



# State Route

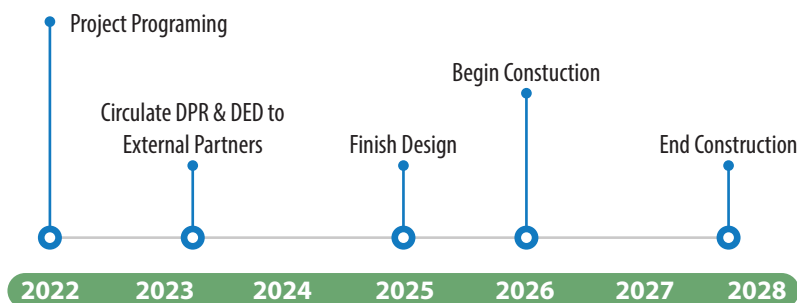
FACT SHEET

## BIG SUR HIGHWAY 1 - Your Opinion Matters

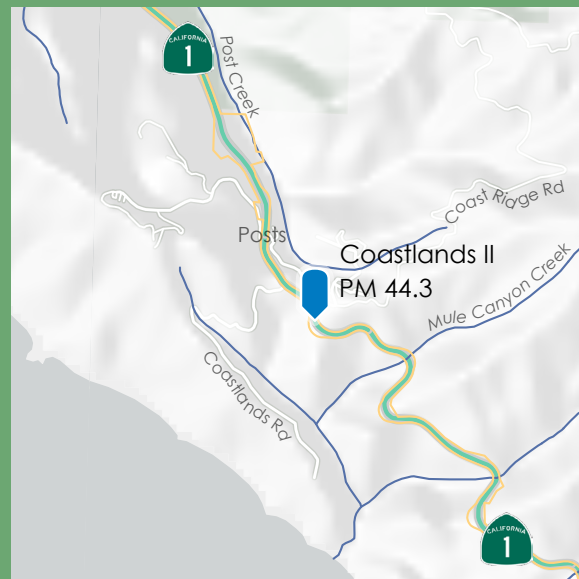
The project proposes permanent restoration of a failed timber faced Mechanically Stabilized Earth (MSE) wall along a section of State Route 1 (SR 1) in Monterey (Mon) County near Big Sur at 1.1 miles south of Pfeiffer Canyon Bridge through the construction of a soldier pile wall to replace the failed retaining wall.

Other construction items include reconstruction of part of an existing culvert system, reconstruction/rehabilitation of the southbound lane and shoulder, construction of a continuous barrier system between the Coastlands and Coastlands II walls, and any vegetation/tree removal as needed to perform the wall replacement.

### MILESTONES



### PROJECT AREA



### BRIEF HISTORY

District 5 Maintenance initiated this project as a result of the January 2021 storm that caused the existing retaining wall to fail. Caltrans staff determined that the higher than usual rainfall total from the late-January storm event saturated the wall backfill. The lateral earth pressures increased to the point where the stress upon the connection between the wall face and the soil reinforcement failed.

### WHY NOW?

An interim solution using soil nails, wire mesh, and shotcrete has been used to stabilize and protect the slope while a permanent solution is developed and was constructed with the 05-1N430 emergency repair project in June 2021. This project was initiated in June 2021 as a follow up to the 1N430 emergency repairs project.



# PROJECT ALTERNATIVES



EXISTING CONDITIONS



ALTERNATIVE 1  
ST-75 B



ALTERNATIVE 2  
MGS

