

METRO EXPRESSLANES

Clean Air Vehicle Policy



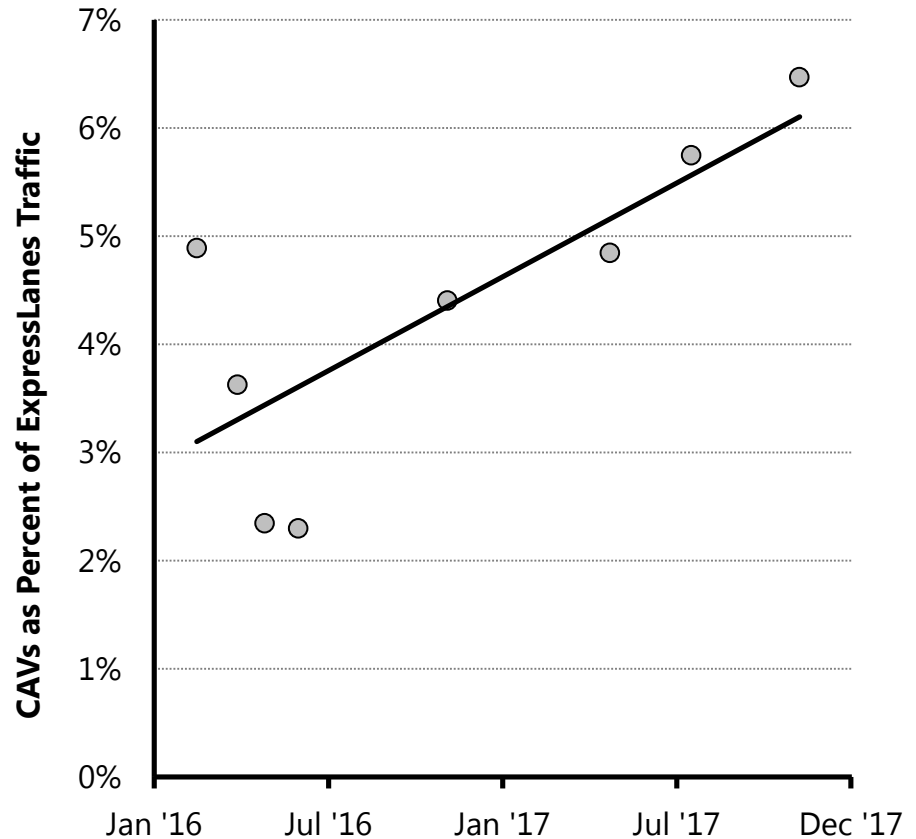
ISSUE:

Existing CAV Policy Contributes to ExpressLanes Congestion

- Clean Air Vehicles (CAVs) are a growing class of ExpressLanes users. AM Peak CAV volumes have doubled since 2016.
- CAVs contribute to congestion just as much as any other vehicle type.
- Without pricing to control CAV volumes, ExpressLanes congestion increases.



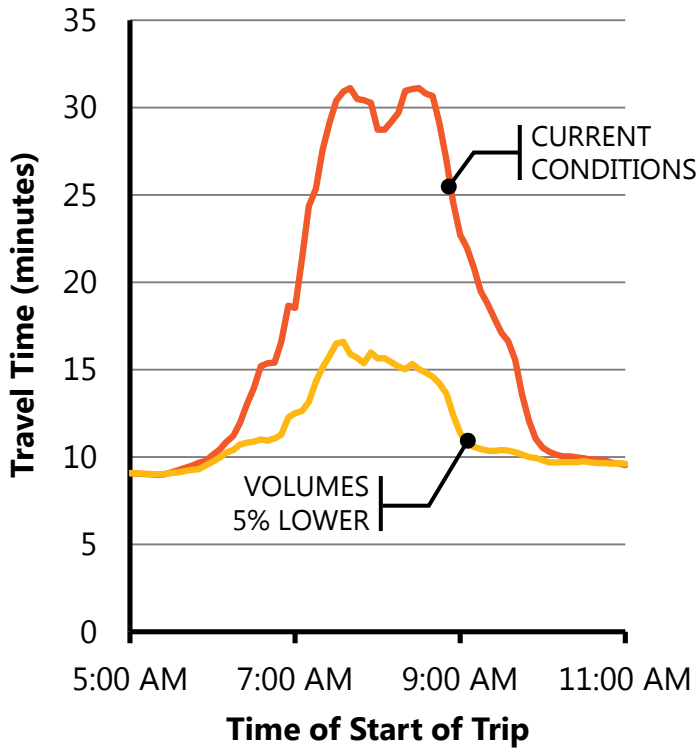
CAVs in ExpressLanes
Northbound I-110 at Slauson Ave, 6–9 AM



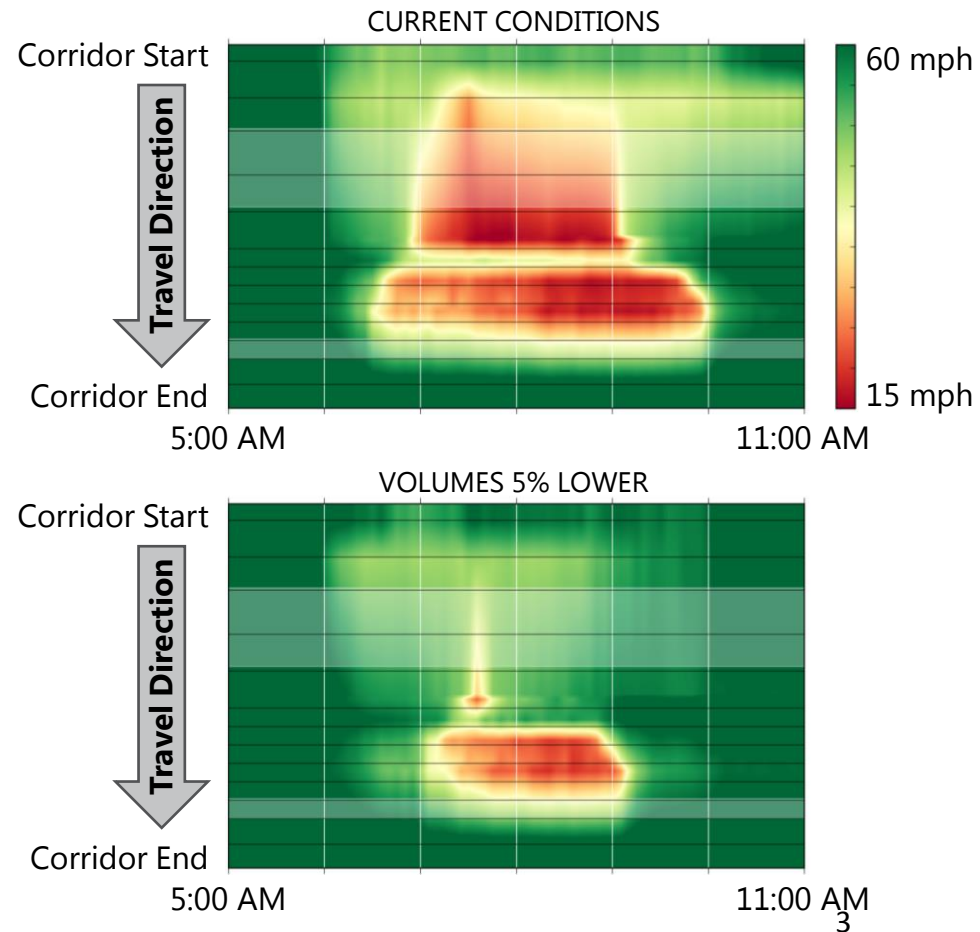
CONTEXT:

Impact of a Reduction in ExpressLanes Traffic Volume

End-to-End Travel Times Northbound I-110 during AM Peak



Corridor Speeds Northbound I-110 during AM Peak



KEY ANALYSIS:

Research on CAV Policies in California and Across the Country

- Provisions in California and Federal law explicitly grant authority to charge CAVs a discounted toll for ExpressLanes use.
- 68% of Express Lane facilities across the country are already charging clean air vehicles the full toll price.
- 78% of FasTrak facilities across the state are already charging clean air vehicles a partial or full toll price.
- 80% of the states in the country are not currently offering free HOV-lane access as an incentive for CAV drivers.
- There are up to 17 other incentive programs offered in California to encourage CAV ownership and adoption in addition to the CAV decal program.

RECOMMENDATION:

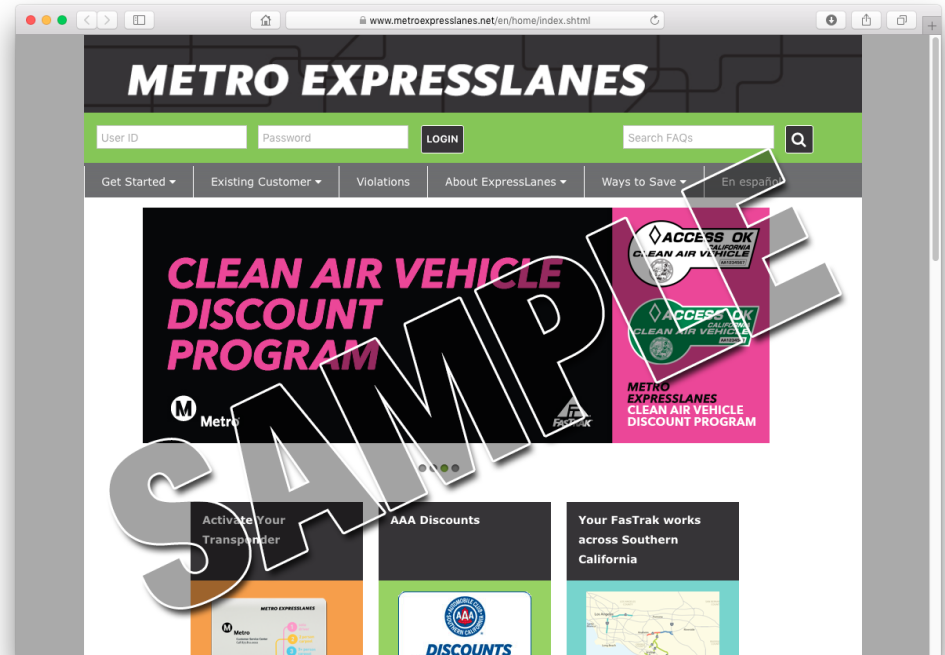
Adopt a Toll Discount for CAVs

- Recommended a 15% Discount based on:
 - Maximizing mobility benefits
 - Economic theory
 - Research on price perception and consumer behavior

NEXT STEPS:

Outreach Plan for CAV Discount Policy

- Educational campaign will include:
 - E-mail announcements
 - Web site updates
 - Welcome booklet enhancements





Thank you