

**ATTACHMENT B
GOLETA BEACH LONG TERM MASTER PLAN ALTERNATIVES - 20 YEAR COST AND FACILITY COMPARISON**

Park Amenities / Costs	Retain Existing Conditions (Repair/reconstruct all exist. revetments - one beach nourishment only)	Buried Rock Revetment with beach nourishment (includes repair and permitting of existing rock)	Beach Nourishment (Independent of removal, placement or repair of other types of structures)	Beach Stabilization (1 or 2 groins and headland with beach nourishment)	Offshore Breakwater (2 breakwaters with beach nourishment)	Managed Retreat
Lawn Area	4.03 acres	4.03 acres	4.03 acres	4.03 acres	4.03 acres	3.02 acres (at end of plan period)
Buffer Area	N/A	N/A	N/A	N/A	N/A	1.3 acres (at end of plan period)
Beach Area	3.0 acres	4.0 acres optimum with 100,000 cu.yd. sand nourishment	4.0 acres optimum with 100,000 cu.yd. sand nourishment	4.0 acres optimum with 100,000 cu.yd. sand nourishment	4.0 acres optimum with 100,000 cu.yd. sand nourishment	3.8 - 4 acres optimum
Parking Spaces	594	594	594	594	594	594
Initial Capital Cost Range	\$2.6 mill	\$ 3.85 mill	\$1.6 - \$4.0 mill	\$3.9 - 4.6 mill	\$ 3.5 mill	\$2.9 mill
Non-Construction Costs (Engineering, permits, EIR)	\$0.50	\$ 0.5 mill	\$ 0.5 mill	\$ 0.5 mill	\$0.5 mill	\$0.5 mill
Maintenance of Effort (assume beach nourishment every 2 years except where noted)	\$0.6 - 1.5 mill	\$0.6 - 1.5 mill	\$0.6 - 1.5 mill	\$0.16 - 0.5 mill	\$0.16 - 0.5 mill	Varies as facilities are relocated; up to \$4.2 mill plus beach nourishment at \$1.5 mill every 5 years
20 Year Cost Range	\$3.1 mill without beach nourishment	\$10.35 - \$19.35 mill	\$8.1 - \$19.5 mill	\$ 6.0 - 10.1 mill	\$5.6 - \$9.0 mill	\$ 9.4 - \$ 13.1 mill

Current Funding	Available for Environmental Review
FEMA / OES	Line item of \$200,000 for "Engineering Design and Environmental Compliance"; \$200,000
FEMA / OES	up to \$1.6 mill for Hazard Mitigation Project i.e. appvd. FEMA project that retains sand on the beach with high cost benefit ratio
Prop 12 / 40	\$0.5 mill
Required from General Fund to Complete Environmental Review	\$100,000