

Eucalyptus Rd. Infiltrator Repair

Presentation to FORA BOARD

December 13, 2019

*Peter Said
Senior Project Manager*

2010 FORA Completed joint construction of:

- General Jim Moore Boulevard (GJMB)
- Eucalyptus Road

2014 City of Seaside notified FORA of slope failures along Eucalyptus Road and GJMB

2015 C+D Engineers updated the General Permit with California Water Resource Control Board (WRCB)

2016 FORA had a turn-over in Engineering Staff

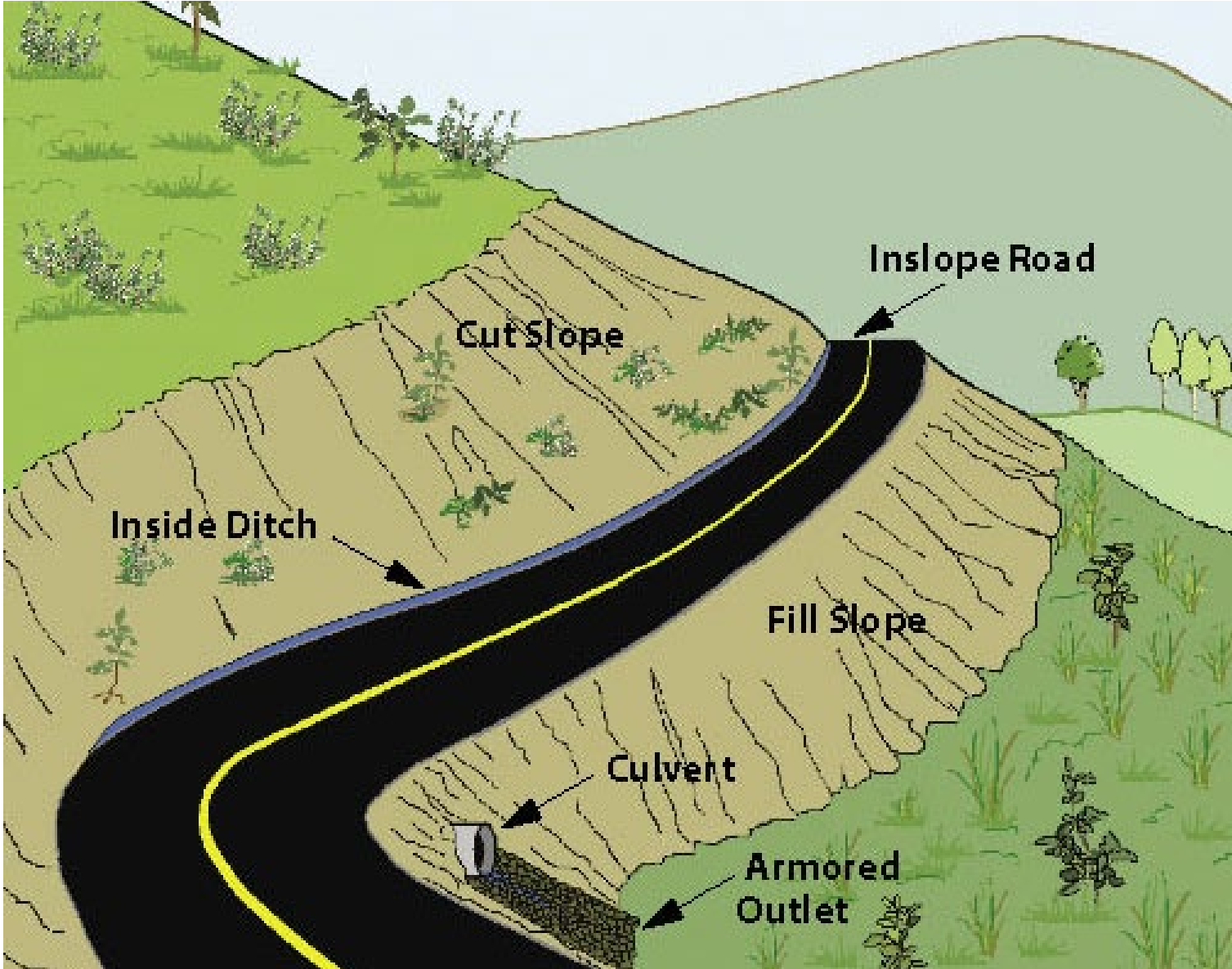
2017 Board Approval of engineering and MEC coordination contracts

2017-18 Parikh Geotechnical to perform a Root Cause Analysis

Eucalyptus Road



Eucalyptus Road



- **Since 2018:**
- Staff worked with engineering to decrease the scope from 5 infiltrator repairs to 3, saving \$750K
- FORA decreased long-term maintenance costs with a sustainable bio-retention system
- FORA created a programmatic construction support plan (CSP) – facilitating future digging for maintenance on adjacent munitions response areas

- Harris and Associates have prepared 90% plans and estimates of probable cost
- Whitson Engineers completed a plan check
- Reimer and Associates has coordinated Specifications pertaining to training and monitoring for on-call constructions support
- FORA has coordinated with City of Seaside engineering
- **November 2019** – Received DTSC, EPA, and ARMY sign-off on Construction Support Plan

Project is ready for Public Bid and Construction:

FORA Budget:

FORA Contracts	Budget
Construction (est.)	\$560,000
Surveying & Construction Limit Staking (est.)	25,000
Geotechnical Engineering & Testing (est.)	60,000
Construction Management / Wage Monitoring (est.)	84,000
On-Call Construction Support (est.)	90,000
Biological Controls/ Avoidance Measures (est.)	90,000
Contingency (25%)	193,500
Total	\$1,102,500

Estimated Bid Time: January 2020

Estimated Date of Completion: May 30, 2020

- What happens if project has overruns past June 30, 2020?
 - Harris and Associates is the CM for FORA & the City of Seaside – ensuring continuity
 - Contracts identify the City of Seaside as the FORA successor and assign to the project
 - Project Budget has a 25% contingency to decrease risk of overruns.

- Authorize the Executive Officer (EO) to execute all bidding requirements and associated contracts for the completion of Eucalyptus Road infiltrator repairs not to exceed a project budget of \$1,102,500