



## ENGINEER'S ESTIMATE

**Client:** Lee's Summit, MO

**Project:** Osage 1st Plat - Highway 150 and Pryor Road Public Roadway Improvements

**Project Number:** A19-2339

**Date:** 8/24/2020

	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST \$	COST \$
1	Mobilization	1	Lump Sum	\$10,000.00	\$10,000.00
2	Clearing and Grubbing	1	Lump Sum	\$5,000.00	\$5,000.00
3	Demolition and Removal	1	Lump Sum	\$2,500.00	\$2,500.00
4	Contractor Construction Staking	1	Lump Sum	\$1,500.00	\$1,500.00
5	Unclassified Excavation	4355	Cu. Yd.	\$8.00	\$34,840.00
6	Compaction of Earthwork (All Types)	480	Cu. Yd.	\$8.75	\$4,200.00
7	Asphaltic Concrete (Surface Course Type 5 or 6) (2")	721	Ton	\$70.00	\$50,470.00
8	Asphaltic Concrete (Base Course Type 5) (7 1/2")	669	Ton	\$70.00	\$46,830.00
9	Asphaltic Concrete (Base Course Type 5) (2")	167	Ton	\$70.00	\$11,690.00
10	Milling	3338	Sq. Yd.	\$4.50	\$15,021.00
11	Type 5 Aggregate (4")	51	Sq. Yd.	\$9.00	\$459.00
12	Type 5 Aggregate (12")	3220	Sq. Yd.	\$12.00	\$38,640.00
13	Geogrid	3220	Sq. Yd.	\$3.00	\$9,660.00
14	Type CG-1 Curb and Gutter	90	Lin. Ft.	\$35.00	\$3,150.00
15	RCP (15")	87	Lin. Ft.	\$45.00	\$3,915.00
16	CMP (30")	12	Lin. Ft.	\$60.00	\$720.00
17	Flared End Section (15" RCP)	2	Each	\$300.00	\$600.00
18	Beveled Pipe End Treatment (3-30" CMP)	2	Each	\$1,000.00	\$2,000.00
19	Concrete Sidewalk (4")	412	Sq. Ft.	\$4.50	\$1,854.00
20	Concrete Sidewalk Ramp	43	Sq. Ft.	\$6.00	\$258.00
21	Detectable Warning Surface	26	Sq. Ft.	\$12.00	\$312.00
22	Silt Fence	899	Lin. Ft.	\$1.25	\$1,123.75
23	Biodegradable Log (9-Inch Class A)	160	Lin. Ft.	\$9.00	\$1,440.00
24	Construction Entrance	122	Sq. Yd.	\$8.00	\$976.00
25	Seeding	1	Acre	\$1,500.00	\$1,935.00
26	Riprap (MoDOT Type 2)	19	Sq. Yd.	\$250.00	\$4,850.00
27	Pavement Marking	1	Lump Sum	\$5,000.00	\$5,000.00
28	Permanent Signing	1	Lump Sum	\$1,500.00	\$1,500.00
29	Temporary Traffic Control	1	Lump Sum	\$10,000.00	\$10,000.00

### OPINION OF PROBABLE COST

**\$270,443.75**

#### NOTES:

1. Final construction costs may be impacted by input from local, state, and federal regulatory authority. Estimate does not include state or federal regulatory permit fees or potential mitigation cost for stream and wetland impacts.
2. Construction costs are subject to unit cost increases due to inflation and market factors beyond control of or unknown to consultant at time of estimate.
3. We do not guarantee that our opinions will not differ materially from negotiated prices or bids. If assurances as to probable cost are desired, an independent estimator or contractor should be employed.

