



## ENGINEER'S ESTIMATE - FINAL PLANS

Client: City of Lee's Summit  
Project: Oldham & Princeton Roadway Improvements  
Project Number: 018-1450  
Date: 8/16/2019

	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST \$	COST \$
1	Mobilization	1	Lump Sum	\$50,000.00	\$50,000.00
2	Clearing and Grubbing	1	Lump Sum	\$20,000.00	\$20,000.00
3	Removal of Existing Structures	1	Lump Sum	\$15,000.00	\$15,000.00
4	Unclassified Excavation	3,266	Cu. Yd.	\$13.00	\$42,454.49
5	Compaction of Earthwork (All types)	2,666	Cu. Yd.	\$15.00	\$39,983.85
6	Asphaltic Surface (Type 5)	527	Ton	\$80.00	\$42,160.00
7	Asphaltic Base (Type 1)	1,661	Ton	\$75.00	\$124,552.29
8	Aggregate Base (Type 5) (6")	5,240	Sq. Yd.	\$15.00	\$78,606.90
9	Straight Back Curb & Gutter (Type CG-1)	2,570	Lin. Ft.	\$19.00	\$48,830.00
10	Concrete Sidewalk (4")	6,864	Sq. Ft.	\$6.00	\$41,184.00
11	Aggregate Base (4")	7,145	Sq. Yd.	\$10.00	\$71,450.00
12	Concrete Sidewalk Ramp	281	Sq. Ft.	\$16.00	\$4,496.00
13	Detectable Warning Surface	20	Sq. Ft.	\$50.00	\$1,000.00
14	Concrete Driveway (8")	180	Sq. Yd.	\$70.00	\$12,622.40
15	Concrete Driveway (6")	88	Sq. Yd.	\$70.00	\$6,148.10
16	Driveway Aggregate Base (4")	268	Sq. Yd.	\$10.00	\$2,681.50
17	Gravel Field Entrance (6")	53	Sq. Yd.	\$60.00	\$3,164.40
18	4" Solid White Lane Line (Thermoplastic)	2,218	LF	\$1.50	\$3,327.00
19	4" Solid Yellow Lane Line (Thermoplastic)	4,578	LF	\$1.50	\$6,867.00
20	12" Yellow Crosshatch Line (Thermoplastic)	268	LF	\$5.00	\$1,340.00
21	White Turn Arrows (Pre-Formed Thermoplastic)	3	EA	\$350.00	\$1,050.00
22	Area MEP Signs	33	SF	\$30.00	\$990.00
23	Post	6	EA	\$400.00	\$2,400.00
24	15" Polypropylene (HP) Storm	232	LF	\$85.00	\$19,736.15
25	15" RCP Storm	69	LF	\$140.00	\$9,660.00
26	18" Polypropylene (HP) Storm	174	LF	\$100.00	\$17,447.00
27	24" Polypropylene (HP) Storm	813	LF	\$110.00	\$89,430.00
28	30" RCP Storm	68	LF	\$220.00	\$14,960.00
29	30" Polypropylene (HP) Storm	160	LF	\$120.00	\$19,196.40
30	18" Concrete Flared End Section W Cutoff Wall	1	EA	\$1,200.00	\$1,200.00
31	24" Concrete Flared End Section W Cutoff Wall	1	EA	\$1,400.00	\$1,400.00
32	D50=10" Riprap Apron	12	Cu. Yd.	\$120.00	\$1,440.00
33	4' X 4' I.D. Precast Junction Box	2	EA	\$4,500.00	\$9,000.00
34	6' X 4' I.D. Precast Junction Box	1	EA	\$5,000.00	\$5,000.00
35	4' X 4' I.D. Precast Curb Inlet	2	EA	\$5,000.00	\$10,000.00
36	7' X 3' I.D. Precast Curb Inlet	3	EA	\$6,500.00	\$19,500.00
37	7' X 4' I.D. Precast Curb Inlet	2	EA	\$7,000.00	\$14,000.00
38	8' X 3' I.D. Precast Curb Inlet	1	EA	\$7,500.00	\$7,500.00
39	8' X 4' I.D. Precast Curb Inlet	2	EA	\$8,000.00	\$16,000.00
40	Ditch Excavation	550	Cu. Yd.	\$13.00	\$7,150.00
Opinion of Probable Cost					\$882,927.48

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.

