

## I-580 Express Lanes Monthly Operations Update



TOLL-PAYING VEHICLES

◆

TRANSIT

A Presentation for the  
I-580 Express Lane Policy Committee  
September 12, 2016



## I-580 Express Lanes – June & July 2016

| Trip Classification |           | June 2016     | July 2016     |
|---------------------|-----------|---------------|---------------|
| By Type             | HOV       | 201,000 (29%) | 192,000 (29%) |
|                     | SOV       | 279,000 (40%) | 260,000 (39%) |
|                     | No Tag    | 219,000 (31%) | 215,000 (32%) |
| By Direction        | Westbound | 301,000       | 302,000       |
|                     | Eastbound | 398,000       | 365,000       |
| Total               |           | 699,000       | 667,000       |

Trip totals are rounded to the nearest thousand.

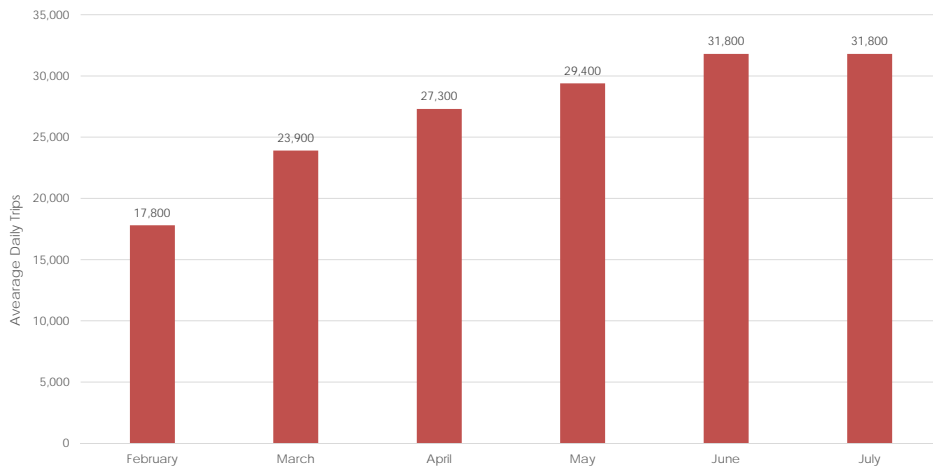
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## Average Daily Express Lane Trips by Month

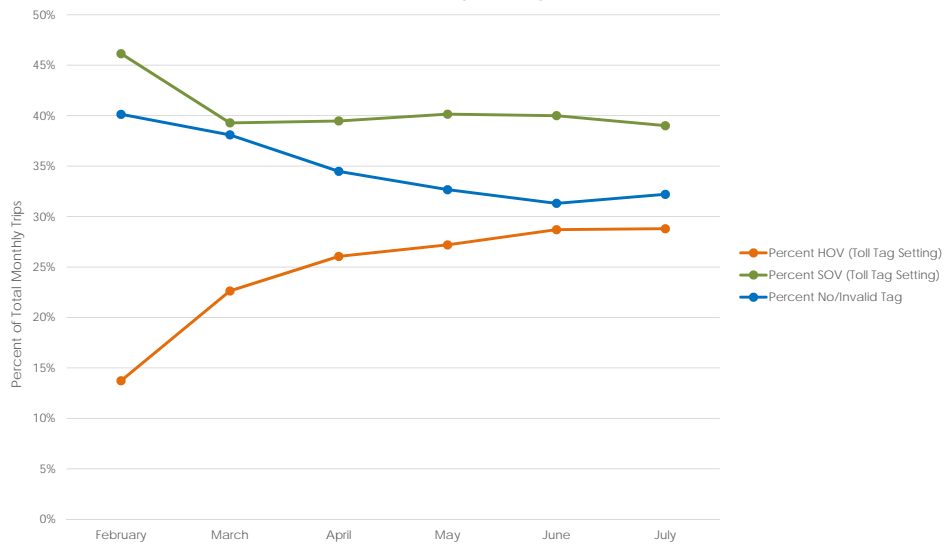
February – July 2016

Nearly 3.3 million trips since opening in February 2016

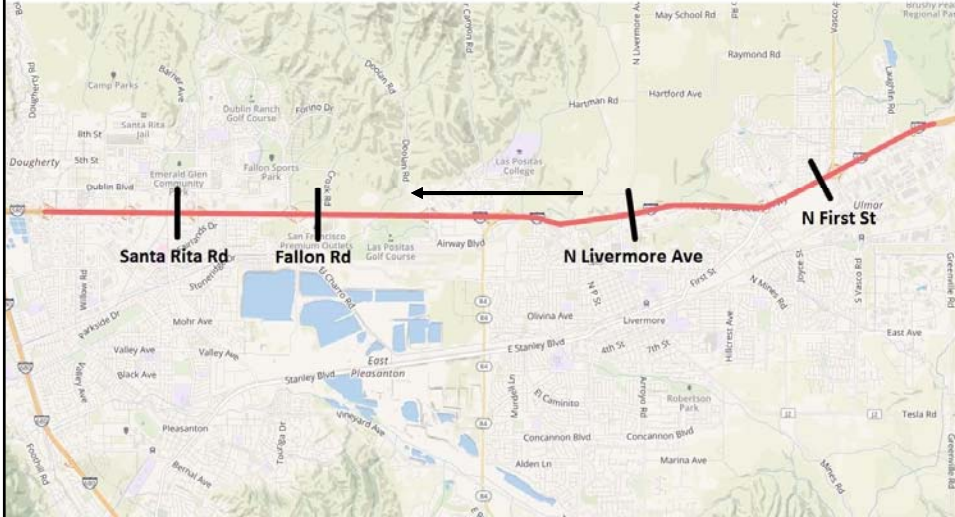


## Express Lane Transaction Breakdown

February – July 2016

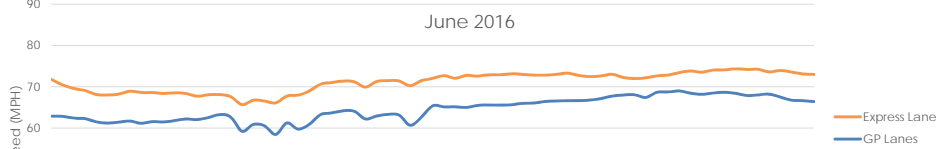


## Speed/Density Data Locations Westbound

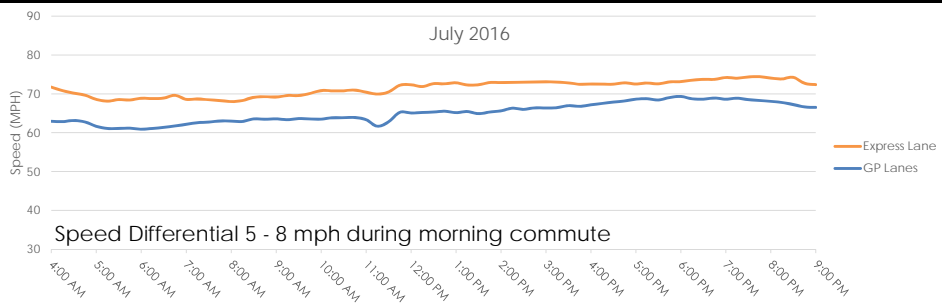


## Average Travel Speed

Westbound @ N First St

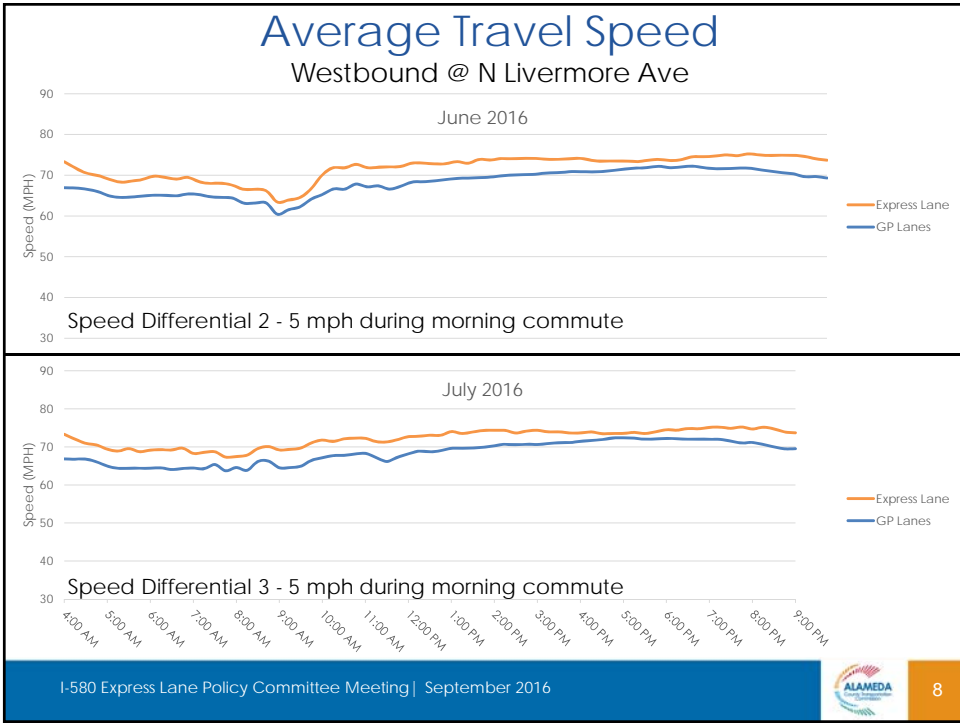
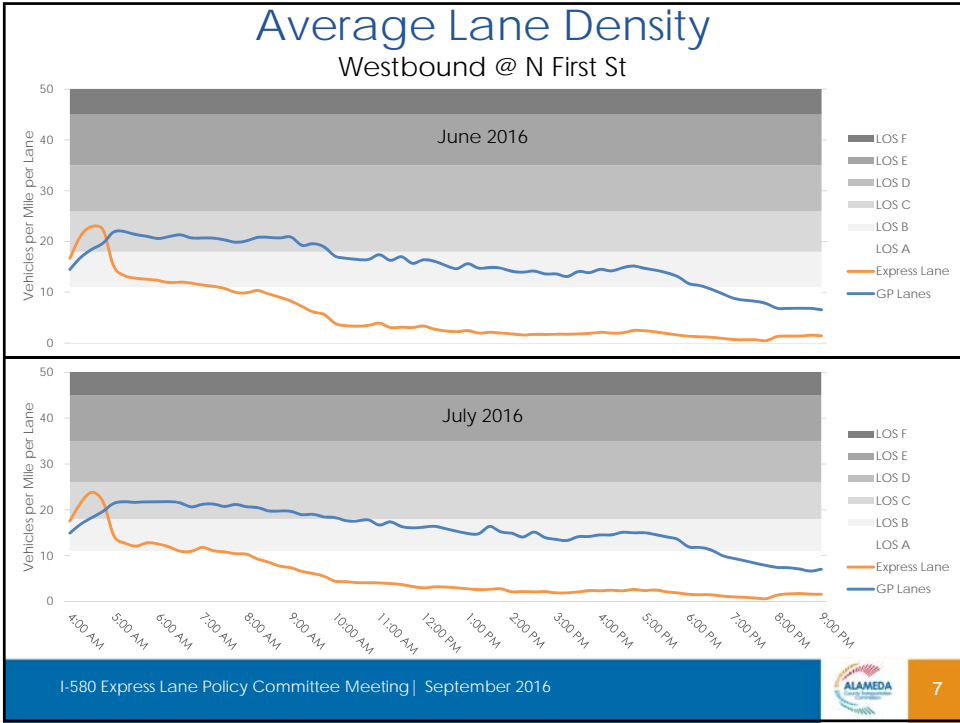


Speed Differential 5 - 8 mph during morning commute



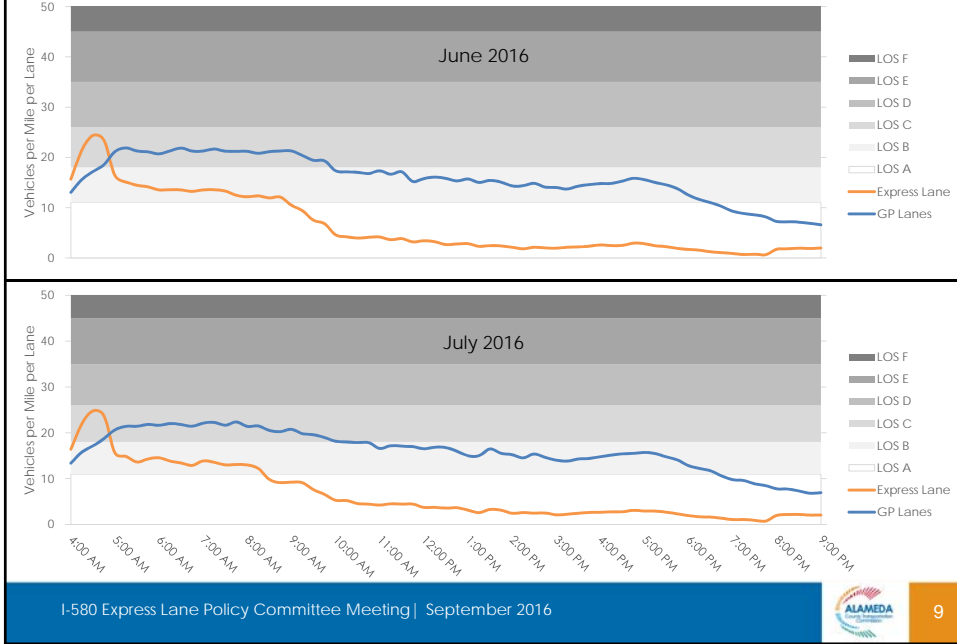
Speed Differential 5 - 8 mph during morning commute





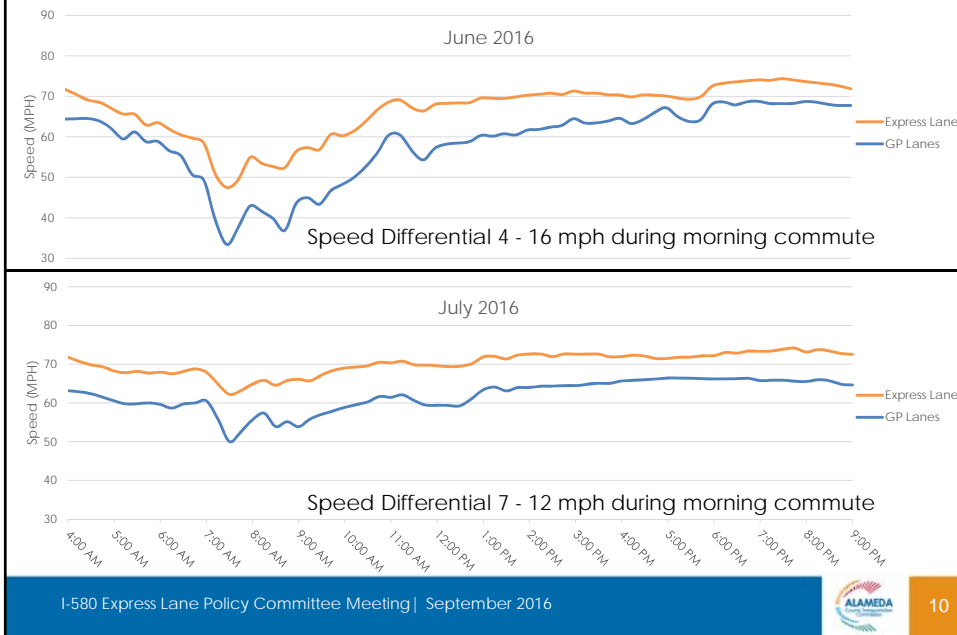
## Average Lane Density

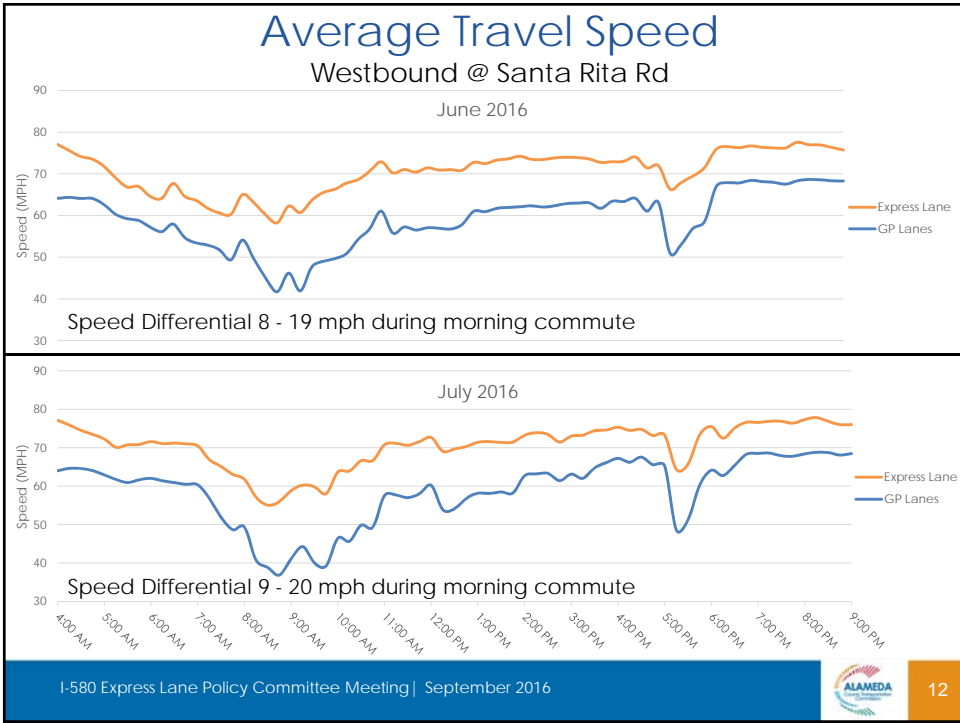
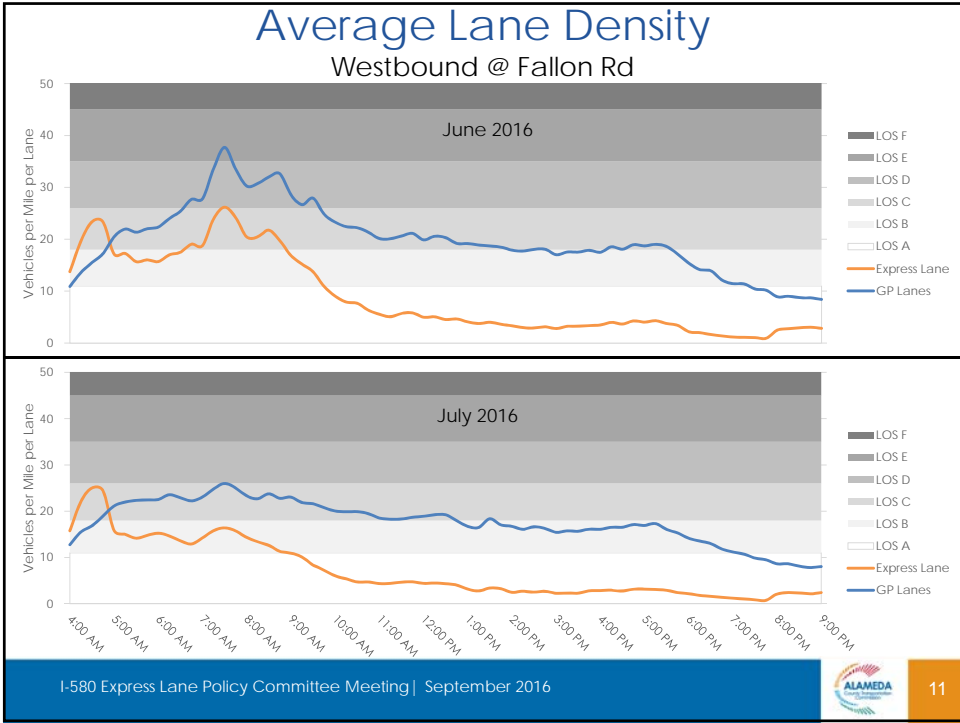
Westbound @ N Livermore Ave



## Average Travel Speed

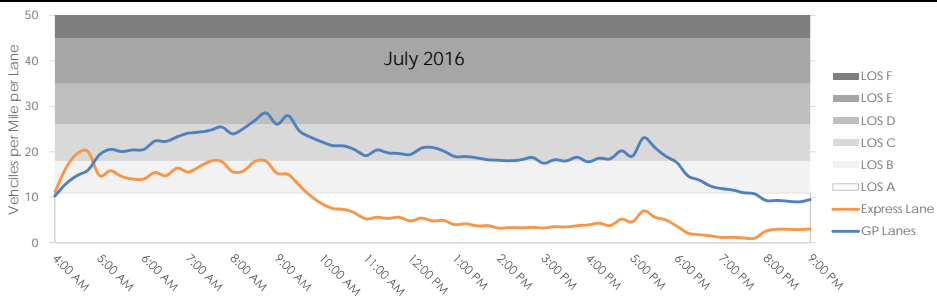
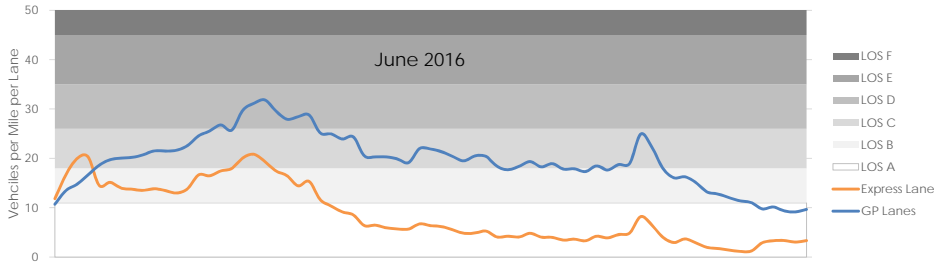
Westbound @ Fallon Rd





## Average Lane Density

Westbound @ Santa Rita Rd



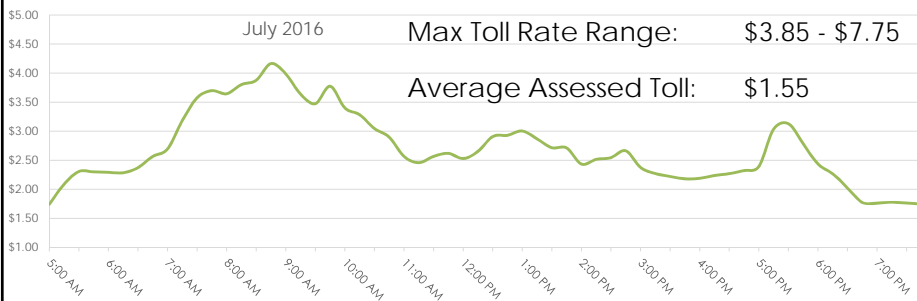
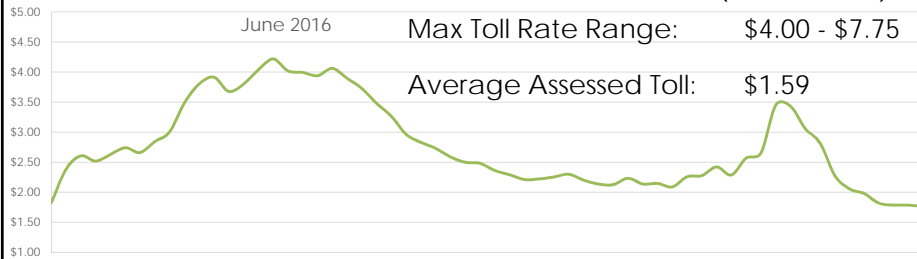
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## Average Daily Toll Rate

Westbound: Greenville Road to San Ramon Road (Full Corridor)



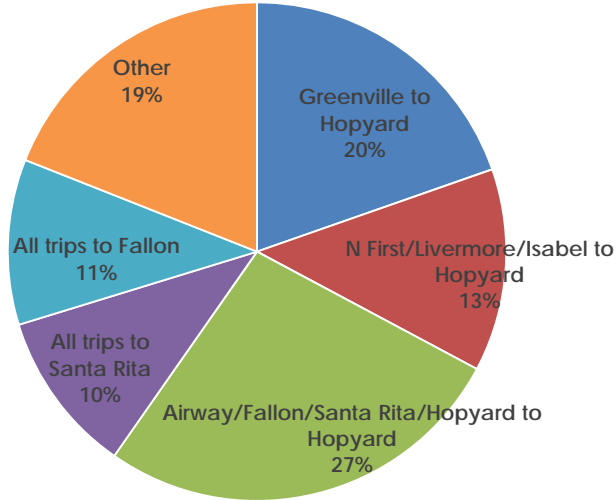
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# Westbound Trip Destinations

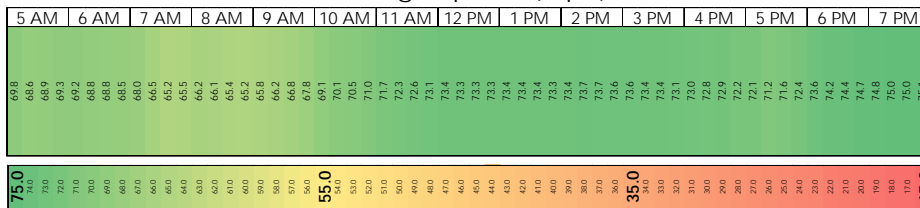
April 2016 – June 2016



# Westbound Corridor Heat Maps

April 2016 – June 2016

Average Speed (mph)



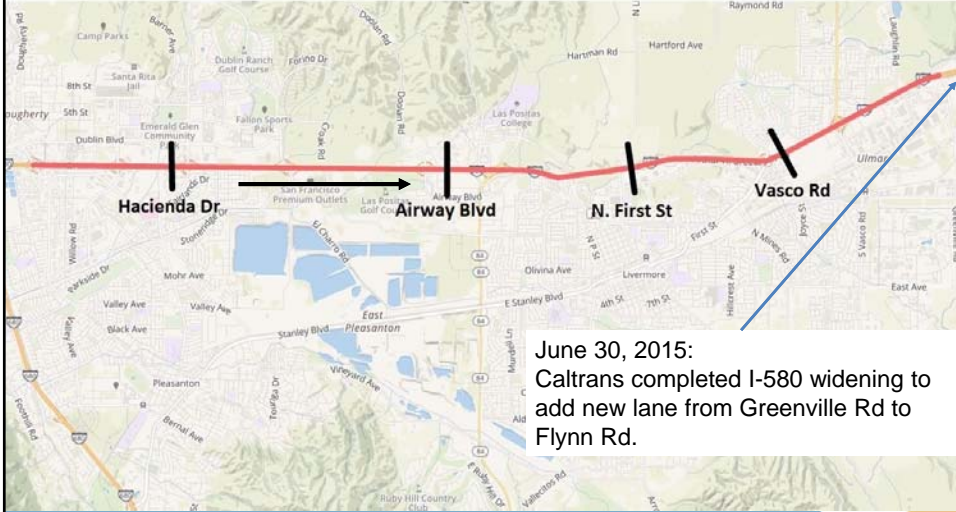
Average Density (vpmp)

| 5 AM  | 6 AM  | 7 AM  | 8 AM  | 9 AM  | 10 AM | 11 AM | 12 PM | 1 PM  | 2 PM  | 3 PM  | 4 PM  | 5 PM  | 6 PM  | 7 PM  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1390  | 1332  | 1226  | 1204  | 1208  | 1187  | 1187  | 1187  | 1187  | 1187  | 1187  | 1187  | 1187  | 1187  | 1187  |
| LOS A | LOS B | LOS C | LOS D | LOS E | LOS F | LOS A | LOS B | LOS C | LOS D | LOS E | LOS F | LOS A | LOS B | LOS C |

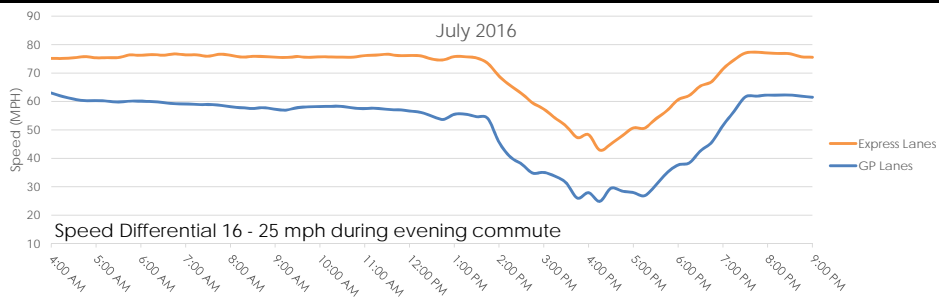
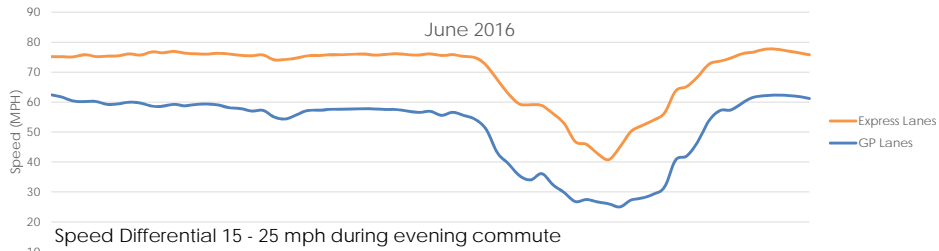




# Speed/Density Data Locations Eastbound

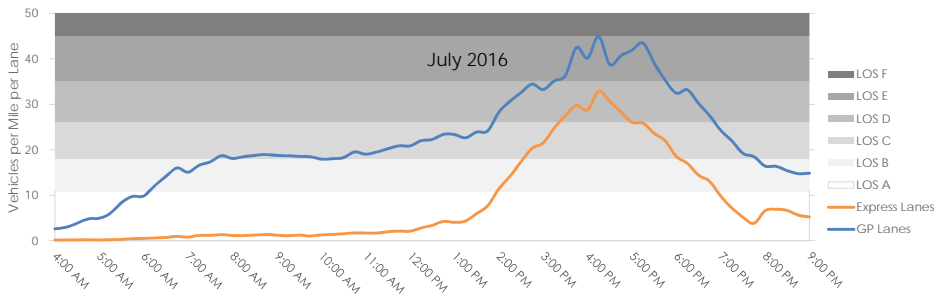
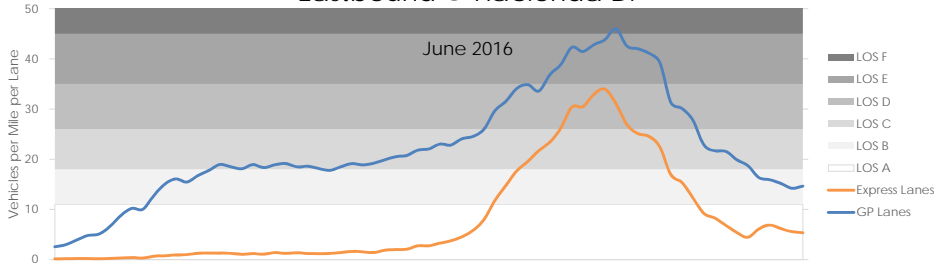


# Average Travel Speed Eastbound @ Hacienda Dr



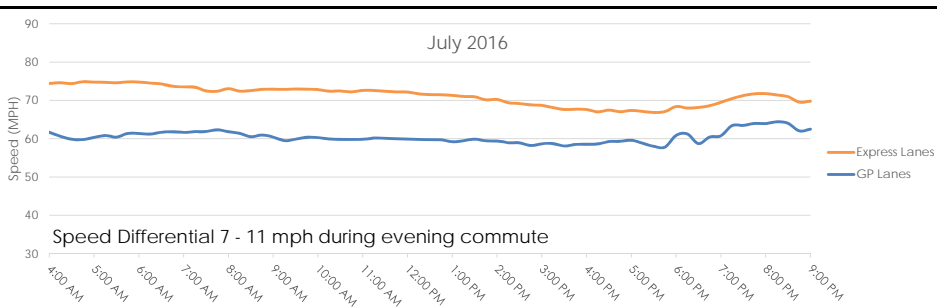
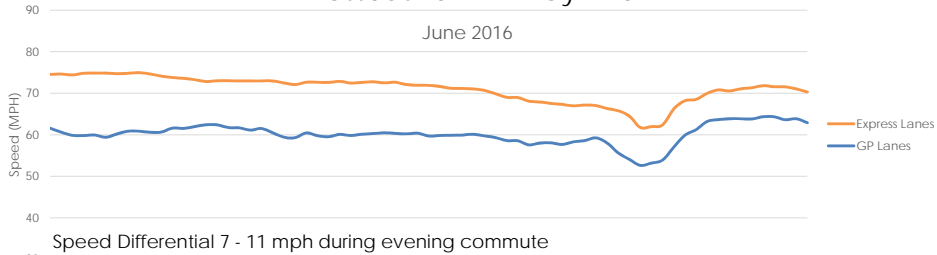
# Average Lane Density

Eastbound @ Hacienda Dr



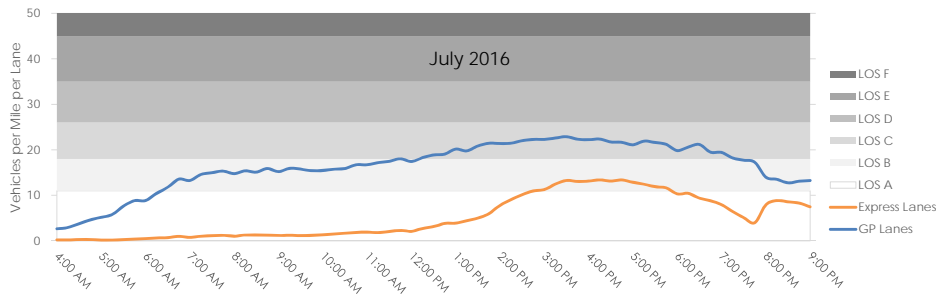
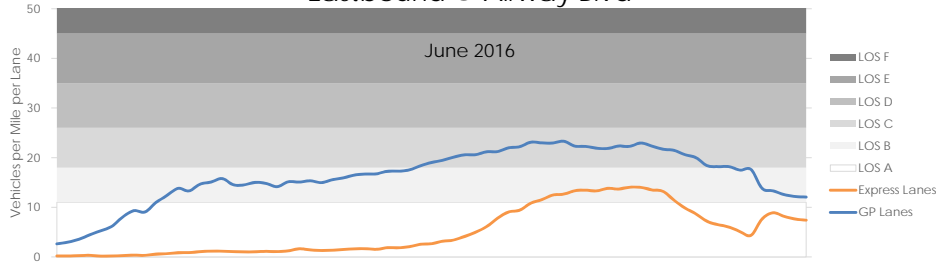
# Average Travel Speed

Eastbound @ Airway Blvd



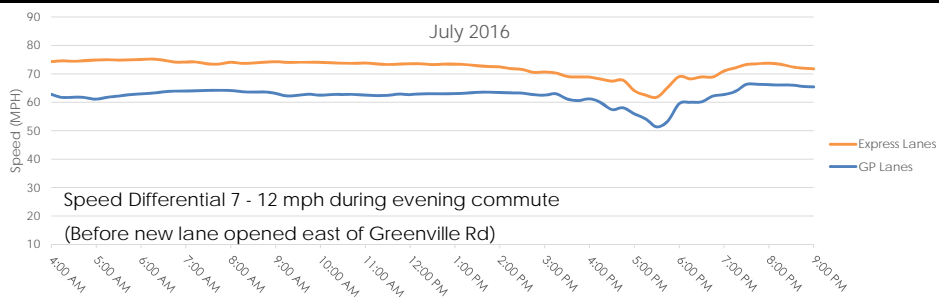
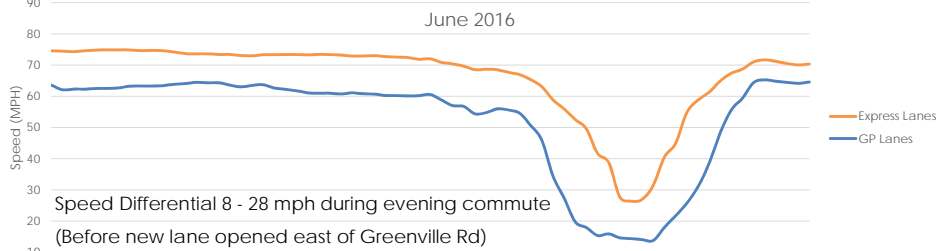
# Average Lane Density

Eastbound @ Airway Blvd



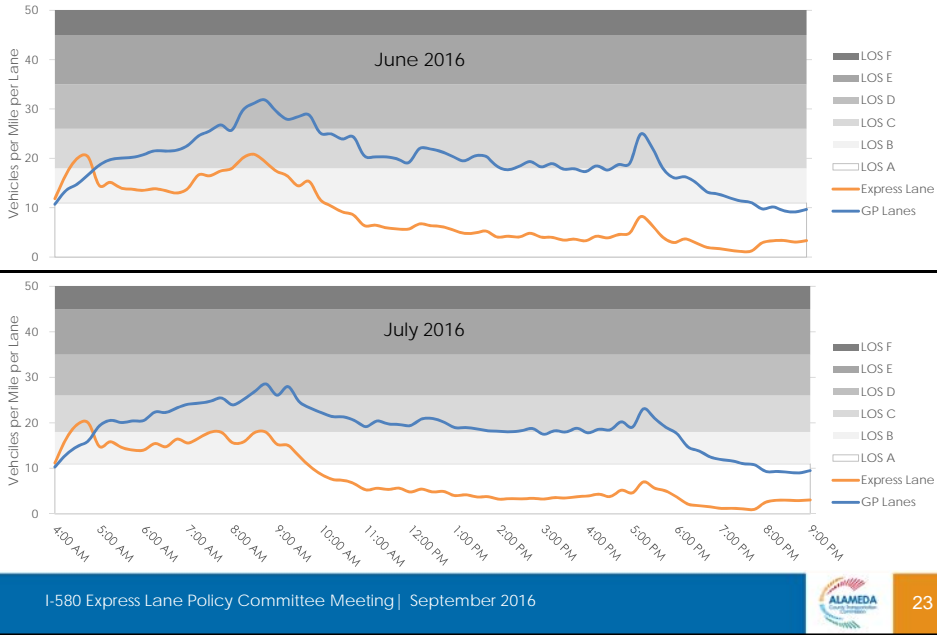
# Average Travel Speed

Eastbound @ N First Street



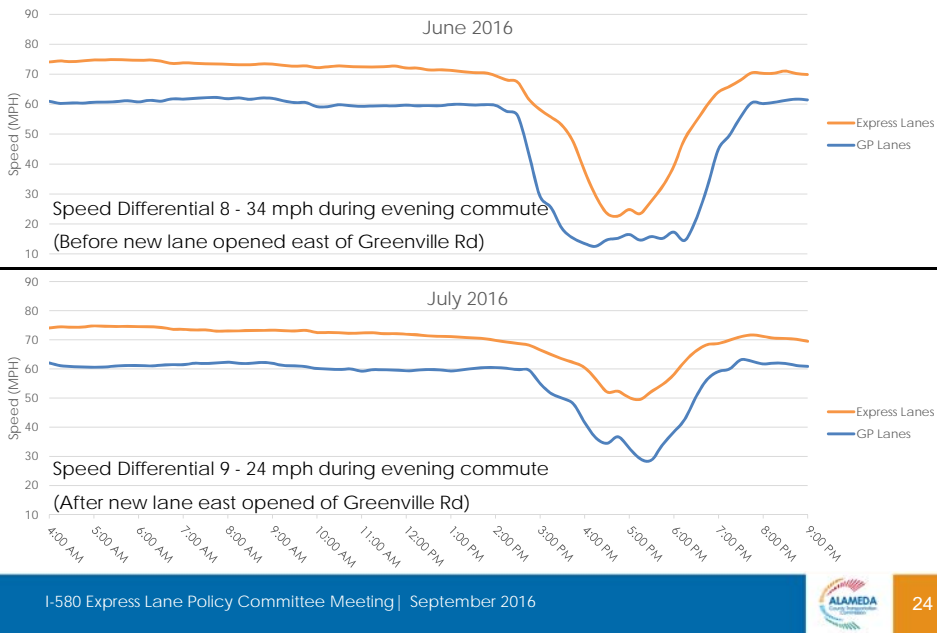
## Average Lane Density

### Eastbound @ N First Street



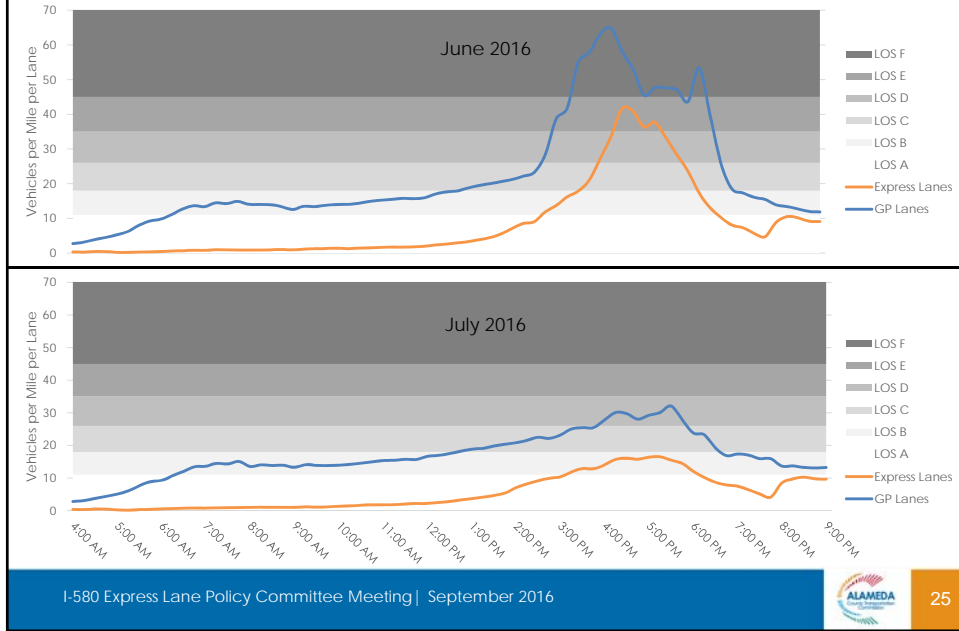
## Average Travel Speed

### Eastbound @ Vasco Rd



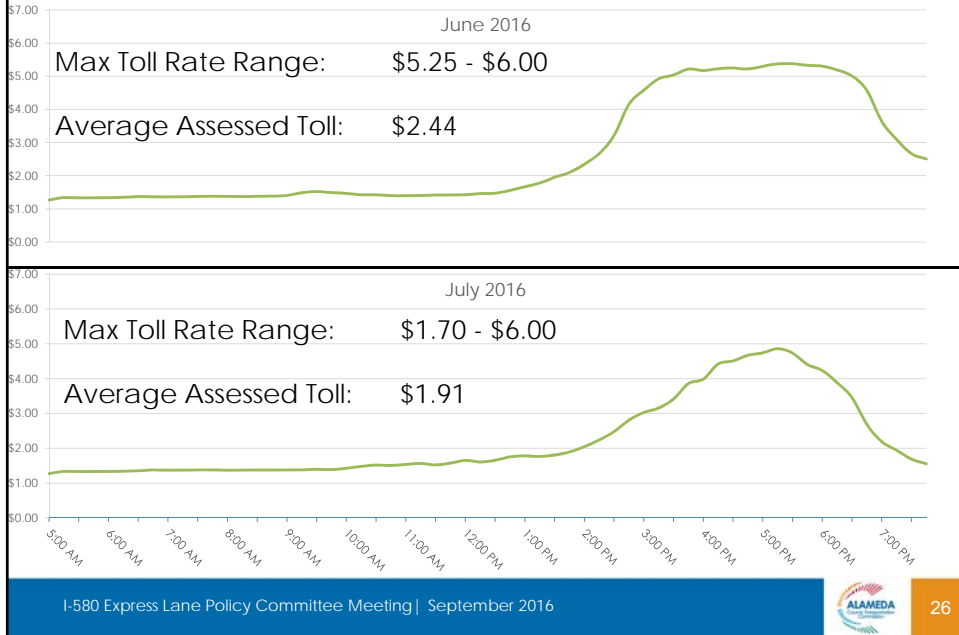
## Average Lane Density

Eastbound @ Vasco Rd



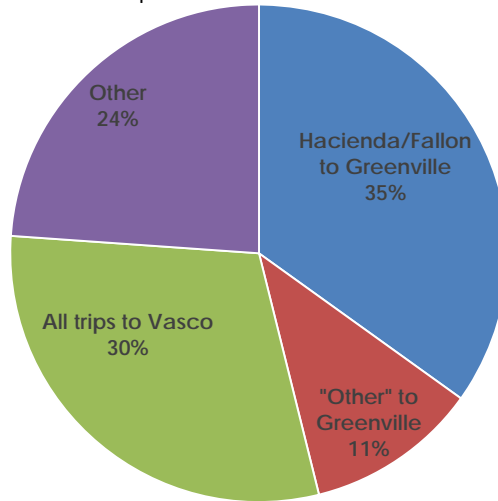
## Average Daily Toll Rate

Eastbound: Hacienda Dr to Greenville Rd (Full Corridor)



# Eastbound Trip Destinations

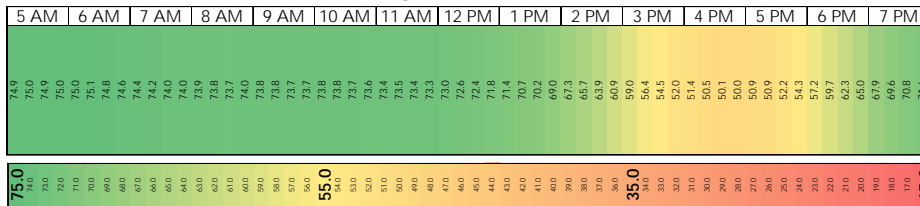
April 2016 – June 2016



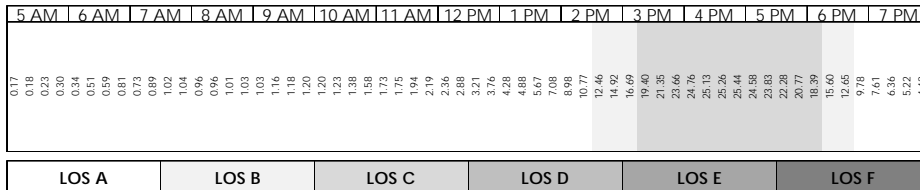
# Eastbound Corridor Heat Maps

April 2016 – June 2016

Average Speed (mph)



Average Density (vpmp)l



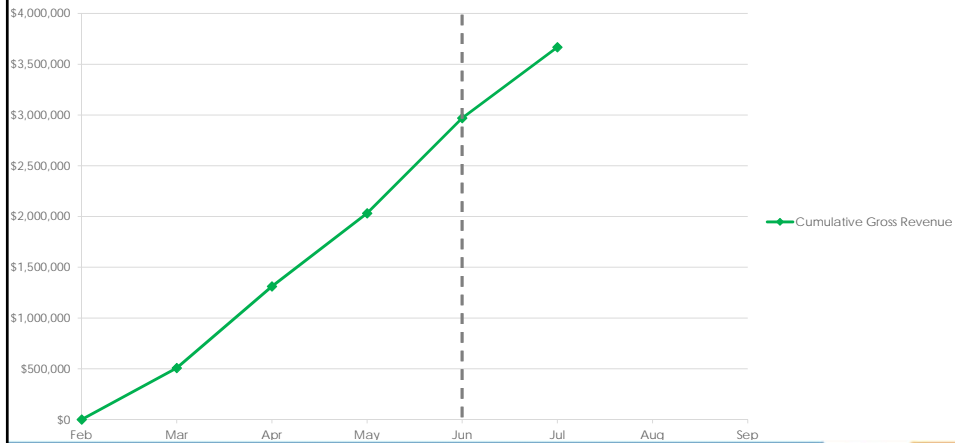
| LOS A | LOS B | LOS C | LOS D | LOS E | LOS F |
|-------|-------|-------|-------|-------|-------|
|-------|-------|-------|-------|-------|-------|



## Gross Revenue

Since Opening

|   |             |
|---|-------------|
| FY 2015-16 Gross Revenue (Feb 2016 – June 2016) | \$2,970,000 |
| FY 2016-16 Gross Revenue (July 2016)            | \$ 697,000  |



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## I-580 Paving Coming Soon

Caltrans will be re-paving I-580 beginning in spring/summer 2017:

- East of Express Lanes
  - *Greenville Road to Patterson Pass Road (beyond I-205)*
- West of Express Lanes
  - *Eden Canyon Road to Strobridge Avenue*
- Anticipated completion in 2019

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# Questions & Answers

