



Engineer's Cost Estimate
FOR
The Village at Discovery
Lots 5-8

PROJECT NO.
230286



July 23, 2024



ENGINEERING CONSULTANTS

The Village at Discovery Lots 5-8

OPINION OF PROBABLE COST

July 23, 2024

ITEM DESCRIPTION	QUANTITY	UM	UNIT PRICE	TOTAL PRICE
Mobilization	1	LS	\$ 80,000.00	\$ 80,000.00
Straw Wattle	784	LF	\$ 2.00	\$ 1,568.00
Curb Inlet protection	11	EA	\$ 100.00	\$ 1,100.00
Area Inlet protection	8	EA	\$ 125.00	\$ 1,000.00
Construction Entrance	1	EA	\$ 1,500.00	\$ 1,500.00
Concrete Washout	1	EA	\$ 1,500.00	\$ 1,500.00
Grading	6,200	CY	\$ 4.00	\$ 24,800.00
5' x 5' Junction Box	1	EA	\$ 4,500.00	\$ 4,500.00
3' x 3' Junction Box/Catch Basin	2	EA	\$ 3,500.00	\$ 7,000.00
3' x 2' Type A Inlet	8	EA	\$ 2,500.00	\$ 20,000.00
10" End of Line Drain	5	EA	\$ 500.00	\$ 2,500.00
10" Nyloplast Drain Basin	2	EA	\$ 1,250.00	\$ 2,500.00
12" Nyloplast Drain Basin	2	EA	\$ 1,500.00	\$ 3,000.00
15" Nyloplast Drain Basin	1	EA	\$ 2,000.00	\$ 2,000.00
24" Nyloplast Drain Basin	1	EA	\$ 2,700.00	\$ 2,700.00
6" PVC	46	LF	\$ 15.00	\$ 690.00
8" PVC	80	LF	\$ 20.00	\$ 1,600.00
10" PVC	770	LF	\$ 25.00	\$ 19,250.00
12" HDPE	250	LF	\$ 25.00	\$ 6,250.00
15" HDPE	300	LF	\$ 30.00	\$ 9,000.00
18" HDPE	250	LF	\$ 40.00	\$ 10,000.00
24" HDPE	87	LF	\$ 50.00	\$ 4,350.00
4' ID Sanitary Manhole	1	EA	\$ 3,000.00	\$ 3,000.00
8" Sanitary Cleanout	1	EA	\$ 1,000.00	\$ 1,000.00
6" Sanitary Cleanout	4	EA	\$ 750.00	\$ 3,000.00
8" SDR 26 PVC	450	LF	\$ 35.00	\$ 15,750.00
6" SDR 26 PVC	125	LF	\$ 25.00	\$ 3,125.00
2" Type K Soft Copper service line	190	LF	\$ 50.00	\$ 9,500.00
3" CPVC	205	LF	\$ 10.00	\$ 2,050.00
4" CPVC	135	LF	\$ 20.00	\$ 2,700.00
6" CPVC Waterline	762	LF	\$ 60.00	\$ 45,720.00
6" Valves	12	EA	\$ 500.00	\$ 6,000.00
6" x 6" Tee	1	EA	\$ 300.00	\$ 300.00
8" x 6" Tee	2	EA	\$ 500.00	\$ 1,000.00
Fire Hydrant Assemblies	5	EA	\$ 4,000.00	\$ 20,000.00
Adjust/Relocate utility structures to finish grade	5	EA	\$ 2,000.00	\$ 10,000.00
4" Concrete Sidewalk w/ base	13,450	SF	\$ 5.00	\$ 67,250.00
6" Concrete Pavement w/ base	10,552	SY	\$ 60.00	\$ 633,120.00
8" Concrete Pavement w/ base	180	SY	\$ 80.00	\$ 14,400.00
Concrete Ramps	9	EA	\$ 1,000.00	\$ 9,000.00
Stairs w/ handrail	6	EA	\$ 1,000.00	\$ 6,000.00
Striping and Signage	3,478	LF	\$ 2.50	\$ 8,695.00
Jointing Pavement	12,226	SY	\$ 2.50	\$ 30,565.00
Seed and Mulch	1.4	AC.	\$ 2,000.00	\$ 2,800.00
TOTAL ESTIMATE				\$ 1,101,783.00

This estimate is required and performed in accordance to City of Lee's Summit Unified Development Code Section 3.415. It is based on opinion and shall not hold the Engineer liable for any variations in final construction costs or bids.