



Meeting Notice

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Executive Director
Arthur L. Dao

I-580 Express Lane Policy Committee

Monday, May 09, 2016, 10:00 a.m.

1111 Broadway, Suite 800
Oakland, CA 94607

Mission Statement

The mission of the Alameda County Transportation Commission (Alameda CTC) is to plan, fund, and deliver transportation programs and projects that expand access and improve mobility to foster a vibrant and livable Alameda County.

Public Comments

Public comments are limited to 3 minutes. Items not on the agenda are covered during the Public Comment section of the meeting, and items specific to an agenda item are covered during that agenda item discussion. If you wish to make a comment, fill out a speaker card, hand it to the clerk of the Commission, and wait until the chair calls your name. When you are summoned, come to the microphone and give your name and comment.

Recording of Public Meetings

The executive director or designee may designate one or more locations from which members of the public may broadcast, photograph, video record, or tape record open and public meetings without causing a distraction. If the Commission or any committee reasonably finds that noise, illumination, or obstruction of view related to these activities would persistently disrupt the proceedings, these activities must be discontinued or restricted as determined by the Commission or such committee (CA Government Code Sections 54953.5-54953.6).

Reminder

Please turn off your cell phones during the meeting. Please do not wear scented products so individuals with environmental sensitivities may attend the meeting.

Glossary of Acronyms

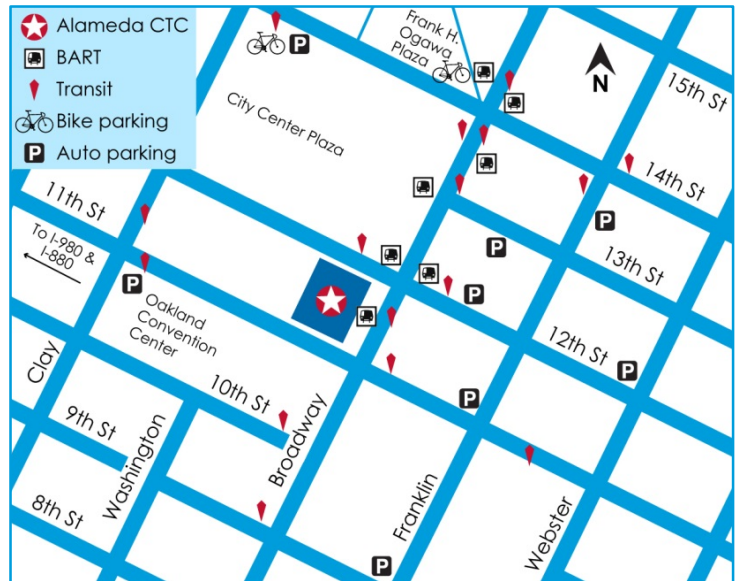
A glossary that includes frequently used acronyms is available on the Alameda CTC website at www.AlamedaCTC.org/app_pages/view/8081.

Location Map

Alameda CTC

1111 Broadway, Suite 800
Oakland, CA 94607

Alameda CTC is accessible by multiple transportation modes. The office is conveniently located near the 12th Street/City Center BART station and many AC Transit bus lines. Bicycle parking is available on the street and in the BART station as well as in electronic lockers at 14th Street and Broadway near Frank Ogawa Plaza (requires purchase of key card from bikelink.org).



Garage parking is located beneath City Center, accessible via entrances on 14th Street between 1300 Clay Street and 505 14th Street buildings, or via 11th Street just past Clay Street. To plan your trip to Alameda CTC visit www.511.org.

Accessibility

Public meetings at Alameda CTC are wheelchair accessible under the Americans with Disabilities Act. Guide and assistance dogs are welcome. Call 510-893-3347 (Voice) or 510-834-6754 (TTD) five days in advance to request a sign-language interpreter.



Meeting Schedule

The Alameda CTC meeting calendar lists all public meetings and is available at www.AlamedaCTC.org/events/upcoming/now.

Paperless Policy

On March 28, 2013, the Alameda CTC Commission approved the implementation of paperless meeting packet distribution. Hard copies are available by request only. Agendas and all accompanying staff reports are available electronically on the Alameda CTC website at www.AlamedaCTC.org/events/month/now.

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I-580 Express Lane Policy Committee Meeting Agenda Monday, May 9, 2016, 10:00 a.m.*

*Or immediately following the I-680 Sunol SMART Carpool Lane Joint Powers Authority meeting

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Chair: Mayor John Marchand, City of Livermore
Vice Chair: Mayor David Haubert, City of Dublin
Commissioners: Scott Haggerty, Rebecca Kaplan, Bill Harrison, Jerry Thorne, Nate Miley
Staff Liaison: Kanda Raj
Executive Director: Arthur L. Dao
Clerk: Vanessa Lee

1. Roll Call
2. Public Comment
3. Consent Calendar

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 - 3.1. [Approval of the I-580 Express Lane PC April 11, 2016 Meeting Minutes](#)

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4. Regular Matters

Page	A/I
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 - 4.1. [I-580 HOV/Express Lanes \(PN 1373.002\): Monthly Operation Update](#)

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5. Committee Member Reports (Verbal)
6. Staff Reports (Verbal)
7. Adjournment

Next Meeting: June 13, 2016

All items on the agenda are subject to action and/or change by the Commission.

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I-580 Express Lane Policy Committee Meeting Minutes Monday, April 11, 2016, 10:00 a.m.

3.1

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1. Roll Call

A roll call was conducted. All members were present with the exception of Commissioner Miley.

Subsequent to the roll call:

Commissioner Miley arrived during Item 4.1

2. Public Comment

There was no public comment.

3. Consent Calendar

3.1 Approval of the I-580 Express Lane PC March 9, 2016 Meeting Minutes

Commissioner Haubert moved to approve the Consent Calendar. Commissioner Harrison seconded the motion. The motion passed with the following vote:

Yes: Marchand, Haggerty, Harrison, Thorne, Haubert, Kaplan

No: None

Abstain: None

Absent: Miley, Kaplan

4. Regular Matters

4.1 I-580 HOV/Express Lanes (PN 1373.000, 1373.001, 1373.002): Monthly Operation Update

Liz Rutman presented the operational data for the month of February 2016. She covered the total number of express lane users, including those carried or failed to carry toll tags, comparison of speeds, lane volumes and densities in the express and general purposes (GP) lanes. She also covered trip destinations and toll rates during the hours of express lane operation.

Commissioner Haggerty inquired whether the 40% of those lane users that failed to carry toll tag are toll evaders. Liz stated that the I-580 Express Lanes are the first facility in the region that require all users, including the carpoolers to carry toll tags. A large percent of those who failed to carry tags could be carpoolers. Staff is working with BATA to process image based trips that may result in processing violation notices. The notices will include information about the need to carry toll tag and how to obtain them.

Commissioner Kaplan inquired about the process when people get violation notice and fail to respond. Liz stated that the first notice will include the toll amount and a \$25 penalty. If no response is received within 30 days then a second notice will be sent with an additional \$45 penalty added, similar to the process employed on Bay Area toll bridges.

Commissioner Kaplan asked how soon notices are sent out after the violation occurs. Liz stated that the Bay Area Toll Authority (BATA) issues notices no later than twenty-one days from the date of violation occurrences.

Commissioner Harrison asked if there had been an increase in the numbers of customer service calls received related to the opening of the express lanes. Liz stated that there had been a slight increase of calls related to signing up for Fastrak accounts.

Commissioner Marchand asked how a user can identify if the batteries are out on a transponder. Liz stated that the toll tag should beep when traveling beneath each toll gantry. If the transponder doesn't beep, then the battery may be dead.

Commissioner Kaplan inquired about incident management and wanted more information on how incident management was going to be handled as more users use the lane. Liz stated that operations staff facilitates incident management by adjusting the toll modes when asked by Caltrans and/or CHP. She further stated that minor incidents are normal and don't affect the system but the data presented in the presentation reflects days with major incidents that have had severe traffic congestion implications.

Commissioner Kaplan asked if staff had considered extending the hours of the express lane or explored the option of having the lane operate during weekend hours. Art stated that state legislation prohibits extending the hours of operation outside of HOV hours.

This item was for information only.

5. Committee Member Reports

There were no committee member reports.

6. Staff Reports

There were no staff reports.

7. Adjournment/ Next Meeting

The next meeting is:

Date/Time: Monday, May 9, 2016 @ 10:00 a.m.

Location: Alameda CTC Offices, 1111 Broadway, Suite 800, Oakland, CA 94607

Attested by:



Vanessa Lee, Clerk of the Commission



DATE: May 02, 2016

SUBJECT: I-580 HOV/Express Lanes (PN 1373.002): Monthly Operation Update

RECOMMENDATION: Receive a status update on the operation of I-580 HOV/Express Lane

Summary

The Alameda CTC is the project sponsor of the I-580 Corridor High Occupancy Vehicle (HOV)/Express Lane Projects along the I-580 corridor in the Tri-Valley that are now in operation, opened to traffic on February 19th and 22nd of 2016. See Attachment A – Project Location Map for express lane operational limits.

The March 2016 operations reports indicate that the new express lane facility is providing travel time savings and travel reliability throughout the day, with average hourly speeds in the westbound express lanes estimated at 9 to 20 mph higher than the average hourly speeds in the general purposes lanes during the morning peak hours in the most congested segment of the corridor, and average hourly speeds in the eastbound express lanes estimated at 24 to 33 mph higher than the average hourly speeds in the general purposes lanes during the afternoon peak hours in the most congested segment of the corridor.

Background

The I-580 Corridor Express Lanes, extending from Hacienda Drive to Greenville Road in the eastbound direction and from Greenville Road to San Ramon Road/Foothill Road in the westbound direction, were opened to traffic on February 19th and 22nd of 2016, in the eastbound and westbound directions, respectively. Motorists who have been using the I-580 HOV/Express Lanes facility are enjoying travel time savings and travel reliability benefits, as the express lanes optimize the corridor capacity by providing a new choice to drivers. As anticipated, lane use continues to ramp up, and is expected to stabilize over time. Carpool, clean-air vehicles, motorcycles and transit vehicles are enjoying the benefits of toll-free travel in the HOV lanes, including in the two new HOV lanes, one each added in each direction of travel.

March 2016 Operation Update: The March update is included as Attachment B to this report. During the 23 days of operations in March, nearly 550,000 motorists utilized the

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express lanes; over 211,000 westbound trips and 338,000 eastbound trips. The number of daily trips increased throughout the month, as well as the number of HOV trips, suggesting that motorists are becoming increasingly aware of how the express lanes work. An estimated 23% of motorists in the express lanes were of HOV users with FasTrak® Flex toll tags, 39% were single-occupant vehicles with FasTrak® (standard or Flex) toll tags, and the remaining 38% failed to carry a toll tag or had an invalid tag. In these instances, pursuant to the Commission-adopted "Ordinance for Administration of Tolls and Enforcement of Toll Violations for the I-580 Express Lanes," our customer service representatives either assess tolls to the matching FasTrak accounts or issue notices of toll evasion violation to the registered vehicle owners. Of those motorists without a toll tag, approximately 40% of the trips were matched to existing FasTrak® by means of license plate information.

During the morning commute hours, which appear to span between 5 am and 10 am, the motorists in the westbound express lane traveled with average speeds approximately 9 to 20 mph faster than the motorists traveling in the general purpose lanes in the vicinity of Hacienda Drive, which was observed to be the most congested segment of the corridor. During the afternoon/evening commute hours, which appear to span between 3:30 pm and 6:30 pm, the motorists in the eastbound express lane traveled with average speeds between 24 and 33 mph faster than the motorists traveling in the general purpose lanes in the vicinity of N. First Street, a location of significant congestion in the general purpose lanes.

Even though the operational maximum toll rates to travel the entire length of the westbound and eastbound are set at \$13.00 and \$9.00, respectively, to date the actual maximum posted toll rates have never exceeded \$6.50 in either direction. During the month of March 2016, the average westbound posted toll rate to travel the entire corridor was \$2.29, with an average toll assessed to non-HOV users of \$1.34. The average eastbound posted toll rate to travel the entire corridor was \$2.47, with an average assessed toll to non-HOV users of \$2.32.

Minor construction activities are ongoing within the corridor and are expected to be completed in summer 2016.

Broad public outreach and education activities have been underway throughout the I-580 corridor commute shed, including paid and earned media, special events and employer and other stakeholder outreach. These efforts will continue through the end of Fiscal Year 2015/16 in order to promote the benefits of the lanes, emphasize proper use of the facility, and encourage the public to obtain FasTrak and FasTrak flex toll tags.

Fiscal Impact: There is no fiscal impact due to this item.

Attachments

- A. I-580 Corridor Express Lane Projects – Location Map
- B. I-580 Corridor Express Lane March 2016 Operations Update
- C. I-580 HOV Lane Projects – Construction Update
- D. I-580 Corridor Express Lane – Outreach Update
- E. Summary of Toll System Construction Contract Change Orders

Staff Contact

[Kanda Raj](#), Express Lanes Program Manager

[Liz Rutman](#), Express Lanes Operation and Maintenance Manager

[Stefan Garcia](#), Construction Program Manager

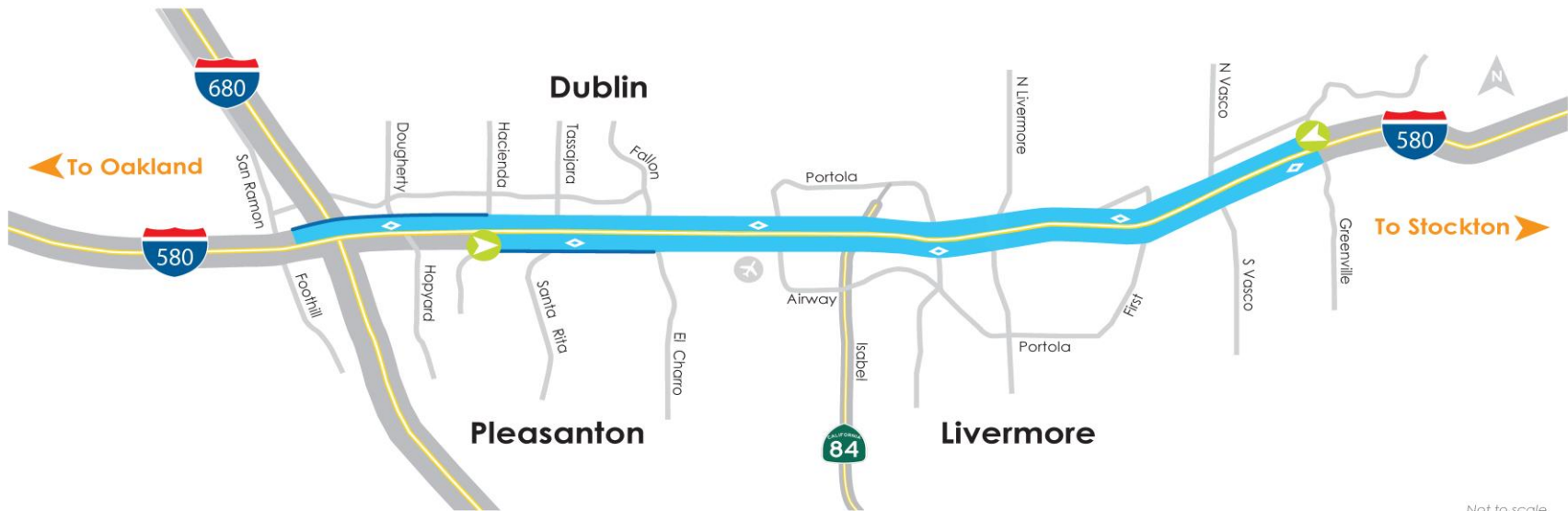
[Heather Barber](#), Communication Manager

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I-580 Express Lanes Project Location Map

4.1A



Not to scale



Two Eastbound Express Lanes

Lanes begin at Hacienda

No entry/exit from eastbound express lanes from Hacienda to Fallon / El Charro.

Please note: For access to Santa Rita Road, do not enter express lanes.



One Westbound Express Lane

Lane begins at Greenville

No entry/exit from westbound express lane from Hacienda to end.

Please note: For access to I-680 or Dougherty, exit express lane before Hacienda.

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I-580 Express Lanes Monthly Operations Update



TOLL-PAYING
VEHICLES


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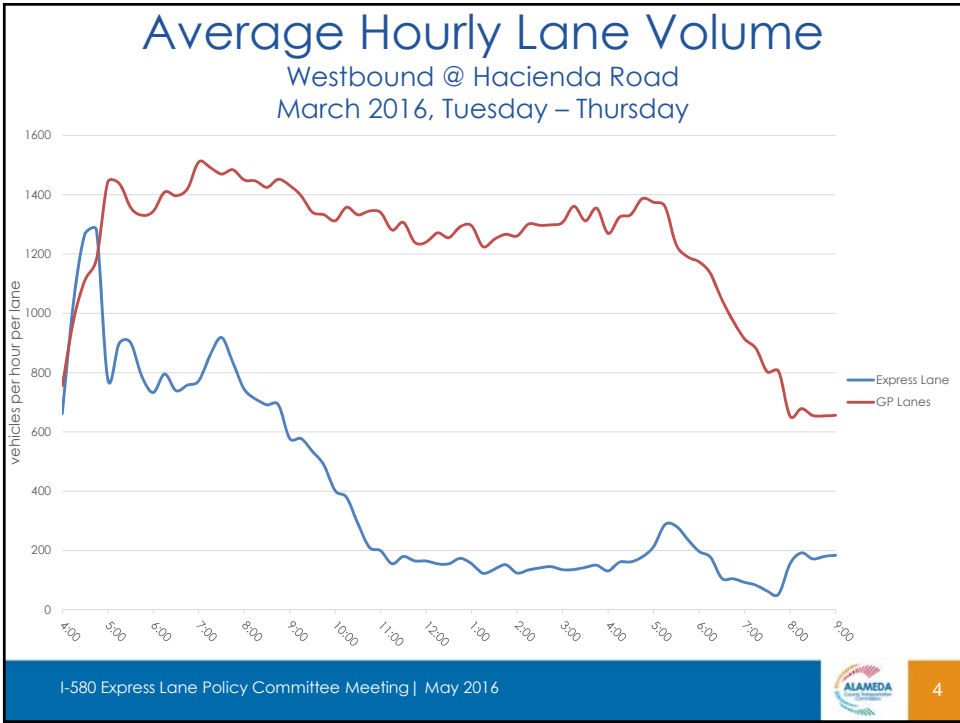
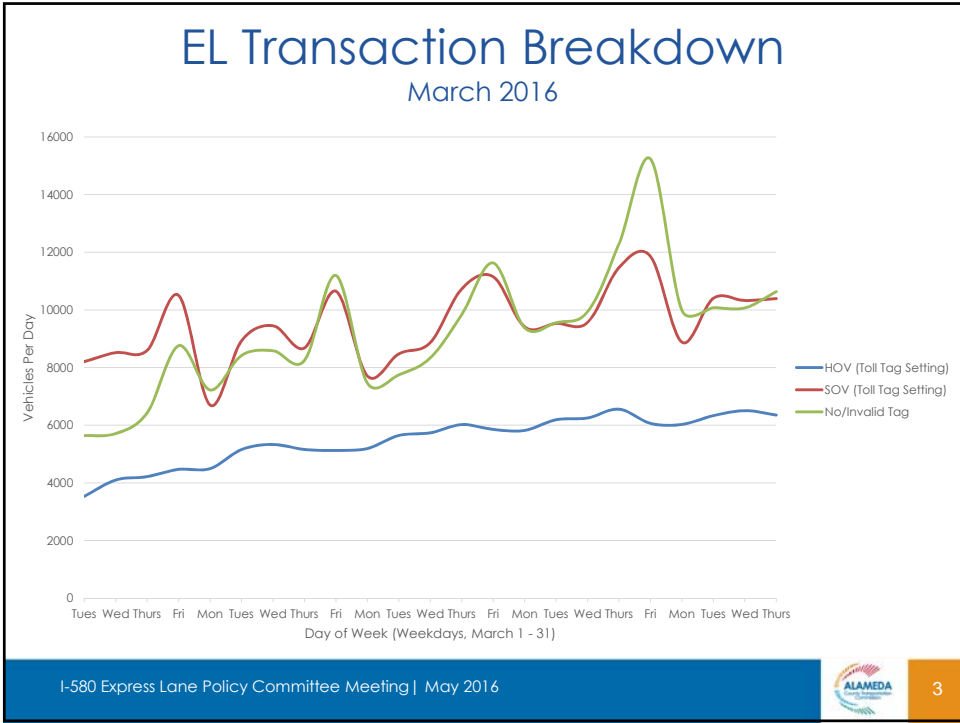
TRANSIT

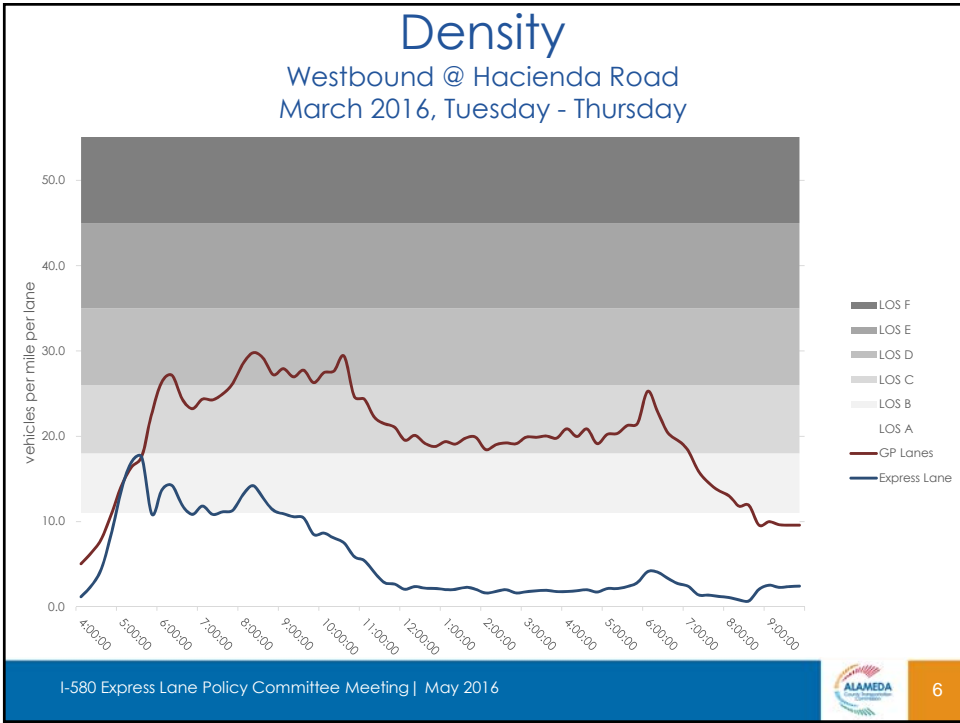
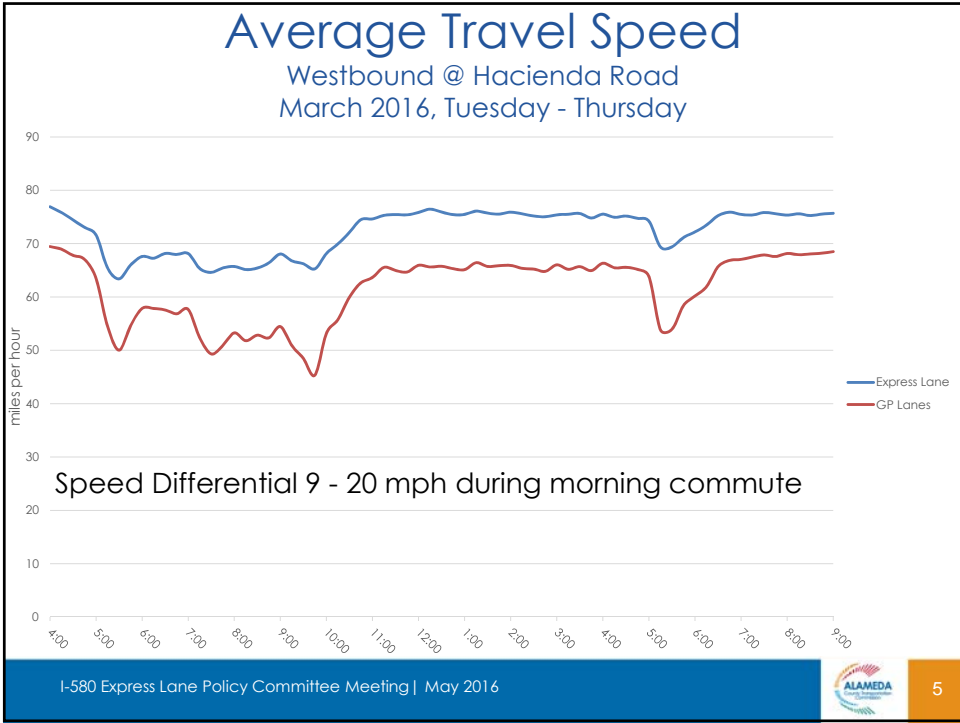
A Presentation for the
I-580 Express Lane Policy Committee
May 9, 2016

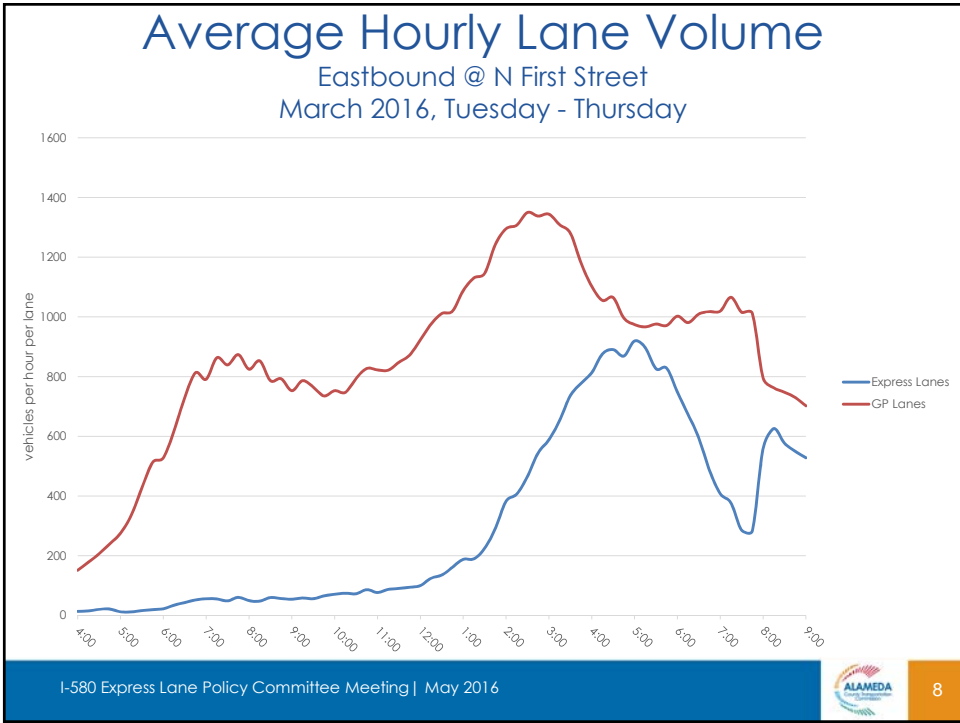
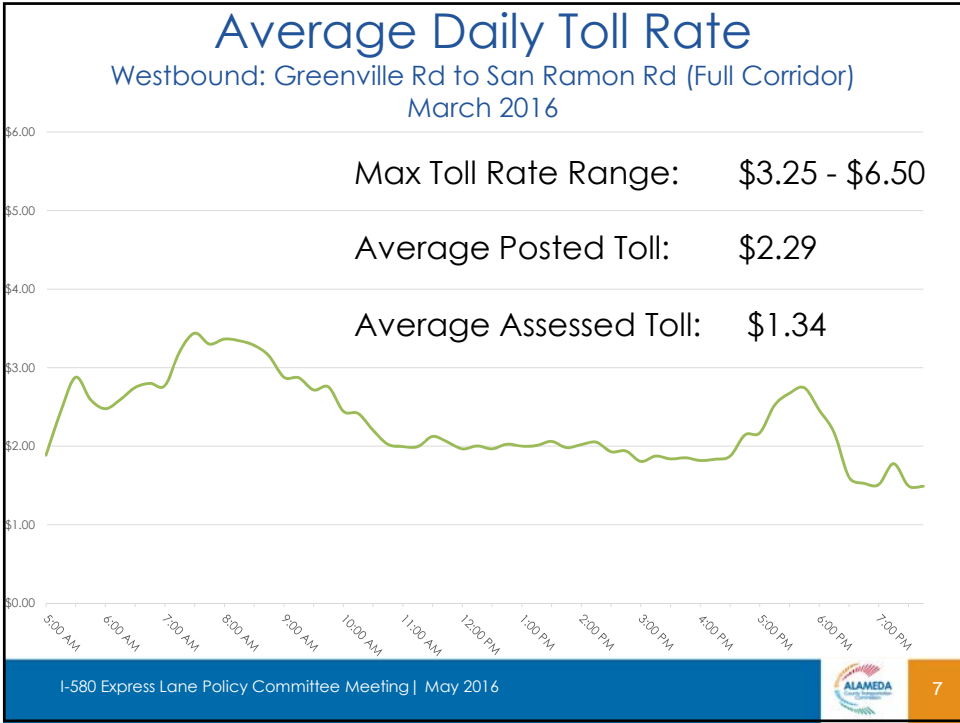


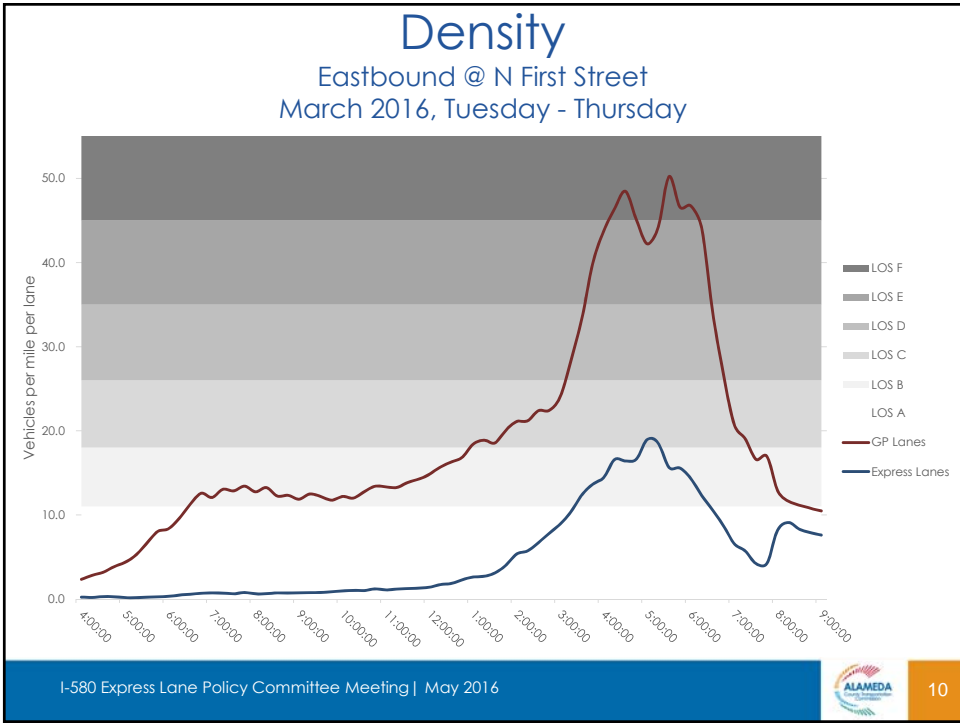
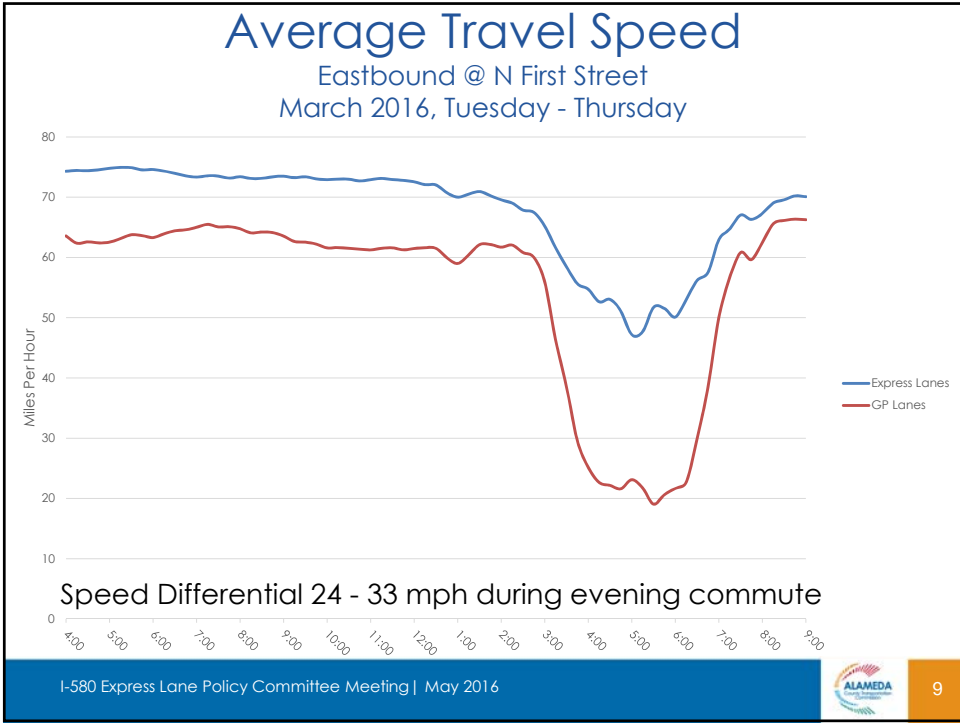
I-580 Express Lanes – March 2016

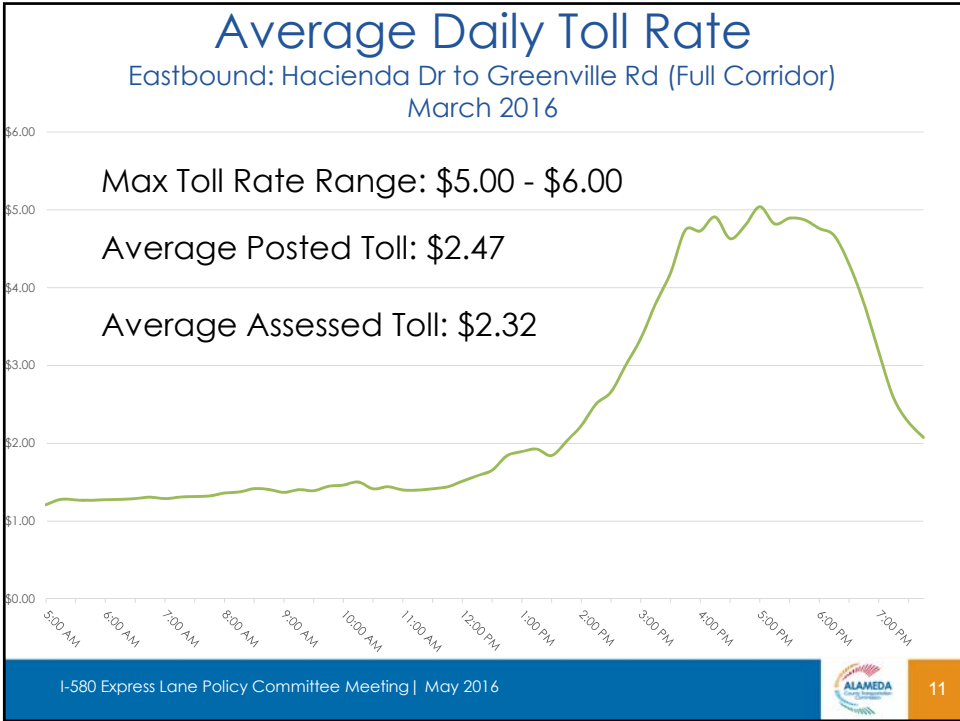
- Nearly 550,000 total express lane trips in March 2016
 - 23% HOV (*Toll Tag Setting*)
 - 39% SOV (*Toll Tag Setting*)
 - 1% Invalid Toll Tag (*negative balance, stolen tag, etc*)
 - 37% No Toll Tag
 - Estimated 40% of these have been matched to existing accounts
- Westbound: Over 211,000 trips in March
- Eastbound: Over 338,000 trips in March











ATTACHMENT C
I-580 Corridor HOV Lane Projects
Alameda CTC Projects 1368.004/1372.004/1372.005
Monthly Progress Report
April 2016

4.1C

PROJECT DESCRIPTION

Completion of the construction of new HOV lanes in the I-580 Corridor in the Livermore Valley in the eastbound and westbound directions, and construction of auxiliary lanes.

The final I-580 Corridor HOV segments include:

- Eastbound (EB) Segment 3 Auxiliary (AUX) Lanes, between Hacienda Drive and Greenville Road.
- Westbound (WB) HOV Lane between Greenville Road and San Ramon Road

CONSTRUCTION STATUS

Construction activities began in March 2013 and opened to traffic in February 2016 with the commissioning of both the Eastbound and Westbound Express Lanes.

Ongoing & Upcoming Activities

Ongoing and upcoming work activities include:

- Maintain Express Lane operations as HOV contract work punch list items and final corrective work is completed outside of commute hours.
- Complete the installation of permanent power sources along the corridor.
- All construction work is expected to complete by early summer 2016.

A project website (<http://www.dot.ca.gov/dist4/projects/i580wbhov/>) is maintained by Caltrans.

FUNDING AND FINANCIAL STATUS

The I-580 Corridor HOV Projects are funded through federal, state and local funds. All projects are tracking to complete within established and available budget.

SCHEDULE STATUS

The I-580 Corridor HOV Lane Projects completed the construction of the final HOV segments and opened them to traffic in February 2016 as Express Lanes. Closeout activities and final accounting will continue in 2016.

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ATTACHMENT D
I-580 Express Lane Public Outreach Update
May 2016

Extensive public outreach and education activities have been underway throughout the I-580 corridor commute shed since fall 2015 to create general awareness, promote the benefits of the lanes, emphasize proper use of the facility, and encourage the public to obtain FasTrak® and FasTrak® flex toll tags, which are required to use the lanes. Tools and efforts to date have generated significant positive media coverage, millions of impressions and have helped to support successful lane operations.

Public outreach and education has included a paid media effort and significant earned media, special events and employer and other stakeholder outreach including the development and distribution of collateral materials including banners, posters, informational cards and fact sheets, video and website and social media content for partners and stakeholders including for localities, transportation partner websites, local radio, television, businesses and civic organizations as well as responding to public inquiries via the express lane hotline and e-mails.

Post-opening advertising on the Waze app began April 16, 2016, which include targeted advertisements to carpoolers and all users when they are driving on the express lane corridor. Each ad generated approximately 30,000 impressions during the first week, focusing on the FasTrak and FasTrak Flex toll tag requirements. Advertising on Tri-Valley Community Television will begin shortly.

More than 107,000 FasTrak flex tags have been activated through April 22, 2016 by retail locations and the BATA customer service center, as well as at stakeholder events. Staff attended the Workday Green Transportation Earth Week event in Pleasanton on April 19, 2016 and staff will continue to participate in outreach events, and work with partner agencies and media outlets with a focus on increasing FasTrak flex tag acquisition and supporting continued safe and appropriate express lane use.

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Summary of Toll System Construction Contract Change Orders:

CCO	CCO Budget	Description of CCO	CCO Amount	Remaining CCO Budget
Budget approved in July 2015	\$936,000			
No. 1		Additional scope and budget for ETCC to remobilize and provide increased traffic control to manage toll system installation	\$113,400	
No. 2		Additional three long-distance toll sites, based on field conditions that increased the labor and materials costs	\$70,500	\$752,100
No. 3		Additional staff and communication lease line costs, associated with delay in lane opening	\$567,200	\$184,900
No. 4		Additional scope for mobile enforcement	\$60,000	\$124,900

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