

OPINION OF PROBABLE COST

PROJECT: Firestone - 3501 SW. Market Street, Lee's Summit, MO

PROJECT NO. 40831.45

PREPARED BY: Gresham Smith

ISSUED BY: Joe Johnston ISSUE DATE: 5/8/2020

REVISED: 6/15/2020

NO.	ITEM	QUANTITY	UNIT	PRICE	AMOUNT
Onsite Improvements					
	Jack & Bore Market Street	50	LF	\$ 250.00	\$ 12,500
	Curb Removal	62	LF	\$ 10.00	\$ 620
	Cut & Fill Volume (Detention/Retention)	740	CY	\$ 8.00	\$ 5,920
	Cut & Fill Volume (Grading)	710	CY	\$ 8.00	\$ 5,680
	6" PVC Sanitary Sewer, 4' Average Depth	125	LF	\$ 45.00	\$ 5,625
	4" PVC Sanitary Sewer, 4' Average Depth	45	LF	\$ 35.00	\$ 1,575
	Cleanouts	6	EA	\$ 100.00	\$ 600
	Sewer Tap	1	EA	\$ 1,000.00	\$ 1,000
	Grease Trap	1	EA	\$ 2,500.00	\$ 2,500
	8" Private Fire Line	195	LF	\$ 65.00	\$ 12,675
	6" Private Fire Line	35	LF	\$ 50.00	\$ 1,750
	8" Gate Valve	1	EA	\$ 500.00	\$ 500
	Private Fire Hydrant	1	EA	\$ 3,500.00	\$ 3,500
	DDCV and Vault	1	EA	\$ 15,000.00	\$ 15,000
	FDC	1	EA	\$ 1,000.00	\$ 1,000
	8" Concrete Driveway Pavement	40	SY	\$ 80.00	\$ 3,200
	Concrete Pavement Dumpster	42	SY	\$ 80.00	\$ 3,360
	Light Duty Asphalt Pavement (Full depth)	750	SY	\$ 35.00	\$ 26,250
	Heavy Duty Asphalt Pavement (Full depth)	1,085	SY	\$ 45.00	\$ 48,825
	Sidewalk Improvements - Onsite	1,915	SF	\$ 4.00	\$ 7,660
	Public Sidewalk Improvements - 5' Wide	295	LF	\$ 20.00	\$ 5,900
	ADA Ramps	2	EA	\$ 500.00	\$ 1,000
	Curb & Gutter (Stone Depth 1' Beyond Back of Curb)	654	LF	\$ 22.50	\$ 14,715
	Erosion Control	800	LF	\$ 10.00	\$ 8,000
	Construction Entrance	1	LS	\$ 1,000.00	\$ 1,000
	Rip Rap Aprons	3	LS	\$ 400.00	\$ 1,200
	12" HDPE Storm	301	LF	\$ 45.00	\$ 13,545
	4" HDPE Storm	84	LF	\$ 20.00	\$ 1,680
	Junction Box	1	LF	\$ 2,000.00	\$ 2,000
	Inlets	3	EA	\$ 3,500.00	\$ 10,500
	Headwall	3	EA	\$ 2,500.00	\$ 7,500
	Pond Outfall Structure	1	EA	\$ 3,500.00	\$ 3,500
	Sod	980	SY	\$ 6.00	\$ 5,880
	Seed	2,255	SY	\$ 1.10	\$ 2,481
	North American Green Fabric	1,430	SY	\$ 4.00	\$ 5,720
	Temporary Skimmer	1	EA	\$ 750.00	\$ 750
	Striping	1	LS	\$ 2,000.00	\$ 2,000
	Wheel Stop	2	EA	\$ 45.00	\$ 90
	Bollards	6	EA	\$ 100.00	\$ 600
	Subtotal				\$ 247,801
Public Water Line Extension					
	Jack & Bore Summercrest	50	LF	\$ 250.00	\$ 12,500
	8" Tapping Sleeve & Valve	1	EA	\$ 1,000.00	\$ 1,000
	8" Public Water Line with Fittings	285	LF	\$ 65.00	\$ 18,525
	Public Fire Hydrant & Assembly	1	EA	\$ 3,500.00	\$ 3,500
	8" Gate Valves	4	EA	\$ 500.00	\$ 2,000
	Side Walk Removal & Replacement	850	SF	\$ 15.00	\$ 12,750
	Erosion Control/Silt Fence	340	LF	\$ 10.00	\$ 3,400
	Seed & Straw	200	SY	\$ 1.10	\$ 220
	Subtotal				\$ 53,895
	Total				\$ 301,696
	Engineering Plan Review and Inspection Fee		3% of valuation		\$ 9,051

Since we do not have control over the cost of labor, materials or equipment, or over the Contractor's method of costing in the marketplace, the opinion of probable cost as herein stated is made on the basis of our experience and qualifications and represent our best judgement as a design professional familiar with the construction industry. However, we cannot guarantee that bids or the construction cost will not vary from these probable cost opinions. If the Owner desires greater assurance of the cost of construction, it is recommended he employ an independent cost estimator.

