


Project Delivery Strategy
and Status Update

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



I-580 Corridor Westbound Express Lane Project

Purpose of Presentation

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

I-580 Corridor Projects Vicinity Map



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

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I-580 Westbound HOT Lane



- Westbound HOT Lanes

Project Location:

I-580 WB from Greenville Road in Livermore to San Ramon / Foothill Road in Dublin / Pleasanton

Status:

Preparation of PSR/PR, including Traffic and revenue Analysis Reports, underway.

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I-580 Westbound HOT Lane Project Current Status

- I-580 Westbound Traffic Operations Analysis Report (TOAR) under review by Caltrans. Revenue estimates will be generated and Revenue Forecast will be completed when TOAR is conceptually approved.
- PSR/PR (Project Approval Document) is underway.
- RFP for Westbound I-580 System Integrator will be issued as soon as funding for S.I. Phase is identified.
- The project delivery plan has been discussed with Caltrans, owner of the facility and MTC, owner of the Regional Hot Lane Network

I-580 Westbound HOT Lane Project Implementation

The project implementation plan for the Westbound Express Lane Project includes the following:

- *Conversion of the I-580 westbound HOV lane to a single express lane, with conversion to a double HOT lane to occur in the future, when necessary*
- *Project Approval will come in the form of a CE level environmental document and approval of a PSR/PR*
- *Civil elements will be incorporated in to the I-580 westbound HOV lane project via CCO after westbound HOT project approval & design completion.*
- *Development of the Electronic Toll System and preparation of the required cooperative, interface, enforcement, and tolling agreements will occur concurrently with design*

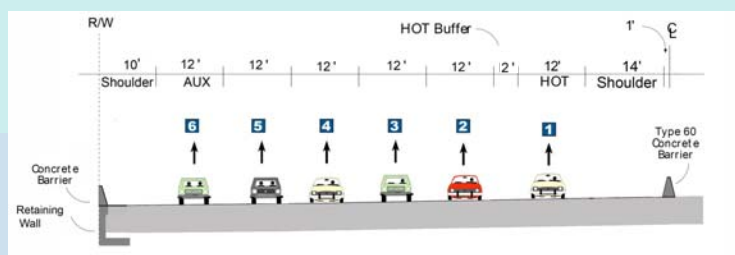
I-580 Westbound HOT Lane Project Implementation

Issues to be Finalized During Preparation of PSR/PR:

- *Approval of necessary Design Exceptions (Minimal with single lane option)*
- *Location of Ingress/Egress (to be determined by Traffic Operations & Analysis Report)*
- *Location of Enforcement Areas*
- *Striping*
- *Location of signs, toll gantries & CCTV*

I-580 Westbound HOT Lane

Typical cross section for WB HOT lane



Project Issues

- Westbound HOT funded for scoping, project approval and design only. Source of System Integrator and construction funding in the amount of \$12.1 Million yet to be determined. Executive Director is working with the MTC to identify funding opportunities.
- Project will construct a single HOT lane. Conversion to double HOT lane will be a future project.
- Current design and estimate assumes utilization of existing pavement with no additional widening and no additional R/W (Constructing a single HOT lane helps to mitigate this issue).
- TOAR and revenue Forecast yet to be completed.



I-580 Westbound HOT Lane Funding & Schedule

Federal IMD	\$ 1,000,000
Local (TVTC)	\$ 3,400,000
Funding Shortfall	\$ 12,100,000

Total Funding	\$ 16,500,000

Project Approval	October 2012
PS&E	June 2013
Right of Way (Assuming none req'd)	June 2013
RTL (Design Complete)	June 2013
Advertise (Or issue CCO)	July 2013
Bid Opening	September 2013
Award	October 2013
End Construction**	October 2014

Note: **Scheduled to have HOT infrastructure in place for WB HOV opening as HOT



Discussion

