

ATTACHMENT 11

Goleta Beach Storm Events and Park Loss

Approximately 26 years ago, Goleta Beach County Park experienced incremental loss of facilities and infrastructure due to the loss of sandy beach area from El Nino type storm and wave activity. Since 1995, the park has suffered severe damage involving loss of sandy beach area, critical beach access parking and park facilities and infrastructure as shown below. Parking on the west end of the park was been lost and underground utilities were threatened. In response to the storms, emergency rock revetments were constructed and beach nourishment occurred to protect the park. A more detailed accounting of the loss that the park has suffered to date includes:

Before Storm



After Storm



Beach Parking Losses



Storm wave action –
34 parking spaces lost

Approximately 9,100 square feet of paving comprising 34 parking spaces had eroded away completely. With damages that occurred during the January 2005 El Nino event, Parks and Public Works received FEMA funding to repair and reconstruct the remaining parking area. Emergency rock revetment was placed along the western end of the park to protect remaining parking area from further erosion.

Lawn Area and Infrastructure



Park Erosion at existing restroom – 2002

The above picture illustrates a loss of approximately 41,000 square feet of lawn (almost one acre).

Family Picnic Sites



Family Picnic Tables and adjacent storm damage

There were 21 picnic sites at the park, many of which are reserved for group activities during the year. Eight of those family picnic sites have been permanently lost since 1998. In 2000, three picnic sites and an accessible viewing area were lost completely due to the erosion experienced during the storm season. These tables were permanent structures (i.e. non-removable) and have since been replaced with removable tables in other areas of the park.