

ENGINEERING COST ESTIMATE

ENGINEERING SOLUTIONS

50 SE 30TH STREET
LEE'S SUMMIT, MO

DATE:
8/12/2022

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
RIP RAP W/ FABRIC	S.Y.	54.00	\$ 50.00	\$ 2,700.00
STORM				
15" RCP	FT	244.52	\$ 27.70	\$ 6,773.20
18" RCP	FT	43.26	\$ 30.50	\$ 1,319.43
30" RCP	FT	68.55	\$ 82.00	\$ 5,621.10
36" HDPE	FT	102.81	\$ 60.00	\$ 6,168.60
30" HDPE	FT	216.50	\$ 30.50	\$ 6,603.25
24" HDPE	FT	72.19	\$ 30.50	\$ 2,201.80
18" HDPE	FT	133.44	\$ 30.50	\$ 4,069.92
15" HDPE	FT	282.91	\$ 27.70	\$ 7,836.61
4' x 4' STORM FIELD INLET	EA	4.00	\$ 4,500.00	\$ 18,000.00
5' x 4' STORM CURB INLET	EA	11.00	\$ 3,800.00	\$ 41,800.00
TOTAL COST = \$				412,831.91