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**MEASURE R PROJECT DELIVERY COMMITTEE  
MARCH 18, 2010**

**SUBJECT: LOS ANGELES COUNTY'S HIGH OCCUPANCY VEHICLE  
PROGRAM**

**ACTION: RECEIVE AND FILE**

**RECOMMENDATION**

Receive and file this status report on the implementation of Los Angeles County's High Occupancy Vehicle (HOV) Program.

**ISSUE**

Since the 1990s, we have been working with the California Department of Transportation (Caltrans) to implement HOV lanes on Los Angeles County freeways. Over the last 17 years, we have opened 455 HOV lane miles on 14 freeway corridors. Our current system consists of 513 HOV lane miles, making it one of the largest in the country. With the passage of Measure R and the adoption of the 2009 Long Range Transportation Plan (LRTP), funding has been reserved to add 132.2 HOV lane miles and direct connectors to our system over the next 30 years. This report updates the Board on our current implementation efforts.

**DISCUSSION**

**Background**

In 1992, the Los Angeles County Transportation Commission (LACTC) adopted the "Carpool Lane Plan" for Los Angeles County. The plan detailed a system of HOV facilities to serve the County and established priorities for the development of the system. That same year, we signed a Master Cooperative Agreement with Caltrans for the development of the program, signaling the start of the system's rapid expansion.

The HOV System Integration Plan, completed in October 1996, provided a technical analysis to enable our agency to prioritize projects with a regional focus

and addressed the connectivity of HOV segments, the continuity of HOV routes and the integration of the HOV network with transit terminals and stations. This plan was used to develop the Highway element of the 2001 LRTP, which was updated in conjunction with the Measure R Expenditure plan in the 2009 LRTP.

### **HOV System Performance**

The 2009 Caltrans HOV Annual report stated that Los Angeles County's HOV System carried approximately 331,000 vehicles or 780,000 people per day. On average, our system carried approximately 1,300 vehicles per hour or 3,300 people per hour during peak hours. These volumes well exceeded the minimum expected value of 800 vehicles per hour or 1,800 people per hour as specified in Caltrans' HOV Guidelines for Planning, Design and Operation and have led us to continue the HOV Program development throughout Los Angeles County.

### **Status**

As illustrated in Attachment A, there are a total of 513 HOV lane miles completed to date and 132.2 HOV lane miles currently in construction, design or planning on six major corridors. This includes 43.4 HOV lane miles currently in construction or going to construction (I-10, SR-60, the I-405 Design/Build project and the I-5/SR-14 Direct Connector), 52 HOV lane miles currently in design (I-5 and I-10) and 36.8 HOV lane miles currently in the planning stage (I-5, SR-14 and SR-71). Over the next year, we anticipate opening 22.6 additional HOV lane miles.

### **NEXT STEPS**

We will continue to work with Caltrans to manage the implementation of our HOV Program. We will provide updates to the Board on a periodic basis.

### **ATTACHMENT**

#### **A. Los Angeles County HOV System Status Map**

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