RESILIENT SR37

Integrating Transportation, Ecology, and Sea Level Rise Adaptation into One Design

SR 37 Policy Committee
November 2, 2017
Design Alternative Assessment Aims to Break Delivery Paradigm:
Expedite Operational Project Delivery for Immediate Relief
SR 37 [SR 121 → Mare Island]
Transportation, Ecosystem, & Sea Level Rise Adaptation Project

• A Raised Roadbed That Provides Resiliency to Long Term Sea Level Rise Threat through Year 2100
  • Design for 66” SLR + 100-Year Storm
  • New Elevation: 17’ - 20’ (NAVD 88)

• Ecological Enhancement
  • Wetland Hydrological Connectivity
  • Living Levees that Provide Habitat Opportunities

• Greater Capacity to Address Travel Demand
  • New Managed Lane(s)

• Multimodal and Local Access Improvements
  • Improve Bay Trail/Bike Access
  • Provide Transit Service
  • Intersection and Interchange Improvements at SR 121, Mare Island
SR-37 Baylands Group
Vision and Guiding Principles

“Integrate infrastructure improvements for SR 37 with existing and future habitat planning, conservation and restoration to ensure healthy ecosystem function and resilience to landscape scale change of the San Pablo Bay.”
One Design, Many Inputs

Transportation

Ecosystem

Sea Level Rise Adaptation
Project Goals

**Integrate** transportation, ecosystem, and sea level rise adaptation into one design

**Improve mobility** across all modes and maintain public access

**Increase corridor resiliency** to storm surges and sea level rise
Environmental Stakeholder Outreach Series

2017
October

Workshop #1
DAA Goals, Objectives & Design Concepts

Breakout #1
Goals and Guiding Principles

Breakout #2
Key Opportunities & Constraints

2018
November

Working Group #1
Develop Design Concepts

December

Working Group #2
Refine Design Concepts

January

Working Group #3
Develop Design Alternatives

February

Workshop #2
Review Design Concepts
Developed by Working Group

March

Breakout #1
Opportunities and Constraints of Each Design Concept

Workshop #3
Review Design Alternatives
Developed by Working Group

Breakout #1
How Do Each Alternative Support Project’s Purpose & Need
SR 37 Environmental Workshop Participants

- Coastal Conservancy
- Sonoma Land Trust
- SF Estuary Institute
- SF Bay Joint Venture
- Ducks Unlimited
- Point Blue
- Marin Audubon Society
- Solano Land Trust
- California Department of Fish and Wildlife
- U.S. Fish and Wildlife Service
- The Nature Conservancy
- BCDC
- SF Bay Regional Board
- Army Corps of Engineers
- National Marine Fisheries Service
- U.S. EPA
- State Lands Commission
- Vallejo Sanitation & Flood Control District
- Caltrans
- Solano Transportation Authority
- Sonoma County Transportation Authority
- Transportation Authority of Marin
- Napa Valley Transportation Authority
- MTC
- Solano County Resource Management
- Alta Planning
- UC Davis