I-580 Express Lanes
Monthly Operations Update

A Presentation for the
I-580 Express Lane Policy Committee
March 13, 2017

Average Daily Express Lane Trips by Month
February 2016 - January 2017

7.11 million trips since opening in February 2016
Speed/Density Data Locations
Westbound (5 am - 11 am), January 2017

- # Average AM Peak Speed Differential (mph)
- X Average AM Peak Express Lane LOS
- Y Average AM Peak GP Lane LOS

Westbound I-580 Corridor Speed Heat Maps
Monday-Friday, August 2016 – January 2017
Westbound I-580 Corridor Density Heat Maps
Monday-Friday, August 2016 - January 2017

<table>
<thead>
<tr>
<th>Mile</th>
<th>0</th>
<th>3</th>
<th>6</th>
<th>9</th>
<th>12</th>
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- Express Lane
- General Purpose

I-580 EL: Average Daily Toll Rate
Westbound: Greenville Road to San Ramon Road (Full Corridor)

- Maximum Posted Toll rate: $9.75 (1 of 21 days)
- Average Assessed Toll: $2.07 (all WB trips)
Speed/Density Data Locations
Eastbound (2 pm - 7 pm), January 2017

<table>
<thead>
<tr>
<th>#</th>
<th>Average PM Peak Speed Differential (mph)</th>
<th>Average PM Peak Express Lane LOS</th>
<th>Average PM Peak GP Lane LOS</th>
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<tbody>
<tr>
<td>21</td>
<td>C</td>
<td>E</td>
<td>(Buffered)</td>
</tr>
<tr>
<td>10</td>
<td>B</td>
<td>C</td>
<td>A</td>
</tr>
<tr>
<td>5</td>
<td>A</td>
<td>C</td>
<td>C</td>
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<tr>
<td>11</td>
<td>C</td>
<td>C</td>
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Eastbound I-580 Corridor Speed Heat Maps
Monday-Friday, August 2016 – January 2017

Express Lane
- Hacienda Rd
- Santa Rita Rd
- Fallon Rd
- Airway Blvd
- Isabel Ave
- N. Livermore Ave

General Purpose
- N. First St
- Vasco Rd
- Greenville Rd
Eastbound I-580 Corridor Density Heat Maps
Monday-Friday, August 2016 – January 2017

I-580 EL: Daily Maximum Toll Rate
Eastbound: Hacienda Dr to Greenville Rd (Full Corridor)

Maximum Posted Toll Rate: $7.75 (1 of 21 days)
Average Assessed Toll: $2.25 (all WB trips)
I-580 Express Lanes: Gross Revenue

FY 2015-16 Gross Revenue (Feb 2016 – June 2016) $ 2.97 million
FY 2016-17 Gross Revenue (July 2016 – January 2017) $ 6.58 million

First Year Retrospective
Express Lane Usage (5 am – 8 pm weekdays)

EXPRESS LANE ENTRY POINTS

Significant amount of Express Lane users enter the lanes from within the Tri-Valley area.
First Year Retrospective
Express Lane Usage (5 am – 8 pm weekdays)

EXPRESS LANE EXIT POINTS

**Westbound**
- Trips exiting within Tri-Valley Area 38%
- Trips through the 680/580 Interchange 62%

**Eastbound**
- Trips exiting within Tri-Valley Area 28%
- All Trips into Alamo Pass 72%

Majority of Express Lane user destinations are outside the Tri-Valley area.

- On average, approximately 11% of corridor traffic uses EL
- Approximately 6% GP lane reduction from toll-paying EL users

### Westbound
- 90-95% of traffic across all lanes travels in GP Lanes

### Eastbound
- 5-10% of traffic across all lanes travels in EL
- 10-15% of traffic across all lanes travels in ELs
- 85-90% of traffic across all lanes travels in GP Lanes