

**SUNOL SMART CARPOOL LANE
JOINT POWERS AUTHORITY
GOVERNING BOARD**

MEETING NOTICE

**Monday, February 14, 2011
9:30 A.M.**

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

Chair: Supervisor Scott Haggerty, ACTIA/Alameda CTC
Vice Chair: Councilmember Bill Harrison, ACTIA/
Alameda CTC

Members:
Mayor Mark Green, ACCMA/Alameda CTC
Mayor Jennifer Hosterman, ACCMA/Alameda CTC
Vice Mayor Pete McHugh, VTA

Staff Liaison: Frank R. Furger
Secretary: Christina Muller

AGENDA

1.0 PLEDGE OF ALLEGIANCE

2.0 ROLL CALL

3.0 PUBLIC COMMENT

Members of the public may address the Board 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 Board. Anyone wishing to comment should make their desire known to the Chair.

4.0 MINUTES OF JANUARY 10, 2011* (Page 1)

Action

The Board is requested to approve the attached Minutes of January 10, 2011.

5.0 ADMINISTRATIVE MATTERS

5.1 1st Quarter Financial Update*(Page 5)

Discussion/Action

The JPA Board is requested to review the 1st Quarter Financial summary for the period between September 20, 2010 and December 31, 2011.

**5.2 Authorization for Executive Director to Execute Funding Agreement with
Alameda CTC*(Page 7)**

Action

It is recommended the JPA Board authorize the Executive Director to execute an agreement with the Alameda CTC for expenditure of CMA TIP funds that have previously been programmed for the development and management of the I-680 Express Lane project.

6.0 HOV/ EXPRESS LANE PROJECT STATUS UPDATE

6.1 HOV Widening Status Update**

Information

On behalf of the JPA, ACCMA / Alameda CTC 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. A verbal report will be presented by Caltrans staff at the meeting.

A.0 JOINT MEETING WITH I-580 POLICY ADVISORY COMMITTEE 9:45 A.M.

A.1 Convene joint meeting with I-580 Express Lane Policy Advisory Committee (PAC)

A.2 PAC Roll Call – Confirm PAC Quorum (no action by JPA Board)

A.3 I-680 Express Lane Status Update* (Page 9)

Information

The Express Lane Facility opened on September 20th at 5 am. Attached is a summary of operations of the facility for the first 19 weeks of operations.

A.4 Update on Insurance Requirements for Express Lanes **

Discussion/Action

Staff will provide an up update at the meeting on insurance coverage for the JPA and Alameda CTC related to the Operations of the Express Lane.

A.5 Update on Automated Enforcement Options*(Page 13)

Information

Staff will provide an overview of automated enforcement options for the Express Lane.

A.6 Recess Joint Meeting

7.0 ADJOURNMENT/ NEXT MEETING: MARCH 14, 2011

* 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

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



1333 Broadway, Suites 220 & 300

Oakland, CA 94612

PH: (510) 208-7400

www.AlamedaCTC.org



Directions to the Offices of the Alameda County Transportation Commission:

**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)



**Alameda County
Transportation Commission
1333 Broadway, Suite 220
Oakland, CA 94612**

**SUNOL SMART CARPOOL LANE
JOINT POWERS AUTHORITY
GOVERNING BOARD
MINUTES OF JANUARY 10, 2011**

Chair Supervisor Haggerty convened the Sunol Smart Carpool Lane JPA at 9:40 a.m.

1.0 PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was led by McHugh.

2.0 ROLL CALL

Muller conducted the roll call and confirmed a quorum.

3.0 PUBLIC COMMENT

There was no public comment.

4.0 MINUTES OF NOVEMBER 8, 2010

A motion was made by Hosterman to approve the Minutes of November 8, 2010; a second was made by McHugh. Furger noted that the attached minutes reflected an incorrect date of October 11th, which has been corrected to reflect November 8th. The motion passed unanimously.

5.0 ADMINISTRATIVE MATTERS

5.1 Election of Chair and Vice-Chair

A motion was made by Green to continue with the current Chair (Haggerty) and Vice Chair (Harrison); a second was made by McHugh. There were no other nominations. The nominations were closed. The motion passed unanimously.

5.2 Proposed Changes to the Sunol SMART Carpool Lane Joint Powers Agreement and Administrative Code

Furger requested that the JPA Board review and comment on proposed changes to the Sunol SMART Carpool Lane Joint Powers Agreement and the JPA Administrative Code. The original documents were drafted in 2005, and it was anticipated that both documents would need to be revised once the project was operational. Legal counsel reviewed their memorandum dated January 7, 2011, and summarized the proposed revisions.

Furger informed the Board that the proposed revisions will be distributed to the Alameda CTC and VTA staff for review and comment. Staff will report at the February meeting any comments received from these agencies. Legal counsel noted that once the revised Joint Powers Agreement has been ratified by both Alameda CTC and VTA, the revised Administrative Code will be presented to the JPA Board for action.

Green requested clarification of insurance requirements for the JPA related to liability associated with the operation of the Express Lane. Legal counsel was requested to evaluate the existing insurance coverage and the liability associated with the Express Lane operations. The insurance and indemnification language that is included in the System Integrator contract for both the construction and the maintenance of the Express Lane was reviewed.

Legal Counsel advised the JPA Board that they are communicating directly with insurance brokers (Wells Fargo) and are working to ensure that both the JPA and the ACTC are protected with adequate insurance coverage. After further discussion of existing insurance coverage, the JPA Board requested an update at the next meeting including a comparison of costs and coverage options.

6.0 HOV/ EXPRESS LANE PROJECT STATUS UPDATE

6.1 HOV Widening Status Update**

Emily Landin-Lowe advised the JPA Board that the last roadway contract is on weather suspension. The new target completion date is the summer of 2011.

A.0 JOINT MEETING WITH I-580 POLICY ADVISORY COMMITTEE

A.1 Convene joint meeting with I-580 Express Lane Policy Advisory Committee (PAC)

Chair Haggerty convened the joint meeting with the I-580 Express Lane Policy Advisory Committee (PAC).

A.2 PAC Roll Call – Confirm PAC Quorum (no action by JPA Board)

Muller conducted the roll call and confirmed a quorum.

A.3 I-680 Express Lane Status Update

Furger provided a power point presentation reflecting “15 Week Summary” of the facts and figures collected from September 20, 2010 to December 31, 2010.

Haggerty inquired if there was currently a license plate recognition system in place. Furger advised the JPA Board that he is investigating this technology and will report back to the Board.

Furger discussed the CHP enforcement along the corridor and addressed questions from the Board members on CHP enforcement.

A.4 Summary of Fastrak Promotional Credit

Furger reviewed his memorandum dated December 24, 2010, which summarized the outcome of the Fastrak Promotional Credit.

A. 5 Caltrans Proposed Changes to Managed Lane Policy

Furger requested the I-680 JPA Board and the I-580 Policy Advisory Committee to review and comment on the proposed changes to the Caltrans Managed Lanes Policy and to take an action in support of a change to state statute to provide consistency between the state and federal guidelines for striping standards on managed lanes. A motion was made by Sbranti to approve staff recommendations; a second was made by McHugh. The motion passed unanimously.

A.6 Caltrans Plan for Ramp Metering in the Corridor

Sean Nozzari, Caltrans, presented to the JPA Board a power point presentation of the Ramp Metering Plan for the I-680 Corridor.

A.7 Review of Operations of Other Express Lane Facilities

Due to time constraints Haggerty and staff agreed to skip this item.

A.8 Recess Joint Meeting

Chair Haggerty recessed the Joint Meeting.

7.0 ADJOURNMENT/ NEXT MEETING: FEBRUARY 14, 2011

The next I-680 Sunol Smart Carpool Lane Joint Powers Authority Governing Board is scheduled for February 14, 2011

Attested by:

A handwritten signature in black ink, appearing to read 'Christina Muller', with a long horizontal flourish extending to the right.

Christina Muller,
I-680 JPA Secretary

**SUNOL SMART CARPOOL LANE
JOINT POWERS AUTHORITY
GOVERNING BOARD**

January 10, 2011
ACTIA/CTC Board Room
1333 Broadway, Suite 300, Oakland, CA

MEMBERS	Initials	CMA STAFF	Initials
Supervisor Scott Haggerty, ACTIA, Char JPA	<i>SH</i>	Art Dao, Executive Director	<i>ad</i>
Council Member Bill Harrison, ACTIA, Vice Chair	<i>BH</i>	Frank Furger, Chief Deputy Director	<i>FF</i>
Mayor Mark Green, ACCMA	<i>MG</i>	Ray Akkawi, Mgr of Project Delivery	<i>RA</i>
Mayor Jennifer Hosterman, ACCMA	<i>JH</i>	Christina Muller, Secretary	<i>CM</i>
Vice Mayor Pete McHugh, VTA	<i>PM</i>	Claudia Leyre, Myrna Portillo, Administrative Assistant	<i>CDL</i>

LEGAL COUNSEL/OTHERS	Initials
Zack Wasserman - WRBD <i>Pamela Mink</i>	<i>W</i>
Neal Parish, - WRBD	<i>NP</i>
Leo Scott - Gray-Bowen, Inc	
Emily Landin-Lowe - Caltrans	<i>EL</i>
Mark Zabaneh - Caltrans	

Name	Jurisdiction/Organization	Phone #	E-mail
1. <i>David Seriani</i>	<i>Caltrans</i>	<i>510-286-4653</i>	<i>David.Seriani@caltrans.ca.gov</i>
2. <i>Sean Nozzari</i>	<i>Caltrans</i>	<i>510-286-6345</i>	<i>snozzari@caltrans.ca.gov</i>
3. <i>Adrian Levy</i>	<i>Caltrans</i>	<i>510-622-0109</i>	<i>Adrian.Levy@dot.ca.gov</i>
4. <i>STEVEN JANS</i>	<i>ACTC</i>	<i>510.336-2560</i>	<i>STJANS@ACCMA.CA.GOV</i>
5. <i>Libby Hendrickson</i>	<i>ACTC</i>	<i>350-2331</i>	<i>lhendrickson@accma.ca.gov</i>
6. <i>Ramsey Hissom</i>	<i>URS</i>	<i>408-297-5385</i>	<i>ramsey.hissom@urscorp.com</i>
7. <i>Dawn Argue</i>	<i>Alameda County</i>	<i>925-551-6995</i>	<i>dawn.argue@acgov.org</i>
8. <i>Casey Emoto</i>	<i>VTA</i>	<i>408 321 5564</i>	<i>casey.emoto@vta.org</i>
9. <i>Scott Haywood</i>	<i>VTA</i>	<i>408/321-7544</i>	<i>scott.haywood@vta.org</i>
10. <i>Steve Chan</i>	<i>Milpitas</i>	<i>408 586-3324</i>	<i>schan@ci.milpitas.ca.gov</i>

Memorandum

*February 14, 2011
Agenda Item 5.1*

Date: February 2, 2011
To: **Sunol Smart Carpool Lane JPA**
From: Frank R. Furger, Executive Director
Subject: I-680 Express Lane First Quarter Financial Update

Action Requested

The JPA Board is requested to review and accept the financial statements for the first quarter of operations of the I-680 Express Lane. The first quarter financial statement summarizes expenditures related to Express Lane operations from September 20, 2010 to December 31, 2010.

Discussion

The I-680 Express Lane opened for operations on September 20, 2010. The budget approved by the JPA Board projected toll revenue for the FY 2010 budget year of \$630,000 and identified \$289,200 in operations related expenditures to be funded from toll revenue. An additional \$1.7 million in expenditures related to the first year of start-up and operations was anticipated to be funded with existing state, federal and local grant funds.

Staff from the Alameda CTC are finalizing the first quarter financial statement which will be presented to the JPA Board at the February 14th meeting.

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Memorandum

*February 14, 2011
Agenda Item 5.2*

Date: February 2, 2011

To: **Sunol Smart Carpool Lane JPA**

From: Frank R. Furger, Executive Director

Subject: Authorization for Executive Director to Execute
Funding Agreement with Alameda CTC

Action Requested

It is recommended that the JPA Board Authorize the Executive Director to execute an agreement with the Alameda CTC for expenditure of CMA TIP funds that have previously been programmed for the development and management of the I-680 Express Lane Project.

Discussion

In January 2004 the Alameda County Congestion Management Agency (ACCMA) took an action to program \$1.5 million in CMA TIP funds to the I-680 Corridor Improvements. These funds have been used throughout the development and implementation phase of the project for consultant support, staff support and to match federal funds.

Approximately \$800,000 of the programmed funds have not been expended. These remaining funds are anticipated to be used for staff resources related to the operations and management of the Express Lane, consultant support and project controls.

It is recommended that the JPA Board authorize the Executive Director to execute an agreement with the Alameda CTC that will specify the terms and conditions for expenditure of these funds for an amount not to exceed \$800,000 and for a period of three years.

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Memorandum

February 14, 2011
Agenda Item A.3

Date: February 2, 2011

To: **Sunol Smart Carpool Lane JPA**

From: Frank R. Furger, Executive Director

Subject: I-680 Express Lane: Update on Operations

Attached for the Board's review is a summary of the 19 weeks of operations of the I-680 Express Lanes.

Total Revenue through 19 weeks	\$257,470
Average Daily Revenue	\$ 2,710
Highest Daily Revenue – January 17	\$ 7,428
Total Trips through 19 weeks	120,065
Average Number of Trips per day	1,264
Highest Number of Trips per day – January 20	2,024
Average Toll	\$2.14
Average Peak Period Toll	\$2.41
Average Off Peak Toll	\$0.49
Range of Tolls	\$0.30 - \$7.50

- The 100,000th trip on the Express Lane was taken on January 13th.
- The highest daily trip total to date – 2,024 – was recorded on January 20th
- The highest revenue day to date was recorded on January 17th - \$7,428

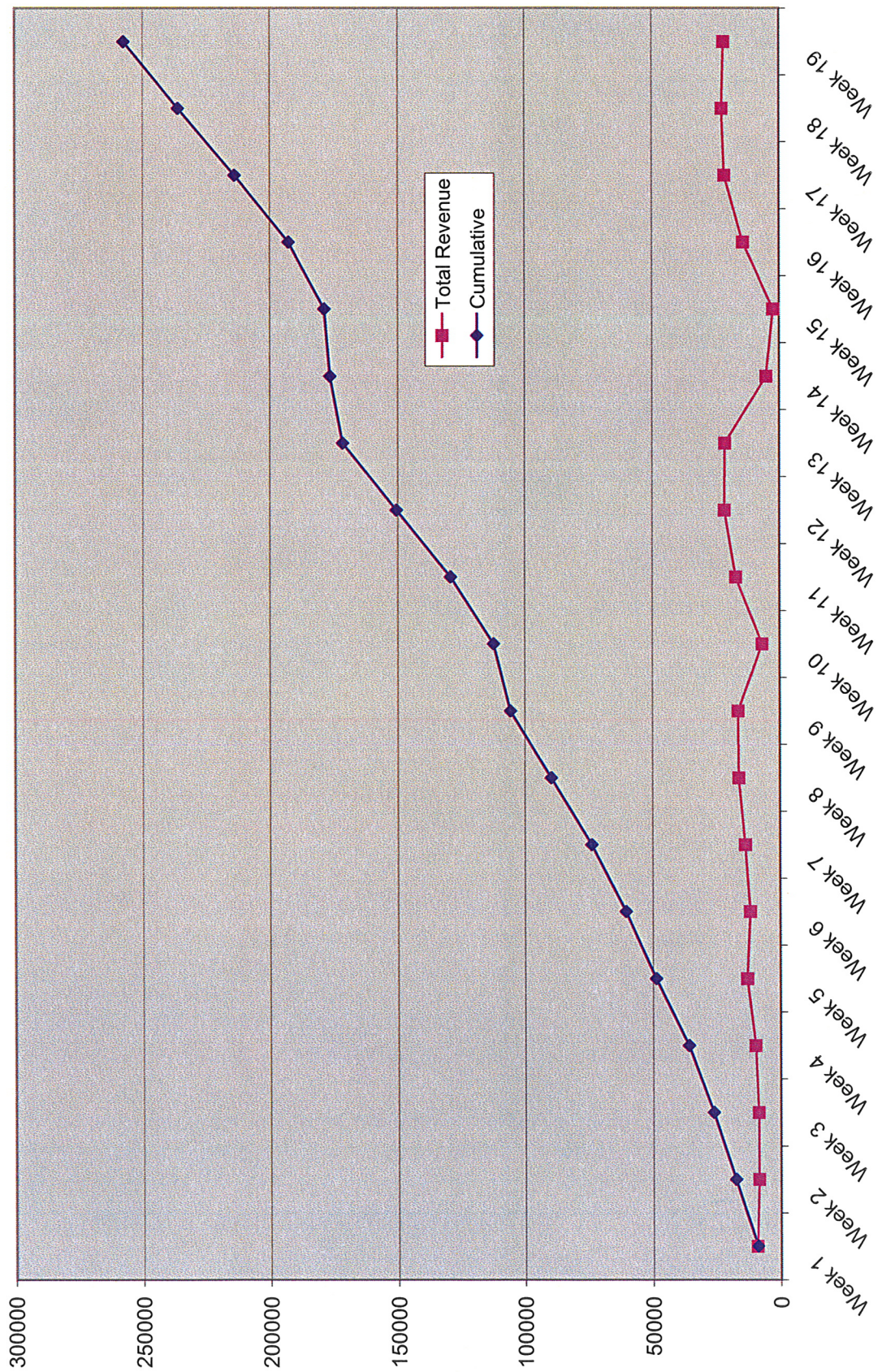
Attachments

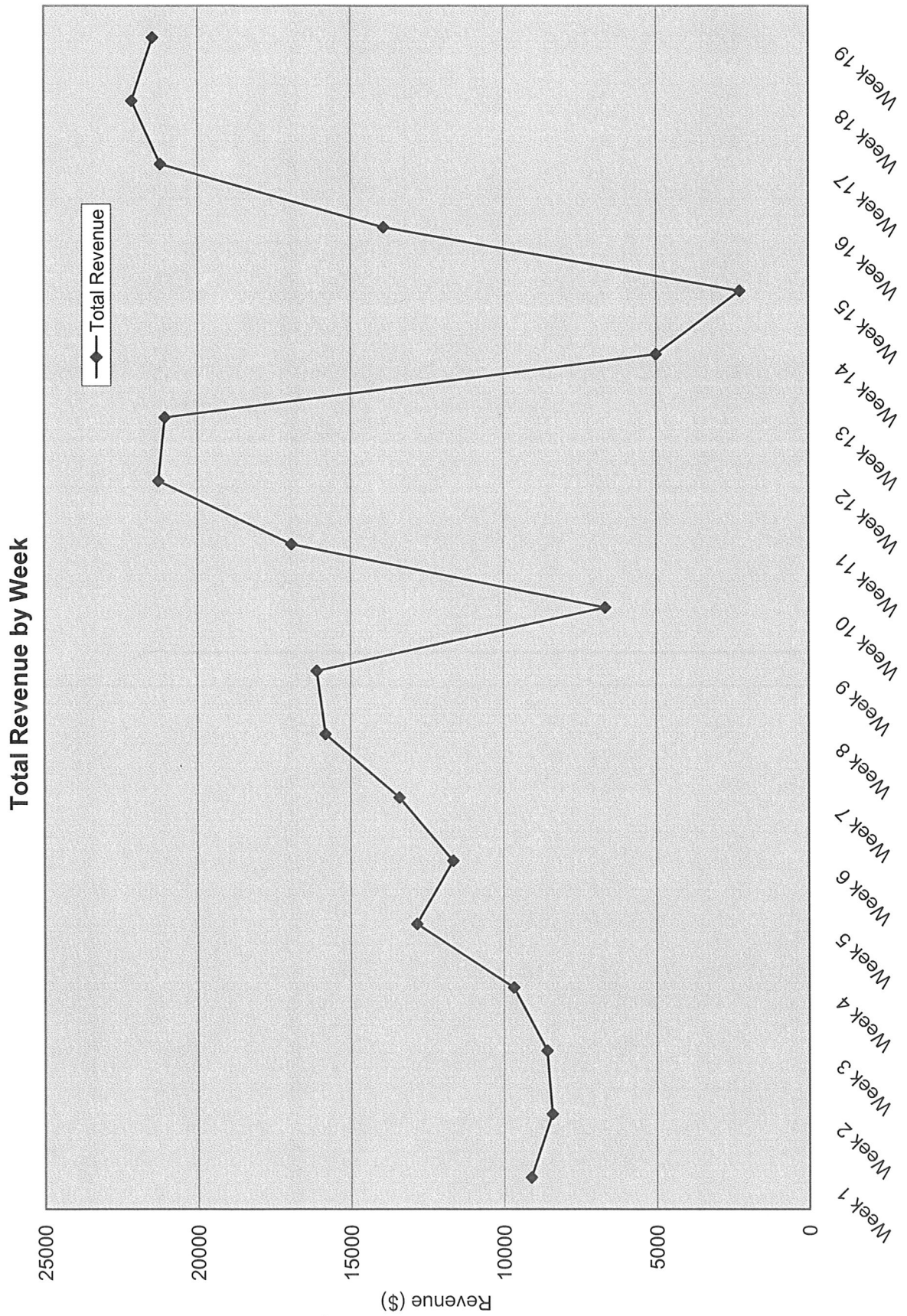
Cumulative Revenue by Week

Total Revenue by Week

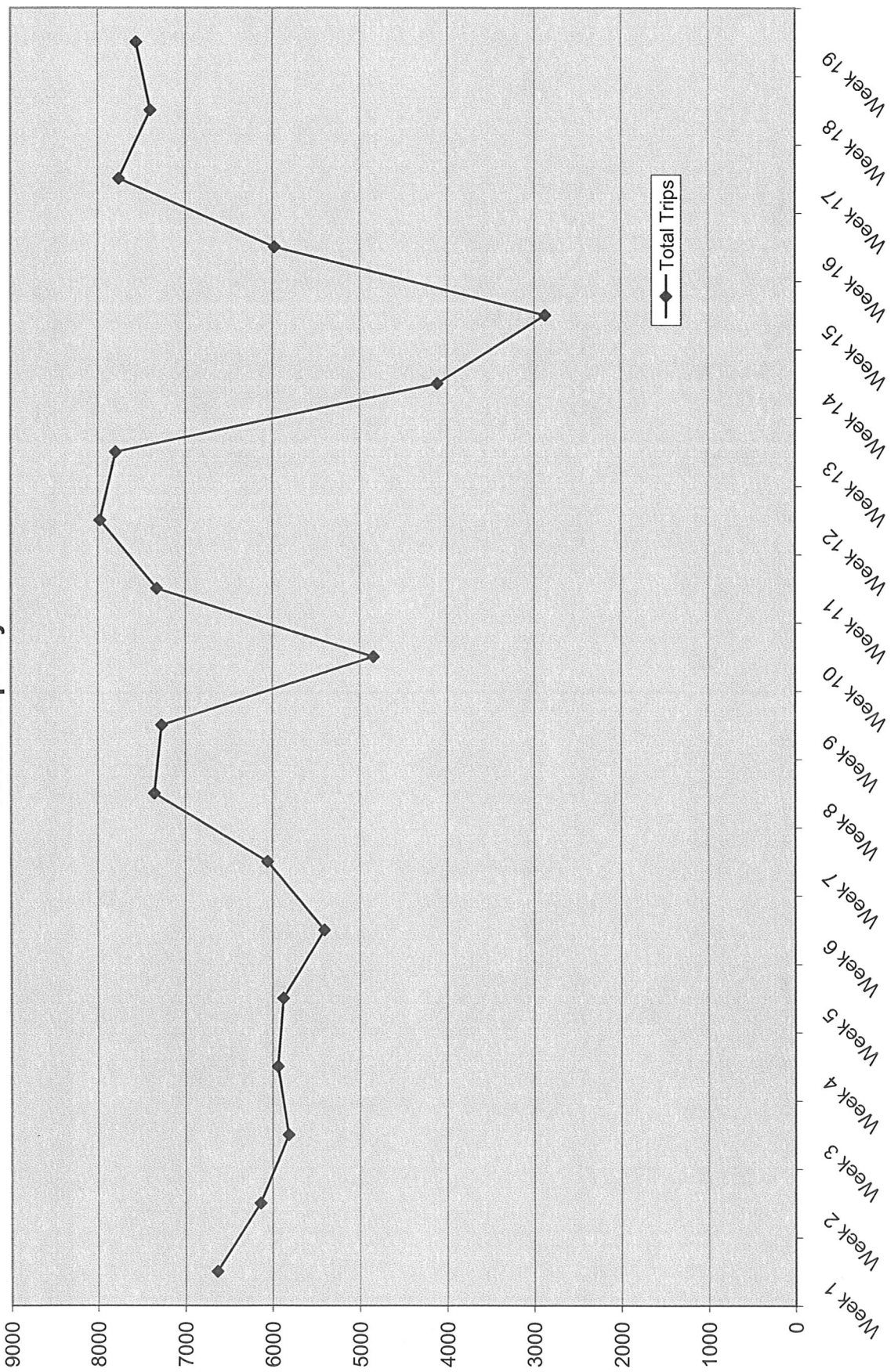
Total Trips by Week

Cumulative Revenue by Week





Total Trips by Week



Memorandum

*February 14, 2011
Agenda Item A.5*

Date: February 2, 2011

To: **Sunol Smart Carpool Lane JPA**

From: Frank R. Furger, Executive Director

Subject: Options for Automated Enforcement of the Express Lane

The enforcement of the Express Lane is currently being performed by the California Highway Patrol (CHP). The agreement between the JPA and the CHP calls for additional CHP enforcement on an overtime basis at a cost of approximately \$300,000 per year.

Staff is investigating the option of automated enforcement that could be implemented on the Express Lane and may allow for reduction in the CHP enforcement costs.

Existing Fastrak Reader and Enforcement Readers

The existing configuration on the I-680 Express Lane has Fastrak readers at each of the 3 toll zones: Andrade, Washington and Mission. These readers are linked to the Toll Data Center (TDC) and the accounts of vehicles passing under the readers with a valid Fastrak transponder are charged the appropriate toll based on the published toll rate and the length of their trip. Additionally, there are readers at each of the 4 enforcement zones. The enforcement zone readers are not linked to the TDC and are used only as an aid to the CHP for enforcement by determining if a vehicle has a valid Fastrak transponder.

With the current configuration, vehicles that enter or exit the lane illegally by crossing over the solid striped buffer can avoid being charged a toll.

Options for Automated enforcement:

Installation of additional readers

- Installation of additional readers and cameras within EL Limits
- All readers are linked electronically
- Vehicles that pass under a reader without a valid tag read at a previous reader would have a picture taken of license plate
- Violation notices would be sent out based on license plate recognition
- Process could identify vehicles that illegally swerve in and out of lane
- Process would not identify non-carpool vehicles that enter the lane without a Fastrak transponder

Installation of field video cameras

- Video cameras are installed at each of the entry points and at intervals throughout the corridor
- Cameras record license plates of all vehicles traversing lane
- Software identifies which license plates were not recorded at entry points or at each successive read zone
- Operator reviews video for possible violators and violation notice is generated
- System is not dependent on vehicle having a Fastrak to identify violators

Installation of vehicle occupancy equipment

- Equipment uses video and infrared technology to determine occupancy of vehicle
- Cameras are placed at entry points and throughout corridor
- Citations issued to SOVs that do not have valid Fastrak transponder
- Technology is still in the developmental stage

Additional information on these options will be presented at the meeting.