

## **I-580 EXPRESS LANE POLICY ADVISORY COMMITTEE**

### **MEETING NOTICE**

**Monday, October 11, 2010**  
**9:45 a.m. Joint Meeting with**  
**I-680 JPA**

Alameda CTC Board Room  
1333 Broadway, Suite 300  
Oakland, California 94612

**Chair:** Supervisor Scott Haggerty, County of Alameda

**Vice Chair:** Mayor Jennifer Hosterman, City of Pleasanton

**Members:**

Mayor Mark Green, City of Union City, Alameda CTC Chair

Mayor Marshall Kamena, City of Livermore

Mayor Tim Sbranti, City of Dublin

Staff Liaison: Frank R. Furger

Secretary: Christina Muller

### **AGENDA**

**Please note that items under Agenda Item A.0 will be taken up during the joint session with Sunol Smart Carpool Lane Joint Powers Authority Governing Board.**

#### **A.0 JOINT MEETING WITH SUNOL SMART CARPOOL LANE JOINT POWERS AUTHORITY (JPA) GOVERNING BOARD**

**A.1 Convene joint meeting with I-680 Sunol Smart Carpool Lane Joint Powers Authority (JPA) Governing Board**

**A.2 PAC Roll Call – Confirm PAC Quorum**

**A.3 I-680 Express Lane Status Update\* (page 1)**

**Information**

The Express Lane Facility opened on September 20<sup>th</sup> at 5 am. Attached are summary operations and financial reports for review by the JPA.

**A.4 Express Lane – Operations: Marketing Updates \*\***

**Information**

An update of the marketing activities and media outreach that took place during the last month along with a schedule of future activities will be presented at the meeting.

**A.5 Recess Joint Meeting**

#### **1.0 PUBLIC COMMENT**

Members of the public may address the Committee during “Public Comment” on any item not on the agenda. Public comment on an agenda item will be heard when that item is before the Committee. Anyone wishing to comment should make his or her desire known to the Chair.

#### **2.0 MINUTES OF SEPTEMBER 13, 2010\* (Page 5)**

**Action**

The Committee is requested to approve the attached Minutes of September 13, 2010.

**3.0 HOV/EXPRESS LANE PROJECT STATUS UPDATE**

**3.1 I-580 Tri-Valley Rapid Corridor Improvements Information**  
**Status Report for the I-580 Eastbound HOV Lane Project\* (Page 9)**

Attached for the Committee's review is the monthly status report for the I-580 Tri-Valley Rapid Corridor Improvements: Eastbound HOV lane- Segments 1 and 2, and the HOT lane Projects. The CMA is the sponsor of the HOV. However, the construction phase of the HOV lane is administered by Caltrans. The construction status report covers all activities through September 30, 2010.

**4.0 ADJOURNMENT/NEXT MEETING: NOVEMBER 8, 2010**

\* Materials enclosed

\*\* Verbal presentation will be made or materials will be available at the meeting

# All items on the agenda are subject to action and/or change by the JPA Board.

PLEASE DO NOT WEAR SCENTED PRODUCTS SO INDIVIDUALS WITH  
ENVIRONMENTAL SENSITIVITIES MAY ATTEND

## Glossary of Acronyms

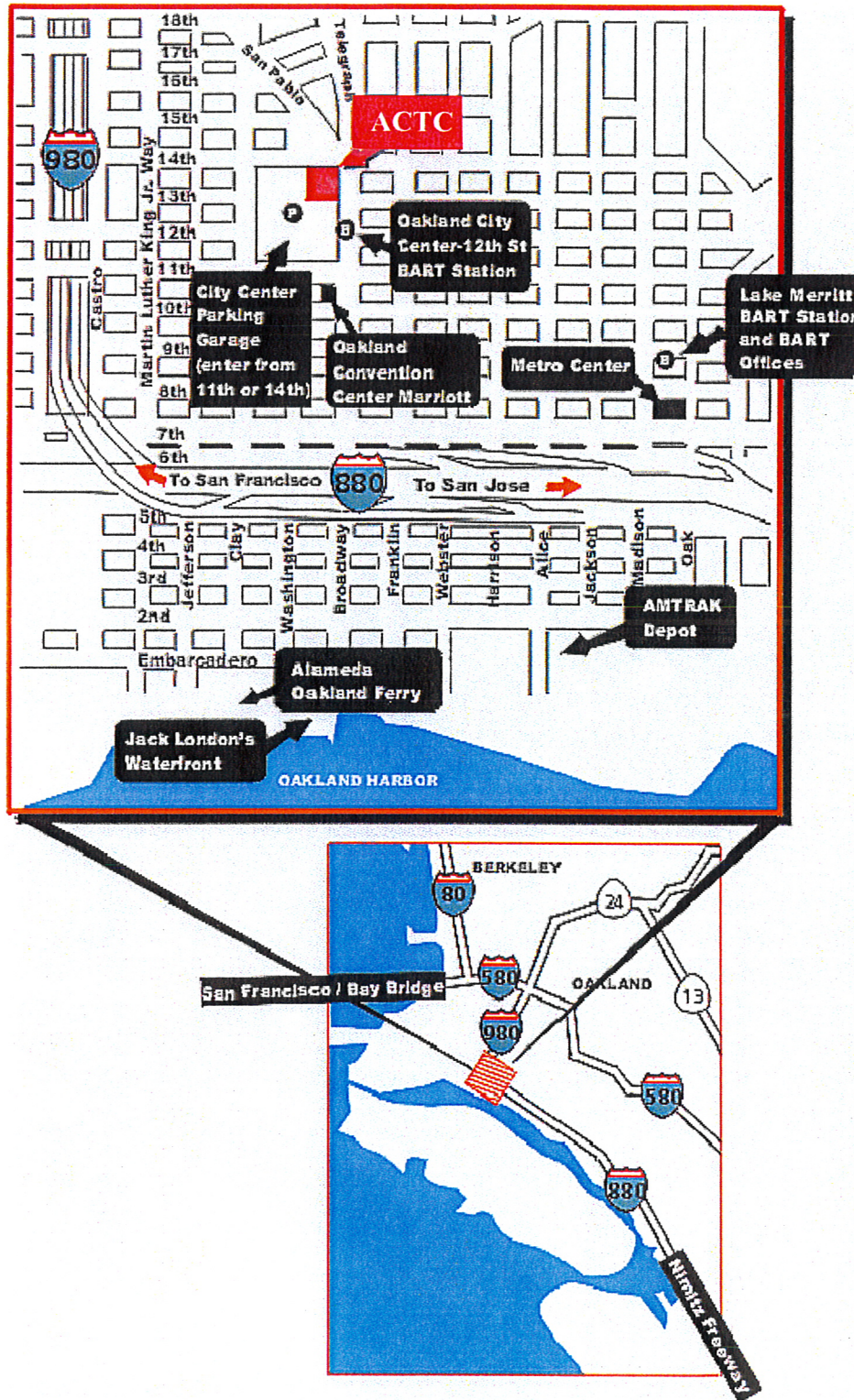
<b>ABAG</b>	Association of Bay Area Governments	<b>MTC</b>	Metropolitan Transportation Commission
<b>ACCM</b>	Alameda County Congestion Management Agency	<b>MTS</b>	Metropolitan Transportation System
<b>ACE</b>	Altamont Commuter Express	<b>NEPA</b>	National Environmental Policy Act
<b>ACTA</b>	Alameda County Transportation Authority (1986 Measure B authority)	<b>NOP</b>	Notice of Preparation
<b>ACTAC</b>	Alameda County Technical Advisory Committee	<b>PCI</b>	Pavement Condition Index
<b>ACTIA</b>	Alameda County Transportation Improvement Authority (2000 Measure B authority)	<b>PSR</b>	Project Study Report
<b>ADA</b>	Americans with Disabilities Act	<b>RM 2</b>	Regional Measure 2 (Bridge toll)
<b>BAAQMD</b>	Bay Area Air Quality Management District	<b>RTIP</b>	Regional Transportation Improvement Program
<b>BART</b>	Bay Area Rapid Transit District	<b>RTP</b>	Regional Transportation Plan (MTC's <i>Transportation 2035</i> )
<b>BRT</b>	Bus Rapid Transit	<b>SAFETEA-LU</b>	Safe, Accountable, Flexible, Efficient Transportation Equity Act
<b>Caltrans</b>	California Department of Transportation	<b>SR</b>	State Route
<b>CEQA</b>	California Environmental Quality Act	<b>STA</b>	State Transit Assistance
<b>CIP</b>	Capital Investment Program	<b>STIP</b>	State Transportation Improvement Program
<b>CMAQ</b>	Federal Congestion Mitigation and Air Quality	<b>STP</b>	Federal Surface Transportation Program
<b>CMP</b>	Congestion Management Program	<b>TCM</b>	Transportation Control Measures
<b>CTC</b>	California Transportation Commission	<b>TCRP</b>	Transportation Congestion Relief Program
<b>EIR</b>	Environmental Impact Report	<b>TDA</b>	Transportation Development Act
<b>FHWA</b>	Federal Highway Administration	<b>TDM</b>	Travel-Demand Management
<b>FTA</b>	Federal Transit Administration	<b>TFCA</b>	Transportation Fund for Clean Air
<b>HOT</b>	High occupancy toll	<b>TIP</b>	Federal Transportation Improvement Program
<b>HOV</b>	High occupancy vehicle	<b>TLC</b>	Transportation for Livable Communities
<b>ITIP</b>	State Interregional Transportation Improvement Program	<b>TMP</b>	Traffic Management Plan
<b>LATIP</b>	Local Area Transportation Improvement Program	<b>TMS</b>	Transportation Management System
<b>LAVTA</b>	Livermore-Amador Valley Transportation Authority	<b>TOD</b>	Transit-Oriented Development
<b>LOS</b>	Level of service	<b>TOS</b>	Transportation Operations Systems
		<b>TVTC</b>	Tri Valley Transportation Committee
		<b>VHD</b>	Vehicle Hours of Delay
		<b>VMT</b>	Vehicle miles traveled

# ALAMEDA

## County Transportation Commission

ACCMA ■ 1333 Broadway, Suite 220 ■ Oakland, CA 94612 ■ PH: (510) 836-2560  
 ACTIA ■ 1333 Broadway, Suite 300 ■ Oakland, CA 94612 ■ PH: (510) 893-3347

[www.AlamedaCTC.org](http://www.AlamedaCTC.org)



### Public Transportation Access

**BART:** City/Center 12<sup>th</sup>  
Street Station

### AC Transit:

Lines 1, 1R, 11, 12, 13, 14,  
15, 18, 40, 51, 63, 72, 72M,  
72R, 88, 314, 800, 801,  
802, 805, 840

### Auto Access

- Traveling South: Take 11<sup>th</sup>  
Street exit from I-980 to  
11<sup>th</sup> Street
- Traveling North: Take 11<sup>th</sup>  
Street/Convention Center  
Exit from I-980 to 11<sup>th</sup>  
Street
- Parking:  
City Center Garage –  
Underground Parking,  
enter from 11<sup>th</sup> or 14<sup>th</sup>  
Street





## Memorandum

Date: October 4, 2010

To: **Sunol SMART Carpool Lane JPA**

From: Frank Furger, Chief Deputy Director

Subject: Status of Express Lane Operations

The I-680 Express Lane opened at 5 am on Monday September 20<sup>th</sup>. The facility has been operating from 5 am to 8 pm, Monday thru Friday. The following summarizes the operations, revenue and usage of the facility for the first two weeks of operations.

### **Express Lane Vehicle Trips**

The Express Lane has been averaging approximately 1,275 vehicles per day for the first two weeks of operation. The average usage for Monday through Thursday is higher with an average of 1,359 vehicles per day. The two Fridays have averaged fewer than 1000 vehicles per day using the facility.

### **Express Lane Revenue**

The average daily revenue is \$1,759.36, with total revenue for the first two weeks of \$17,593.60. As would be expected, the revenue pattern is similar to the pattern of vehicle trips in the Express Lane, with the Monday through Thursday average revenue being significantly higher at \$1,961.09 per day.

### **Toll Rate and traffic volume**

The toll rate has been started at \$1 each morning at 5 am. As traffic increases, the first toll increase has typically been around 6:30, with the toll normally increasing to \$1.50 to \$1.75 depending on the length of the trip. The maximum toll charged during the first two weeks has been \$2.50. The average toll in the peak period has been approximately \$1.50. As traffic decreases through the morning, the tolls have started to be reduced by about 10 am. By 11 am on most days, the toll has dropped to the minimum of 30 cents and has remained at that level throughout the remainder of the hours the facility is operating (8 pm).

### **Express Lane Traffic Management Center**

A Traffic Management Center (TMC) for the operations of the Express Lane has been constructed at the ACTC offices (what was previously the CMA Board room). The TMC provides a tool for staff to monitor the toll collection software and equipment and access corridor cameras through video monitors.

### **Corridor Travel Times**

#### *Route 84 to Route 237*

The travel times within the limits of the Express Lane (Route 84 to Route 237) have seen a slight improvement since the opening of the Express Lane. Based on data received from Caltrans and data obtained from 511.org, the time to travel this 14 mile segment has improved by an average of 1-3 minutes in the peak period compared to the historic average travel time.

#### *I-580/I-680 Interchange to Route 84*

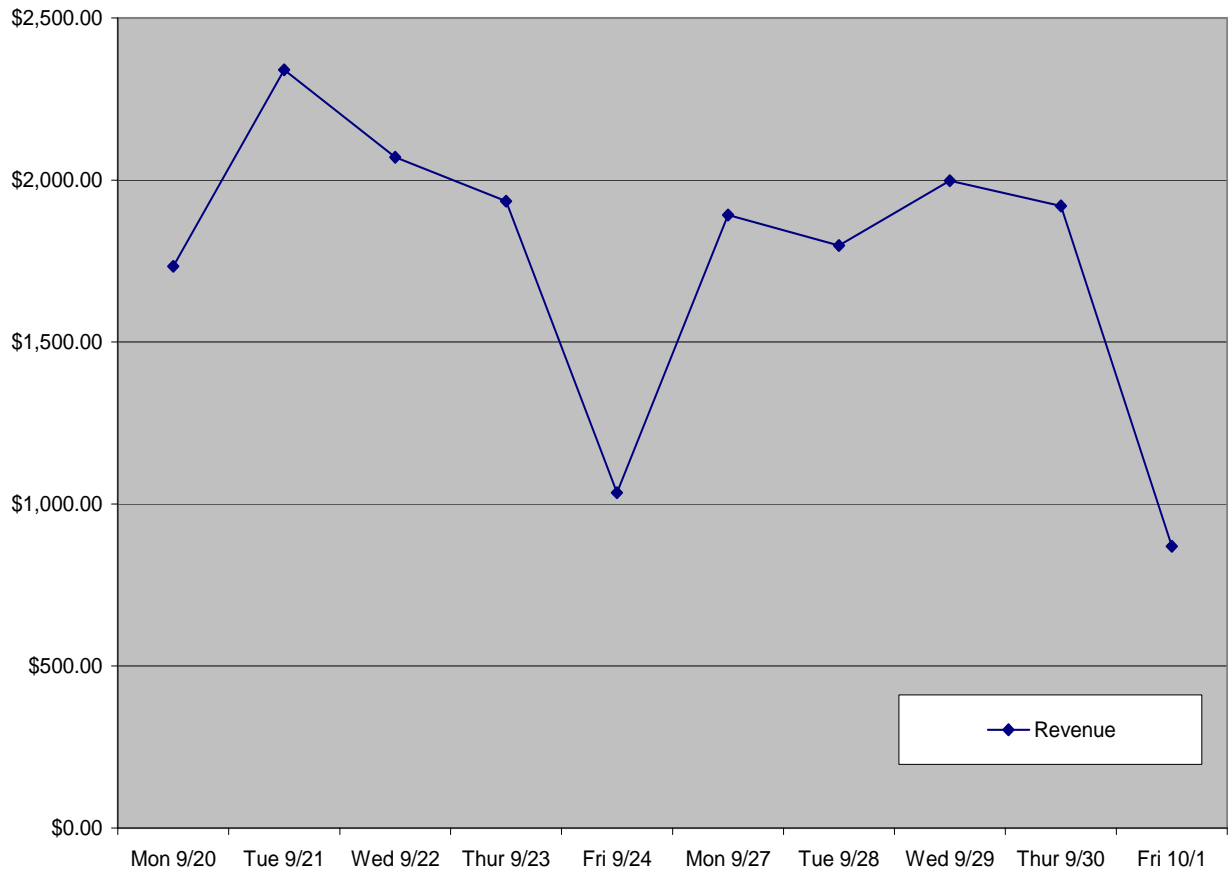
The Southbound segment of I-680 between I-580 and Route 84 experienced additional delays during the first few days of operations of the Express Lane. Much of the delay can be attributed to commuters getting accustomed to the new facility. Based on data received from Caltrans and data obtained from 511.org, the travel times during the morning commute have returned to the level that they were at prior to the opening of the Express Lane. Although the travel times in this segment have returned to the historic average, there continues to be a backup on the three lane facility during the morning commute north of where the four lane segment begins at Route 84.

### **Additional Traffic Analysis**

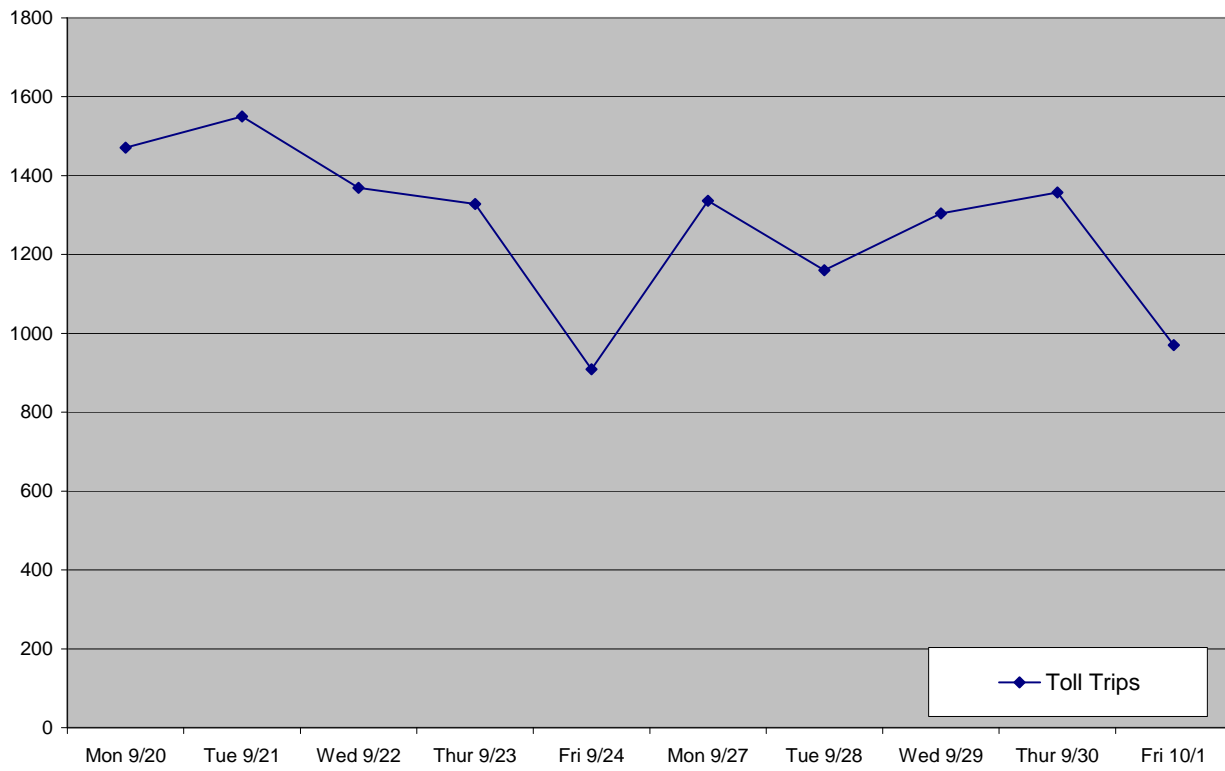
Staff is coordinating efforts with Caltrans to evaluate options to address the localized congestion at the merge of Route 84 and I-680, as well as the ongoing backup on I-680 north of Route 84. Traffic and vehicle occupancy counts have been initiated on both the I-680 and Route 84 corridors. A portable camera and traffic monitoring station is being moved from the south end of the Express Lane project to the northern end to better monitor and evaluate the peak period conditions in the vicinity of the Route 84 onramp. Lower cost operational improvements in this area are also being discussed with Caltrans.

Additional detail on the operations and performance of the Express Lane will be presented at the meeting.

**I-680 Express Lane Two Week Revenue**



**I-680 Express Lane Daily Toll Trips**





**I-580 EXPRESS LANE POLICY ADVISORY COMMITTEE  
MINUTES OF SEPTEMBER 13, 2010**

**A.0 JOINT MEETING WITH SUNOL SMART CARPOOL LANE JOINT POWERS  
AUTHORITY (JPA) GOVERNING BOARD**

**A.1 Convene joint meeting with I-680 Sunol Smart Carpool Lane Joint Powers Authority  
Governing Board**

**A.2 Express Lane – Ribbon Cutting Event**

Akkawi informed the Board of the Ribbon Cutting event for the opening of the I-680 Express Lane that took place on September 16, 2010 at 10 a.m. at Mission Road. Akkawi briefly informed the Board of some of the key speakers that would be attending the Express Lane – Ribbon Cutting Event. This item was presented for information only.

**A.3 Express Lane – Operations: Marketing Updates**

Leo Scott provided the Board with an update of the marketing activities and media outreach that took place during the last month. Scott stated that there are banners over the entrance signs highlighting that it will be opening on September 20<sup>th</sup>. He also stated that there has been much traffic on the web and there will be messages on the 511.org tree. This item was presented for information only.

**1.0 ROLL CALL**

Supervisor Haggerty conducted roll call. Supervisor Haggerty, Mayor Green and Mayor Hosterman were present. Councilmember Harrison was an alternate for Mayor Kamena.

**2.0 PUBLIC COMMENT**

Members of the public may address the Committee during “Public Comment” on any item not on the agenda. Public comment on an agenda item will be heard when that item is before the Committee. Anyone wishing to comment should make his or her desire known to the Chair.

**3.0 MINUTES OF JULY 12, 2010**

A motion was made by Green to approve the minutes of August 10, 2010; a second was made by Hosterman. The motion passed unanimously.

**4.0 HOV/EXPRESS LANE PROJECT STATUS UPDATE**

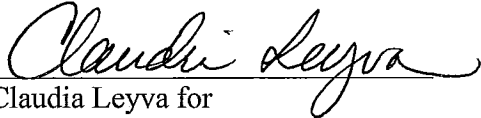
**4.1 I-580 Tri-Valley Rapid Corridor Improvements: Information  
Status Report for the I-580 Eastbound HOV Lane Project\* (page )**

Akkawi updated the Board on the Committee’s review of the monthly status report for the I-580 Tri-Valley Rapid Corridor Improvements: Eastbound HOV lane- Segments 1 and 2, and the HOT lane Projects. Akkawi updated the Board with the construction status report which covers all activities through August 31, 2010.

**5.0 ADJOURNMENT/NEXT MEETING: MONDAY, OCTOBER 11, 2010**

The meeting was adjourned at 10:10 a.m. The next meeting is schedule for Monday, October 11, 2010 at 9:30 a.m..

Attested by:

A handwritten signature in cursive script, reading "Claudia Leyva". The signature is written in black ink and is positioned above a horizontal line.

Claudia Leyva for  
Victoria Winn, I-680 JPA Secretary

# CMA I-580 EXPRESS LANE POLICY ADVISORY COMMITTEE

September 13, 2010

ACTIA/CTC Board Room

1333 Broadway, Suite 300, Oakland, CA

MEMBERS	Initials	CMA STAFF	Initials
Supervisor Scott Haggerty, Chair, County of Alameda	<i>SH</i>	Dennis Fay, Executive Director	<i>DF</i>
Mayor Jennifer Hosterman, Vice Chair, City of Pleasanton	<i>JH</i>	Frank Furger, Chief Deputy Director	<i>FF</i>
Mayor Mark Green, City of Union City	<i>MG</i>	Ray Akkawi, Mgr of Project Delivery	<i>RA</i>
Mayor Marshall Kamena, City of Livermore		<del>Victoria Winn, Secretary</del> <i>Myrna Porcillo</i>	<i>MP</i>
Mayor Tim Sbranti, City of Dublin		<i>ART DAO</i>	<i>ay</i>
Councilmember Bill Harrison, City of Fremont (Alternate)	<i>BH</i>		

## LEGAL COUNSEL/OTHERS

Zack Wasserman - WRBD			
Neal Parish, - WRBD	<i>NP</i>		
Leo Scott - Gray-Bowen Inc	<i>LS</i>		
Emily Landin-Lowe - Caltrans	<i>EL</i>		
Mark Zabaneh - Caltrans	<i>MZ</i>		

Name	Jurisdiction/Organization	Phone #	E-mail
1. <i>Dave Hyams</i>	<i>Solemt ASSOC.</i>	<i>415-788-7788</i>	<i>daveh@Solemt.com</i>
2. <i>Jesus Vargas</i>	<i>APM/VSCC</i>	<i>510 836-5001</i>	<i>JVARGAS@VSCCINC.com</i>
3. <i>Christine Moku</i>	<i>ACTC</i>	<i>90836 2560</i>	<i>cmoku@accma.ca.gov</i>
4. <i>Claudia Lopez</i>	<i>ACCMA</i>	<i>(510) 836-2560</i>	<i>clayva@accma.ca.gov</i>
5. _____			
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1333 BROADWAY, SUITE 220 . PHONE (510) 836-2560 . FAX (510) 836-2185

## **Memorandum**

**Date:** October 2, 2010

**To:** I-580 Express Lane Policy Advisory Committee

**From:** Ray Akkawi, Manager of Project Delivery

**Subject:** I-580 Tri-Valley Rapid Corridor Improvements: Status Report for the I-580 Eastbound HOV Lane Project.

Attached for the Committee's review is the monthly status report for the I-580 Tri-Valley Rapid Corridor Improvements: Eastbound HOV lane- Segments 1 and 2, and the HOT lane Projects. The CMA is the sponsor of the HOV. However, the construction phase of the HOV lane is administered by Caltrans. The construction status report covers all activities through September 30, 2010.

# **Construction Status Report Through September, 2010**

## **PROJECT DESCRIPTION**

The EB I-580 HOV Lane project will construct an HOV lane in the median from Hacienda Blvd in the City of Dublin to Greenville Road in the City of Livermore. The project will construct auxiliary lanes between Fallon and Airway, the new Isabel interchange and North Livermore, North Livermore and First Street, and First Street and Vasco. To receive competitive bidding and complete the project sooner, the CMA split the project into two smaller construction segments. Segment 1 limits are from Greenville Road to Portola Ave. Segment 2 limits are from Portola Ave to Hacienda Blvd. To comply with the CMIA scope, a third contract was added to construct the auxiliary lanes between the new Isabel interchange and First Street. Funding for the third contract came from bid savings from contract one and revising the estimates for contract 2.

## **PROJECT FUNDING**

The I-580 EB HOV is fully funded through Federal, State, and local funds available for the I-580 Corridor.

## **CONSTRUCTION STATUS**

**Segment 1:** The construction contract of this segment (from Greenville Road to Portola Avenue) was completed on February 2, 2010.

**Segment 2:** This segment of the I-580 Eastbound HOV Lane project will construct an eastbound HOV lane from Portola Avenue in the City of Livermore to the Hacienda Blvd interchange in the City of Dublin. The project will widen the inside and outside shoulders to accommodate the conversion of the HOV lane to High Occupancy Toll (HOT) lane. It will construct auxiliary lanes from Airway to Fallon and from Fallon to Santa Rita, and will also rehabilitate the existing pavement to provide a better roadway surface.

### **Contract Status:**

Contract #2 was awarded by Caltrans on July 29, 2009 to in the amount of \$30,454,448. The contract work started on August 21, 2009 and the estimated contractual completion date is August 25, 2011. Ground breaking was held on October 2, 2009. Contractor has placed the structural section and the barrier in the median between Airway and Fallon, constructed retaining wall #2 at Cottonwood Creek along with widening Cotton Creek box culvert, and began work on widening the outside shoulder to accommodate the auxiliary lanes. The HOV Lane between Portola Ave and Airway Blvd was opened to traffic on July 18, 2010. It is anticipated the remainder of the HOV (between Airway and Hacienda) will open in early November.

## **FINANCIAL STATUS**



## Budget and Expenditure Summary/ Construction Phase

The table below is the breakdown of the funding allocation.

	<b>Contract 2</b>
<b>Bid Amount</b>	\$30,454,448
<b>ALLOCATION:</b>	
<b>Supplemental Funds</b>	\$1,860,450
<b>State Furnished Mat.</b>	\$1,271,600
<b>Contingency Fund (5%)</b>	\$1,616,502
<b>Total Allotment</b>	<b>\$35,203,000</b>
<b>EXPENDITURES:</b>	
Items Paid to Date	\$27,177,479
Approved CCOs	\$875,571
Supplemental work	\$1,035,700
State Furnished Material	\$0
<b>Total Estimated Expenditures</b>	<b>\$29,088,750</b>
<b>Estimated Fund Balance (Allocation – Expenditures)</b>	<b>\$6,114,250</b>

## SCHEDULE STATUS

	<b>Contract 2</b>
<b><i>Bid Opening:</i></b>	June 3, 2009
<b><i>Contract Approval:</i></b>	July 29, 2009
<b><i>Total Working Days per Bid</i></b>	490
<b><i>First Charged Working Day</i></b>	August 21, 2009
<b><i>Contractual Completion Date:</i></b>	August 25, 2011
<b><i>Time Extension due to Weather Days:</i></b>	20 Working Days
<b><i>Time Extension due to Change orders:</i></b>	00 Working Days
<b><i>% Completion (Time):</i></b>	56%
<b><i>% Completion (Work):</i></b>	83%

## OUTSTANDING ISSUES/DISPUTES/CLAIMS

While the contractor has not submitted official Notice of Potential Claim (NOPC), there are some pending issues that have impact on the project budget. These issues are related to the coordination with Isabel Interchange project and the deletion of the Rubberized Asphalt Concrete between Portola and Airway (Isabel related issue).

## STATUS REPORT

The I-580 East Bound Express Lane project will convert the HOV lane under construction to an Express Lane. The limits of the EB express lane are from Hacienda Blvd in the City of Dublin to Greenville Road in the City of Livermore.

The traffic study and revenue report for the conversion of the HOV lane to express lane are completed. Initial model results shows that in order to maintain a Level of Service C in the express lane in 2015, a need to either adds another lane or changes the carpool policy to 3+. The CMA is investigating the possibility of adding another lane within the existing pavement and right-of-way. The second lane will require the conversion of the inside shoulder to an express lane. The dual express lanes configuration will be similar to the dual HOV lanes in Southern California.

### SCHEDULE

The CMA is proceeding with two environmental documents for the project. A revalidation of the existing HOV environmental document will be used to environmentally clear the one lane option. An IS/EA type of document will be developed to clear the dual express lanes.

<b>Phase</b>	<b>Schedule</b>
<b>One lane;</b>	
Environmental Clearance	10/1/2009      Revalidation approved
Design	Proceed with Two Lane Express Lane
Construction	

#### **Dual Lanes;**

IS/EA	
Draft Environmental Document (IS/ES)	Nov 2009
Final Environmental Document	Pending Design Exception Approval
PSR/PR	Pending Design Exception Approval
PSE	Pending Approval of Environmental Document
Construction	Potential to be combined with Aux Lane project

#### **System Integrator (dual lanes);**

A contract to develop the dynamic pricing algorithm, electronic toll system, interface with Toll Data Center, BATA customer service, Caltrans TMC, and CHP, and design and construct the electrical network needed for the ETS was awarded to ETC on March, 25, 2010. Two design workshops were held in July and August to determine the algorithm parameters and design criteria. Consultant is preparing the draft design document.

## STATUS REPORT

The I-580 East Bound Auxiliary Lanes project will construct auxiliary lanes from the new Isabel Interchange to North Livermore and from North Livermore to First Street. The project will widen the freeway at the outside, construct retaining walls, construct a soundwall at First Street, widen the three structures over Los Positas creek, place the final asphalt concrete overlay, and stripe the facility from Airway to Greenville for HOT Lane. The project requires the acquisition and permanent easements at the Southside of the freeway.

**PROJECT STATUS:** The project is in the environmental phase. The biological assessment was sent to US Fish and Wildlife Services in July 2010. Initial comments from FWS were received last month. Approval of the re-validation is needed to proceed with the Right-of-Way phase. The Plans, Specifications Estimates are at 95% completion. Once the Re-validation of the environmental document is completed, the design will proceed to final phase.

Phase	Schedule
Environmental Clearance	12/15/2010    Revalidation of EB HOV Document
Design	March 2011
Construction	October 2011

## PROJECT COST

Project Development	\$ 1,800,000
Right-of-Way	\$ 500,000
Construction Management	\$ 2,535,000
Construction	\$ 22,490,600
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Total	\$27,325,600

## FUNDING

RM2	\$ 2,000,000
Savings from EB HOV Projects	\$ 3,462,600
I-Bond: CMIA	\$ 21,563,000
TVTC	\$ 300,000
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Total Funding	\$ 27,325,600

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