



The Village at Discovery Park Zone 1
 Project No.: D21-04643
 11/10/2023
 For: the City of Lee's Summit, MO

Opinion of Probable Cost Public Sanitary Sewer Plans Based on Final Plans

ITEM OF WORK	QUANTITY	UNIT	UNIT COST	COST
SANITARY SEWERS				
Mains (0' - 16' deep)				
8" PVC (SDR-21)	79.92	L.F.	\$60.00	\$4,795.20
8" PVC (SDR-26)	1892.91	L.F.	\$45.00	\$85,180.95
8" DIP	119.03	L.F.	\$64.00	\$7,617.92
12" PVC	673.76	L.F.	\$65.00	\$43,794.40
12" DR-11 HDPE	1837.54	L.F.	\$45.00	\$82,689.30
Bends				
12" Bends w/ Thrust Blocks	9.00	Ea.	\$672.00	\$6,048.00
Laterals				
6" Pipe	247.83	L.F.	\$32.00	\$7,930.56
Caps/Markings	7.00	Ea.	\$25.00	\$175.00
Service Line Connections (Wyes, Bends, Risers)				
12" Mains	7.00	Ea.	\$440.00	\$3,080.00
Manholes				
4' dia.	15.00	Ea.	\$10,500.00	\$157,500.00
5' dia.	6.00	Ea.	\$13,000.00	\$78,000.00
Drop Addition	16.77	V.F.	\$200.00	\$3,354.00
Adjust Existing Manhole	2.20	V.F.	\$600.00	\$1,320.00
Connect to Existing Force Main	2.00	Ea.	\$4,000.00	\$8,000.00
Connect to Existing Manhole	3.00	Ea.	\$3,000.00	\$9,000.00
Air Release Assembly				
12" Mains	2.00	Ea.	\$5,900.00	\$11,800.00
Steel Casing				
24" Steel Casing	166.82	L.F.	\$400.00	\$66,728.00
Miscellaneous				
Straddle Block	5.00	Ea.	\$2,000.00	\$10,000.00
Subtotal				\$587,013.33
DEMOLITION				
12" Sanitary Sewer (Abandon or Remove)	660.88	L.F.	\$16.00	\$10,574.08
12" Force Main (Abandon or Remove)	1843.95	L.F.	\$16.00	\$29,503.20
Sanitary Structure	4.00	Ea.	\$700.00	\$2,800.00
Subtotal				\$42,877.28
MISC. EXTRAS & OVERRUNS (10%)				\$62,989.06
GRAND TOTAL				\$692,879.67

Final construction costs may be impacted by input from local, state, and federal regulatory authorities. Estimate does not include state or federal regulatory permit fees or potential mitigation cost for stream and wetland impacts.

Construction costs are subject to unit cost increases due to inflation and market factors beyond control or unknown to consultant at time of estimate.

We do not guarantee that our opinions will not differ materially from negotiated prices or bids. If assurances as to probable construction costs are desired, an independent estimator or contractor should be employed.

