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City of Pleasanton Jennifer Hosterman, Mayor

City of San Leandro Joyce R. Starosciak, Councilmember

Executive Director Arthur L. Dao

I-680 SUNOL SMART CARPOOL LANE JOINT POWERS AUTHORITY

MEETING NOTICE Monday, March 12, 2012, 9:30 am

1333 Broadway, Suite 300, Oakland, California 94612 (see map on last page of agenda)

Scott Haggerty -- Alameda CTC

Bill Harrison -- Alameda CTC

Chair: Vice Chair: Members:

Mark Green -- Alameda CTC Jennifer Hosterman -- Alameda CTC Gail R. Price -- Santa Clara VTA

Staff Liaison: Executive Director: Secretary:

Stewart Ng Arthur L. Dao Christina Ramos

AGENDA

Copies of Individual Agenda Items are Available on the: Alameda CTC Website -- <u>www.AlamedaCTC.org</u>

PLEDGE OF ALLEGIANCE

2 ROLL CALL

1

3

PUBLIC COMMENT

Members of the public may address the Board during "Public Comment" on any item <u>not</u> on the agenda. Public comment on an agenda item will be heard when that item is before the Board. Only matters within the Board's jurisdictions may be addressed. Anyone wishing to comment should make their desire known by filling out a speaker card and handling it to the Secretary. Please wait until the Chair calls your name. Walk to the microphone when called; give your name, and your comments. Please be brief and limit comments to the specific subject under discussion. Please limit your comment to three minutes.

4	CONSENT CALENDAR	
4A.	Approval of the Minutes of February 13, 2012* – Page 1	Α
5	ADMINISTRATIVE MATTERS	
5A.	Review and Approval of the FY2011-12 mid-year Express Lane Operating Budget Update * – Page 7	Α
5B.	Review and Acceptance of the Sunol Smart Carpool Lane "Annual Report" for FY 2010/11**	Α

6	UPDATES	
6A.	Review of the I-680 SB Express Lane Operations Work Plan **	Ι
6B.	Review of the I-680 SB Express Lane Operations Update** - Page 11	Ι
6C.	Review of the I-680 SB HOV Monthly Construction Update* – Page 17	Ι
7	COMMITTEE MEMBER REPORTS (Verbal)	Ι
	No items this month.	
8	STAFF REPORTS (Verbal)	Ι
	No items this month.	
9	ADJOURNMENT/NEXT MEETING: April 9, 2012	Ι

Key: A- Action Item; I – Information Item

- (*) 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 Board.

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

Alameda County Transportation Commission 1333 Broadway, Suites 220 & 300, Oakland, CA 94612 (510) 208-7400 (New Phone Number) (510) 836-2185 Fax (Suite 220) (510) 893-6489 Fax (Suite 300) www.alamedactc.org

Glossary of Acronyms

ABAG	Association of Bay Area Governments			
ACCMA	Alameda County Congestion Management Agency			
ACE	Altamont Commuter Express			
ACTA	Alameda County Transportation Authority (1986 Measure B authority)			
ACTAC	Alameda County Technical Advisory Committee			
ACTC	Alameda County Transportation Commission			
ACTIA	Alameda County Transportation Improvement Authority (2000 Measure B authority)			
ADA	Americans with Disabilities Act			
BAAQMD	Bay Area Air Quality Management District			
BART	Bay Area Rapid Transit District			
BRT	Bus Rapid Transit			
Caltrans	California Department of Transportation			
CEQA	California Environmental Quality Act			
CIP	Capital Investment Program			
CMAQ	Federal Congestion Mitigation and Air Quality			
СМР	Congestion Management Program			
СТС	California Transportation Commission			
CWTP	Countywide Transportation Plan			
EIR	Environmental Impact Report			
FHWA	Federal Highway Administration			
FTA	Federal Transit Administration			
GHG	Greenhouse Gas			
НОТ	High occupancy toll			
HOV	High occupancy vehicle			
ITIP	State Interregional Transportation Improvement Program			
LATIP	Local Area Transportation Improvement Program			
LAVTA	Livermore-Amador Valley Transportation Authority			
LOS	Level of service			

MTC	Metropolitan Transportation Commission			
MTS	Metropolitan Transportation System			
NEPA	National Environmental Policy Act			
NOP	Notice of Preparation			
PCI	Pavement Condition Index			
PSR	Project Study Report			
RM 2	Regional Measure 2 (Bridge toll)			
RTIP	Regional Transportation Improvement Program			
RTP	Regional Transportation Plan (MTC's Transportation 2035)			
SAFETEA-I	LU Safe, Accountable, Flexible, Efficient Transportation Equity Act			
SCS	Sustainable Community Strategy			
SR	State Route			
SRS	Safe Routes to Schools			
STA	State Transit Assistance			
STIP	State Transportation Improvement Program			
STP	Federal Surface Transportation Program			
ТСМ	Transportation Control Measures			
TCRP	Transportation Congestion Relief Program			
TDA	Transportation Development Act			
TDM	Travel-Demand Management			
ТЕР	Transportation Expenditure Plan			
TFCA	Transportation Fund for Clean Air			
TIP	Federal Transportation Improvement Program			
TLC	Transportation for Livable Communities			
ТМР	Traffic Management Plan			
TMS	Transportation Management System			
TOD	Transit-Oriented Development			
TOS	Transportation Operations Systems			
TVTC	Tri Valley Transportation Committee			
VHD	Vehicle Hours of Delay			
VMT	Vehicle miles traveled			

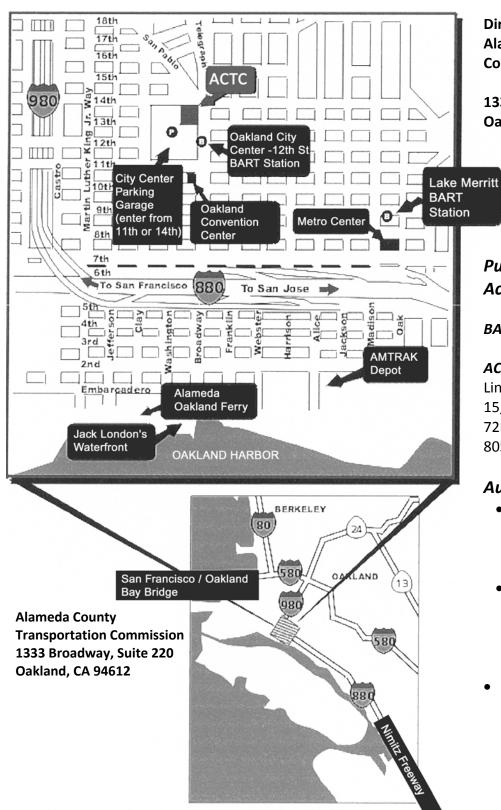


1333 Broadway, Suites 220 & 300

Oakland, CA 94612

PH: (510) 208-7400

www.AlamedaCTC.org



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1333 Broadway, Suite 220 Oakland, CA 94612

Public Transportation Access:

BART: City Center / 12th Street Station

AC Transit:

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

Auto Access:

- Traveling South: Take 11th
 Street exit from I-980 to
 11th Street
- Traveling North: Take 11th Street/Convention Center Exit from I-980 to 11th Street
- Parking: City Center Garage – Underground Parking, (Parking entrances located on 11th or 14th Street)



I-680 Sunol Smart Carpool Lane JPA Meeting MINUTES OF FEBRUARY 13, 2012 OAKLAND, CALIFORNIA

The meeting was convened by the Chair, Supervisor Haggerty, at 9:30am

1 PLEDGE OF ALLEGIANCE

Dao led the pledge of allegiance.

2 ROLL CALL

All board members except for Mayor Green were present; a quorum was confirmed. Green arrived shortly after the roll call at 9:35.

3 PUBLIC COMMENT

There were no public comments

4 CONSENT CALENDAR

4A. Approval of the Minutes of January 9, 2012*

A motion to approve the minutes of January 9, 2012 was moved by Hosterman and seconded by Harrison; approved unanimously.

5 ADMINISTRATIVE MATTERS

5A. Approval of the Year-to-Date (YTD) Operating Statement of Revenues and Expenditures of the Sunol Smart Carpool Lane for the period ended December 31, 2011: Reavey presented the report to the JPA Board for approval. A motion to approve was made by Harrison and seconded by Hosterman; the motion passed unanimously.

Questions

• Harrison asked for clarification of "other" consultant cost of \$28,000; Reavey explained that it is for the Executive Directors contract pay out, and will have corresponding revenues from CMA TIP according to the contract language.

6 UPDATES

- **6A. I-680 SB Express Lane Operations Update:** Furger reviewed the I-680 SB Express Lane (EL) Operations Update through 71 weeks of operation. Furger presented a power point at the meeting; this was an informational item only. The presentation included the following information:
 - Seventy-one Week Summary of Revenue, Trips and Toll Rates
 - A Week by Week Summary of Gross & Cumulative Revenue for 71 Weeks
 - Daily Revenue and Trips Comparisons

- Typical Daily Revenue, Trips and Toll Rate by Each Hour
- Recent Incidents in EL
- Top Twenty Cities Utilizing the EL
- CHP Enforcement Summary

Furger notified the Board that there were three incidents in the last three days that affected the EL. Furger noted that to the best of his knowledge, prior to these incidents, only two other incidents occurred since the EL opened on September 20, 2010.

Incident #1 - February 9, 2012 (9:30am) Big rig accident blocked two southbound General Purposes (GP) lanes:

- CHP directed traffic onto the EL
- GP Lanes speed dropped to 10 MPH at North End
- EL speed remained about 60 MPH
- JPA maintenance field personnel informed staff of incident
- Staff changed toll rate signs to display "OPEN TO ALL"
- Caltrans, TMC and CHP were informed of the change
- Incident was cleared around 11:00 am
- Tolling of full facility resumed at 11:10 am

Incident #2 – February 10, 2012 (10:00am) Motorcycle breaks down in EL:

- CHP directed traffic out of the EL in the accident area
- Vehicles were allowed to re-enter the EL just past the accident site
- EL speed remained about 60 MPH
- Accident was cleared within 30 minutes

Incident #3 – February 13, 2012 (5:15am) Accident in EL near Vargas Rd.:

- CHP closes EL to all traffic north of the area
- Vehicles were allowed to re-enter the EL just past the accident site
- Accident was cleared around 6:00 am

Questions

- Haggerty inquired whether any of the accidents occurred due to users incorrectly entered in and out of the Express Lane. Furger responded that he did not believe so and added that JPA staff meets with the CHP once a month to fine tune communications, and each of the three incidents went as smooth as they could have gone.
- Hosterman inquired why we were seeing higher EL usage on Fridays. Furger clarified and responded that it is a small increase observed during p.m. commute hours on Fridays when compared to Monday through Thursday travel and/or usage. His understanding is that the increase is attributed to out of town travel.
- Haggerty inquired whether the Friday p.m. usage increase has been analyzed (i.e. events at H.P. Pavilion etc. influenced the increase). Haggerty requested additional information for confirming why more people are using EL on Friday afternoons for

marketing purposes.

- Green added that Castro Valley being on the top twenty users list may be an indication that I-880 is so congested that users are using I-680 to access the South Bay instead of using I-880.
- Haggerty requested number of users from the top twenty cities.
- Hosterman asked if the facility will generate enough revenue to take care of future maintenance in the corridor. Furger responded that before the facility opened resurfacing and paving were done to current standards and the pavement should last up to 10 years, with the exception of minor pot hole repairs. JPA does set aside a token amount of \$200,000 a year for future maintenance and rehab, an additional \$200,000 \$300,000 a year for future equipment replacement. Hosterman noted that to the extent we can set aside moneys for future maintenance it is a direction we should go in, as future funding from the State and Federal government lessens.
- Haggerty expressed concerned regarding CHP's enforcement track record for this month, more verbal warning provided while fewer citations issued; Furger has asked the CHP to put together another strike force scheduled for February 21, 2012.
- Harrison asked if it is worth bringing out the media to draw attention to the strike force, Furger did not suggest involving the media.
- Furger introduced Brian Zukowski as a consultant staff member who helped put together the presentation materials for the JPA.
- **6B.** Review of I-680 SB HOV Widening Monthly Update: Landin-Lowe reviewed the status update of the I-680 SB HOV Widening Project, this was an informational item. She indicated that all construction contracts are within budget and most are indeed complete. The last remaining on-going contract (Contract #2) is expected to be closed out ahead of the planned June 2012 close out date. A 3-year plant establishment period commenced on the Mitigation Contract, and the follow-on Landscape design is on-hold to coordinate with the timing of Freeway Performance Initiate project, planned within the corridor.

Questions

- Haggerty spoke about the transition from I-580 to I-680 Express Lanes, and asked if we were planning for this transition. Dao responded that nothing is planned at this moment regarding the I-580 / I-680 transition; he however stated that there is \$20M included in the Transportation Expenditure Plan (TEP) and the staff will look at options, including a direct connector at that location. Dao also suggested conducting a feasibility study for Route 84 express lane.
- Furger suggested that there needs to be a future policy discussion/decision to give users a toll break those intend to use both the I-680 EL and I-580 EL. The JPA should think about optimizing usage and balance the revenues and give users an incentive to use both facilities.

7 COMMITTEE MEMBER REPORTS (Verbal)

None this month.

8 STAFF REPORTS (Verbal)

Dao acknowledged this meeting as Furger's last meeting with the committee, and thanked him for his hard work and dedication to the Agencies over the last 12 years. Furger credited the Board members for standing behind the Express Lanes and for their support.

9 ADJOURNMENT/NEXT MEETING: March 12, 2012

Attested by: brishin Remes

Christina Ramos JPA Secretary



SUNOL SMART CARPOOL LANE JOINT POWERS AUTHORITY GOVERNING BOARD February 13, 2012

Alameda County Transportation Commission Conference Room A & B, Third Floor 1333 Broadway, Suite 300, Oakland, CA

JURISDICTION/AGENCY	COMMISSIONERS	Initials	ALTERNATES	Initials
Alameda County, District 1	Scott Haggerty, Chair	185		
City of Fremont	William Harrison, Vice Chair	DI		
City of Union City	Mark Green	12		
City of Pleasanton	Jennifer Hosterman	Jor	John Marchand (City of Livermore)	
Santa Clara VTA	Gail A. Price	Suf.		
JURISDICTION/AGENCY	CONTACT NAME	Initials	CONTACT NAME	Initials
	Arthur L. Dao, Executive Director	and		1
	Stewart Ng, Director of Programming and Project Management	An		
ALAMEDA CTC STAFF /	Patricia Reavey, Director of Finance	Prik		11
CONSULTANTS	Kanda Raj, SSCLJPA Operations Manager	KIR.	Frank R. Furger, SSCLJPA Operations Manager	H
	Christina Ramos, I-680 SSCLJPA Secretary	Cer		
	Zack Wasserman, WRBD			
LEGAL COUNSELS	Pamela Mintzer, WRBD	100-		
	Neal Parish, WRBD	AF		
CALTRANS	Emily Landin -Lowe	Dr	Mark Zabaneh	
	Gladys V. Parmilee	gup		
OTHERS	J J	00		

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SUNOL SMART CARPOOL LANE JOINT POWERS AUTHORITY GOVERNING BOARD ROSTER OF ATTENDANCE

February 13, 2012

	NAME	JURISDICTION / AGENCY	TELEPHONE	E-MAIL	phound.con.
	LIZJUSTISM	Varsons Brinkle Noff	510.757.8175	ting justi	
	RAMsey Ussen	URS	408-297-95		
	JOHN HRMIMP	Alameda CTC	510-208-74	14 ; hemin	planeter
	Scott Haywood	VTA	408-341-7544	scott. hay u o	od Outer is
	Brian Zu Kows!	i COM Smith	203-865-2191		ipme 7
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Memorandum

DATE:	February 26, 2012
то:	Sunol SMART Carpool Lane JPA
FROM:	Arthur L. Dao, Executive Director Patricia M. Reavey, Director of Finance

SUBJECT: Fiscal Year 2011-2012 Mid-Year Budget Update

Recommendation

It is recommended that the Sunol Smart Carpool Lane JPA (JPA) Board review and approve the attached FY2011-12 mid-year Express Lane operating budget update (Attachment A).

Summary of Adjustments

Since the JPA Board approved the audited financial statements in November, 2011, the actual FY2010-11 unrestricted net asset roll forward balance of \$628,567 is available to include in the updated budget. This is an increase over the projected roll forward balance of \$33,567. It is important to update this information in order to project the most accurate unrestricted net asset balance possible for the year ended June 30, 2012.

Due to the format of the funding contract entered into between the JPA and the CMA TIP Exchange Fund to fund the Executive Director and other consultant contracts, this operating expense which is projected to be up to \$200,000 for FY2011-12 will be paid through the JPA and appear on the JPA's financial statements along with the corresponding CMA TIP revenues. The proposed updated budget has been adjusted to include this amount as both revenue and expense.

The projection for Express Lane Maintenance has also been increased from \$100,000 to \$150,000 to include all projected Caltrans maintenance expenses through the end of the fiscal year.

As in the current adopted budget, the budget update includes a \$150,000 reserve for replacement of toll system equipment, software and hardware at the end of the projected useful lifecycle of the components for a cumulative balance of \$300,000. The reserve will also serve as an emergency contingency to address costs associated with unanticipated equipment failure or damage. The budget update also includes a \$100,000 reserve for future roadway rehabilitation for a cumulative balance of \$200,000. This reserve will set aside funding for the Express Lanes share of costs for rehabilitation of the roadway at the end of the pavement lifecycle. The reserve will also serve as a contingency to address costs associated with unanticipated emergency roadway repairs that may be required.

Fiscal Impact

The impact of the Proposed Update to the FY2011-12 Budget would be to provide additional resources of \$200,000 and authorize additional expenses of \$250,000 which would reflect an overall

decrease in unrestricted net assets of \$50,000 for a projected Ending Unrestricted Net Asset balance of \$1,281,567.

Attachments

Attachment A - Sunol Smart Carpool Lane JPA FY2011-12 Mid-Year Budget Update

SUNOL SMART CARPOOL LANE Fiscal Year 2011-12 Mid-Year Budget Adjustment

	ŀ	TY 11-12 Adopted Budget	FY 11-12 Proposed Adjustments	FY 11-12 Proposed lated Budget
Beginning Unrestricted Net Assets	\$	595,000	\$33,567	\$ 628,567
OPERATING REVENUES				
Toll Revenue		850,000		850,000
CMA TIP Revenue		-	200,000	200,000
Interest Income		3,000		 3,000
Total Operating Revenues		853,000		1,053,000
OPERATING EXPENSES				
Express Lane Maintenance (Caltrans)		100,000	50,000	150,000
Other Consultant Costs		50,000	200,000	250,000
Total Operating Expenses		150,000		400,000
Operating Surplus/(Deficit)	\$	703,000		\$ 653,000
Ending Unrestricted Net Assets	\$	1,298,000		\$ 1,281,567
Less Cummulative Reservations for:				
Toll System/Software/Hardware Replacement		300,000		300,000
Roadway Rehabilitation		200,000		200,000
Total Reserves		500,000		500,000
Ending Net Assets Available	\$	798,000		\$ 781,567

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Date: March 5, 2012

To: Sunol Smart Carpool Lane JPA

From: Arthur L. Dao, Executive Director

Subject: Express Lane Operations Summary

The following summarizes the operations of the I-680 Express Lane through February 2012:

YTD Revenue (Actual Gross vs. Forecasted)

	Actual Gross	Vs.	Forecasted
Total Revenue in FY 2010/11 (Sept. 2010 – June 2011)	\$657,607		\$595,000
YTD Revenue in FY 2011/12 (July 2011 – Feb. 2012)	\$700,790		\$566,667 * (July 2011 – Feb. 2012)

* - Forecasted FY 12 Revenue is \$850,000

Year Over Year Comparison by Month

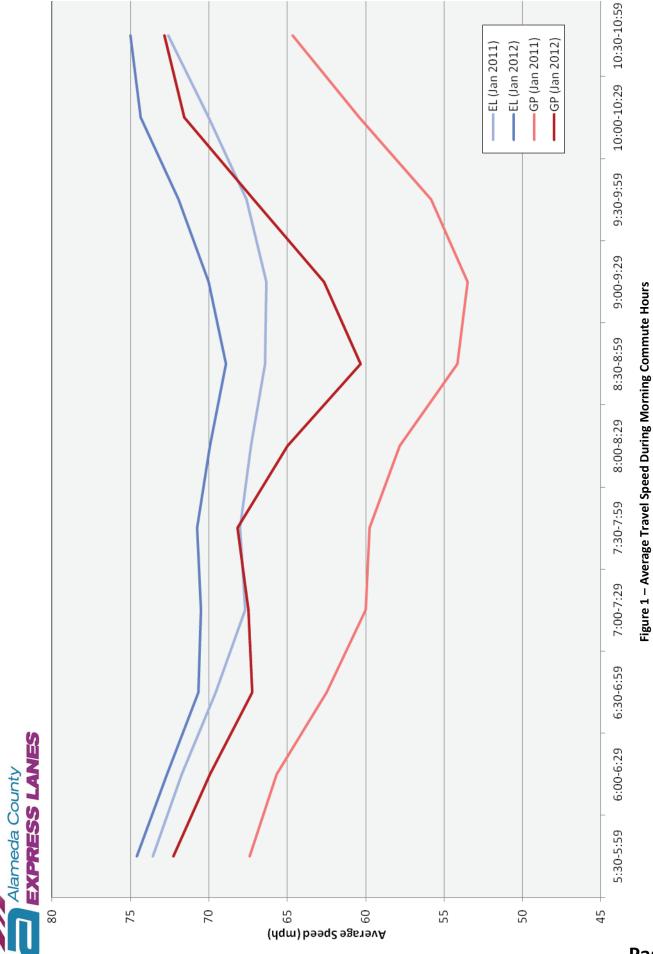
	February 2011	February 2012
Total Monthly Revenue	\$79,806.75	\$98,389.20
Average Daily Revenue	\$3,990.34	\$4,685.20
Highest Daily Revenue	\$11,372.65	\$6,659.50
Total Monthly Trips (EL)	28,860	40,734
Average Daily Trips (EL)	1,443	1,940
Highest Daily Trips (EL)	2,324	2,540
Average Peak Hour Toll Rate	\$3.17	\$2.77
Highest Toll Rate	\$7.50	\$7.50

• February 2011 represents 20 days of toll collection.

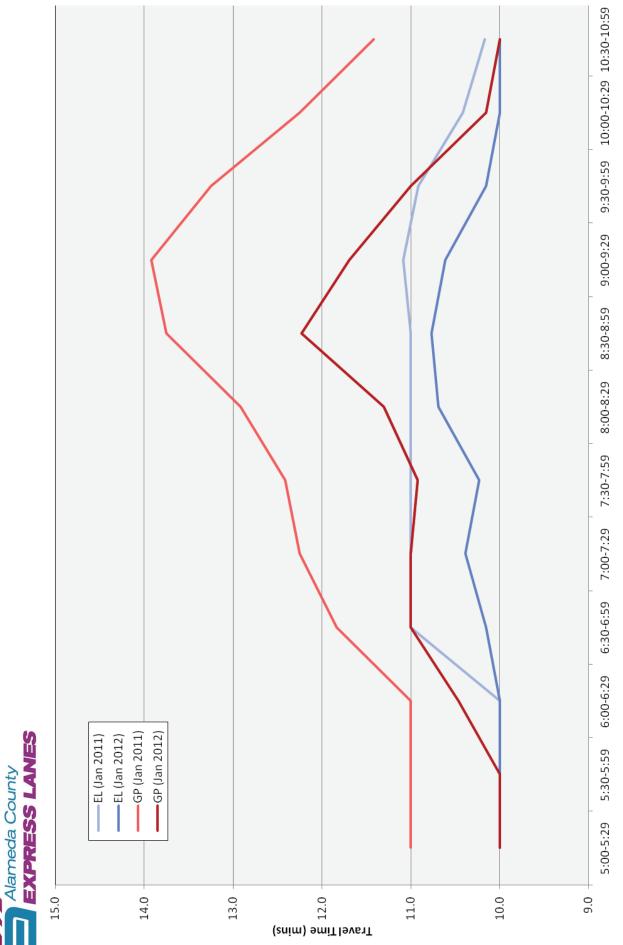
• February 2012 represents 21 days of toll collection.

Attachments:

Average Travel Speed During Morning Commute Hours Average Travel Time During Morning Commute Hours Average Daily Express Lane Revenue & Trip Comparison Average Monthly/Daily Express Lane Trip Comparison Average Monthly/Daily Express Lane Revenue Comparison

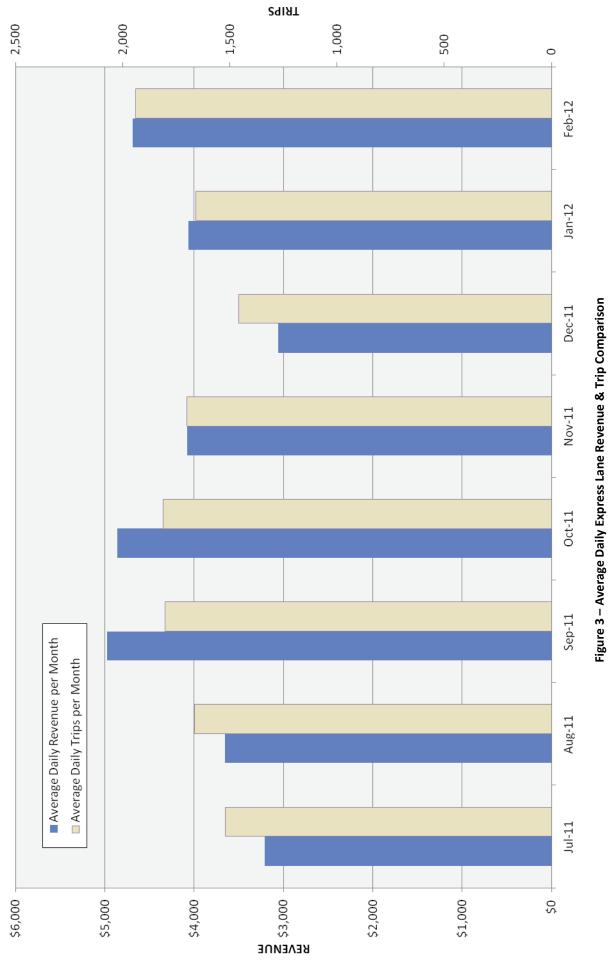














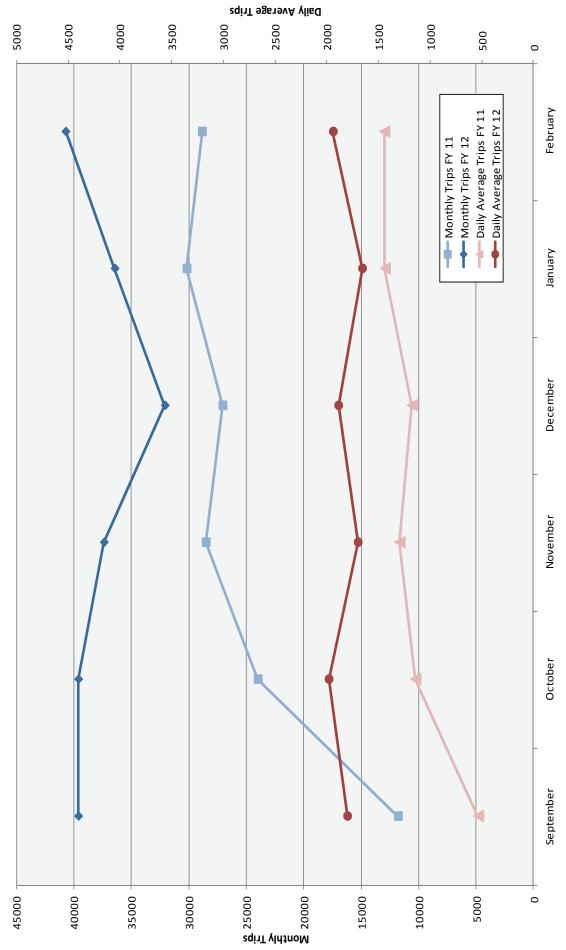
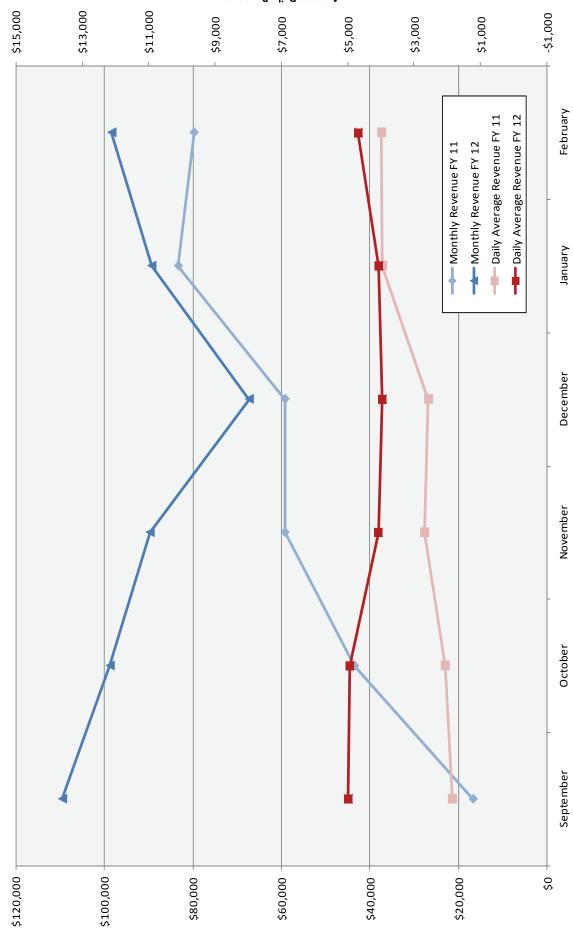


Figure 4 – Average Monthly/Daily Express Lane Trips Comparison





Monthly Revenue

Figure 5 – Average Monthly/Daily Express Lane Revenue Comparison

Average Daily Revenue



Memorandum

DATE: February 28, 2012

TO: Sunol Express Lane Joint Powers Authority

FROM: Emily Landin-Lowe, Regional Project Manager - Caltrans Kanda Raj, Project Controls Team – Alameda CTC

SUBJECT: I-680 SB HOV Widening Status Update

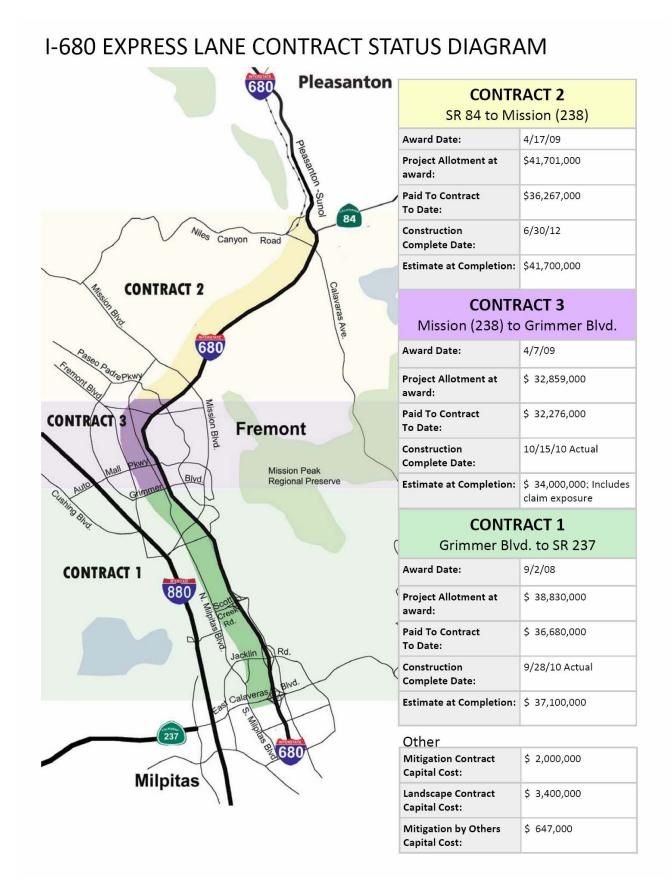
Action

Attached for the Board's review and information is the status update for the I-680 SB HOV/Express Lane project – Caltrans administered Civil Elements. The CMA is the sponsor of the HOT element of the I-680 Express Lane. However, the construction phase of the civil elements of this project is administered by Caltrans. The status report covers all activities through February 28, 2012.

Background

The 14 mile I-680 Express Lane extends from Highway 84 in the City of Pleasanton to Highway 237 in the City of Milpitas. The project widened the existing facility to allow the conversion of the HOV lane to Express (HOT) Lane. When the express lane opened it allowed carpools to travel free of charge and charged a toll for single occupancy vehicles to use the excess capacity in the High Occupancy Toll (HOT) lane. The scope of the project consists of two elements; the Civil Element, widening to accommodate HOT; and the Electronic Toll System Element that includes the Dynamic Pricing.

I-680 SSCLJPA Meeting, 3/12/2012 Agenda Item 6C



Page 18



I-680 HOV/EXPRESS LANE PROJECT Construction of Civil Elements Status Report For February 2012

PROJECT DESCRIPTION

The I-680 Express Lane project allows carpools to travel free of charge and charges a toll for single occupancy vehicles to use the excess capacity in the High Occupancy Toll (HOT) lane. This project widened I-680 to accommodate the existing High Occupancy Vehicle (HOV) lane and HOT lane; constructed improvements to provide a HOT lane along southbound I-680 from State Route (SR) 84 to Santa Clara County SR 237; and rehabilitated the existing pavement. The Civil Elements of the project was divided into five Contracts. Below is the update of each contract:

<u>CONTRACT 2</u> (Caltrans administered) - HOV/HOT Lane & Rehabilitation, from SR 238 to Stoneridge Drive.

CONTRACT STATUS

All contract work is complete. Minor change order will be completed in February. Contract is within budget. Expected completion is ahead of the previously reported 6/30/12 date.

<u>CONTRACT 1</u> (Caltrans administered) - HOV/HOT Lane & Rehabilitation, from Grimmer Boulevard to SR 238.

CONTRACT STATUS

Construction was completed September 27, 2010. Closeout in process, most issues have been resolved.

<u>CONTRACT 3</u> (Caltrans administered) - HOV/HOT Lane & Rehabilitation, from SR 237 to Grimmer Boulevard

CONTRACT STATUS

Construction was completed October 15, 2010. Claims have been resolved. Closeout is in process.

<u>CONTRACT 5</u> (Caltrans administered) – Mitigation at Sabercat

I-680 SSCLJPA Meeting, 3/12/2012 Agenda Item 6C

CONTRACT STATUS

Construction work is complete. Planting is complete. Plant establishment will continue for 3 years.

<u>CONTRACT 6</u> (Caltrans design & administered) – Landscape

CONTRACT STATUS

Design on hold due to better coordinate the timing of a Freeway Performance Initiative Project. Project will be rescheduled to avoid rework.

OTHER ISSUES:

There is an additional contract under a cooperative agreement with the City of Dublin administering for required mitigation. Construction is complete and the City of Dublin will monitor for 20 years. Final invoice to City of Dublin was paid and project is within budget.

CTC approved the payback of \$10M in LONP/TCRP funds to ACTC for Contract 2, and ACTC already received payment from Caltrans. A second 2011/12 LONP/TCRP request for payback is anticipated to go to CTC for an allocation in April 2012.