

ENGINEERING COST ESTIMATE

ENGINEERING SOLUTIONS

50 SE 30TH STREET
LEE'S SUMMIT, MO

DATE:
6/19/2020

PROJECT NAME:

Monticello, 4th Plat

SITE LOCATION:

Monticello, 4th Plat
Lee's Summit, MO

ITEM AND DESCRIPTION	UNIT	ESTIMATED QUANTITY	LABOR AND MATERIAL COST PER UNIT	Construction Cost
ASPHALT PAVING	S.Y.	7,640.09	25.00	\$ 191,002.25
ADA SIDEWALK RAMP	UNIT	4	750.00	\$ 3,000.00
5' SIDEWALK	S.F.	17,278.52	4.50	\$ 77,753.34
GEOGRID	S.Y.	9,171.11	3.25	\$ 29,806.11
MoDOT Type 5 Base	S.Y.	9,171.11	7.75	\$ 71,076.10
CURBING	FT	4,601.65	14.50	\$ 66,723.93
STREET SIGNAGE	UNIT	2	350.00	\$ 700.00
BMP/DETENTION BASIN MATERIAL	S.F.	14,426	0.50	\$ 7,212.85
BMP/DETENTION BASIN GRADING	S.F.	50,835	1.10	\$ 55,918.50
CLEARING, GRADING & GRUBBING	LS	1	180,000.00	\$ 180,000.00
STORM PIPE				\$ -
15" HDPE	FT	1,226.61	27.70	\$ 33,977.10
18" HDPE	FT	578.80	30.50	\$ 17,653.40
24" HDPE	FT	782.11	40.30	\$ 31,519.03
15" RCP	FT	84.02	27.70	\$ 2,327.35
18" RCP	FT	145.50	30.50	\$ 4,437.75
24" RCP	FT	42.71	40.30	\$ 1,721.21
18" HDPE END SECTION / TOE WALL	LS	1	1,000.00	\$ 1,000.00
15" HDPE END SECTION / TOE WALL	LS	1	800.00	\$ 800.00
24" HDPE HEAD WALL	LS	1	1,200.00	\$ 1,200.00
24" HDPE MITER END	LS	2	1,200.00	\$ 2,400.00
5' x 4' STORM CURB INLET	UNIT	18	3,075.00	\$ 55,350.00
4' x 4' STORM FIELD INLET	UNIT	9	2,800.00	\$ 25,200.00
SILT FENCE	FT	10,143.38	1.25	\$ 12,679.23
INLET PROTECTION	UNIT	54	80.00	\$ 4,320.00
SEEDING / MULCHING/ FERTILIZING	LS	1	7,100.00	\$ 7,100.00
CONST. ENTRANCE	UNIT	1	1750.00	1750.00
RIP RAP W/ FABRIC	UNIT	9	50.00	\$ 450.00
TOTAL COST =				\$ 887,078.00