

# US 101 Express Lanes Project

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Public Meetings

January 22, 28, and February 4<sup>th</sup>, 2015



- Bay Area Express Lanes
- Program Background
- US 101 Express Lanes

# Bay Area Express Lanes



- Bay Area transportation agencies developing 550-mile network of express lanes
- Operating express lanes
  - I-680 Southbound opened (operated by ACTC)
  - SR 237/I-880 Connectors opened (operated by VTA)
- Target completion for all is 2035



- Benefits
  - More efficient use of existing infrastructure
  - Provides a new, reliable travel option
  - Improves travel times in all lanes
  - Dynamic toll pricing helps limit congestion in express lane
  - Provides a new revenue stream for local highway and transit improvements

# Program Background

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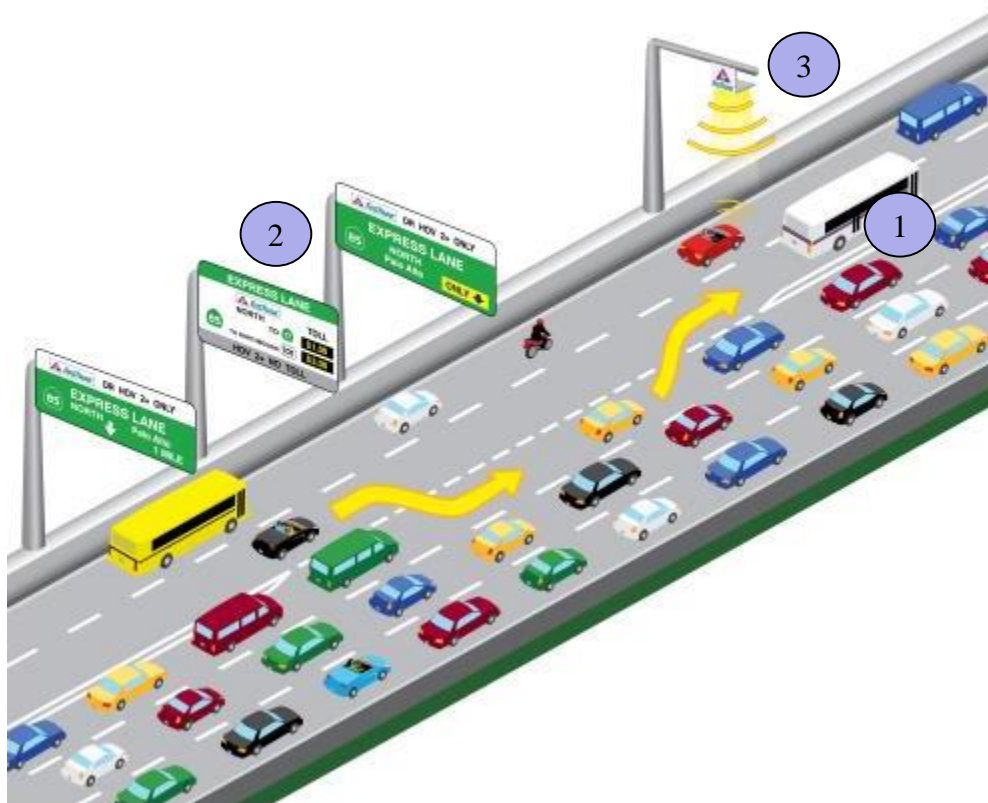
- What are express lanes?
  - Modified carpool (HOV) lanes on freeways
  - Utilizes unused capacity in carpool lanes
  - Solo drivers can access by paying a toll
  - No tolls for carpool lane eligible vehicles (Vehicles with 2 or more people per car, Buses, Vanpools, Motorcycles, Clean air vehicles with applicable decals)



# Program Background



- How it works



- 1 Express lanes are separated from general purpose lanes by a double white line or single white dashed line.
- 2 Electronic signs display the current toll for solo drivers with FasTrak. Toll will vary based on the level of congestion in the express lanes and will be adjusted to maintain free-flowing traffic.
- 3 An overhead antenna reads a FasTrak transponder and the correct toll is automatically deducted from prepaid FasTrak accounts.

# Program Background

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- Express Lanes Animation Video

<https://www.youtube.com/watch?v=zxE6lWfLBiw>

# Program Background

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- Digital Signage and Pricing
- Electronic Toll Collection





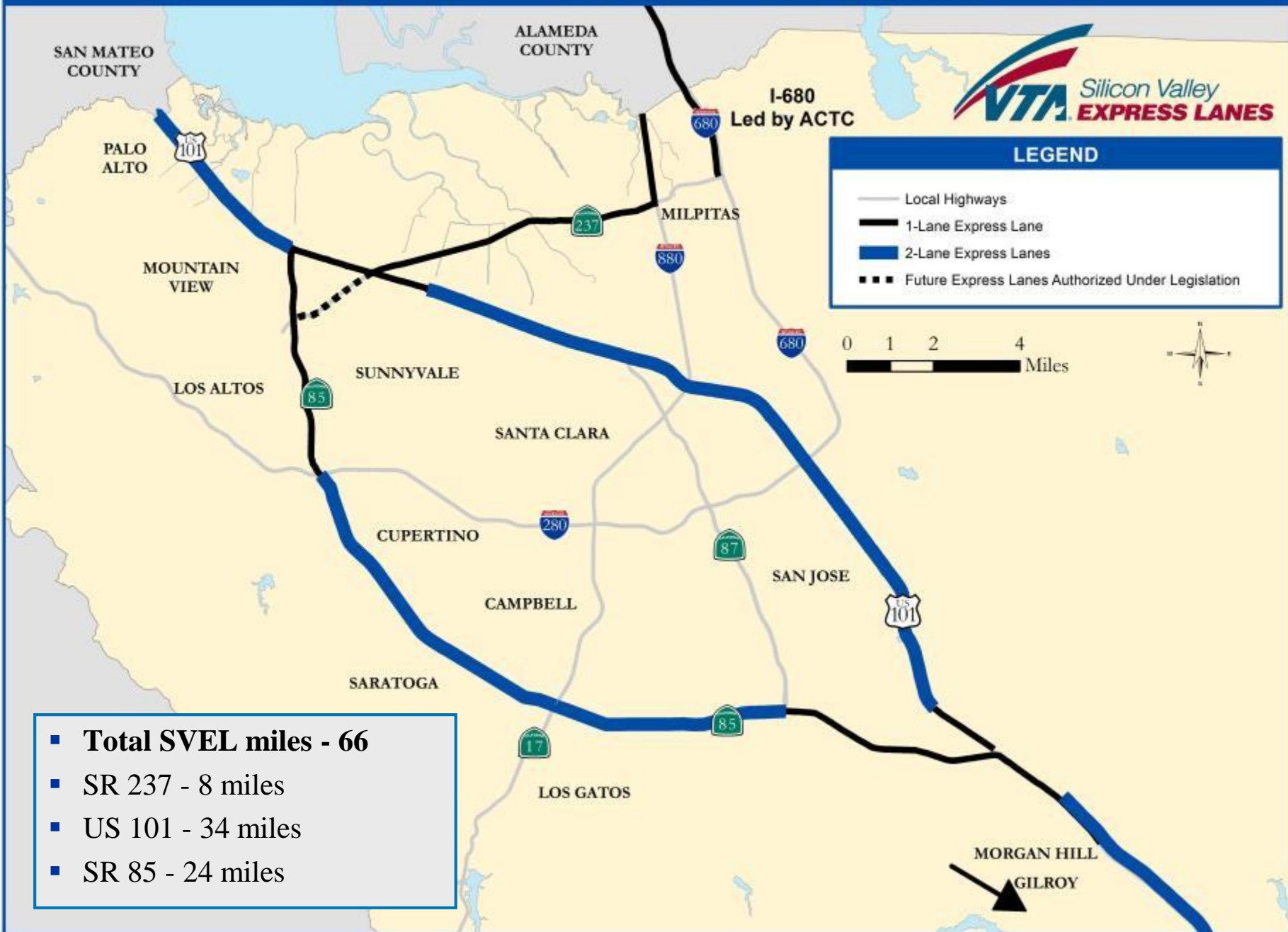
# Program Background

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- Legislation
  - 2004 - AB 2032 allows VTA to conduct, administer and operate value pricing programs
  - 2007 - AB 574 allows VTA to operate express lanes on a permanent basis and issue bonds backed by future express lanes revenues to finance express lanes
- VTA Board of Directors (BOD) approvals
  - 2008 - VTA BOD approves Silicon Valley Express Lanes (SVEL) Program for implementation
  - 2013 - VTA BOD approves additional funding for continued development of the SVEL Program

# SILICON VALLEY EXPRESS LANES



- **Total SVEL miles - 66**
- SR 237 - 8 miles
- US 101 - 34 miles
- SR 85 - 24 miles

# SILICON VALLEY EXPRESS LANES



## Legend



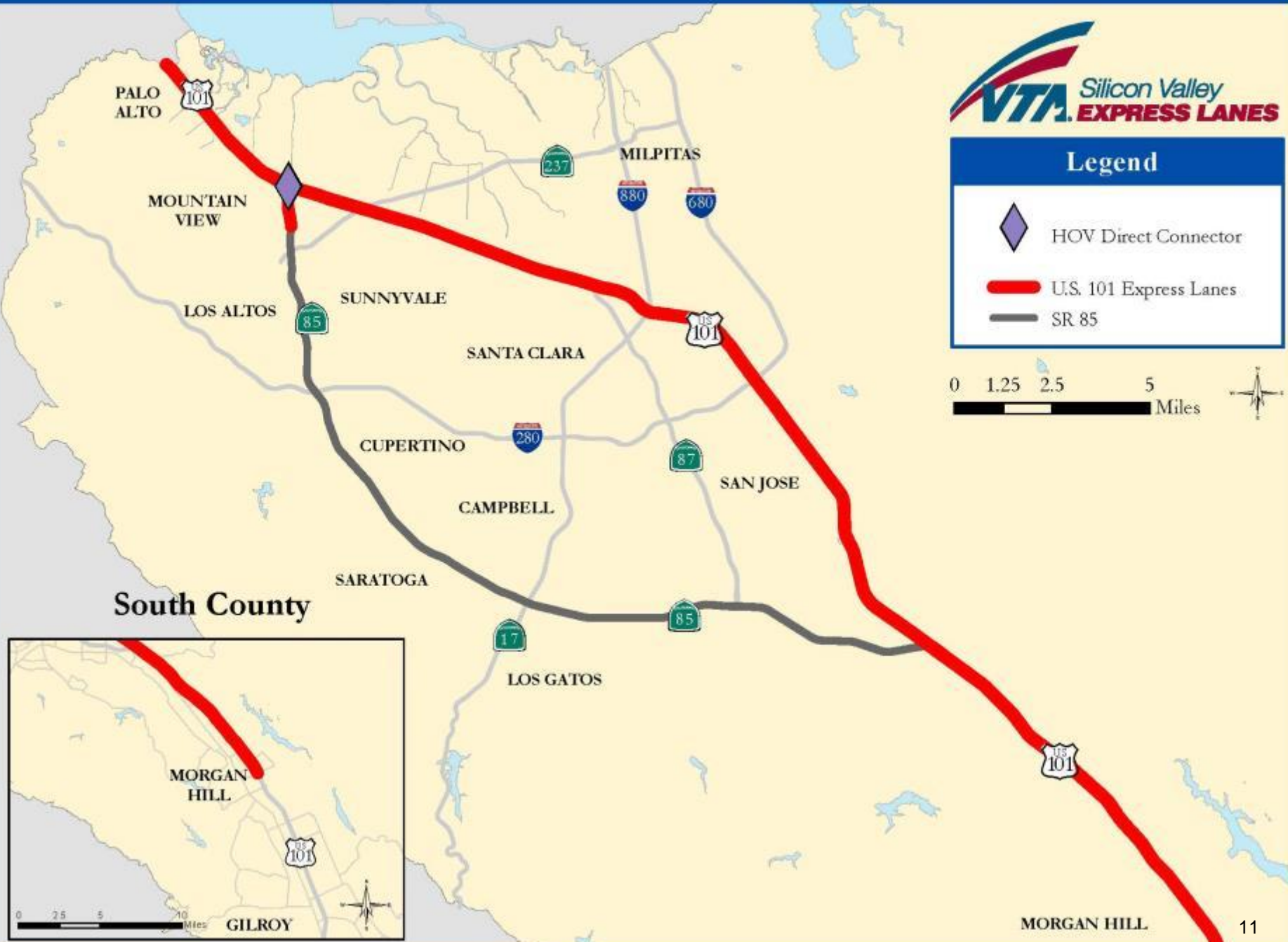
HOV Direct Connector



U.S. 101 Express Lanes



SR 85



South County



# US 101 Express Lanes

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- Project Description

- Single-lane conversion from Dunne Ave/E. Main Ave in Morgan Hill to south of Oregon Expy in Palo Alto
- Double-lane express lanes
  - Add another lane from Cochran Rd to SR 85 in San Jose, and from Blossom Hill Rd to Mathilda Ave through widening in median
  - Convert 2<sup>nd</sup> HOV lane from Shoreline Blvd to south of Oregon Expy
- Project limits: 37.2 miles; Express Lane miles: about 34 miles

- Environmental Clearance
  - Circulation January 12, 2015 to February 26, 2015
  - Target approval – Summer 2015

Thank You