

AFFIDAVIT OF ESTIMATE OF COST

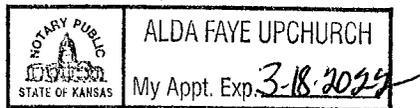
STATE OF KANSAS)
) ss.
COUNTY OF JOHNSON)

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 Lakeview Avenue Sanitary Sewer Improvements Project, PN 1-C-024-18, 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 24th
day of May, 2019.



Alda Faye Upchurch
Notary Public

My Appointment Expires

March 18, 2022



**ENGINEER'S ESTIMATE OF CONSTRUCTION COSTS
LAKEVIEW AVENUE SANITARY SEWER IMPROVEMENTS**

OLATHE, KS
City Project No. 1-C-024-18
HDR # 10093155
May 14, 2019

	ITEM	UNITS	APPROX. QUANTITY	UNIT PRICE \$	AMOUNT DOLLARS
Lakeview Avenue Sanitary Sewer Improvements, Project No. 1-C-024-18 - BASE BID - From MH1-1 to MH1-22					
1	Mobilization	LS	1	\$110,000.00	\$110,000.00
2	Traffic Control	LS	1	\$20,000.00	\$20,000.00
3	Construction Staking	LS	1	\$12,000.00	\$12,000.00
4	Clearing & Grubbing	LS	1	\$8,000.00	\$8,000.00
5	Tree Removal	EA	12	\$1,500.00	\$18,000.00
6	Grading	LS	1	\$7,500.00	\$7,500.00
7	Remove & Replace 6' Chain Link Fence with 3 Strand Barbed Wire	LF	156	\$40.00	\$6,240.00
8	Remove & Replace Double Swing Gate with 3 Strand Band Barbed Wire	LF	26	\$80.00	\$2,080.00
9	Remove & Replace 6' Chain Link Fence	LF	128	\$40.00	\$5,120.00
10	Remove & Replace 4' Chain Link Fence	LF	323	\$30.00	\$9,690.00
11	Remove & Replace 4' Wooden Fence	LF	25	\$30.00	\$750.00
12	Remove & Replace 4' Wrought Iron Fence	LF	15	\$40.00	\$600.00
13	Remove and Replace 4' Woven Wire Fence	LF	60	\$25.00	\$1,500.00
14	Bypass Pumping	LS	1	\$60,000.00	\$60,000.00
15	18" PVC (SDR 26) Sanitary Sewer Pipe	LF	582	\$80.00	\$46,560.00
16	18" DIP (Class-50) Sanitary Sewer Pipe	LF	47	\$90.00	\$4,230.00
17	15" PVC (SDR 26) Sanitary Sewer Pipe	LF	941	\$70.00	\$65,870.00
18	12" PVC (SDR 26) Sanitary Sewer Pipe	LF	371	\$60.00	\$22,260.00
19	10" PVC (SDR 26) Sanitary Sewer Pipe	LF	1,509	\$50.00	\$75,450.00
20	8" PVC (SDR 26) Sanitary Sewer Pipe	LF	50	\$40.00	\$2,000.00
21	8" HDPE (DR 19) Sanitary Sewer Pipe (HDD)	LF	135	\$150.00	\$20,250.00
22	6" PVC (SDR 26) Sanitary Service Lateral (Open-Cut)	LF	418	\$50.00	\$20,900.00
23	6" HDPE (DR 19) Sanitary Service Lateral (HDD)	LF	114	\$140.00	\$15,960.00
24	8" HDPE (DR 19) Sanitary Service Lateral (HDD)	LF	176	\$150.00	\$26,400.00
25	10" Sanitary Sewer Pipe Cured-In-Place Pipe	LF	571	\$70.00	\$39,970.00
26	8" Sanitary Sewer Pipe Cured-In-Place Pipe	LF	0	\$60.00	\$0.00
27	Cured-In-Place Pipe Service Lateral to Sewer Main Connection	EA	7	\$1,500.00	\$10,500.00
28	30" Dia. Casing Bore w/ 18" DIP (Class-50) Carrier Pipe	LF	160	\$700.00	\$112,000.00
29	18" Dia. Casing Bore w/ 10" PVC (SDR 26) Carrier Pipe	LF	60	\$550.00	\$33,000.00
30	Trench Excavation and Backfill Non Paved, 0' to 8'	LF	2,105	\$40.00	\$84,200.00
31	Trench Excavation and Backfill Under Pavement (Flowable Fill), 0' to 8'	LF	1,396	\$100.00	\$139,600.00
32	Trench Excavation and Backfill, <8' to 12'	LF	2,517	\$50.00	\$125,850.00
33	Trench Excavation and Backfill, <12' to 16'	LF	815	\$60.00	\$48,900.00
34	Trench Excavation and Backfill, <16' to 20'	LF	155	\$100.00	\$15,500.00
35	Rock Excavation	CY	1,300	\$90.00	\$117,000.00
36	5' Dia. Standard Manhole, 0' to 8'	EA	3	\$5,700.00	\$17,100.00
37	4' Dia. Standard Manhole, 0' to 8'	EA	15	\$5,000.00	\$75,000.00
38	5' Dia. Standard Drop Manhole, 0' to 8'	EA	1	\$6,400.00	\$6,400.00
39	4' Dia. Standard Drop Manhole, 0' to 8'	EA	5	\$6,000.00	\$30,000.00
40	5' Dia. Standard Manhole Extra Depth	VF	26.3	\$200.00	\$5,260.00
41	5' Dia. Standard Drop Manhole Extra Depth	VF	14.2	\$225.00	\$3,195.00
42	4' Dia. Standard Manhole Extra Depth	VF	84.4	\$150.00	\$12,660.00
43	4' Dia. Standard Drop Manhole Extra Depth	VF	29.2	\$180.00	\$5,256.00
44	Sanitary Sewer Service Reconnections	EA	13	\$500.00	\$6,500.00
45	6" or 8" by Main Size Service Wye	EA	13	\$700.00	\$9,100.00
46	Connection to Existing Sewer Main	EA	5	\$1,000.00	\$5,000.00
47	Manhole Abandonment	EA	8	\$1,000.00	\$8,000.00
48	Manhole Removal	EA	3	\$750.00	\$2,250.00
49	Slurry Seal (Abandoned Sanitary Sewer)	CY	92	\$125.00	\$11,500.00
50	Remove and Replace Curb Inlet	EA	1	\$6,000.00	\$6,000.00
51	Remove and Replace Existing 4" HDPE Storm Sewer and Grate Inlet	LF	20	\$65.00	\$1,300.00
52	Remove and Replace 18" CMP Storm Sewer with 18" RCP Storm Sewer Pipe	LF	93	\$90.00	\$8,370.00

53	Remove and Replace 30" CMP Storm Sewer with 30" RCP Storm Sewer Pipe	LF	106	\$120.00	\$12,720.00
54	Remove & Replace Asphalt Trail (4")	SY	58	\$40.00	\$2,320.00
55	Remove and Replace Asphalt Pavement (School Playground)	SY	197	\$40.00	\$7,880.00
56	10" Concrete Pavement Replacement	SY	550	\$100.00	\$55,000.00
57	8" Concrete Pavement Replacement	SY	1,500	\$85.00	\$127,500.00
58	Remove & Replace Concrete Sidewalk (4")	SY	390	\$63.00	\$24,570.00
59	Remove & Replace ADA Handicap Sidewalk Ramp	EA	6	\$1,500.00	\$9,000.00
60	Remove & Replace 6" Residential Concrete Drive	SY	260	\$100.00	\$26,000.00
61	Remove & Replace 7" Commercial Concrete Drive	SY	52	\$115.00	\$5,980.00
62	Remove & Replace Concrete Curb & Gutter	LF	1,200	\$45.00	\$54,000.00
63	Sediment Fence	LF	2,700	\$3.00	\$8,100.00
64	Inlet Protection	EA	18	\$250.00	\$4,500.00
65	Rock Construction Entrance	EA	3	\$2,200.00	\$6,600.00
66	Seeding	AC	1.00	\$3,500.00	\$3,500.00
67	Sodding	SY	9,000	\$7.00	\$63,000.00
68	Street Lighting	LS	1	\$21,500.00	\$21,500.00
				Total Base Bid (Items 1-68, Inclusive):	\$1,932,941.00
Lakeview Avenue Sanitary Sewer Improvements, Project No. 1-C-024-18 - BID ALTERNATE #1 - From Upstream MH1-22 to MH1-24					
69	Traffic Control	LS	1	\$4,000.00	\$4,000.00
70	Construction Staking	LS	1	\$4,000.00	\$4,000.00
71	Clearing and Grubbing	LS	1	\$2,800.00	\$2,800.00
72	Bypass Pumping	LS	1	\$5,000.00	\$5,000.00
73	10" PVC (SDR 26) Sanitary Sewer Pipe	LF	448	\$50.00	\$22,400.00
74	6" PVC (SDR 26) Sanitary Service Lateral (Open-Cut)	LF	118	\$50.00	\$5,900.00
75	Trench Excavation and Backfill Non Paved, 0' to 8'	LF	426	\$40.00	\$17,040.00
76	Trench Excavation and Backfill Under Pavement (Flowable Fill), 0' to 8'	LF	22	\$100.00	\$2,200.00
77	Trench Excavation and Backfill, 12' to 16'	LF	145	\$60.00	\$8,700.00
78	Trench Excavation and Backfill, 16' to 20'	LF	303	\$100.00	\$30,300.00
79	4' Dia. Standard Manhole, 0' to 8'	EA	1	\$5,000.00	\$5,000.00
80	4' Dia. Standard Drop Manhole, 0' to 8'	EA	1	\$6,000.00	\$6,000.00
81	4' Dia. Standard Manhole Extra Depth	VF	6.6	\$150.00	\$990.00
82	4' Dia. Standard Drop Manhole Extra Depth	VF	2.9	\$175.00	\$507.50
83	Sanitary Sewer Service Reconnections	EA	10	\$500.00	\$5,000.00
84	6" or 8" by Main Size Service Wye	EA	10	\$700.00	\$7,000.00
85	Manhole Abandonment	EA	1	\$1,000.00	\$1,000.00
86	Slurry Seal (Abandoned Sanitary Sewer)	CY	7	\$125.00	\$875.00
87	8" Concrete Pavement Replacement	SY	26	\$85.00	\$2,210.00
88	Remove & Replace Concrete Sidewalk (4")	SY	6	\$63.00	\$378.00
89	Remove & Replace 6" Residential Concrete Drive	SY	49	\$100.00	\$4,900.00
90	Remove & Replace Concrete Curb & Gutter	LF	20.00	\$45.00	\$900.00
91	Seeding	AC	0.20	\$3,500.00	\$700.00
92	Sodding	SY	1,600	\$7.00	\$11,200.00
				Total Add Alternate #1 (Items 69-92, Inclusive):	\$149,000.50
				Total Base Bid Plus Add Alternate #1 = Total Bid Price:	\$2,081,941.50
Lakeview Avenue Sanitary Sewer Improvements, Project No. 1-C-024-18 - BID ALTERNATE #2 - Mill and Overlay South Drury Lane					
93	Full Width Milling 2" Depth	SY	2,230	8.00	17,840.00
94	2" BM-2FR Asphaltic Concrete Surface	TN	230	100.00	23,000.00
				Total Add Alternate #2 (Items 93-94, Inclusive):	\$40,840.00
				Total Base Bid Plus Add Alternate #2 = Total Bid Price:	\$1,973,781.00
				Total Base Bid Plus Add Alternate #1 and #2 = Total Bid Price:	\$2,122,781.50

