

ENGINEERING COST ESTIMATE

ENGINEERING SOLUTIONS50 SE 30TH STREET
LEE'S SUMMIT, MODATE:
12/3/2024

PROJECT NAME:

Villas of Chapel Ridge 2nd Plat - Streets, Storm and MDP

APPLICATION # PL2022248

SITE LOCATION:

NE Dick Howser Dr
Lee's Summit, MO

ITEM AND DESCRIPTION	UNIT	ESTIMATED QUANTITY	LABOR AND MATERIAL COST PER UNIT	COST PER ITEM
ASPHALT PAVING	S.Y.	4,246.00	\$ 25.00	\$ 106,150.00
CURBING	FT	2,683.00	\$ 14.50	\$ 38,903.50
5' SIDEWALK	S.F.	9,510.00	\$ 4.75	\$ 45,172.50
MoDOT Type 5 Base	S.Y.	5,108.00	\$ 7.75	\$ 39,587.00
GEOGRID	S.Y.	5,108.00	\$ 3.25	\$ 16,601.00
ADA SIDEWALK RAMP	UNIT	4	\$ 500.00	\$ 2,000.00
CLEARING, GRADING & GRUBBING	LS	1	\$ 35,000.00	\$ 35,000.00
SILT FENCE	FT	8,400.00	\$ 1.25	\$ 10,500.00
INLET PROTECTION	UNIT	30.00	\$ 80.00	\$ 2,400.00
SEEDING / MULCHING/ FERTILIZING	AC	8.27	\$ 1,200.00	\$ 9,924.00
CONST. ENTRANCE	UNIT	2.00	\$ 1,750.00	\$ 3,500.00
STORM				
30" HDPE	FT	83.98	\$ 50.30	\$ 4,224.19
24" HDPE	FT	108.75	\$ 40.30	\$ 4,382.63
24" RCP	FT	83.05	\$ 37.50	\$ 3,114.38
18" HDPE	FT	425.31	\$ 30.50	\$ 12,971.96
15" HDPE	FT	899.97	\$ 27.70	\$ 24,929.17
18" RCP	FT	43.26	\$ 35.00	\$ 1,514.10
15" RCP	FT	196.36	\$ 30.50	\$ 5,988.98
4' x 4' STORM FIELD INLET	EA	5.00	\$ 4,500.00	\$ 22,500.00
5' x 5' JUNCTION BOX	EA	1.00	\$ 4,700.00	\$ 4,700.00
5' x 4' STORM CURB INLET	EA	13.00	\$ 3,800.00	\$ 49,400.00
TOTAL COST = \$				443,463.40