

Attachment 8



Table 5-2 Recommended Hydraulic Capital Projects						
Project	Location	Existing Diameter	Replacement Diameter	Length (ft)	Approx. Cost	Comments
EXISTING SCENARIO						
1	Trunk line east of Storke Rd	24	33	1,045	\$497,400	1.0 Flat Slope
2	Trunk line to Pump Station along Mesa Rd	33	39	2,108	\$1,313,200	0.53-1.0 Only part of this project is needed for the existing scenario due to flat slope. The rest exceeds the design criteria under Isla Vista conditions.
3	Along Abrego Rd east of Camino Del Sur	6	8	213	\$49,200	0.59 Flat Slope
				Subtotal	\$1,859,800	
TEN YEAR SCENARIO						
4	Pacific Oaks Rd north of Phelps Rd	12	15	396	\$129,800	0.50-0.68 Insufficient capacity
ISLA VISTA ALTERNATIVE SIX						
5	Embarcadero Del Mar	6	8	247	\$624,700	1.0 Insufficient capacity
		6	12	246		
		8	15	1,498		
6	El Greco Rd east of Camino Pescadero	6	8	140	\$32,400	0.67 Flat Slope
7	Picasso Rd west of Embarcadero Del Norte	6	12	279	\$86,900	1.0 Flat Slope
8	Pardall Rd between Embarcadero Del Mar and Embarcadero Del Norte	6	8	485	\$344,400	0.65-1.0 Insufficient capacity
		6	12	746		
		6	8	295		
9	El Colegio Rd east of S Los Carneros Rd	6	12	500	\$721,200	0.53-1.0 Insufficient capacity
		8	12	512		
		10	15	512		
		15	18	494		
10	Embarcadero Del Norte between El Greco Rd and El Colegio Rd	6	8	240	\$157,000	0.68-1.0 Insufficient capacity
		6	12	326		
11	El Embarcadero Rd between El Nido Ln and Del Playa Dr	6	8	134	\$31,000	0.55 Insufficient capacity
12	Sabado Tarde Rd east of El Embarcadero Rd	6	8	350	\$80,900	0.65 Flat Slope
13	Del Playa Dr between El Embarcadero Rd and Camino Del Sur	8	12	1,149	\$357,900	0.5-0.53 Insufficient capacity
				Total	\$2,436,400	
				Subtotal	\$4,426,000	

(1) A priority ranking of 1 signifies the highest priority of project. These projects are due to bottlenecks or insufficient capacity and have a d/D ratio of close to 1.0. A priority ranking of 3 signifies the lowest priority of project. These projects are typically due to flat slopes, are not on critical trunklines and have d/D values of only slightly over 0.5. Projects with a priority ranking of 2 share attributes of both type 1 and type 3 projects.