Matilija Dam Ecosystem Restoration Project

Santa Ana Bridge Replacement Project

Peter Sheydayi

February 11, 2020
History of Santa Ana Bridge

- First built in 1960 to replace a wood deck culvert.
- Span length of about 60' with (2) 20' approach decks
Matilija Dam Ecosystem Restoration Project

**PROJECT OBJECTIVES**

- Improve Aquatic and Terrestrial Habitat Along Matilija Creek and Ventura River
- Restore Natural Processes to Support Beach Replenishment
- Enhance Recreational Opportunities
- Restore Fish Passage

**Removing Matilija Dam**
- Will require modifications to the downstream infrastructure as shown.
- Removed sediment will flow through a new 12-foot diameter outlet so that the dam can be safely removed.

**Camino Cielo Bridge**
- New bridge will accommodate increased sediment flow.

**Santa Ana Bridge**
- Reconstructed bridge will enhance accessibility and safety.

**Casitas Springs Levee**
- Improvements will bring up to erosion control standards.

**Recovery Endangered Steelhead**
- Dam removal will restore streambed access to over 20 miles of potential habitat in the Matilija Creek watershed.

**Habitat Restoration**
- Over 175 acres of habitat will be restored to provide habitat on land from the watershed to restored stream habitat.

**Live Oak Levee**
- Reconstruction will bring levee up to modern sand standards.

**Ojai**

**Ventura**

**PUBLIC WORKS**

Ventura County
Grants

- Coastal Conservancy Design Grant (2008)
- CDFW and WCB Construction Grant – Unsuccessful (2017)
- CDFW and WCB Construction Grant – Fully Funded by CDFW (2018)
New Bridge Alignment
- Widen river 150 ft to 230 ft
- Improve fish and sediment passage
- Retain existing bridge until new bridge completed
CDFW Prop. 1/68

- Fully funded $13.4M
- Agreement executed October 3, 2019

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Project Schedule

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Questions?