

**NORTHBOUND I-680 EXPRESS LANE (Route 237 to Route 84)**

**PUBLIC SCOPING MEETING**

**October 3-4, 2012**

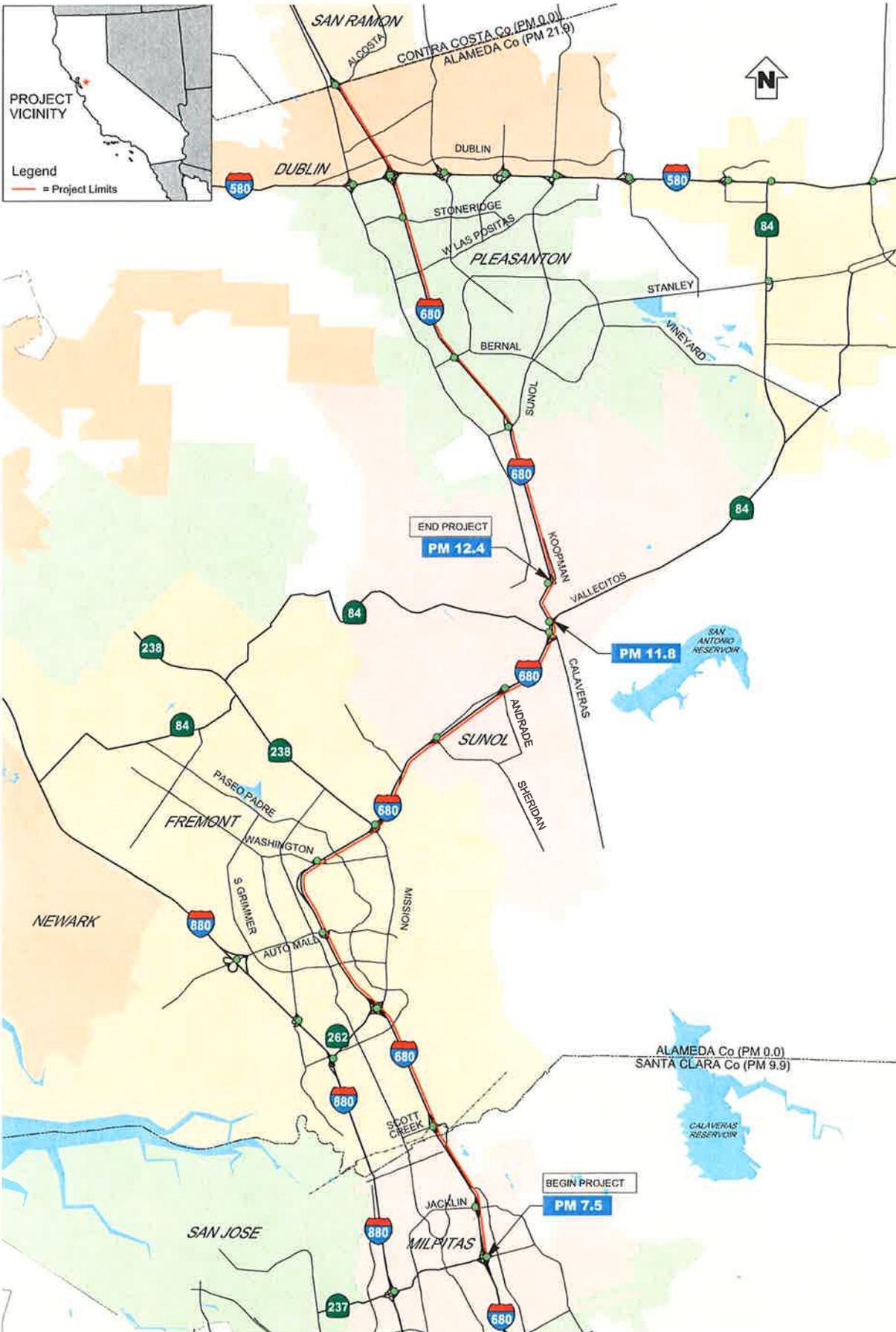
# WELCOME

*Thank you for attending tonight's meeting.*

*We appreciate you taking the time to be a part of the process.*

*Your input is important to us.*





**PROJECT VICINITY**

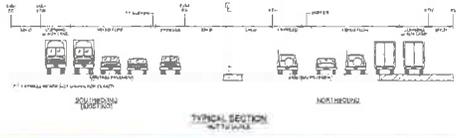
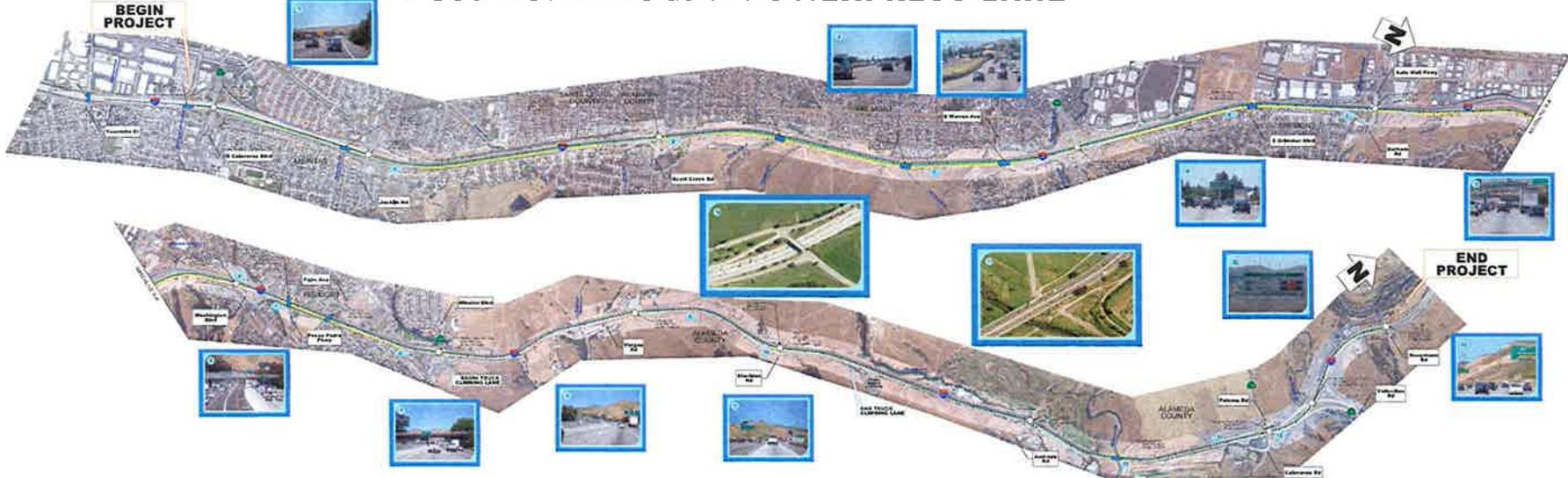
**Legend**

— = Project Limits

# PROJECT LOCATION MAP



# I-680 NORTHBOUND HOV/EXPRESS LANE



**LEGEND**

	PROPOSED HOV-3 EXPRESS LANE		EXISTING BRIDGE
	PROPOSED HOV-2 EXPRESS LANE		EXISTING OVERPASS
	PROPOSED RETAINING WALL		EXISTING UNDERPASS
	EXISTING UNDERPASS ALTERNATIVE A		EXISTING BRIDGE
	EXISTING UNDERPASS ALTERNATIVE B		EXISTING BRIDGE
	EXISTING UNDERPASS ALTERNATIVE C		EXISTING BRIDGE

SEPTEMBER 2012







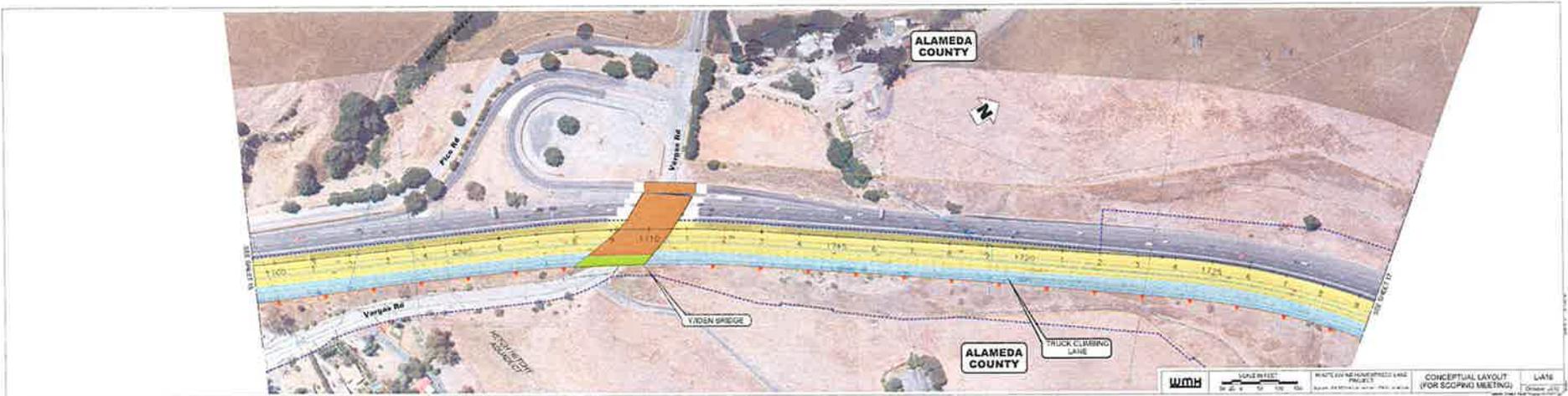
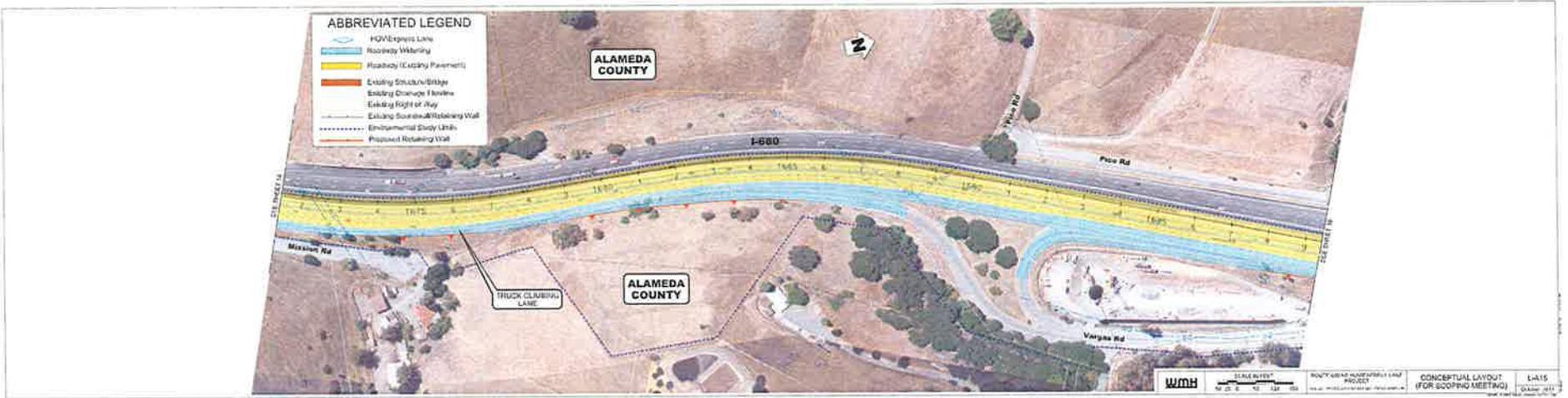




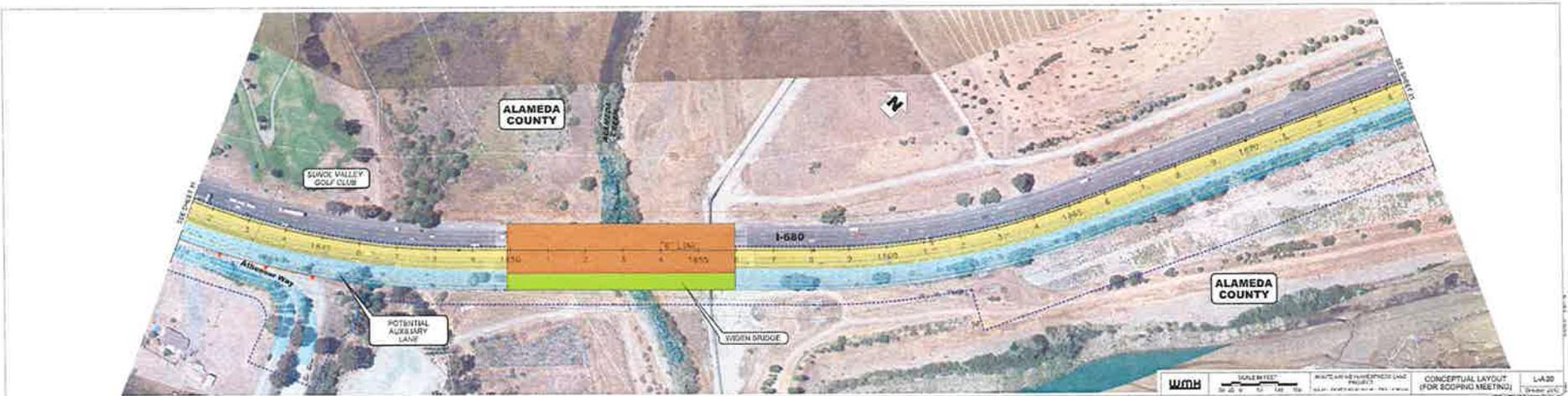
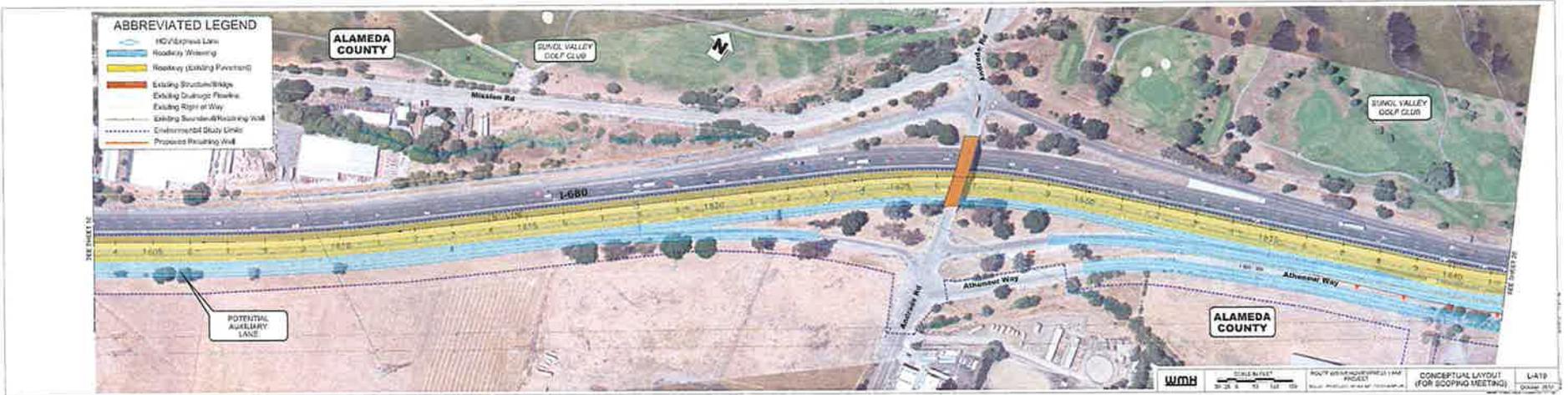


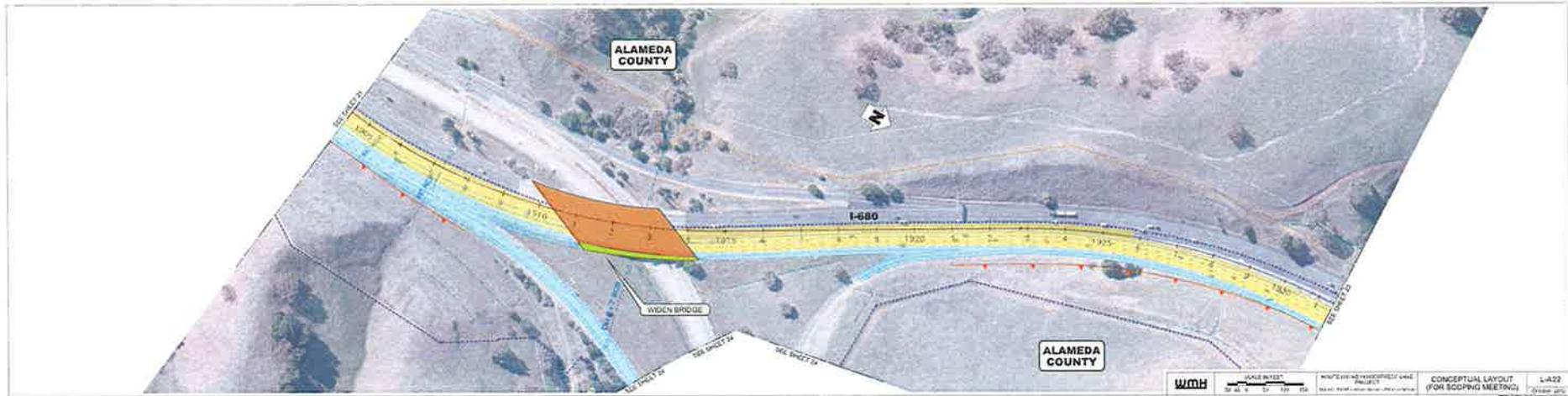














# NORTHBOUND I-680 EXPRESS LANE (Route 237 to Route 84)

## PURPOSE AND NEED

### Purpose

- Increase the efficiency of the transportation system by optimizing capacity on northbound I-680 between SR 237 and SR 84 to accommodate current and future traffic demand.
- Implement the AB 2032 authorized express lanes and provide similar benefits for commuters using the southbound I-680 HOV/Express Lane by:
  - Extending the regional carpool lane system from SR 237 to SR 84 to improve travel time and travel reliability for all users, including HOV and transit users.
  - Optimizing freeway system management and traffic operations by making use of available unused capacity in the HOV lane.

### Need

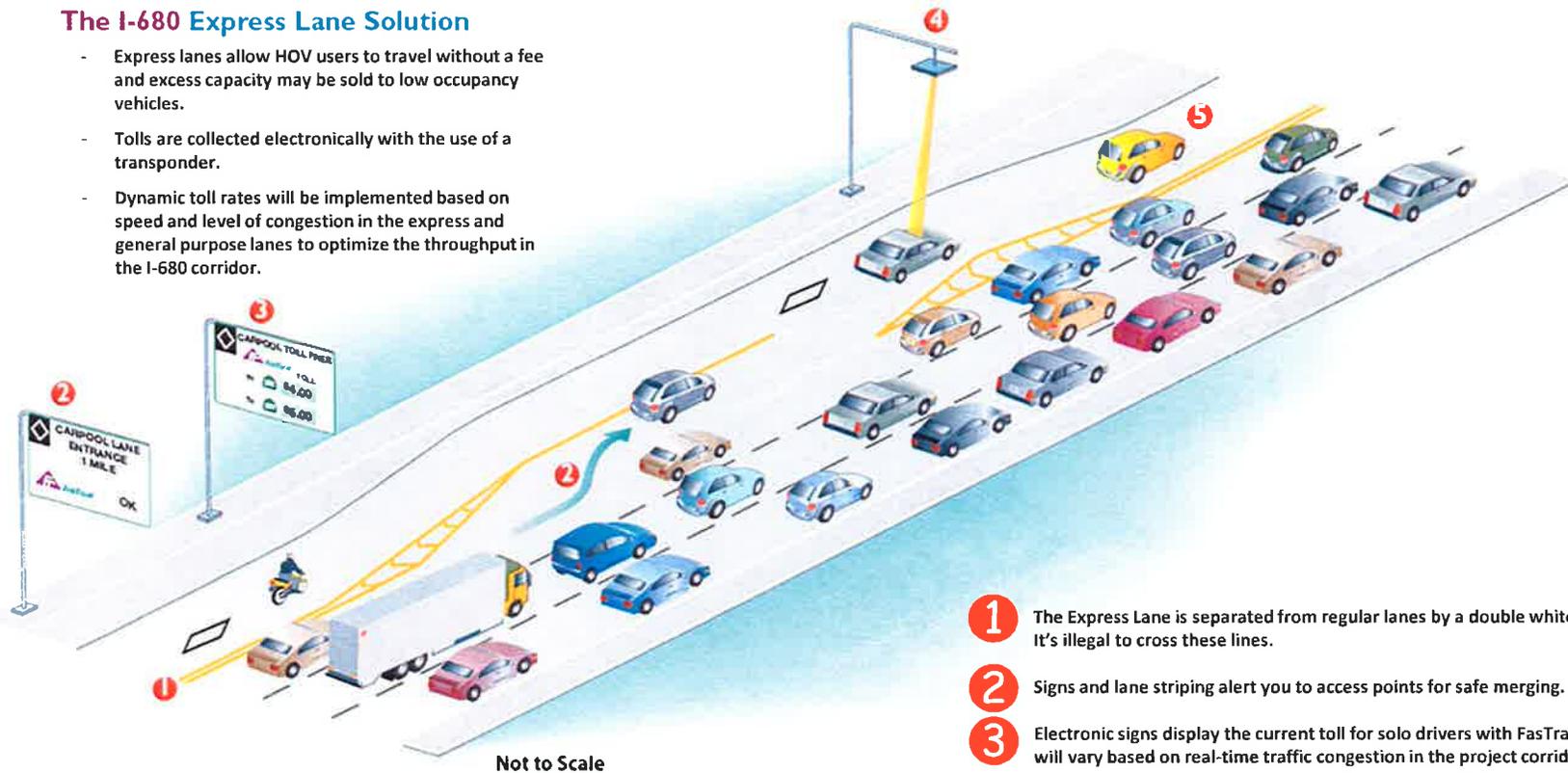
- The existing capacity of portions of northbound I-680 within the project limits is inadequate to accommodate existing and future travel demands. This results in recurring traffic congestion and travel delays during the afternoon commute hours. Significant traffic congestion is observed between Mission Boulevard (SR 262) and Vallecitos Road (SR 84), with travel delays exceeding 10 minutes per vehicle during a multiple-hour peak period. This level of congestion is expected to worsen as traffic volumes are expected to increase. Therefore, there is a need for providing additional roadway capacity and operational improvements to reduce congestion and delay.
- An HOV/Express Lane was recently constructed on the southbound side of this same corridor. Given that this corridor primarily serves commuters that tend to follow similar daily and weekly travel patterns, the experience with the southbound HOV/Express Lane indicates that there is a demand for this type of facility in the northbound direction.

# NORTHBOUND I-680 EXPRESS LANE (Route 237 to Route 84)

## Express Lane - How it Works

### The I-680 Express Lane Solution

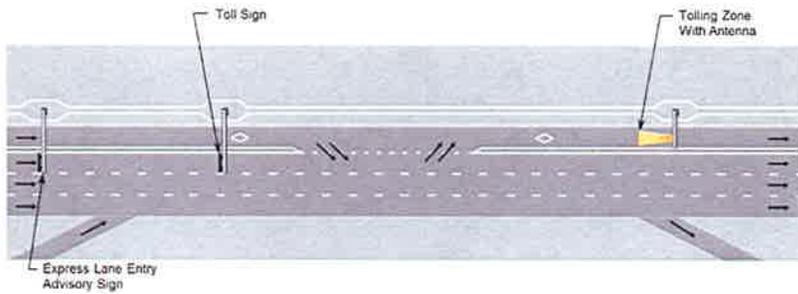
- Express lanes allow HOV users to travel without a fee and excess capacity may be sold to low occupancy vehicles.
- Tolls are collected electronically with the use of a transponder.
- Dynamic toll rates will be implemented based on speed and level of congestion in the express and general purpose lanes to optimize the throughput in the I-680 corridor.



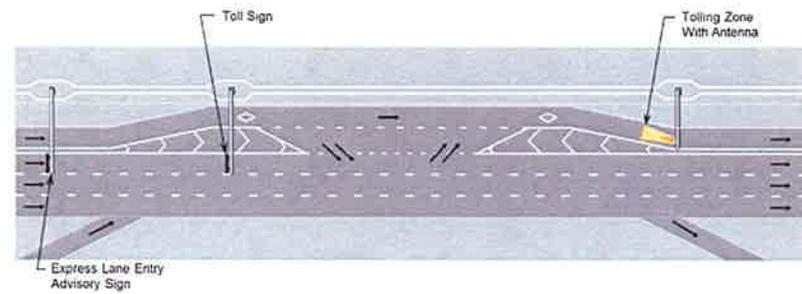
- 1 The Express Lane is separated from regular lanes by a double white line. It's illegal to cross these lines.
- 2 Signs and lane striping alert you to access points for safe merging.
- 3 Electronic signs display the current toll for solo drivers with FasTrak®. Tolls will vary based on real-time traffic congestion in the project corridor.
- 4 An overhead antenna reads your FasTrak® toll tag and the correct toll is automatically deducted from your prepaid FasTrak® account: no toll booths, no slowing.
- 5 The 680 Express Lane makes it fast and easy to get to where you need to go by using FasTrak®.

# NORTHBOUND I-680 EXPRESS LANE (Route 237 to Route 84)

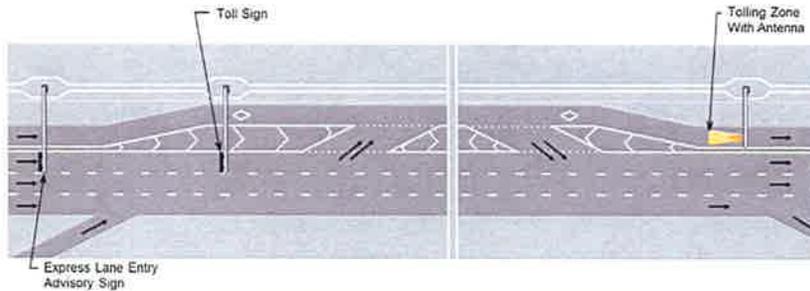
## Express Lane – Types of Access to be Studied



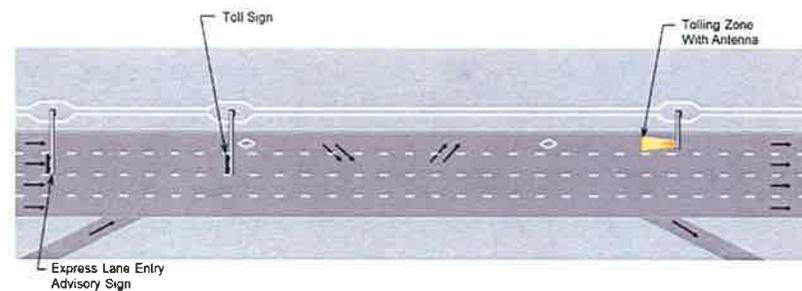
**COMBINED INGRESS-EGRESS  
WEAVE ZONE**



**COMBINED INGRESS-EGRESS  
MERGE LANE**



**SEPARATED INGRESS-EGRESS  
MERGE LANE**  
*(similar to Southbound I-680 Express Lane)*



**CONTINUOUS ACCESS EXPRESS LANE**

# NORTHBOUND I-680 EXPRESS LANE (Route 237 to Route 84)

## Environmental Process

### What is scoping?

Scoping is the first step to developing an Environmental Impact Report (EIR) in accordance with the California Environmental Quality Act. During scoping, the public and agencies are invited to comment on:

- *The purpose and need of the project*
- *Environmental issues that should be studied*
- *Ways to avoid, minimize, or mitigate potential environmental impacts*
- *The project alternatives that should be studied*

### We want to hear from you!

*The official comment period for the project is September 17, 2012 to October 16, 2012.  
You can provide comments in the following ways:*

- *Complete a comment form tonight*
- *Complete and mail a comment form to:*

*Sheryl Garcia, Associate Environmental Planner  
California Department of Transportation  
111 Grand Avenue, Mail Station: 8B  
Oakland, CA 94612*

*[Sheryl.M.Garcia@dot.ca.gov](mailto:Sheryl.M.Garcia@dot.ca.gov)*



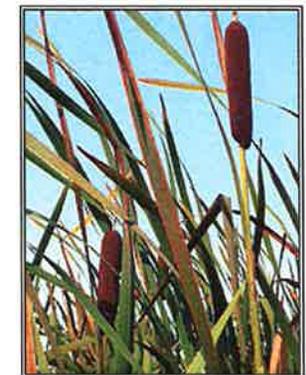
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## Environmental Studies



An Environmental Impact Report (EIR) helps agency decision-makers and the public understand how a project will affect the environment. The EIR for this project will consider the following topical areas:

- Aesthetics and Visual Resources
- Air Quality
- Archeological and Historic Resources
- Biological Resources
- Energy
- Floodplains
- Geology and Soils
- Hazardous Materials
- Land Use
- Noise
- Community
- Public Services and Facilities
- Traffic
- Utilities
- Water Quality



# NORTHBOUND I-680 EXPRESS LANE (Route 237 to Route 84)

## Environmental Milestones

<b>Environmental Milestone</b>	<b>Dates</b>
Notice of Preparation and Beginning of Scoping Comment Period	September 17, 2012
Public Scoping Meetings	October 3-4, 2012
Agency and Public Scoping Comment Period Ends	October 16, 2012
Draft EIR Released for 45-day Agency and Public Review	Spring 2014
Public Meeting on the Draft EIR	Spring 2014
Lead Agency Approval of the Final EIR	Spring 2015

# NORTHBOUND I-680 EXPRESS LANE (Route 237 to Route 84)

## Existing Conditions



**Southbound I-680  
during Morning Commute**



**Northbound I-680  
during Afternoon Commute**