


Project Delivery Strategy
and Status Update

A Presentation for the I-580 Express Lane
Policy Advisory Committee
October 2011



I-580 Corridor Eastbound Express Lane Project

Purpose of Presentation

Provide an update on the status, scope, cost, and schedule of the I-580 Corridor Eastbound Express (HOT) Lane Project.

I-580 Corridor Projects Vicinity Map



- Eastbound Aux Lane Limits
- Eastbound HOT Lane Limits
- Westbound HOV/HOT Lane Limits

Eastbound I-580 HOV Lane Project

- Constructed via two construction contracts
 - *Segment 1 – Portola to Greenville*
 - HOV Lane opened October 2009
 - *Segment 2 – Hacienda to Portola*
 - HOV Lane opened November 2010

I-580 Eastbound Auxiliary Lane



■ EB Auxiliary Lane

Project Location:

I-580 EB from Isabel Avenue to First Street in Livermore

Status:

Environmental Phase nearing completion. Plans, Specifications and Estimate (65%) being reviewed by Caltrans.

I-580 Eastbound Auxiliary Lanes Project

Isabel Avenue to First Street

- Environmental documentation is being prepared with a revalidation of the original EB I-580 HOV Lane Project environmental document
 - *Includes the road bed width necessary for a standard HOT Lane facility east of Isabel Avenue.*
 - *Includes widening at other locations to eliminate/reduce nonstandard features west of Fallon Road.*
 - *Includes final lift of Asphalt Concrete deleted from the Eastbound HOV Lane Projects.*
 - *Includes sound wall that was deleted from the I-580/Isabel Avenue Interchange Project.*

I-580 Eastbound Auxiliary Lanes Project

Isabel Avenue to First Street

- Current Status:
 - *Revalidation of the I-580 Eastbound HOV Lane Environmental Document (IS/EA) nearing completion.*
 - *A revised PS&E (65%) has been prepared and submitted to Caltrans for review.*



I-580 Eastbound Auxiliary Lane Project Funding

	CMIA	RM2	TVTC	FED	HOV Paving (SHOPP)	Measure B	Total
PA&ED							
PS&E		2.20	1.43	0.23			3.86
ROW		0.20	0.20				0.40
Construct Cap	19.03	1.70			5.00	6.62	32.35
Construct Sup	2.53	0.38				0.43	3.34
TOTAL	21.56	4.48	1.63	0.23	5.00	7.05	39.95

Total Project Cost: \$39.95 M



I-580 Eastbound Auxiliary Lanes Project

Measure B Funds

- Resolution of Funding Shortfall
 - *At the September Alameda CTC meeting an advance of \$8.5 million in Measure B funds was approved for the Auxiliary Lanes/Express Lanes Project.*
 - *Funds will be repaid utilizing revenues generated by the Express Lanes.*
- Revenue Forecast
 - *The Revenue Forecast completed for the Project in 2009 estimates opening year revenue at \$2 to \$3 million with annual revenue rising to \$40 to 50 million by 2035.*
 - *The 2009 analysis was based on pre recession traffic data. It is reasonable to expect that the actual revenue for early years of operation may not meet the forecasted values.*



I-580 Eastbound Auxiliary Lane Project Schedule

Project Approval	November 2011
PS&E	January 2012
R/W Cert (Assuming no Condemnation)	April 2012
RTL	April 2012
Advertise	May 2012
Bid Opening	July 2012
Award	August 2012
End Construction	April 2014



I-580 Eastbound Express Lane



■ EB Express Lane

Project Location:

I-580 EB from Hacienda Drive to Greenville Road in Livermore

Status:

Express Lane Project in Environmental Phase, scope set. Design proceeding concurrently. Scope will be combined with Aux lane construction contract.

I-580 Eastbound Express Lanes Project Hacienda Drive to Greenville Road

- Environmental documentation is an Initial Study / Environmental Assessment (IS/EA)
 - *Utilizes pavement to be constructed by the I-580 Eastbound Auxiliary Lane Project (no additional widening).*
 - *IS/EA will circulate for public comment in November 2011.*
 - *Includes a double express lane between Fallon Road and First Street.*

I-580 Eastbound Express Lanes Project Hacienda Drive to Greenville Road

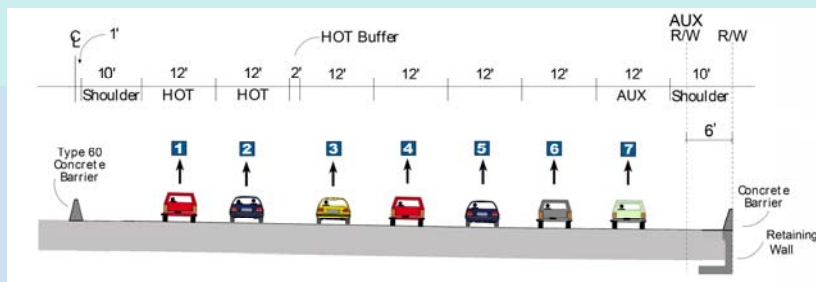
- Current Status:
 - Draft IS/EA nearing completion. Circulate for public comment in November 2011. Final Document approval expected in January 2012.
 - PS&E is being prepared concurrently with environmental document.
- Implementation:
 - Plan sheet revisions to the I-580 Eastbound Auxiliary Lane Project are being prepared concurrently with IS/EA. Revised sheets will be inserted into the Auxiliary Lane PS&E at Project Approval.

Programs and Projects Committee – October 10, 2011



I-580 Eastbound Auxiliary Lanes Project with HOT Lane

Will accommodate conversion of the recently constructed EB HOV Lane to a double HOT lane facility with standard shoulder and lane widths where feasible.



Programs and Projects Committee – October 10, 2011



I-580 Eastbound HOT Lane Project Funding

	ARRA	RM2	TVTC	Local (LONP)	Local (Meas. B)	Total
PA&ED		1.35	0.60			1.95
PS&E		0.17	0.35			0.52
Sys. Int.	7.50		0.25			7.75
ROW		0.20				0.20
Const. Support		0.58	0.18			0.76
Construct Cap		2.74		3.63	1.45	7.82
TOTAL	7.50	5.04	1.38	3.63	1.45	19.0

Construction total includes \$1.45 for first year O&M

Total Project Cost: \$19.0M



I-580 Eastbound HOT Lane Project Schedule

❖ Project Approval	January 2012
❖ PS&E	January 2012
❖ Right of Way Cert (Assuming no Acquisition)	April 2012
❖ RTL	April 2012
❖ Advertise	May 2012
❖ Bid Opening	July 2012
❖ Award	August 2012
❖ End Construction	April 2014

Note: Project combined with Aux Lane for Construction



Project Issues

- Auxiliary Lane
 - *Project Revisions require Amended BO and approved IS/EA Re-validation prior to Right of Way Acquisition (Schedule).*
 - *Requires CMA Amendment to add additional pavement widening to accommodate the Express lane.*
- Express Lane
 - *Environmental Document must be completed prior to combining with Auxiliary Lane Project. Will require that the projects be combined while at Caltrans HQ, or via Contract Addendum.*

Questions