

ENGINEERING COST ESTIMATE

ENGINEERING SOLUTIONS

50 SE 30TH STREET
LEE'S SUMMIT, MO

DATE:
5/6/2021

PROJECT NAME:

WOODLAND OAKS - STREET AND STORM

APPLICATION # PL2021073

SITE LOCATION:

NE Colbern Rd
Lee's Summit, MO

ITEM AND DESCRIPTION	UNIT	ESTIMATED QUANTITY	LABOR AND MATERIAL COST PER UNIT	COST PER ITEM
ASPHALT PAVING	S.Y.	7,187.12	\$ 25.00	\$ 179,678.00
CURBING	FT	4643.65	\$ 14.50	\$ 67,332.93
MoDOT Type 5 Base	S.Y.	7,689.66	\$ 7.75	\$ 59,594.88
GEOGRID	S.Y.	7,689.66	\$ 3.25	\$ 24,991.40
CLEARING, GRADING & GRUBBING	LS	1.00	\$ 35,000.00	\$ 35,000.00
SILT FENCE	FT	12,550.00	\$ 1.25	\$ 15,687.50
INLET PROTECTION	UNIT	81.00	\$ 80.00	\$ 6,480.00
SEEDING / MULCHING/ FERTILIZING	AC	19.51	\$ 1,200.00	\$ 23,412.00
CONST. ENTRANCE	UNIT	1.00	\$ 1,750.00	\$ 1,750.00
RIP RAP W/ FABRIC	S.Y.	142.05	\$ 50.00	\$ 7,102.50
SEDIMENT TRAP ROCK	C.Y.	19.00	\$ 70.00	\$ 1,330.00
FAIRCLOTH SKIMMER ASSEMBLY	UNIT	1.00	\$ 2,200.00	\$ 2,200.00
STORM				
15" HDPE	FT	1598.78	\$ 27.70	\$ 44,286.21
18" HDPE	FT	829.84	\$ 30.50	\$ 25,310.12
24" HDPE	FT	307.87	\$ 40.30	\$ 12,407.16
30" HDPE	FT	51.00	\$ 50.30	\$ 2,565.30
15" HDPE END SECTION / TOE WALL	LS	3.00	\$ 800.00	\$ 2,400.00
18" HDPE END SECTION / TOE WALL	LS	1.00	\$ 1,000.00	\$ 1,000.00
24" HDPE END SECTION / TOE WALL	LS	4.00	\$ 1,200.00	\$ 4,800.00
30" HDPE END SECTION / TOE WALL	LS	1.00	\$ 1,500.00	\$ 1,500.00
4' x 4' STORM FIELD INLET	EA	10.00	\$ 4,500.00	\$ 45,000.00
5' x 5' JUNCTION BOX	EA	2.00	\$ 4,400.00	\$ 8,800.00
5' x 4' STORM CURB INLET	EA	14.00	\$ 3,800.00	\$ 53,200.00
5' x 5' CONTROL STRUCTURE	EA	1.00	\$ 6,600.00	\$ 6,600.00
5' x 4' CONTROL STRUCTURE	EA	1.00	\$ 6,000.00	\$ 6,000.00
TOTAL COST = \$				638,428.00