

AFFIDAVIT OF ESTIMATE OF COST

STATE OF KANSAS)
) ss.
COUNTY OF JOHNSON)

Beth 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 Ridgeview, 143rd to 151st, Improvements Project, PN 3-C-058-19, is attached and I am providing the estimate of the cost under oath (Exhibit A).

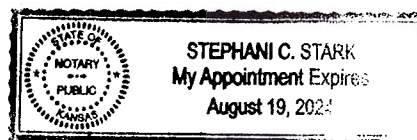
Beth Wright
Beth Wright, Deputy Director

Subscribed in my presence and sworn under oath before me this 4th
day of February, 2021.

Stephani C Stark
Notary Public

My Appointment Expires

August 19, 2024



City of Olathe, Kansas

Ridgeview, 143rd St. to 151st St.

City P.N. 3-C-058-19, CARS Proj. No. 320001342

Engineer's Opinion of Probable Costs

Final Check Estimate



TranSystems

1/4/2021

Item No:	DESCRIPTION	Approx. Quantity	Unit	Unit Price	Extension
1	MOBILIZATION	1	L.S.	\$ 350,000.00	\$ 350,000.00
2	CONTRACTOR CONSTRUCTION STAKING	1	L.S.	\$ 100,000.00	\$ 100,000.00
3	PROJECT SIGN	2	EACH	\$ 700.00	\$ 1,400.00
4	REMOVALS	1	L.S.	\$ 850,000.00	\$ 850,000.00
5	HOUSE DEMOLITION (1272 E. FRONTIER LN.)	1	L.S.	\$ 50,000.00	\$ 50,000.00
6	EXCAVATION AND GRADING	18,297	C.Y.	\$ 40.00	\$ 731,880.00
7	INSTALL MONUMENT BOX	2	EACH	\$ 2,000.00	\$ 4,000.00
8	ADJUST EXISTING SANITARY MANHOLE	3	EACH	\$ 2,000.00	\$ 6,000.00
9	OWNER'S CONTINGENCY ALLOWANCE (SET AT \$200,000.00)	1	L.S.	\$ 200,000.00	\$ 200,000.00
10	2" ASPHALTIC SURFACE (MODIFIED SUPERPAVE)	3,970	TONS	\$ 75.00	\$ 297,750.00
11	4" ASPHALTIC BASE (MODIFIED SUPERPAVE)	76	TONS	\$ 75.00	\$ 5,700.00
12	6" ASPHALTIC BASE (MODIFIED SUPERPAVE)	2,265	TONS	\$ 75.00	\$ 169,875.00
13	8" ASPHALTIC BASE (MODIFIED SUPERPAVE)	924	TONS	\$ 75.00	\$ 69,300.00
14	10" ASPHALTIC BASE (MODIFIED SUPERPAVE)	18,200	TONS	\$ 75.00	\$ 1,365,000.00
15	10" CONCRETE BASE	132	S.Y.	\$ 80.00	\$ 10,560.00
16	9" CONCRETE PAVEMENT (STAMPED) (COLORED)	853	S.Y.	\$ 100.00	\$ 85,300.00
17	6" CONCRETE MEDIAN PAVEMENT (STAMPED) (COLORED)	1,386	S.Y.	\$ 70.00	\$ 97,020.00
18	9" CONCRETE PAVEMENT	30	S.Y.	\$ 90.00	\$ 2,700.00
19	9" CONCRETE PAVEMENT (DEPRESSED SIDEWALK CROSSING)	129	S.Y.	\$ 90.00	\$ 11,610.00
20	INSTALL BRICK PAVER STONE	36	S.F.	\$ 50.00	\$ 1,800.00
21	6" AGGREGATE BASE COURSE (MODIFIED AB-3)	44,383	S.Y.	\$ 9.40	\$ 417,200.20
22	TYPE "B" CURB & GUTTER	14,495	L.F.	\$ 19.00	\$ 275,405.00
23	TYPE "C" CURB	23	L.F.	\$ 50.00	\$ 1,150.00
24	DOWELED ON CURB	2,428	L.F.	\$ 22.00	\$ 53,416.00
25	TYPE "E" CURB & GUTTER	794	L.F.	\$ 25.00	\$ 19,850.00
26	TYPE "R" CURB	305	L.F.	\$ 30.00	\$ 9,150.00
27	6" RESIDENTIAL CONCRETE DRIVE	1,216	S.Y.	\$ 60.00	\$ 72,960.00
28	7" COMMERCIAL CONCRETE DRIVE	994	S.Y.	\$ 70.00	\$ 69,580.00
29	MEDIAN NOSE	4	EACH	\$ 1,500.00	\$ 6,000.00
30	4" CONCRETE SIDEWALK	74,407	S.F.	\$ 4.60	\$ 342,272.20
31	TYPE 1 SIDEWALK RAMP	47	EACH	\$ 1,400.00	\$ 65,800.00
32	INSTALL 6" PIPE UNDERDRAIN	245	L.F.	\$ 60.00	\$ 14,700.00
33	INSTALL 6" OUTLET PIPE	98	L.F.	\$ 60.00	\$ 5,880.00
34	INSTALL CONCRETE STEPS AND MODIFY WALL	1	L.S.	\$ 9,000.00	\$ 9,000.00
35	COMBINED SIDEWALK RETAINING WALL	121	S.F.	\$ 60.00	\$ 7,260.00
36	MODULAR BLOCK RETAINING WALL	2,828	S.F.	\$ 80.00	\$ 226,240.00
37	HANDRAIL	327	L.F.	\$ 120.00	\$ 39,240.00
38	REPLACE FENCE (WOOD)	358	L.F.	\$ 40.00	\$ 14,320.00
39	SODDING	23,285	S.Y.	\$ 6.00	\$ 139,710.00
40	EROSION CONTROL	1	L.S.	\$ 124,000.00	\$ 124,000.00
41	STORM SEWER (15")(R.C.P.)	1,915	L.F.	\$ 100.00	\$ 191,500.00
42	STORM SEWER (18")(R.C.P.)	667	L.F.	\$ 120.00	\$ 80,040.00
43	STORM SEWER (24")(R.C.P.)	1,041	L.F.	\$ 150.00	\$ 156,150.00
44	STORM SEWER (30")(R.C.P.)	1,449	L.F.	\$ 170.00	\$ 246,330.00
45	STORM SEWER (36")(R.C.P.)	487	L.F.	\$ 190.00	\$ 92,530.00
46	STORM SEWER (42")(R.C.P.)	384	L.F.	\$ 210.00	\$ 80,640.00
47	STORM SEWER HEADWALL	1	L.S.	\$ 6,000.00	\$ 6,000.00
48	CURB INLET (4'X4')(STANDARD)	1	EACH	\$ 5,500.00	\$ 5,500.00
49	CURB INLET (6'X3')(STANDARD)	18	EACH	\$ 6,500.00	\$ 117,000.00
50	CURB INLET (6'X4')(STANDARD)	17	EACH	\$ 6,500.00	\$ 110,500.00
51	CURB INLET (6'X5')(STANDARD)	2	EACH	\$ 6,500.00	\$ 13,000.00
52	CURB INLET (8'X4')(STANDARD)	5	EACH	\$ 7,000.00	\$ 35,000.00
53	CURB INLET (8'X5')(STANDARD)	1	EACH	\$ 7,000.00	\$ 7,000.00
54	CURB INLET (12'X4')(SPECIAL)	2	EACH	\$ 8,000.00	\$ 16,000.00
55	AREA INLET (4'X4')(STANDARD)	1	EACH	\$ 7,000.00	\$ 7,000.00
56	JUNCTION BOX (4' DIA.)(PRECAST)	1	EACH	\$ 4,500.00	\$ 4,500.00
57	JUNCTION BOX (5' DIA.)(PRECAST)	1	EACH	\$ 5,000.00	\$ 5,000.00
58	JUNCTION BOX (5'X4')(STANDARD)	2	EACH	\$ 6,000.00	\$ 12,000.00
59	JUNCTION BOX (5'X5')(STANDARD)	1	EACH	\$ 6,000.00	\$ 6,000.00
60	ADJUST INLET TOP	2	EACH	\$ 2,000.00	\$ 4,000.00
61	ADJUST JUNCTION BOX	1	EACH	\$ 7,000.00	\$ 7,000.00
62	STONE RIPRAP	47	S.Y.	\$ 110.00	\$ 5,170.00
63	LAWN SPRINKLER SYSTEM MODIFICATIONS (TRACT 9)	1	L.S.	\$ 10,000.00	\$ 10,000.00
64	LAWN SPRINKLER SYSTEM MODIFICATIONS (TRACT 28)	1	L.S.	\$ 3,000.00	\$ 3,000.00
65	LAWN SPRINKLER SYSTEM MODIFICATIONS (TRACT 30)	1	L.S.	\$ 3,000.00	\$ 3,000.00
66	LAWN SPRINKLER SYSTEM MODIFICATIONS (TRACT 61)	1	L.S.	\$ 3,000.00	\$ 3,000.00
67	LAWN SPRINKLER SYSTEM MODIFICATIONS (TRACT 63)	1	L.S.	\$ 3,000.00	\$ 3,000.00
ROADWAY SUBTOTAL					\$ 7,552,888.40
68	WATER SERVICE LINES	476	L.F.	\$ 30.00	\$ 14,280.00
69	SERVICE RECONNECTION	15	EACH	\$ 370.00	\$ 5,550.00
70	RELOCATE METER PIT	4	EACH	\$ 500.00	\$ 2,000.00
71	12" WATER MAIN (DIP)	4,648	L.F.	\$ 130.00	\$ 604,240.00
72	8" WATER MAIN (DIP)	1,086	L.F.	\$ 138.00	\$ 149,868.00
73	6" WATER MAIN (DIP)	296	L.F.	\$ 128.00	\$ 37,888.00
74	PIPING CONNECTION (TEMPORARY & PERMANENT)	33	EACH	\$ 1,050.00	\$ 34,650.00
75	12" GATE VALVE	11	EACH	\$ 1,050.00	\$ 11,550.00
76	8" GATE VALVE	9	EACH	\$ 820.00	\$ 7,380.00

City of Olathe, Kansas



Ridgeview, 143rd St. to 151st St.

City P.N. 3-C-058-19, CARS Proj. No. 320001342

Engineer's Opinion of Probable Costs

Final Check Estimate

1/4/2021

Item No:	DESCRIPTION	Approx. Quantity	Unit	Unit Price	Extension
77	6" GATE VALVE	2	EACH	\$ 660.00	\$ 1,320.00
78	FIRE HYDRANT ASSEMBLY	12	EACH	\$ 2,700.00	\$ 32,400.00
79	STRADDLE BLOCK	15	EACH	\$ 540.00	\$ 8,100.00
80	SEWER CROSSING	2	EACH	\$ 1,600.00	\$ 3,200.00
81	IRRIGATION WATER AND ELECTRICAL SERVICE	1	L.S.	\$ 16,000.00	\$ 16,000.00
				WATER SUBTOTAL	\$ 928,426.00
82	TRAFFIC CONTROL	1	L.S.	\$ 90,000.00	\$ 90,000.00
83	TRAFFIC SIGNAL MODIFICATION (RIDGEVIEW ROAD AND GARMIN SOUTH DRIVE)	1	EACH	\$ 25,000.00	\$ 25,000.00
84	PERMANENT SIGNING	108	EACH	\$ 250.00	\$ 27,000.00
85	4" SOLID YELLOW LINE (HPS-8)	6,628	L.F.	\$ 2.00	\$ 13,256.00
86	4" SOLID YELLOW DOUBLE LINE (HPS-8)	2,306	L.F.	\$ 2.00	\$ 4,612.00
87	4" BROKEN YELLOW LINE (HPS-8)	1,572	L.F.	\$ 2.00	\$ 3,144.00
88	6" SOLID WHITE LANE LINE (HPS-8)	9,275	L.F.	\$ 2.50	\$ 23,187.50
89	6" BROKEN WHITE LANE LINE (HPS-8)	252	L.F.	\$ 2.50	\$ 630.00
90	6" SOLID WHITE CROSSWALK LINE (PREFORMED THERMOPLASTIC)	1,097	L.F.	\$ 10.00	\$ 10,970.00
91	6" DOTTED WHITE EXTENSION LINE (HPS-8 OR PREFORMED THERMOPLASTIC)	154	L.F.	\$ 2.50	\$ 385.00
92	6" DOTTED WHITE LANE DROP LINE (HPS-8)	30	L.F.	\$ 2.50	\$ 75.00
93	8" DOTTED WHITE EXTENSION LINE (HPS-8 OR PREFORMED THERMOPLASTIC)	177	L.F.	\$ 3.00	\$ 531.00
94	12" SOLID WHITE CROSSWALK LINE (PREFORMED THERMOPLASTIC)	96	L.F.	\$ 12.00	\$ 1,152.00
95	12" SOLID WHITE CHEVRON (PREFORMED THERMOPLASTIC)	109	L.F.	\$ 12.00	\$ 1,308.00
96	12" SOLID YELLOW DIAGONAL LINE (PREFORMED THERMOPLASTIC)	116	L.F.	\$ 12.00	\$ 1,392.00
97	24" SOLID WHITE STOP LINE (PREFORMED THERMOPLASTIC)	153	L.F.	\$ 25.00	\$ 3,825.00
98	LEFT/RIGHT ARROW SYMBOL (PREFORMED THERMOPLASTIC)	39	EACH	\$ 250.00	\$ 9,750.00
99	STRAIGHT ARROW SYMBOL (PREFORMED THERMOPLASTIC)	1	EACH	\$ 250.00	\$ 250.00
100	THRU-LEFT/THRU-RIGHT ARROW SYMBOL (PREFORMED THERMOPLASTIC)	9	EACH	\$ 500.00	\$ 4,500.00
101	ONLY SYMBOL (PREFORMED THERMOPLASTIC)	2	EACH	\$ 350.00	\$ 700.00
102	STREET LIGHTING	1	L.S.	\$ 405,000.00	\$ 405,000.00
				TRAFFIC SUBTOTAL	\$ 626,667.50
				CONSTRUCTION SUBTOTAL	\$ 9,107,981.90