

Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: November 7-8, 2007

Reference No.: 4.8
Information Item

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Subject: **STATUS OF THE SHORT TERM CONGESTION MOBILITY PROJECTS**

SUMMARY:

In support of the Administration's Strategic Growth Plan, the Department of Transportation (Department) identified 29 congestion relief projects that could be implemented rapidly and "open to the public" by July 2007. These projects included signal coordination, auxiliary lanes, High Occupancy Vehicle (HOV) lane operational improvements, and Intelligent Transportation Systems (ITS). To date, 27 projects have been open to the public. The other two projects were delayed for the reasons identified below:

- The HOV project in San Bernardino County proposed to convert full-time operation to peak hours only. This would free up the lane for off-peak use and heavy weekend traffic. The Federal Highway Administration denied this conversion, but the Department is appealing the decision.
- The project on Interstate 210 is an innovative adaptive ramp metering solution for corridor management. Project delays are due to the uniqueness of the project and a delay in delivery of overhead sign structures. The opening date is expected in March 2008.

Studies have been completed to establish the baseline vehicle-hours of delay. Follow-up studies will be conducted in the fall of 2007, with a final report to follow in 2008. The project list, including the status, is attached.

BACKGROUND:

Traditional measures to reduce congestion require a long lead-time and take many years to deliver. As part of the Short-Term Congestion Relief Action Plan, the Department initiated an internal review of short-term congestion relief projects that would be consistent with the Strategic Growth Plan and would be open to the public in the short term. The Department identified projects consistent with all of the following criteria:

- Could be completed and open to traffic in 18 months (by July 2007).
- Supported by regional transportation partners.
- Amended into the SHOPP by June 2006 or funded in first year of the 2006 STIP.
- Could overcome engineering, environmental, or legal obstacles by June 2006.

All of the strategies are designed to reduce traffic congestion in the short-term and continue to improve mobility over the long-term. By accelerating the delivery of short-term improvements to the existing transportation system, the Department aimed to provide congestion relief as quickly as possible, as well as to address the Transportation Management Systems Master Plan recommended strategies for long-term system management. The 2006 SHOPP was amended to include these projects, as the Department reported at the June 2006 and December 2006 Commission meetings.

Attachment

COUNTY	PROJECT DESCRIPTION	STATUS
Sacramento	Create auxiliary lanes on State Route 99 from Mack Road to Florin Road	Open
Sacramento	Create auxiliary lanes on U.S. 50 from Mather Field Road to Zinfandel Drive	Open
Sacramento	Extend the existing westbound auxiliary lane on U.S 50 from Folsom Boulevard to Hazel Avenue.	Open
Sacramento	Extend truck climbing lane on U.S. 50 from Scott Road to Latrobe Road	Open
San Mateo	Expand signal coordination on State Route 82.	Open
Solano	Fill in gaps in detection and motorist information systems on Interstate 80.	Open
San Mateo	Establish Commuter Travel Time Information System on the U.S. 101 Corridor in San Mateo County.	Open
Kern	Construct eastbound State Route 58 auxiliary lane by adding lane on existing median; widen connector ramp from merge point to State Route 99 and restripe existing eastbound lanes to provide two-lane connector ramp at the merge.	Open
Madera	Convert northbound right shoulder on State Route 41 to a right turn lane; re-stripe existing two northbound lanes to 11-foot lanes.	Open
Los Angeles	Provide adaptive signal system development on State Route 1.	Open
Los Angeles	Provide adaptive signal system development on State Route 66.	Open
Los Angeles	Provide adaptive signal system development on State Route 72.	Open
Los Angeles	Provide adaptive signal system development on State Route 107.	Open
Los Angeles	Provide adaptive signal system development on State Route 213.	Open
Los Angeles	Develop and implement corridor management on Interstate 210.	Mar-08
San Bernardino	Coordinate traffic signals on various arterials in San Bernardino County.	Open
Riverside	Convert full time High Occupancy Vehicle Lane (HOV) lane on State Route 60 to part time. (FHWA denied, under appeal)	Suspended
San Diego	Auxiliary Lane from end of truck lane to Santo Road on westbound State Route 52.	Open
San Diego	Convert HOV to mixed flow on State Route 54.	Open
San Diego	Add port of entry egress lane and improvements to Secure Electronic Network For Travelers Rapid Inspection (SENTRI) system.	Open
San Diego	Add a Free and Secure Trade (FAST) lane at Otay Mesa on Interstate 905.	Open
San Diego	Modify interchange on Interstate 5 at 28th Street.	Open
San Diego	Detection system for the major metro area of the county. Install radar scanners.	Open
San Diego	Add auxiliary lanes at Lomas Santa Fe on Interstate 5.	Open
San Diego	Modify the eastbound Via de la Valle onramp to northbound Interstate 5 and connect to auxiliary lane.	Open
San Diego	Widen single lane exit ramp at southbound Interstate 805 to Telegraph Canyon Road to two lanes.	Open
San Diego	Create transit only lane on State Route 52 and Interstate 805.	Open
San Diego	Relocate Ramp Meter and HOV Bypass Storage Lane on State Route 94.	Open
Orange	Install 13 additional Changeable Message Signs (CMS) within Orange County.	Open