

ENGINEERING COST ESTIMATE

ENGINEERING SOLUTIONS

50 SE 30TH STREET
LEE'S SUMMIT, MO

DATE:
2/8/2021

PROJECT NAME:

Monticello 4th plat - Sanitary

SITE LOCATION:

Monticello, 4th Plat
Lee's Summit, MO



ITEM AND DESCRIPTION	UNIT	ESTIMATED QUANTITY	LABOR AND MATERIAL COST PER UNIT	Construction Cost	% Completed	Remaining Cost
SANITARY PIPE 8" PVC	FT	1,142.85	32.00	36571.20	100	\$0.00
SANITARY SERVICE PIPE 4" PVC	FT	2,093.55	23.60	49407.78	100	\$0.00
SERVICES LINES WYES, PLUGS, 4" PVC	UNIT	45.00	30.65	1379.25	100	\$0.00
5' DIA. SANITARY MANHOLES	UNIT	5.00	3,750.00	18750.00	100	\$0.00
TRENCH CHECKS	UNIT	45.00	100.00	4500.00	100	\$0.00
TRACER WIRE AND EQUIPMENT	FT	2,093.55	1.00	2093.55	100	\$0.00
TOTAL COST = \$				112,701.78		
Asbuilts and Maintenance Bond	Unit				100	\$0.00
					100	\$3,381.05

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50 SE 30TH STREET
LEE'S SUMMIT, MO

DATE:
2/8/2021

PROJECT NAME:

Monticello 4th plat - water

SITE LOCATION:

Monticello, 4th Plat
Lee's Summit, MO
PL2020106



ITEM AND DESCRIPTION	UNIT	ESTIMATED QUANTITY	LABOR AND MATERIAL COST PER UNIT	Construction Cost	% Completed	Remaining Cost
FIRE HYDRANT ASSEMBLY	UNIT	4.00	3,600.00	14400.00	100	\$0.00
8" WATER LINE	FT	2,510.56	24.00	60253.44	100	\$0.00
8" GATE VALVE/ VALVE BOX & COVER	UNIT	4.00	1,200.00	4800.00	100	\$0.00
CONNECT TO EXISTING	UNIT	3.00	\$ 475.00	\$ 1,425.00	100	\$0.00
TEMP. TO PERM. FIRE HYDRANT CONVERSION	UNIT	2.00	\$ 1,200.00	\$ 2,400.00	100	\$0.00
THRUST BLOCK	UNIT	30.00	400.00	12000.00	100	\$0.00
TEES, BENDS	LS	28.00	550.00	15400.00	100	\$0.00
TOTAL COST = \$				110,678.44		
Asbuilts and Maintenance Bond	Unit				100	\$3,320.35

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50 SE 30TH STREET
LEE'S SUMMIT, MO

DATE:
2/8/2021

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	% Completed	Remaining Cost
ASPHALT PAVING	S.Y.	7,640.09	25.00	\$ 191,002.25	100	\$0.00
ADA SIDEWALK RAMP	UNIT	4	750.00	\$ 3,000.00	0	\$3,000.00
5' SIDEWALK	S.F.	17,278.52	4.50	\$ 77,753.34	90	\$7,775.33
GEOGRID	S.Y.	9,171.11	3.25	\$ 29,806.11	100	\$0.00
MoDOT Type 5 Base	S.Y.	9,171.11	7.75	\$ 71,076.10	100	\$0.00
CURBING	FT	4,601.65	14.50	\$ 66,723.93	100	\$0.00
STREET SIGNAGE	UNIT	2	350.00	\$ 700.00	0	\$700.00
BMP/DETENTION BASIN MATERIAL	S.F.	14,426	0.50	\$ 7,212.85	100	\$0.00
BMP/DETENTION BASIN GRADING	S.F.	50,835	1.10	\$ 55,918.50	100	\$0.00
CLEARING, GRADING & GRUBBING	LS	1	180,000.00	\$ 180,000.00	93	\$12,600.00
STORM PIPE				\$ -		
15" HDPE	FT	1,189.07	27.70	\$ 32,937.24	100	\$0.00
18" HDPE	FT	578.80	30.50	\$ 17,653.40	100	\$0.00
24" HDPE	FT	781.92	40.30	\$ 31,511.38	100	\$0.00
15" RCP	FT	84.02	27.70	\$ 2,327.35	100	\$0.00
18" RCP	FT	145.53	30.50	\$ 4,438.67	100	\$0.00
24" RCP	FT	42.71	40.30	\$ 1,721.21	100	\$0.00
15" HDPE END SECTION / TOE WALL	LS	3	800.00	\$ 2,400.00	100	\$0.00
24" HDPE HEAD WALL	LS	3	1,200.00	\$ 3,600.00	100	\$0.00
24" HDPE MITER END	LS	3	1,200.00	\$ 3,600.00	100	\$0.00

5' x 4' STORM CURB INLET	UNIT	18	3,075.00	\$	55,350.00	100	\$0.00
4' x 4' STORM FIELD INLET	UNIT	10	2,800.00	\$	28,000.00	100	\$0.00
SILT FENCE	FT	10,143.38	1.25	\$	12,679.23	95	\$633.96
INLET PROTECTION	UNIT	54	80.00	\$	4,320.00	95	\$216.00
SEEDING / MULCHING/ FERTILIZING	LS	1	7,100.00	\$	7,100.00	0	\$7,100.00
CONST. ENTRANCE	UNIT	2	1750.00		3500.00	100	\$0.00
RIP RAP W/ FABRIC	UNIT	8	50.00	\$	400.00	100	\$0.00
Asbuilts and Maintenance Bond	Unit					100	\$1,500.00
TOTAL COST =				\$	894,732.00		\$33,525.30

