

AFFIDAVIT OF ESTIMATE OF COST

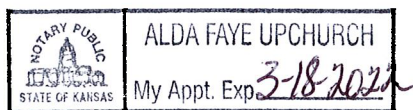
STATE OF KANSAS)
) ss.
 COUNTY OF JOHNSON)

Elizabeth Wright, P.E., of lawful age, being first duly sworn upon her oath,
 states:

1. I am the City Engineer for the City of Olathe, Kansas.
2. The attached detailed estimate of the cost for the 151st Street Arterial Mill and Overlay Project, P.N. 3-P-004-19 is attached and I am providing the estimate of the cost under oath (Exhibit A).


 Elizabeth Wright

Subscribed in my presence and sworn under oath before me this 24th
 day of January, 2019.




 Notary Public

My Appointment Expires

March 18, 2022

2019 STREET PRESERVATION PROJECT

151ST STREET

OLATHE, KANSAS

CITY PROJECT NO. 3-P-004-19

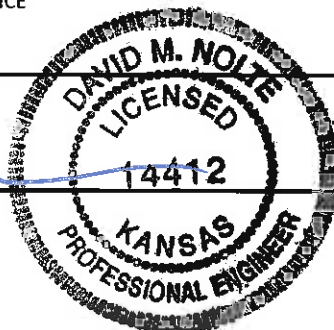
January 23, 2019

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

ITEM DESCRIPTION		QUANTITY	UNITS	UNIT COST	TOTAL COST
CITY OF OLATHE					
1	MOBILIZATION	1	LS	\$60,000.00	\$60,000.00
2	CONSTRUCTION STAKING	1	LS	\$4,000.00	\$4,000.00
3	2" MILLING	40,150	SY	\$1.25	\$50,187.50
4	4" MILLING	330	SY	\$10.00	\$3,300.00
5	REMOVE 6" RESIDENTIAL DRIVEWAY	27	SY	\$40.00	\$1,080.00
6	REMOVE EXISTING TYPE "A" CONCRETE CURB & GUTTER	9	LF	\$15.00	\$135.00
7	REMOVE EXISTING TYPE "B" CONCRETE CURB & GUTTER	708	LF	\$12.00	\$8,496.00
8	REMOVE EXISTING TYPE "E" CONCRETE CURB & GUTTER	137	LF	\$12.00	\$1,644.00
9	REMOVE EXISTING CONCRETE MEDIAN NOSE	18	SY	\$55.00	\$990.00
10	REMOVE EXISTING 4' CONCRETE SIDEWALK	37	LF	\$9.00	\$333.00
11	REMOVE EXISTING 5' CONCRETE SIDEWALK	247	LF	\$10.00	\$2,470.00
12	REMOVE EXISTING 8' CONCRETE SHARED USE PATH	250	LF	\$12.00	\$3,000.00
13	REMOVE EXISTING 10' CONCRETE SHARED USE PATH	17	LF	\$14.00	\$238.00
14	REMOVE 4' TYPE I SIDEWALK RAMP	1	EA	\$400.00	\$400.00
15	REMOVE 5' TYPE I SIDEWALK RAMP	1	EA	\$400.00	\$400.00
16	REMOVE 8' TYPE I SIDEWALK RAMP	3	EA	\$500.00	\$1,500.00
17	REMOVE 8' TYPE II SIDEWALK RAMP	1	EA	\$500.00	\$500.00
18	REMOVE 10' TYPE II SIDEWALK RAMP	1	EA	\$550.00	\$550.00
19	2" MODIFIED ASPHALTIC CONCRETE SURFACE (SUPERPAVE)	4,530	TON	\$75.00	\$339,750.00
20	4" ASPHALTIC CONCRETE (SUPERPAVE)	80	TON	\$100.00	\$8,000.00
21	FULL DEPTH CONCRETE STREET PATCH	12	SY	\$100.00	\$1,200.00
22	INSTALL 6" CONCRETE RESIDENTIAL DRIVE	27	SY	\$80.00	\$2,160.00
23	INSTALL TYPE "A" CONCRETE CURB & GUTTER	9	LF	\$22.00	\$198.00
24	INSTALL TYPE "B" CONCRETE CURB & GUTTER	707	LF	\$22.00	\$15,554.00
25	INSTALL TYPE "E" CONCRETE CURB & GUTTER	109	LF	\$22.00	\$2,398.00
26	INSTALL CONCRETE MEDIAN NOSE	10	SY	\$125.00	\$1,250.00
27	INSTALL 4' CONCRETE SIDEWALK	23	LF	\$24.00	\$552.00
28	INSTALL 5' CONCRETE SIDEWALK	262	LF	\$25.00	\$6,550.00
29	INSTALL 8' CONCRETE SHARED USE PATH	250	LF	\$34.00	\$8,500.00
30	INSTALL 10' CONCRETE SHARED USE PATH	17	LF	\$40.00	\$680.00
31	INSTALL 5' TYPE I SIDEWALK RAMP	3	EA	\$1,300.00	\$3,900.00
32	INSTALL 8' TYPE I SIDEWALK RAMP	3	EA	\$1,800.00	\$5,400.00
33	INSTALL 5' TYPE II SIDEWALK RAMP	1	EA	\$1,500.00	\$1,500.00
34	INSTALL 8' TYPE II SIDEWALK RAMP	1	EA	\$1,800.00	\$1,800.00
35	INSTALL 10' TYPE II SIDEWALK RAMP	1	EA	\$2,000.00	\$2,000.00
36	ADJUST WATER METER/VALVE	2	EA	\$350.00	\$700.00
37	SOD	148	SY	\$7.50	\$1,110.00
38	MONUMENT BOX	3	EA	\$1,000.00	\$3,000.00
TRAFFIC SIGNALS, PAVEMENT MARKINGS AND SIGNAGE					
39	OLATHE STREET PRESERVATION SALES TAX SIGN	2	EA	\$250.00	\$500.00
40	TRAFFIC CONTROL	1	LS	\$35,000.00	\$35,000.00
41	TRACER WIRE 14 AWG	562	LF	\$2.50	\$1,405.00
42	INSTALL ADVANCED RADAR (LABOR ONLY)	1	LS	\$4,000.00	\$4,000.00
43	S-705-1000, HOME RUN CABLE	100	LF	\$5.00	\$500.00
44	INSTALL 6' X 30' TRAFFIC DETECTOR LOOP	7	EA	\$1,200.00	\$8,400.00
45	INSTALL 6' X 6' TRAFFIC DETECTOR LOOP	21	EA	\$550.00	\$11,550.00
46	INSTALL MULTI-CONDUCTOR CABLE NO. 14 AWG 7/C	948	LF	\$3.25	\$3,081.00
47	INSTALL MULTI-CONDUCTOR CABLE NO. 14 AWG 2/C	1,070	LF	\$3.25	\$3,472.50
48	INSTALL 2" HDPE (SDR 9) CONDUIT	562	LF	\$44.00	\$24,728.00
49	REMOVAL OF EXISTING PUSH BUTTON EQUIPMENT	3	EA	\$500.00	\$1,500.00

50	INSTALL PEDESTRIAN PUSH BUTTON PEDESTAL BRUSHED ALUMINUM (64")	2	EA	\$1,000.00	\$2,000.00
51	INSTALL PUSH BUTTON PEDESTAL POLE FOUNDATION AND BASE	2	EA	\$1,500.00	\$3,000.00
52	INSTALL ACCESSIBLE PEDESTRIAN PUSH BUTTON ASSEMBLY	4	EA	\$1,200.00	\$4,800.00
53	INSTALL ACCESSIBLE PEDESTRIAN PUSH BUTTON ASSEMBLY ON EXIST SIGNAL POLE	1	EA	\$2,000.00	\$2,000.00
54	INSTALL PEDESTRIAN SINGLE FACE LED COUNTDOWN ASSEMBLY (16")	5	EA	\$3,000.00	\$15,000.00
55	PEDESTRIAN SIGN R10-3E (9"X15")	5	EA	\$400.00	\$2,000.00
56	PUSH BUTTON BASE SIGN MOUNT (P.N. PBF2-9X15-B)	5	EA	\$700.00	\$3,500.00
57	INSTALL SIDE OF POLE MOUNTING BRACKET	2	EA	\$750.00	\$1,500.00
58	INSTALL GROUND ROD AND CLAMPS (3/4"X10')	2	EA	\$500.00	\$1,000.00
59	6" SOLID WHITE EDGE LINE (DOUBLE PAINTED)	1,002	LF	\$2.50	\$2,505.00
60	4" SOLID WHITE LANE LINE (HPS-8)	2,324	LF	\$1.50	\$3,486.00
61	6" SOLID WHITE LANE LINE (HPS-8)	1,898	LF	\$2.25	\$4,270.50
62	4" WHITE LANE EXTENSION LINE (HPS-8)	139	LF	\$1.50	\$208.50
63	6" BROKEN WHITE LANE LINE (HPS-8)	2,372	LF	\$2.50	\$5,930.00
64	4" SOLID YELLOW LINE (HPS-8)	2,008	LF	\$2.50	\$5,020.00
65	6" SOLID WHITE X-WALK LINE (HPS-8)	1,152	LF	\$4.00	\$4,608.00
66	12" SOLID YELLOW DIAG. LINE (HPS-8)	114	LF	\$7.00	\$798.00
67	24" SOLID WHITE STOP LINE (PRE-FORMED THERMO)	224	LF	\$15.00	\$3,360.00
68	12" WHITE DIAGONAL LINE (HPS-8)	208	LF	\$7.00	\$1,456.00
69	LEFT ARROW (PRE-FORMED THERMO)	28	EA	\$200.00	\$5,600.00
70	RIGHT ARROW (PRE-FORMED THERMO)	7	EA	\$200.00	\$1,400.00
Sub Total for City of Olathe					\$713,009.00
CITY OF OVERLAND PARK					
71	2" MILLING	12,690	SY	\$1.25	\$15,862.50
72	REMOVE EXISTING TYPE "A" CONCRTE CURB & GUTTER	39	LF	\$15.00	\$585.00
73	REMOVE EXISTING TYPE "B" CONCRTE CURB & GUTTER	448	LF	\$12.00	\$5,376.00
74	REMOVE EXISTING TYPE "E" CONCRTE CURB & GUTTER	15	LF	\$12.00	\$180.00
75	REMOVE EXISTING 5' CONCRETE SIDEWALK	70	LF	\$10.00	\$700.00
76	REMOVE EXISTING 10' CONCRETE SHARED USE PATH	13	LF	\$14.00	\$182.00
77	REMOVE EXISTING 5' TYPE I ADA SIDEWALK RAMP	4	EA	\$400.00	\$1,600.00
78	REMOVE EXISTING 5' TYPE II ADA SIDEWALK RAMP	1	EA	\$400.00	\$400.00
79	REMOVE EXISTING 10' TYPE II ADA SIDEWALK RAMP	1	EA	\$550.00	\$550.00
80	2" MODIFIED ASPHALTIC CONCRETE SURFACE (SUPERPAVE)	1,440	TON	\$75.00	\$108,000.00
81	INSTALL TYPE "A" CONCRETE CURB & GUTTER	39	LF	\$22.00	\$858.00
82	INSTALL TYPE "B" CONCRETE CURB & GUTTER	448	LF	\$22.00	\$9,856.00
83	INSTALL TYPE "E" CONCRETE CURB & GUTTER	15	LF	\$22.00	\$330.00
84	INSTALL 5' CONCRETE SIDEWALK	70	LF	\$25.00	\$1,750.00
85	INSTALL 10' CONCRETE SHARED USE PATH	13	LF	\$40.00	\$520.00
86	INSTALL 5' TYPE I ADA SIDEWALK RAMP	4	EA	\$1,300.00	\$5,200.00
87	INSTALL 5' TYPE II ADA SIDEWALK RAMP	1	EA	\$1,500.00	\$1,500.00
88	INSTALL 10' TYPE II ADA SIDEWALK RAMP	1	EA	\$2,000.00	\$2,000.00
TRAFFIC					
89	4" SOLID WHITE LANE LINE (HPS-8)	1,637	LF	\$1.50	\$2,455.50
90	6" SOLID WHITE LANE LINE (HPS-8)	461	LF	\$2.50	\$1,152.50
91	6" BROKEN WHITE LANE LINE (HPS-8)	624	LF	\$2.50	\$1,560.00
92	6" SOLID WHITE X-WALK LINE (HPS-8)	397	LF	\$4.00	\$1,588.00
93	12" WHITE DIAGONAL LINE (HPS-8)	91	LF	\$7.00	\$637.00
94	24" SOLID WHITE STOP LINE (PRE-FORMED THERMO)	85	LF	\$15.00	\$1,275.00
95	LEFT ARROW (PRE-FORMED THERMO)	8	EA	\$200.00	\$1,600.00
96	RIGHT ARROW (PRE-FORMED THERMO)	3	EA	\$200.00	\$600.00
Sub Total for City of Overland Park					\$166,317.50
OWNERS CONTINGENCY ALLOWANCE					\$35,000.00
Total Project Cost					\$914,326.50

Engineer



Date

1/23/19