

2019 STREET PRESERVATION PROJECT

LONE ELM ROAD

OLATHE, KANSAS

CITY PROJECT NO. 3-P-003-19

BID OPENING 2-21-19

**ENGINEER'S OPINION OF PROBABLE COST
FINAL PLANS**

ITEM DESCRIPTION		QUANTITY	UNITS	UNIT COST	TOTAL COST
ROADWAY CONSTRUCTION					
1	MOBILIZATION	1	LS	\$25,000.00	\$25,000.00
2	CONSTRUCTION STAKING	1	LS	\$5,000.00	\$5,000.00
3	TRAFFIC CONTROL	1	LS	\$30,000.00	\$30,000.00
4	EROSION CONTROL	1	LS	\$10,000.00	\$10,000.00
5	REMOVE EXISTING PAVEMENT	143	SY	\$60.00	\$8,580.00
6	REMOVE EXISTING CONCRETE MEDIAN NOSE	98	SY	\$60.00	\$5,880.00
7	REMOVE EXISTING TYPE "A" CONCRETE CURB & GUTTER	257	LF	\$15.00	\$3,855.00
8	REMOVE EXISTING TYPE "B" CONCRETE CURB & GUTTER	2375	LF	\$15.00	\$35,625.00
9	REMOVE EXISTING TYPE "C" CONCRETE CURB & GUTTER	105	LF	\$15.00	\$1,575.00
10	REMOVE EXISTING TYPE "E" CONCRETE CURB & GUTTER	412	LF	\$15.00	\$6,180.00
11	REMOVE EXISTING 4' CONCRETE SIDEWALK	108	LF	\$8.00	\$864.00
12	REMOVE EXISTING 5' CONCRETE SIDEWALK	8658	LF	\$8.00	\$69,264.00
13	REMOVE EXISTING 6' CONCRETE SIDEWALK	192	LF	\$10.00	\$1,920.00
14	REMOVE 5' TYPE I SIDEWALK RAMP	28	EA	\$650.00	\$18,200.00
15	REMOVE 8' TYPE III SIDEWALK RAMP	1	EA	\$950.00	\$950.00
16	REMOVE 7" COMMERCIAL DRIVE	15	SY	\$65.00	\$975.00
17	REMOVE 6" RESIDENTIAL DRIVE	64	SY	\$60.00	\$3,840.00
18	2" MILLING	43532	SY	\$1.40	\$60,944.80
19	4" MILLING	1466	SY	\$6.50	\$9,529.00
20	2" MODIFIED ASPHALTIC CONCRETE SURFACE (SUPERPAVE)	4906	TON	\$65.00	\$318,890.00
21	4" ASPHALTIC CONCRETE (SUPERPAVE)	358	TON	\$85.00	\$30,430.00
22	INSTALL CONCRETE MEDIAN NOSE	98	SY	\$160.00	\$15,680.00
23	INSTALL 4' CONCRETE SIDEWALK	104	LF	\$30.00	\$3,120.00
24	INSTALL 5' CONCRETE SIDEWALK	745	LF	\$34.00	\$25,330.00
25	INSTALL 8' CONCRETE SHARED USE PATH	7645	LF	\$40.00	\$305,800.00
26	INSTALL 8' INTEGRAL CURB SHARED USE PATH	320	LF	\$55.00	\$17,600.00
27	INSTALL 4" AB-3	1697	TONS	\$22.00	\$37,334.00
28	INSTALL 5' TYPE I SIDEWALK RAMP	16	EA	\$1,300.00	\$20,800.00
29	INSTALL 5' TYPE II SIDEWALK RAMP	2	EA	\$1,800.00	\$3,600.00
30	INSTALL 5' TYPE III SIDEWALK RAMP	1	EA	\$2,000.00	\$2,000.00
31	INSTALL 8' TYPE I SIDEWALK RAMP	16	EA	\$1,800.00	\$28,800.00
32	INSTALL 8' TYPE II SIDEWALK RAMP	1	EA	\$2,200.00	\$2,200.00
33	INSTALL 8' TYPE III SIDEWALK RAMP	1	EA	\$2,500.00	\$2,500.00
34	INSTALL 7" COMMERCIAL DRIVE	15	SY	\$100.00	\$1,500.00
35	INSTALL 6" RESIDENTIAL DRIVE	64	SY	\$80.00	\$5,120.00
36	INSTALL TYPE "A" CONCRETE CURB & GUTTER	257	LF	\$35.00	\$8,995.00
37	INSTALL TYPE "B" CONCRETE CURB & GUTTER	2398	LF	\$30.00	\$71,940.00
38	INSTALL TYPE "C" CONCRETE CURB & GUTTER	82	LF	\$38.00	\$3,116.00
39	INSTALL TYPE "E" CONCRETE CURB & GUTTER	412	LF	\$35.00	\$14,420.00
40	FULL DEPTH ASPHALT (SUPERPAVE)	143	SY	\$120.00	\$17,160.00
41	EXCAVATION AND GRADING	1863	CY	\$10.00	\$18,630.00
42	SODDING	3380	SY	\$7.50	\$25,350.00
43	ADJUST WATER METER/VALVE	7	EA	\$800.00	\$5,600.00
44	MONUMENT BOX	3	EA	\$1,500.00	\$4,500.00
45	40' DOUBLE SWING GATE W/LOCKING ASSEMBLY	1	LS	\$5,000.00	\$5,000.00
46	LIMESTONE BLOCKS (14"X20"X36"-64")	28	TON	\$375.00	\$10,500.00
47	CANNAERTI JUNIPERS (6' MIN.)	8	EA	\$900.00	\$7,200.00

STORM SEWER CONSTRUCTION

48	CURB INLET TOP	3	EA	\$1,750.00	\$5,250.00
49	ADJUST STORM SEWER MANHOLE	2	EA	\$1,000.00	\$2,000.00

TRAFFIC SIGNALS, PAVEMENT MARKINGS AND SIGNAGE

50	OLATHE STREET PRESERVATION SALES TAX SIGN	2	EA	\$150.00	\$300.00
51	INSTALL R3-5R (30"X36")	1	EA	\$1,000.00	\$1,000.00
52	INSTALL W4-2 (36"X36")	1	EA	\$1,000.00	\$1,000.00
53	REMOVE AND RELOCATE STOP SIGN (R1-1) 30"X30"	1	EA	\$750.00	\$750.00
54	6" SOLID WHITE LINE (HPS-8)	3050	LF	\$2.00	\$6,100.00
55	6" SOLID WHITE EDGE LINE (DOUBLE PAINTED)	410	LF	\$1.50	\$615.00
56	6" BROKEN WHITE LANE LINE (HPS-8)	450	LF	\$2.00	\$900.00
57	6" DOTTED EXTENSION LINE (HPS-8)	40	LF	\$5.00	\$200.00
58	4" SOLID YELLOW LINE (HPS-8)	17755	LF	\$1.50	\$26,632.50
59	6" SOLID WHITE X-WALK LINE (HPS-8)	340	LF	\$4.00	\$1,360.00
60	12" SOLID WHITE X-WALK LINE (HPS-8)	150	LF	\$7.00	\$1,050.00
61	12" SOLID WHITE DIAG. LINE (HPS-8)	35	LF	\$7.00	\$245.00
62	12" SOLID YELLOW DIAG. LINE (HPS-8)	295	LF	\$7.00	\$2,065.00
63	24" SOLID WHITE STOP LINE (PRE-FORMED THERMO)	190	LF	\$20.00	\$3,800.00
64	6" SOLID WHITE BIKE LANE LINE (HPS-8)	6350	LF	\$2.00	\$12,700.00
65	LEFT ARROW (PRE-FORMED THERMO)	30	EA	\$220.00	\$6,600.00
66	RIGHT ARROW (PRE-FORMED THERMO)	10	EA	\$220.00	\$2,200.00
67	BIKE LANE (PRE-FORMED THERMO)	29	EA	\$325.00	\$9,425.00
68	TRAFFIC SIGNAL PEDESTAL ALUMINUM (BRUSHED FINISH) (9')	1	EA	\$1,750.00	\$1,750.00
69	PEDESTAL POLE FOUNDATION AND BASE (9')	3	EA	\$1,750.00	\$5,250.00
70	INSTALL 2" SDR9 HDPE CONDUIT	37	LF	\$44.00	\$1,628.00
71	MULTI-CONDUCTOR CABLE NO. 14. AWG 7/C	50	LF	\$3.25	\$162.50
72	MULTI-CONDUCTOR CABLE NO. 14. AWG 2/C	260	LF	\$2.50	\$650.00
73	PEDESTRIAN COUNTDOWN ASSEMBLIES (16")	2	EA	\$1,200.00	\$2,400.00
74	PEDESTRIAN SIGN R10-3E (9"X15")	2	EA	\$325.00	\$650.00
75	ACCESSIBLE PEDESTRIAN PUSH BUTTON ASSEMBLY	2	EA	\$900.00	\$1,800.00
76	PUSH BUTTON BASE SIGN MOUNT (P.N. PBF2-9X15-B)	2	EA	\$400.00	\$800.00
77	GROUND ROD WITH CLAMPS (3/4"X10')	1	EA	\$350.00	\$350.00
78	SIDE OF POLE MOUNTING BRACKET	2	EA	\$325.00	\$650.00
79	INSTALL 6'X50' TRAFFIC DETECTOR LOOP	1	EA	\$2,000.00	\$2,000.00
80	INSTALL 6'X30 TRAFFIC DETECTOR LOOP	2	EA	\$1,500.00	\$3,000.00
81	INSTALL 6'X6' TRAFFIC DETECTOR LOOP	3	EA	\$600.00	\$1,800.00

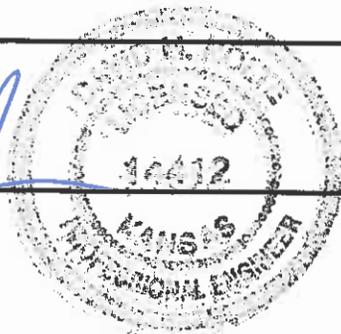
Sub-total \$1,418,379.80

OWNERS CONTINGENCY ALLOWANCE \$55,000.00

Total Project Cost \$1,473,379.80



ENGINEER



2/22/19
DATE