

# SURFER'S BEACH PROJECT

## FACT SHEET (EA # 1J590)



### The Project

The project proposes to provide interim protection of Highway 1 and the California Coastal Trail by preventing collapse of the highway embankment at Surfer's Beach, in Half Moon Bay, using a shoreline protection system comprised of rock slope protection (RSP). The project also improves coastal access and recreation by formalizing a Coastal Trail segment and providing a safe access route from the trail to the beach by way of a staircase.

### The Need

The RSP-protected slope, adjacent to the project site, has been in place since the 1990's and was constructed for the purpose of slowing down the rate of coastal bluff retreat caused by wave action. It has been estimated that the coastline has eroded inland approximately 65 feet since the construction of Pillar Point Harbor's outer breakwater in 1959 and continues to pose a threat to the stability of Route 1 at this location. If unprotected, Route 1- the main regional thoroughfare- will eventually fail.

### Benefits

This partnership project will provide stability of the Route 1 embankment by reducing the rate of erosion at this location on an interim basis. It will also provide improved coastal access and recreation for bicyclists and pedestrians at Surfer's Beach by formalizing a segment of the Coastal Trail and constructing the first beach access staircase at the primary access point for beachgoers.

### Project Status

This project is currently being advertised for construction. San Mateo County hired a consultant to prepare the environmental documentation and PS&E for the project. Caltrans will advertise, award and administer the construction contract. A cooperative agreement between Caltrans and San Mateo County to cover all phases of the project has been executed.

### Project Costs

The total construction cost for this project is estimated at \$1,000,000 for the proposed RSP and staircase. An additional \$60,000 is estimated for extension of the paved trail. The County has secured \$415,000 to prepare PAED, R/W and Design for the project and contribute to the construction capital. Caltrans has programmed \$1,250,000 for the majority of the construction capital and \$300,000 for construction support through a mid-cycle amendment to the 2012 SHOPP in the 14/15 fiscal year.

### Project Schedule

Environmental Document:	April 2015
Design Complete:	May 2015
RTL and Permits:	June 2015
CTC Fund Vote:	June 2015
Construction Begin:	September 2015
Construction End:	November 2015

