



Stage 1
Same as No Project.

Interlude A
Same as No Project until construction completed.

Stage 2
Purisima protected. No further retreat of Purisima. Terrace deposits have retreated.

Interlude B
Terrace deposits continue to retreat, as for Alternative 2, but because Terrace deposits are not as steep and Sea Cliff Drive fails sooner.

Stage 3
Terrace deposits retreat far enough to cause East Cliff Drive to fail.

Interlude C
Terrace deposits continue to retreat, mainly because of infrequent large storms. Platform of exposed Purisima Formation widens.

Stage 4
Most of East Cliff Drive has failed.

Source: Griggs 2001

**Alternative 3 Erosion Estimate
Protection of Purisima Only**
Santa Cruz, California