



Engineer's Opinion of Probable Construction Costs

NERRADSCALI SUBDIVISION ON-SITE IMPROVEMENTS

905 North Ave

Sacramento, CA 95838

December 6, 2023

CWE Project No. R21188

		Estimated Cost			
I.	On-Site Grading and Paving	\$182,039			
II.	On-Site Storm Drain	\$76,204			
III.	On-Site Sanitary Sewer	\$51,990			
IV.	On-Site Water System	\$42,820			
V.	On-Site Miscellaneous	\$148,880			
	Total On-Site Estimated Costs	\$501,933			
	Subtotal On-Site:	\$501,933			
	15% Contingency:	\$75,290			
	TOTAL OF ESTIMATED COSTS:	\$577,223			

Item No.	Description	Quantity	Unit	Unit Cost	Total Item Cost
I. ON-SITE GRADING & PAVING					
1	Clear & Grub	1.1	AC	\$2,200.00	\$2,398
2	Excavation and Grading	1,100	CY	\$30.00	\$33,000
3	Earthwork Export	690	CY	\$50.00	\$34,500
4	Hot Mix Asphalt	131	TON	\$140.00	\$18,361
5	Class 2 Aggregate Base	340	CY	\$100.00	\$34,000
6	Heavy Duty Concrete Paving	4,630	SF	\$8.00	\$37,040
7	Light Duty Concrete Paving	2,148	SF	\$5.00	\$10,740
8	Tree removal	20	EA	\$600.00	\$12,000
				Subtotal	\$182,039
II. ON-SITE STORM DRAIN					
9	12" Storm Drain Pipe (SDR-35 PVC)	184	LF	\$90.00	\$16,560
10	18" Storm Drain Pipe (SDR-35 PVC)	250	LF	\$120.00	\$30,000
11	48" Manhole	1	EA	\$4,000.00	\$4,000
12	Type 1 Drain Inlet	3	EA	\$2,000.00	\$6,000
13	24" Nyloplast Drain Basin with Dome Grate	1	EA	\$2,000.00	\$2,000
14	Flared End Section with Rock Slope Protection	3	EA	\$2,000.00	\$6,000
15	Detention Basin	1,500	SF	\$3.00	\$4,500
16	Drainage Swale	760	LF	\$9.40	\$7,144
				Subtotal	\$76,204
III. ON-SITE SANITARY SEWER					
17	6" Sewer Pipe (SDR-35 PVC)	311	LF	\$65.00	\$20,215
18	4" Sewer Pipe (SDR-35 PVC)	105	LF	\$55.00	\$5,775
19	Two-Way Cleanout	7	EA	\$2,500.00	\$17,500
20	One-Way Cleanout	1	EA	\$2,500.00	\$2,500
21	48" Sewer Manhole	1	EA	\$6,000.00	\$6,000
				Subtotal	\$51,990
IV. ON-SITE WATER					
22	6" PVC C900	333	LF	\$40.00	\$13,320
23	6" Gate Valve	3	EA	\$2,500.00	\$7,500
24	1" Water Meter Service Connection	8	EA	\$2,500.00	\$20,000
25	2" Blow Off Valve	1	EA	\$2,000.00	\$2,000
				Subtotal	\$42,820
V. MISCELLANEOUS					
26	Fencing	547	LF	\$30.00	\$16,410
27	6' High Security Fence for Detention Basin	143	LF	\$40.00	\$5,720
28	Erosion & Sediment Control	1.1	AC	\$2,500.00	\$2,750
29	Landscaping	31,000	SF	\$4.00	\$124,000
				Subtotal	\$148,880