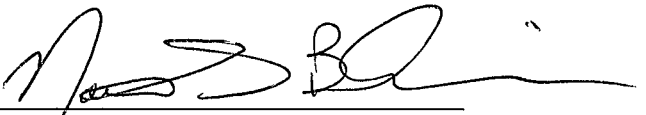


AFFIDAVIT OF ESTIMATE OF COST

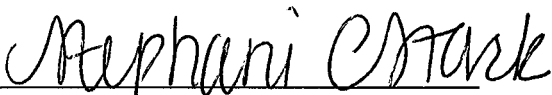
STATE OF KANSAS)
) ss.
COUNTY OF JOHNSON)

Nathan Baldwin, P.E., of lawful age, being first duly sworn upon his oath,
states:

1. I am the City Engineer for the City of Olathe, Kansas.
2. The attached detailed estimate of the cost for the South Hamilton Circle Improvements Project Phase 1, PN 3-R-001-24 and South Hamilton Waterline Rehabilitation Project, PN 5-R-001-24 is attached and I am providing the estimate of the cost under oath (Exhibit A).


Nathan Baldwin

Subscribed in my presence and sworn under oath before me this 4th
day of March, 2024.


Notary Public

My Appointment Expires
August 19, 2024



Bid Opinion of Probable Construction Cost
South Hamilton Circle Improvement Project (2024)
City of Olathe, Kansas



Project No. 3-R-001-24
South Hamilton Circle Improvement Project
South Hamilton (Sta. 103+16.32 to Sta. 115+77.44)

3/1/2024

Item No.	Item Description	Unit	Quantity	Unit Price	Total
Summary of Roadway Bid Items (Project No. 3-R-001-24)					
1	Mobilization	Lump Sum	1	\$ 100,000.00	\$ 100,000.00
2	Removal of Improvements	Lump Sum	1	\$ 150,000.00	\$ 150,000.00
3	Linear Grading	Lin. Ft.	1,251	\$ 60.00	\$ 75,060.00
4	Asphaltic Concrete Surface (2") (Superpave)	Sq. Yd.	5,924	\$ 12.00	\$ 71,088.00
5	Asphaltic Concrete Base (4") (Superpave)	Sq. Yd.	726	\$ 25.00	\$ 18,150.00
6	Asphaltic Concrete Base (8") (Superpave)	Sq. Yd.	5,924	\$ 50.00	\$ 296,200.00
7	Temporary Surfacing Material (2") (AB-3 Modified)	Sq. Yd.	989	\$ 6.00	\$ 5,934.00
8	Aggregate Base Course (8") (AB-3 Modified)	Sq. Yd.	6,677	\$ 13.00	\$ 86,801.00
9	Cement Treated Base (9")	Sq. Yd.	6,872	\$ 15.00	\$ 103,080.00
10	Geogrid	Sq. Yd.	6,872	\$ 7.00	\$ 48,104.00
11	Pavement Milling (2")	Sq. Yd.	69	\$ 60.00	\$ 4,140.00
12	Concrete Curb & Gutter (Type B)	Lin. Ft.	2,389	\$ 25.00	\$ 59,725.00
13	Concrete Curb & Gutter (Type C)	Lin. Ft.	874	\$ 28.00	\$ 24,472.00
14	Concrete Curb & Gutter (KDOT Type I)	Lin. Ft.	101	\$ 38.00	\$ 3,838.00
15	Concrete Sidewalk Curb (EST)	Lin. Ft.	100	\$ 32.00	\$ 3,200.00
16	Concrete Sidewalk (4")	Sq. Yd.	808	\$ 58.00	\$ 46,864.00
17	Concrete Sidewalk (6")	Sq. Yd.	78	\$ 150.00	\$ 11,700.00
18	Asphaltic Concrete Sidewalk (6")	Sq. Yd.	9	\$ 300.00	\$ 2,700.00
19	Detectable Warning Surface	Sq. Ft.	20	\$ 50.00	\$ 1,000.00
20	Sidewalk Ramp (Type I)	Each	3	\$ 2,500.00	\$ 7,500.00
21	Sidewalk Ramp (Type II)	Each	1	\$ 3,500.00	\$ 3,500.00
22	Stamped Concrete (6")	Sq. Yd.	19	\$ 200.00	\$ 3,800.00
23	Concrete Apron (6")	Sq. Yd.	78	\$ 100.00	\$ 7,800.00
24	Concrete Drive (7") (Commercial)	Sq. Yd.	989	\$ 75.00	\$ 74,175.00
25	Storm Sewer (15") (RCP)	Lin. Ft.	109	\$ 165.00	\$ 17,985.00
26	Storm Sewer (30") (RCP)	Lin. Ft.	90	\$ 195.00	\$ 17,550.00
27	Storm Sewer (36") (RCP)	Lin. Ft.	80	\$ 230.00	\$ 18,400.00
28	Storm Sewer (48") (RCP)	Lin. Ft.	206	\$ 350.00	\$ 72,100.00
29	Storm Sewer (30"x19") (RCPHE)	Lin. Ft.	78	\$ 250.00	\$ 19,500.00
30	Curb Inlet (6'X4')	Each	3	\$ 8,000.00	\$ 24,000.00
31	Curb Inlet (6'X5')	Each	1	\$ 9,000.00	\$ 9,000.00
32	Curb Inlet (8'X7')	Each	1	\$ 12,000.00	\$ 12,000.00
33	End Section (30"x19") (RCPHE)	Each	1	\$ 1,800.00	\$ 1,800.00
34	Riprap (Light Stone) (100)	Cu. Yd.	8	\$ 150.00	\$ 1,200.00
35	Curb Inlet Top Adjustment	Each	8	\$ 3,000.00	\$ 24,000.00
36	Structure Modification (Pipe Connection)	Each	7	\$ 1,750.00	\$ 12,250.00
37	Pipe Underdrain (6") (PVC) (EST)	Lin. Ft.	100	\$ 50.00	\$ 5,000.00
38	Drain Tile Connection (EST)	Lin. Ft.	100	\$ 30.00	\$ 3,000.00
39	Concrete Encasement	Lin. Ft.	20	\$ 200.00	\$ 4,000.00
40	Signal Modification (S Harrison Street)	Lump Sum	1	\$ 65,000.00	\$ 65,000.00
41	Street Lighting	Lump Sum	1	\$ 130,000.00	\$ 130,000.00
42	Permanent Traffic Control Signs (MEP)	Sq. Ft.	92	\$ 40.00	\$ 3,680.00
43	2"x2" Sign Posts	Lin. Ft.	138	\$ 18.00	\$ 2,484.00
44	2-1/4"x2-1/4" Sign Post Anchors	Lin. Ft.	39	\$ 18.00	\$ 702.00
45	4"x6" Wood Sign Posts	Lin. Ft.	39	\$ 30.00	\$ 1,170.00
46	Pavement Marking (4") (Yellow) (HPS-8)	Lin. Ft.	3,551	\$ 1.75	\$ 6,214.25
47	Pavement Marking (6") (White) (HPS-8)	Lin. Ft.	612	\$ 2.00	\$ 1,224.00
48	Pavement Marking (6") (White) (Preformed Thermo)	Lin. Ft.	627	\$ 6.00	\$ 3,762.00
49	Pavement Marking (12") (Yellow) (Preformed Thermo)	Lin. Ft.	233	\$ 12.00	\$ 2,796.00

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3/1/2024

50	Pavement Marking (24") (White) (Preformed Thermo)	Lin. Ft.	191	\$ 22.00	\$ 4,202.00
51	Pavement Marking (Left Turn Arrow Symbol) (Preformed Thermo)	Each	8	\$ 250.00	\$ 2,000.00
52	Pavement Marking (Thru/Right Arrow Symbol) (Preformed Thermo)	Each	4	\$ 300.00	\$ 1,200.00
53	Pavement Marking (RR x-ing Symbol) (Preformed Thermo)	Each	2	\$ 1,000.00	\$ 2,000.00
54	Traffic Control	Lump Sum	1	\$ 25,000.00	\$ 25,000.00
55	Temporary Inlet Protection	Each	17	\$ 90.00	\$ 1,530.00
56	Temporary Slope Barrier (Biodegradable Log)	Lin. Ft.	3,000	\$ 3.00	\$ 9,000.00
57	Temporary Seeding (EST)	Acres	1	\$ 2,000.00	\$ 2,000.00
58	Sodding (EST)	Sq. Yd.	7,000	\$ 8.00	\$ 56,000.00
59	Tree Removal	Each	5	\$ 1,000.00	\$ 5,000.00
60	Tree Replacement	Each	5	\$ 750.00	\$ 3,750.00
61	Lawn Sprinkler System (EST)	Each	5	\$ 2,500.00	\$ 12,500.00
62	Railroad Protective Liability Insurance	Lump Sum	1	\$ 5,500.00	\$ 5,500.00
63	Contractor Construction Staking	Lump Sum	1	\$ 15,000.00	\$ 15,000.00
SUBTOTAL - 2024 Roadway (PN 3-R-001-24)				\$	1,812,330.25
3-R-001-24 Owners Contingency Allowance				\$	50,000.00

Bid Opinion of Probable Construction Cost
South Hamilton Circle Improvement Project (2024)
City of Olathe, Kansas



Project No. 3-R-001-24
South Hamilton Circle Improvement Project
South Hamilton (Sta. 103+16.32 to Sta. 115+77.44)

3/1/2024

Summary of Water Main Bid Items (Project No. 5-R-001-24)

Item No.	Item Description	Unit	Quantity	Unit Price	Total
101	Water Main (8")	Lin. Ft.	86	\$ 170.00	\$ 14,620.00
102	Water Main (16")	Lin. Ft.	768	\$ 425.00	\$ 326,400.00
103	Water Main (16") (DR11 DIPS HDPE)	Lin. Ft.	130	\$ 425.00	\$ 55,250.00
104	Steel Casing Pipe Bored and Jacked (24")	Lin. Ft.	123	\$ 475.00	\$ 58,425.00
105	Water Main Valve (8" Gate)	Each	1	\$ 2,200.00	\$ 2,200.00
106	Water Main Valve (16" Butterfly)	Each	2	\$ 7,500.00	\$ 15,000.00
107	Water Main Fitting (6" Tapping Sleeve & Valve Assembly)	Each	2	\$ 4,500.00	\$ 9,000.00
108	Water Main Fitting (8") (22-1/2° Bend) (Vertical)	Each	4	\$ 750.00	\$ 3,000.00
109	Water Main Fitting (8" x 6" Reducer)	Each	1	\$ 600.00	\$ 600.00
110	Water Main Fitting (8") (Cap)	Each	1	\$ 500.00	\$ 500.00
111	Water Main Fitting (16" x 6" Tee)	Each	1	\$ 2,500.00	\$ 2,500.00
112	Water Main Fitting (16" x 8" Tee)	Each	1	\$ 3,100.00	\$ 3,100.00
113	Water Main Fitting (16" x 16" Tee)	Each	1	\$ 4,000.00	\$ 4,000.00
114	Water Main Fitting (16") (22-1/2° Bend)	Each	1	\$ 1,750.00	\$ 1,750.00
115	Water Main Fitting (16") (45° Bend)	Each	5	\$ 1,750.00	\$ 8,750.00
116	Water Main Fitting (16") (45° Bend) (Vertical)	Each	6	\$ 1,800.00	\$ 10,800.00
117	Water Main Fitting (16" Tapping Sleeve & Valve Assembly)	Each	1	\$ 8,500.00	\$ 8,500.00
118	Water Main Fitting (16") (Cap)	Each	2	\$ 1,200.00	\$ 2,400.00
119	Straddle Block	Each	5	\$ 1,600.00	\$ 8,000.00
120	Water Service Line Reconnection (All Sizes)	Each	1	\$ 1,000.00	\$ 1,000.00
121	Water Service Line Pipe (2" Type K Copper)	Lin. Ft.	59	\$ 180.00	\$ 10,620.00
122	Water Meter Pit	Each	1	\$ 5,500.00	\$ 5,500.00
123	Fire Hydrant Assembly	Each	2	\$ 9,000.00	\$ 18,000.00
124	Valve Adjustment	Each	1	\$ 800.00	\$ 800.00
125	Bollard	Each	3	\$ 1,000.00	\$ 3,000.00
126	Concrete Curb & Gutter (Type B)	Lin. Ft.	194	\$ 25.00	\$ 4,850.00
127	Concrete Sidewalk (4")	Sq. Yd.	33	\$ 58.00	\$ 1,914.00
128	Concrete Pavement (7")	Sq. Yd.	527	\$ 100.00	\$ 52,700.00
129	Street Patch	Sq. Yd.	88	\$ 125.00	\$ 11,000.00
130	Pavement Marking (4") (Yellow) (HPS-8)	Lin. Ft.	232	\$ 1.75	\$ 406.00
131	Temporary Inlet Protection	Each	1	\$ 90.00	\$ 90.00
132	Tree Removal	Each	8	\$ 1,000.00	\$ 8,000.00
133	Tree Replacement	Each	8	\$ 750.00	\$ 6,000.00
SUBTOTAL - Water Main (PN 5-R-001-24)					\$ 658,675.00
5-R-001-24 Owners Contingency Allowance					\$ 25,000.00



SUBTOTAL - 2024 Roadway	\$ 1,812,330.25
SUBTOTAL - Water Main	\$ 658,675.00
SUBTOTAL - Owners Contingency	\$ 75,000.00
TOTAL	\$ 2,546,005.25