

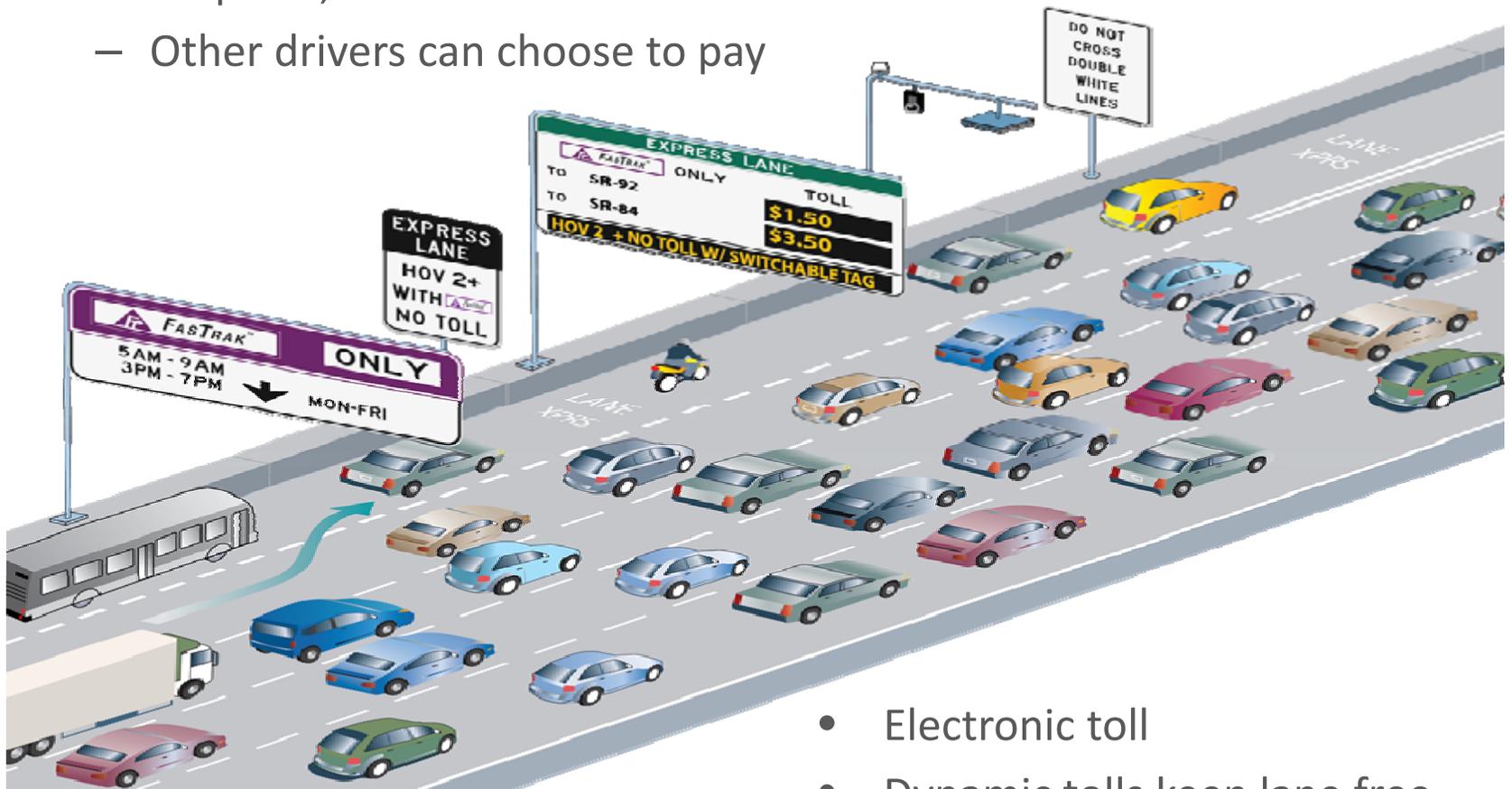
Bay Area Express Lanes

I-880 Corridor



What is an Express Lane?

- High Occupancy Toll (HOT) Lanes
- HOV with toll option
 - Carpools, buses free
 - Other drivers can choose to pay

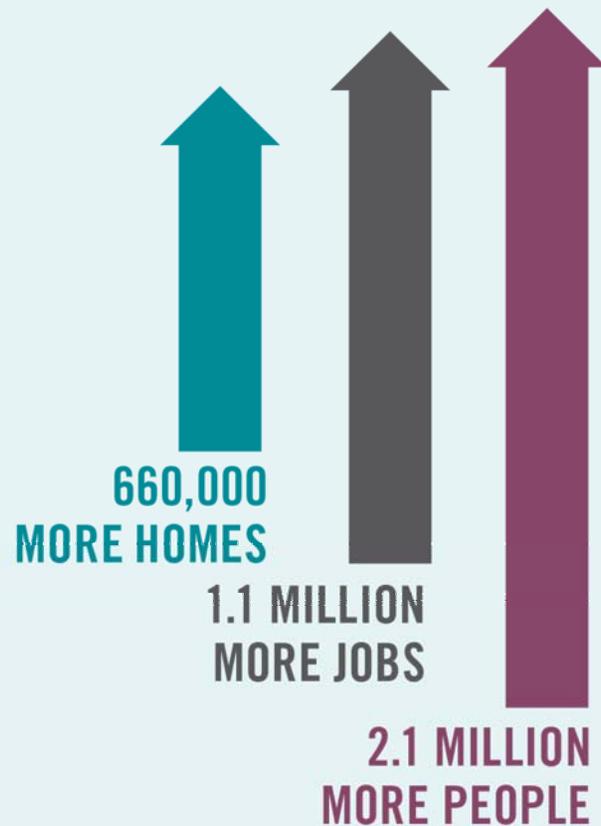


- Electronic toll
- Dynamic tolls keep lane free flowing (congestion pricing)

Why Express Lanes?

While the region grows...

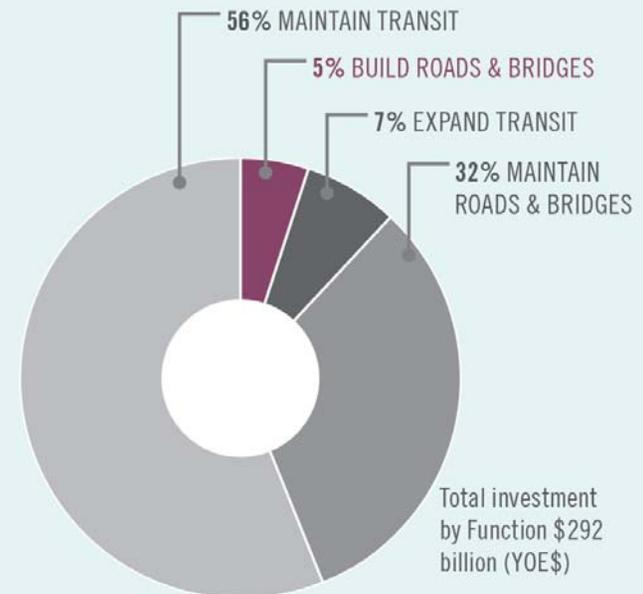
REGIONAL GROWTH
BY 2040:



Spending on new
infrastructure is set

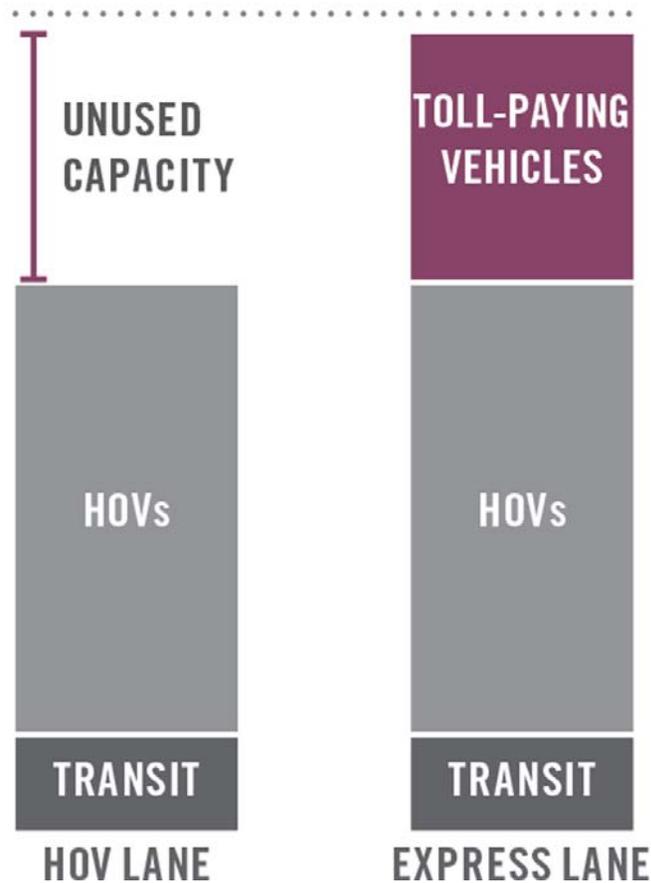
SF BAY AREA REGIONAL
INVESTMENT BY 2040:

ONLY 5% OF THE REGION'S
TRANSPORTATION DOLLARS WILL BE
USED TO BUILD NEW ROADS.



Goal – Improve Mobility

LANE CAPACITY



- Encourage carpools, vanpools and express buses
- Make the best use of HOV lane capacity
- Offer choice
- Provide reliability

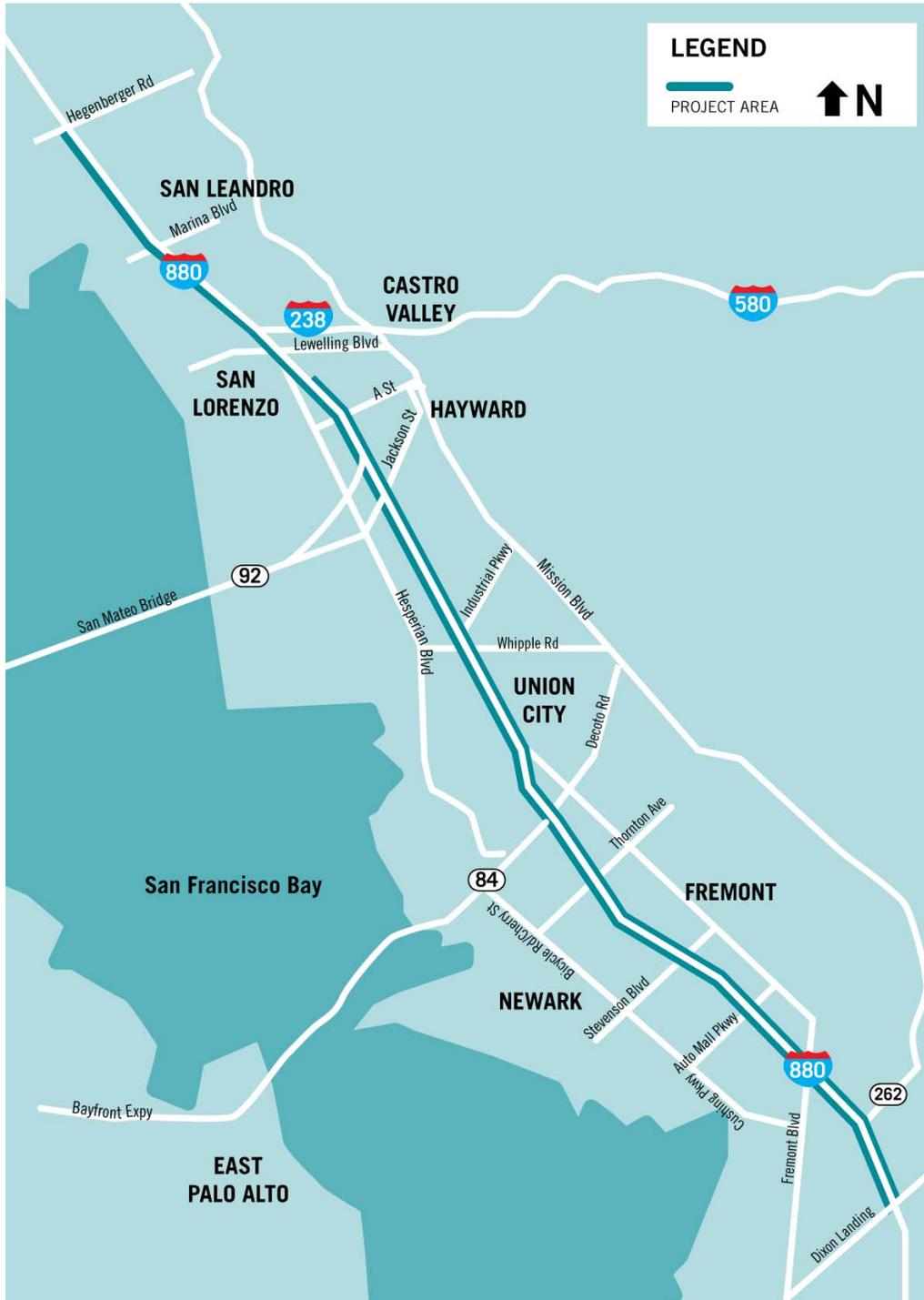


Bay Area Express Lanes

- ▶ 550 mile network
- ▶ Expansion over time
- ▶ Convert existing HOV lanes
- ▶ Close HOV system gaps
- ▶ Completion by 2035

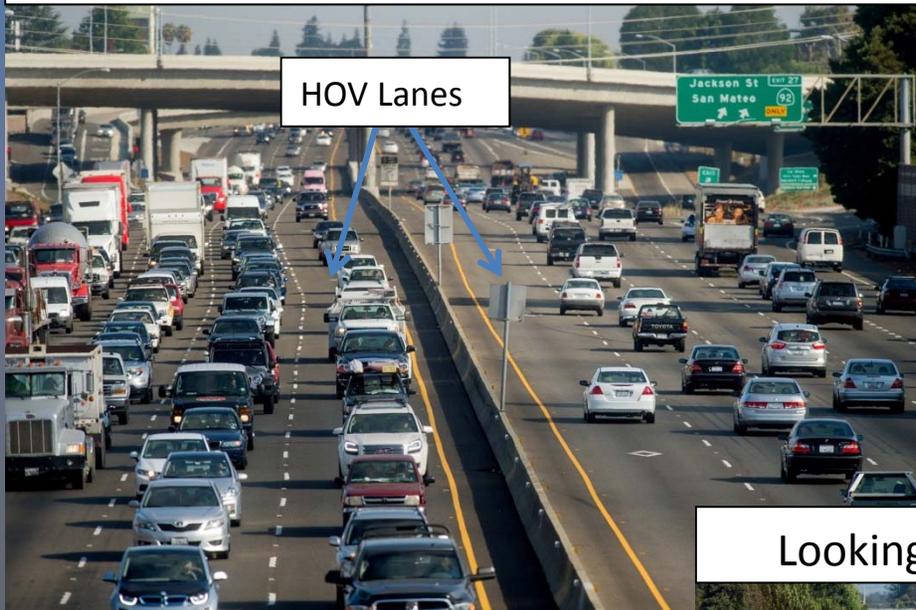


I-880 Express Lane Project Limits



I-880 Today

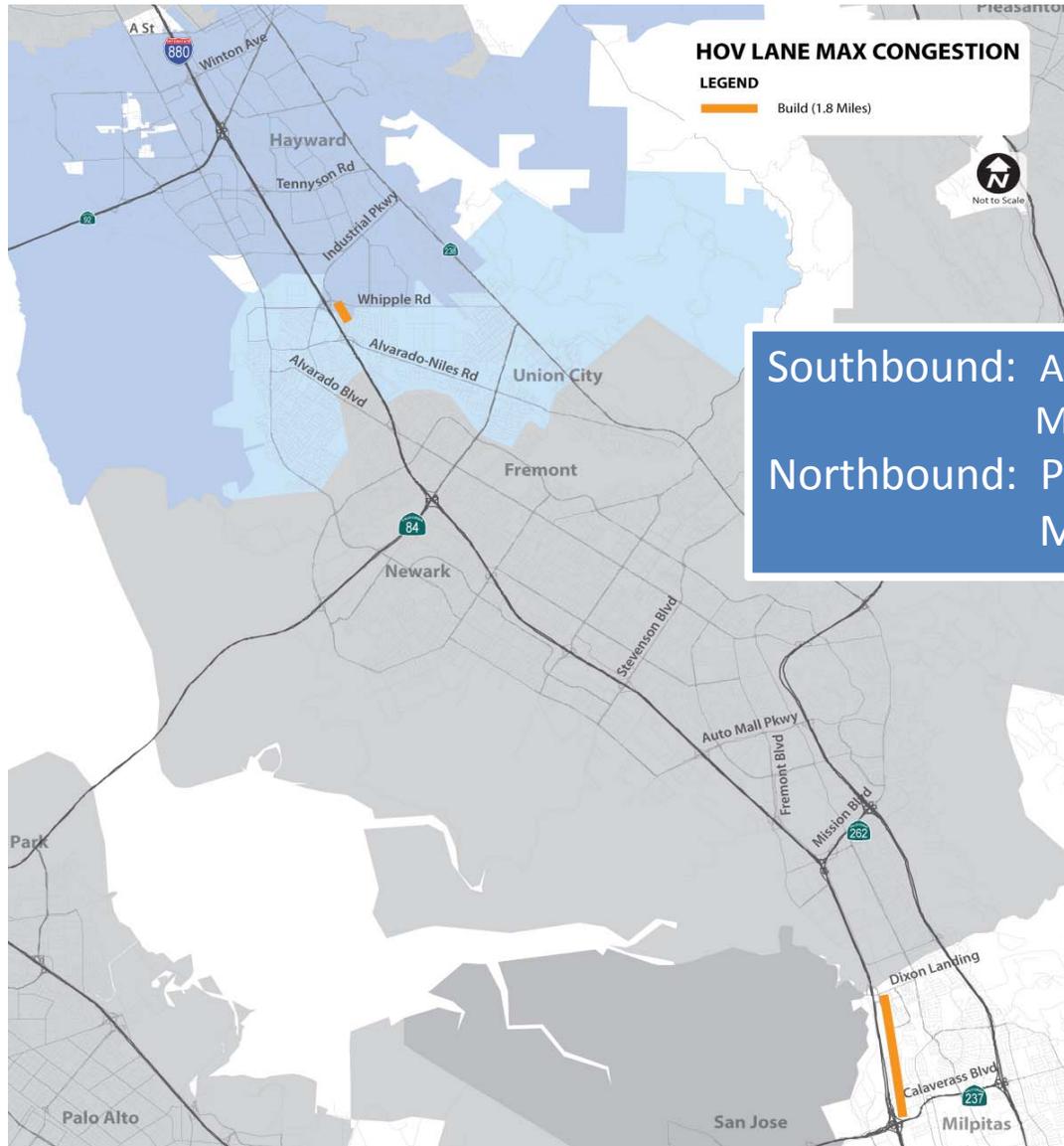
Looking Northbound at AM Peak Traffic



Looking Southbound at PM Peak Traffic



2017 Express Lane Congestion With Project



Southbound: AM Peak
Max Congestion
Northbound: PM Peak
Max Congestion



General Purpose Lane Congestion

- Project does not negatively impact the GP lanes
- I-880 Express Lane project reduces congestion:
 - Reduced maximum congestion queue length southbound
 - Reduced southbound A.M. peak congestion duration
 - Reduced northbound P.M. peak congestion duration



Achieving Mobility Improvements

Reclaim capacity lost to weaving

- Maintain open access where possible
- Use buffers where necessary



Enforcement

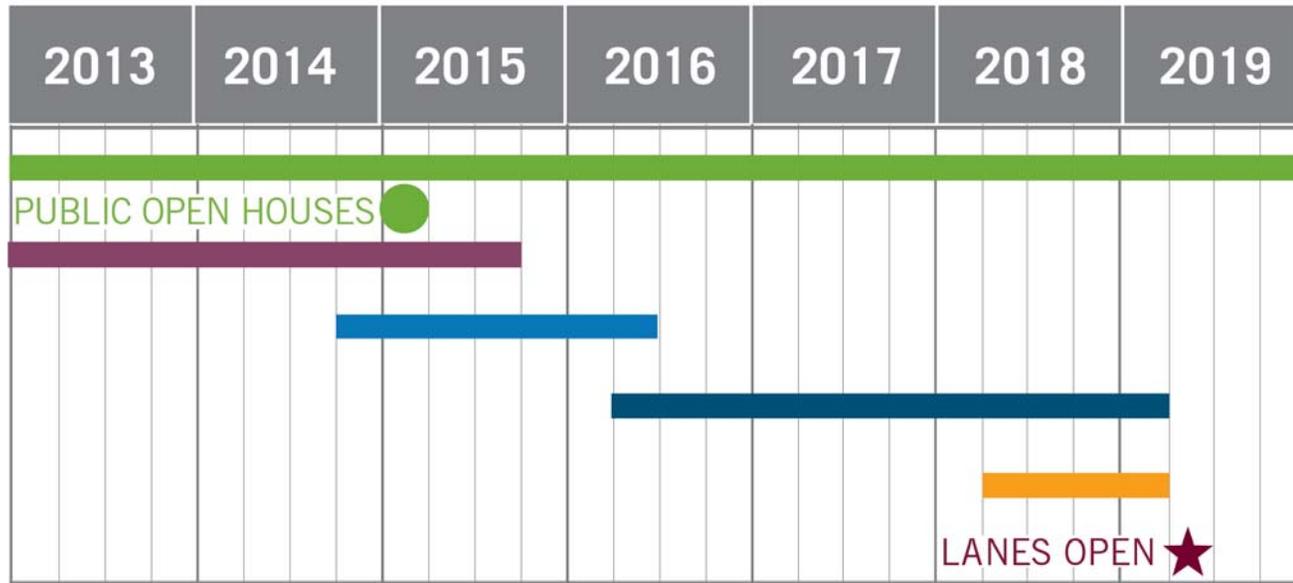
- Switchable toll tags
- License plate recognition
- Increased CHP presence
- Beacon light alerts
- CHP enforcement areas
- Citations issued for violations

FasTrak® Flex

All vehicles will need FasTrak® or FasTrak® Flex to travel in express lanes. Carpools, vanpools and other eligible vehicles will need FasTrak® Flex to travel toll free in express lanes. Before driving, move the switch to show the number of people in the vehicle. Solo drivers can also use regular FasTrak® tags. FasTrak® Flex will become available in mid-2015.



I-880 Express Lane Project Schedule



*Includes I-880 median barrier improvements.

- PUBLIC OUTREACH
- PROJECT & ENVIRONMENTAL REVIEW
- DESIGN (PS&E)
- CONSTRUCTION
- TOLL SYSTEM INSTALLATION & TESTING



Coordination is Key

Other I-880 Corridor Investments

- Integrated Corridor Management (ICM) (MTC)
- HOV/Interchange Improvements (ACTC)
- Goods Movement Studies (ACTC)
- Future Projects subject to voter approval in November 2014 (ACTC)
- Ramp Metering and other Freeway Performance Initiative equipment (Caltrans & MTC)
- Median Barrier Improvements (Caltrans)



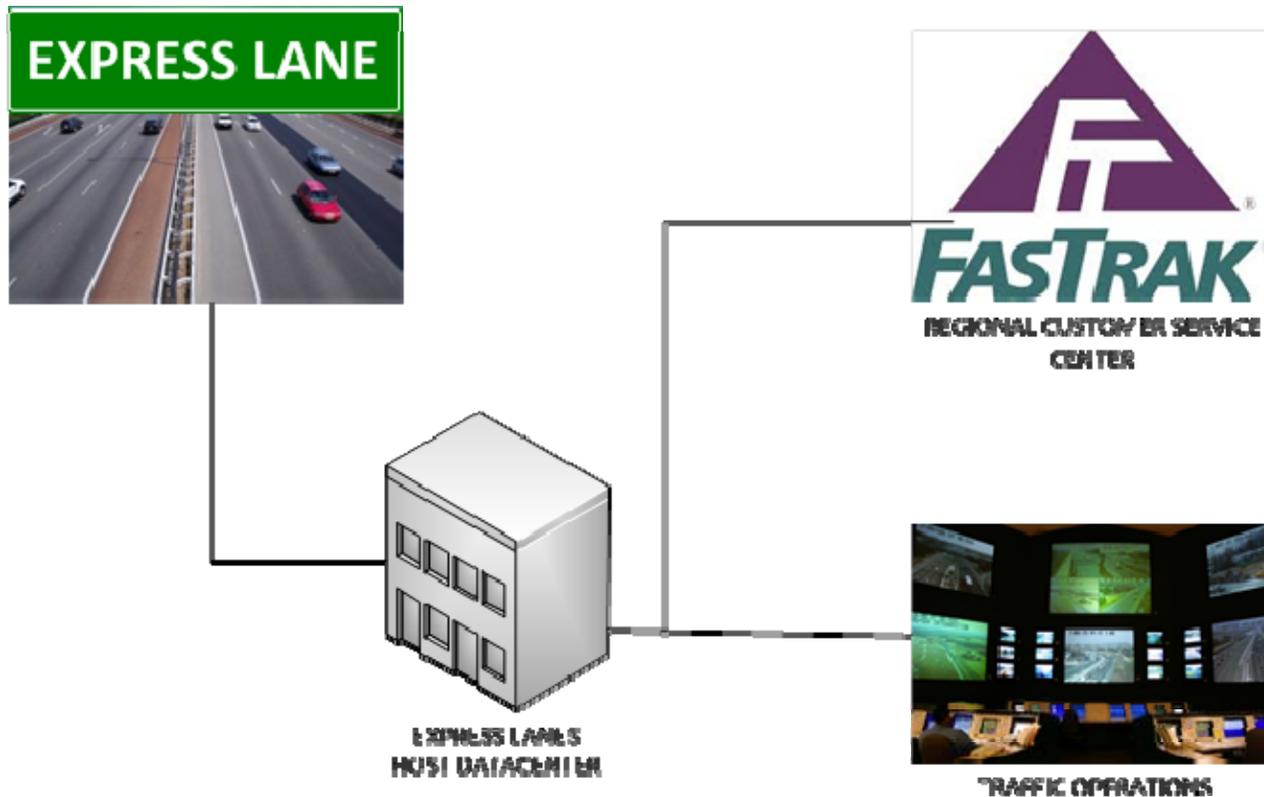
System and Demand Management

- 511 Traveler Information
- Rideshare and Dynamic Rideshare
- Freeway Service Patrol
- East Bay Smart Corridors



Backhaul Network

- Data communications network
- Repair existing, empty conduit along I-880 and pull fiber
- Could be part of regional transportation communications network





BayAreaExpressLanes.org

