

Meeting Agenda

Bay Area Infrastructure Financing Authority

Authority Members:

Jake Mackenzie, Chair Amy R. Worth, Vice Chair

*Federal D. Glover, Scott Haggerty, James P. Spering
Non-Voting Member: Bijan Sartipi*

Wednesday, September 27, 2017

9:35 AM

Board Room - 1st Floor

This meeting is scheduled to be webcast live on the Metropolitan Transportation Commission's Web site: <http://mtc.ca.gov/whats-happening/meetings> and will take place at 9:35 a.m. or immediately following the 9:30 a.m. BATA meeting.

1. Roll Call/Confirm Quorum

Quorum: A quorum of this Authority shall be a majority of its regular voting members (3).

2. Consent Calendar

- 2a. [17-2723](#) Minutes of the June 28, 2017 meeting

Action: Authority Approval

Attachments: [2a_06-28-2017_BAIFA_Draft_Minutes_Ver1.pdf](#)

3. Approval

- 3a. [17-2724](#) Cooperative Agreement Amendment - Express Lanes Civil Project
Delivery: I-680 Northern Segment in Contra Costa County: Contra Costa
Transportation Authority (\$34,549,000)

Action: Authority Approval

Presenter: Lisa Klein

Attachments: [3a_CoopAgreement_CCTA_I-680_Construction.pdf](#)

4. Information

- 4a. [17-2727](#) I-680 Express Lanes
- Report on opening and operations of the I-680 Contra Costa Express Lanes.
- Action:** Information
- Presenter:** Lisa Klein
- Attachments:** [4a I-680 Express Lane Operations .pdf](#)

5. Public Comment / Other Business

6. Adjournment / Next Meeting

The next meeting of the Bay Area Infrastructure Financing Authority will be held on October 25, 2017 at the Bay Area Metro Center, 375 Beale Street, San Francisco, CA.

Public Comment: The public is encouraged to comment on agenda items at Authority meetings by completing a request-to-speak card (available from staff) and passing it to the Authority secretary. Public comment may be limited by any of the procedures set forth in Section 3.09 of MTC's Procedures Manual (Resolution No. 1058, Revised) if, in the chair's judgment, it is necessary to maintain the orderly flow of business.

Meeting Conduct: If this meeting is willfully interrupted or disrupted by one or more persons rendering orderly conduct of the meeting unfeasible, the Chair may order the removal of individuals who are willfully disrupting the meeting. Such individuals may be arrested. If order cannot be restored by such removal, the members of the Authority may direct that the meeting room be cleared (except for representatives of the press or other news media not participating in the disturbance), and the session may continue.

Record of Meeting: Authority meetings are recorded. Copies of recordings are available at a nominal charge, or recordings may be listened to at MTC offices by appointment. Audiocasts are maintained on MTC's Web site (mtc.ca.gov) for public review for at least one year.

Accessibility and Title VI: MTC provides services/accommodations upon request to persons with disabilities and individuals who are limited-English proficient who wish to address Commission matters. For accommodations or translations assistance, please call 415.778.6757 or 415.778.6769 for TDD/TTY. We require three working days' notice to accommodate your request.

可及性和法令第六章: MTC 根據要求向希望來委員會討論有關事宜的殘疾人士及英語有限者提供服務/方便。需要便利設施或翻譯協助者，請致電 415.778.6757 或 415.778.6769 TDD / TTY。我們要求您在三個工作日前告知，以滿足您的要求。

Acceso y el Título VI: La MTC puede proveer asistencia/facilitar la comunicación a las personas discapacitadas y los individuos con conocimiento limitado del inglés quienes quieran dirigirse a la Comisión. Para solicitar asistencia, por favor llame al número 415.778.6757 o al 415.778.6769 para TDD/TTY. Requerimos que solicite asistencia con tres días hábiles de anticipación para poderle proveer asistencia.

Attachments are sent to Authority members, key staff and others as appropriate. Copies will be available at the meeting.

All items on the agenda are subject to action and/or change by the Authority. Actions recommended by staff are subject to change by the Authority.



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 17-2723 **Version:** 1 **Name:**

Type: Minutes **Status:** Consent

File created: 6/22/2017 **In control:** Bay Area Infrastructure Financing Authority

On agenda: 9/27/2017 **Final action:**

Title: Minutes of the June 28, 2017 meeting

Sponsors:

Indexes:

Code sections:

Attachments: [2a_06-28-2017_BAIFA_Draft_Minutes_Ver1.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:
Minutes of the June 28, 2017 meeting

Recommended Action:
Authority Approval



Bay Area Metro Center
375 Beale Street
San Francisco, CA 94105

Meeting Minutes

Bay Area Infrastructure Financing Authority

Authority Members:

Jake Mackenzie, Chair Amy R. Worth, Vice Chair

Federal D. Glover, Scott Haggerty, James P. Spering

Non-Voting Member: Bijan Sartipi

Wednesday, June 28, 2017

10:40 AM

Board Room - 1st Floor

Call Meeting to Order

1. Roll Call/Confirm Quorum

Present: 5 - Commissioner Glover, Commissioner Haggerty, Chair Mackenzie, Commissioner Spering and Vice Chair Worth

Non-voting member absent: Commissioner Sartipi

2. Consent Calendar

Approval of the Consent Calendar

Upon the motion by Commissioner Spering and the second by Vice Chair Worth, the Consent Calendar was unanimously approved by the following vote:

Aye: 5 - Commissioner Glover, Commissioner Haggerty, Chair Mackenzie, Commissioner Spering and Vice Chair Worth

2a. [17-2641](#) Minutes of the May 24, 2017 meeting

Action: Authority Approval

2b. [17-2642](#) Contract - On-Call Transportation and Engineering Services: Contra Costa I-680 Martinez to Walnut Creek Express Lane Before and After Evaluation: Iteris, Inc. (\$300,000)

Action: Authority Approval

Presenter: Winnie Chung

- 2c. [17-2643](#) Purchase Order - Electric Service for I-680 Express Lanes and Backhaul Communications Network Operations: PG&E (\$229,000 plus a \$34,000 contingency)

Action: Authority Approval

Presenter: Megan Nangle

- 2d. [17-2644](#) Purchase Order - Backhaul Network Engineering Services: SSP Data (\$300,000)

Action: Authority Approval

Presenter: Mark Dinh

3. Authority Approval

- 3a. [17-2645](#) BAIFA Resolution No. 16 - FY 2017-18 Express Lanes Program Operating Budget

A request for the approval of BAIFA Resolution No. 16, the FY 2017-18 Operating Budget.

Action: Authority Approval

Presenter: Brian Mayhew

Upon the motion by Vice Chair Worth and the second by Commissioner Spering, BAIFA Resolution No. 16, FY 2017-18 Express Lanes Program Operating Budget was unanimously approved. The motion carried by the following vote:

Aye: 5 - Commissioner Glover, Commissioner Haggerty, Chair Mackenzie, Commissioner Spering and Vice Chair Worth

- 3b. [17-2646](#) I-880 Express Lanes
i. BAIFA Resolution No. 9, Revised - Express Lane Program Expenditure Plan

A recommendation to amend the Expenditure Plan based on updates to the I-880 Express Lanes project cost. The Expenditure Plan designates funds in the BATA Express Lanes Capital Budget for specific express lane corridor projects.

- ii. Contract - I-880 Express Lanes Civil Construction: Flat Iron West (\$44,875,182 plus a contingency of \$10,739,546)

A request to approve a contract for civil construction services of the I-880 Express Lanes.

Action: Authority Approval

Presenter: Lisa Klein

Ken Bukowski was called to speak.

Upon the motion by Commissioner Spering and the second by Commissioner Glover, BAHA Resolution No. 9, Revised, Express Lane Program Expenditure Plan was unanimously approved. The motion carried by the following vote:

Aye: 5 - Commissioner Glover, Commissioner Haggerty, Chair Mackenzie, Commissioner Spering and Vice Chair Worth

Upon the motion by Commissioner Spering and the second by Commissioner Haggerty, the contract with Flat Iron West was unanimously approved. The motion carried by the following vote:

Aye: 5 - Commissioner Glover, Commissioner Haggerty, Chair Mackenzie, Commissioner Spering and Vice Chair Worth

- 3c. [17-2692](#) Contract Amendment - On-Call Design Services: Regional Express Lane Network: I-880 Plans, Specifications and Estimate and Design Support Services: HDR Engineering, Inc. (\$817,700)

Recommendation to approve a contract amendment for design services during construction of the civil elements of the I-880 Express Lanes.

Action: Authority Approval

Presenter: Peter Lee

Upon the motion by Vice Chair Worth and the second by Commissioner Spering, the contract amendment with HDR Engineering, Inc. was unanimously approved. The motion carried by the following vote:

Aye: 5 - Commissioner Glover, Commissioner Haggerty, Chair Mackenzie, Commissioner Spering and Vice Chair Worth

4. Public Comment / Other Business

5. Adjournment / Next Meeting

The next meeting of the Bay Area Infrastructure Financing Authority will be held on July 26, 2017 at the Bay Area Metro Center, 375 Beale Street, San Francisco CA 94105.



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 17-2724 **Version:** 1 **Name:**

Type: Contract **Status:** Authority Approval

File created: 6/22/2017 **In control:** Bay Area Infrastructure Financing Authority

On agenda: 9/27/2017 **Final action:**

Title: Cooperative Agreement Amendment - Express Lanes Civil Project Delivery: I-680 Northern Segment in Contra Costa County: Contra Costa Transportation Authority (\$34,549,000)

Sponsors:

Indexes:

Code sections:

Attachments: [3a CoopAgreement CCTA I-680 Construction.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

Cooperative Agreement Amendment - Express Lanes Civil Project Delivery: I-680 Northern Segment in Contra Costa County: Contra Costa Transportation Authority (\$34,549,000)

Presenter:

Lisa Klein

Recommended Action:

Authority Approval



Bay Area Infrastructure Financing Authority
Bay Area Metro Center
375 Beale Street, Suite 800
San Francisco, CA 94105
TEL 415.778.6700
WEB www.mtc.ca.gov

Memorandum

TO: BAIFA

DATE: September 13, 2017

FR: Executive Director

W. I. 6845

RE: Cooperative Agreement Amendment – Express Lanes Civil Project Delivery: I-680 Northern Segment in Contra Costa County: Contra Costa Transportation Authority (\$34,549,000)

Staff requests BAIFA to authorize an amendment to the cooperative agreement with the Contra Costa Transportation Authority (CCTA) for delivery of civil improvements for I-680 Express Lanes in an amount not to exceed \$34,549,000. This funding is for civil roadway construction to extend the I-680 Express Lane between Rudgear Road and Marina Vista in the southbound direction.

Background

BAIFA and CCTA are partnering to deliver express lane projects on the I-680 corridor in three projects shown in Attachment 1.

1. The first express lanes will open this fall on the “Southern Segment”, between Walnut Creek and San Ramon in the northbound and southbound directions.
2. The second project, the subject of the cooperative agreement amendment, will extend the southbound express lanes to the “Northern Segment” of I-680 between the Benicia Bridge and Walnut Creek. The project will convert an existing HOV lane from Marina Vista Avenue to North Main Street to an express lane (Southbound Conversion) and construct a new lane from North Main Street to Rudgear Road (Southbound HOV Completion). When coupled with BAIFA’s I-680 Southern Segment express lane project, this results in a continuous express lane on I-680 southbound from Martinez to the Alameda County line. This project is funded in BAIFA’s Express Lanes Program Expenditure Plan (BAIFA Resolution No. 9, Revised) and the civil construction contract will be ready to advertise in early 2018. Once construction is complete, BAIFA will operate the express lane.
3. The third project, not presently funded, will implement express lanes on the “Northern Segment” in the northbound direction. This project includes a challenging gap from the express lanes in the Southern Segment (project #1) to the existing high-occupancy vehicle lanes beginning at SR-242. MTC and CCTA are pursuing funding for “Innovate 680,” a set of technology, operational and capacity strategies to complete the express lanes and improve operations.

The Express Lane Program Expenditure Plan includes \$51,288,000 in BATA Express Lane Funds for the Northern Segment express lanes in the southbound direction (project #2). CCTA is the lead agency to deliver the civil roadway improvements, and BAIFA is the lead agency to deliver the toll system and backhaul communications network. The table below slows a total allocation of \$38,100,000 in BATA Express Lane Funds to CCTA. The total includes a contribution of \$5,945,000 for the new lane from

North Main Street to Rudgear Road (Southbound HOV Completion); other funds for this part of the project include Regional Measure 2, State Transportation Improvement Program and Measure J.

CCTA has reviewed project costs and contingency based on the current bid environment, including the I-880 civil construction bids BAIFA received in June 2017. Nonetheless, there remains considerable uncertainty about bid prices and the impacts of Hurricane Harvey in Texas, which has potential to drive up the costs of oil and labor.

**Table 1: BATA Express Lane Funds for I-680 Northern Segment, Southbound Project
(thousands)**

	Total	Funds to CCTA
1. Southbound HOV Completion (Construction) (CCTA lead)	\$5,945	\$5,945
2. Southbound Conversion – Total	\$45,343	\$32,155
Civil design/right-of-way (CCTA lead)	\$2,486	\$2,486
Civil construction (CCTA lead)	\$29,669	\$29,669
Toll system/backhaul (BAIFA lead)	\$13,188	
Total	\$51,288	\$38,100

In June 2015, BAIFA authorized a cooperative agreement with CCTA for an initial amount of \$3,551,000 to fund design and right of way phases for the express lane conversion. These phases are nearly complete with a forecast expenditure of \$2,486,000 in Express Lane Funds. The unspent funds will be applied to the construction phase. This cooperative agreement amendment will provide the balance of BATA Express Lane funds to CCTA for the civil construction contract as shown below:

Funds authorized by BAIFA in June 2015	\$3,551,000
<u>Funds in this amendment</u>	<u>\$34,549,000</u>
Total funds to CCTA	\$38,100,000

Recommendation

Staff recommends that BAIFA authorize the Executive Director or his designee to negotiate and enter into an amendment to the cooperative agreement with CCTA in a not-to-exceed amount of \$34,549,000 for the civil construction of the I-680 Northern Segment – Southbound express lane from Marina Vista Avenue to Rudgear Road.

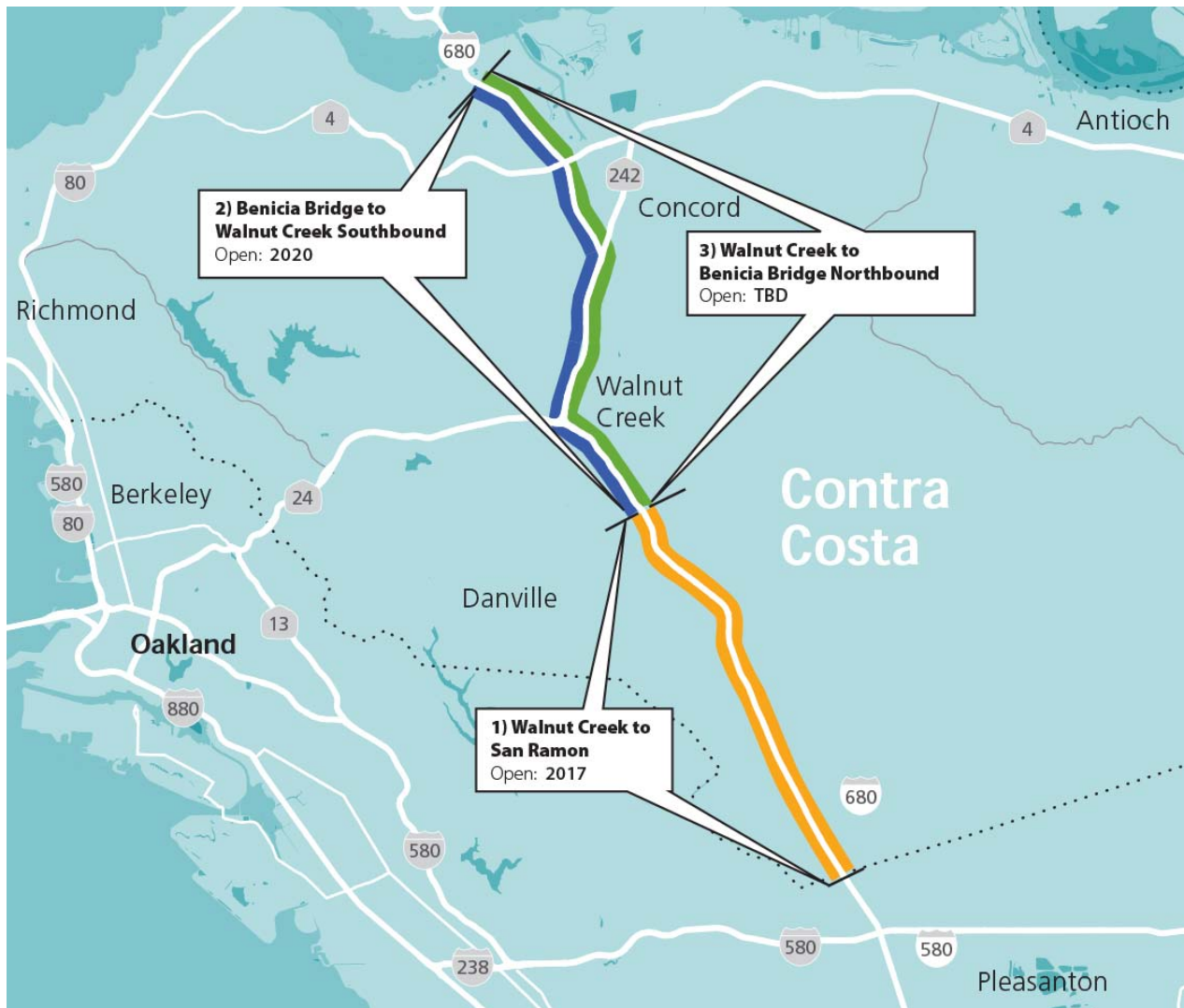


Steve Heminger

SH:lk
Attachments

Attachment 1

I-680 Express Lane in Contra Costa County



REQUEST FOR AUTHORITY APPROVAL

Summary of Proposed Cooperative Agreement Amendment

Work Item No.: 6845

Agency: Contra Costa Transportation Authority

Work Project Title: Express Lanes Civil Project Delivery: I-680 Northern Segment in Contra Costa County

Purpose of Project: Undertake civil project delivery for express lanes in the I-680 Northern Segment in Contra Costa County in order to manage traffic, maximize lane capacity, provide a reliable trip, and encourage carpools and transit.

Brief Scope of Work: Perform civil project delivery including environmental clearance, design, right-of way and construction phases for I-680 Northern Segment Express Lanes in Contra Costa County.

Project Cost Not to Exceed: Current Agreement: \$3,551,000
Amendment Amount: \$34,549,000
Revised Agreement: \$38,100,000

Funding Source: BATA Express Lanes Capital Project Budget

Fiscal Impact: Funding is included in the Express Lane Capital Project Budget, as adopted in the FY 2017-18 Toll Bridge Program Operating and Capital Budgets (BATA Resolution No. 122).

Motion by Authority: That the Executive Director or his designee is authorized to negotiate and enter into a cooperative agreement amendment with Contra Costa Transportation Authority as described above and in the Executive Director's memorandum dated September 13, 2017, and the Chief Financial Officer is directed to set aside funds in the amount of \$34,549,000 for such for such cooperative agreement amendment.

BAIFA:

Jake Mackenzie, Chair

Approved: Date: September 27, 2017

Legislation Details (With Text)

File #:	17-2727	Version:	1	Name:	
Type:	Report	Status:		Informational	
File created:	6/22/2017	In control:		Bay Area Infrastructure Financing Authority	
On agenda:	9/27/2017	Final action:			
Title:	I-680 Express Lanes				

Report on opening and operations of the I-680 Contra Costa Express Lanes.

Sponsors:

Indexes:

Code sections:

Attachments: [4a I-680 Express Lane Operations .pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

I-680 Express Lanes

Report on opening and operations of the I-680 Contra Costa Express Lanes.

Presenter:

Lisa Klein

Recommended Action:

Information



Bay Area Infrastructure Financing Authority
Bay Area Metro Center
375 Beale Street, Suite 800
San Francisco, CA 94105
TEL 415.778.6700
WEB www.mtc.ca.gov

Memorandum

TO: BAIFA

DATE: September 13, 2017

FR: Executive Director

W. I. 6840

RE: I-680 Express Lanes

The I-680 Contra Costa Express Lanes between Walnut Creek and San Ramon, sometimes called the "Southern Segment," are scheduled to open this fall. A number of final preparations are now in progress. This includes toll system testing to ensure correct trip building and tolling, notifying customers to get FasTrak[®], and training staff for the Regional Operations Center located in the Bay Area Metro Center. The last steps prior to opening will be replacement of high occupancy vehicle signs and diamond markings with those for express lanes.

At your September meeting, staff will provide the latest news on opening and operation of the lanes, including expectations for tolls, traffic and performance monitoring, and a more specific schedule for opening the lanes.



Steve Heminger

SH: lk

I-680 Contra Costa Express Lanes are Coming October 9!



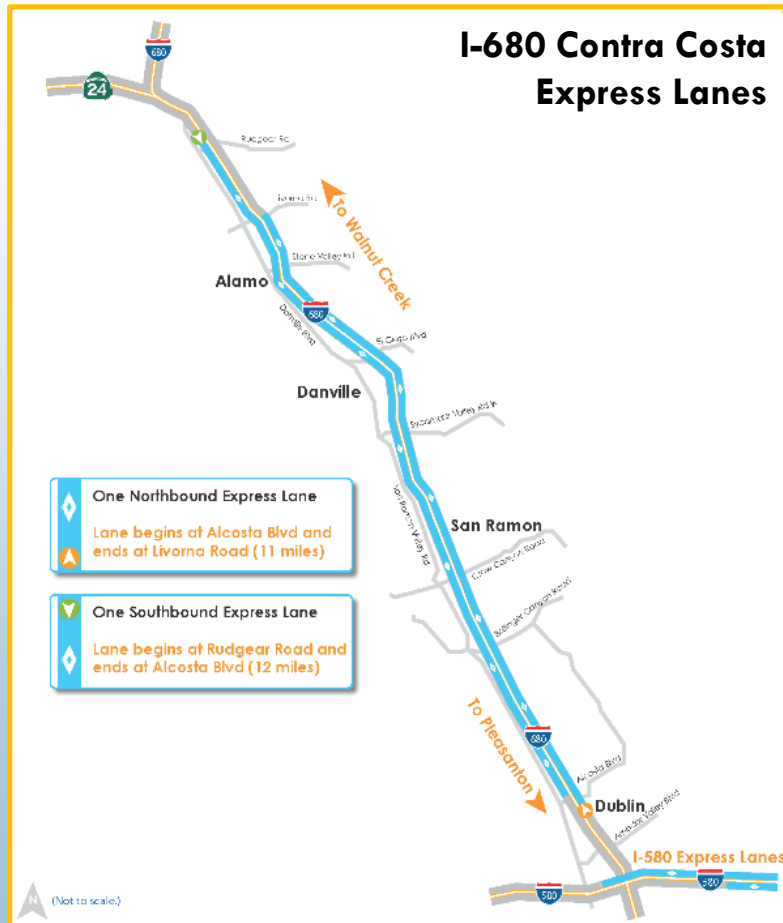
Bay Area Infrastructure Financing Authority

September 27, 2017



METROPOLITAN TRANSPORTATION COMMISSION

Growing the Regional Network



BAY AREA EXPRESS LANES

Final Preparations in Progress

Get FasTrak® Messaging



Toll System Testing & Regional Operations Center Staff Training



Pavement Markings & Signage

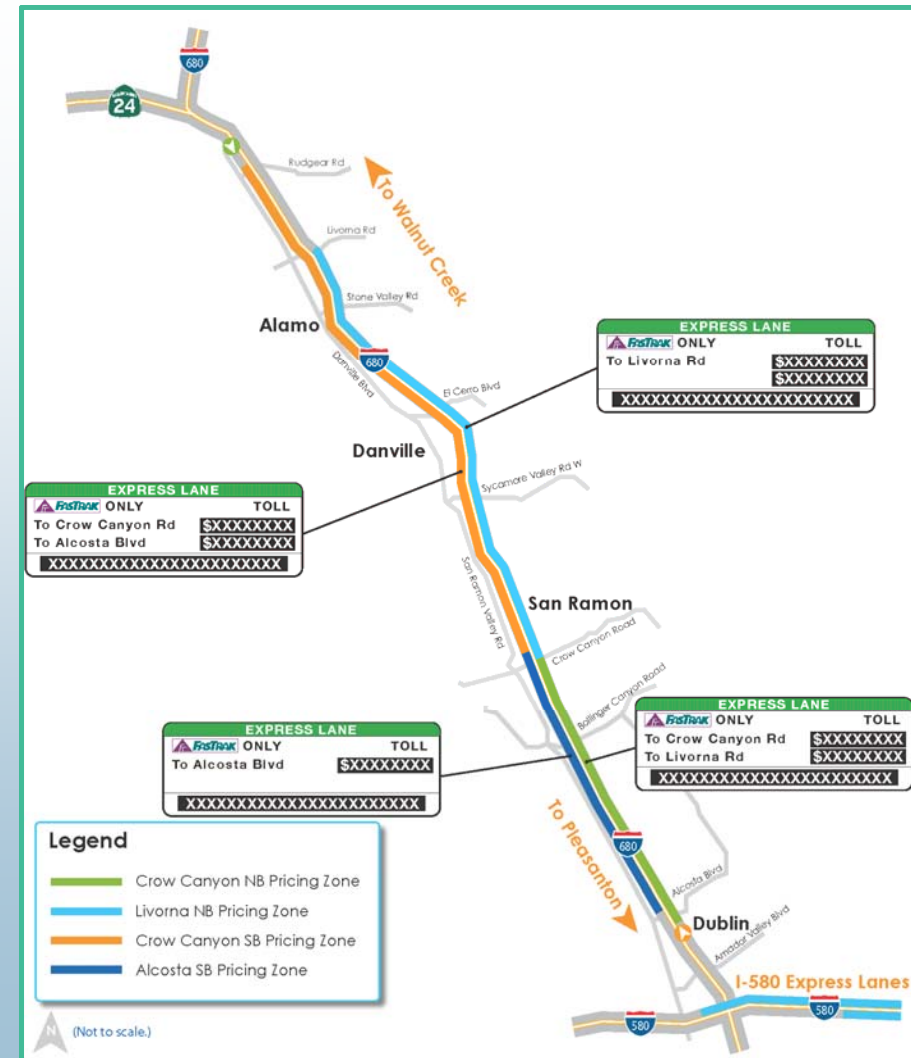


BAY AREA **EXPRESS LANES**

Tolling

- 5 AM to 8 PM, like I-580 and I-680 Sunol
- Toll minimum: \$0.50
- Toll maximum: set by supply and demand
- Drivers pay the price they see when they enter the lane
- 2 toll zones in each direction

EXPRESS LANE		
 ONLY		TOLL
To Crow Canyon Rd		\$1.00
To Livorna Rd		\$3.00
HOV REQUIRES FASTRAK FLEX		

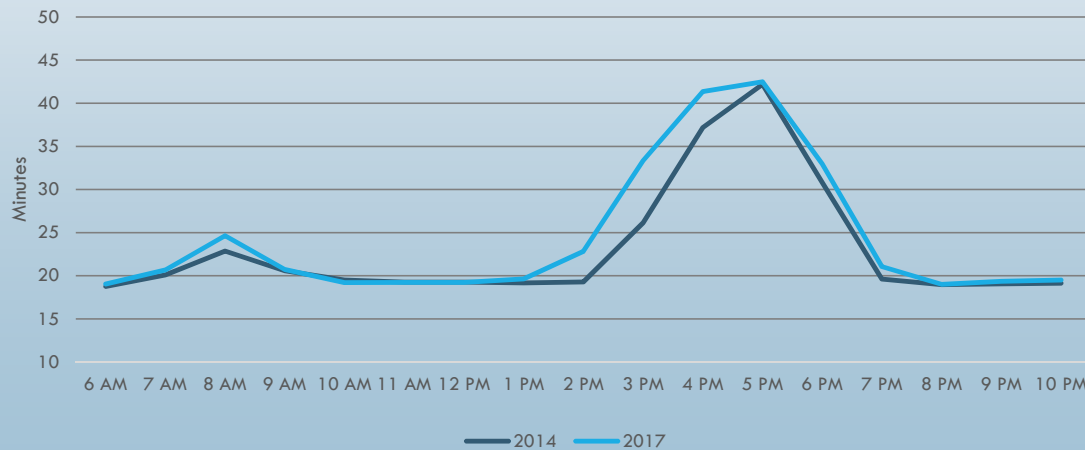


Traffic

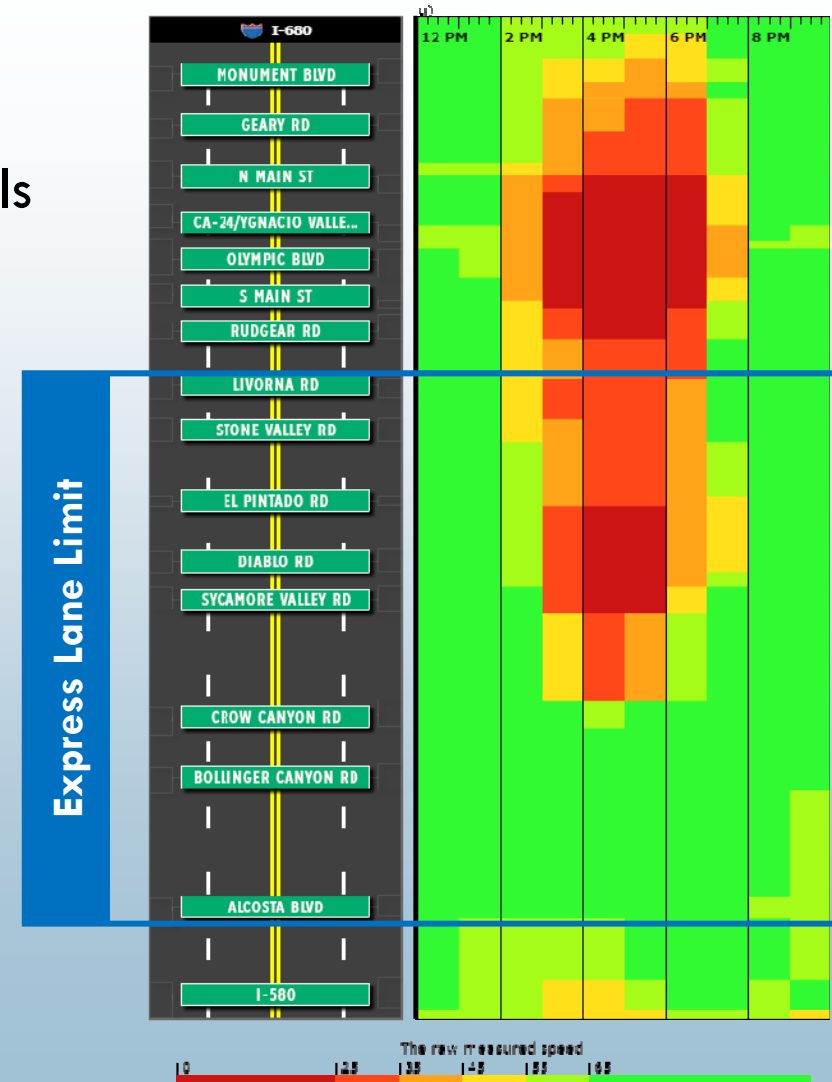
- Traffic in lane managed through variable tolls
- Bottleneck north of lane causes congestion, affecting all lanes

Traffic growth has increased travel time

Travel time on I-680 northbound between I-580 and SR-242 in 2014 and 2017



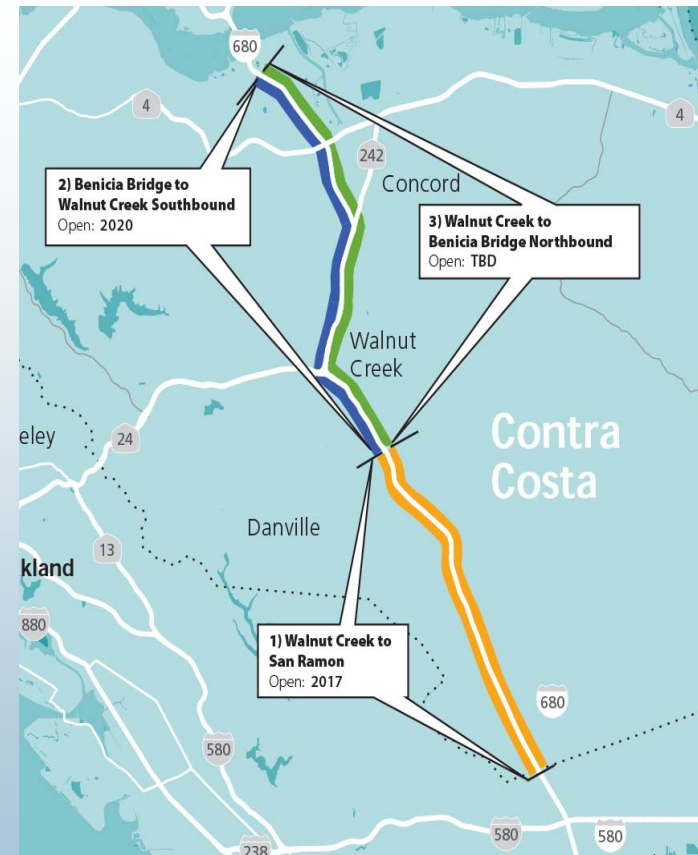
I-680 Northbound Speeds (May 2017)⁵



BAY AREA EXPRESS LANES

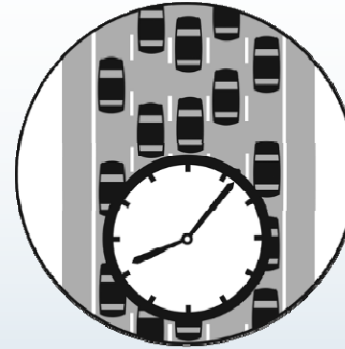
Further Investment Required

- Complete southbound express lane and reduce northbound gap
- Increase efficiency of bus service by using shoulders.
- Technology-based applications for traffic management and trip planning.
- Improve communications infrastructure for corridors of the future.



Performance Monitoring

- Speeds and travel time
- Duration of congestion
- Toll rates
- Usage: carpools and toll payers
- Violations
- Financial



Carpool Outreach & Incentive

- Collaboration with Local Partners
- Incentive Program
- Advertising
- Data Tracking through Apps
- Follows Lane Opening



Find a carpool and ride toll free on the I-680 Contra Costa Express Lanes!

CARPOOL +  =

REWARDS!



 Visit [Rideshare.511.org](https://rideshare.511.org) 



scoop



BAY AREA **EXPRESS LANES**

Get Ready!

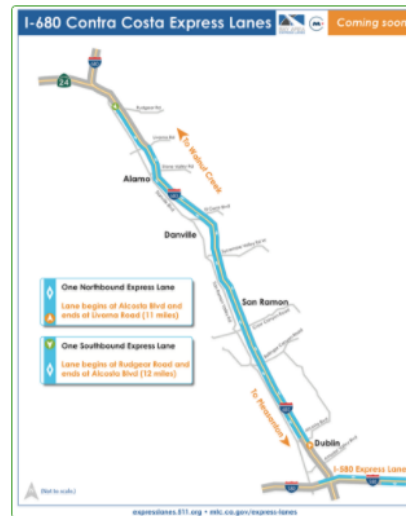
Open October 9

ExpressLanes.511.org

Bay Area Express Lanes : How They Work

[How They Work](#)
[Find a Lane](#)
[For Carpools](#)
[For Solo Drivers](#)
[Get FasTrak](#)


BAY AREA EXPRESS LANES



Coming Soon!

I-680 Contra Costa Express Lanes

All drivers need FasTrak®; carpools, clean air vehicles, and other toll-free vehicles must use a FasTrak Flex® toll tag. **Get FasTrak® for express lanes.**

- Information Card
- 'How to Use' Video
- Express Lanes Map
- Toll Zone Location Map
- Pricing Sign Example
- Frequently Asked Questions
- Photos & Graphics
- Bay Area Express Lanes Logos
- Press Contact: John Goodwin
 - Email: jgoodwin@mtc.ca.gov
 - Phone: (415) 778-5262



Get FasTrak for express lanes:
Find a retailer or apply online



Find a partner to carpool toll-free
in express lanes



Get a customer update on the
I-680 Contra Costa Express
Lanes



BAY AREA EXPRESS LANES