

**Chula Vista Light Rail Corridor Improvements
Cost Estimate - E Street (in 2012 \$)**

Item No.	Item	Units	Unit Price	E1 - E Street Over Road		E4 - E Street Under Current	
				Quantity	Total	Quantity	Total
1	Mobilization	LS	\$1,000,000	1	\$1,000,000	1	\$1,000,000
2	Guideway on Retained Fill (Concrete Walls)	2 Track Foot	\$3,000	830	\$2,490,000	0	\$0
3	Aerial Guideway	SF	\$180	42855	\$7,713,900	0	\$0
4	Station on Aerial Structure	LS	\$6,500,000	1	\$6,500,000	0	\$0
5	Soldier Pile Retaining Wall	SF	\$150	0	\$0	88936	\$13,340,400
6	Tie-Back Anchor	EA	\$4,000	0	\$0	100	\$400,000
7	Structural Concrete (Retaining Wall)	CY	\$550	0	\$0	236	\$129,800
8	Precast Voided Slab Bridge w/ Abutments	SF	\$275	0	\$0	4675	\$1,285,625
9	Earthwork: Cut & Export	CY	\$43	0	\$0	50680	\$2,179,240
10	Station Below Grade	LS	\$6,500,000	0	\$0	1	\$6,500,000
11	Track: Direct Fixation	TF	\$304	4120	\$1,252,480	4290	\$1,304,160
12	Track: Ballasted	TF	\$187	3600	\$673,200	4500	\$841,500
13	Track Removal	TF	\$116	5204	\$603,664	3400	\$394,400
14	Catenary	TM	\$1,320,000	1.31	\$1,729,200	0.85	\$1,125,000
15	#10 Turnout	EA	\$100,000	2	\$200,000	2	\$200,000
16	Relocate Fiber Optic Line	LF	\$100	524	\$52,400	524	\$52,400
17	Relocate 24" Storm Drain	LF	\$80	130	\$10,400	130	\$10,400
18	1.5'x4.5' Box Culvert	LF	\$257	0	\$0	834	\$214,338
19	Type A-5 Cleanout	EA	\$4,200	0	\$0	1	\$4,200
20	Type B-1 Inlet	EA	\$5,498	0	\$0	2	\$10,996
21	Relocate 4" HP Gas Line Through Bridge	LF	\$60	0	\$0	145	\$8,700
22	Relocate 12kV Underground Through Bridge	LF	\$60	0	\$0	80	\$4,800
23	Relocate 12" Water Line Through Bridge	LF	\$180	0	\$0	60	\$10,800
24	Stom Water Pump Station	LS	\$65,000	0	\$0	1	\$65,000
25	Relocate Billboard Structure	EA	\$12,000	0	\$0	1	\$12,000
SubTotal					\$22,225,244		\$29,093,759
Contingency (25%)					\$5,556,311		\$7,273,440
Total					\$27,781,555		\$36,367,199