

ENGINEERING COST ESTIMATE

ENGINEERING SOLUTIONS

50 SE 30TH STREET
LEE'S SUMMIT, MO

DATE:
5/18/2023

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