



ALAMEDA COUNTY TRANSPORTATION COMMISSION

I-680 Express Lanes Modified Business Rules and Toll Policies



TOLL-PAYING VEHICLES



TRANSIT

I-680 Sunol Smart Carpool Lane Joint Powers Authority (Sunol JPA)
Liz Rutman, Director of Express Lanes Implementation and Operations
July 13, 2020

I-680 Sunol Express Lanes

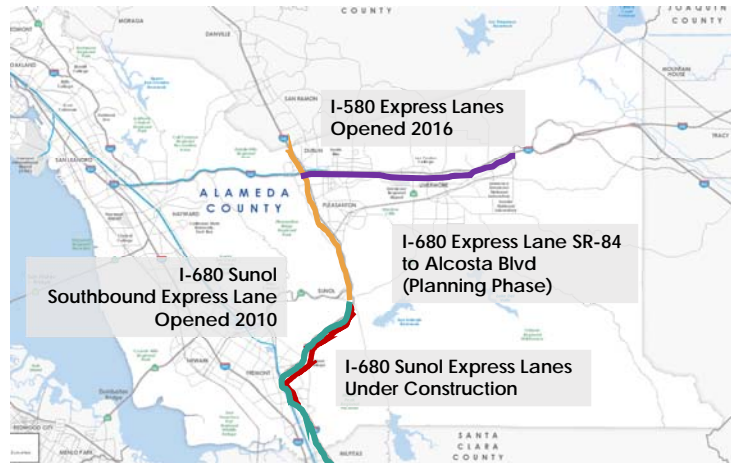
- Southbound
 - SR 84 to SR 237
 - Opened September 2010 as limited-access express lane
 - Being converted to open access from SR 84 to SR 262
- Northbound
 - Auto Mall Parkway to SR 84
 - New Lane



I-680 Sunol Smart Carpool Lane Joint Powers Authority (Sunol JPA)

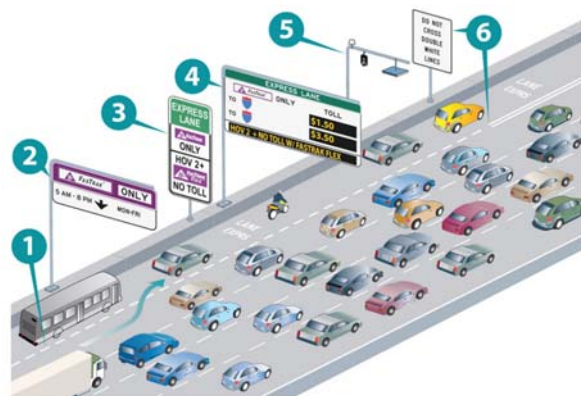
Why Express Lanes?

- Provide travel time savings and travel reliability
- Expand the network for HOVs and buses
- Optimize the corridor capacity



I-680 Sunol EL Freeway Operational Policies

- Access Control (1 6)
 - Continuous
- Hours of Operation (2)
 - 5 am – 8 pm, Monday – Friday
- Occupancy Requirements (3)
 - HOV2+

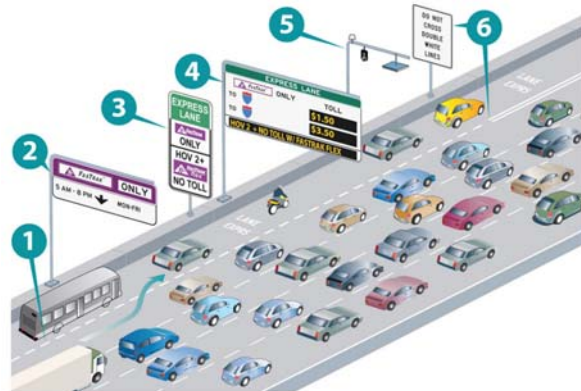


Caltrans retains authority to set freeway operational policies. Sunol JPA adopted these policies during the environmental process.



I-680 Sunol EL Toll Policies

- User Rules
- Discounts
- Pricing
- Fare Assignment
- Enforcement



FasTrak® Required for All Vehicles



ALL USERS must have a valid FasTrak Account

FasTrak Flex® for occupancy discounts



Non-switchable Tag

OR

License Plate on Account



→ Pay Full Toll Amount



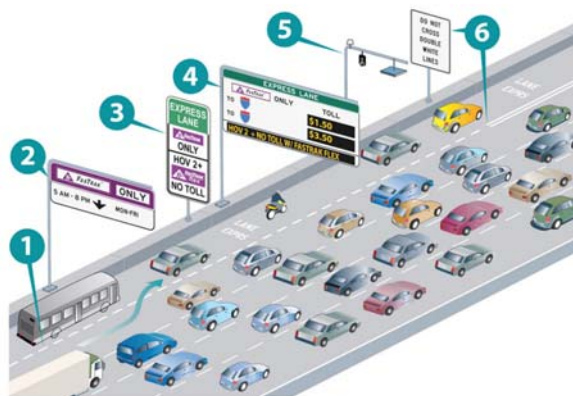
Regional Discount Consistency

Facility	SR 237 Express Lanes	I-680 Contra Costa Express Lanes	I-880 Express Lanes	I-580 Express Lanes
Operating Agency	VTA	BAIFA	BAIFA	Alameda CTC
Occupancy Discount Policy				
HOV 3+	Free	Free	Free	Free
HOV 2	Free (50% when I-880 EL opens)	Free	50%	Free
Clean Air Vehicle Discount Policy				
CAV Policy Adoption	December 2018	January 2020	January 2020	June 2020
CAV Policy Implementation	November 2019	When I-880 EL opens	Upon opening	TBD



Toll-Free Discounts

- HOV 2+ (3)
 - 2 or more persons
 - Carpools, vanpools, buses
 - Motorcycles



MUST HAVE FASTRAK ACCOUNT AND USE FASTRAK FLEX TAG



Clean Air Vehicles

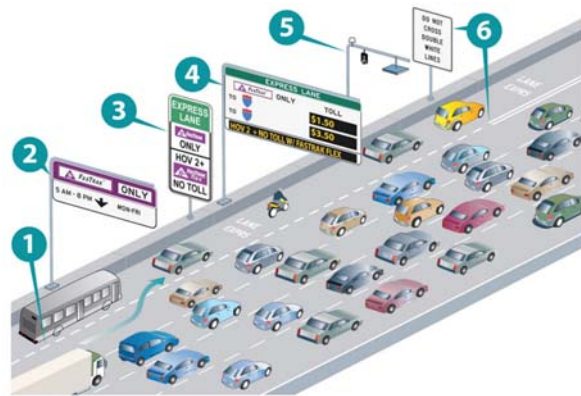
- Single Occupant Clean Air Vehicles → 50% Toll
- Must use a “Clean Air Vehicle” FasTrak toll tag set to correct occupancy
- CAV + HOV = toll free

- WHY?
 - CAV growth 426% growth in Alameda County between 2013 and 2017
 - Regional consistency



Pricing

- Pricing Strategy (4)
 - Dynamic pricing
 - Minimum \$0.50
 - No maximum
 - Toll system caps set by Executive Director
 - Initial caps of \$10.00 for each direction
 - Maximum increases of \$5.00
 - Report to Board when caps adjusted



Goal: Meet Federal and State Performance Requirements



Pricing: Zone Tolling

- Express Lanes corridor is broken into tolling zones

Southbound – 3 Zones	Northbound – 2 Zones
SR 84 to SR 238	Auto Mall/Grimmer to SR 238
SR 238 to SR 262	SR 238 to SR 84
SR 262 to SR 237	



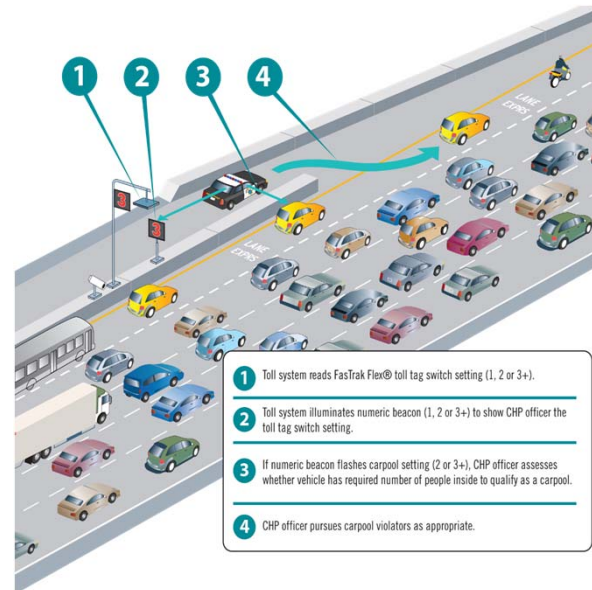
Pricing: Signage

- See pricing prior to entry
 - Price to next zone
 - Price to end of segment
- Guaranteed price
- Pricing based on first/last detection in the express lane



Enforcement

- Express Lanes have enhanced enforcement for FasTrak and occupancy requirements
 - FasTrak: Automated enforcement by toll system (tag readers, license plate cameras)
 - Occupancy: CHP manual enforcement (3 4) with support from express lanes technology (1 2)



Summary Proposals

- Affirm the approved freeway operational policies.
- Adopt the proposed toll policies and business rules, including:
 - All users must have FasTrak
 - HOVs and motorcycles must self-declare toll-free eligibility with FasTrak Flex
 - Solo CAVs must obtain "Clean Air Vehicle" FasTrak to get 50% toll discount
 - Dynamically priced zone tolling
 - Assigned fare based on first/last point of detection



Questions?

For more information, visit
www.AlamedaCTC.org

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