



Meeting Notice

1111 Broadway, Suite 800, Oakland, CA 94607

• PH: (510) 208-7400

• www.AlamedaCTC.org

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Executive Director
Arthur L. Dao

I-680 Sunol Smart Carpool Lane Joint Powers Authority

Monday, January 13, 2014, 9:30-10:00 a.m.

**1111 Broadway, Suite 800
Oakland, CA 94607**

Mission Statement

The mission of the Alameda County Transportation Commission (Alameda CTC) is to plan, fund and deliver transportation programs and projects that expand access and improve mobility to foster a vibrant and livable Alameda County.

Public Comments

Public comments are limited to 3 minutes. Items not on the agenda are covered during the Public Comment section of the meeting, and items specific to an agenda item are covered during that agenda item discussion. If you wish to make a comment, fill out a speaker card, hand it to the clerk of the Commission, and wait until the chair calls your name. When you are summoned, come to the microphone and give your name and comment.

Reminder

Please turn off your cell phones during the meeting. Please do not wear scented products so individuals with environmental sensitivities may attend the meeting.

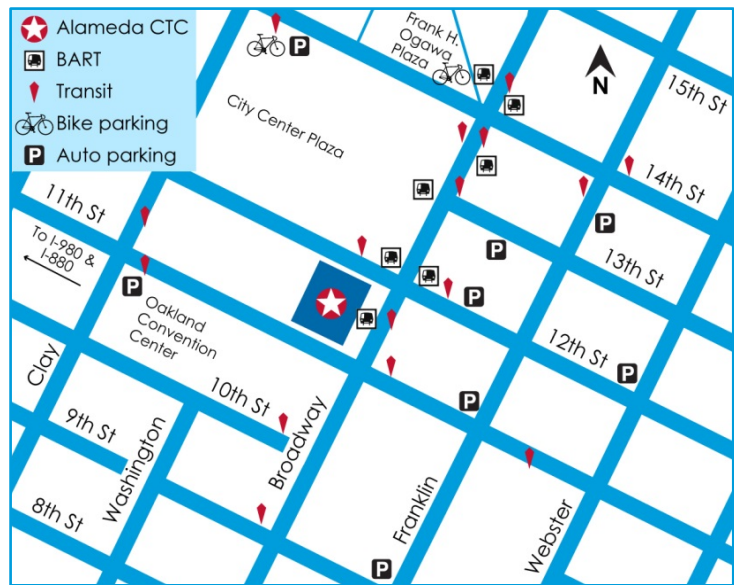
Glossary of Acronyms

A glossary that includes frequently used acronyms is available on the Alameda CTC website at www.AlamedaCTC.org/app_pages/view/8081.

Location Map

★ Alameda CTC
1111 Broadway, Suite 800
Oakland, CA 94607

Alameda CTC is accessible by multiple transportation modes. The office is conveniently located near the 12th Street/City Center BART station and many AC Transit bus lines. Bicycle parking is available on the street and in the BART station as well as in electronic lockers at 14th Street and Broadway near Frank Ogawa Plaza (requires purchase of key card from bikelink.org).



Garage parking is located beneath City Center, accessible via entrances on 14th Street between 1300 Clay Street and 505 14th Street buildings, or via 11th Street just past Clay Street. To plan your trip to Alameda CTC visit www.511.org.

Accessibility

Public meetings at Alameda CTC are wheelchair accessible under the Americans with Disabilities Act. Guide and assistance dogs are welcome. Call 510-893-3347 (Voice) or 510-834-6754 (TTD) five days in advance to request a sign-language interpreter.



Meeting Schedule

The Alameda CTC meeting calendar lists all public meetings and is available at www.AlamedaCTC.org/events/upcoming/now.

Paperless Policy

On March 28, 2013, the Alameda CTC Commission approved the implementation of paperless meeting packet distribution. Hard copies are available by request only. Agendas and all accompanying staff reports are available electronically on the Alameda CTC website at www.AlamedaCTC.org/events/month/now.

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I-680 Sunol SMART Carpool Lane Joint Powers Authority Meeting Agenda Monday, January 13, 2014, 9:30 a.m.

1111 Broadway, Suite 800, Oakland, CA 94607

• PH: (510) 208-7400

• www.AlamedaCTC.org

1. Pledge of Allegiance

2. Roll Call

3. Public Comment

Chair: Bill Harrison, Alameda CTC

Vice Chair: Mayor Jerry Thorne, City of Pleasanton

Commissioners/Members: Scott Haggerty, Gail Price (Santa Clara Valley Transportation Authority), Tim Sbranti

Staff Liaison: Stewart D. Ng

Executive Director: Arthur L. Dao

Clerk: Vanessa Lee

4. Consent Calendar

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- 4.1 [November 4, 2013 I-680 Sunol SMART Carpool Lane JPA Meeting Minutes](#)

1 A

5. Regular Matters

- 5.1. [Sunol SMART Carpool Lane JPA Draft Audited Annual Financial Report for Year Ended June 30, 2013](#)

3 A

- 5.2. [I-680 Southbound Express Lane \(PN 710.5\): Monthly Operations Update](#)

5 I

- 5.3. [I-680 Northbound Express Lane \(PN 721.0\): Monthly Status Update](#)

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6. Committee Member Reports (Verbal)

7. Staff Reports (Verbal)

8. Adjournment

Next Meeting: February 3, 2014

All items on the agenda are subject to action and/or change by the Commission.

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I-680 Sunol SMART Carpool Lane
Joint Powers Authority Meeting Minutes
Monday, November 4, 2013, 9:30 a.m.

4.1

1111 Broadway, Suite 800, Oakland, CA 94607 • PH: (510) 208-7400 • www.AlamedaCTC.org

1. Pledge of Allegiance

2. Roll Call

A roll call was conducted and a quorum was confirmed.

3. Public Comment

There were no public comments.

4. Consent Calendar

4.1. October 14, 2013 I-680 Sunol SMART Carpool Lane JPA Meeting Minutes

4.2. I-680 Southbound Express Lane (PN 710.5): Monthly Operations Update

4.3. I-680 Northbound Express Lane (PN 721.0): Monthly Status Update

Commissioner Haggerty motioned to approve the consent calendar. Commissioner Thorne seconded the motion. The motion passed unanimously.

5. Regular Matters

5.1. Sunol Smart Carpool Lane Statement of Revenues and Expenses for the First Quarter Ended September 30, 2013

Patricia Reavey recommended that the committee approve the Sunol Smart Carpool Lane Statement of Revenues and Expenses for the First Quarter Ended September 30, 2013. She reviewed expenditures related to the Sunol Smart Carpool Lane operations from the beginning of the fiscal year including net toll revenue, expenses and net operating deficits.

Commissioner Sbranti wanted more information on the revenue projections. Patricia stated that the projections were based on past months and the difference between the actual and projected revenue is not significant.

Commissioner Sbranti motioned to approve this Item. Commissioner Haggerty seconded the motion. The motion passed unanimously.

5.2. Sunol Smart Carpool Lane JPA FY2013-14 Budget Update

Patricia Reavey recommended that the committee approve the Sunol Smart Carpool Lane JPA FY2013-14 Budget Update. Patricia stated that the new budget included all operating costs in addition to cost associated from toll revenues.

Commissioner Haggerty motioned to approve this item. Commissioner Sbranti seconded the motion. The motion passed unanimously.

6. Committee Member Reports (Verbal)

There were no committee member reports.

7. Staff Reports (Verbal)

There were no staff reports.

A. Joint Meeting with I-580 Express Lane Policy Committee

A.1 Convene meeting with I-580 Express Lane Policy Committee

A.2 Roll Call to Confirm Quorum

A.3 I-580 Express Lane Projects Workshop: Concept of Operations Review

Tess Lengyel introduced the I-580 Express Lane Projects Workshop. Tess reviewed toll policies and legislation needs related to toll ordinances and toll violation enforcement. Tess also covered agency coordination with BATA and VTA and reviewed the public outreach component which will focus on region-wide collaboration. Tess concluded by providing information on the development of the draft public outreach plan that will be presented to the Commission in later months.

Kanda Raj provided a schedule update on the discussion topics that will come to the committee and he also reviewed the overall corridor schedule over the next several months.

Commissioner Miley wanted to ensure equity issues were considered and expressed concern regarding how the corridor would address congestion as the population in California grows. Art Dao stated that the benefits of the express lanes include congestion relief mechanisms that give the driver options that weren't there previously.

Commissioner Marchand expressed concern regarding public education surrounding the switchable transponders and wanted to ensure that adequate measures are taken to reach out to road users. Tess stated that the public outreach campaign will begin in spring 2014, nearly 18 months ahead of the facility opening in fall 2015 and will continue for another 12 months after the opening date. The partnering agency is expected to make the switchable transponders available for purchase in spring 2015, and staff will coordinate with the local cities in the corridor and the partners in San Joaquin County to reach out and educate the road users. A request for proposal to procure a consultant for implementing the outreach plan is on the Programs and Projects Committee agenda. Staff will provide additional update to the Commission in upcoming months.

This Item was for information only.

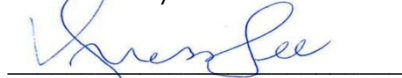
8. Adjournment/ Next Meeting

The meeting adjourned at 10:35 a.m. The next meeting is:

Date/Time: Monday, January 13, 2014 @ 9:30 a.m.

Location: Alameda CTC Offices, 1111 Broadway, Suite 800, Oakland, CA 94607

Attested by:



Vanessa Lee,
Clerk of the Commission



Memorandum

5.1

1111 Broadway, Suite 800, Oakland, CA 94607

• PH: (510) 208-7400

• www.AlamedaCTC.org

DATE: January 6, 2014

SUBJECT: Sunol Smart Carpool Lane Joint Powers Authority Draft Audited Annual Financial Report for the Year Ended June 30, 2013

RECOMMENDATION: Approve the Sunol Smart Carpool Lane Joint Powers Authority Audited Annual Financial Report for the Year Ended June 30, 2013.

Summary

Pursuant to Section 9.2(iv) of the Joint Powers Agreement and Section 6505 of the California Government Code, an independent audit was conducted for the fiscal year ended June 30, 2013 by Vavrinek, Trine, Day & Co. LLP. All financial statements are the responsibility of management. The auditor's responsibility is to express an opinion on the financial statements based on their audit. As demonstrated in the Independent Auditor's Report on page one (1) of the Draft Audited Annual Financial Report, the auditors of the Sunol Smart Carpool Lane Joint Powers Authority (Authority) have reported what is considered to be an unmodified or clean audit.

"In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the Authority as of June 30, 2013, and the respective changes in financial position and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America."

Financial Highlights:

- Total net position decreased by \$304 thousand or 7.1% from \$4.3 million to \$4.0 million as of June 30, 2013 compared to June 30, 2012. This decrease is mostly related to capital assets depreciation. Capital assets comprised \$2.4 million or 59.0% of the total net assets at June 30, 2013.
- As of June 30, 2013, cash and cash equivalents increased by \$0.5 million or 32.1% over June 30, 2012.
- Toll revenue was \$1.3 million during fiscal year 2013, an increase of \$228 thousand or 21.0% over the period of July 01, 2011 through June 30, 2012.

- The Authority's total operating expenses were \$1.6 million during fiscal year 2013, an increase of \$1.3 million or 363.4% over the period of July 01, 2011 through June 30, 2012. While the Alameda County Transportation Commission (Alameda CTC) continues as the managing agency, it no longer funds administrative support costs on behalf of the Authority. Accordingly, these costs were included in the Statement of Revenues, Expenses, and Changes in Net Position beginning July 1, 2012. Operating expenses for fiscal year 2013 were primarily comprised of \$1.4 million of program management operations cost.

Background

As part of the audit process, Vavrinek, Trine, Day & Co., LLP considered the Authority's internal controls over financial reporting in order to design audit procedures. They have not expressed an opinion on the effectiveness of the Authority's internal controls; however Vavrinek, Trine, Day & Co., LLP did not identify any deficiencies in internal controls that would be considered a material weakness.

Fiscal Impact: There is no fiscal impact.

Attachments

- A. [Sunol Smart Carpool Lane Joint Powers Authority "Draft" Audited Annual Financial Report for the Year Ended June 30, 2013](#) (hyperlinked to the website)

Staff Contact

[Patricia Reavey](#), Director of Finance



Memorandum

5.2

1111 Broadway, Suite 800, Oakland, CA 94607

PH: (510) 208-7400

www.AlamedaCTC.org

DATE: January 6, 2014

SUBJECT: I-680 Southbound Express Lane (PN 710.5): Monthly Operations Update

RECOMMENDATION: Receive a monthly operations update on the I-680 Southbound Express Lane.

Summary

The purpose of this item is to provide the JPA Board with the October and November 2013 Monthly Operations Update of the express lane facility. This item is for information only.

Review of daily traffic volume, speed and travel time indicates that the express lane facility assisted in congestion relief and provided reliable travel time for users of the Express Lane during the months of October and November 2013.

While comparing the 2012 and 2013 performance matrices, it is noted that the average daily number of toll paying trips has increased in 2013 by 24 percent. This is an indication that more solo drivers are choosing to utilize the Express Lane, to experience the travel reliability and time savings. While it appears that traffic congestion has returned to the corridor with upward economic activities noted in Silicon Valley, the average travel speed in the Express Lane continues to remain at or above the posted speed limit.

Background

The I-680 Southbound Express Lane opened to traffic in September 2010 and is the first operational express lane facility in Northern California; it is one of a few in the nation to have a shared toll and non-toll facility. The express lane facility spans over 14 miles from SR 84, near Pleasanton, to SR 237 in the City of Milpitas, and admits toll-paying solo drivers in addition to carpoolers (who use the lane at no cost). The express lane optimizes capacity, reduces congestion and increases travel time reliability within the 14 mile corridor.

Constructed within the restricted right-of-way, the facility has no physical barrier between the General Purpose Lanes and the Express Lane, but is separated by a double white stripe. The Alameda CTC, acting as the managing agency for the JPA has been operating the express lane facility since it has opened to traffic in September 2010.

Since the opening, approximate 1.6 million solo drivers have reached their destinations by traveling at speeds that are typically 5-15 miles per hour faster (several segments within the 14 mile corridor experience speed differentials of over 25 miles per hour) than which motorists experience in the general purpose lanes during the peak commute hour. During traffic incidents and/or severe congestion, the Express Lane continued to perform at high level of service conditions without degrading the air quality and congestion benefits provided by the HOV lane, and provided travel time reliability.

Tolls are collected via FasTrak® transponders that are automatically read by readers mounted on overhead gantries. Currently, the I-680 Express Lane includes five FasTrak® readers: one at each toll zone (at Andrade, Washington and Mission), and two at stand-alone enforcement zones (south of Vargas and south of Scott Creek). Readers at the toll zones are linked to the Toll Data Center (TDC). The accounts of vehicles passing through with valid FasTrak® transponders are charged the appropriate toll for the length of their trip, based on the toll rates published via dynamic message signs. Toll rates are calculated by a computerized real-time dynamic pricing model. The enforcement zone readers are not linked to the TDC and are used to aid CHP enforcement by determining if a vehicle has a valid FasTrak® transponder.

The October and November 2013 operational update (daily/monthly trip, travel time and revenue information) is included as Attachment A.

Fiscal Impact: There is no fiscal impact.

Attachments

A. I-680 Southbound Express Lane October / November 2013 Operations Update

Staff Contact

[Stewart Ng](#), Deputy Director of Programming and Projects

[Arun Goel](#), Express Lane Operations

Year Over Year Comparison by Month

	October 2012	October 2013	November 2012	November 2013
	↑ 23% Users			↑ 25% Users
Average Daily Toll Paying Trips	2,312 vehicles	2,835 vehicles	2,093 vehicles	2,606 vehicles

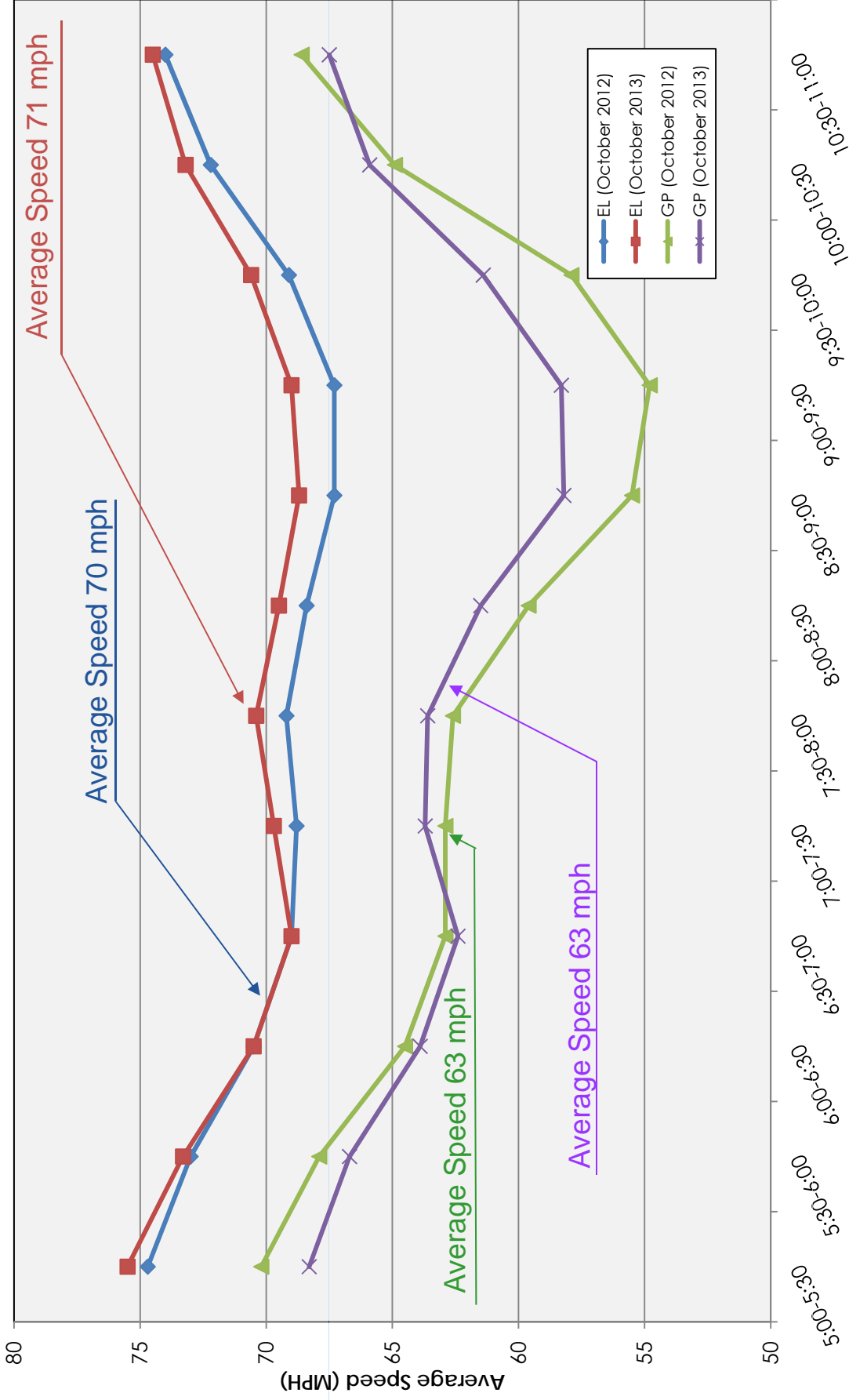
Average Daily Toll Revenue	\$6,772	\$6,833	\$5,786	\$5,717
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Average Toll Rate	\$2.93	\$2.43	\$2.76	\$2.19
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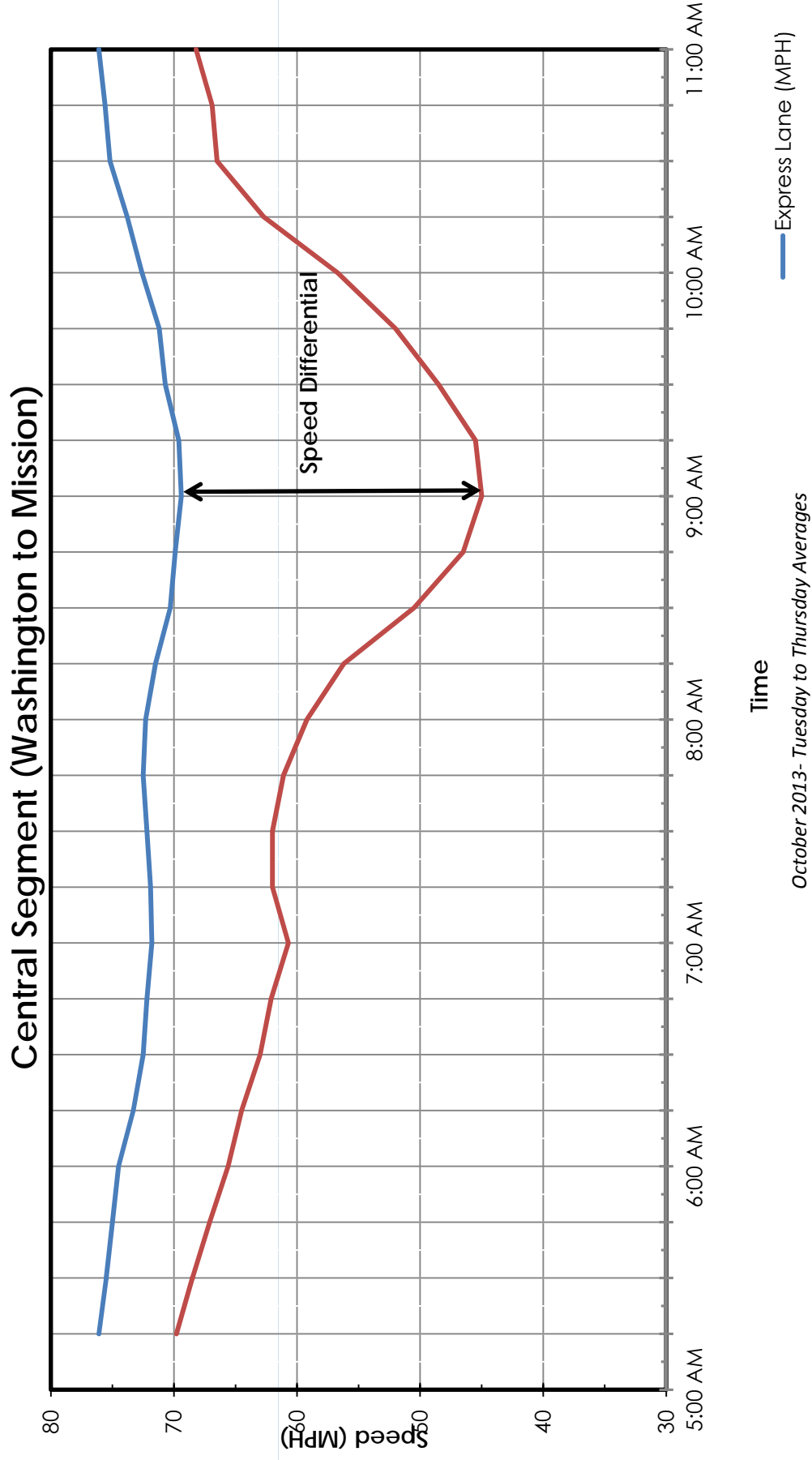
Average Peak Period Toll Rate				
M-F 5AM to 11AM	\$3.52	\$3.02	\$3.48	\$2.85

Average Peak Period Toll Rate				
M-Th 5AM to 9AM	\$3.32	\$2.94	\$3.43	\$2.89

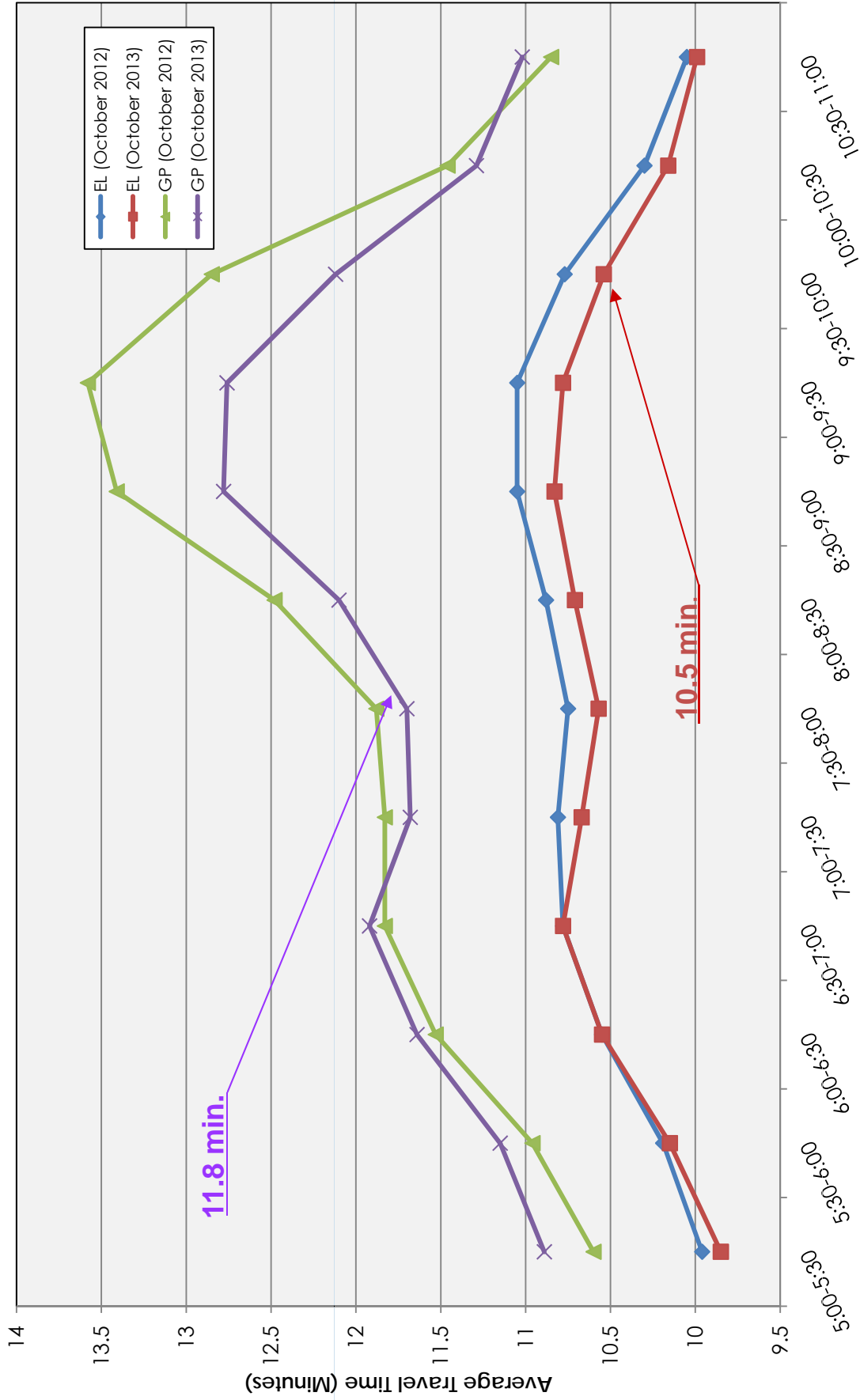
Average Travel Speed During Morning Commute Hours (Within 14-mile Express Lane Facility)



Average Daily Speed Curves During Peak Commute Period (October 2013)

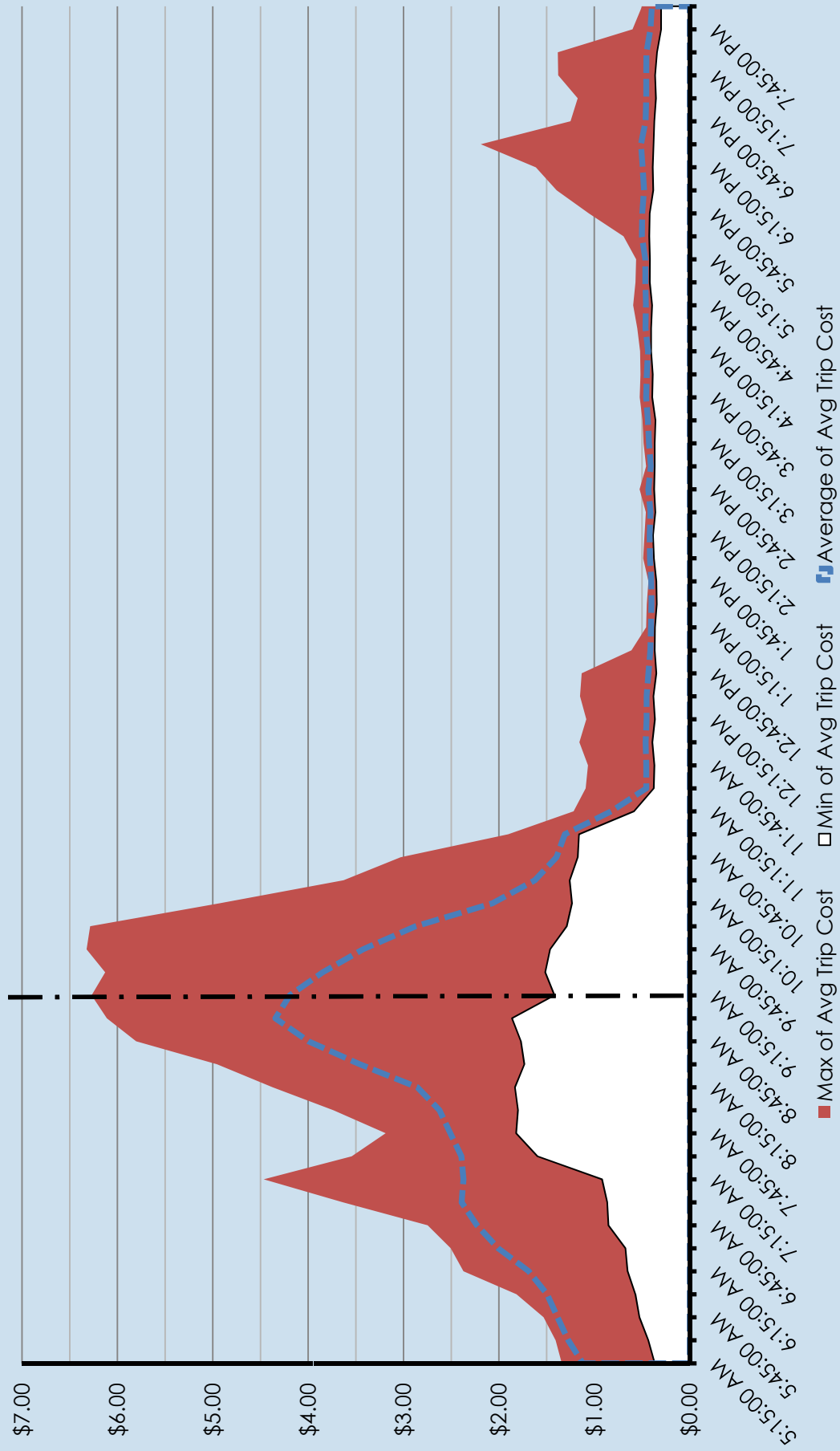


Average Travel Time During Morning Commute Hours (Within 14-mile Express Lane Facility)



Average Toll Range

October 2013
(5 AM to 8 PM)



Revenue (Estimated Gross vs. Forecasted)

Revenue in FY 2013/14
(July to November 2013)

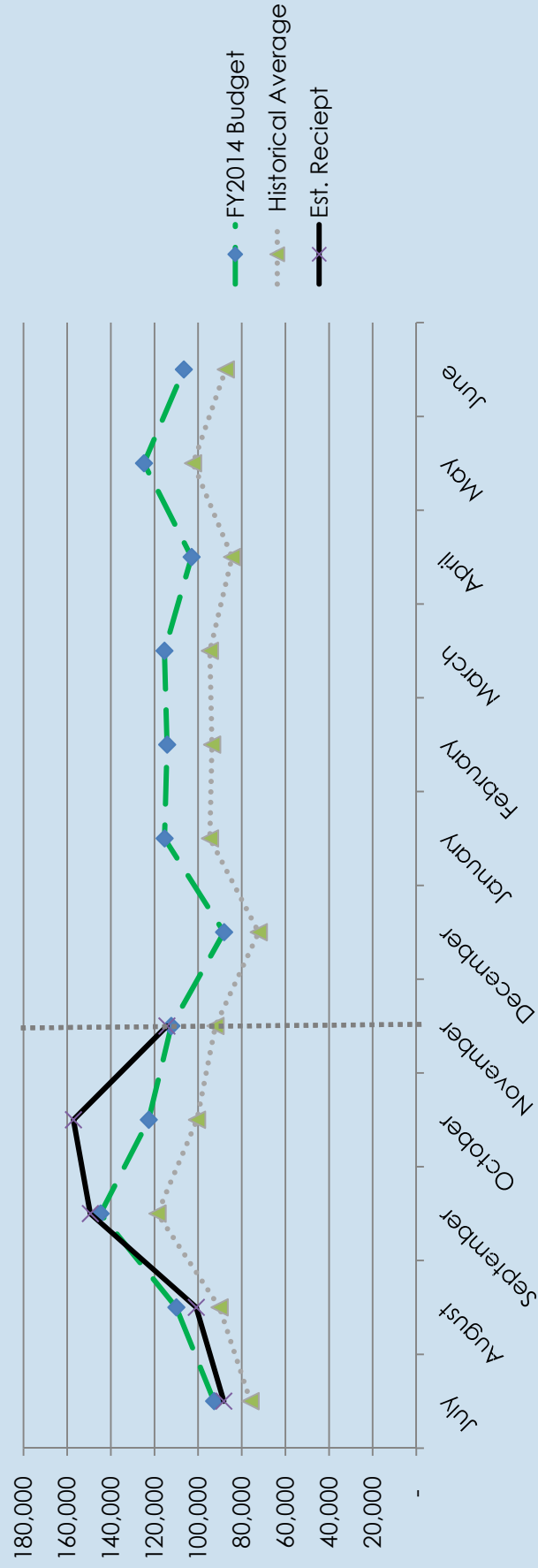
Estimated Gross Revenue

\$610,000

Forecasted*

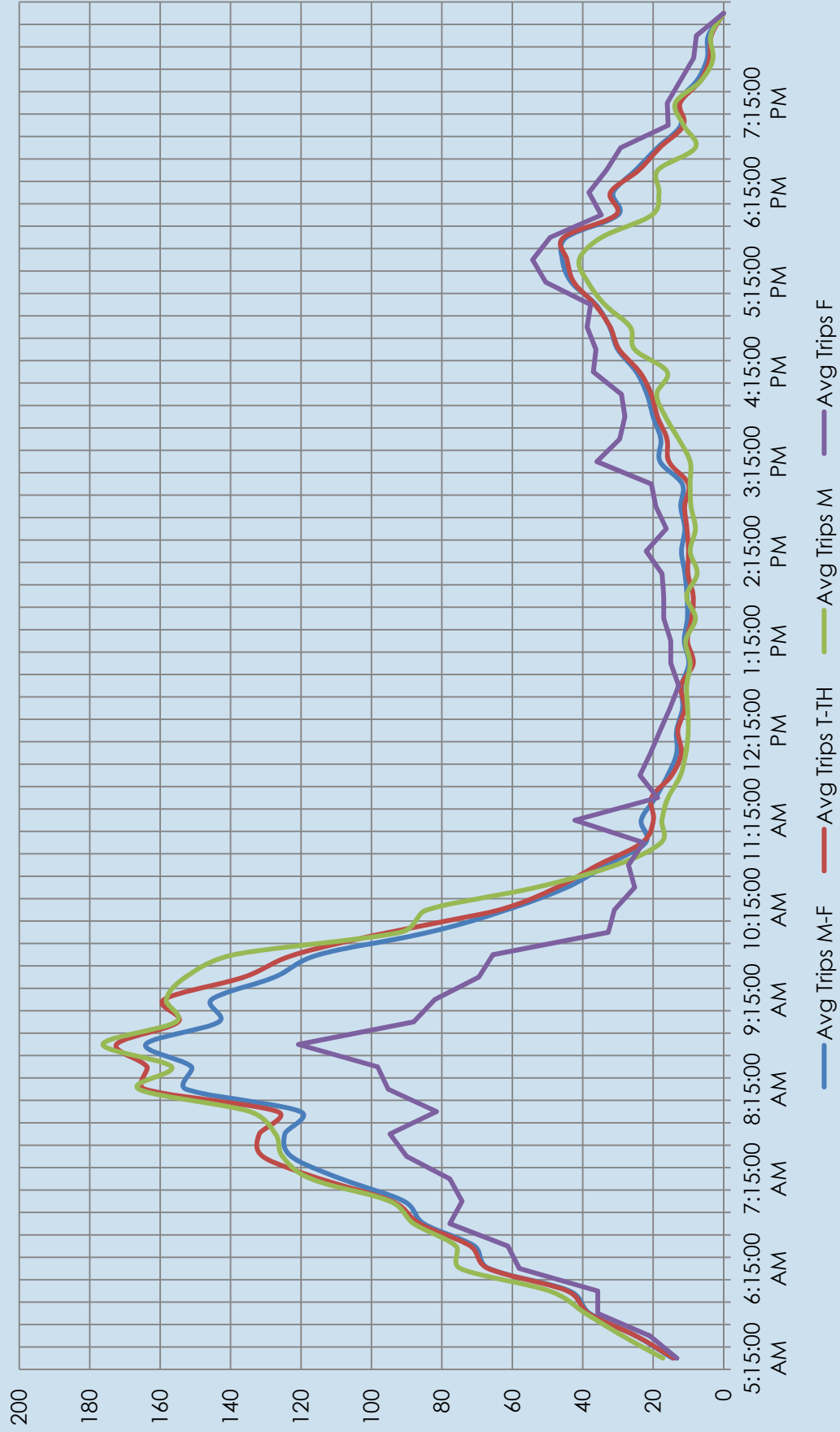
\$582,400

* Forecasted revenue for the full FY 13/14 is \$1,350,000

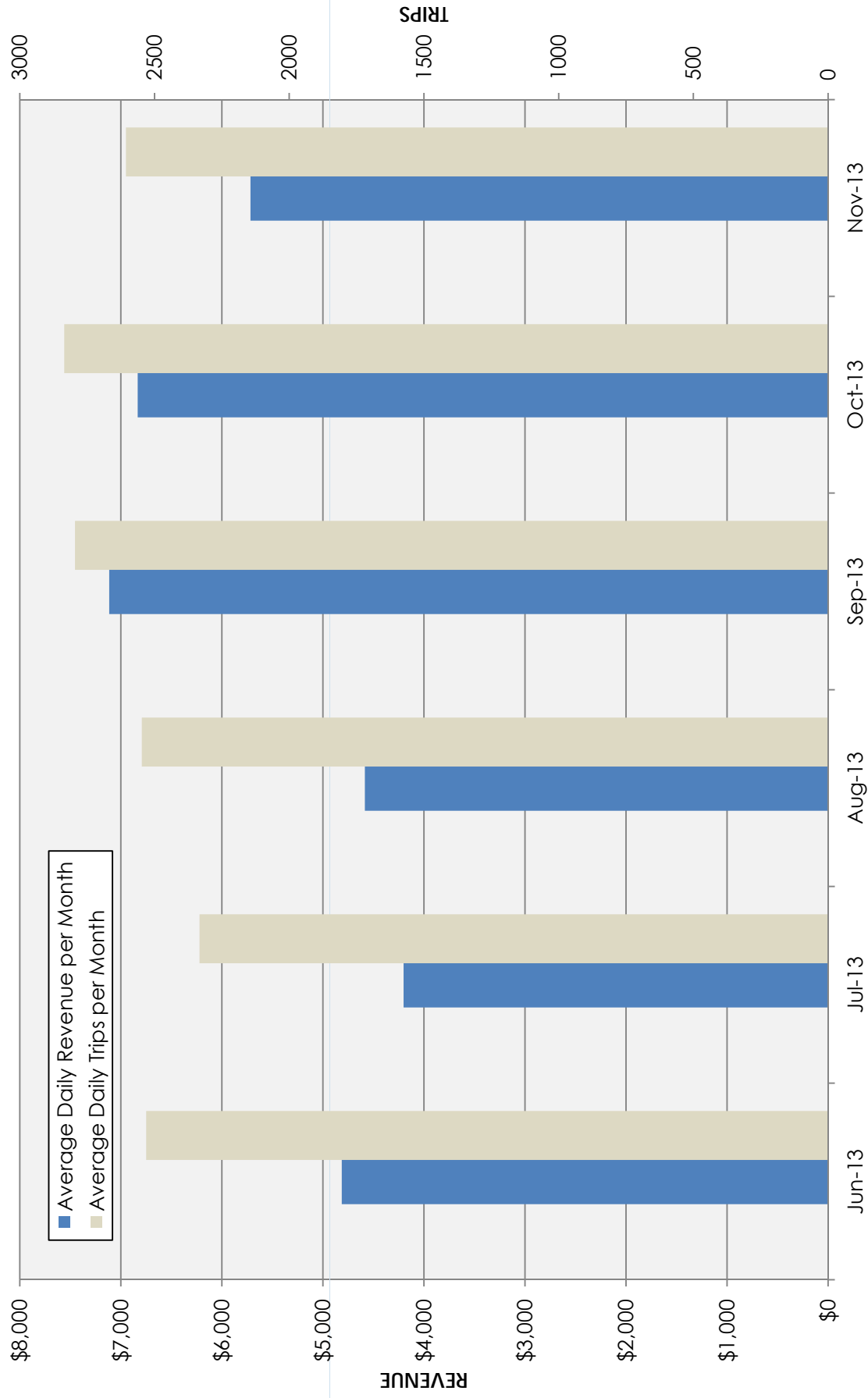


Average Daily Toll Trips

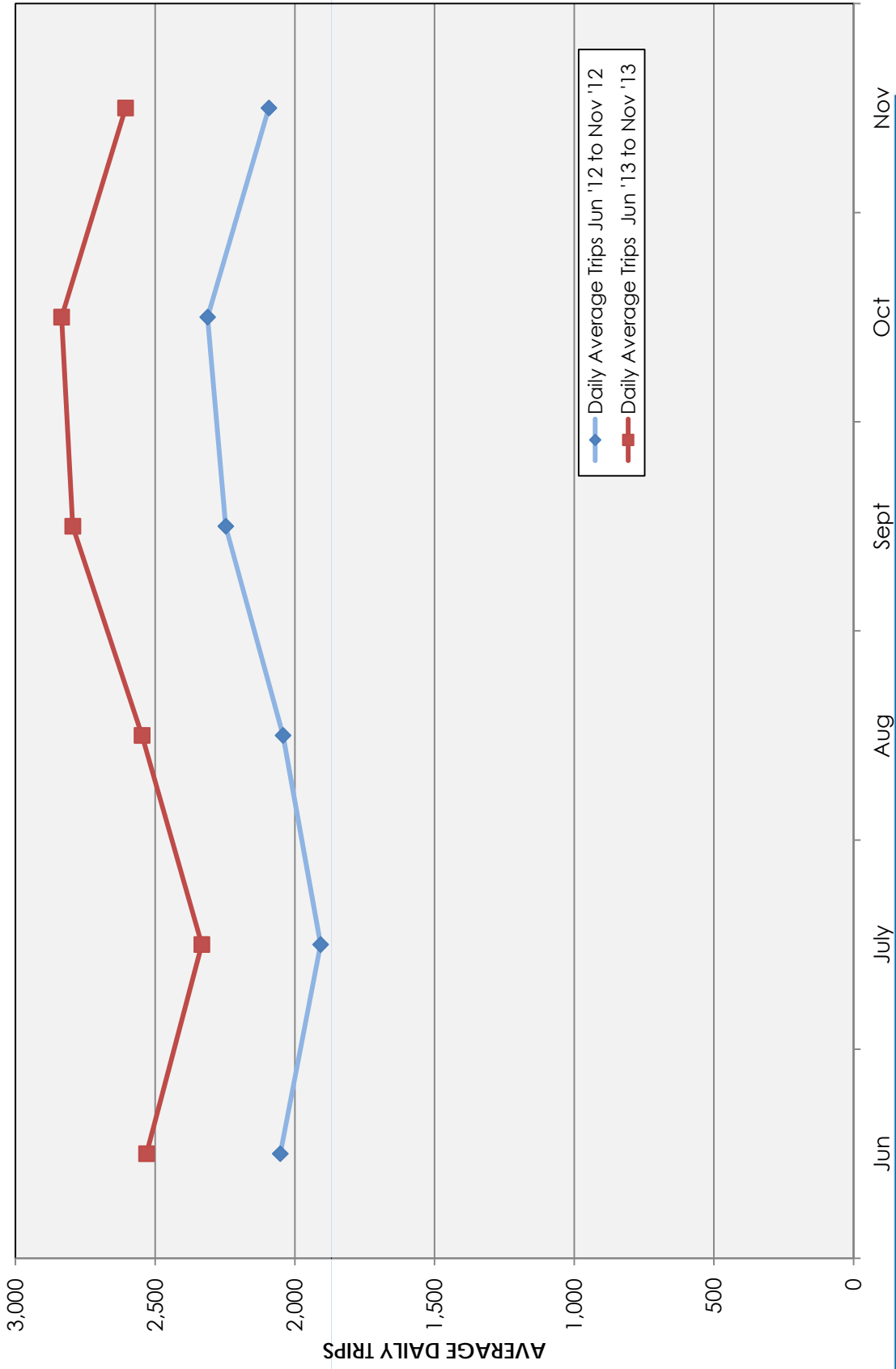
October 2013
(5 AM to 8 PM)



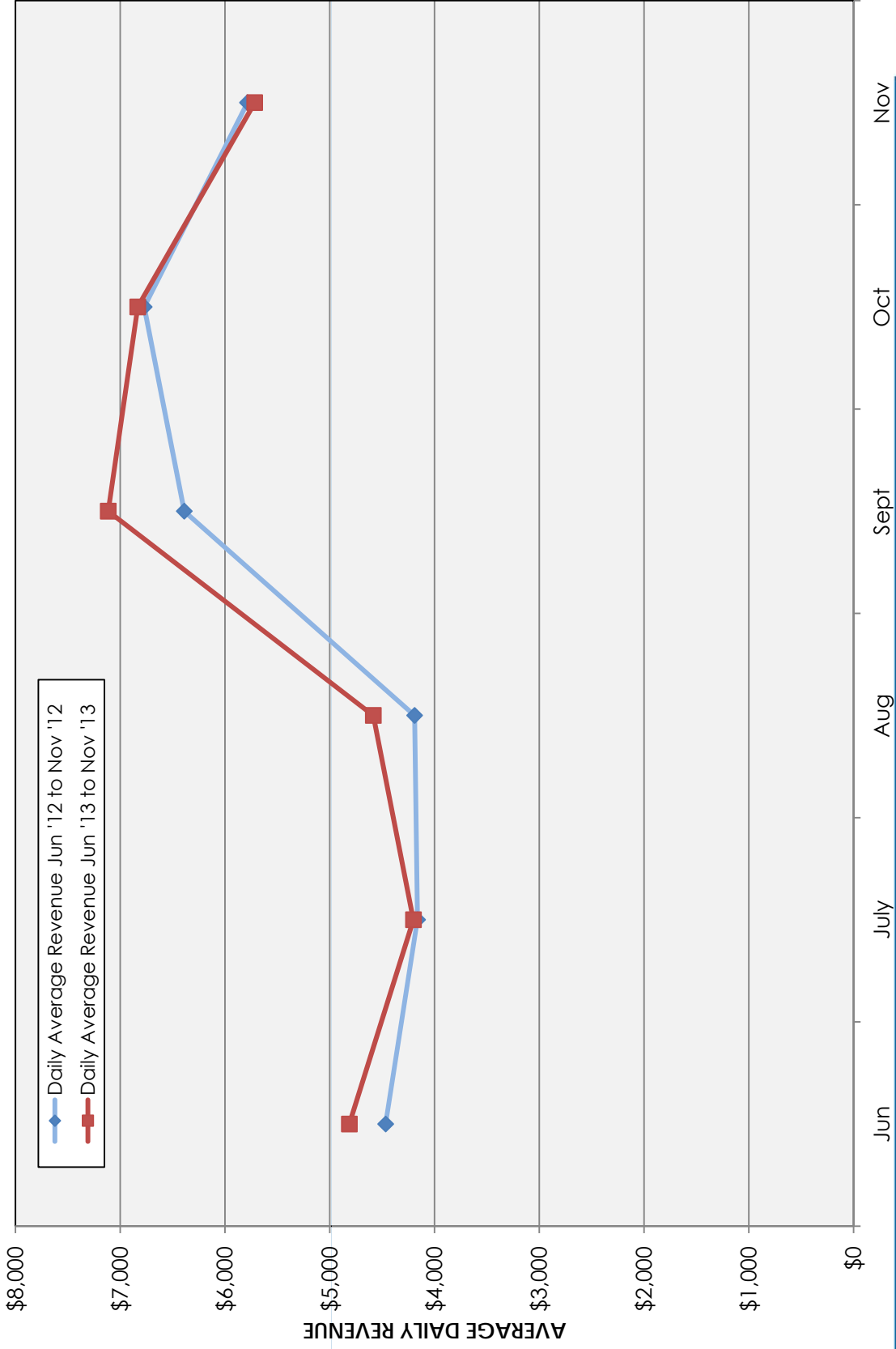
Average Daily Express Lane Revenue & Toll Trip Comparison



Average Daily Express Lane Toll Trips Comparison (Past 6 months)



Average Daily Express Lane Revenue Comparison (Past 6 months)





Questions ?

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Memorandum

5.3

1111 Broadway, Suite 800, Oakland, CA 94607

• PH: (510) 208-7400

• www.AlamedaCTC.org

DATE: January 6, 2014

SUBJECT: I-680 Northbound Express Lane (PN 721.0): Monthly Status Update

RECOMMENDATION: Receive a monthly status update the I-680 Northbound Express Lane Project.

Summary

The I-680 Northbound Express Lane Project will widen I-680 from SR 237 in Santa Clara County to SR 84 in Alameda County and construct a northbound HOV/Express Lane in the corridor. The purpose of this item is to provide the Commission with a monthly status update of project development activities which are either completed or planned for the project. This item is for information only.

Background

The I-680 Northbound Express Lane Project will widen I-680 from SR 237 in Santa Clara County to SR 84 in Alameda County and construct a northbound HOV/Express Lane in the corridor. The project is intended to provide a number of benefits including: 1) enhanced mobility by reducing traffic congestion; 2) reduced travel time and improved travel reliability; 3) reduced congestion related accidents; thereby enhancing safety. The Express Lane facility will utilize available HOV lane capacity by offering solo drivers the choice to pay a toll electronically to access the lane, while regular carpool users continue to use the lane at no cost.

Based on the August 2011 Alameda County Superior Court's ruling on a previously approved project within the same corridor, the project team consulted Caltrans and local cities and determined that the current phase studies should complete a Project Initiation Document and a higher level of environmental analyses for the project. The higher level environmental document requires expanded preliminary engineering, traffic analysis, and technical studies, to obtain environmental clearance for the project.

The Project Team continues to make progress toward completing a final environmental document by summer 2015. The following is a detailed discussion of in progress and/or upcoming major tasks.

Traffic Studies

A Traffic Operational Analysis Report documenting existing traffic conditions analysis, traffic forecasts, and the highway operations analysis has been approved. The team will be using traffic operational analysis to determine project implementation phases, access type and perceived effects on local arterials. This report documents the existing, Year 2020 and Year 2040 traffic conditions for both the "Build" and the "No Build" alternatives.

Environmental Technical Studies

All environmental technical field surveys are complete. A list of required technical studies is included in Attachment A of this report. Technical reports for all of the environmental studies are complete and approved.

Environmental Document

Administrative Draft Environmental Document (DED) has been submitted for Caltrans review. Various cycles of internal agency reviews by both Alameda CTC and Caltrans, are expected prior to publishing the DED for public review and comment. Public circulation of the DED and completion of a final document are expected in August 2014 and July 2015, respectively.

Project Approval

The Project Report (PR) process is underway. The Draft PR will document the need for the project and summarize the studies, cost, scope, and overall impact of project alternatives; and its approval is required prior to releasing a DED for public circulation and agency reviews. A Draft PR is planned for completion in August 2014. After the public and agency review process is complete and a preferred alternative is selected by the project development team, the Draft PR will be updated to become the Final PR. Completion of a Final PR indicates Caltrans, FHWA and Alameda CTC approval of the project. Final PR approval for this project is anticipated in July 2015.

Project Implementation Approach

The Project Report and Environmental Document include studies and analysis for both the full project limits (SR 237 to SR 84) and an initial phase of construction (Auto Mall Parkway to SR 84). The limits for the initial phase of construction are based on immediate operational benefits and projected funding availability.

Fiscal Impact: There is no fiscal impact.

Attachments

- A. List of Planned Project Tasks/Technical Studies

Staff Contact

[Stewart Ng](#), Deputy Director of Programming and Projects

[Gary Sidhu](#), Project Controls Team

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ATTACHMENT A: LIST OF PLANNED PROJECT TASKS/TECHNICAL STUDIES

ID	DELIVERABLE	STATUS
PRELIMINARY ENGINEERING		
1	PSR-PDS	Approved
TRAFFIC STUDIES		
2	Traffic Data Collection	Complete
3	Existing Conditions Assessment	Approved
4	Model Validation	Approved
5	Traffic Forecasts	Approved
6	Preliminary Traffic Operations Sensitivity Analysis	Complete
7	Traffic Operations Analysis	Complete
8	Traffic Operations Analysis Report (TOAR)	Approved
9	Traffic & Revenue Study	Complete
ENVIRONMENTAL STUDIES		
10	Public Scoping Report	Approved
11	Biological Field Surveys	Complete
12	Bat Species Study	Approved
13	Jurisdictional Wetlands Report	Approved
14	California Red Legged Frog Study	Approved
15	Special Status Plant Species Study	Approved
16	Natural Environment Study (NES)	Awaiting Approval
17	Biological Assessment	Underway
18	Biological Opinion	
19	Water Quality Assessment	Approved
20	Location Hydraulic Study	Approved
21	Initial Site Assessment	Approved
22	Air Quality PM 2.5 Assessment	Complete
23	Air Quality and Greenhouse Gas Analysis Report	Approved
24	Noise Surveys	Complete
25	Noise Impact Report	Approved
26	<i>Noise Abatement Decision Report (NADR)</i>	Awaiting Approval
27	Visual Impact Assessment	Approved
28	Community Impact Assessment	Awaiting Approval
29	APE Mapping	Approved
30	Archaeological Survey Report (ASR)	Approved
31	Historic Architectural History/Built Resources Report (HRER)	Approved
32	Historic Property Survey Report (HPSR)	Approved
33	Paleontological Identification and Evaluation Report	Approved
34	Preliminary Geological Assessment	Approved

ID	DELIVERABLE	STATUS
ENVIRONMENTAL DOCUMENT		
35	Project Description	Complete
36	1 st Admin DEIR/EA	Complete
37	2 nd Admin DEIR/EA	
38	3 rd Admin DEIR/EA	
39	DEIR/EA	
40	1 st Draft FEIR/EA	
41	2 nd Draft FEIR/EA	
42	3 rd Draft FEIR/EA	
43	FEIR/EA	
PROJECT APPROVAL		
44	Geometric Design	Complete
45	Roadway Plans	Complete
46	Traffic Safety Assessment	Complete
47	Fact Sheets (Mandatory and Advisory)	Draft Complete
48	Value Analysis Study	Complete
49	Storm Water Data Report	Awaiting Approval
50	Pavement Life Cycle Cost Analysis	Awaiting Approval
51	Hydromodification Assessment Report (included in Item 19)	Approved
52	Utility Coordination	Ongoing
53	R/W Engineering	Complete
54	Advance Planning Study - Bridges	Draft Complete
55	Advance Planning Study - Special Retaining Walls	Draft Complete
56	Preliminary Foundation Report	Draft Complete
57	Preliminary Geotechnical Report	Approved
58	Encroachment Policy Variance Request (Utilities)	Draft Complete
59	Structures Aesthetics Guidelines	Complete
60	Conceptual Landscape Plan	Complete
61	Cost Estimate	Complete
62	1 st Administrative Draft Project Report	Complete
63	2 nd Administrative Draft Project Report	
64	3 rd Administrative Draft Project Report	
65	DPR	
66	Final Project Report	