


AFFIDAVIT OF ESTIMATE OF COST

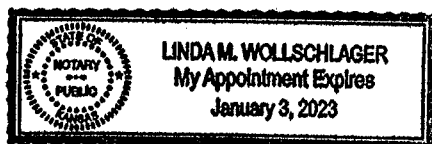
STATE OF KANSAS)
) ss.
COUNTY OF JOHNSON)

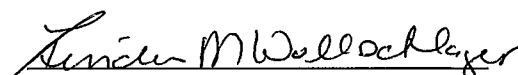
Nathan S. Baldwin, P.E., of lawful age, being first duly sworn upon his oath,
states:

1. I am the City Engineer for the City of Olathe, Kansas.
2. The attached detailed estimate of the cost for the Old 56 Arterial Mill and Overlay Project, P.N. 3-P-001-20 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 23rd
day of March, 2021.




Notary Public

My Appointment Expires

January 3, 2023

TABULATION OF BIDS 2020 Street Preservation Program Old 56 Arterial Mill and Overlay (Lone Elm Road to 151st Street) PN # 3-P-001-20 Tuesday, March 23, 2021					
				ENGINEER'S ESTIMATE HDR	
Item Code	Item Name	Base Qty	Unit	Unit Price	Base Total Price
1	2" Milling	37,413	SY	\$1.50	\$56,119.50
2	2" Asphaltic Surface (Modified Superpave)	5,962	TON	\$70.00	\$417,340.00
3	10" Asphaltic Base (Modified Superpave)	1,681	TON	\$70.00	\$117,670.00
4	Concrete Base Widening (10")	118	SY	\$70.00	\$8,260.00
5	4" Asphaltic Base (Modified Superpave)	1,040	TON	\$70.00	\$72,800.00
6	Var. Aggregate Base Course (AB-3) (Shoulder)	1,370	TON	\$30.00	\$41,100.00
7	2" Asphaltic Surface (BM-2FR)	223	TON	\$68.00	\$15,164.00
8	8" Asphaltic Base (BM-2B)	993	TON	\$68.00	\$67,524.00
9	6" Aggregate Base Course (AB-3 Modified)	10,503	SY	\$12.00	\$126,036.00
10	7" Concrete Commerical Driveway	11	SY	\$100.00	\$1,100.00
11	Full Depth Street Patch (Optional as directed by Engineer)	1,000	SY	\$45.00	\$45,000.00
12	Transverse Crack Repair (Optional as directed by Engineer)	1,000	SY	\$45.00	\$45,000.00
13	Remove Type B Concrete Curb & Gutter	40	LF	\$12.00	\$480.00
14	Install Hand Poured Type B Concrete Curb & Gutter	48	LF	\$30.00	\$1,440.00
15	Install Type B Concrete Curb & Gutter	1,281	LF	\$25.00	\$32,025.00
16	Install Type I ADA Ramp	5	EACH	\$1,800.00	\$9,000.00
17	Guardrail, End Terminal (CGS-FLEAT)	1	EACH	\$3,500.00	\$3,500.00
18	Sodding	46	SY	\$10.00	\$460.00
19	Seeding and Hydraulic Mulching	1	AC	\$2,200.00	\$2,200.00
20	Pavement Marking 6" Solid White Lane Line (HPS-8)	1,784	LF	\$1.50	\$2,676.00
21	Pavement Marking 6" Solid White Edge Line (HPS-8)	18,526	LF	\$1.50	\$27,789.00
22	Pavement Marking 4" Solid Yellow Lane Line (HPS-8)	21,197	LF	\$1.50	\$31,795.50
23	Pavement Marking 4" Broken Yellow Lane Line (HPS-8)	788	LF	\$1.50	\$1,182.00
24	Pavement Marking 6" Solid White Crosswalk Line (Preformed Thermoplastic)	223	LF	\$7.00	\$1,561.00
25	Pavement Marking 12" Solid Yellow Diagonal Line (Preformed Thermoplastic)	291	LF	\$14.00	\$4,074.00
26	Pavement Marking 24" Solid White Stop Line (Preformed Thermoplastic)	86	LF	\$21.00	\$1,806.00
27	Pavement Marking Left Arrow (Preformed Thermoplastic)	26	EACH	\$250.00	\$6,500.00
28	Pavement Marking Right Arrow (Preformed Thermoplastic)	9	EACH	\$250.00	\$2,250.00
29	Mobilization	1	LS	\$65,000.00	\$65,000.00
30	Contractor Construction Staking	1	LS	\$15,000.00	\$15,000.00
31	16" LED Countdown Pedestrian Signal Head	4	EACH	\$800.00	\$3,200.00
32	Aluminum 8' Pedestal Pole	3	EACH	\$1,250.00	\$3,750.00
33	Concrete Pedestal Pole Foundation	3	EACH	\$1,250.00	\$3,750.00
34	Ground Rod & Clamp	3	EACH	\$400.00	\$1,200.00
35	Pedestrian Pushbutton	4	EACH	\$400.00	\$1,600.00
36	Install 6'x6' Detection Loop	4	EACH	\$500.00	\$2,000.00
37	Detector Loop Wire	440	LF	\$1.50	\$660.00
38	Multi-Conductor Cable No. 14 AWG 7C	250	LF	\$4.00	\$1,000.00
39	Multi-Conductor Cable No. 14 AWG 2C	623	LF	\$2.50	\$1,557.50
40	IMSA 19-1 No. 14 AWG 21C Cable	710	LF	\$4.50	\$3,195.00
41	Ground Wire No. 8 AWG 1/C Green, Stranded	99	LF	\$1.00	\$99.00
42	SDR 9 - 3"	68	LF	\$10.00	\$680.00
43	Pedstrian Countdown Reversible Sign with Bracket	4	EACH	\$125.00	\$500.00
44	Install City Supplied Wavetronix System (4-Detectors)	1	LS	\$2,200.00	\$2,200.00
45	Wavetronix Homerun Cable	1,041	LF	\$4.00	\$4,164.00
46	30' Aluminum Pole (OL301 w/8' Arms) with LED Luminaire	3	EACH	\$4,000.00	\$12,000.00
47	CS-300 Frangible Base	3	EACH	\$400.00	\$1,200.00
48	Type 1 Screw-in Foundation	3	EACH	\$1,000.00	\$3,000.00
49	Type 1 Junction Box	3	EACH	\$500.00	\$1,500.00
50	2" Schedule 40 HDPE conduit	644	LF	\$15.00	\$9,660.00
51	Distribution cable 1c#4 (x3)	2,178	LF	\$1.50	\$3,267.00
52	Pole & Bracket cable 1c#10 (x2)	264	LF	\$1.00	\$264.00
53	Connector Kit, Fused	6	EACH	\$60.00	\$360.00
54	Connector Kit, Unfused	3	EACH	\$54.00	\$162.00
55	Polaris Connectors	9	EACH	\$15.00	\$135.00
56	Traffic Control	1	LS	\$35,000.00	\$35,000.00
57	Erosion Control	1	LS	\$15,000.00	\$15,000.00
58	Permanent Street Signing	1	EACH	\$300.00	\$300.00
59	Street Maintenance Sales Tax Sign	2	EACH	\$200.00	\$400.00
60	Unclassified Excavation	5,732	CY	\$8.00	\$45,856.00
61	Embankment (Contractor Furnished)	592	CY	\$14.00	\$8,288.00
62	Compaction of Earthwork (All Types)	592	CY	\$2.00	\$1,184.00
				Subtotal:	\$1,388,983.50
				Owner's Contingency Allowance:	\$35,000.00
				Total:	\$1,423,983.50
Note: The costs shown on this estimate represent an estimate of probable costs prepared in good faith and with reasonable care. HDR has no control over the costs of construction labor materials, or equipment, not over competitive bidding or negotiating methods and does not make any commitment or assume any duty to assure that bids or negotiated prices will not vary from this estimate. This estimate does not include costs for right-of-way, utility relocation, and engineering administration.					

