

UNIT COSTS FOR CONSTRUCTION OF GRAVITY SEWERS (a) (b) (c)

Pipe Diameter (in)	Depth (ft)										
	8	10	12	14	16	18	20	22	24	26	28
6	\$45.07	\$48.78	\$51.78	\$55.46	\$59.82	\$66.27	\$74.09	\$84.25	\$97.72	\$112.90	\$133.79
8	\$54.34	\$60.30	\$63.83	\$68.32	\$73.61	\$81.51	\$91.25	\$103.71	\$119.93	\$138.55	\$164.19
10	\$65.58	\$74.59	\$78.90	\$84.30	\$90.81	\$100.66	\$112.69	\$128.29	\$148.45	\$171.49	\$203.23
12	\$76.97	\$87.54	\$92.49	\$98.83	\$106.83	\$118.39	\$132.60	\$150.94	\$175.04	\$202.22	\$239.64
15	\$95.47	\$108.58	\$114.09	\$120.73	\$129.31	\$141.03	\$155.92	\$174.02	\$197.04	\$225.26	\$264.81
18	\$115.76	\$131.66	\$137.32	\$144.55	\$153.82	\$167.02	\$181.87	\$201.06	\$224.41	\$252.75	\$292.55
21	\$139.58	\$158.75	\$165.15	\$172.66	\$182.61	\$195.62	\$211.96	\$232.23	\$256.29	\$284.76	\$325.73
24	\$164.76	\$187.38	\$196.71	\$204.75	\$215.44	\$229.69	\$247.14	\$267.72	\$291.78	\$320.58	\$362.95
27	\$174.29	\$198.22	\$205.89	\$216.15	\$229.60	\$247.21	\$267.84	\$292.74	\$322.21	\$353.12	\$399.78
30	\$195.45	\$222.29	\$230.66	\$241.64	\$255.79	\$273.43	\$294.32	\$320.76	\$351.49	\$383.72	\$434.43
33	\$209.33	\$238.08	\$247.19	\$258.34	\$273.03	\$290.95	\$312.45	\$340.10	\$372.05	\$406.09	\$459.75

(a) Based on the Sacramento Area Sewer District (SASD) Standards and Specifications, Type II Bedding and Initial Backfill.

(b) ENR 14337 - Average of 20 Cities and San Francisco, January 2023

(c) \$5.49 per cu.yd. For mechanical compaction of intermediate backfill

ADDITIONAL COST ITEM:

- Manholes:

4' MH =	\$3,307	for 7' depth plus	\$271 /ft over 7 ft.
5' MH =	\$4,614	for 8' depth plus	\$475 /ft over 8 ft.
6' MH =	\$6,438	for 8' depth plus	\$832 /ft over 8 ft.