



MCPL LEE'S SUMMIT BRANCH BUILDING ADDITION (PL2021168)

Site and Utility Construction

ENGINEER'S ESTIMATE OF PROBABLE COST

PREPARED BY OLSSON

June 11, 2021



PROJECT #: B18-0330 (WP #15)

Description	Quantity	Unit	Unit Cost	Subtotal
SITE WORK				
DEMOLITION	1	LS	\$ 28,000.00	\$ 28,000.00
EXCAVATION	456	SY	\$ 6.00	\$ 2,736.00
EMBANKMENT	205	SY	\$ 11.00	\$ 2,255.00
FINISH GRADING	825	SY	\$ 2.00	\$ 1,650.00
SEGMENTAL RETAINING WALL	140	SF (FACE)	\$ 25.00	\$ 3,500.00
EROSION CONTROL	1	LS	\$ 8,500.00	\$ 8,500.00
PAVEMENT AND CURB & GUTTER				
HEAVY DUTY CONCRETE PAVEMENT	128	SY	\$ 110.00	\$ 14,080.00
HEAVY DUTY ASPHALT PAVEMENT	3118	SY	\$ 90.00	\$ 280,620.00
LIGHT DUTY ASPHALT PAVEMENT	1598	SY	\$ 98.00	\$ 156,604.00
CURB & GUTTER	2148	LF	\$ 24.00	\$ 51,552.00
BASE ROCK	810	CY	\$ 45.00	\$ 36,450.00
SUBGRADE	43596	SF	\$ 2.00	\$ 87,192.00
SIDEWALK	536	SY	\$ 95.00	\$ 50,920.00
WATER UTILITIES				
6" WATER LINE	33	LF	\$ 80.00	\$ 2,640.00
RELOCATE EXISTING HYDRANT	1	EA	\$ 1,500.00	\$ 1,500.00
SANITARY SEWER UTILITIES				
4" PVC PIPE (SERVICE)	1	LF	\$ 50.00	\$ 50.00
WYES	1	EA	\$ 250.00	\$ 250.00
CLEANOUTS	1	EA	\$ 700.00	\$ 700.00
CONNECTION TO BUILDING	1	EA	\$ 600.00	\$ 600.00
STORM UTILITIES				
8" STORM PIPE	286	LF	\$ 60.00	\$ 17,160.00
12" STORM PIPE	87	LF	\$ 65.00	\$ 5,655.00
15" STORM PIPE	333	LF	\$ 70.00	\$ 23,310.00
24" STORM PIPE	148	LF	\$ 85.00	\$ 12,580.00
8" TRENCH DRAIN	30	LF	\$ 75.00	\$ 2,250.00
CURB INLET	5	EA	\$ 4,800.00	\$ 24,000.00
AREA INLET	1	EA	\$ 4,100.00	\$ 4,100.00
GRATE INLET	1	EA	\$ 4,200.00	\$ 4,200.00
JUNCTION BOX	2	EA	\$ 3,500.00	\$ 7,000.00
RECONSTRUCT AREA INLET	1	EA	\$ 5,500.00	\$ 5,500.00
NYLOPLAST STRUCTURE	2	EA	\$ 2,500.00	\$ 5,000.00
COMPACTED FILL	32	CY	\$ 12.00	\$ 384.00

TOTAL PROBABLE COST \$ 840,938.00