

## Meeting Agenda

### Bay Area Infrastructure Financing Authority

*Authority Members:*

*Alfredo Pedroza, Chair      Amy Worth, Vice Chair  
Federal D. Glover, Carol Dutra-Vernaci, James P. Spering*

*Non-Voting Member: Dina El-Tawansy*

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Wednesday, September 22, 2021

9:50 AM

Board Room - 1st Floor (REMOTE)

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The Bay Area Infrastructure Financing Authority is scheduled to meet on Wednesday, September 22, 2021 at 9:50 a.m., or immediately following the 9:45 a.m. BAHF meeting, in the Bay Area Metro Center (Remotely). In light of Governor Newsom's State of Emergency declaration regarding the COVID-19 outbreak and in accordance with Executive Order N-29-20 issued by Governor Newsom on March 17, 2020 and the Guidance for Gatherings issued by the California Department of Public Health, the meeting will be conducted via webcast, teleconference, and Zoom for committee, commission, or board members who will participate in the meeting from individual remote locations. A Zoom panelist link for meeting participants will be sent separately to committee, commission, or board members.

The meeting webcast will be available at  
<https://mtc.ca.gov/whats-happening/meetings/live-webcasts>.

Members of the public are encouraged to participate remotely via Zoom at the following link or phone number.

Attendee Link: <https://bayareametro.zoom.us/j/82130298219>

iPhone One-tap: US: +16699006833,,82130298219# or +14086380968,,82130298219#

Join by Telephone (for higher quality, dial a number based on your current location) US:

+1 669 900 6833 or +1 408 638 0968 or +1 346 248 7799 or

+1 253 215 8782 or +1 646 876 9923 or +1 301 715 8592 or

+1 312 626 6799 or 888 788 0099 (Toll Free) or 877 853 5247 (Toll Free)

Webinar ID: 821 3029 8219

International numbers available: <https://bayareametro.zoom.us/j/82130298219>

Detailed instructions on participating via Zoom are available at:

<https://mtc.ca.gov/how-provide-public-comment-board-meeting-zoom>. Committee members and members of the public participating by Zoom wishing to speak should use the "raise hand" feature or dial "\*9". In order to get the full Zoom experience, please make sure your application is up to date.

Members of the public may participate by phone or Zoom or may submit comments by email at [info@bayareametro.gov](mailto:info@bayareametro.gov) by 5:00 p.m. the day before the scheduled meeting date. Please include the committee or board meeting name in the subject line. Due to the current circumstances there may be limited opportunity to address comments during the meeting. All comments received will be submitted into the record.

## 1. Call to Order / Roll Call / Confirm Quorum

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

## 2. Consent Calendar

- 2a. [21-1023](#) Minutes of the July 28, 2021 meeting

Action: Authority Approval

Attachments: [2a - 21-1023 - July 28 BAIFA Draft Minutes.pdf](#)

- 2b. [21-1086](#) BAIFA Financial Statements for Fourth Quarter FY 2020-21 (Unaudited)

Action: Information

Presenter: Raymond Woo

Attachments: [2b - 21-1086 - BAIFA FY21 Fourth Quarter Financial Statements.pdf](#)

### 2c. US 101 Express Lanes Project in San Mateo County

- 2c.i. [21-1090](#) Cooperative Agreement - US 101 Express Lanes Operations and Maintenance - San Mateo County Express Lanes Joint Powers Authority

Action: Authority Approval

Presenter: Stephen Wolf

Attachments: [2ci - 21-1090 - US 101 Express Lanes Operations and Maintenance.pdf](#)

- 2c.ii. [21-1088](#) Increase in Contract Contingency - Express Lane Toll System Integrator (TSI): TransCore, LP (\$1,000,000)

Action: Authority Approval

Presenter: Ken Hoang

Attachments: [2cii - 21-1088 - Contract Change Order EL TSI TransCore LP.pdf](#)

## 3. Information

- 3a. [21-1091](#) I-880 Express Lanes Operations Report

A presentation on early operations of the I-880 Express Lanes.

Action: Information

Presenter: Barbara Laurenson

Attachments: [3a - 21-1091 - I880 Express Lanes Operations Report.pdf](#)  
[3a - 21-1091 - I880 Express Lanes Early Performance - Presentation.pdf](#)

#### **4. Closed Session**

- 4a. [21-1215](#) Closed Session Public Comment
- 4b. [21-1216](#) Closed Session - CONFERENCE WITH LEGAL  
COUNSEL-ANTICIPATED LITIGATION

Significant Exposure to Litigation: One Case

The Authority will meet in closed session pursuant to Government Code Section 54956.9(a) and paragraph (2) of subdivision (d) of Government Code Section 54956.9 to confer with counsel.

#### **5. Open Session**

- [21-1217](#) Reconvene in open session

#### **6. Public Comment / Other Business**

#### **7. Adjournment / Next Meeting**

**The next meeting of the Bay Area Infrastructure Financing Authority is scheduled to be held on Wednesday, October 27, 2021 remotely and by webcast. Any changes to the schedule will be duly noticed to the public.**

**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](http://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.

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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)

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**File #:** 21-1023      **Version:** 1      **Name:**

**Type:** Minutes      **Status:** Authority Approval

**File created:** 7/26/2021      **In control:** Bay Area Infrastructure Financing Authority

**On agenda:** 9/22/2021      **Final action:**

**Title:** Minutes of the July 28, 2021 meeting

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [2a - 21-1023 - July 28 BAIFA Draft Minutes.pdf](#)

Date	Ver.	Action By	Action	Result
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**Subject:**  
Minutes of the July 28, 2021 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:**

*Alfredo Pedroza, Chair      Amy Worth, Vice Chair*  
*Federal D. Glover, Carol Dutra-Vernaci, James P. Spering*

**Non-Voting Member: Dina El-Tawansy**

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Wednesday, July 28, 2021

9:55 AM

Board Room - 1st Floor (REMOTE)

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#### Call Remote Meeting to Order

#### 1. Roll Call / Confirm Quorum

**Present:** 5 - Commissioner Dutra-Vernaci, Commissioner Glover, Chair Pedroza, Commissioner Spering and Vice Chair Worth

Non-Voting Member Absent: Commissioner El-Tawansy

#### 2. Consent Calendar

**Upon the motion by Commissioner Spering and the second by Commissioner Dutra-Vernaci, the Consent Calendar was unanimously approved by the following vote:**

**Aye:** 5 - Commissioner Dutra-Vernaci, Commissioner Glover, Chair Pedroza, Commissioner Spering and Vice Chair Worth

**2a.**      [21-0929](#)      Minutes of the June 23, 2021 meeting

**Action:** Authority Approval

### 3. Authority Approval

- 3a. [21-0959](#) BAIFA Resolution No. 23. Solano County I-80 Express Lanes Letter of No Prejudice and Agreement for the Repayment of Unrestricted Funds to MTC

A request for approval of BAIFA Resolution No. 23 requesting a Regional Measure 3 Letter of No Prejudice (LONP) from the Metropolitan Transportation Commission (MTC) for the Solano I-80 Express Lanes project; and a request for approval of a funding agreement for the repayment of unrestricted funds to MTC by STA (MTC Resolution No. 4479) and BAIFA.

**Action:** Authority Approval

**Presenter:** Stephen Wolf

**Upon the motion by Commissioner Spering and the second by Vice Chair Worth, the Authority unanimously adopted BAIFA Resolution No. 23. The motion carried by the following vote:**

**Aye:** 5 - Commissioner Dutra-Vernaci, Commissioner Glover, Chair Pedroza, Commissioner Spering and Vice Chair Worth

- 3b. [21-0960](#) Contract Change Order - Express Lane Toll System Integrator (TSI): TransCore, LP (\$23,568,508 and a contingency of \$2,356,851)

A request for approval to enter into a contract change order with TransCore, LP (TransCore) to: 1) add options to extend the current contract with TransCore in annual increments of up to three (3) additional years on a sole source basis; and 2) add the toll system implementation for the Solano I-80 express lane between Fairfield and Vacaville in an amount not to exceed \$23,568,508 plus a contingency of \$2,356,851.

**Action:** Authority Approval

**Presenter:** Ken Hoang

**Upon the motion by Commissioner Spering and the second by Commissioner Glover, the Authority unanimously approved the contract with TransCore, LP. The motion carried by the following vote:**

**Aye:** 5 - Commissioner Dutra-Vernaci, Commissioner Glover, Chair Pedroza, Commissioner Spering and Vice Chair Worth

#### 4. Information

- 4a. [21-0930](#) I-880 Express Lanes Performance and MTC Express Lanes Quarterly Report: First Quarter (January - March 2021)

A presentation on early operations of the I-880 Express Lanes and a report on capital project delivery progress for MTC Express Lanes and performance of MTC's I-680 Contra Costa and I-880 express lanes.

**Action:** Information

**Presenter:** Barbara Laurenson

Rick Coates was called to speak.

#### 5. Public Comment / Other Business

#### 6. Adjournment / Next Meeting

The next meeting of the Bay Area Infrastructure Financing Authority is scheduled to be held on Wednesday, September 22, 2021 remotely and by webcast. Any changes to the schedule will be duly noticed to the public.



## Legislation Details (With Text)

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**File #:** 21-1086      **Version:** 1      **Name:**

**Type:** Report      **Status:** Informational

**File created:** 8/11/2021      **In control:** Bay Area Infrastructure Financing Authority

**On agenda:** 9/22/2021      **Final action:**

**Title:** BAIFA Financial Statements for Fourth Quarter FY 2020-21 (Unaudited)

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [2b - 21-1086 - BAIFA FY21 Fourth Quarter Financial Statements.pdf](#)

Date	Ver.	Action By	Action	Result
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**Subject:**  
BAIFA Financial Statements for Fourth Quarter FY 2020-21 (Unaudited)

**Presenter:**  
Raymond Woo

**Recommended Action:**  
Information

# Bay Area Infrastructure Financing Authority (BAIFA)

September 22, 2021

Agenda Item 2b - 21-1086

## **BAIFA Financial Statements for Fourth Quarter FY 2020-21 (Unaudited)**

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**Background:** Attached are the BAIFA financial statements for the fourth quarter ending on June 30, 2021 (unaudited).

Preliminary (unaudited) total revenue for BAIFA for the Fiscal Year 2020-21 is \$29.8 million with total operating expense of \$12.6 million. The combined I-680 and I-880 lanes generated an operating surplus of \$17.2 million, before depreciation. Net operating income after depreciation expense of \$7.1 million is \$10.1 million. This surplus will be transferred into the designated reserve that currently has an estimated balance of \$15.6 million as of July 1, 2020.

The fourth quarter financials are preliminary, unaudited and subject to changes upon completion of the annual audit.

Financial highlights include:

### **I-680 Operating:**

Year-end operating revenue was \$8.0 million, 99% of the FY 2020-21 budget. Traffic is still below the pre-pandemic level but began to rise in the last quarter. Toll revenue was \$4.4 million, or 63% of the budget. Violation revenue was \$3.6 million, which is well above the budget estimate of \$850 thousand. Violation revenue includes invoices from FY 2019-20 and FY 2020-21 because violation notices were delayed from the start of the pandemic in March 2020 through the second half of FY 2020-21 when invoicing and collection were resumed.

Total operating expense was \$6.5 million or only 38% of the adopted budget. The lower operating cost was the result of the lower traffic levels and helped avoid the operating loss projected in the FY 2020-21 budget.

As of the year-end FY2020-21, I-680 Express Lane had an operating surplus of \$1.6 million, before depreciation. The actual yearend operating surplus compares quite favorably to the \$8.7 million operating deficit anticipated in the approved budget.

Net operating income after depreciation is a deficit of \$3.3 million.

**I-880 Operating:**

The I-880 Express Lane opened in the fall of 2020. Year-end total revenue collected was a substantial \$21.8 million in the first nine months of operation. Total revenue consisted of \$16.8 million of toll revenue and \$4.9 million in violation revenue. Total operating expense was \$6.2 million leaving an operating surplus of \$15.6 million, before depreciation.

Year-end FY 2020-21 resulted in a significant favorable net operating surplus of \$13.4 million in the first year of operations.

The lane opened without an operating budget with the startup expense budget still carried as part of the capital development.

**Capital Programs:**

The approved life-to-date (LTD) budget for the Capital Program is \$441 million. At year-end, the remaining budget balance is \$41.9 million for future capital projects. No projects are over budget on a life-to-date basis.

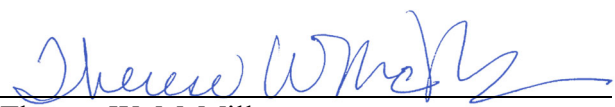
**Actions under Executive Director Contract signature authority:**

There are no actions under ED authority during the fourth quarter.

If you have any questions about this report, please contact Brian Mayhew at (415) 778-6730.

**Recommendation:** None. This item provided as information only.

**Attachments:** Attachment A –BAIFA Unaudited Financial Statements for fourth quarter ending June 30, 2021.

  
Therese W. McMillan

## Attachment A

**BAIFA Operating Budget  
As of June 2021 (Unaudited)**

	<b>FY 2020-21 Budget</b>	<b>Actual YTD</b>	<b>Curent Budget Balance Over/(Under)</b>	<b>% of Budget (YTD/Bud)</b>	<b>Year Expired</b>
<b>Revenue:</b>					
General Toll Revenue	6,944,327	21,189,753	14,245,426	305.1%	100.0%
Violation Revenue	850,407	8,519,419	7,669,012	1001.8%	100.0%
Interest Revenue	328,750	6,354	(322,396)	1.9%	100.0%
Miscellaneous	0	68,078	68,078	0.0%	100.0%
<b>Total Revenue</b>	<b>8,123,484</b>	<b>29,783,603</b>	<b>21,660,119</b>	<b>366.6%</b>	<b>100.0%</b>
<b>Expense:</b>					
FasTrak Operations and Maintenance	3,553,284	3,776,071	222,787	106.3%	100.0%
Express Lanes & Backhaul Operations and Maintenance	9,458,565	6,598,861	(2,859,704)	69.8%	100.0%
Express Lanes Administration	3,789,999	2,240,964	(1,550,209)	59.1%	100.0%
<b>Total Expense</b>	<b>16,801,848</b>	<b>12,615,896</b>	<b>(4,187,126)</b>	<b>75.1%</b>	<b>100.0%</b>
<b>Operating Surplus (Shortfall) before Transfers &amp; Depreciation</b>	<b>(8,678,364)</b>	<b>17,167,707</b>	<b>25,846,071</b>	<b>-197.8%</b>	<b>100.0%</b>
<b>Transfer &amp; Depreciation</b>					
Transfer (from)/to Reserve	(5,890,030)	0	5,890,030	0.0%	100.0%
Depreciation	2,000,000	7,057,700	(5,057,700)	352.9%	100.0%
<b>Total Transfer In (out) &amp; Depreciation</b>	<b>(3,890,030)</b>	<b>7,057,700</b>	<b>10,947,730</b>	<b>-181.4%</b>	<b>100.0%</b>
<b>Operating Surplus (Shortfall)</b>	<b>(4,788,334)</b>	<b>10,110,007</b>			

**BAIFA Operating Budget - 680 EL**  
**As of June 2021 (Unaudited)**

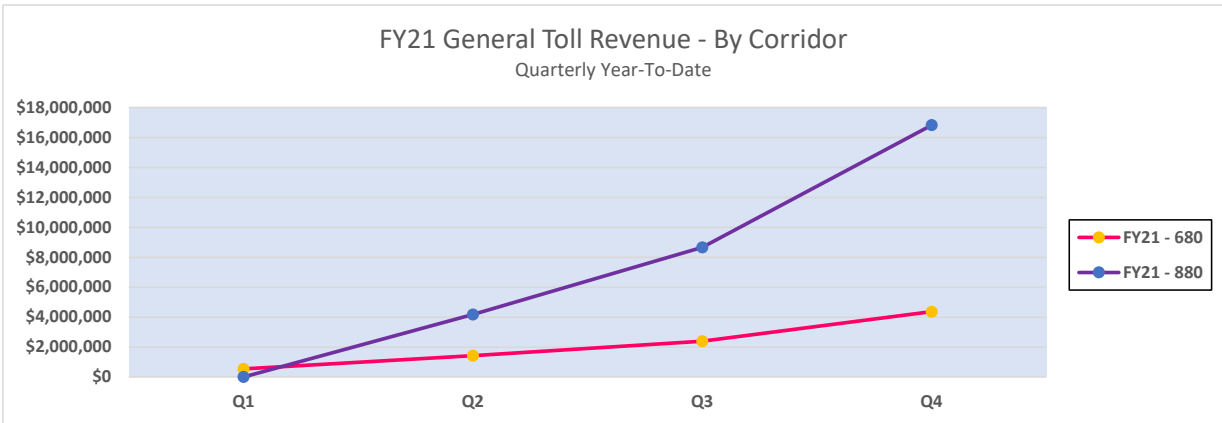
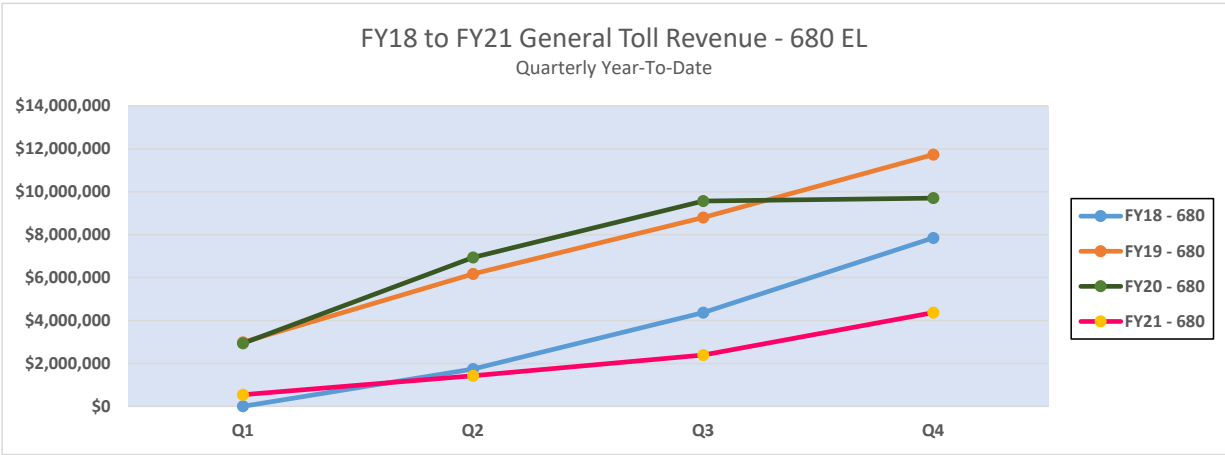
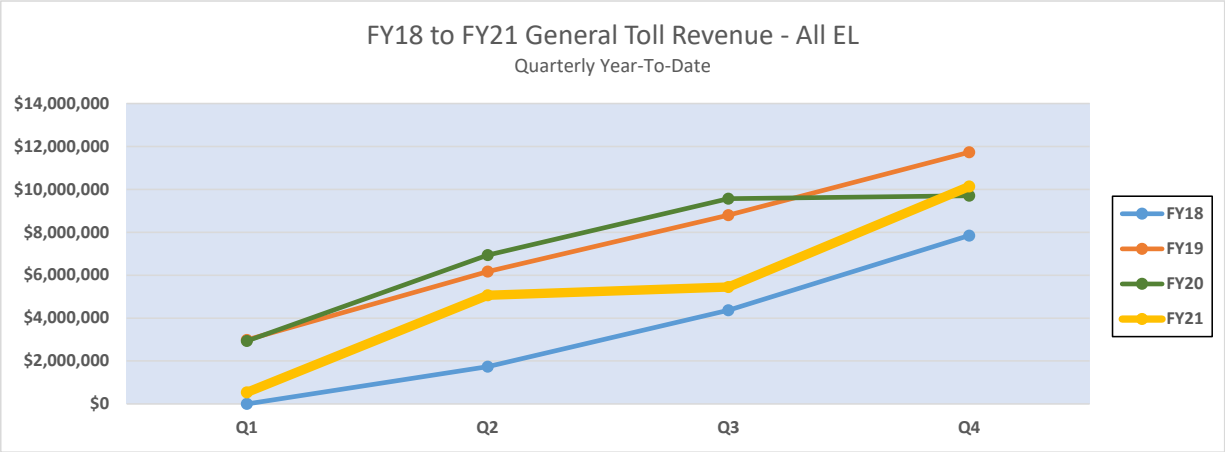
	<b>FY 2020-21</b>	<b>Actual</b>	<b>Current Budget</b>	<b>% of Budget</b>	<b>Year</b>
	<b>Budget</b>	<b>YTD</b>	<b>Balance</b>	<b>(YTD/Bud)</b>	<b>Expired</b>
			<b>Over/(Under)</b>		
<b>Revenue:</b>					
1 General Toll Revenue	6,944,327	4,367,099	(2,577,228)	62.9%	100.0%
2 Violation Revenue	850,407	3,586,158	2,735,751	421.7%	100.0%
3 Interest Revenue	328,750	6,354	(322,396)	1.9%	100.0%
4 Miscellaneous	0	68,078	68,078	0.0%	100.0%
<b>Total Revenue</b>	<b>8,123,484</b>	<b>8,027,688</b>	<b>(95,796)</b>	<b>98.8%</b>	<b>100.0%</b>
<b>Expense:</b>					
<b>FasTrak Operations and Maintenance</b>					
1 RCSC Operations	2,479,665	844,822	(1,634,843)	34.1%	100.0%
2 Banking/Credit Card Fees	437,499	190,005	(247,494)	43.4%	100.0%
3 BATA Financial Services	180,120	125,250	(54,870)	69.5%	100.0%
4 Collections/DMV Expenses	456,000	0	(456,000)	0.0%	100.0%
FasTrak O&M Subtotal	3,553,284	1,160,077	(2,393,207)	32.6%	100.0%
<b>Express Lanes &amp; Backhaul Operations and Maintenance</b>					
5 Operating Center	415,885	450,123	34,238	108.2%	100.0%
6 California Highway Patrol Enforcement	927,524	281,434	(646,090)	30.3%	100.0%
7 Roadway Maintenance	4,906,151	1,045,575	(3,860,576)	21.3%	100.0%
8 Toll System Operations & Maintenance	3,099,911	1,776,440	(1,323,471)	57.3%	100.0%
9 Utility Service	109,094	38,140	(70,954)	35.0%	100.0%
Express Lanes and Backhaul O&M Subtotal	9,458,565	3,591,712	(5,866,853)	38.0%	100.0%
<b>Express Lanes Administration</b>					
10 Salaries, Benefits & Overhead	2,528,509	1,515,608	(1,012,901)	59.9%	100.0%
11 Professional/Consultant Service	896,690	62,769	(833,921)	7.0%	100.0%
12 Audit/Accounting	112,000	110,514	(1,486)	98.7%	100.0%
13 Insurance	182,000	11,144	(170,856)	6.1%	100.0%
14 Other	70,800	12,546	(58,254)	17.7%	100.0%
Express Lanes Admin Subtotal	3,789,999	1,712,581	(2,077,418)	45.2%	100.0%
<b>Total Expense</b>	<b>16,801,848</b>	<b>6,464,370</b>	<b>(10,337,478)</b>	<b>38.5%</b>	<b>100.0%</b>
<b>Operating Surplus (Shortfall) before Transfers &amp; Depreciation</b>	<b>(8,678,364)</b>	<b>1,563,318</b>	<b>10,241,683</b>	<b>-18.0%</b>	<b>100.0%</b>
<b>Transfer &amp; Depreciation</b>					
15 Transfer (from)/to Reserve	(5,890,030)	0	5,890,030	0.0%	100.0%
16 Depreciation	2,000,000	4,819,044	(2,819,044)	241.0%	100.0%
Total Transfer In (out) & Depreciation	(3,890,030)	4,819,044	(8,709,074)	-123.9%	100.0%
<b>Operating Surplus (Shortfall)</b>	<b>(4,788,334)</b>	<b>(3,255,726)</b>			

## Attachment A

**BAIFA Operating Budget - 880 EL**  
**As of June 2021 (Unaudited)**

	<b>FY 2020-21</b>	<b>Actual</b>	<b>Current Budget</b>	<b>% of Budget</b>	<b>Year</b>
	<b>Budget</b>	<b>YTD</b>	<b>Balance</b>	<b>(YTD/Bud)</b>	<b>Expired</b>
			<b>Over/(Under)</b>		
<b>Revenue:</b>					
1 General Toll Revenue	0	16,822,654	16,822,654	0.0%	100.0%
2 Violation Revenue	0	4,933,261	4,933,261	0.0%	100.0%
3 Interest Revenue	0	0	0	0.0%	100.0%
4 Miscellaneous	0	0	0	0.0%	100.0%
<b>Total Revenue</b>	<b>0</b>	<b>21,755,915</b>	<b>21,755,915</b>	<b>0.0%</b>	<b>100.0%</b>
<b>Expense:</b>					
<b>FasTrak Operations and Maintenance</b>					
1 RCSC Operations	0	2,037,614	2,037,614	0.0%	100.0%
2 Banking/Credit Card Fees	0	446,350	446,350	0.0%	100.0%
3 BATA Financial Services	0	132,030	132,030	0.0%	100.0%
4 Collections/DMV Expenses	0	0	0	0.0%	100.0%
FasTrak O&M Subtotal	0	2,615,994	2,615,994	0.0%	100.0%
<b>Express Lanes &amp; Backhaul Operations and Maintenance</b>					
5 Operating Center	0	419,425	419,425	0.0%	100.0%
6 California Highway Patrol Enforcement	0	0	0	0.0%	100.0%
7 Roadway Maintenance	0	418,090	418,090	0.0%	100.0%
8 Toll System Operations & Maintenance	0	2,054,604	2,054,604	0.0%	100.0%
9 Utility Service	0	115,030	115,030	0.0%	100.0%
Express Lanes and Backhaul O&M Subtotal	0	3,007,149	3,007,149	0.0%	100.0%
<b>Express Lanes Administration</b>					
10 Salaries, Benefits & Overhead	0	430,945	430,945	0.0%	100.0%
11 Professional/Consultant Service	0	96,264	96,264	0.0%	100.0%
12 Audit/Accounting	0	0	0	0.0%	100.0%
13 Insurance	0	0	0	0.0%	100.0%
14 Other	0	0	0	0.0%	100.0%
Express Lanes Admin Subtotal	0	527,209	527,209	0.0%	100.0%
<b>Total Expense</b>	<b>0</b>	<b>6,150,352</b>	<b>6,150,352</b>	<b>0.0%</b>	<b>100.0%</b>
<b>Operating Surplus (Shortfall) before Transfers &amp; Depreciation</b>	<b>0</b>	<b>15,605,563</b>	<b>15,605,563</b>	<b>0.0%</b>	<b>100.0%</b>
<b>Transfer &amp; Depreciation</b>					
15 Transfer (from)/to Reserve	0	0	0	0.0%	100.0%
16 Depreciation	0	2,238,656	(2,238,656)	0.0%	100.0%
Total Transfer In (out) & Depreciation	0	2,238,656	(2,238,656)	0.0%	100.0%
<b>Operating Surplus (Shortfall)</b>	<b>0</b>	<b>13,366,907</b>			

BAIFA Operating Budget  
As of June 2021



# Attachment A

## BAIFA EL Capital Projects As of June

### 2021 - Life to Date (Unaudited)

	Project Title	Total Express Lane Budget	Exp Recorded in BATA 849	LTD BAIFA Capital Budget	Actual	Encumbrance	Balance Remaining Over/(Under)
6840	Program Costs: Planning, Coordination & Management	28,437,000	20,254,980	8,182,020	4,734,380	503,273	(2,944,366)
6841	Centralized Toll System	32,367,000	20,980,474	11,386,526	3,450,427	4,364,614	(3,571,486)
6842	CC-680 Southern Segment Conversion	54,043,000	52,420,459	1,622,541	122,680	1,495,783	(4,078)
6843	Capitalized Start-up O&M	13,000,000	4,852,589	8,147,411	487,874	2,380,259	(5,279,277)
6844	ALA-880 Conversion	139,098,000	104,122,301	34,975,699	24,045,131	4,013,320	(6,917,248)
6845	CC-680 Northern Segment - Southbound Conversion	54,173,000	16,955,242	37,217,758	26,160,140	8,728,344	(2,329,274)
6847	Program Contingency	2,847,677	-	2,847,677	-	-	(2,847,677)
6849	SOL-80 Express Lane Conversion	18,078,000	11,634,064	6,443,936	2,541,857	1,150,932	(2,751,146)
6851	84/Dumbarton Bridge	323,140	323,140	-	-	-	-
6852	92/San Mateo Bridge	369,303	369,303	-	-	-	-
6853	San Mateo 101	95,000,000	-	95,000,000	37,199,055	45,440,249	(12,360,696)
6854	FasTrak START Pilot Project	3,000,000	-	3,000,000	72,373	6,919	(2,920,708)
	<b>Express Lanes Total</b>	<b>440,736,120</b>	<b>231,912,552</b>	<b>208,823,568</b>	<b>98,813,918</b>	<b>68,083,693</b>	<b>(41,925,957)</b>

Note: Audited EL Capital expense recorded in BATA Fund 849 as of 6/30/19 was \$231,912,552





# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

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**File #:** 21-1090      **Version:** 1      **Name:**

**Type:** Contract      **Status:** Authority Approval

**File created:** 8/16/2021      **In control:** Bay Area Infrastructure Financing Authority

**On agenda:** 9/22/2021      **Final action:**

**Title:** Cooperative Agreement - US 101 Express Lanes Operations and Maintenance - San Mateo County  
Express Lanes Joint Powers Authority

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [2ci - 21-1090 - US 101 Express Lanes Operations and Maintenance.pdf](#)

Date	Ver.	Action By	Action	Result
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**Subject:**  
Cooperative Agreement - US 101 Express Lanes Operations and Maintenance - San Mateo County  
Express Lanes Joint Powers Authority

**Presenter:**  
Stephen Wolf

**Recommended Action:**  
Authority Approval

# **Bay Area Infrastructure Financing Authority (BAIFA)**

**September 22, 2021**

**Agenda Item 2c.i. - 21-1090**

## **Cooperative Agreement – US 101 Express Lanes Operations and Maintenance – San Mateo County Express Lanes Joint Powers Authority**

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**Subject:** Recommendation to approve a cooperative agreement with the San Mateo County Express Lanes Joint Powers Authority (SMCEL-JPA) for BAIFA to operate and maintain the toll system, backhaul network, and civil assets for US 101 in San Mateo County on a reimbursable basis..

**Background:** The San Mateo County US 101 Express Lanes Project (San Mateo 101) involves (1) converting an existing HOV lane to an Express Lane from the Santa Clara County line to Whipple Avenue in San Mateo County (Southern Segment), and (2) constructing a new Express Lane from Whipple Avenue in San Mateo County to Interstate 380 in San Mateo County (Northern Segment). In February 2019, BAIFA approved an arrangement whereby BAIFA will implement and operate the San Mateo 101 Express Lanes toll system for the owner, San Mateo County Express Lanes Joint Powers Authority (SMCEL-JPA), which was created on May 24, 2019, by the San Mateo City/County Council of Governments (C/CAG) and San Mateo County Transportation Authority (SMCTA).

The Southern Segment is scheduled to open near the end of this year and the Northern Segment at the end of 2022. With the opening of the Southern Segment, BAIFA will commence operations and maintenance of the toll system, backhaul network, and civil assets. BAIFA's existing contractors, who perform this work on BAIFA's express lanes, will support this work. These include TransCore, LP for the toll system, Iteris, Inc. for Regional Operations Center support, and Econolite Systems, Inc. for backhaul and civil assets. Staff will return to seek BAIFA's approval for amendments to the agreements with these contractors as necessary related to San Mateo 101.

The term of the agreement would be eight years from the opening of the Southern Segment. After five years, the two parties will start discussion on whether to extend the agreement.

BAIFA will provide the services of the agreement for reimbursement by SMCEL-JPA at cost to BAIFA. The agreement includes a fixed fee for standard services, such as routine maintenance and Regional Operations Center support, and time and materials for BAIFA staff costs and work that is variable in nature, such as manual image review, which is based on

number of images reviewed. The total monthly cost is estimated to be \$400,000 when the Southern Segment opens and \$800,000 after the Northern Segment opens.

**Issues:**

Standard of care: Construction of San Mateo 101 is debt financed through \$100 million in Sales Tax Revenue Variable Rate Demand Bonds issues by the San Mateo Transportation Authority. SMCEL-JPA elected to partner with BAIFA rather than establish its own contracts to leverage economies of scale as well as BAIFA's experience. The agreement establishes that BAIFA's standard of care is equal to that provided to BAIFA's own lanes. BAIFA is not responsible for loss of revenue that occurs during the operation of the express lanes.


Roadway maintenance: All express lane operators, including BAIFA, have agreements with Caltrans defining the roles and responsibilities for express lane operations and maintenance. BAIFA's agreement with Caltrans established in 2018 is memorialized in an Operations and Maintenance Agreement with no term limit. For newer Bay Area operations such as San Mateo 101, Caltrans is using a different form of agreement, similar to that used for several southern California express lanes. SMCEL-JPA's agreement with Caltrans is in the form of a forty-year lease of the roadway with a \$1/year payment. To the extent SMCEL-JPA may have obligations to the State that exceed BAIFA's on BAIFA's own lanes, BAIFA may, at its discretion, perform this work at additional cost. Some work, such as the repair of potholes or sweeping of the lanes, is of a higher risk profile; BAIFA does not presently perform this work on its own lanes and is unlikely to do so on San Mateo 101.

**Recommendation:**

Staff recommends that the Authority authorize the Executive Director or designee to negotiate and enter into a cooperative agreement with SMCEL-JPA for BAIFA to operate and maintain US 101 in San Mateo County.

**Attachments:**

None

  
Therese W. McMillan

## REQUEST FOR AUTHORITY APPROVAL

### Summary of Proposed Cooperative Agreement

Work Item No.:	6853
Agency:	San Mateo County Express Lanes Joint Powers Authority (SMCEL-JPA)
Work Project Title:	US 101 Express Lanes Operations and Maintenance
Purpose of Project:	Agreement for BAIFA to operate and maintain the toll system, backhaul network, and civil assets for US 101 in San Mateo County on a reimbursable basis
Brief Scope of Work:	BAIFA will operate and maintain the toll system, backhaul network, and civil assets for US 101 in San Mateo County on a reimbursable basis
Project Cost Not to Exceed:	N/A
Funding Source:	N/A
Fiscal Impact:	N/A
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a cooperative agreement with SMCEL-JPA as described above and in the BAIFA Summary Sheet dated September 22, 2021.
BAIFA:	<hr/> Alfredo Pedroza, Chair
Approved:	September 22, 2021



# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

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**File #:** 21-1088      **Version:** 1      **Name:**

**Type:** Contract      **Status:** Authority Approval

**File created:** 8/16/2021      **In control:** Bay Area Infrastructure Financing Authority

**On agenda:** 9/22/2021      **Final action:**

**Title:** Increase in Contract Contingency - Express Lane Toll System Integrator (TSI): TransCore, LP (\$1,000,000)

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [2cii - 21-1088 - Contract Change Order EL TSI TransCore LP.pdf](#)

Date	Ver.	Action By	Action	Result
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**Subject:**  
Increase in Contract Contingency - Express Lane Toll System Integrator (TSI): TransCore, LP (\$1,000,000)

**Presenter:**  
Ken Hoang

**Recommended Action:**  
Authority Approval

# Bay Area Infrastructure Financing Authority (BAIFA)

September 22, 2021

Agenda Item 2c.ii. - 21-1088

## **Increase in Contract Contingency – Express Lane Toll System Integrator (TSI): TransCore, LP (\$1,000,000)**

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**Subject:** A request for approval of an increase in contingency funds in the amount of \$1,000,000 for BAIFA's contract with TransCore, LP (TransCore) for work related to the deployment of the express lanes toll system on US 101 in San Mateo County.

**Background:** For more background on the San Mateo County US 101 Express Lanes Project, see Item 2c.i.

BAIFA contracts with Transcore for the implementation and operation of the toll system for BAIFA's express lanes on I-680, I-880 and I-80 in Solano County as well as for the work provided by BAIFA on the San Mateo County US 101 Express Lanes Project. In June 2021, BAIFA authorized a contract amendment with TransCore for operations and maintenance covering FY 2021-22 in an amount not to exceed \$6,341,763 plus a contingency of \$214,934. In July 2021, BAIFA authorized a contract amendment with TransCore for delivery of the toll system on I-80 in Solano County for an amount not to exceed \$23,568,508 and a contingency of \$2,356,851.

The FY 2021-22 BAIFA Capital Budget includes \$95 million for San Mateo 101. These funds granted to BAIFA by the Bay Area Toll Authority (BATA) represent the regional commitment of bridge toll funding to the \$586.9 million project, which also secured \$200 million in the first cycle of competitive Senate Bill 1 (SB 1) funding. The \$95 million includes \$45 million to pay for BAIFA's costs to implement the San Mateo 101 toll system and \$50 million to help fund contracts for civil construction such as adding a new lane in each direction north of Whipple Avenue and constructing express lane signs and other improvements to the roadway necessary for the express lanes.

In June 2019, BAIFA authorized a cooperative agreement with SMCELJPA committing an initial amount not to exceed \$3 million for the toll system design phase. In May 2020, BAIFA authorized an additional \$42 million to fund the work associated with toll system implementation, which in total made up \$45 million of the \$95 million regional commitment of bridge toll funding. Of the \$45 million, \$3.5 million sits in a shared contingency managed by a cost management board comprised of staff from BAIFA, City/County Association of Governments, and San Mateo County Transportation Authority. The cost management board has agreed to assign


\$1 million of the \$3.5 million to BAIFA as contingency for the TransCore contract and this action seeks authority to use the increased contingency at the Executive Director's or designee's determination.

A summary of the Disadvantaged Enterprise (DBE) status and Small Business Enterprise (SBE) status of TransCore and its subcontractors is attached as Attachment A.

**Issues:** None

**Recommendation:** Staff recommends the Authority authorize a \$1,000,000 increase in contingency to be used at the Executive Director or designee's determination for TransCore's work related to the express lanes toll system deployment on US 101 in San Mateo County.

**Attachments:** Attachment A: TransCore, LP DBE and SBE Status; and  
Request for Authority Approval Sheet

  
Therese W. McMillan

## Attachment A

### Small Business and Disadvantaged Business Enterprise Status

			DBE* Firm			SBE** Firm		
	Firm Name	Role on Project	Yes	If Yes, List #	No	Yes	If Yes, List #	No
Prime Contractor	TransCore, LP	Toll System Integrator			X			X
Subcontractor	IBI Group	Subcontractor			X			X
Subcontractor	KRC Safety	Subcontractor	X	447		X	6897	
Subcontractor	Lane Safety Co.	Subcontractor			X	X	45978	
Subcontractor	Nexus IS	Subcontractor			X			X
Subcontractor	TJKM	Subcontractor	X	40772		X	38780	
Subcontractor	Traffic Solutions	Subcontractor			X			X

\*Denotes certification by the California Unified Certification Program (CUCP).

\*\*Denotes certification by the State of California.



## REQUEST FOR AUTHORITY APPROVAL

### Summary of Proposed Increase in Contract Contingency

Work Item No.:	6853
Contractor:	TransCore, LP San Diego, CA
Work Project Title:	Regional Express Lane Toll System Integrator (TSI)
Purpose of Project:	Design, implement, and operate express lanes in the Bay Area
Brief Scope of Work:	Unanticipated items related to the installation and testing of the toll system for San Mateo 101.
Project Cost Not to Exceed:	This action: Contingency of \$1,000,000  Current authorized contract amount before this amendment: \$127,747,514 plus a remaining contingency of \$3,538,554  Total authorized contract amount after this amendment: \$127,747,514 plus a contingency of \$4,538,554
Funding Source:	FY 2021-22 BAIFA Capital Budget
Fiscal Impact:	Funding is included in the FY 2021-22 BAIFA Capital Budget
Motion by Authority:	That the Authority authorize a \$1,000,000 increase in contingency to be used at the Executive Director or designee's determination for TransCore LP's work related to the express lanes toll system deployment on US 101 in San Mateo County as described above and in the BAIFA Summary Sheet dated September 22, 2021 and the Chief Financial Officer is authorized to set aside a contingency in the amount of \$1,000,000, already included in the FY 2021-22 BAIFA Capital Budget, as specified above.
BAIFA:	<hr/> Alfredo Pedroza, Chair
Approved:	September 22, 2021

## Legislation Details (With Text)

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<b>File #:</b>	21-1091	<b>Version:</b>	1	<b>Name:</b>	
<b>Type:</b>	Report	<b>Status:</b>		Informational	
<b>File created:</b>	8/16/2021	<b>In control:</b>		Bay Area Infrastructure Financing Authority	
<b>On agenda:</b>	9/22/2021	<b>Final action:</b>			
<b>Title:</b>	I-880 Express Lanes Operations Report				

A presentation on early operations of the I-880 Express Lanes.

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [3a - 21-1091 - I880 Express Lanes Operations Report.pdf](#)  
[3a - 21-1091 - I880 Express Lanes Early Performance - Presentation.pdf](#)

Date	Ver.	Action By	Action	Result
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**Subject:**

I-880 Express Lanes Operations Report

A presentation on early operations of the I-880 Express Lanes.

**Presenter:**

Barbara Laurenson

**Recommended Action:**

Information

# Bay Area Infrastructure Financing Authority (BAIFA)

September 22, 2021

Agenda Item 3b - 21-1091

## I-880 Express Lanes Operations Report

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**Subject:** A presentation on early operations of the I-880 Express Lanes.

**Background:** The I-880 express lanes opened October 2020, and staff will present operational performance based on learnings from field studies conducted before tolling began in August 2020 and once tolling was in place in March 2021. See Attachment A.

### I-880 Express Lanes Operations

- In the first three quarters of tolling operations, 45,000 average daily trips (ADT) were made in the I-880 express lanes totaling 8.5 million trips.
- The I-880 express lanes are providing a faster, more reliable trip for carpools and buses. This is demonstrated by data comparing I-880 performance from August 2020 (before the start of tolling) with March 2021. Speeds in the managed lanes have improved since tolling began and are faster than general purpose lanes speeds. As expected, some vehicles shifted from the managed lane to the general purpose lanes, thereby improving reliability of the managed lane, but vehicle throughput in the corridor has been maintained. Staff will continue to monitor performance of the lanes as traffic returns.
- The opening of I-880 introduced half-price tolls for Clean Air Vehicles (CAVs) with a FasTrak® CAV toll tag on both of BAIFA's express lanes; CAV trips have reached about 1% of trips on I-880.
- The percentage of trips by vehicles without FasTrak® accounts was high, which is common for new toll facilities while drivers become familiar. MTC staff launched in-corridor messages, 511 social media posts, and an advertising campaign in partnership with FasTrak® to reinforce the requirement to have FasTrak® to use express lanes.
- As expected, there is work to do to encourage the correct use of toll tags and to combat cheating. Staff's presentation will speak to steps underway to address these issues.

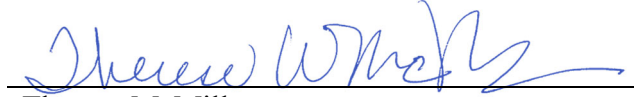
### I-680 Express Lanes Operations

Data on operations of the I-680 Contra Costa corridor between Walnut Creek and San Ramon was presented in the quarterly report included in the July 2021 BAIFA packet. Since then, tolling commenced on August 20, 2021 on the southbound extension of this lane from Marina Vista Avenue in Martinez to Rudgear Road in Walnut Creek. Drivers can now use the 25-mile southbound express lane from Marina Vista Avenue to Alcosta Boulevard. The 11-mile northbound express lane, in operation since 2017, runs from Alcosta Boulevard to Livorna Road. Staff will incorporate performance data for the extension in future quarterly reports.

**Issues:** None

**Recommendation:** This item is provided for information only.

**Attachments:** BAIFA Express Lanes Performance Presentation

  
Therese McMillan

# I-880 Express Lanes Early Performance

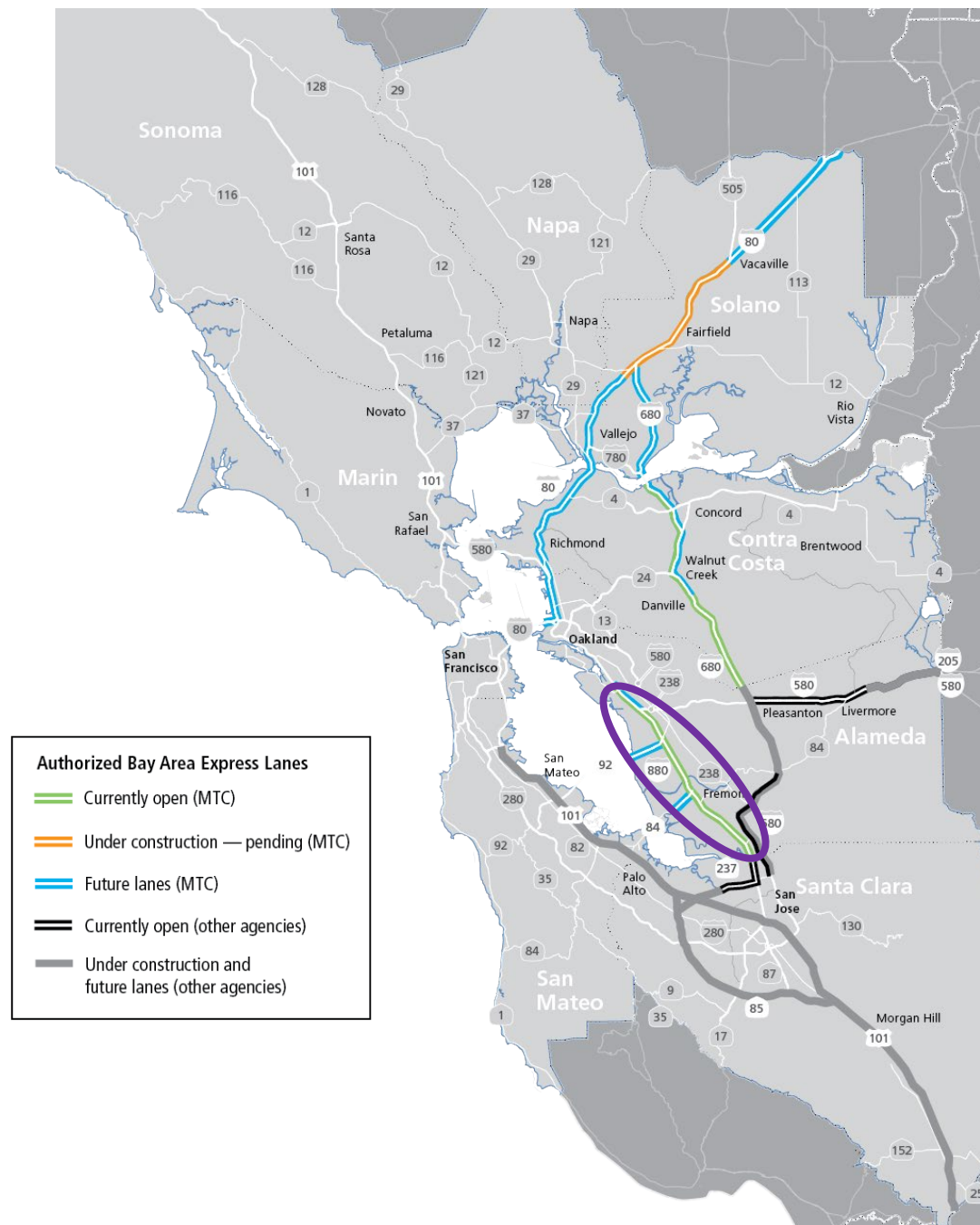
Pre-tolling (August 2020)

Post-tolling (March 2021 – June 2021)





# I-880 Express Lanes



# BAIFA Express Lanes Operational Goal

Provide a reliable, congestion-free lane for buses, carpools and toll-paying single-occupant vehicles



# I-880 Managed Lanes Policies

	Before October 2, 2020	Present Condition
<b>Managed Lane Status</b>	HOV Lanes	Express Lanes
<b>Occupancy Policy</b>	2+ carpools	3+ toll free; 2-person: half toll; Solo drivers: full toll
<b>Clean Air Vehicle (CAV) Policy</b>	CAV – allowed	CAV must use FasTrak; Solo CAV driver: half toll
<b>Hours</b>	Monday – Friday: 5 – 9 AM and 3 – 7 PM	Monday – Friday: 5 AM – 8 PM
<b>FasTrak Policy</b>	No FasTrak tag requirements	Discounted travelers require FasTrak Flex or FasTrak CAV tag
<b>Lane Access Restrictions</b>	None – dashed line	Double white lines for approximately half the corridor length



# 880 Lane Performance Measures

Measure	Data Source	Data Notes
1. Traffic Speed	Toll System Data (Wavetronix)	System data – Reliable
2. Vehicle Throughput	Toll System Data	System data – Reliable
3. Vehicle Occupancy & Vehicle Type (observed)	Manual Vehicle Occupancy Counts	Challenging to collect with 100% accuracy
4. Vehicle Occupancy (declared)	Toll System Data	System data – Reliable Declaration itself relies on driver honesty

Before Data: August 2020

After Data: March 2021 – June 2021

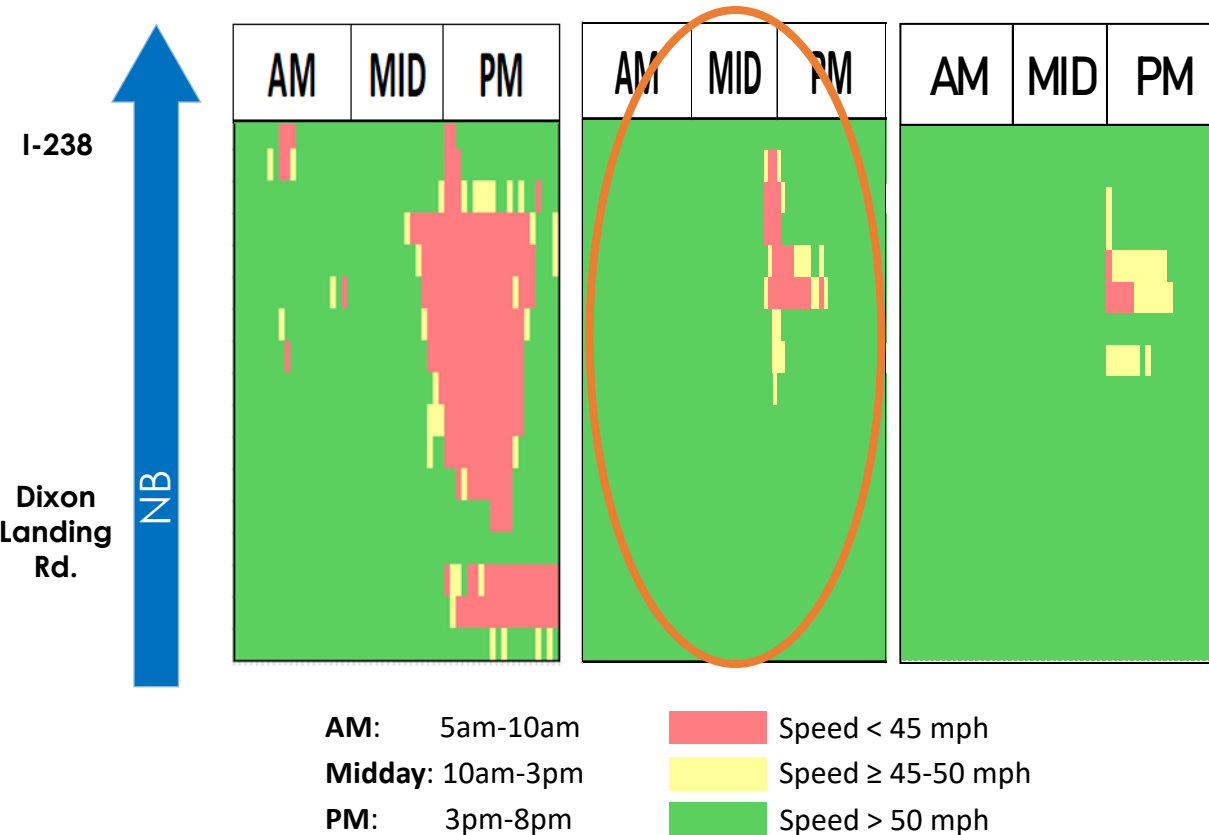
# Northbound Managed Lane Speed Increased

## Managed Lane

May 2019

Aug 2020

Jun 2021

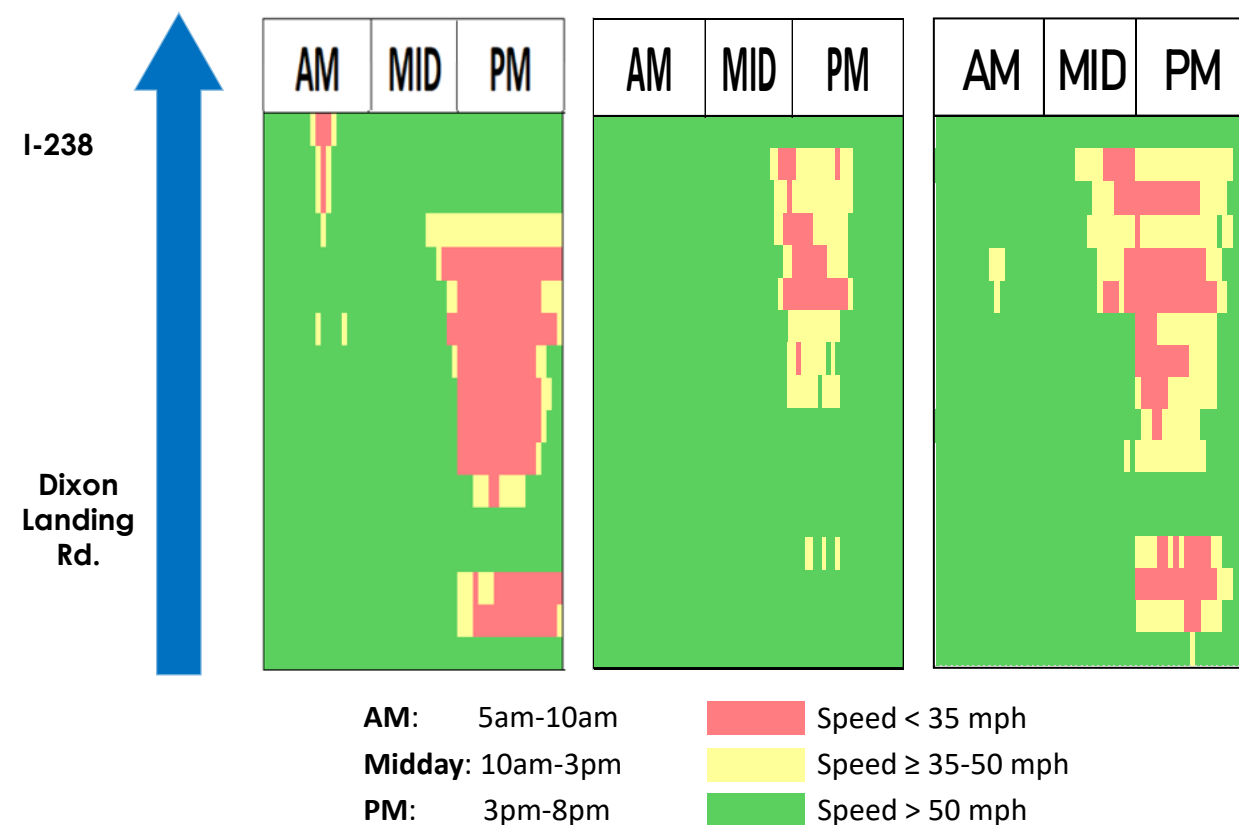


## General Purpose Lanes

May 2019

Aug 2020

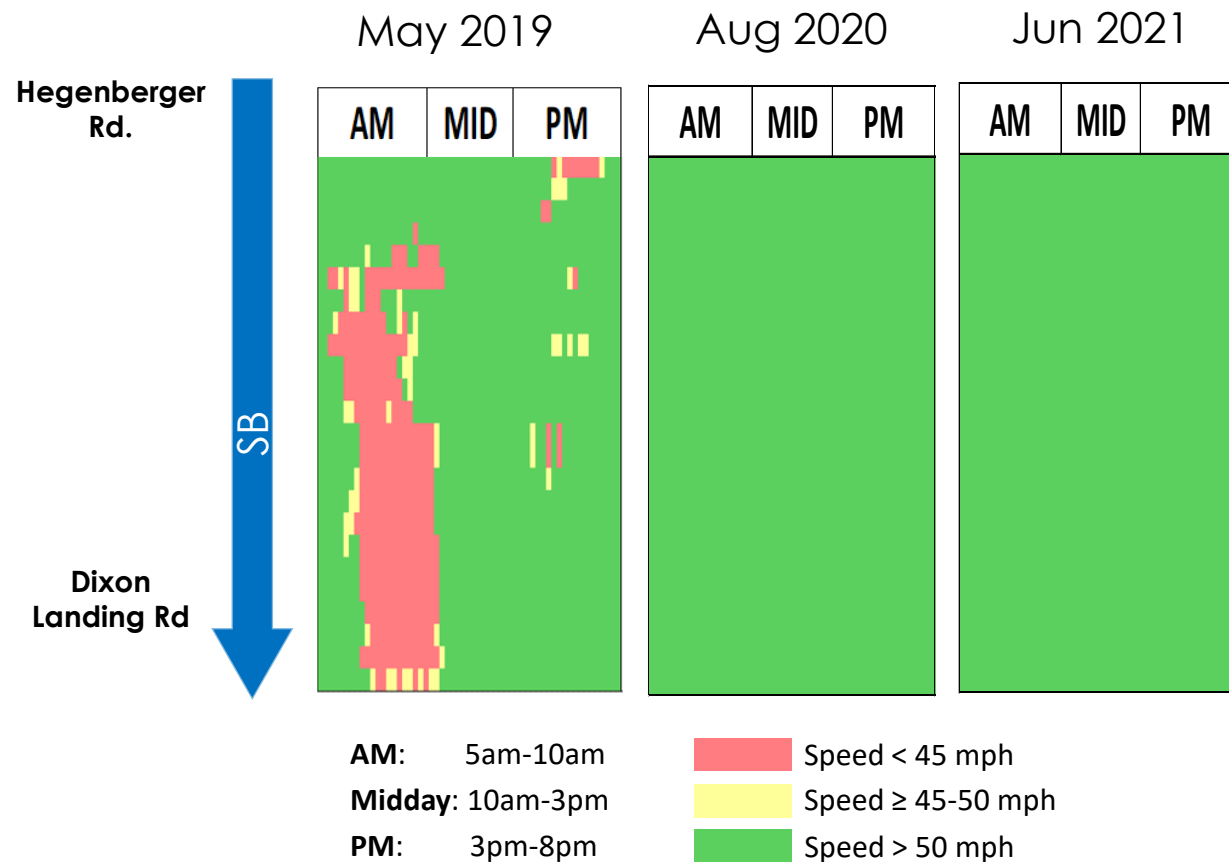
Jun 2021



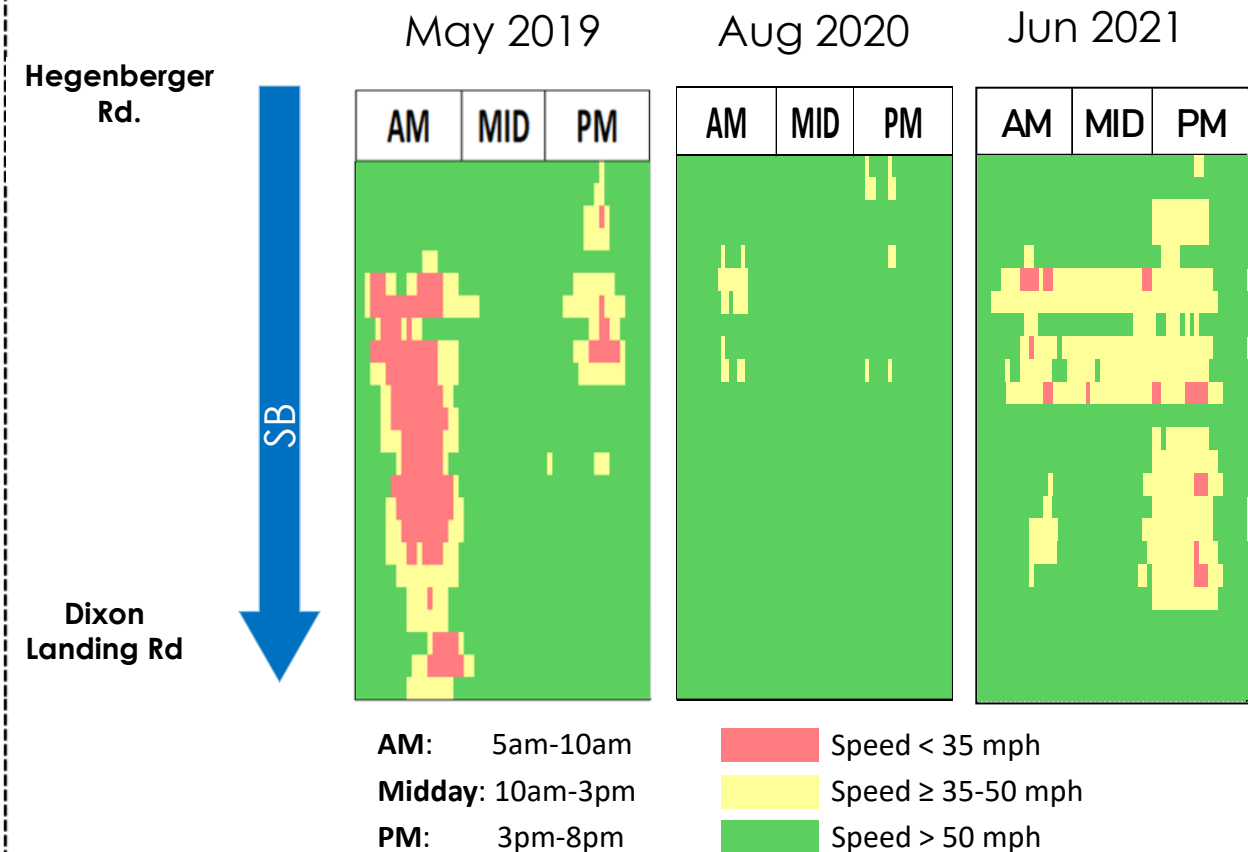
\* Based on Wavetrax toll system data for typical weekdays (Tuesdays-Thursdays)

# Southbound Managed Lane Speed Maintained

## Managed Lane

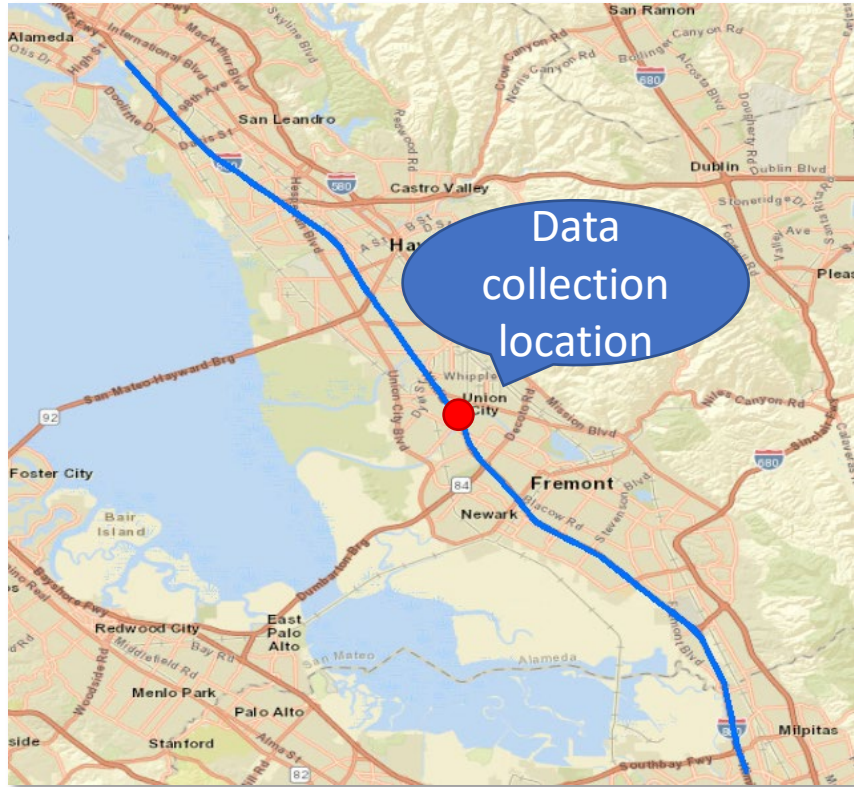


## General Purpose Lanes



\* Based on Wavetronix toll system data for typical weekdays (Tuesdays-Thursdays)

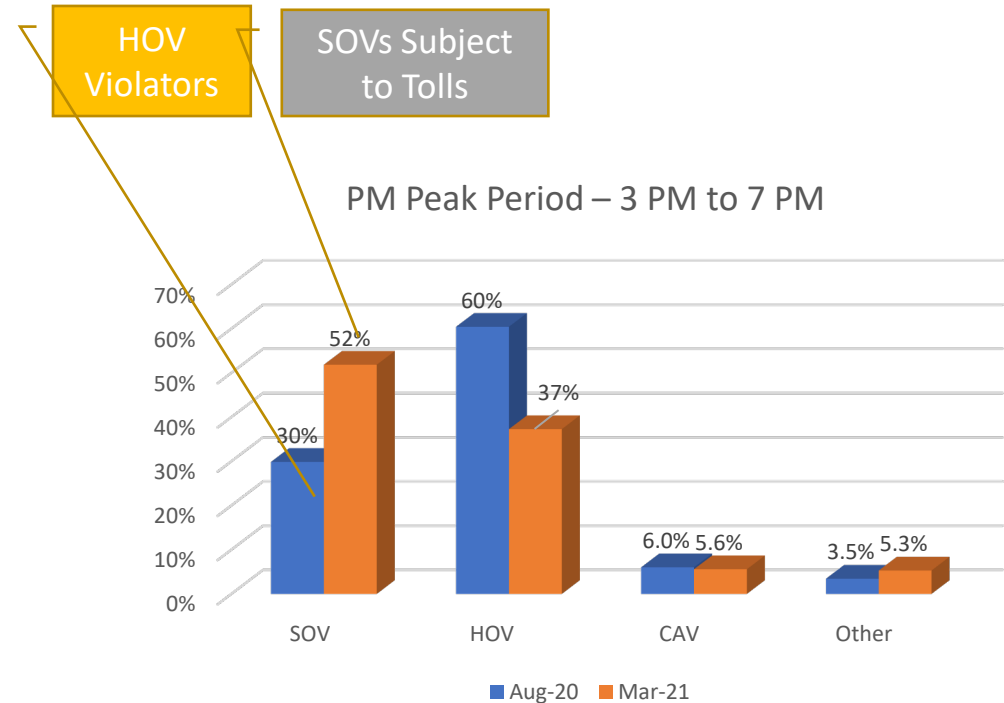
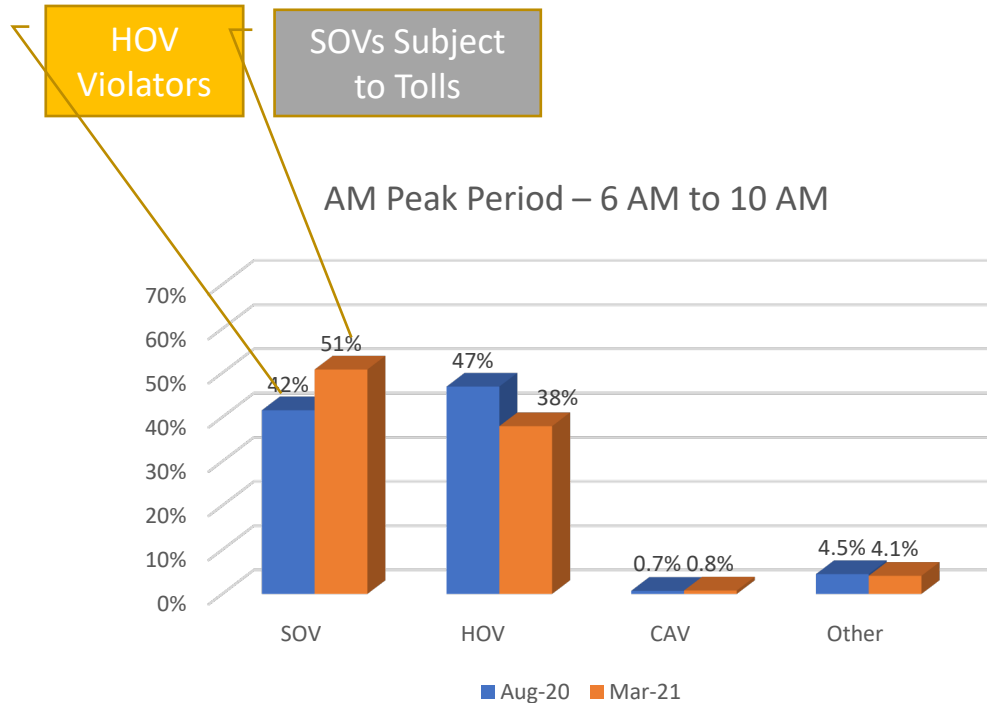
# Vehicle Throughput Maintained; Vehicle Shift in Lanes



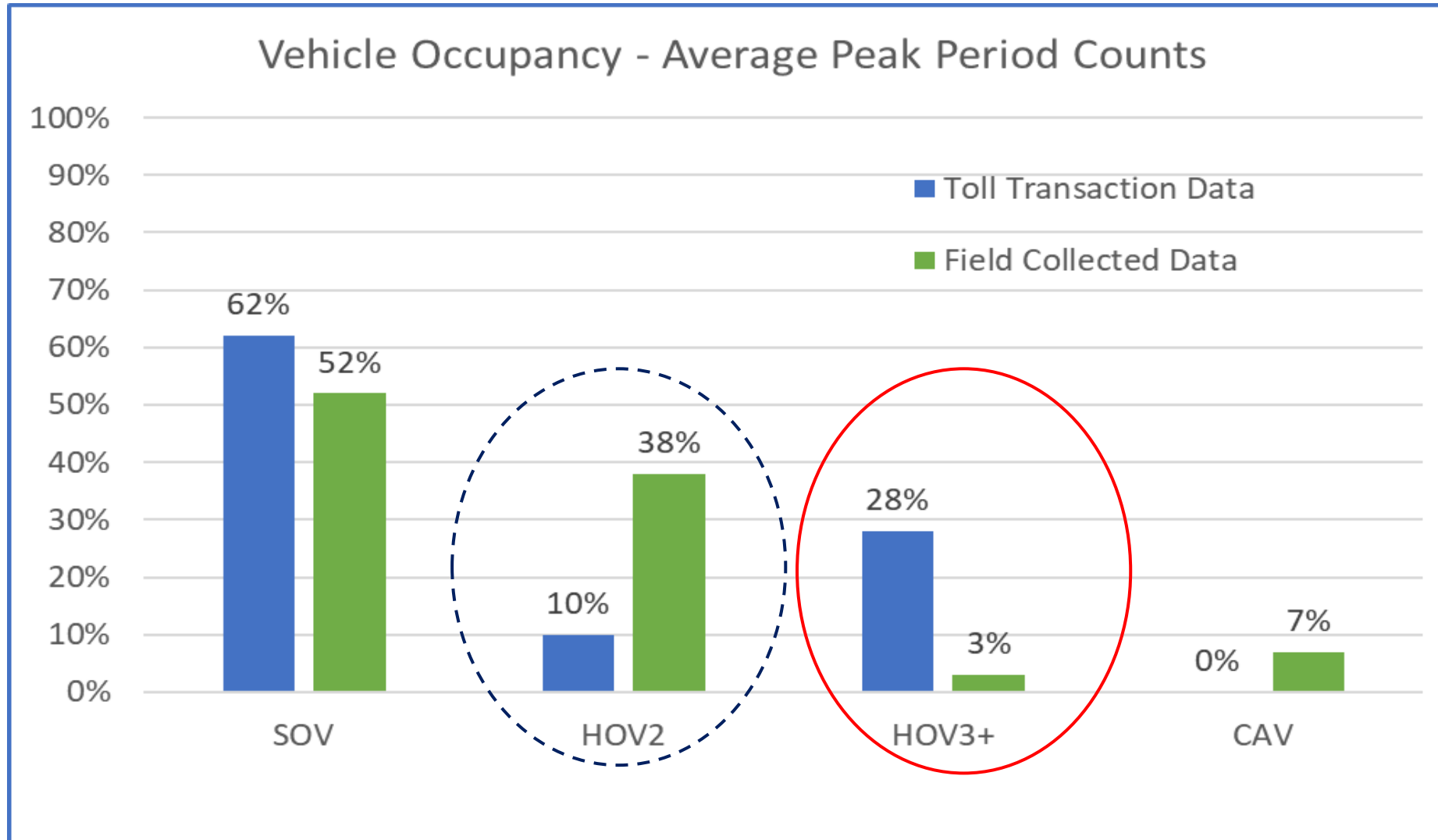
AM Peak Period (6-10a)				
	Lane Group	Throughput (Veh/Hr)		Difference
		Aug-20	Mar-21	
Northbound	HOV/EL	2.4 K	1.6 K	-34%
	GP	18.0 K	19.7 K	9%
	Corridor	20.4 K	21.2 K	4%
Southbound (peak dir)	HOV/EL	4.6 K	4.3 K	-7%
	GP	21.7 K	22.2 K	2%
	Corridor	26.3 K	26.5 K	1%
PM Peak Period (3-8p)				
	Lane Group	Throughput (Veh/Hr)		Difference
		Aug-20	Mar-21	
Northbound (peak dir)	HOV/EL	5.6 K	4.7 K	-16%
	GP	22.0 K	22.3 K	1%
	Corridor	27.6 K	27.0 K	-2%
Southbound	HOV/EL	3.8 K	3.2 K	-16%
	GP	20.8 K	21.0 K	1%
	Corridor	24.6 K	24.2 K	-2%

# Managed Lane Vehicle Occupancy -

## High HOV violations before tolling and carpool decline after tolling



# Express Lane Vehicle Occupancy - More claim toll-free status than observed



Note: License Plate trips registered by the toll system are counted as SOV trips



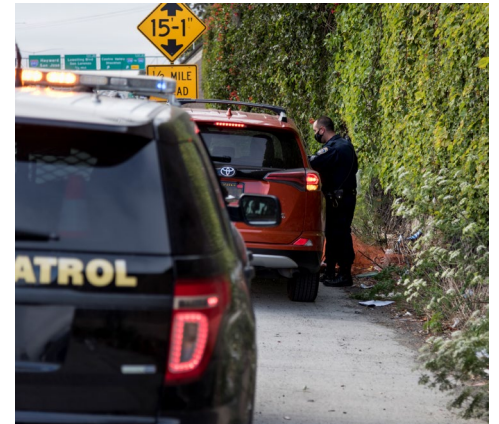
# Express Lane Performance Findings

- I-880 Express Lanes are
  - Largely congestion free
  - Faster than general purpose lanes
- Vehicle throughput maintained
- Tag rule compliance needs to be improved





# Action Items



- On-corridor messaging
- Marketing: GET, SET, GO!
- CHP Partnership







I-880

# BAIFA Express Lanes Performance





# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

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**File #:** 21-1215      **Version:** 1      **Name:**

**Type:** Report      **Status:** Informational

**File created:** 9/13/2021      **In control:** Bay Area Infrastructure Financing Authority

**On agenda:** 9/22/2021      **Final action:**

**Title:** Closed Session Public Comment

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:**

Date	Ver.	Action By	Action	Result
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**Subject:**  
Closed Session Public Comment

## Legislation Details (With Text)

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**File #:** 21-1216      **Version:** 1      **Name:**  
**Type:** Report      **Status:** Informational  
**File created:** 9/13/2021      **In control:** Bay Area Infrastructure Financing Authority  
**On agenda:** 9/22/2021      **Final action:**  
**Title:** Closed Session - CONFERENCE WITH LEGAL COUNSEL-ANTICIPATED LITIGATION

Significant Exposure to Litigation: One Case

The Authority will meet in closed session pursuant to Government Code Section 54956.9(a) and paragraph (2) of subdivision (d) of Government Code Section 54956.9 to confer with counsel.

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:**

Date	Ver.	Action By	Action	Result
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**Subject:**

Closed Session - CONFERENCE WITH LEGAL COUNSEL-ANTICIPATED LITIGATION

Significant Exposure to Litigation: One Case

The Authority will meet in closed session pursuant to Government Code Section 54956.9(a) and paragraph (2) of subdivision (d) of Government Code Section 54956.9 to confer with counsel.



# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

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**File #:** 21-1217      **Version:** 1      **Name:**

**Type:** Report      **Status:** Informational

**File created:** 9/13/2021      **In control:** Bay Area Infrastructure Financing Authority

**On agenda:** 9/22/2021      **Final action:**

**Title:** Reconvene in open session

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:**

Date	Ver.	Action By	Action	Result
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**Subject:**  
Reconvene in open session