



9001 State Line Rd., Ste. 200  
 Kansas City, MO 64114  
 [P] 816.361.0440  
 [F] 816.361.0045  
 LampRynearson.com

2/15/2023

PRELIMINARY ENGINEER'S CONSTRUCTION COST ESTIMATE					
5th Street Terrace Subdivision					
Osawatomie, Kansas					
Item No.	Item Description	Unit	Estimated Quantity	Unit Price	Total
1	Mobilization	LS	1	\$30,000.00	\$30,000.00
2	Clearing and Grubbing	LS	1	\$30,000.00	\$30,000.00
3	Mass Grading (12" average assumed)	CY	15,000	\$7.00	\$105,000.00
4	8" Asphaltic Concrete (APWA Type 5)	SY	3,750	\$45.00	\$168,750.00
5	6" Subgrade Stabilization	SY	4,536	\$7.00	\$31,752.00
6	Curb and Gutter (CG-2) (KCMMB4K)	LF	3,010	\$25.00	\$75,250.00
7	4" Concrete Sidewalk (KCMMB4k) (Tracts Only)	SF	2,464	\$7.00	\$17,248.00
8	ADA Sidewalk Ramps (KCMMB4K)	EA	2	\$2,400.00	\$4,800.00
9	Curb Inlet (6'x4')	EA	6	\$7,500.00	\$45,000.00
10	Area Inlet (4'x4')	EA	3	\$6,500.00	\$19,500.00
11	Junction Box (4'x4')	EA	1	\$5,000.00	\$5,000.00
12	Flared End Section (36")	EA	2	\$2,500.00	\$5,000.00
13	Flared End Section (18")	EA	4	\$1,500.00	\$6,000.00
14	Storm Sewer (HDPE) (36")	LF	135	\$95.00	\$12,825.00
15	Storm Sewer (HDPE) (30")	LF	315	\$85.00	\$26,775.00
16	Storm Sewer (HDPE) (24")	LF	365	\$70.00	\$25,550.00
17	Storm Sewer (HDPE) (18")	LF	230	\$60.00	\$13,800.00
18	Storm Sewer (HDPE) (15")	LF	380	\$55.00	\$20,900.00
19	Sanitary Sewer Manhole	EA	3	\$6,000.00	\$18,000.00
20	8" PVC (SDR-26)	LF	450	\$60.00	\$27,000.00
21	4" PVC (SDR-26)	LF	460	\$45.00	\$20,700.00
22	Sanitary Sewer Tee (8"x4")	EA	23	\$500.00	\$11,500.00
23	Connect to Existing (Sanitary Sewer)	EA	1	\$2,000.00	\$2,000.00
24	Water Main (8") (PVC C900)	LF	440	\$70.00	\$30,800.00
25	Water Fittings	EA	20	\$600.00	\$12,000.00
26	Connect to Existing (Water)	EA	2	\$2,500.00	\$5,000.00
27	Fire Hydrant Assembly	EA	2	\$6,100.00	\$12,200.00
28	Detention Basin	LS	1	\$50,000.00	\$50,000.00
29	Outfall Control Structure	LS	1	\$10,000.00	\$10,000.00
30	Power Conduit	LF	1,800	\$25.00	\$45,000.00
31	Set Electrical Bases	EA	15	\$600.00	\$9,000.00
32	Street Lights	EA	6	\$5,000.00	\$30,000.00
33	Seeding	AC	11	\$2,000.00	\$21,000.00
34	Erosion Control	LS	1	\$15,000.00	\$15,000.00

Subtotal: \$962,350.00  
 Contingency (30%): \$288,705.00  
 \$1,251,055.00

**Notes**

1. Sidewalks in front of lots are excluded (to be constructed by home builders).
2. Water service taps, service lines and meters are excluded.
3. Existing water main is located under proposed pavement, and remains in that location with this estimate.
4. Estimate excludes power cable and street light wiring.
5. Subsurface conditions are unknown. Contingency covers rock excavation / dewatering if encountered.