



ALAMEDA COUNTY TRANSPORTATION COMMISSION


I-580 Express Lanes After Study

Report to the Legislature




Liz Rutman, Director of Express Lanes Implementation and Operations
 I-580 Express Lanes Policy Committee
 October 8, 2018

I-580 Express Lanes Corridor Project Details



Westbound: New express lane from Greenville Road to I-680 Overcrossing.

Eastbound: Converted the HOV lane from Hacienda Road to Greenville Road and added an express lane from El Charro Road to North First Street.



I-580 EXPRESS LANES AFTER STUDY REPORT TO LEGISLATURE

2

AB 2032 Requirement



- After Study must be submitted within 3 years of operations
- Analysis on corridor operations by lane
- Coordination with CHP and Caltrans



Project Goals

- Provide congestion relief.
- Project enhanced operational and safety improvements.
- Expand available capacity for high-occupant vehicles (HOVs).
- Expand the mobility options in the corridor.
- Provide reliable travel time savings to express lane users.
- Increase the efficiency of the transportation system by charging single occupant vehicles for use of available capacity without impacting carpool lane operations.
- Maintain Level of Service (LOS) C in the express lanes.



Project Goals

Project Goals		Did the Project Meet its Goals?	
1	Provide congestion relief.	✓	Reduced overall travel times and annual vehicle hours of severe delay.
2	Provide enhanced operational and safety improvements.	✓	Reduced bottlenecks /queuing. Collision increases on par with other Alameda County freeways.
3	Expand available capacity for HOVs.	✓	Added new carpool capacity in both directions.
4	Expand the mobility options in the corridor.	✓	Faster and more reliable → attractive mobility option in the corridor.
5	Provide reliable travel time savings to express lane users.	✓	Express lane users travel 2-4 minutes faster and with increased reliability.
6	Increase the efficiency of the transportation system by charging single occupant vehicles for use of available capacity without impacting carpool lane operations.	✓	Corridor accommodates up to 30% more vehicles than previously.
7	Maintain Level of Service (LOS) C in the express lanes.	✓	The express lanes operate at LOS C in the AM and PM peak hours.



Recommendation

Staff recommends that the Committee approve the I-580 Express Lanes After Study Report to the Legislature



This page intentionally left blank