



Meeting Notice

1111 Broadway, Suite 800, Oakland, CA 94607

• 510.208.7400

• www.AlamedaCTC.org

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Commission Vice Chair
Mayor Bill Harrison,
City of Fremont

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Mayor Pauline Cutter

City of Union City
Mayor Carol Dutra-Vernaci

Executive Director
Arthur L. Dao

I-580 Express Lane Policy Committee

Monday, July 11, 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.

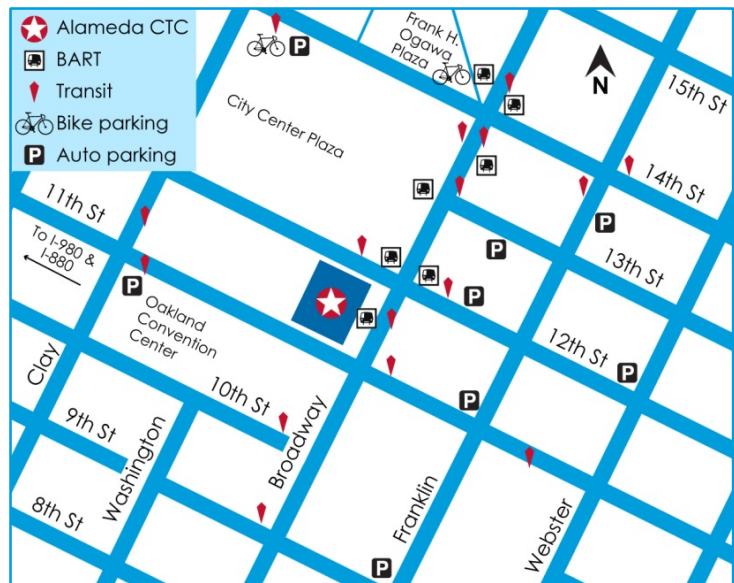
Glossary of Acronyms

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, July 11, 2016, 10:00 a.m.*

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

1111 Broadway, Suite 800, Oakland, CA 94607

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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

Page A/I

3.1. [Approval of the I-580 Express Lane PC May 9, 2016 Meeting Minutes](#)

1 A

4. Regular Matters

4.1. [Receive a status update on the operation of I-580 HOV/Express Lane](#)

3 I

5. Committee Member Reports (Verbal)

6. Staff Reports (Verbal)

7. Adjournment

Next Meeting: September 12, 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, June 13, 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 were no public comments.

3. Consent Calendar

3.1 Approval of the I-580 Express Lane PC May 09, 2016 Meeting Minutes

Commissioner Thorne 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

4. Regular Matters

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

Liz Rutman presented the operational data for the month of April 2016. She covered express lane trip statistics including the total number of express lane users, including those who carried and failed to carry toll tags, express lane trips by month, express lane transactions breakdown (that shows HOV trips that use flex-tags), average lane speed and density, average daily toll rates (which correlate with density), and a comparison between commutes in the same segment in February vs. May.

Commissioner Kaplan inquired whether the toll system will capture a lane user when the toll tag battery is out. Liz stated that the toll system is capable of capturing license plate images which can be used to identify matching FasTrak accounts. Appropriate tolls will be charged to these matching accounts however, a HOV rate reduction cannot be contained in this manner.

Commissioner Haggerty asked how much revenue has been collected. Patricia Reavey confirmed that the gross revenue is slightly over \$2 million since opening the lanes. Art Dao stated that there are several pending costs that need to be accounted for, including MTC/BATA costs.

Commissioner Haggerty asked that if the agency is charged a transaction fee to process violators of the lane. Liz stated that the agency pays an additional fee to MTC to process violation notices. The agency standardly pay MTC 16.1 cents per transaction in addition to 72-cents per violation for handling and mailing the notices.

Commissioner Haggerty wanted to confirm that violators had the option to purchase a Fastrak instead of receiving a violation. Liz responded that this is still an option for first time violators.

Commissioner Haggerty asked if the committee can get a financial update each month. Liz stated that she would provide that for the committee.

Commissioner Kaplan asked whether we are doing another round of marketing and advertisement for the lane. Heather stated that marketing and public outreach efforts are continuing, and are expected to continue until the end of next fiscal year.

Commissioner Kaplan asked if there was an option to extend the hours of the express lanes. Liz stated that there are several operational costs for monitoring the system 24- hours, which may not be justify extending the hours of operation.

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, July 11, 2016 @ 10:00 a.m.

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

Attested by:



Vanessa Lee, Clerk of the Commission



Memorandum

4.1

1111 Broadway, Suite 800, Oakland, CA 94607

• PH: (510) 208-7400

• www.AlamedaCTC.org

DATE: July 5, 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 May 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 10 to 23 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 12 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.

May 2016 Operation Update: The May update is included as Attachment B to this report. During the 22 days of operations in May, we documented over 647,000 trips in the express

lanes; over 270,000 westbound trips and 375,000 eastbound trips. An estimated 27% of motorists in the express lanes were of HOV users with FasTrak® flex toll tags, 40% were single-occupant vehicles with FasTrak® (standard or flex) toll tags, and the remaining 33% 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. The percentage of HOV users with FasTrak® flex toll tags has increased each month since inception, suggesting increased awareness of how the express lane works.

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 10 to 23 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 2:30 pm and 7:00 pm, the motorists in the eastbound express lane traveled with average speeds between 12 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, during the month of May, the actual maximum posted toll rates did not exceed \$7.25 in the westbound direction and \$6.50 in the eastbound direction. The average westbound posted toll rate to travel the entire corridor in May 2016 was \$2.54, with an average toll assessed to non-HOV users of \$1.34; the average eastbound posted toll rate to travel the entire corridor was \$2.60, with an average assessed toll to non-HOV users of \$2.32.

Through May 2016, the I-580 Express Lanes have recorded nearly 1.9 million total trips and generated over \$2.031 million in toll revenues.

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 are planned to continue through the end of Fiscal Year 2016/17 in order to promote the benefits of the lanes, emphasize proper use of the facility, and encourage the public to carpool and 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 May 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

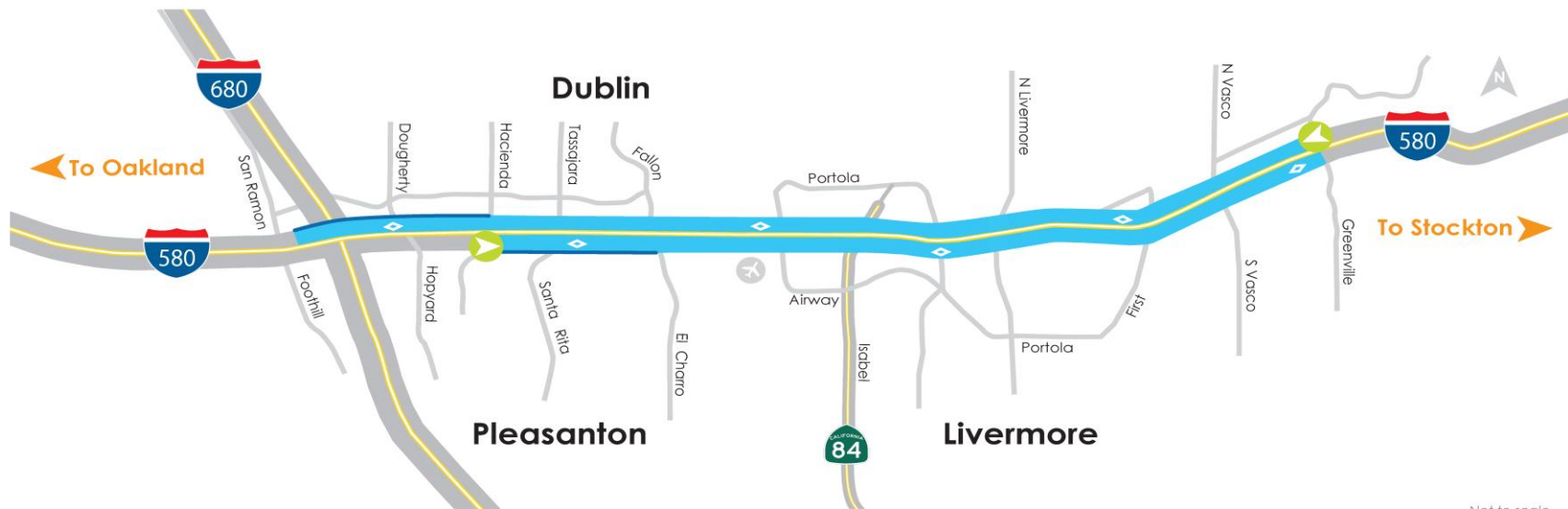
[Liz Rutman](#), Express Lanes Operation and Maintenance Manager

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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



A Presentation for the
I-580 Express Lane Policy Committee
July 11, 2016



TOLL-PAYING
VEHICLES

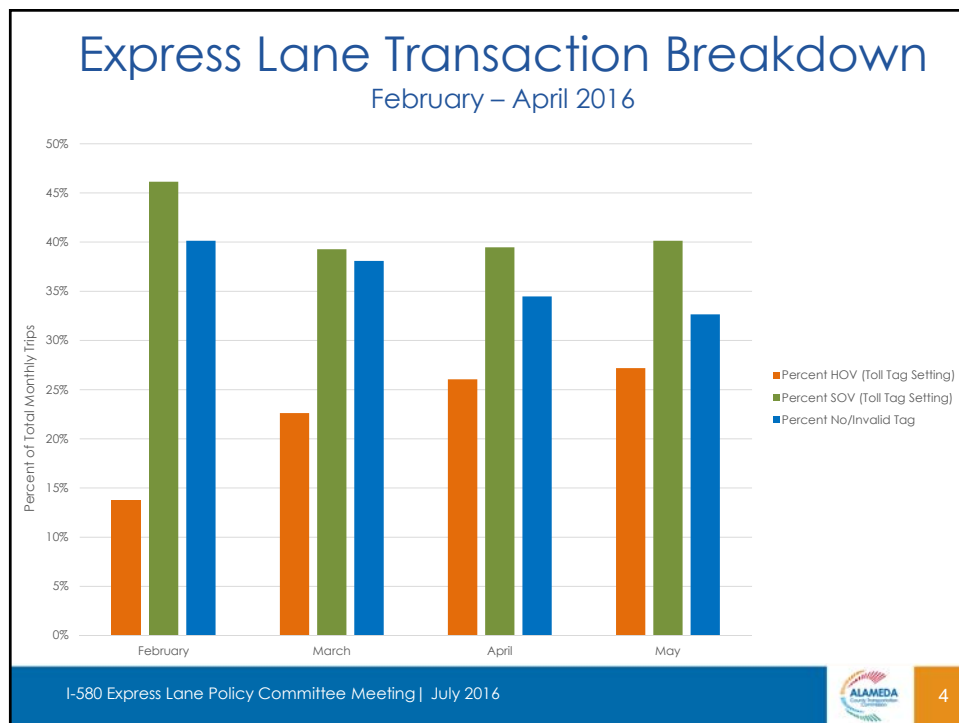
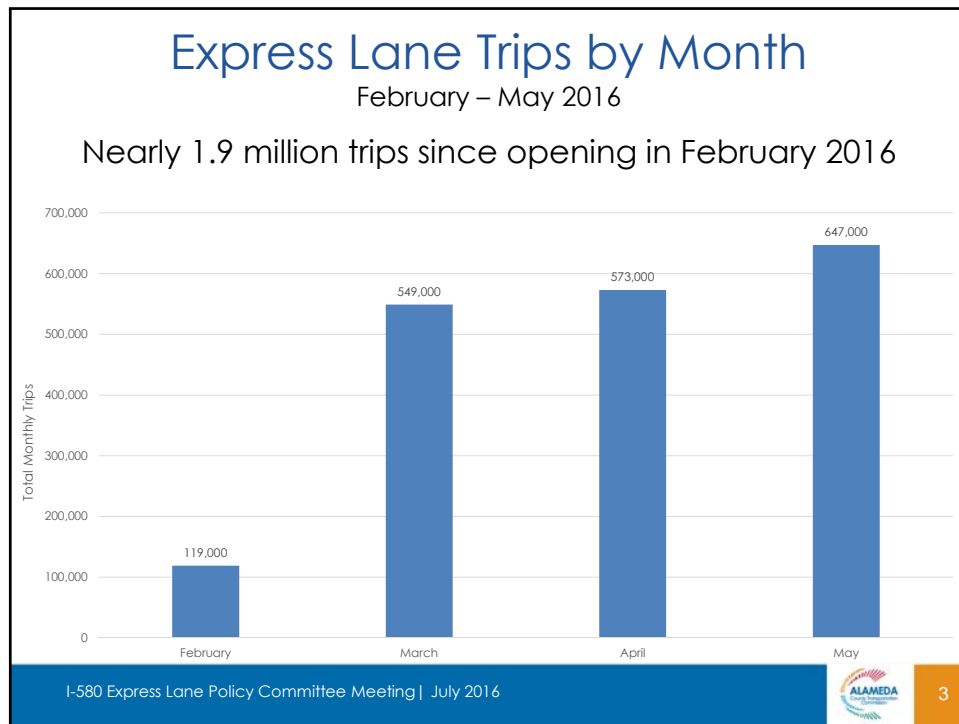


TRANSIT

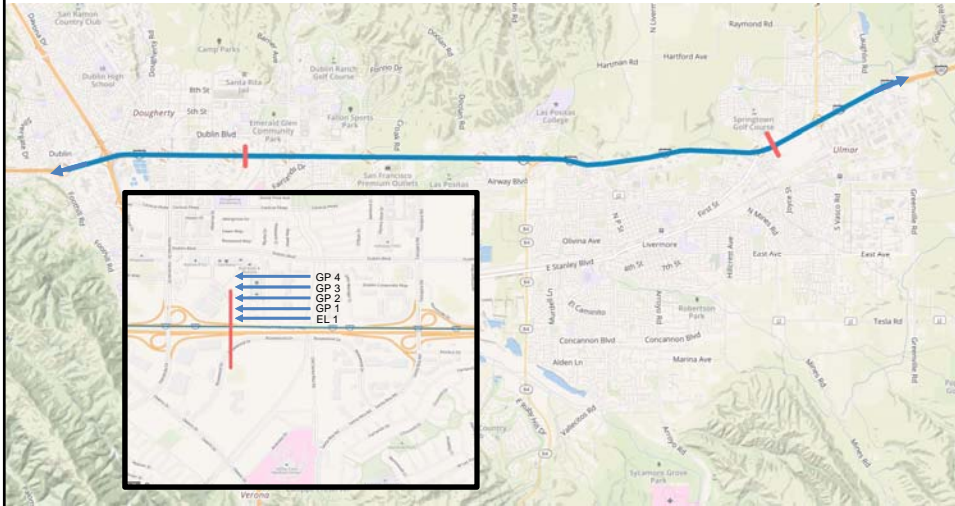


I-580 Express Lanes – May 2016

- Over 647,000 total express lane trips in May 2016
 - 27% HOV (Toll Tag Setting)
 - 40% SOV (Toll Tag Setting)
 - 1% Invalid Toll Tag (negative balance, stolen tag, etc)
 - 32% No Toll Tag
 - Estimated 50% require violation notices to be sent
- Westbound: Over 270,000 trips in April
- Eastbound: Over 375,000 trips in April



Speed/Density Data Location Westbound @ Hacienda Road



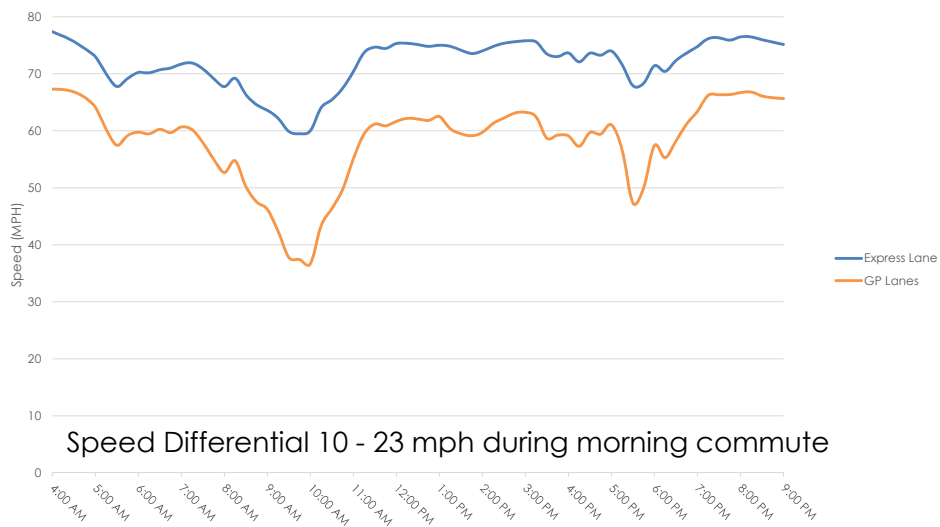
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Average Travel Speed

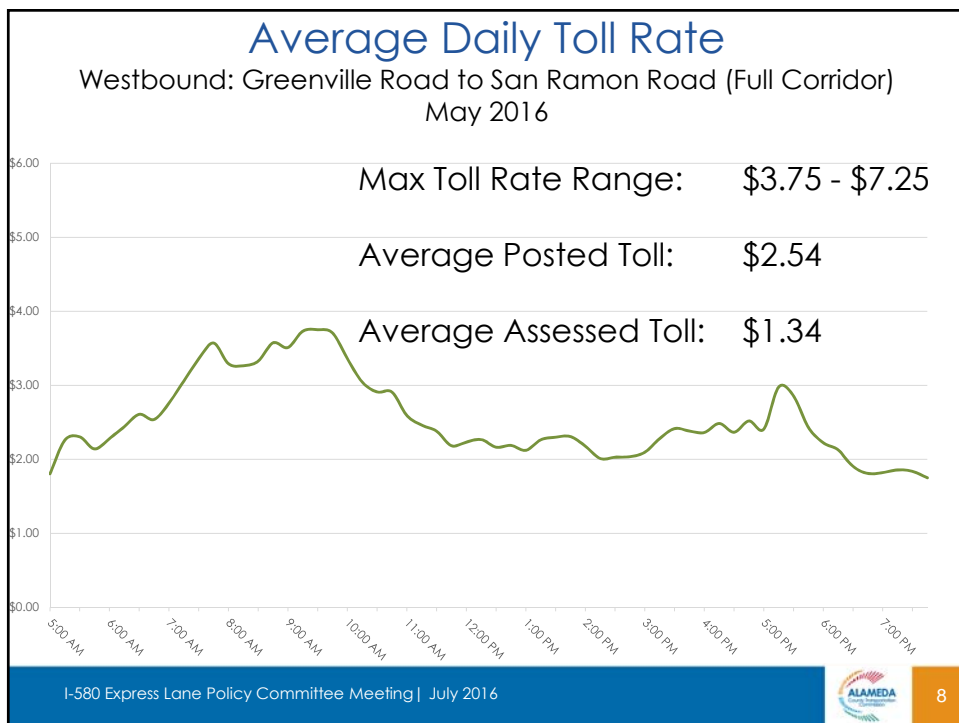
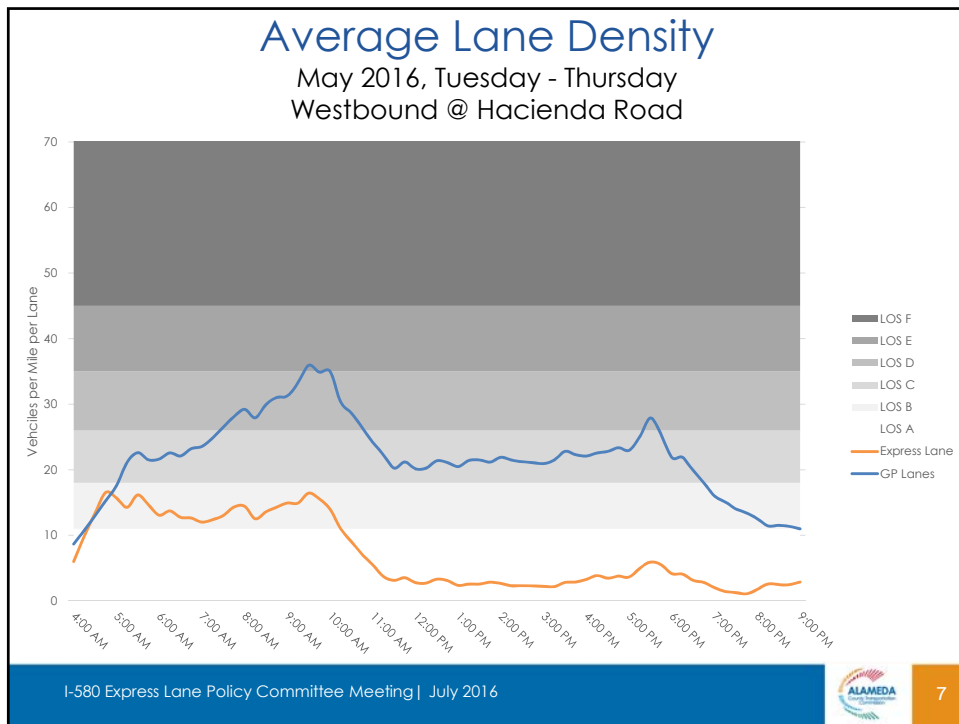
May 2016, Tuesday – Thursday
Westbound @ Hacienda Road



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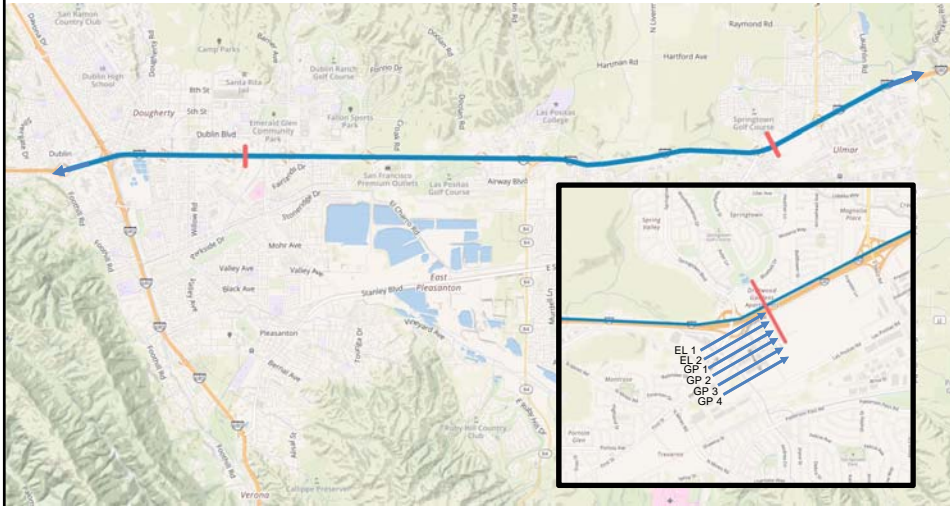


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Speed/Density Data Location

Eastbound @ North First Street



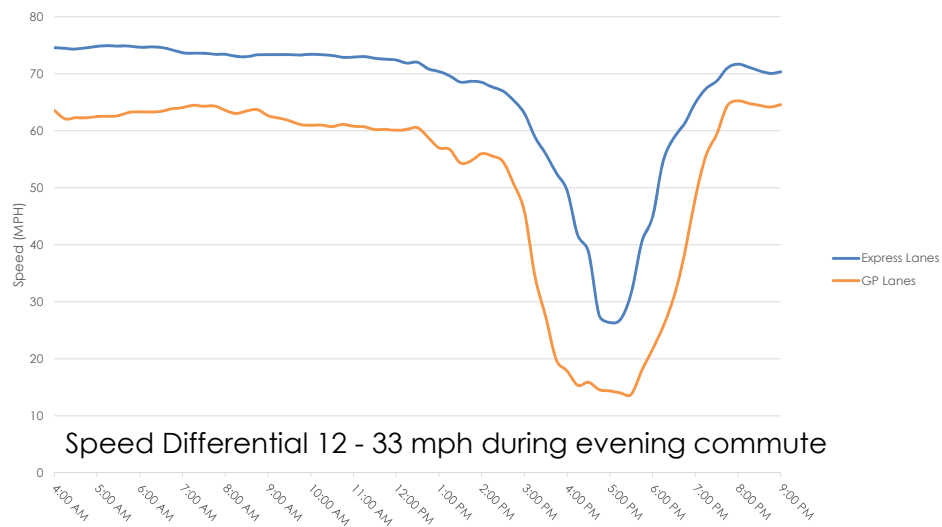
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Average Travel Speed

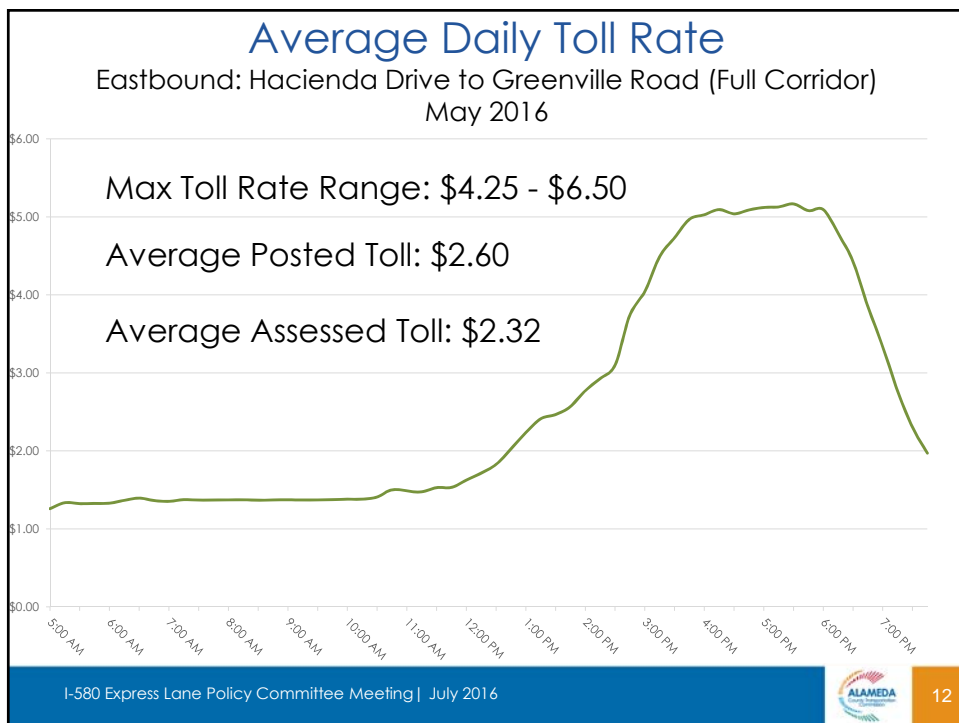
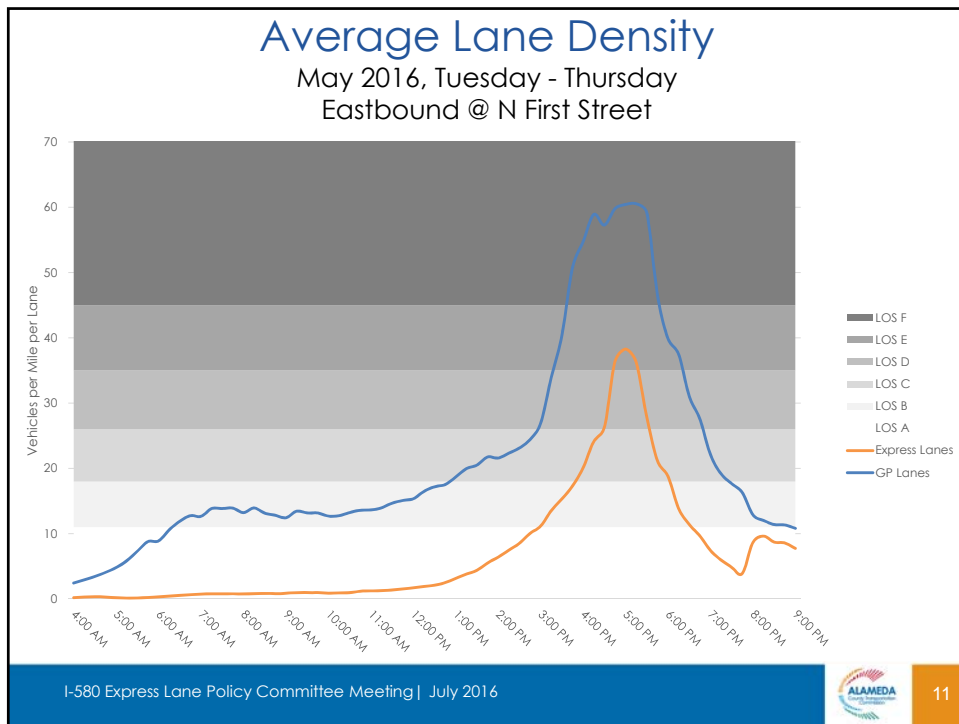
May 2016, Tuesday - Thursday
Eastbound @ N First Street

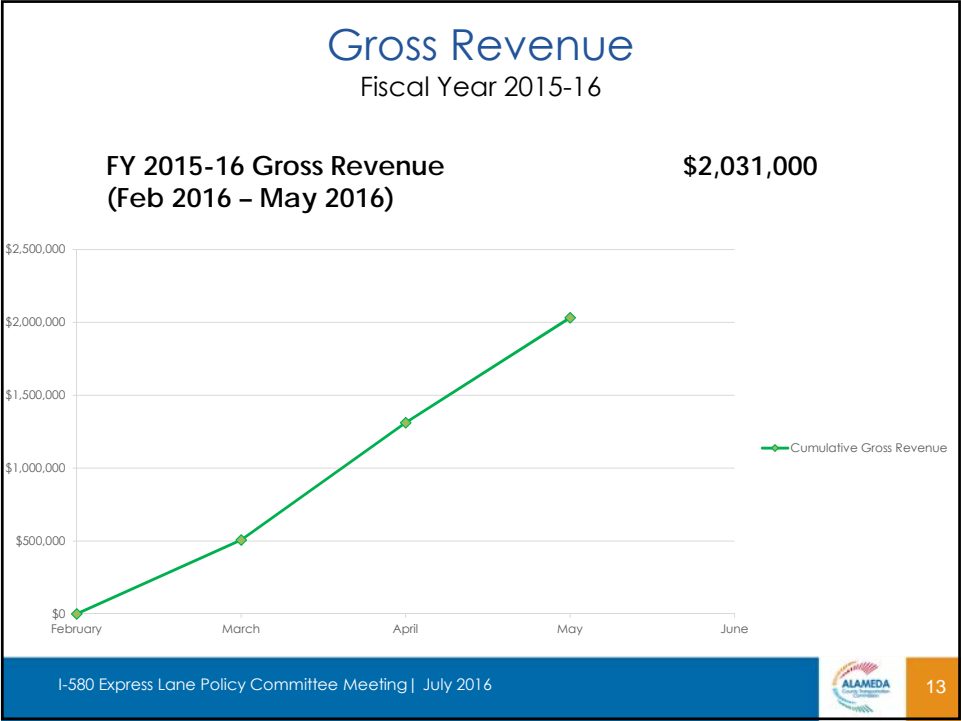


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ATTACHMENT C
I-580 Corridor HOV Lane Projects
Alameda CTC Projects 1368.004/1372.004/1372.005
Monthly Progress Report
June 2016

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.
- Minor punchlist work is in progress. All construction is expected to complete in 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
July 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 express 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. Efforts to date have generated significant positive media coverage, millions of impressions and have helped to support successful lane operations.

The communications plan was designed to effectively communicate about the opening of the I-580 Express Lanes to key stakeholders, local, Bay Area and San Joaquin County media outlets, local residents, businesses, transportation providers and commuters throughout the Tri-Valley corridor and larger commute shed - reaching the target audiences in English, Spanish and Chinese. The initial launch of the campaign generated more than 40 million impressions between January 4 and March 31, 2016 with some of the media vehicles extending beyond the scheduled opening date to maintain awareness in the marketplace.

Stakeholder outreach included the development and distribution of collateral materials including banners, posters, informational cards and fact sheets, video and website and social media content for localities, transportation partner websites, local radio, television, businesses and civic organizations.

Post-opening advertising on the Waze app began April 16, 2016. These targeted advertisements to carpoolers and all users when they are driving on the express lane corridor are ongoing. Advertising on Tri-Valley Community Television will occur later this summer. Information about the I-580 Express Lanes continues to be on the alamedactc.org homepage, bayareafastrak.org homepage, bayareaexpresslanes.org homepage, commuteconnection.com homepage (San Joaquin Valley's TDM program) and on 511.org.

More than 140,000 FasTrak flex tags have been activated through June 20, 2016 by retail locations and the BATA customer service center, as well as at stakeholder events.

Staff is now refining a post-opening public outreach and education plan for FY16-18 and will continue to participate in outreach events, and work with partner agencies, stakeholders, and media outlets with a focus on increasing FasTrak flex tag acquisition, encouraging carpooling, and supporting continued safe and appropriate express lane use. Staff continues to respond to public inquiries via the express lane hotline, social media and direct e-mails.

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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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