



## ENGINEER'S ESTIMATE - FINAL PLANS

Client: City of Lee's Summit  
 Project: Lee's Summit Middle School #4  
 Project Number: 020-0103  
 Date: 9/13/2021

	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST \$	COST \$
1	Mobilization	1	Lump Sum	\$17,564.22	\$17,564.22
2	Clearing and Grubbing	1	Lump Sum	\$37,055.36	\$37,055.36
3	Demolition and Removal	1	Lump Sum	\$73,965.22	\$73,965.22
4	Pavement, Asphaltic Surface (APWA Type 5-01) (2")	3,528	Sq.Yd.	\$12.33	\$43,503.94
5	Pavement, Asphaltic Base (APWA RC Type 5-01) (4")	250	Sq.Yd.	\$28.65	\$7,158.49
6	Pavement, Asphaltic Base (APWA RC Type 5-01) (5.5")	459	Sq.Yd.	\$39.41	\$18,099.83
7	Pavement, Asphaltic Base (APWA RC Type 5-01) (8")	22	Sq.Yd.	\$57.30	\$1,265.76
8	Pavement, Asphaltic Base (APWA RC Type 5-01) (10")	3,239	Sq.Yd.	\$67.63	\$219,026.52
9	Concrete Base Widening	579	Sq.Yd.	\$7.88	\$4,566.30
10	Aggregate Base (MoDOT Type 5) (4")	2,948	Sq. Yd.	\$7.88	\$23,233.94
11	Aggregate Base (MoDOT Type 5) (10")	341	Sq.Yd.	\$23.27	\$7,923.67
12	Aggregate Base (MoDOT Type 5) (12")	4,369	Sq. Yd.	\$28.14	\$122,942.25
13	Geogrid (Tensor TX140)	4,709	Sq. Yd.	\$2.82	\$13,280.68
14	Curb & Gutter (Type CG-1)	3,248	Lin. Ft.	\$28.24	\$91,720.98
15	Curb & Gutter (Type CG-2)	85	Lin. Ft.	\$28.24	\$2,387.41
16	Concrete Driveway (6")	201	Sq. Yd.	\$9.04	\$1,818.58
17	Concrete Driveway (8")	32	Sq.Yd.	\$12.03	\$386.88
18	Concrete Sidewalk (4")	193	Sq. Yd.	\$4.86	\$939.44
19	Concrete Sidewalk (6")	2,307	Sq. Yd.	\$7.34	\$16,929.71
20	Concrete ADA Ramps	2,201	Sq. Ft.	\$14.95	\$32,910.63
21	Detectable Warning Surface	388	Sq. Ft.	\$14.95	\$5,801.50
22	Inlet (Curb) (5'x3')	2	Each	\$6,213.78	\$12,427.56
23	Inlet (Curb) (8'x4')	3	Each	\$6,778.67	\$20,336.01
24	Inlet (Curb) (10'x4')	1	Each	\$7,343.56	\$7,343.56
25	Junction Box (4'x4')	1	Each	\$6,213.78	\$6,213.78
26	Structure Modification	2	Each	\$3,954.22	\$7,908.44
27	30" Pipe Collar	1	Each	\$3,200.00	\$3,200.00
28	15" Storm Sewer (RCP Class III)	461	Lin. Ft.	\$45.19	\$20,841.63
29	30" Storm Sewer (RCP Class III)	21	Lin. Ft.	\$73.44	\$1,520.21
30	15" Storm Sewer (HDPE)	2	Lin. Ft.	\$35.00	\$52.50
31	End Section (15" RC)	1	Each	\$1,500.00	\$1,500.00
32	Erosion Control Devices	1	Lump Sum	\$27,114.67	\$27,114.67
33	Traffic Signal Installation (Bailey & Century)	1	Lump Sum	\$456,946.38	\$456,946.38
34	2" Conduit with Locate Cable and Pull String	1,406	Lin. Ft.	\$27.11	\$38,116.66
35	Class 1 Fiber Optic Pull Box	5	Each	\$2,824.45	\$14,122.25
36	Fiber Interface Panel with 250' Pigtail	2	Each	\$8,473.34	\$16,946.68
37	Ethernet Switch, Transition with Separate Power Source	2	Each	\$9,874.36	\$19,748.72
38	Single Mode Patch Cable	8	Each	\$564.89	\$4,519.12
39	Temporary Traffic Control	1	Lump Sum	\$27,845.22	\$27,845.22
40	Permanent Signing	54	Sq. Ft.	\$11.30	\$610.20
41	Sign Post	12	Each	\$817.66	\$9,811.92
42	Pavement Marking (4" Solid White Lane Line)	3,019	Lin. Ft.	\$8.22	\$24,816.18
43	Pavement Marking (4" Solid Yellow Line)	7,600	Lin. Ft.	\$8.22	\$62,472.00
44	Pavement Marking (12" Yellow Crosshatch Line)	295	Lin. Ft.	\$22.60	\$6,667.00
45	Pavement Marking (24" White Stop Line)	122	Lin. Ft.	\$31.63	\$3,858.86
46	Pavement Marking (6" White Crosswalk Line)	488	Lin. Ft.	\$16.95	\$8,271.60
47	Pavment Marking (White Right Turn Arrow)	1	Each	\$695.22	\$695.22
48	Pavment Marking (White Left Turn Arrow)	17	Each	\$695.22	\$11,818.74
49	Connection to Existing Main	1	Each	\$400.00	\$400.00
50	6" Water Line	60	Lin. Ft.	\$80.00	\$4,800.00
51	8" Water Line	264	Lin. Ft.	\$90.00	\$23,760.00
52	6" 11.25 Bend	1	Each	\$150.00	\$150.00
53	8" 11.25 Bend	5	Each	\$160.00	\$800.00
54	8" 90 Bend	1	Each	\$170.00	\$170.00
55	Thrust Blocks	7	Each	\$150.00	\$1,050.00
			<b>Opinion of Probable Cost</b>		<b>\$1,589,336.41</b>

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 *Engineering News Record* Construction Cost Index.



# ENGINEER'S ESTIMATE - FINAL PLANS

**Client:** City of Lee's Summit  
**Project:** Lee's Summit Middle School #4  
**Project Number:** 020-0103  
**Date:** 9/13/2021

	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST \$	COST \$
--	------------------	----------	------	--------------	---------