

ENGINEERING COST ESTIMATE

ENGINEERING SOLUTIONS

50 SE 30TH STREET
LEE'S SUMMIT, MO

DATE:
4/18/2024

PROJECT NAME:

THE HAVEN AT DOUGLAS STATION

SITE LOCATION:

3 NE SYCAMORE ST

Lee's Summit, MO

Application Number PL2023213

ITEM AND DESCRIPTION	UNIT	ESTIMATED QUANTITY	LABOR AND MATERIAL COST PER UNIT	COST PER ITEM
ASPHALT PAVING	S.Y.	10,397.00	\$ 28.75	\$ 298,913.75
PUBLIC SIDEWALK	S.F.	4,385.00	\$ 4.00	\$ 17,540.00
PRIVATE SIDEWALK	S.F.	16,350.00	\$ 5.00	\$ 81,750.00
GEOGRID	S.Y.	11,708.00	\$ 3.25	\$ 38,051.00
MoDOT Type 5 Base	S.Y.	11,708.00	\$ 6.50	\$ 76,102.00
KCMMB ENTRANCE	UNIT	2	\$ 1,750.00	\$ 1,750.00
CURBING	FT	3,630.00	\$ 14.00	\$ 50,820.00
ADA SIDEWALK RAMP	UNIT	4	\$ 500.00	\$ 2,000.00
SANITARY 6" PVC SDR 26 Service Line	FT	418.00	\$ 23.90	\$ 9,990.20
TRACER WIRE AND EQUIPMENT	FT	418.00	\$ 1.00	\$ 418.00
CLEARING, GRADING & GRUBBING	LS	1	\$ 70,000.00	\$ 70,000.00
SILT FENCE	FT	4,975.00	\$ 1.25	\$ 6,218.75
INLET PROTECTION	UNIT	30	\$ 80.00	\$ 2,400.00
SEEDING / MULCHING/ FERTILIZING	AC	7.50	\$ 1,200.00	\$ 9,000.00
CONST. ENTRANCE	UNIT	2	\$ 1,750.00	\$ 3,500.00
STORM				
36" HDPE	FT	754.06	\$ 60.00	\$ 45,243.60
24" HDPE	FT	93.63	\$ 30.50	\$ 2,855.72
18" HDPE	FT	295.18	\$ 30.50	\$ 9,002.99
15" HDPE	FT	773.46	\$ 27.70	\$ 21,424.84
5' x 5' JUNCTION BOX	EA	1	\$ 4,400.00	\$ 4,400.00
5' x 4' STORM CURB INLET	EA	13	\$ 3,800.00	\$ 49,400.00
CONNECTION TO EXISTING STORM SEWER	LS	1	\$ 500.00	\$ 500.00
4' x 4' STORM FIELD INLET	EA	3	\$ 4,500.00	\$ 13,500.00
2" Type K Soft Copper Water Service Line	FT	1,149.00	\$ 20.00	\$ 22,980.00
WATER METER	UNIT	1	\$ 150.00	\$ 150.00
8" C900 DR18 CLASS 200 PVC	FT	762.41	\$ 35.00	\$ 26,684.35
THRUST BLOCKS	UNIT	7	\$ 400.00	\$ 2,800.00
FIRE HYDRANT ASSEMBLY	UNIT	2	\$ 5,100.00	\$ 10,200.00
BACKFLOW VAULT	UNIT	1	\$ 7,500.00	\$ 7,500.00
8" GATE VALVE/ VALVE BOX & COVER	UNIT	1	\$ 1,200.00	\$ 1,200.00
TEES, BENDS, CROSSES	LS	7	\$ 550.00	\$ 3,850.00
			Total Cost =	\$ 890,145.20