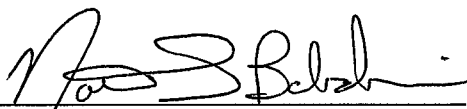


AFFIDAVIT OF ESTIMATE OF COST

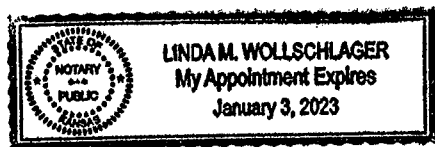
STATE OF KANSAS)
) ss.
COUNTY OF JOHNSON)

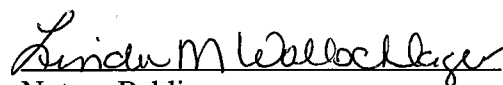
Nathan S. Baldwin, P.E., of lawful age, being first duly sworn upon his oath,
states:

1. I am the City Engineer for the City of Olathe, Kansas.
2. The attached detailed estimate of the cost for the Upper Cedar Creek Stormwater Improvement project, PN 2-C-013-19 is attached and I am providing the estimate of the cost under oath (Exhibit A).


Nathan S. Baldwin

Subscribed in my presence and sworn under oath before me this 22nd
day of March, 2021.




Notary Public

My Appointment Expires

January 3, 2023

FINAL Opinion of Construction Cost Upper Cedar Creek Improvements City of Olathe, Kansas Project No. 2-C-013-19 SMP CC-09-019 Affinis Project No. 19-0650.01				 Rev. Date 2/22/2021	
Bid Item No.	Item Description	Unit	Quantity	Unit Price	Total
1	Mobilization	Lump Sum	1	\$ 40,000.00	\$ 40,000.00
2	Clearing & Grubbing	Lump Sum	1	\$ 30,000.00	\$ 30,000.00
3	Removal of Existing Structures	Lump Sum	1	\$ 60,000.00	\$ 60,000.00
4	Unclassified Excavation (EST)	Cu. Yd.	2,600	\$ 10.00	\$ 26,000.00
5	Unclassified Excavation (Unsuitable) (EST)	Cu. Yd.	600	\$ 25.00	\$ 15,000.00
6	Channel Grading	Lin. Feet	910	\$ 80.00	\$ 72,800.00
7	Berm Grading	Cu. Yd.	210	\$ 40.00	\$ 8,400.00
8	Asphaltic Concrete Surface (2") (Modified Superpave) (Temporary Surface)	Ton	98	\$ 90.00	\$ 8,820.00
9	Asphaltic Concrete Surface (2") (Modified Superpave) (Permanent Surface)	Ton	67	\$ 90.00	\$ 6,030.00
10	Asphaltic Concrete Base (8") (Modified Superpave) (Temporary Surface)	Ton	392	\$ 85.00	\$ 33,320.00
11	Asphaltic Concrete Base (8") (Modified Superpave) (Permanent Surface)	Ton	265	\$ 85.00	\$ 22,525.00
12	Aggregate Base Course (6") (AB-3 Modified) (Temporary Surface)	Sq. Yd.	869	\$ 10.00	\$ 8,690.00
13	Aggregate Base Course (6") (AB-3 Modified) (Permanent Surface)	Sq. Yd.	582	\$ 10.00	\$ 5,820.00
14	Remove Temporary Pavement Surfaces	Lump Sum	1	\$ 10,000.00	\$ 10,000.00
15	Install Concrete Curb & Gutter (All Types)	Lin. Feet	250	\$ 38.00	\$ 9,500.00
16	Concrete Drive (7") (Commercial)	Sq. Yd.	804	\$ 85.00	\$ 68,340.00
17	Install Concrete Flume	Sq. Yd.	80	\$ 80.00	\$ 6,400.00
18	Install 24" HDPE Temporary Storm Sewer	Lin. Feet	10	\$ 80.00	\$ 800.00
19	Install 18" RCP Class III Storm Sewer	Lin. Feet	275	\$ 100.00	\$ 27,500.00
20	Install 24" RCP Class III Storm Sewer	Lin. Feet	179	\$ 125.00	\$ 22,375.00
21	Install 42" RCP Class III Storm Sewer	Lin. Feet	26	\$ 200.00	\$ 5,200.00
22	RCB Wall Intrusion (Enter 24" RCP)	Each	2	\$ 1,700.00	\$ 3,400.00
23	RCB Wall Intrusion (Enter 42" RCP)	Each	1	\$ 2,000.00	\$ 2,000.00
24	Install 18" Flared End Section	Each	1	\$ 1,000.00	\$ 1,000.00
25	Install 24" Flared End Section	Each	2	\$ 1,200.00	\$ 2,400.00
26	Install 4' x 4' Storm Sewer Area Inlet	Each	1	\$ 5,700.00	\$ 5,700.00
27	Install 4' x 4' Storm Sewer Curb Inlet	Each	1	\$ 5,500.00	\$ 5,500.00
28	Install 4' x 4' Storm Sewer Junction Box	Each	2	\$ 5,200.00	\$ 10,400.00
29	Install 6' x 6' Storm Sewer Junction Box	Each	1	\$ 6,800.00	\$ 6,800.00
30	Install Double 10' x 5' RCB	Lin. Feet	66	\$ 2,000.00	\$ 132,000.00
31	Install Triple 10' x 6' RCB	Lin. Feet	45	\$ 2,800.00	\$ 126,000.00
32	Large Block Wall (Exposed Face)	Sq. Ft.	867	\$ 80.00	\$ 69,360.00
33	KCMMB 5k Concrete (End Section)	Cu. Yd.	127	\$ 900.00	\$ 114,300.00
34	Handrail	Lin. Feet	334	\$ 200.00	\$ 66,800.00
35	Rip Rap (KDOT 1/4 Ton)	Sq. Yd.	498	\$ 80.00	\$ 39,840.00
36	Rip Rap (KDOT 18")	Sq. Yd.	1,348	\$ 65.00	\$ 87,620.00
37	Private Drainage Connection (EST)	Each	4	\$ 800.00	\$ 3,200.00
38	Sanitary Sewer Pipe (6" PVC) (SDR-26) (EST)	Lin. Feet	53	\$ 115.00	\$ 6,095.00
39	Sanitary Sewer Pipe (18" PVC) (SDR-26)	Lin. Feet	141	\$ 300.00	\$ 42,300.00
40	4' Dia. Standard Manhole, 0'-6' Deep	Each	2	\$ 12,000.00	\$ 24,000.00
41	4' Dia. Manhole Extra Depth	Vert. Ft.	6.8	\$ 1,000.00	\$ 6,800.00
42	Concrete Encasement	Lin. Feet	77	\$ 150.00	\$ 11,550.00
43	Rock Ditch Check	Each	10	\$ 300.00	\$ 3,000.00
44	Biodegradable Log	Lin. Feet	1,796	\$ 3.00	\$ 5,388.00
45	Install Erosion Control Blanket	Sq. Yd.	739	\$ 3.00	\$ 2,217.00
46	Install Temporary Inlet Barrier	Each	6	\$ 90.00	\$ 540.00
47	4" White Thermoplastic	Lin. Feet	390	\$ 3.00	\$ 1,170.00
48	4" Yellow Thermoplastic	Lin. Feet	390	\$ 3.00	\$ 1,170.00
49	Traffic Control	Lump Sum	1	\$ 38,000.00	\$ 38,000.00
50	SMP Project Sign	Each	2	\$ 900.00	\$ 1,800.00
51	Seeding	Acre	0.3	\$ 1,500.00	\$ 450.00

FINAL Opinion of Construction Cost
 Upper Cedar Creek Improvements
 City of Olathe, Kansas
 Project No. 2-C-013-19
 SMP CC-09-019
 Affinis Project No. 19-0650.01



Rev. Date 2/22/2021

Bid Item No.	Item Description	Unit	Quantity	Unit Price	Total
52	Sodding	Sq. Yd.	4,756	\$ 6.00	\$ 28,536.00
53	Wood Fence (72") (EST)	Lin. Feet	128	\$ 45.00	\$ 5,760.00
54	Construction Staking	Lump Sum	1	\$ 10,000.00	\$ 10,000.00
55	Owner's Contingency Allowance (Set)	Lump Sum	1	\$ 150,000.00	\$ 150,000.00
ESTIMATED PROJECT TOTAL CONSTRUCTION COST					\$ 1,502,616.00

