

ENGINEERING COST ESTIMATE

ENGINEERING SOLUTIONS

50 SE 30TH STREET
LEE'S SUMMIT, MO

DATE:
3/13/2019

PROJECT NAME:

North Park Village, On-Site

APPLICATION # PL2017198

SITE LOCATION:

North Park Village Phase 2

Lee's Summit, MO

Jackson County

ITEM AND DESCRIPTION	UNIT	ESTIMATED QUANTITY	LABOR AND MATERIAL COST PER UNIT	COST PER ITEM	% Work Completed	Remaining Cost
ASPHALT PAVING	S.Y.	4,842.63	25.00	121065.75	0.00	121065.75
GEOGRID	S.Y.	6,007.12	3.25	19523.14	0.00	19523.14
MoDOT Type 5 Base	S.Y.	6,007.12	7.75	46555.18	0.00	46555.18
CURBING	FT	3,431.91	14.50	49762.70	0.00	49762.70
5' SIDEWALK	S.F.	8,203.67	4.75	38967.43		
STREET SIGNAGE	UNIT	2.00	350.00	700.00	0.00	700.00
ADA SIDEWALK RAMP	UNIT	3.00	500.00	1500.00	0.00	1500.00
CLEARING, GRADING & GRUBBING	CY	19,349.25	2.25	43535.81	100.00	0.00
SILT FENCE	FT	5,410.00	1.25	6762.50	0.00	6762.50
INLET PROTECTION	UNIT	18.00	80.00	1440.00	0.00	1440.00
SEEDING / MULCHING / FERTILIZING	LS	1.00	7100.00	7100.00	0.00	7100.00
CONST. ENTRANCE	UNIT	1.00	1750.00	1750.00	100.00	0.00
TEMPORARY CUL-DE-SAC REMOVAL	UNIT	1.00	1500.00	1500.00	100.00	0.00
UNDERDRAIN	UNIT	2.00	500.00	1000.00	0.00	1000.00
STORM						
30" HDPE	FT	166.88	50.30	8394.06	100.00	0.00
24" HDPE	FT	133.00	40.30	5359.90	100.00	0.00
18" HDPE	FT	404.41	30.50	12334.51	100.00	0.00
15" HDPE	FT	1,282.73	27.70	35531.62	100.00	0.00
5' x 5' STORM FIELD INLET	EA	4.00	4600.00	18400.00	100.00	0.00
5' x 4' STORM CURB INLET	EA	12.00	3800.00	45600.00	100.00	0.00
TOTAL COST = \$				466,782.59	TOTAL COST = \$ 255,409.26	



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SANITARY						
6" PVC SDR 26 Service Line	LF	1,364.30	\$ 23.60	\$ 32,197.48	100.00	0.00
8" PVC SDR 26	LF	1,073.88	\$ 32.00	\$ 34,364.16	95.00	1718.21
4' DIA Manhole	EA	4.00	\$ 4,000.00	\$ 16,000.00	95.00	800.00
TEES, BENDS, WYES	EA	28.00	\$ 500.00	\$ 14,000.00	100.00	0.00
CONNECT TO EXISTING	UNIT	1.00	\$ 750.00	\$ 750.00	100.00	0.00
TRACER WIRE AND EQUIPMENT	L.F.	1,073.88	\$ 1.00	\$ 1,073.88	100.00	0.00
TOTAL COST = \$				96,561.64	TOTAL COST = \$	2,518.21



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WATER						
FIRE HYDRANT ASSEMBLY	UNIT	3.00	\$ 3,800.00	\$ 11,400.00	95.00	570.00
8" WATER LINE	UNIT	1,884.18	\$ 40.00	\$ 75,367.20	95.00	3768.36
8" GATE VALVE/ VALVE BOX & COVER	UNIT	2.00	\$ 800.00	\$ 1,600.00	95.00	80.00
THRUST BLOCKS, SADDLE BLOCKS, BACKING BLOCK	UNIT	8.00	\$ 400.00	\$ 3,200.00	100.00	0.00
TEES, BENDS	LS	5.00	\$ 550.00	\$ 2,750.00	100.00	0.00
TEMPORARY TO PERMANENT FIRE HYDRANT	UNIT	3.00	\$ 350.00	\$ 1,050.00	100.00	0.00
TOTAL COST = \$				94,317.20	TOTAL COST = \$	4,418.36

