

**North Portal Slope Stabilization
(2014-C-58)**

Project Ranking

90%

Total Estimated Cost: \$40,000



Background

The Lake Cachuma Intake Tower is accessed by a paved road accessed from State Highway 154. During 2002, staff expanded the road by encroaching into the hillside in reaction to erosion and sliding on the outside section of the road. Since the initial work in 2002, destabilization of the hillside has continued making portions of the road potentially unsafe.

Need for Project

Ongoing regular use of the road is necessary to access the North Portal area. Subsequent to 2002, additional interim methods of stabilization on the road had been implemented which produced a short term benefit. Since that initial work during 2002, the existing lake level has provided a visual indication the slope continues to suffer from significant stability issues.

Description

Engineering services would be retained to conduct a Geotechnical Study/ Design, to identify and design a plan to stabilize the slope and ensure road protection and access.

Phase I (Fiscal Year 2016-17): Engineering

Phase II (Fiscal Year 2017-18): Slope Stabilization and remediation based on design plan completed in Phase I.

Regulatory Compliance

This project requires USBR environmental review.

Budget & Schedule

Internal Staff Estimate

Fiscal Year	Cost
2016-17 (Phase I)	\$ 10,000
2017-18 (Phase II)	\$ 30,000
Total	\$ 40,000