ENGINEERING COST ESTIMATE

ENGINEERING SOLUTIONS

50 SE 30TH STREET
LEE'S SUMMIT, MO

DATE:
5/8/2023

PROJECT NAME:
TOWN CENTRE

SITE LOCATION:

Lee's Summit, MO

ITEM AND DESCRIPTION	UNIT	ESTIMATED QUANTITY	LABOR AND MATERIAL COST PER UNIT	COST PER ITEM
ASPHALT PAVING	S.Y.	25,312.00	$ 25.00	$ 632,800.00
CONCRETE PAVING	S.Y.	5,582.00	$ 30.00	$ 167,460.00
PUBLIC SIDEWALK	S.F.	1,330.00	$ 4.00	$ 5,320.00
PRIVATE SIDEWALK	S.F.	760.00	$ 5.00	$ 3,800.00
GEOGRID	S.Y.	26,152.00	$ 3.25	$ 84,994.00
MoDOT Type 5 Base	S.Y.	26,152.00	$ 6.50	$ 169,988.00
KCMMB ENTRANCE	UNIT	3	$ 1,750.00	$ 5,250.00
CURBING	FT	7,874.00	$ 9.25	$ 72,834.50
ADA SIDEWALK RAMP	UNIT	6	$ 500.00	$ 3,000.00
SANITARY 8" PVC SDR 26 Service Line	FT	197.41	$ 28.00	$ 5,527.48
TRACER WIRE AND EQUIPMENT	FT	197.41	$ 1.00	$ 197.41
CLEARING, GRADING & GRUBBING	LS	1	$ 70,000.00	$ **70,000.00**
SILT FENCE	FT	10,800.00	$ 1.25	$ **13,500.00**
INLET PROTECTION	UNIT	29.00	$ 80.00	$ **2,320.00**
SEEDING / MULCHING/ FERTILIZING	AC	10.27	$ 1,200.00	$ **12,324.00**
CONST. ENTRANCE	UNIT	3	$ 1,750.00	$ **5,250.00**
STORM				
36" HDPE	FT	527.44	60.00	$ **31,646.40**
30" HDPE	FT	338.67	$ 50.30	$ **17,035.10**
24" HDPE	FT	546.37	$ 40.30	$ **22,018.71**
18" HDPE	FT	628.86	$ 30.50	$ **19,180.23**
15" HDPE	FT	1,066.48	$ 27.70	$ **29,541.50**
5' x 4' STORM CURB INLET	EA	20.00	$ 3,800.00	$ **76,000.00**
15" HDPE END SECTION / TOE WALL	LS	1	$ 800.00	$ **800.00**
36" HDPE END SECTION / TOE WALL	LS	2.00	$ 2,200.00	$ 4,400.00
4' x 4' STORM FIELD INLET	EA	1	$ 4,500.00	4500.00
SANITARY				
8" PVC SDR 26 Service Line	LF	197.41	$ 32.00	$ **6,317.12**
CONNECTION TO EXISTING SANITARY SEWER	LS	1.00	$ 500.00	$ **500.00**
TRACER WIRE AND EQUIPMENT	L.F.	197.41	$ 1.00	$ **197.41**
WATER				
2" Type K Soft Copper Water Service Line	FT	93.00	$ 24.00	$ 2,232.00
8" C900 PVC CLASS 200	FT	1,654.00	$ 32.00	$ 52,928.00
BACKFLOW VAULT	UNIT	2	$ 7,500.00	$ 15,000.00
			Total Cost =	**$ 1,536,861.86**