

ENGINEERING COST ESTIMATE

ENGINEERING SOLUTIONS

50 SE 30TH STREET
LEE'S SUMMIT, MO

DATE:
7/9/2020

PROJECT NAME:

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

APPLICATION # PL2020102

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.	3,430.98	\$ 25.00	\$ 85,774.50
CURBING	FT	2,343.62	\$ 14.50	\$ 33,982.49
5' SIDEWALK	S.F.	12,057.55	\$ 4.75	\$ 57,273.36
MoDOT Type 5 Base	S.Y.	3,702.68	\$ 7.75	\$ 28,695.77
GEOGRID	S.Y.	3,702.68	\$ 3.25	\$ 12,033.71
ADA SIDEWALK RAMP	UNIT	7	\$ 500.00	\$ 3,500.00
CLEARING, GRADING & GRUBBING	LS	1	\$ 35,000.00	\$ 35,000.00
SILT FENCE	FT	5,724.09	\$ 1.25	\$ 7,155.11
INLET PROTECTION	UNIT	44.00	\$ 80.00	\$ 3,520.00
SEEDING / MULCHING/ FERTILIZING	AC	18.83	\$ 1,200.00	\$ 22,596.00
CONST. ENTRANCE	UNIT	2.00	\$ 1,750.00	\$ 3,500.00
RIP RAP W/ FABRIC	S.Y.	35.00	\$ 50.00	\$ 1,750.00
DITCH CHECK	UNIT	3.00	\$ 100.00	\$ 300.00
STORM				
30" HDPE	FT	76.46	\$ 30.50	\$ 2,332.03
24" HDPE	FT	54.41	\$ 30.50	\$ 1,659.51
18" HDPE	FT	299.20	\$ 30.50	\$ 9,125.60
15" HDPE	FT	1,129.96	\$ 27.70	\$ 31,299.89
4' x 4' JUNCTION BOX	EA	2.00	\$ 4,400.00	\$ 8,800.00
18" HDPE END SECTION / TOE WALL	LS	2.00	\$ 1,000.00	\$ 2,000.00
30" HDPE END SECTION / TOE WALL	LS	2.00	\$ 1,400.00	\$ 2,800.00
DETENTION OUTLET CONTROL STRUCTURE	EA	1.00	\$ 5,000.00	\$ 5,000.00
4' x 4' STORM FIELD INLET	EA	6.00	\$ 4,500.00	\$ 27,000.00
5' x 4' STORM CURB INLET	EA	6.00	\$ 3,800.00	\$ 22,800.00
TOTAL COST = \$				407,897.97