

ENGINEERING COST ESTIMATE

ENGINEERING SOLUTIONS

50 SE 30TH STREET
LEE'S SUMMIT, MO

DATE:
5/31/2024

PROJECT NAME:

The Townhomes of Chapel Ridge 3RD Plat - Streets, Storm and MDP

APPLICATION #

SITE LOCATION:

NE Longhill Rd
Lee's Summit, MO

ITEM AND DESCRIPTION	UNIT	ESTIMATED QUANTITY	LABOR AND MATERIAL COST PER UNIT	COST PER ITEM
ASPHALT PAVING	S.Y.	4,620.00	\$ 25.00	\$ 115,500.00
CURBING	FT	3,084.00	\$ 14.50	\$ 44,718.00
5' SIDEWALK	S.F.	12,804.00	\$ 4.75	\$ 60,819.00
MoDOT Type 5 Base	S.Y.	5,460.00	\$ 7.75	\$ 42,315.00
GEOGRID	S.Y.	5,460.00	\$ 3.25	\$ 17,745.00
ADA SIDEWALK RAMP	UNIT	4	\$ 500.00	\$ 2,000.00
CLEARING, GRADING & GRUBBING	LS	1	\$ 70,000.00	\$ 70,000.00
STORM				
24" HDPE	FT	161.46	\$ 30.50	\$ 4,924.53
18" HDPE	FT	836.60	\$ 30.50	\$ 25,516.30
15" HDPE	FT	1,013.56	\$ 27.70	\$ 28,075.61
18" HDPE END SECTION / TOE WALL	LS	1.00	\$ 1,000.00	\$ 1,000.00
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 = \$				472,413.44