00	\$	\$160.00	\$	144.00	\$	160.00	\$	\$160.00
146	604	FIBER OPTIC PATCH CORD, 4 FIBER	EA	1	\$	\$168.00	\$	160.00	\$	\$160.00	\$	160.00	\$	160.00	\$	\$160.00
147	604	TERMINATION PANEL, 6 FIBER	EA	1	\$	\$392.00	\$	350.00	\$	\$350.00	\$	365.00	\$	350.00	\$	\$350.00
148	604	FUSION SPLICE	EA	10	\$	\$14,000.00	\$	125.00	\$	\$1,250.00	\$	182.00	\$	125.00	\$	\$1,250.00
149	604	SPLICE ENCLOSURE	EA	1	\$	\$918.00	\$	650.00	\$	\$650.00	\$	312.00	\$	650.00	\$	\$650.00
150	604	FIBER OPTIC CONNECTOR	EA	6	\$	\$5,040.00	\$	125.00	\$	\$750.00	\$	78.00	\$	125.00	\$	\$750.00
151	604	FIBER OPTIC CABLE MODEM	EA	1	\$	\$2,600.00	\$	2,600.00	\$	\$2,600.00	\$	1,539.00	\$	2,600.00	\$	\$2,600.00
152	604	FIBER OPTIC CABLE, MISC.: FIBER OPTIC INTERCONNECT TO THE CITY WIDE SIGNAL SYSTEM	EA	1	\$	\$1,344.00	\$	1,200.00	\$	\$1,200.00	\$	3,744.00	\$	1,200.00	\$	\$1,200.00
153	609	STOP BAR & ADVANCE RADAR DETECTION	EA	4	\$	\$33,600.00	\$	7,600.00	\$	\$30,800.00	\$	6,700.00	\$	7,600.00	\$	\$30,800.00
154	SPEC	SYSTEM ANALYSIS ALLOWANCE	LS	1	\$	\$6,200.00	\$	6,200.00	\$	\$6,200.00	\$	6,200.00	\$	6,200.00	\$	\$6,200.00
155	SPEC	UPDATE REMOTE MONITORING STATION	LS	1	\$	\$9,000.00	\$	800.00	\$	\$800.00	\$	730.00	\$	800.00	\$	\$800.00
TRAFFIC CONTROL																
156	626	BARRIER REFLECTOR	EA	7	\$	\$1,134.00	\$	8.00	\$	\$56.00	\$	15.00	\$	8.00	\$	\$56.00
157	630	GROUND MOUNTED SUPPORT, NO. 2 POST	FT	88.0	\$	\$1,128.40	\$	6.00	\$	\$528.00	\$	6.70	\$	6.00	\$	\$528.00
158	630	GROUND MOUNTED SUPPORT, NO. 3 POST	FT	179.8	\$	\$2,635.18	\$	8.00	\$	\$1,438.40	\$	6.80	\$	8.00	\$	\$1,438.40
159	630	SGN POST REFLECTOR	EA	1	\$	\$133.60	\$	55.00	\$	\$55.00	\$	67.00	\$	55.00	\$	\$55.00
160	630	SGN HANGER ASSEMBLY, MAINT ARM, AS PER PLAN	EA	8	\$	\$5,485.60	\$	245.00	\$	\$1,960.00	\$	378.80	\$	245.00	\$	\$1,960.00
161	630	SIGN, FLAT SHEET	SF	137.3	\$	\$4,617.17	\$	14.00	\$	\$1,922.20	\$	16.00	\$	14.00	\$	\$1,922.20
162	630	SIGN, FLAT SHEET, AS PER PLAN	SF	42.0	\$	\$2,700.00	\$	22.00	\$	\$924.00	\$	37.00	\$	22.00	\$	\$924.00
163	630	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE, AS PER PLAN	EA	15	\$	\$1,074.00	\$	20.00	\$	\$300.00	\$	43.00	\$	20.00	\$	\$300.00
164	630	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	EA	14	\$	\$854.00	\$	25.00	\$	\$350.00	\$	30.00	\$	25.00	\$	\$350.00
165	630	REMOVAL OF OVERHEAD MOUNTED SIGN AND STORAGE, AS PER PLAN	EA	4	\$	\$785.20	\$	75.00	\$	\$300.00	\$	108.00	\$	75.00	\$	\$300.00
166	630	REMOVAL OF POLE MOUNTED SIGN AND STORAGE, AS PER PLAN	EA	14	\$	\$958.20	\$	25.00	\$	\$350.00	\$	38.00	\$	25.00	\$	\$350.00
167	644	EDGE LINE, 4"	MILE	0.19	\$	\$1,376.76	\$	2,800.00	\$	\$532.00	\$	6,000.00	\$	2,800.00	\$	\$532.00

TABULATION OF BIDS RECEIVED
PROJECT: Canterbury and Detroit Road Intersection Improvements
BID DATE: February 26, 2016
LOCATION: Canterbury and Detroit
ENGINEER'S ESTIMATE \$3,186,204.00

NO.	ITEM NO	DESCRIPTION	UNIT	QUAN	Mr Escavator			Park Co			Digileis suburban			Fabrizi Trucking		
					COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST
168	644	LANE LINE, 4"	MILE	0.26	\$	\$873.60	\$	1,500.00	\$	\$390.00	\$	3,500.00	\$	\$910.00	\$	1,500.00
169	644	CENTER LINE	MILE	0.68	\$	\$10,037.80	\$	6,800.00	\$	\$4,824.00	\$	7,500.00	\$	\$5,100.00	\$	6,800.00
170	644	CHANNELIZING LINE, 8"	FT	939	\$	\$2,910.80	\$	1.25	\$	\$1,173.75	\$	1.70	\$	\$1,659.30	\$	1.25
171	644	STOP LINE	FT	140	\$	\$1,808.00	\$	6.00	\$	\$840.00	\$	6.20	\$	\$888.00	\$	6.00
172	644	CROSSWALK LINE	FT	567	\$	\$3,912.30	\$	3.00	\$	\$1,701.00	\$	3.85	\$	\$2,182.95	\$	3.00
173	644	TRANSVERSE/DIAGONAL LINE	FT	181	\$	\$2,190.10	\$	5.50	\$	\$895.60	\$	5.10	\$	\$923.10	\$	5.50
174	644	LANE ARROW	EA	19	\$	\$4,894.40	\$	103.00	\$	\$1,093.00	\$	93.00	\$	\$1,787.00	\$	103.00
175	644	LANE REDUCTION ARROW	EA	4	\$	\$2,080.80	\$	265.00	\$	\$1,060.00	\$	310.00	\$	\$1,240.00	\$	265.00
MAINTENANCE OF TRAFFIC																
176	410	TRAFFIC COMPACTED SURFACE, TYPE A OR B	CY	75	\$	\$4,350.00	\$	82.00	\$	\$4,650.00	\$	80.00	\$	\$8,000.00	\$	85.00
177	411	STABILIZED CRUSHED AGGREGATE	CY	88	\$	\$4,400.00	\$	82.00	\$	\$5,458.00	\$	103.00	\$	\$9,084.00	\$	85.00
178	614	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	CY	25	\$	\$11,200.00	\$	260.00	\$	\$8,600.00	\$	280.00	\$	\$7,000.00	\$	250.00
179	614	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	HOURL	60	\$	\$4,600.00	\$	65.00	\$	\$3,900.00	\$	73.00	\$	\$4,380.00	\$	70.00
180	SPEC	WORK ZONE TRAFFIC SIGNAL	EA	1	\$	\$25,200.00	\$	22,600.00	\$	\$22,600.00	\$	23,400.00	\$	\$23,400.00	\$	22,600.00
181	614	DETOUR SIGNING	LS	1	\$	\$5,376.00	\$	4,800.00	\$	\$4,800.00	\$	2,800.00	\$	\$2,800.00	\$	4,800.00
182	614	WORK ZONE PAVEMENT MARKINGS	LS	1	\$	\$19,230.40	\$	17,170.00	\$	\$17,170.00	\$	28,000.00	\$	\$28,000.00	\$	17,170.00
183	614	BUSINESS ENTRANCE SIGN, AS PER PLAN.	EA	6	\$	\$1,344.00	\$	200.00	\$	\$1,200.00	\$	330.00	\$	\$1,980.00	\$	200.00
184	616	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B	SY	1134	\$	\$82,215.00	\$	48.00	\$	\$64,432.00	\$	47.00	\$	\$53,238.00	\$	50.00
185	616	ROADS FOR MAINTAINING TRAFFIC	LS	1	\$	\$13,608.00	\$	15,800.00	\$	\$15,800.00	\$	15,800.00	\$	\$15,800.00	\$	20,000.00
186	616	DUST CONTROL	LS	1	\$	\$13,100.00	\$	280.00	\$	\$280.00	\$	4,400.00	\$	\$4,400.00	\$	2,000.00
187	616	WATER	MGAL	100	\$	\$2,120.00	\$	60.00	\$	\$5,000.00	\$	60.00	\$	\$5,000.00	\$	10.00
MISCELLANEOUS																
188	614	MAINTAINING TRAFFIC	LS	1	\$	\$28,872.00	\$	69,800.00	\$	\$69,800.00	\$	49,000.00	\$	\$49,000.00	\$	137,000.00
189	623	CONSTRUCTION LAYOUT STAKES	LS	1	\$	\$3,600.00	\$	20,250.00	\$	\$20,250.00	\$	14,300.00	\$	\$14,300.00	\$	20,000.00
190	624	MOBILIZATION	LS	1	\$	\$120,800.00	\$	121,980.00	\$	\$121,980.00	\$	99,000.00	\$	\$99,000.00	\$	65,000.00
191	690	AS-BUILT CONSTRUCTION PLANS	LS	1	\$	\$7,600.00	\$	5,000.00	\$	\$5,000.00	\$	4,000.00	\$	\$4,000.00	\$	2,000.00
192	SPEC	RELOCATE COMMERCIAL SIGN	EA	3	\$	\$680.00	\$	5,000.00	\$	\$15,000.00	\$	1,500.00	\$	\$4,500.00	\$	1,000.00

TABULATION OF BIDS RECEIVED
 PROJECT: Canterbury and Detroit Road Intersection Improvements
 BID DATE: February 25, 2018
 LOCATION: Canterbury and Detroit
 ENGINEER'S ESTIMATE \$3,188,204.00

NO.	ITEM NO	DESCRIPTION	UNIT	QUAN	Mr Excavator			Perit Co			Digiola Suburban			Fabrizi Trucking		
					COST/UNIT	TOTAL COST		COST/UNIT	TOTAL COST		COST/UNIT	TOTAL COST		COST/UNIT	TOTAL COST	
193	SPEC	RELOCATE SIGN LIGHT	EA	3	\$ 735.00	\$2,205.00		\$ 1,000.00	\$3,000.00		760.00	\$2,280.00		1,000.00	\$3,000.00	
194	SPEC	BONDS & INSURANCE	LS	1	\$ 33,600.00	\$33,600.00		\$30,000.00	\$30,000.00		\$30,000.00	\$30,000.00		\$25,000.00	\$25,000.00	
195	SPEC	FOREMAN	HOUR	400	\$75.00	\$30,000.00		\$75.00	\$30,000.00		\$75.00	\$30,000.00		\$75.00	\$30,000.00	
196	SPEC	OPERATOR	HOUR	400	\$60.00	\$24,000.00		\$60.00	\$24,000.00		\$60.00	\$24,000.00		\$60.00	\$24,000.00	
197	SPEC	LABORER	HOUR	400	\$40.00	\$16,000.00		\$40.00	\$16,000.00		\$40.00	\$16,000.00		\$40.00	\$16,000.00	
198	SPEC	MISC. EQUIPMENT	HOUR	400	\$100.00	\$40,000.00		\$100.00	\$40,000.00		\$100.00	\$40,000.00		\$100.00	\$40,000.00	
						\$3,325,584.00			\$3,435,074.00			\$3,435,702.74			\$3,660,843.75	