

# Projects to Improve I-80 Trade Corridor

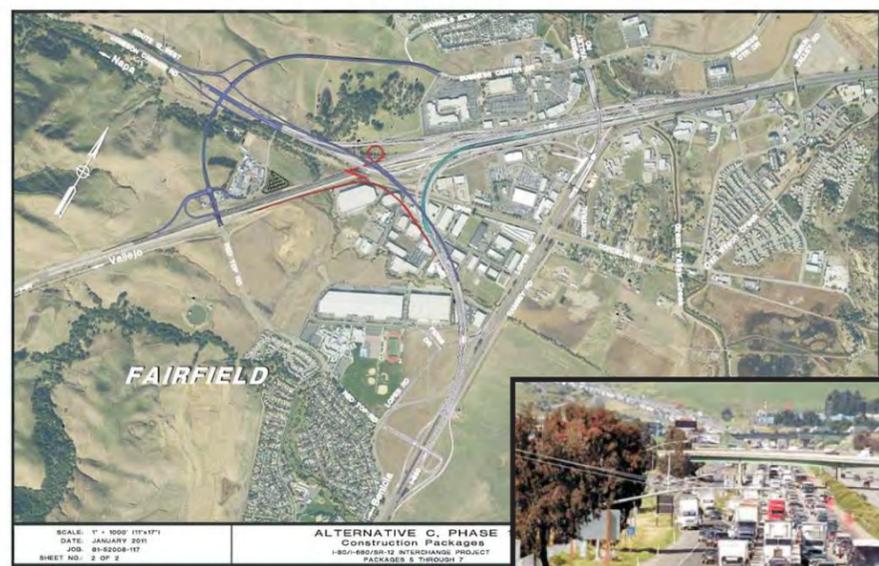
## I-80/I-680/SR12 Interchange Project

**Interchange project will improve trade by relieving bottleneck on I-80**

The California Department of Transportation (Caltrans), in cooperation with the Solano Transportation Authority (STA), is proposing to improve the I-80/I-680/SR 12 Interchange. The project will provide new highway connectors and capacity, reduce congestion, improve safety, and accommodate current and future traffic needs.

**Current Funding = \$150.8 TOTAL**  
Total cost of all construction phases is \$700M, to be built as funding is secured.

Package 1 is fully funded and going to construction. Additional funds area needed for packages 2-7.



## I-80 Express Lanes Conversion Project

**Express lanes will improve the throughput of the Interstate**

Express lanes on I-80 in Solano County will support bus service, carpooling, and expand mobility along the I-80 corridor, serving the Northern California mega-region

The I-80 Express Lanes project will cover the existing High Occupancy Vehicle (HOV) lanes as well as new construction from Air Base Parkway to I-505.



Tier	Highway	Project Scope	Status*
1	I-80	Red Top Road to Air Base Parkway	HOV Lane under construction.
1	I-80	Air Base Parkway to I-505	HOV Lane included in I-80 MIS and MTC I-80 FPI
1	I-80	State Route 4 to State Route 29	HOV Lane included in I-80 MIS and MTC I-80 FPI
2	I-80	State Route 29 to State Route 37	HOV Lane included in I-80 MIS and MTC I-80 FPI
2	I-680	I-80 to I-780	HOV Lane included in I-80 MIS and Draft MTC I-680 FPI (not adopted)
3	I-80	I-505 to Solano County Line (Davis)	Not studied

\* All projects are part of MTC's HOT Lanes Network



# I-80 Trade Corridor through Solano County

## Eastbound & Westbound I-80 Truck Scales Relocation

**I-80 is the second busiest corridor in the region** where approximately 150,000 cars per day travel within Solano County.

**I-80 carries the third highest truck volume in the Bay Area**, with 10,000 to 12,000 trucks per day, serving primarily as a connector to the transcontinental truck network.

**Without improvements, by 2030, I-80 will be 60% gridlocked** during peak commute hours in Solano County. Current travel demand models show 26 miles between Vallejo and Vacaville will experience stop-and-go evening commute congestion.

### \$100M Invested in Eastbound Truck Scales

The existing truck scales substantially contribute to the congestion and safety concerns on I-80 due to the large number of trucks exiting and entering I-80, and the close proximity of the scales to Suisun Valley Road and the I-680 and SR 12E interchanges.

The project will construct a larger, more efficient truck scale facility on eastbound I-80 a half mile east of the current facility in a large oval configuration. Associated on and off-ramps will be constructed, and, upon completion of the project, the existing facility will be demolished.

The \$100M project is being delivered through a partnership between Caltrans and STA in coordination with the California Highway Patrol. Construction began in April 2012 and is scheduled to open in July 2013.

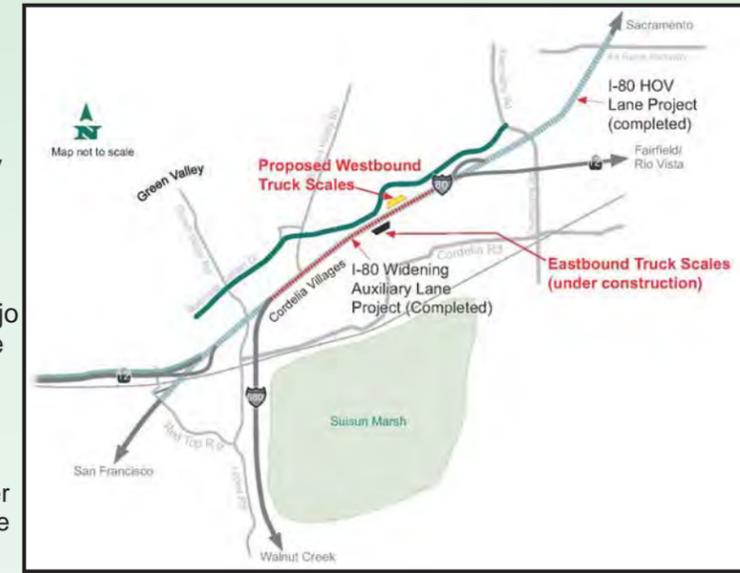
### Proposed Westbound Truck Scales

The project will relocate the existing WB I-80 truck scales a half mile to east, reconstruct a new inspection facility and scale, reconstruct the I-80/Abernathy interchange and WB SR12 connector ramp to I-80, including the SR12 truck ramp.

The project is environmentally cleared, and will cost \$130M to complete.

### Overall Benefits of EB and WB Truck Scales

- Increased capacity for more efficient truck scales
- Improved Safety on I-80
- Reduced Congestion on I-80
- Utilizing State-of-the-art technology



June 2013





# I-80 Regional Trade Corridor

Connecting the Region and Facilitating the movement of People and Goods through Solano County.



**I-80 is the second busiest corridor in the region** where approximately 150,000 cars per day travel within Solano County.

**86% of Solano commuters take I-80 to the Bay Area or Sacramento.** In the last 30 years, the percent of Solano County commuter trips traveling to the Bay Area or Sacramento has more than doubled from about 39% to 86%.

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**I-80/I-680/SR 12 Interchange Project**  
FEIR/EIS completed December 2012 Phase I starts construction in 2014. With additional funds, next phases can be built.



**Westbound Truck Scales**  
Project environmentally cleared. \$130M to complete.



**Express Lanes**  
Environmental studies underway. Construction estimated in 2015, with additional funding.



## SOLANO COUNTY

**Eastbound Truck Scales**  
Currently under construction. \$100M invested. Open July 2013.



## Express Lanes



California Transportation Commission approved the Bay Area Regional Express Lanes System in 2011

STA initiated studies for Express Lanes on I-80

STA is part of a Regional Partnership to implement early phases of the Express Lanes by 2015

## EB and WB Truck Scales



Construct new facility and scales

Substantially contribute to the congestion and safety concerns on I-80



Increased capacity for more efficient truck scale operations

No truck queue affecting I-80 and Sr12 = improved mainline throughput

## I-80/I-680/SR12 Interchange



Improvements to the existing I-80/I-680/SR12 interchange intended to:

- Reduce congestion
- Reduce local cut-through traffic
- Improve or establish adequate freeway access
- Accommodate current and future truck traffic
- Provide adequate access to truck scales
- Improve safety conditions
- Increase use of HOV lanes and ride sharing



Rail & Express Bus Connections to BART



Sacramento



DIXON

VACAVILLE

FAIRFIELD

SUISUN CITY

RIO VISTA

VALLEJO

BENICIA