

I-5 Improvements in North County

Presentation to:
Calgrove Area Residents

Held at the Wiley Canyon Elementary School

January 11, 2017



Metro



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



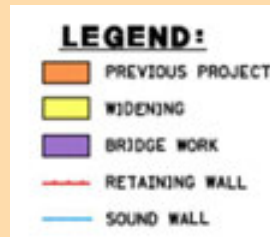
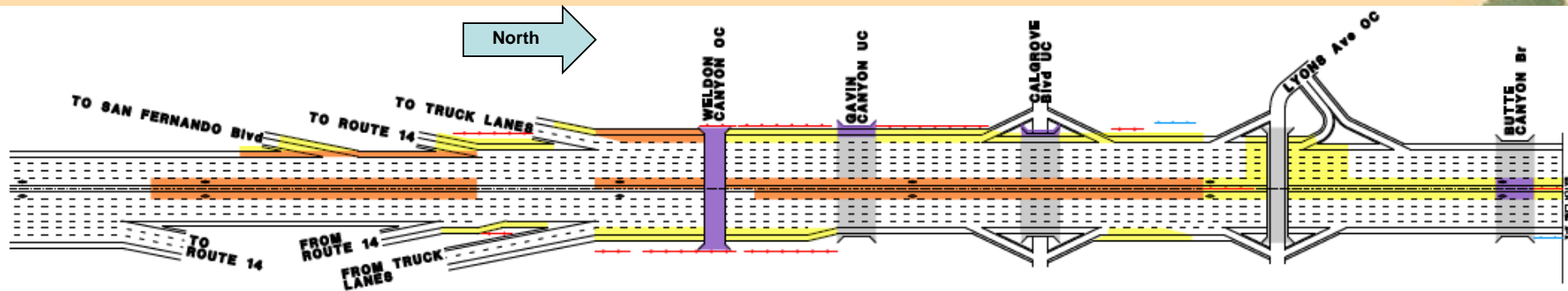
Community Benefits

- 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)



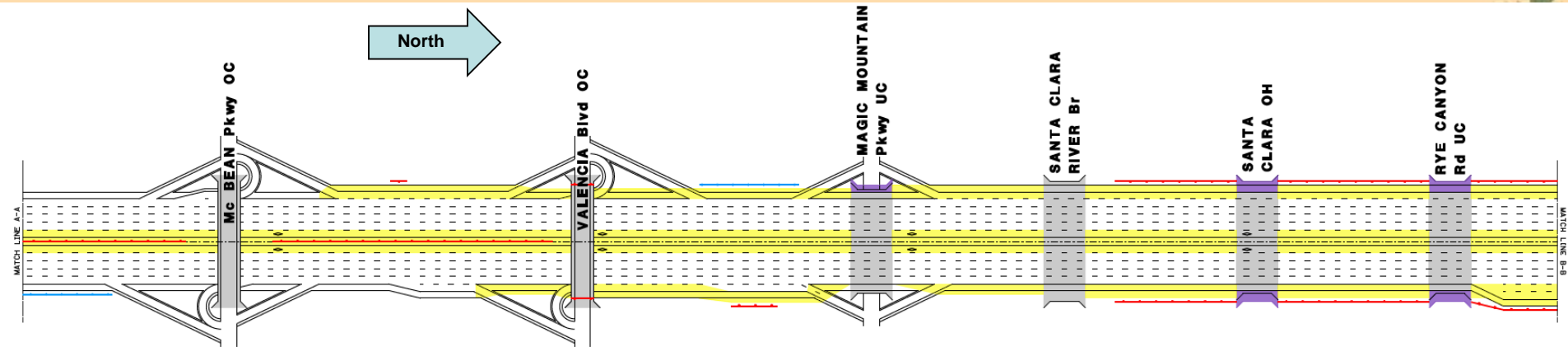
Overview of Improvements

from SR-14 to Butte Canyon



Overview of Improvements

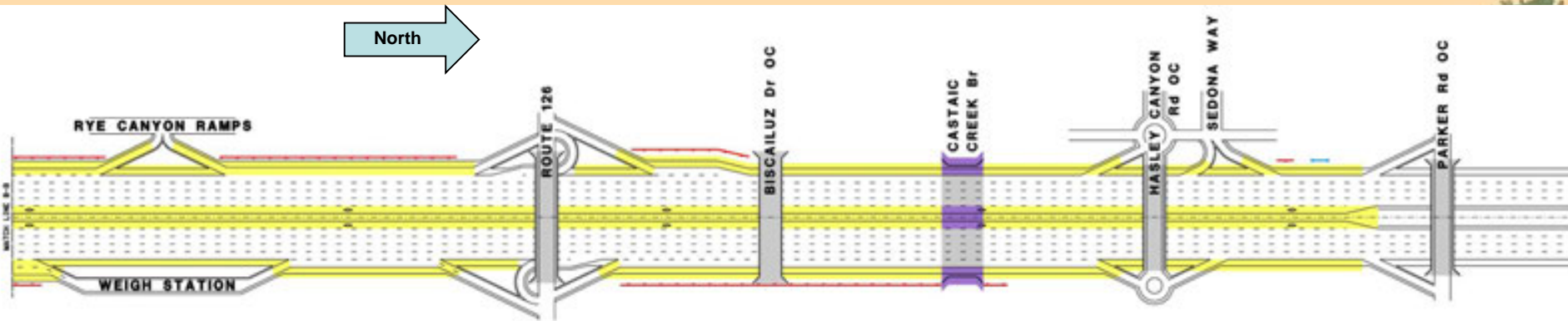
from McBean Pkwy to Rye Canyon Rd



LEGEND:

- PREVIOUS PROJECT
- WIDENING
- BRIDGE WORK
- RETAINING WALL
- SOUND WALL

Overview of Improvements from Rye Canyon Ramps to Parker Rd



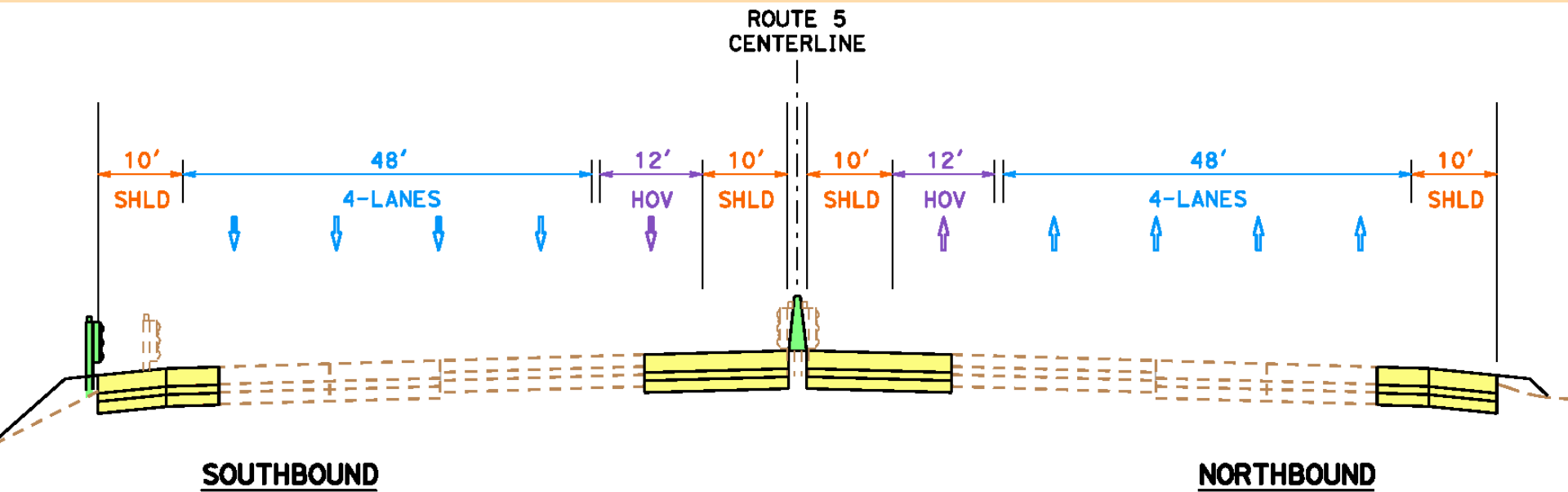
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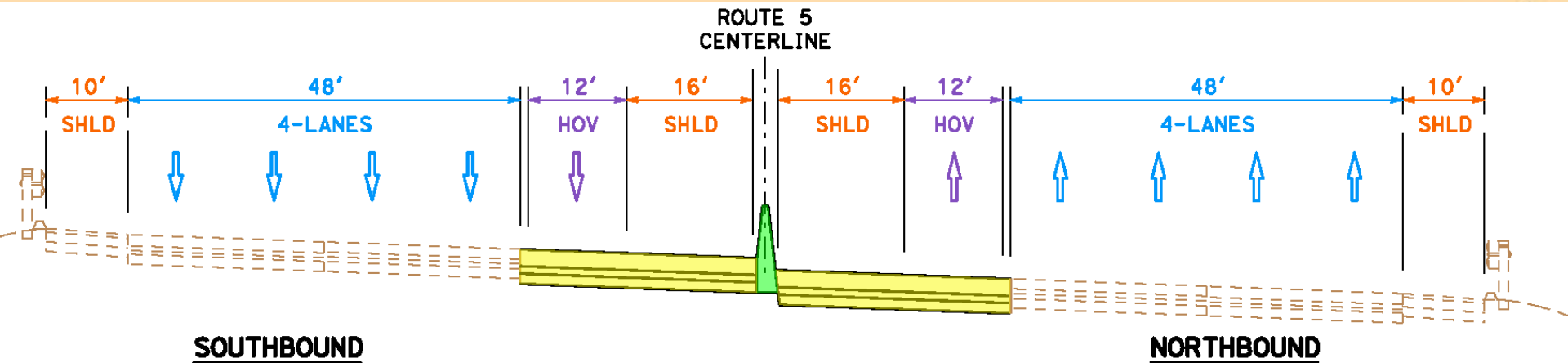
Typical Section

Existing Narrow Median



Typical Section

Existing Wide Median



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

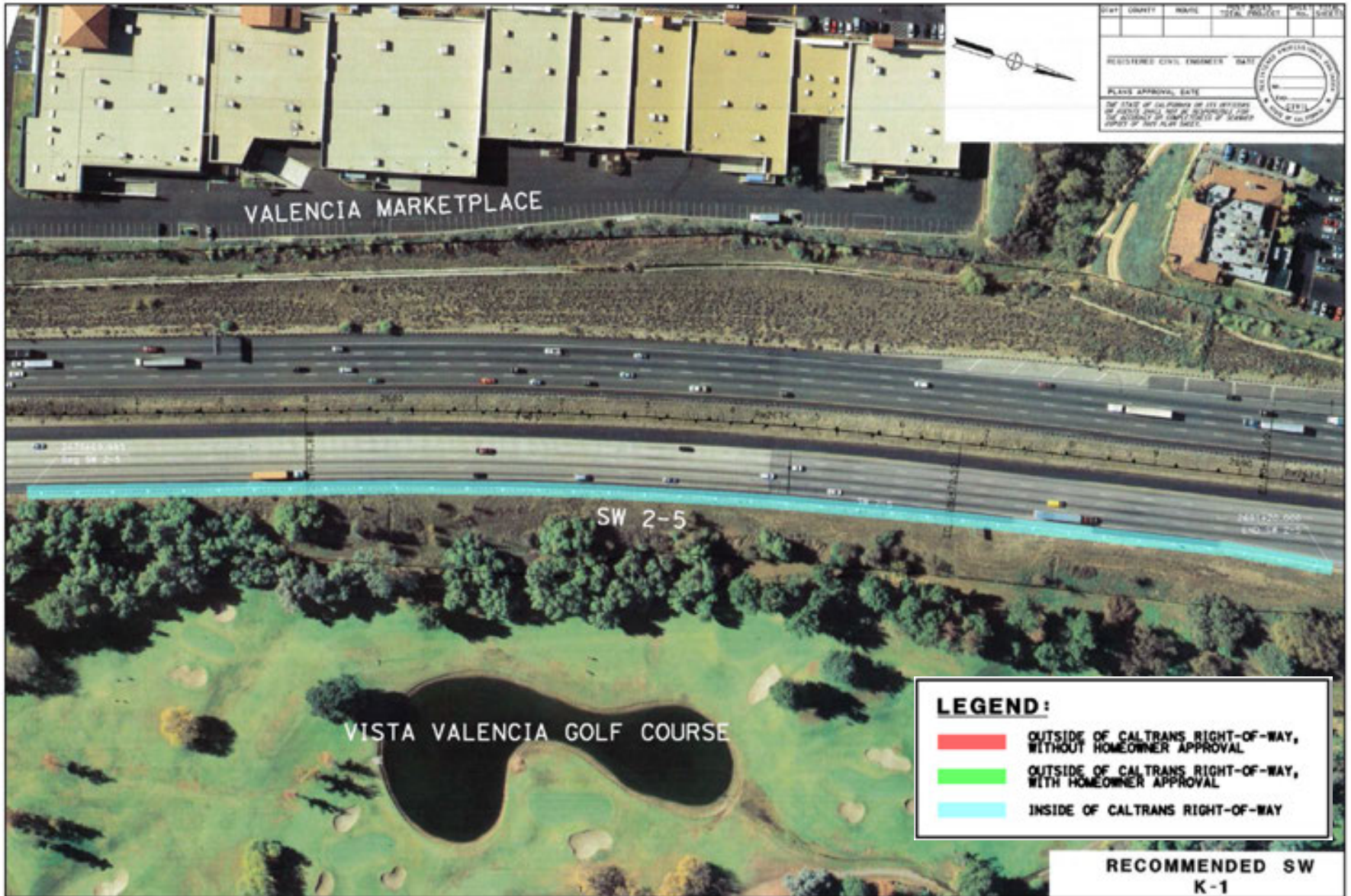


SOUND WALLS



BETWEEN CALGROVE BLVD AND PICO CANYON RD/LYONS AVE

SOUND WALLS



BETWEEN PICO CANYON RD/LYONS AVE AND MCBEAN PKWY/STEVENSON RANCH PKWY

SOUND WALLS



BETWEEN VALENCIA BLVD AND MAGIC MOUNTAIN PKWY

SOUND WALLS

MATCH LINE - SEE PREVIOUS SLIDE



CITY	COUNTY	DATE	SCALE	PROJECT	SHEET NO.	TOTAL SHEETS
REGISTERED CIVIL ENGINEER		DATE				
PLANS APPROVAL DATE						
<small>OF THE STATE OF CALIFORNIA IN WITNESS WHEREOF, I HAVE HEREON SET MY HAND AND SEAL AT THE CITY OF SAN FRANCISCO, CALIFORNIA, THIS _____ DAY OF _____, 20____.</small>						



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

RECOMMENDED SW
K-3

BETWEEN VALENCIA BLVD AND MAGIC MOUNTAIN PKWY

MATCH LINE - SEE NEXT SLIDE

SOUND WALLS

MATCH LINE - SEE PREVIOUS SLIDE



STATE	COUNTY	ROUTE	TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA AND ITS OFFICERS OF PUBLIC WORKS ARE NOT RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ISSUED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA
CIVIL
DATE

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

RECOMMENDED SW
K-4

BETWEEN VALENCIA BLVD AND MAGIC MOUNTAIN PKWY

SOUND WALLS

HOLMBY CT



MATCH LINE - SEE NEXT SLIDE

BETWEEN HASLEY CANYON RD AND PARKER RD/RIDGE ROUTE RD

SOUND WALLS

MATCH LINE - SEE PREVIOUS SLIDE



BETWEEN HASLEY CANYON RD AND PARKER RD/RIDGE ROUTE RD

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

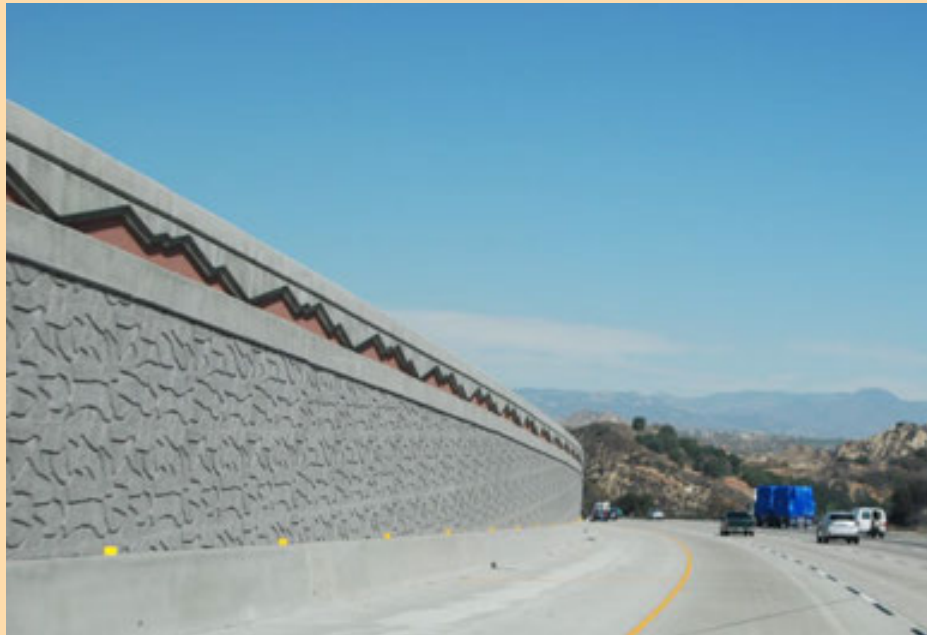
Existing Aesthetics

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

 **Concept Design Approval**
Sept. 2016

 **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



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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Metro.net/projects/i-5-enhancements



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



● 24-Hour Noise Test

● 10-Minute Noise Test

- - - Potential Soundwall Location