I-5 Improvements in North County

Presentation to:
Calgrove Area Residents
Held at the Wiley Canyon Elementary School

January 11, 2017
Background

- HOV (Carpool lanes + extension of truck lanes)
- Environmental Document approved in September 2009
- Environmental Reevaluation approved in May 2013
- Final Design started in June 2016
- Construction to start in Spring/Summer of 2019
Community Benefits

• **Shorter travel time**
  – Additional 14 miles of high occupancy (HOV)/carpool lanes in each direction

• **Improves safety and capacity**
  – Add an additional truck lane southbound from Calgrove Blvd. to SR-14
  – Addition of auxiliary lanes (outside lanes extending between an on-ramp and a subsequent off-ramp)
Overview of Improvements from SR-14 to Butte Canyon

[Diagram of a road network with annotations and labels]

**Legend:**
- Orange: Previous Project
- Yellow: Widening
- Purple: Bridge Work
- Red: Retaining Wall
- Blue: Sound Wall

**Logos:**
- Metro
- Caltrans
Overview of Improvements
from McBean Pkwy to Rye Canyon Rd
Overview of Improvements
from Rye Canyon Ramps to Parker Rd
I-5 at Rye Canyon Rd (Existing)
I-5 at Rye Canyon Rd (Proposed)
I-5 at McBean Pkwy
Looking North (Existing)
I-5 at McBean Pkwy
Looking North (Proposed)
Sound Wall - Criteria

• The area along a freeway project qualifies for noise abatement consideration when the predicted noise levels as a result of the project approaches (within 1 decibel) or exceeds the established state and federal threshold level of 67 dBA.
Sound Walls - Criteria

• **Feasible** (from an acoustic standpoint)
  – At least 5 dBA noise reduction

• **Reasonable** (from a cost standpoint)
  – Allowance of $55,000 per benefitted dwelling in Env. Document
  – New Noise Monitoring being performed, with cost allowance of $80,000 per benefitted dwelling
  – Actual construction cost must be less than cost allowance

• Sound Walls that are **Reasonable & Feasible** (outside the Caltrans ROW) then need to be approved by homeowners
SOUND WALLS

LEGEND:
- Red: Outside of Caltrans Right-of-Way, without homeowner approval
- Green: Outside of Caltrans Right-of-Way, with homeowner approval
- Blue: Inside of Caltrans Right-of-Way

BETWEEN VALENCIA BLVD AND MAGIC MOUNTAIN PKWY
SOUND WALLS

LEGEND:
- Outside of Caltrans Right-of-Way, without homeowner approval
- Outside of Caltrans Right-of-Way, with homeowner approval
- Inside of Caltrans Right-of-Way

Match Line - See Previous Slide

The Old Road

Between Hasley Canyon Rd and Parker Rd/Ridge Route Rd

Recommended SW K-6
Monitoring Locations

I-5 HOV Project: Calgrove Area Noise Monitoring Locations

- 24-Hour Noise Test
- 10-Minute Noise Test
- Potential Soundwall Location
Sound Wall Types

Existing Slump Stone Sound Wall along the Hasley Canyon SB on-ramp

Split-Faced Block
Sound Wall Types

Acrylic Sound Walls*

* More expensive than CMU sound wall, still needs to be lower than Reasonable Cost Allowance
Existing Aesthetics

Barrier Aesthetics
Existing Aesthetics
Retaining Wall Aesthetics
Other Projects along I-5

• Caltrans pavement rehabilitation project anticipated to start in the Spring of 2017, expected to last 2 years

• Relocation of Rye Canyon SB ramps – in the Environmental process as part of an LA County Public Works Project.
Milestone Schedule

- 35% Design: March 2017
- 65% Design: Dec. 2017
- 95% Design: June 2018
- 100% Design: Oct. 2018
- Bidding Period: Dec. 2018 to March 2019
- Start of Construction: Spring/Summer 2019

Legend:
- Outreach Efforts

Information will be available through Metro website at Metro.net/projects/I-5-enhancements
Next Steps for Public Involvement

• Stakeholder meetings regarding sound walls with HOAs and owners/residents
  ➢ January 11, 2017: Wiley Canyon Elementary School at 6:00 p.m.
  ➢ January 18, 2017: Castaic Area Town Council at Castaic Union School District Office at 7:30 p.m.

• Community Events
  ➢ Cowboy Festival: April 2017
  ➢ Others
Keep in Touch

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Questions and Answers
Sound Wall Outreach Efforts
During the PA/ED Phase

- Jan 21, 2009 - letters sent to 131 property owners who would be directly affected by the construction of the sound walls.
- Letters provided Notice of the Public Hearing
- Feb 5, 2009 - Public Hearing held for the HOV Project.
- March 28, 2013 – Public Hearing held for the HOT project.
Sound Wall Outreach Efforts
During the PA/ED Phase

- Sound wall surveys sent to private property owners where a new sound wall was reasonable & feasible. Due to existing topography (homes being higher than I-5) some sound walls located within private property.
- Surveys included maintenance responsibilities of sound wall as well as needed permanent easement for Caltrans to access the sound wall.
Monitoring Locations

I-5 HOV Project: Castaic Area Noise Monitoring Locations

- Red: 24-Hour Noise Test
- Yellow: 10-Minute Noise Test
- Black: Potential Soundwall Location