


AFFIDAVIT OF ESTIMATE OF COST

STATE OF KANSAS)
) ss.
COUNTY OF JOHNSON)

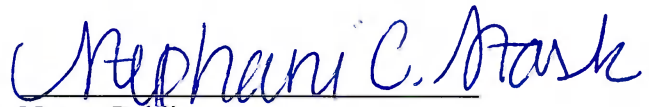
Nathan Baldwin, P.E., of lawful age, being first duly sworn upon his oath,
states:

1. I am the City Engineer for the City of Olathe, Kansas.
2. The attached detailed estimate of the cost for the 143rd Street Mill And Overlay Project, PN 3-P-002-25 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 10th
day of march, 2025.



Notary Public

My Appointment Expires

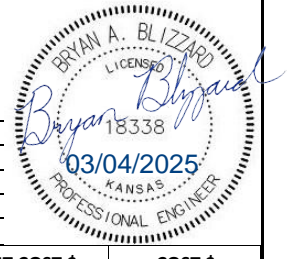
August 19, 2028





ENGINEER'S ESTIMATE - FINAL PLANS

Client: City of Olathe, Kansas
Project: 2025 Arterial Mill and Overlay: 143rd Street
City Project Number: 3-P-002-25
Olsson Project Number: A24-00977
Date: 3/4/2025 (Revised for Rounding)



	ITEM	QUANTITY	UNIT	UNIT COST \$	COST \$
ROADWAY CONSTRUCTION					
1	MOBILIZATION	1	LS	\$100,000.00	\$100,000.00
2	CONSTRUCTION STAKING	1	LS	\$12,000.00	\$12,000.00
3	EXCAVATION AND GRADING	1	LS	\$3,000.00	\$3,000.00
4	REMOVE TYPE "B" CONCRETE CURB & GUTTER	2,606	LF	\$15.00	\$39,090.00
5	REMOVE TYPE "C" CONCRETE CURB & GUTTER	189	LF	\$15.00	\$2,835.00
6	REMOVE CONCRETE SIDEWALK (4')	6,205	LF	\$15.00	\$93,075.00
7	REMOVE CONCRETE SIDEWALK (5')	9	LF	\$15.00	\$135.00
8	REMOVE CONCRETE SHARED USE PATH (8')	55	LF	\$16.00	\$880.00
9	REMOVE 5' TYPE I SIDEWALK RAMP	32	EA	\$800.00	\$25,600.00
10	REMOVE 8' TYPE I SIDEWALK RAMP	2	EA	\$1,000.00	\$2,000.00
11	REMOVE 8' TYPE II SIDEWALK RAMP	1	EA	\$1,200.00	\$1,200.00
12	REMOVE 7" COMMERCIAL DRIVEWAY	104	SY	\$50.00	\$5,200.00
13	REMOVE CURB INLET TOP	1	EA	\$1,000.00	\$1,000.00
14	TREE REMOVAL	1	EA	\$5,000.00	\$5,000.00
15	MILLING (2")	24,117	SY	\$3.00	\$72,351.00
16	6" DEPTH CRACK REPAIR	666	SY	\$100.00	\$66,600.00
17	4" DEPTH ASPHALT BASE REPAIR	100	SY	\$70.00	\$7,000.00
18	2" MODIFIED ASPHALTIC CONCRETE SURFACE (SUPERPAVE)	2,713	TONS	\$100.00	\$271,300.00
19	INSTALL TYPE "B" CONCRETE CURB & GUTTER	2,606	LF	\$40.00	\$104,240.00
20	INSTALL TYPE "C" CONCRETE CURB & GUTTER	189	LF	\$40.00	\$7,560.00
21	INSTALL CONCRETE SIDEWALK (4')	1,533	LF	\$40.00	\$61,320.00
22	INSTALL CONCRETE SIDEWALK (5')	9	LF	\$45.00	\$405.00
23	INSTALL CONCRETE SHARED USE PATH (8')	4,590	LF	\$60.00	\$275,400.00
24	INSTALL 6" AGGREGATE BASE (AB-3)	1,432	TONS	\$75.00	\$107,400.00
25	INSTALL 5' TYPE I SIDEWALK RAMP	10	EA	\$2,600.00	\$26,000.00
26	INSTALL 8' TYPE I SIDEWALK RAMP	24	EA	\$3,200.00	\$76,800.00
27	INSTALL 8' TYPE II SIDEWALK RAMP	1	EA	\$4,000.00	\$4,000.00
28	INSTALL 7" COMMERCIAL DRIVEWAY	104	SY	\$120.00	\$12,480.00
29	INSTALL CURB INLET TOP	1	EA	\$4,000.00	\$4,000.00
30	SODDING	2,700	SY	\$8.00	\$21,600.00
TRAFFIC					
31	TRAFFIC SIGNAL MODIFICATION (143RD AND MUR-LEN)	1	EA	\$40,000.00	\$40,000.00
32	TRAFFIC SIGNAL MODIFICATION (143RD AND BROUGHAM)	1	EA	\$40,000.00	\$40,000.00
33	TRAFFIC SIGNAL MODIFICATION (143RD AND BLACK BOB)	1	EA	\$10,000.00	\$10,000.00
34	RELOCATE OLATHE FIBER SERVICE BOX	1	EA	\$500.00	\$500.00
35	RECTANGULAR RAPID FLASHING BEACON (RRFB)	2	EA	\$10,000.00	\$20,000.00
36	6" SOLID WHITE LANE LINE (THERMOPLASTIC)	7,003	LF	\$2.00	\$14,006.00
37	6" BROKEN WHITE LANE LINE (THERMOPLASTIC)	48	LF	\$2.00	\$96.00
38	4" SOLID YELLOW LANE LINE (THERMOPLASTIC)	9,668	LF	\$2.00	\$19,336.00
39	4" BROKEN YELLOW LANE LINE (THERMOPLASTIC)	111	LF	\$2.00	\$222.00
40	6" SOLID WHITE CROSSWALK LINE (THERMOPLASTIC)	1,292	LF	\$2.00	\$2,584.00
41	12" SOLID YELLOW DIAGONAL LINE (THERMOPLASTIC)	28	LF	\$12.00	\$336.00
42	12" SOLID WHITE DIAGONAL LINE (THERMOPLASTIC)	18	LF	\$12.00	\$216.00
43	24" SOLID WHITE STOP LINE (THERMOPLASTIC)	247	LF	\$22.00	\$5,434.00
44	24" SOLID WHITE CROSSWALK (THERMOPLASTIC)	356	LF	\$22.00	\$7,832.00
45	SOLID WHITE LEFT-TURN ARROW (THERMOPLASTIC)	21	EA	\$250.00	\$5,250.00
46	SOLID WHITE RIGHT-TURN ARROW (THERMOPLASTIC)	5	EA	\$250.00	\$1,250.00
47	WHITE BIKE SYMBOL WITH EXTENDED THRU ARROW (THERMOPLASTIC)	12	EA	\$600.00	\$7,200.00
48	TEMPORARY TRAFFIC CONTROL	1	LS	\$25,000.00	\$25,000.00
49	INSTALL AND REMOVE OLATHE STREET MAINTENANCE SALES TAX SIGN	2	EA	\$700.00	\$1,400.00
WATER RELOCATION					
50	INSTALL 6" D.I.P. (PRESSURE CLASS 350)	9	LF	\$125.00	\$1,125.00
51	INSTALL 8" D.I.P. (PRESSURE CLASS 350)	101	LF	\$140.00	\$14,140.00
52	INSTALL 12" D.I.P. (PRESSURE CLASS 350)	2	LF	\$170.00	\$340.00
53	INSTALL 8" GATE VALVE	2	EA	\$2,200.00	\$4,400.00
54	INSTALL 12" GATE VALVE	1	EA	\$3,500.00	\$3,500.00
55	8" TEE	1	EA	\$1,300.00	\$1,300.00
56	8"X6" TEE	1	EA	\$1,500.00	\$1,500.00
57	8" 45 DEGREE BEND	2	EA	\$1,200.00	\$2,400.00

58	8" 90 DEGREE BEND	1	EA	\$1,600.00	\$1,600.00
59	12"X8" REDUCER	1	EA	\$1,300.00	\$1,300.00
60	6" SOLID SLEEVE	1	EA	\$1,000.00	\$1,000.00
61	8" SOLID SLEEVE	2	EA	\$1,200.00	\$2,400.00
62	12" SOLID SLEEVE	1	EA	\$1,600.00	\$1,600.00
63	THRUST BLOCK	4	EA	\$1,400.00	\$5,600.00
64	STRADDLE BLOCK	4	EA	\$1,400.00	\$5,600.00
		Street Improvements Subtotal (Items 1 - 64):			\$1,657,938.00
STORM SEWER CONSTRUCTION					
101	REMOVE CURB INLET (6'X3')	4	EA	\$1,000.00	\$4,000.00
102	REMOVE CURB INLET (6'X4')	9	EA	\$1,100.00	\$9,900.00
103	REMOVE CURB INLET (6'X5')	1	EA	\$1,200.00	\$1,200.00
104	REMOVE CURB INLET (8'X4')	2	EA	\$1,500.00	\$3,000.00
105	REMOVE JUNCTION BOX (48" MANHOLE)	1	EA	\$800.00	\$800.00
106	REMOVE CURB INLET FLUME	95	SY	\$50.00	\$4,750.00
107	INSTALL CURB INLET (6'X3')	4	EA	\$7,500.00	\$30,000.00
108	INSTALL CURB INLET (6'X4')	9	EA	\$8,000.00	\$72,000.00
109	INSTALL CURB INLET (6'X5')	1	EA	\$8,500.00	\$8,500.00
110	INSTALL CURB INLET (8'X4')	2	EA	\$9,500.00	\$19,000.00
111	INSTALL JUNCTION BOX (4'X4')	4	EA	\$6,000.00	\$24,000.00
112	INSTALL CURB INLET FLUME	95	SY	\$120.00	\$11,400.00
113	REMOVE PVC 14"	8	LF	\$40.00	\$320.00
114	REMOVE HDPE 15"	8	LF	\$40.00	\$320.00
115	REMOVE CMP 15"	335	LF	\$25.00	\$8,375.00
116	REMOVE CMP 18"	8	LF	\$30.00	\$240.00
117	REMOVE CMP 24"	67	LF	\$35.00	\$2,345.00
118	REMOVE CMP 30"	32	LF	\$40.00	\$1,280.00
119	INSTALL PVC 14"	8	LF	\$200.00	\$1,600.00
120	INSTALL RCP 15"	324	LF	\$250.00	\$81,000.00
121	INSTALL RCP 18"	8	LF	\$275.00	\$2,200.00
122	INSTALL RCP 24"	67	LF	\$300.00	\$20,100.00
123	INSTALL RCP 30"	32	LF	\$350.00	\$11,200.00
124	FULL DEPTH PATCH	165	SY	\$250.00	\$41,250.00
125	FLOWABLE FILL	9	CY	\$200.00	\$1,800.00
126	TEMPORARY TRAFFIC CONTROL	1	LS	\$10,000.00	\$10,000.00
		Non-Participating Storm Improvements Subtotal (Items 101 - 126):			\$370,580.00
STORM SEWER CONSTRUCTION - SMP PARTICIPATING					
201	REMOVE TYPE "B" CONCRETE CURB & GUTTER	285	LF	\$15.00	\$4,275.00
202	REMOVE CONCRETE SIDEWALK (4')	117	LF	\$15.00	\$1,755.00
203	REMOVE 5' TYPE I SIDEWALK RAMP	1	EA	\$800.00	\$800.00
204	FULL DEPTH PATCH	437	SY	\$250.00	\$109,250.00
205	INSTALL TYPE "B" CONCRETE CURB & GUTTER	285	LF	\$40.00	\$11,400.00
206	INSTALL CONCRETE SIDEWALK (4')	117	LF	\$40.00	\$4,680.00
207	INSTALL 5' TYPE I SIDEWALK RAMP	1	EA	\$2,600.00	\$2,600.00
208	REMOVE CURB INLET FLUME	157	SY	\$50.00	\$7,850.00
209	INSTALL CURB INLET FLUME	157	SY	\$120.00	\$18,840.00
210	REMOVE CMP 15"	38	LF	\$25.00	\$950.00
211	REMOVE CMP 18"	357	LF	\$30.00	\$10,710.00
212	REMOVE CMP 24"	219	LF	\$35.00	\$7,665.00
213	REMOVE CMP 42"	55	LF	\$50.00	\$2,750.00
214	INSTALL RCP 15"	141	LF	\$250.00	\$35,250.00
215	INSTALL RCP 18"	346	LF	\$275.00	\$95,150.00
216	INSTALL RCP 24"	215	LF	\$300.00	\$64,500.00
217	INSTALL RCP 42"	55	LF	\$400.00	\$22,000.00
218	TEMPORARY TRAFFIC CONTROL	1	LS	\$10,000.00	\$10,000.00
		SMP Participating Subtotal (Items 201 - 218):			\$410,425.00
				SUBTOTAL:	\$2,438,943.00
		*OWNERS CONTINGENCY ALLOWANCE:			\$50,000.00
				TOTAL:	\$2,488,943.00
	*Amount to be determined by the OWNER following the bid opening.				
The Engineer, using his or her professional judgment, has developed this stated Opinion of Probable Construction Cost based upon the design status identified above. Development of this Opinion has included consideration of design input level; however, the circumstances under which the work is expected to be undertaken, the cost and availability of materials, labor and services, probable bidder response and the economic conditions at the time of bid solicitation are beyond the control of the Engineer and will impact actual bid costs. Should bidding be delayed, these costs should be reviewed and, if necessary, adjusted to a more applicable <i>Engineering News Record</i> Construction Cost Index.					