



ENGINEER'S ESTIMATE - FINAL PLANS

Client: City of Lee's Summit

Project: Scannell Development Lee's Summit Logistics at NW Corner of Tudor and Main

Project Number: 021-04157

Date: 11/16/2021

	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST \$	COST \$
1	Mobilization	1	Lump Sum	\$85,000.00	\$85,000.00
2	Clearing and Grubbing	1	Lump Sum	\$80,000.00	\$80,000.00
3	Demolition and Removal	1	Lump Sum	\$100,000.00	\$100,000.00
4	Unclassified Excavation	12,563	Cu. Yd.	\$17.00	\$213,571.00
5	Embankment	33,941	Cu. Yd.	\$9.00	\$305,469.00
6	Pavement, Asphaltic Surface (APWA Type 5-01) (2")	14,304	Sq. Yd.	\$13.00	\$185,952.00
7	Pavement, Asphaltic Base (APWA RC Type 1-01) (7.5")	14,304	Sq. Yd.	\$50.00	\$715,200.00
8	Aggregate Base (MoDOT Type 5) (12")	16,329	Sq. Yd.	\$28.00	\$457,212.00
9	Aggregate Base (4")	3,296	Sq. Yd.	\$7.50	\$24,720.00
10	Geogrid (Tensar TX140)	16,504	Sq. Yd.	\$2.50	\$41,260.00
11	Curb & Gutter (Type CG-1)	6,403	Lin. Ft.	\$27.00	\$172,881.00
12	Sidewalk (4")	3,266	Sq. Yd.	\$50.00	\$163,300.00
13	Concrete ADA Ramps	274	Sq. Ft.	\$16.00	\$4,384.00
14	Detectable Warning Surface	35	Sq. Ft.	\$50.00	\$1,750.00
15	Manhole Rebuilding	2	Each	\$2,500.00	\$5,000.00
16	Inlet (Curb) (8'x4')	1	Each	\$7,500.00	\$7,500.00
17	Inlet (Curb) (6'x3')	8	Each	\$6,000.00	\$48,000.00
18	Inlet (Curb) (5'x5')	5	Each	\$6,300.00	\$31,500.00
19	Inlet (Curb) (5'x3')	2	Each	\$5,000.00	\$10,000.00
20	Junction Box (4'x4')	4	Each	\$4,800.00	\$19,200.00
21	Junction Box (4'x3')	2	Each	\$4,500.00	\$9,000.00
22	15" Storm Sewer (RCP Class III)	939	Lin. Ft.	\$75.00	\$70,425.00
23	18" Storm Sewer (RCP Class III)	126	Lin. Ft.	\$80.00	\$10,080.00
24	36" Storm Sewer (RCP Class III)	1,059	Lin. Ft.	\$130.00	\$137,670.00
25	42" Storm Sewer (RCP Class III)	217	Lin. Ft.	\$175.00	\$37,975.00
26	RCB (12'x8')	135	Lin. Ft.	\$1,200.00	\$162,000.00
27	RCB Wingwall	2	Each	\$19,200.00	\$38,400.00
28	Rip Rap Type 4	175	Sq. Yd.	\$90.00	\$15,750.00
29	Encasement (Concrete Sanitary Sewer)	35	Lin. Ft.	\$200.00	\$7,000.00
30	Adjust Existing Sanitary Sewer Manhole	2	Each	\$2,500.00	\$5,000.00
31	Pavement Marking (4" Solid White Line)	4,285	Lin. Ft.	\$2.25	\$9,641.25
32	Pavement Marking (4" White Extension Line)	50	Lin. Ft.	\$3.00	\$150.00
33	Pavement Marking (4" Solid Yellow Line)	5,795	Lin. Ft.	\$2.25	\$13,038.75
34	Pavement Marking (4" Broken Yellow Line)	1,210	Lin. Ft.	\$2.00	\$2,420.00
35	Pavement Marking (12" Solid Yellow Diagonal)	30	Lin. Ft.	\$15.00	\$450.00
36	Pavement Marking (24" White Stop Line)	20	Lin. Ft.	\$25.00	\$500.00
37	Pavement Marking (White Left Turn Arrow)	22	Each	\$400.00	\$8,800.00
38	Permanent Signing	43	Sq. Ft.	\$25.00	\$1,075.00
39	Sign Post	4	Each	\$350.00	\$1,400.00
40	Street Light Pole (P305)	27	Each	\$1,600.00	\$43,200.00
41	10' Bracket Arm	27	Each	\$275.00	\$7,425.00
42	B30 Screw-in Foundation	27	Each	\$1,100.00	\$29,700.00
43	Cobra-Head Luminaire w/ 250 Watt H.P.S. Equivalent LED Lamp	27	Each	\$650.00	\$17,550.00
44	Type II Junction Box	3	Each	\$750.00	\$2,250.00
45	4-Circuit Power Supply Assembly	1	Each	\$5,000.00	\$5,000.00
46	Power Supply Foundation	1	Each	\$3,000.00	\$3,000.00
47	3" Schedule 40 P.V.C. Conduit (From Control Center to Power Pole)	30	Lin. Ft.	\$30.00	\$900.00
48	2" High Density Polyethylene (HDPE) Conduit (Gray)	3,300	Lin. Ft.	\$18.00	\$59,400.00
49	3c No. 2 Power Cable	135	Lin. Ft.	\$9.00	\$1,215.00
50	3c No. 4 Distribution Cable	3,500	Lin. Ft.	\$6.00	\$21,000.00
51	1c No. 10 Pole and Bracket Cable	3,240	Lin. Ft.	\$1.50	\$4,860.00
52	Break-away Non-Fused Connector Kits	27	Each	\$85.00	\$2,295.00
53	Break-away Fused Connector Kits	54	Each	\$90.00	\$4,860.00
54	Traffic Control	1	Lump Sum	\$40,000.00	\$40,000.00



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55	Erosion Control Devices (Silt Fence)	6,924	Lin. Ft.	\$3.00	\$20,772.00
56	Erosion Control Devices (Inlet Protection)	20	Each	\$120.00	\$2,400.00
57	Erosion Control Devices (Construction Entrance)	1	Each	\$3,500.00	\$3,500.00
58	Sod (Fescue)	4,621	Sq. Yd.	\$6.50	\$30,036.50
59	Seed	18,571	Sq. Yd.	\$2.00	\$37,142.00
60	Temporary Diversion Berm	360	Lin. Ft.	\$12.00	\$4,320.00
61	Rip Rap (MODOT Type 2)	72	Sq. Yd.	\$90.00	\$6,480.00
				Opinion of Probable Cost	\$3,549,979.50

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.