

TORREY PINES ROAD CONCEPTUAL COST ESTIMATE WITH ALTERNATES TO SEGMENTS 1 AND 2

DESCRIPTION	QTY	UNIT	\$/UNIT	TOTAL
Mobilization/ Demobilization	1	LS	\$600,000	\$600,000
Bond and Field Orders	1	LS	\$1,000,000	\$1,000,000
Stormwater Control Measures	1	LS	\$1,154,000	\$1,154,000
Remove & Dispose AC Pavement	17,500	SF	\$4	\$70,000
Cold Mill Pavement	9,100	LF	\$3	\$23,660
Asphalt Concrete Pavement Overlay	294,000	SF	\$3	\$882,000
Remove & Dispose of Sidewalk	17,200	SF	\$2	\$36,120
Sidewalk per G-7	35,500	SF	\$6	\$227,200
Remove and Dispose of Curb and Gutter	7,700	LF	\$3	\$25,410
Curb and Gutter Type G	8,400	LF	\$24	\$203,280
Remove and Dispose of Retaining Walls (shotcrete)	11,675	SF	\$10	\$116,750
Remove and Dispose of Retaining Walls (Cement Block)	1,300	SF	\$10	\$13,000
Retaining Wall Sta. 12+80-16+00 Soil Nail w/concrete façade	6,800	SF	\$350	\$2,380,000
Retaining Wall Sta. 15+50-16+60 Soil Nail w/concrete façade	1,500	SF	\$350	\$525,000
Retaining Wall Sta. 17+80-20+80 Soil Nail w/concrete façade	5,100	SF	\$350	\$1,785,000
Retaining Wall Sta. 22+70-25+50 SDRSD C-11 Wall	2,100	SF	\$150	\$315,000
Retaining Wall Sta. 27+80-29+10 SDRSD C-11 Wall	1,000	SF	\$150	\$150,000
Soil Nail Wall Sta. 30+00-34+90	10,600	SF	\$200	\$2,120,000
Retaining Wall Sta. 30+00-34+90 SDRSD C-11 w/façade	6,560	SF	\$150	\$984,000
Soil Nail Sta. 35+80-37+50	3,830	SF	\$200	\$766,000
Retaining Wall Sta. 35+80-37+50 SDRSD C-11 w/façade	2,640	SF	\$150	\$396,000
Station 41+50-43+50 SDRSD C-2 block retaining wall	900	SF	\$40	\$36,000
Station 45+00-45+80 SDRSD C-2 block retaining wall	600	SF	\$40	\$24,000
Pavement Striping Removed	26,500	LF	\$3.75	\$99,375
Pavement Striping and Grooving Pavement	27,000	LF	\$1.20	\$32,400
Excavation	1,000	CY	\$50	\$50,000
Pedestrian Ramps	28	EA	\$2,000	\$56,000
Traffic Control	1	LS	\$900,000	\$900,000
Guardrail	650	LF	\$300	\$195,000
Trees	175	EA	\$2,000	\$350,000
Relocate Street Lights	6	EA	\$10,000	\$60,000
Relocate Water line AVAR valves & blowoff assemblies	5	EA	\$10,000	\$50,000
Fence: Parapet and Plexiglas type	650	LF	\$230	\$149,500
Fence: Wood and Metal fence	900	LF	\$30	\$27,000
Privacy Fence	60	LF	\$50	\$3,000

Subtotal All Items \$15,804,695
Contingency 30% \$4,741,409
Total \$20,546,104

Construction Cost Grand Total (rounded to nearest \$100,000) \$20,500,000

Additional Project Costs:

Planning	\$500,000	
Design, Construction Management & Administration	\$3,800,000	
Land Acquisition Administration	\$200,000	
Land Acquisition @ \$120/Square Foot and 11600 sq. ft.	\$1,400,000	
TOTAL	\$26,446,104	

TOTAL PROJECT COSTS (rounded to nearest \$100,000) \$26,500,000

Approximate Cost Breakdown per Segment

Segment 1 Sta. 10+00-16+80	Segment 2 Sta. 16+80-29+50	Segment 3 Sta. 29+50-35+00	Segment 4 Sta. 35+00-53+00
\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
\$ 208,427	\$ 229,775	\$ 123,596	\$ 438,202
\$ 240,525	\$ 265,161	\$ 142,629	\$ 505,685
\$ 14,590	\$ 16,084	\$ 8,652	\$ 30,674
\$ 4,931	\$ 5,436	\$ 2,924	\$ 10,368
\$ 183,833	\$ 202,662	\$ 109,011	\$ 386,494
\$ 7,528	\$ 8,299	\$ 4,464	\$ 15,828
\$ 47,355	\$ 52,205	\$ 28,081	\$ 99,560
\$ 5,296	\$ 5,839	\$ 3,141	\$ 11,135
\$ 42,369	\$ 46,709	\$ 25,124	\$ 89,078
\$ 63,000	\$ 7,500	\$ -	\$ 46,250
\$ -	\$ 13,000	\$ -	\$ -
\$ 2,380,000	\$ -	\$ -	\$ -
\$ 525,000	\$ -	\$ -	\$ -
\$ 1,785,000	\$ -	\$ -	\$ -
\$ -	\$ 315,000	\$ -	\$ -
\$ -	\$ -	\$ 150,000	\$ -
\$ -	\$ -	\$ 2,120,000	\$ -
\$ -	\$ -	\$ 984,000	\$ -
\$ -	\$ -	\$ -	\$ 766,000
\$ -	\$ -	\$ -	\$ 396,000
\$ -	\$ -	\$ -	\$ 36,000
\$ -	\$ -	\$ -	\$ 24,000
\$ 20,712	\$ 22,834	\$ 12,282	\$ 43,546
\$ 6,753	\$ 7,445	\$ 4,004	\$ 14,198
\$ 10,421	\$ 11,489	\$ 6,180	\$ 21,910
\$ 12,000	\$ 14,000	\$ 8,000	\$ 22,000
\$ 200,000	\$ 200,000	\$ 200,000	\$ 300,000
\$ 132,000	\$ 63,000	\$ -	\$ -
\$ 72,949	\$ 80,421	\$ 43,258	\$ 153,371
\$ 20,000	\$ 20,000	\$ 10,000	\$ 10,000
\$ -	\$ 20,000	\$ -	\$ 30,000
\$ 92,000	\$ 57,500	\$ -	\$ -
\$ -	\$ -	\$ 9,000	\$ 18,000
\$ -	\$ -	\$ -	\$ 3,000

\$ 6,224,690 \$ 1,814,359 \$ 4,144,347 \$ 3,621,299
\$ 1,867,407 \$544,308 \$1,243,304 \$1,086,390
\$8,092,097 \$2,358,667 \$5,387,651 \$4,707,689

\$8,100,000 \$2,400,000 \$5,400,000 \$4,700,000

	\$125,000	\$125,000	\$125,000	\$125,000
	\$1,500,000	\$400,000	\$1,000,000	\$900,000
	\$100,000	\$100,000	\$0	\$0
	\$700,000	\$400,000	\$300,000	\$0
	\$10,500,000	\$3,400,000	\$6,800,000	\$5,700,000

Notes:

- 1 Trees include retaining wall plantings and irrigation systems, root barriers, and 1 year maintenance contract. Assumes corrosion proof attachments insect/decay resistant trellis. Trellis will be from 4' to 15' height however cost is an average.
- 2 Retaining wall height from Coastal Commission and City Department of Planning and Land Use
- 3 Estimate excludes retaining wall constructed by others at approx. stations 37+40 - 40+70
- 4 Soil Nail wall costs are based on the difference between the \$350/sf wall with soil nails and the \$150/SF SDRSD C-11 retaining wall without soil nails
- 5 4-foot wide sidewalk is assumed for cost estimating. Remaining available width to be utilized for parkway strip behind sidewalk.
- 6 Land Acquisition uses estimated areas of 6000 sq ft Segment 1, 3300 sq ft Segment 2, and 2300 sq ft Segment 3.
- 7 Land acquisition administration or effort to acquire land is based on the estimated no. of properties affected.
- 8 Design and Administration includes costs for detailed design, bidding and awarding contract, construction management and City management
- 9 Land acquisition costs were based on actual real estate prices averages of \$100 per foot. A 20% contingency was added.

