

Welcome to the Trancas Creek Bridge Replacement Project Scoping Meeting – January 27, 2016

Open House	6:00 – 6:30 pm
Project Presentation	6:30 – 7:00 pm
Public Comment Period	7:00 – 8:00 pm

Scoping Process

Purpose of Scoping

- To identify issues to be addressed in the environmental documents

Your Role in Scoping

- Identify resources and potential impacts that should be evaluated
- Identify the level of detail in the analysis
- Identify alternatives or project features that should be considered
- Identify potential mitigation strategies

How You Can Help

- Provide verbal and written comments
- Get on our mailing list and check the project website
- Stay involved

Pacific Coast Highway/ Trancas Creek Bridge Location Map



Background/ History

- Trancas Creek Bridge built in 1927
- Bridge widened in 1938
- History of scour/erosion issues occurring between 1967 and 1998 - no reported problems since then
 - Riprap, re-grading and dikes used to stabilize the bridge
- Bridge evaluated in 2009 and found to be subject to scour during a 10-year storm event
- Tilt sensors installed in 2011 to provide advance warning of scour that could cause the bridge to settle

Project Purpose and Need

- Project Purpose:
 - To provide a structurally sound bridge that meets current design standards
 - To improve safety and maintain accessibility for the traveling public
- Project Need
 - 89-year old bridge
 - History of scour-related issues
 - Contains non-standard shoulders
 - Contains a non-standard bike lane
 - Bridge rail does not meet current design standards

Proposed Improvements

- Provide a new, structurally sound bridge, built to current design standards, with an expected 75 year service life
- Provide a raised median island and 5' median shoulders for safety
- Widen S/B shoulder to allow for safe use as a Class III bikeway
- Update bridge railings to improve safety for motorists, bicyclists and pedestrians AND improve their visual and aesthetic qualities
- Reduce the impact of the bridge on Trancas Creek and lagoon to facilitate sustainable restoration by others

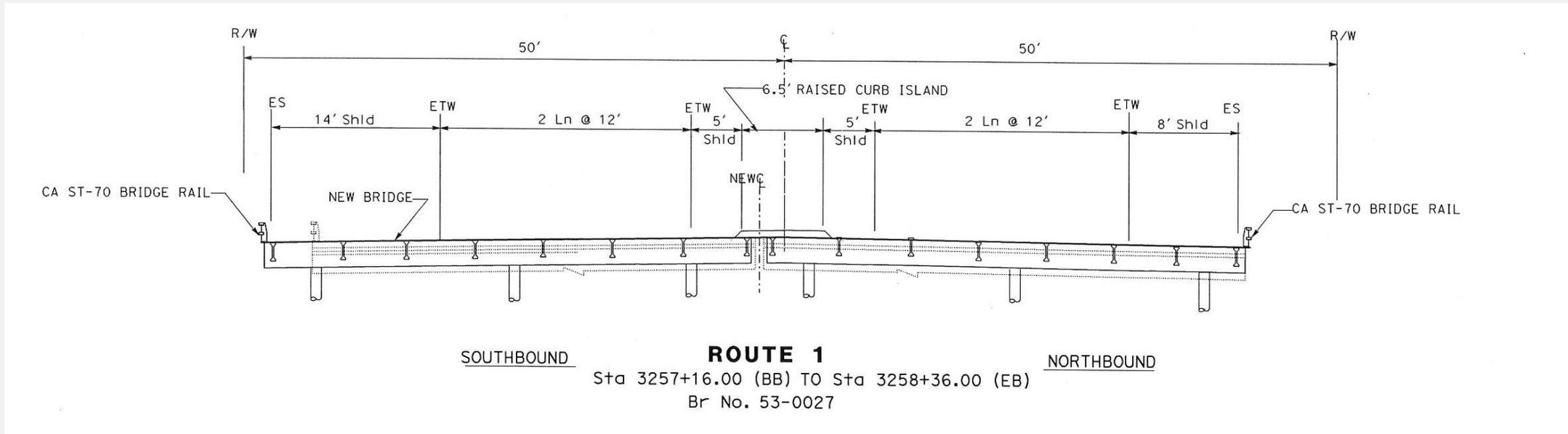
Alternative 1

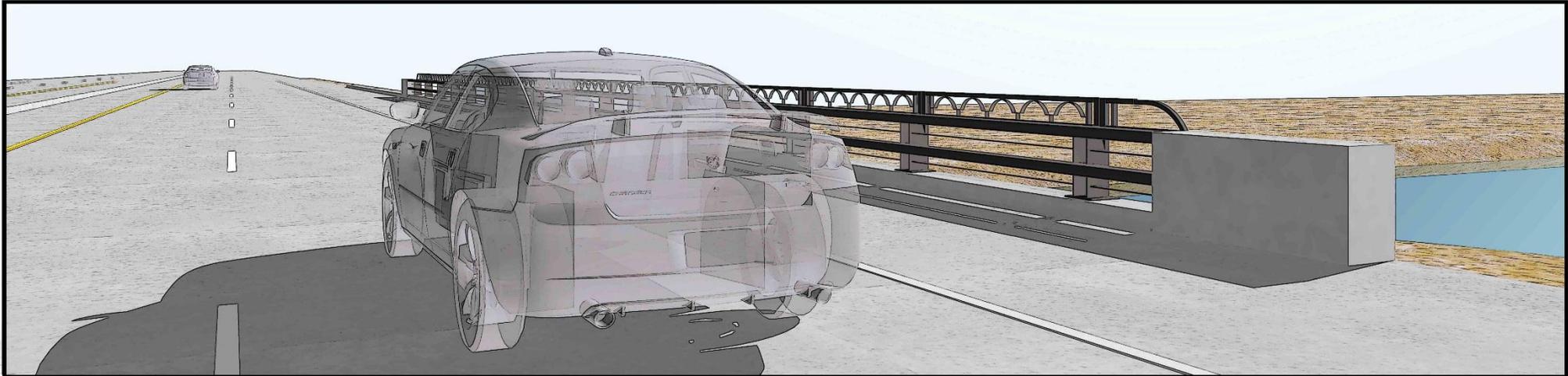
- No Build
 - No improvements
 - The existing bridge continues to age and be vulnerable to scour



Alternative 2- Bridge Replacement - Short Bridge

- Replacement bridge is 6 feet wider to accommodate shoulders and bikeway (from 84' to 90')
- Replacement bridge is 20 feet longer than existing bridge (from 100' to 120')





PERSPECTIVE VIEW - ON BRIDGE



PERSPECTIVE VIEW - ON BEACH

PRELIMINARY

ARCHITECTURE BY: I. TASABIA

01/27/16



TRANCAS CREEK BRIDGE PROJECT - CITY OF MALIBU

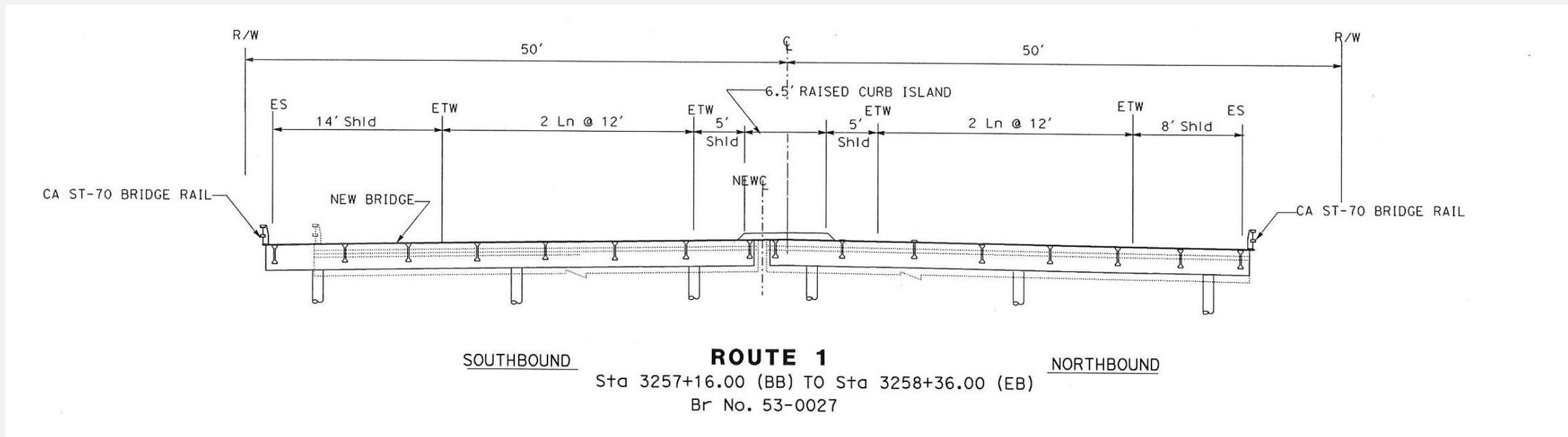
DISTRICT 7 - LOS ANGELES COUNTY

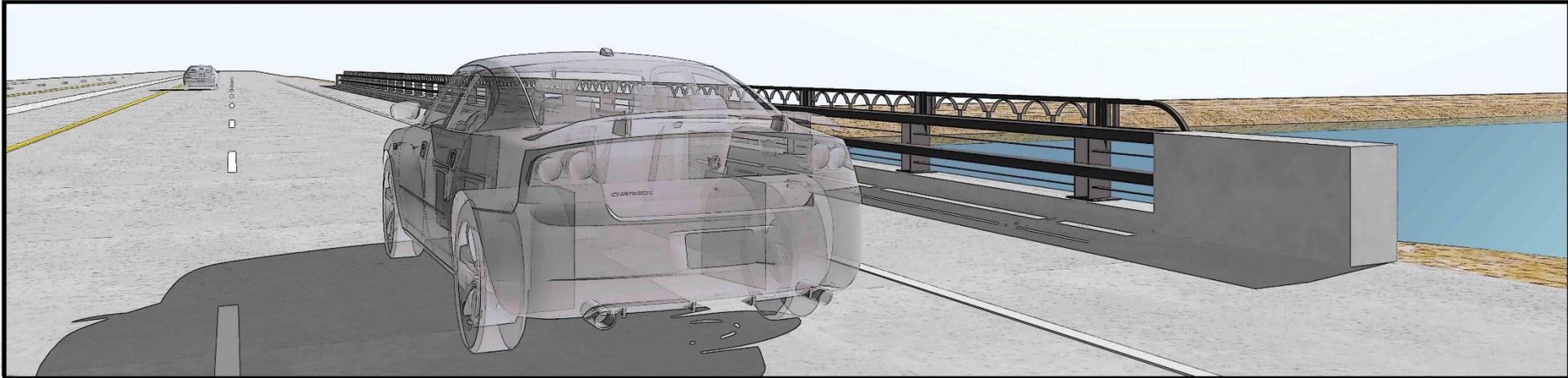
PREPARED BY: CALTRANS, BRIDGE ARCHITECTURE & AESTHETICS

ALTERNATIVE 2 - ARCHITECTURAL CONCEPT
BRIDGE REPLACEMENT

Alternative 3- Bridge Replacement - Long Bridge

- Replacement bridge is 6 feet wider to accommodate shoulders and bikeway (from 84' to 90')
- Replacement bridge is 140' feet longer to reduce impacts to creek and facilitate lagoon restoration (from 100' to 240')





PERSPECTIVE VIEW - ON BRIDGE



PERSPECTIVE VIEW - ON BEACH

PRELIMINARY
ARCHITECTURE BY: I. TASABIA 01/27/16



TRANCAS CREEK BRIDGE PROJECT - CITY OF MALIBU
DISTRICT 7 - LOS ANGELES COUNTY

PREPARED BY: CALTRANS, BRIDGE ARCHITECTURE & AESTHETICS

ALTERNATIVE 3 - ARCHITECTURAL CONCEPT
BRIDGE REPLACEMENT

Project Cost and Funding

- **Alternative 2**
 - Construction cost estimated at \$5.72 M
 - Funded by the State Highway Operations and Protection Program (SHOPP)

- **Alternative 3**
 - Construction cost estimated at \$8.65 M
 - Funded by SHOPP and ??? (unknown at this time)

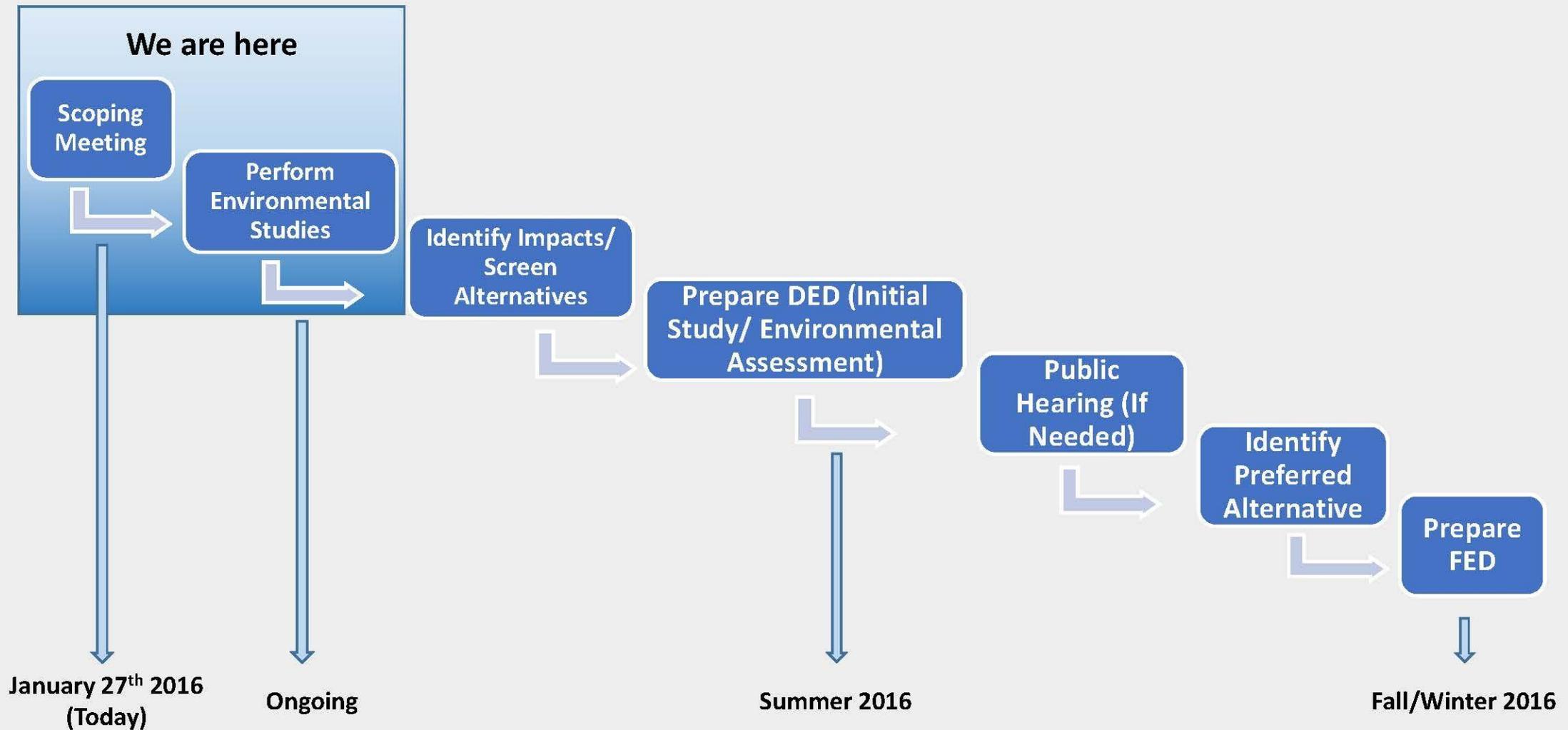
Relationship to Other Projects

Projects sponsored by:

The Resource Conservation District of the Santa Monica Mountains

- Trancas Lagoon Restoration
- Trancas Creek Restoration

Environmental Process



Preliminary List of Issues to be Analyzed

- Biological Resources
 - i.e., Plants/Animals/Sensitive Species/Wetlands/Aquatic Resources/Etc.
- Cultural Resources
- Hazardous Wastes
- Noise
- Visual/Aesthetics
- Geology
- Section 4(f)
- Utilities
- Hydrology/Floodplain
- Water Quality
- Land Use/Community Impacts
- Construction Impacts
- Cumulative Impacts

Environmental Document Type

- CEQA: Initial Study – Anticipated Negative Declaration or Mitigated Negative Declaration
- NEPA: Environmental Assessment – Anticipated Finding of No Significant Impact
- Caltrans is the lead agency for both CEQA and NEPA.

Schedule

- Draft Environmental Document Circulation: Sept 2016
- Final Environmental Document Completion: Nov 2016
- Design Completion: Sept 2017
- Construction Begin: June 2018
- Construction End: Aug 2019

We Want to Hear From You

- Oral and written comments will be accepted at this meeting
- Mail comments to:
 - California Department of Transportation (Caltrans)
 - Division of Environmental Planning – MS-16A
 - 100 S. Main St., Ste. 100
 - Los Angeles, CA 90012
 - Attn: Karl Price
- E-mail comments to: karl.price@dot.ca.gov
- Comments must be received by: 5:30 p.m. on February 27, 2016
- Comments will be summarized in a Scoping Summary Report

Project Contact

Karl Price
Senior Environmental Planner
Division of Environmental Planning
Caltrans District 7

100 S. Main Street, Mail Stop 16A,
Los Angeles, CA 90012
Tel: 213-897-1819
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Provide Written Comments
By February 27, 2016



**Thank you for your
interest in this project!**

Please visit us at ...

<http://www.dot.ca.gov/dist07/travel/projects/trancas/>