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.
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

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

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