SR 84 Expressway Widening and SR 84/I-680 Interchange Improvements Project

A presentation for the I-680 Sunol Smart Carpool Lane Joint Powers Authority (SSCLJPA)
October 10, 2016

SR84 CORRIDOR OVERVIEW

- Project 1: SR 84 West 3-lane Extension
  - Mileage: 1.1 miles
  - Total Cost: $142 million
  - Funding: State, Federal, and local

- Project 2: SR 84/I-680 Interchange
  - Mileage: 0.5 miles
  - Total Cost: $19 million
  - Funding: State and local

- Project 3: Corridor Improvements
  - Mileage: 14 miles
  - Total Cost: $11 million
  - Funding: State

- Project 4: SR 84/I-680 Interchange
  - Mileage: 0.5 miles
  - Total Cost: $19 million
  - Funding: State and local

- Project 5: SR 84/I-680 Interchange
  - Mileage: 0.5 miles
  - Total Cost: $19 million
  - Funding: State and local

Note: This information is provided as an example and does not reflect the actual project details.
Purpose

• Alleviate existing and future traffic congestion on SR 84
• Improve traffic circulation between SR 84 and I-680 and around the SR 84/I-680 interchange
• Improve safety for motorists and cyclists
• Conform this segment of SR 84 to expressway standards

Need

• SR 84 is congested during peak commute times
• Congestion at the interchange affects operations of both SR 84 and I-680 and is projected to worsen in the future
• Collision rates on SR 84 and the interchange are higher than the state average, and access to SR 84 from driveways and local roads is difficult
• Undivided roadway and uncontrolled access on SR 84 do not meet expressway standards
Alternatives

1. **Build Alternative**
   - Maximizes use of existing roadway on SR 84
   - Alignment can be adjusted for environmental resources avoidance
   - Includes improvements on I-680 and at SR 84/I-680 interchange

2. **No Build Alternative**
   - No modifications; includes routine maintenance by Caltrans

**Build Alternative**

**SR 84 Expressway Widening and SR 84/I-680 Interchange Improvements Project**

**Improvements along SR 84**

- **2 lanes** in each direction
- New **signal intersection** at Vallecitos Atomic Laboratory Road
- **Frontage roads** to connect driveways and local roads with the new signalize intersection
- Concrete **safety barriers** and retaining walls
- **Wildlife movement** features
- **Class II (striped) bikeways** in each direction
Calaveras Rd. to NB I-680 flyover and EB SR 84 new connectors
Realign WB 84 to NB I-680 connector
NB I-680 to EB SR 84 connector - Realign and widen to 2 lane exit
WB SR 84 to SB I-680 connector - Add HOV Preferential lane(widen to 3 lane)
Longer auxiliary lanes on I-680
Separate Paloma Way to SB I-680 onramp from WB SR 84 onramp
Extension of existing southbound I-680 HOV/express lane to the north
Class I (separated)/II (striped) bikeway connection across I-680

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BUILD ALTERNATIVE
I-680 and SR 84/I-680 Interchange

PROJECT CHALLENGES

Environmental Utilities Right of Way Funding
Draft Environmental Document

- State requirements:
  - California Environmental Quality Act (CEQA)
    - Environmental Impact Report (EIR)

- Federal requirements:
  - National Environmental Policy Act (NEPA)
    - Environmental Assessment (EA)

**LEAD AGENCY**

**PARTNER AGENCIES**

**PROJECT SCHEDULE**

**Proposed Project Schedule**

- Project Study Report 2003
- Environmental 2015-2018
- Detailed Design 2018-2020
- Right of Way 2018-2020
- Construction 2021-2023

**Proposed Environmental Schedule**

- Environmental Studies and Preliminary Design 2015-2017
- SCOPING May 2016
- Draft Environmental Document Preparation 2016-2017
- Public Review For Draft Environmental Document Late 2017
- Final Environmental Document Early 2018