



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

## Meeting Agenda

### Bay Area Toll Authority Oversight Committee

*Committee Members:*

*Amy R. Worth, Chair   Libby Schaaf, Vice Chair  
Margaret Abe-Koga, Carol Dutra-Vernaci, Federal D. Glover,  
Nick Josefowitz, Gina Papan, Hillary Ronen,  
Non-Voting Member: Dina El-Tawansy*

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Wednesday, February 10, 2021

9:35 AM

Board Room - 1st Floor (REMOTE)

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The Bay Area Toll Authority Oversight Committee is scheduled to meet on Wednesday, February 10, 2021 at 9:35 a.m., 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/82312098564>

Or iPhone one-tap: US: +14086380968,,82312098564# or +16699006833,,82312098564#

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

+1 408 638 0968 or +1 669 900 6833 or +1 253 215 8782 or +1 346 248 7799 or

+1 312 626 6799 or +1 646 876 9923 or +1 301 715 8592 or

877 853 5247 (Toll Free) or 888 788 0099 (Toll Free)

Webinar ID: 823 1209 8564

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

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 committee shall be a majority of its regular non-ex-officio voting members (5).*

## 2. Pledge of Allegiance

## 3. Compensation Announcement (Clerk)

## 4. Consent Calendar

- 4a. [21-0144](#) Minutes of the January 13, 2021 meeting
- Action: Committee Approval
- Attachments: [4a - 21-0144 - Jan 13 BATA O Draft Minutes.pdf](#)
- 4b. [21-0206](#) Contract Amendment- Civil Design for All-Electronic Tolling: AECOM Technical Services, Inc. (\$50,000)
- Action: Committee Approval
- Presenter: Peter Lee
- Attachments: [4b - 21-0206 - Contract Amendment AET AECOM.pdf](#)

## 5. Information

- 5a. [21-0109](#) Transition to All Electronic Tolling at BATA Bridges
- A status report on the transition to all electronic tolling, including introduction of invoices, on the seven State-owned bridges.
- Action: Information
- Presenter: Lynn Valdivia / Jeff Gerbracht
- Attachments: [5a - 21-0209 - Transition to AET\\_Corrected.pdf](#)

## 6. Public Comment / Other Business

## 7. Adjournment / Next Meeting

The next meeting of the BATA Oversight Committee is scheduled to be held on Wednesday, March 10, 2021 at 9:35 a.m. at the Bay Area Metro Center, 375 Beale Street, San Francisco, CA 94105 (remotely and by webcast as appropriate depending on the status of any shelter in place orders).

**Public Comment:** The public is encouraged to comment on agenda items at Committee meetings by completing a request-to-speak card (available from staff) and passing it to the Committee 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 Committee 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:** Committee 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 Titulo 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 Committee 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 Committee. Actions recommended by staff are subject to change by the Committee.

MTC's Chair and Vice-Chair are ex-officio voting members of all standing Committees.



# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

**File #:** 21-0144      **Version:** 1      **Name:**  
**Type:** Minutes      **Status:** Committee Approval  
**File created:** 12/28/2020      **In control:** Bay Area Toll Authority Oversight Committee  
**On agenda:** 2/10/2021      **Final action:**  
**Title:** Minutes of the January 13, 2021 meeting  
**Sponsors:**  
**Indexes:**  
**Code sections:**  
**Attachments:** [4a - 21-0144 - Jan 13 BATA O Draft Minutes.pdf](#)

Date	Ver.	Action By	Action	Result
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**Subject:**  
Minutes of the January 13, 2021 meeting

**Recommended Action:**  
Committee Approval



# Metropolitan Transportation Commission Meeting Minutes

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

## Bay Area Toll Authority Oversight Committee

### *Committee Members:*

*Amy R. Worth, Chair   Libby Schaaf, Vice Chair  
Margaret Abe-Koga, Carol Dutra-Vernaci, Federal D. Glover,  
Nick Josefowitz, Gina Papan, Hillary Ronen,  
Non-Voting Member: Dina El-Tawansy*

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Wednesday, January 13, 2021

9:35 AM

Board Room - 1st Floor (REMOTE)

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### Call Remote Meeting to Order

#### 1. Roll Call / Confirm Quorum

**Present:** 8 - Commissioner Abe-Koga, Commissioner Dutra-Vernaci, Commissioner Glover,  
Commissioner Josefowitz, Commissioner Papan, Commissioner Ronen,  
Commissioner Schaaf, and Chair Worth

Non-Voting Member Present: Commissioner El-Tawansy

Ex Officio Voting Members Present: Commission Chair Haggerty and Commission Vice Chair Pedroza

Ad Hoc Non-Voting Members Present: Commissioner Ahn, Commissioner Giacomini, Commissioner Mackenzie, and Commissioner Sperring

#### 2. Pledge of Allegiance

#### 3. Compensation Announcement (Committee Secretary)

#### 4. Consent Calendar

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

**Aye:** 8 - Commissioner Abe-Koga, Commissioner Dutra-Vernaci, Commissioner Glover,  
Commissioner Josefowitz, Commissioner Papan, Commissioner Ronen,  
Commissioner Schaaf and Chair Worth

**4a.**     [21-0038](#)     Minutes of the December 9, 2020 meeting

**Action:** Committee Approval

**4b.**     [21-0039](#)     Contract Amendment - Financial Advisory Services: PFM Financial  
Advisors LLC (\$600,000)

**Action:** Committee Approval

**Presenter:** Brian Mayhew

- 4c. [21-0110](#) Contract Amendment - I-580 Richmond-San Rafael (RSR) Bridge Access Improvement Project - On-Call Construction Management Services: WSP USA, Inc. (\$250,000)

**Action:** Committee Approval

**Presenter:** James Go

- 4d. [20-1632](#) Contract Amendment - On-Call Toll Bridge Asset Management Program Support on Richmond-San Rafael Bridge: WSP USA Inc. (\$400,000)

**Action:** Committee Approval

**Presenter:** Stephen Wolf

## 5. Approval

- 5a. [20-1721](#) BATA Resolution No. 142 - Authorizing the 2021 Plan of Finance; and Good Faith Estimate.

- i) A request that the Committee refer BATA Resolution No. 142 to the Authority for approval, authorizing the 2021 Plan of Finance; and
- ii) A request that the Committee approve the receipt of the Good Faith Estimate of costs.

**Action:** Authority Approval / Committee Approval

**Presenter:** Brian Mayhew

**Upon the motion by Commissioner Papan and the second by Commissioner Dutra-Vernaci, the Committee unanimously approved the referral of BATA Resolution No. 142 to the Authority for approval and approved receipt of the Good Faith Estimate of costs. The motion carried by the following vote:**

**Aye:** 8 - Commissioner Abe-Koga, Commissioner Dutra-Vernaci, Commissioner Glover, Commissioner Josefowitz, Commissioner Papan, Commissioner Ronen, Commissioner Schaaf and Chair Worth

## 6. Public Comment / Other Business

Written public comment was received from Aleta Dupree.

Aleta Dupree was called to speak.

Roland Lebrun was called to speak.

[21-0217](#) Public Comments Received

**7. Adjournment / Next Meeting**

**The next meeting of the BATA Oversight Committee is scheduled to be held on Wednesday, February 10, 2021 at 9:35 a.m. at the Bay Area Metro Center, 375 Beale Street, San Francisco, CA 94105 (remotely and by webcast as appropriate depending on the status of any shelter in place orders).**



# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

**File #:** 21-0206      **Version:** 1      **Name:**  
**Type:** Contract      **Status:** Committee Approval  
**File created:** 1/11/2021      **In control:** Bay Area Toll Authority Oversight Committee  
**On agenda:** 2/10/2021      **Final action:**  
**Title:** Contract Amendment- Civil Design for All-Electronic Tolling: AECOM Technical Services, Inc. (\$50,000)  
**Sponsors:**  
**Indexes:**  
**Code sections:**  
**Attachments:** [4b - 21-0206 - Contract Amendment AET AECOM.pdf](#)

Date	Ver.	Action By	Action	Result
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**Subject:**  
Contract Amendment- Civil Design for All-Electronic Tolling: AECOM Technical Services, Inc. (\$50,000)

**Presenter:**  
Peter Lee

**Recommended Action:**  
Committee Approval

# Bay Area Toll Authority Oversight Committee

February 10, 2021

Agenda Item 4b - 21-0206

## Contract Amendment- Civil Design for All-Electronic Tolling: AECOM Technical Services, Inc. (\$50,000)

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**Subject:** A request for Committee approval to enter into a contract amendment with AECOM Technical Services Inc. (AECOM) to provide design support for the All-Electronic Tolling Project on the BATA Toll Bridges.

**Background** To support all-electronic tolling (AET), BATA is replacing the portable changeable message signs and conflicting static signs with permanent signage improvements and possible striping improvements. Interim AET signage and portable message signs have recently been implemented with the transition to toll invoicing at the start of 2021. Other tolling infrastructure, like booths, will remain in place until the Open Road Tolling Project is completed.

Under the 2017 Request for Qualifications (RFQ) that established the BATA On-Call Construction Management Design Services Bench, eight firms, including AECOM, proposed and were qualified to provide design services. AECOM has been selected for past work on revising signage plans for the implementation of the Regional Measure 3 toll increase in 2018 and the Bay Bridge Forward Project.

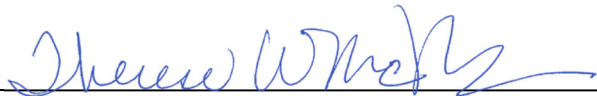
In July 2020, this Committee authorized a contract amendment with AECOM in an amount not to exceed \$250,000 for permanent AET signage changes. While the permanent design work is nearly complete, additional funds are needed to complete the design and support during construction. The increase is due to additional scope to support the interim implementation, additional reviews and comments by stakeholders, and changes to the delivery schedule. Installation of new permanent AET signage is expected to begin in March.

AECOM has requested \$50,000 in additional funds to complete and support the work. Staff has reviewed the request and recommend approval of a contract amendment. Funding for the change is available in the project budget in the Toll Bridge Rehabilitation Program.

Attachment A-1 includes a summary of AECOM and its project team's small business and disadvantaged business enterprise status.

**Recommendation:** Staff recommends that the Committee authorize the Executive Director or designee to negotiate and enter into a contract amendment with AECOM in an amount not to exceed \$50,000 for civil design services to support All-Electronic Tolling.

**Attachments:** Attachment A-1 – Small Business and Disadvantaged Business Enterprise Status; Request for Committee Approval Sheets

  
Therese W. McMillan

# Attachment A-1

## AECOM Technical Services, Inc. Small Business Enterprise and Disadvantaged Business Enterprise Status

	Firm Name	Role on Project	DBE* Firm			SBE** Firm		
			Yes	If Yes, List #	No	Yes	If Yes, List #	No
Prime Contractor	AECOM Technical Services, Inc.	Project Management; Preliminary Engineering, Traffic Operations Analysis, Environmental Studies			X			X
Sub Contractor	Associated Right of Way Services, Inc.	Right-of-Way			X			X
	BayMetrics	Data Collection	X	28904				X
	Bess Testlab, Inc.	Utilities Support	X	34267				X
	Earthview Science	Visual Services			X	X	2011133	
	Econ Northwest	Revenue Analysis			X			X
	Elite Transportation Group	Travel Demand Forecast	X	45726		X	2011002	
	Illingworth & Rodkin, Inc.	Acoustic Support			X			X
	Pitcher Services, LLC	Geotechnical Support			X			X
	Radman Aerial Surveys	Aerial Surveys			X			X
	WRECO	Drainage Support	X	30066				X

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

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

## REQUEST FOR COMMITTEE APPROVAL

### Summary of Proposed Contract Amendment

Work Item No.:	1251
Contractor:	AECOM Technical Services, Inc. San Francisco, CA
Work Project Title:	Civil design for conversion to All-Electronic tolling at the toll bridges
Purpose of Project:	Civil design to support conversion of toll plazas to All-Electronic tolling
Brief Scope of Work:	Design permanent signage and striping to remove cash collection and convert to All-Electronic tolling
Project Cost Not to Exceed:	\$50,000 this amendment Total contract value before this amendment: \$7,000,000 Maximum contract amount after this amendment: \$7,050,000
Funding Source:	Toll Bridge Rehabilitation Program Funds
Fiscal Impact:	\$50,000 is included in the Toll Bridge Rehabilitation Program budget for FY 2020-21.
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a contract amendment with AECOM Technical Services, Inc. to provide design services as described above and in the BATA Oversight Committee Summary Sheet dated, February 10, 2021 and the Chief Financial Officer is authorized to set aside funds in the amount of \$50,000 for such contract amendment.
BATA Oversight Committee:	

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Amy Worth, Chair

Approved: February 10, 2021



# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

<b>File #:</b>	21-0109	<b>Version:</b>	1	<b>Name:</b>	
<b>Type:</b>	Report	<b>Status:</b>		Informational	
<b>File created:</b>	12/10/2020	<b>In control:</b>		Bay Area Toll Authority Oversight Committee	
<b>On agenda:</b>	2/10/2021	<b>Final action:</b>			
<b>Title:</b>	Transition to All Electronic Tolling at BATA Bridges				
	A status report on the transition to all electronic tolling, including introduction of invoices, on the seven State-owned bridges.				
<b>Sponsors:</b>					
<b>Indexes:</b>					
<b>Code sections:</b>					
<b>Attachments:</b>	<a href="#">5a - 21-0209 - Transition to AET_Corrected.pdf</a>				

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

Transition to All Electronic Tolling at BATA Bridges

A status report on the transition to all electronic tolling, including introduction of invoices, on the seven State-owned bridges.

### Presenter:

Lynn Valdivia / Jeff Gerbracht

### Recommended Action:

Information

# Bay Area Toll Authority Oversight Committee

February 10, 2021

Agenda Item 5a - 21-0109

## Transition to All Electronic Tolling at BATA Bridges

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**Subject:** A status report on the transition to all electronic tolling, including introduction of invoices, on the seven State-owned bridges.

**Background:** In late 2018, this Committee approved transitioning BATA bridges to all electronic tolling, with the bridge conversions occurring in a phased approach starting in late 2022. The plan included removal of toll booths and reconfiguring lanes and toll collection for open road tolling.

In response to the COVID shelter-in place order in March 2020, Caltrans removed toll collectors from the booths to protect toll collectors and the traveling public. As a result, toll collection at State-owned bridges became all electronic. Non-FasTrak<sup>®</sup> customers received a notice for the toll only with no penalty. These no-penalty notices were intended as a short-term solution to maintain toll collection during the emergency COVID situation. In May, June, and July 2020, this Committee approved contract actions for the expedited deployment of more robust all electronic tolling based on the existing invoicing model already used at the Golden Gate Bridge. In this model, non-FasTrak<sup>®</sup> customers receive a monthly invoice in the mail before receiving a toll violation, if the invoice is unpaid.

Starting January 1, 2021, invoicing began on the State-owned bridges. Non-FasTrak<sup>®</sup> customers will no longer receive single notices for each unpaid toll because system upgrades now permit all unpaid tolls within a given month to compile into a single invoice. Roadway signage at the toll plazas and overhead structures has been updated, with additional improvements planned for the spring.

The emergence of COVID enabled Caltrans and BATA to implement all electronic tolling much earlier than the planned spring 2022 schedule. Although this milestone has been achieved, the back-end work to ultimately convert the bridges to open road tolling continues. Over the past year, BATA hired a consultant to provide program oversight services and development of a request for proposal to procure an open road toll system to replace BATA's aging toll system. Open road tolling has the potential to provide essential transportation benefits and is a key component of other regional transportation projects, including BATA's "Forward" projects.


The program schedule currently shows the first bridge converting to open road tolling in late 2023 and the last bridge (Bay Bridge) in 2026. The program

team has started discussions with Caltrans to identify faster methods to deliver the program. The estimated cost of the program is \$77 million with \$17 million in design costs and \$60 million to complete civil construction, toll system installation and customer service center integration. A proposed funding plan is currently under development. Recommendations on funding priorities and assessment of the potential for additional funding sources are scheduled for discussion at the March BATA Recovery Ad Hoc Working Group meeting.

**Issues:** None

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

**Attachments:** Presentation Slides.

  
\_\_\_\_\_  
Therese W. McMillan

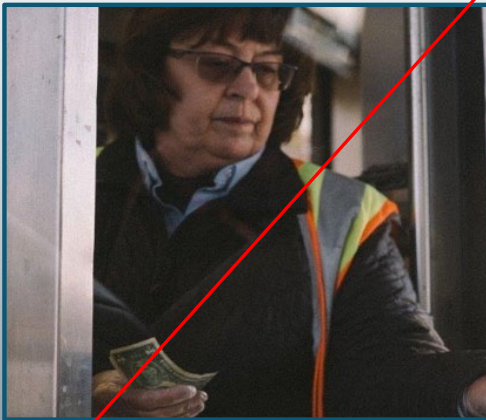


# Transition to All Electronic Tolling at BATA Bridges

February 10, 2021



# TOLL COLLECTION PAST, PRESENT, & FUTURE



ALL CASH TOLL  
COLLECTION



CASH/FASTRAK®



ALL ELECTRONIC  
TOLLING\*



OPEN ROAD  
TOLLING

Implemented

Underway

\* COVID-19 Cashless Tolling upgraded to All Electronic Tolling in January 2021



# INVOICES REPLACE CASHLESS TOLLING

- Send an invoice for toll only
- Promote new payment methods
- Re-establish violation processes
- Implement internal procedures to support invoice processing

Mar. – Dec. 2020

## Cashless Tolling



Cashless Notice (Toll Only)

Unpaid

Reminder Notice (Toll Only)

Unpaid

Violation Notice (Toll Only)

Unpaid

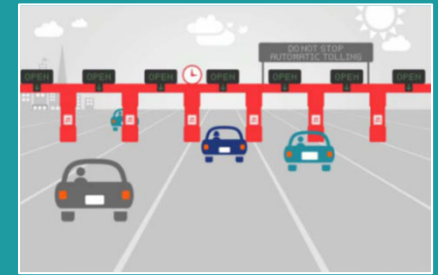
Second Notice (Toll Only)

Unpaid

DMV Hold/Collections

Jan. 2021

## All Electronic Tolling



Invoice (Toll Only)

Unpaid

Violation Notice  
\$25 per Transaction

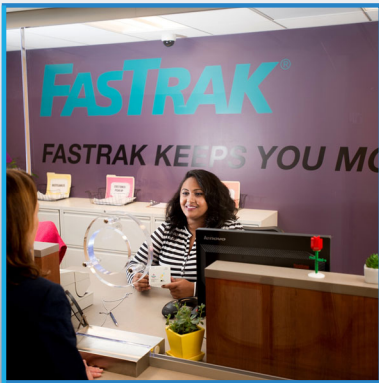
Unpaid

Second Notice  
\$70 per Transaction

Unpaid

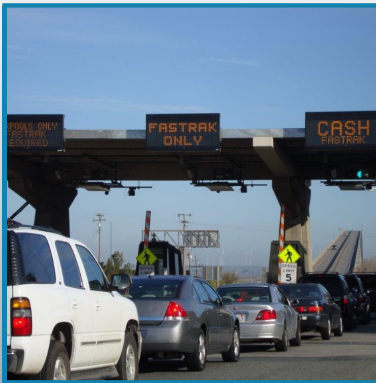
DMV Hold/Collections

# CASHLESS TO ALL ELECTRONIC TOLLING TRANSITION



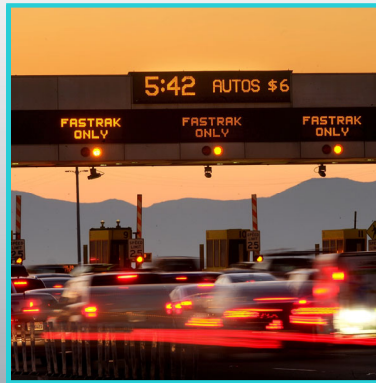
## FasTrak RCSC

- System changes for BATA invoices for 2021



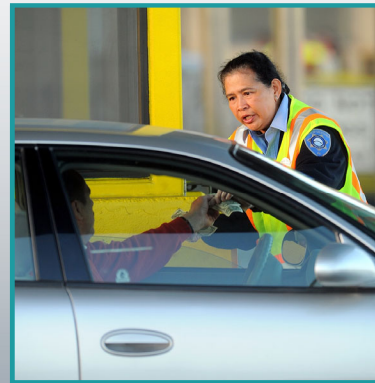
## Toll System

- Modified reports to include invoicing



## Toll Plaza Signage

- Temp sign updates in Jan
- Permanent signs to be installed in spring



## Toll Collectors

- Caltrans managing transition
- Securing plazas



## Communications

- Outreach launched Jan. 18
- Billboards, radio, digital ads

# PROMOTING MORE WAYS TO PAY TOLLS

## FASTRAK



- Tag Account
- All Bay Area and CA toll facilities
- Maintain minimum balance
- Auto or manual reload
- Preferred account type
- Required for Bay Area Express Lanes

## TOLL INVOICE

**GOLDEN GATE BRIDGE TOLL INVOICE**

Invoice Number: 00110219  
Invoice Date: 08/06/19

Amount Due: \$8.35 Due Date: 08/06/19

License Plate: CA Vehicle: T0YT Date: 07/06/19 Time: 17:20:23 Lane: 27 Toll: \$8.35

**Payment Options:**  
Pay Online: <https://www.goldengate.org>  
Pay By Phone: (877) 229-8855

**LATE PAYMENT PENALTIES\***  
Invoice payments not received in full by the due date may result in the issuance of a Notice of Delinquency for all Tolls + \$25 penalty for each transaction.

\* Forward to California Streets and Highways Code Section 45030 or send your California Vehicle Code (Sections 21600 and 21602.5).

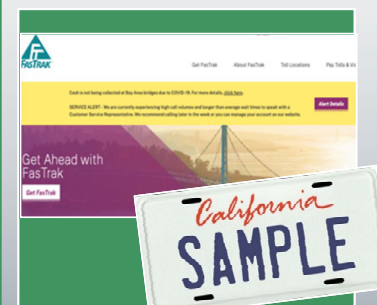
- Invoice by mail
- All Bay Area bridges

## LICENSE PLATE ACCOUNT



- License plate tied to account
- All Bay Area bridges
- Pay as you go

## ONE-TIME PAYMENT



- Limited-term License Plate Account
- All Bay Area bridges
- Pre-pay up to 30 days in advance or post-pay within 48 hours
- Infrequent or out-of-town drivers

# CUSTOMER SERVICE CENTER COVID MITIGATION



## Prevention

- CSC work from home program
- Work site entry screenings
- Safe work practices

QUARANTINE  
COVID-19

## Mitigation

- Decontamination of work area
- Contact tracing protocols
- Prompt removal of potentially infectious employees



## Impacts to CSC

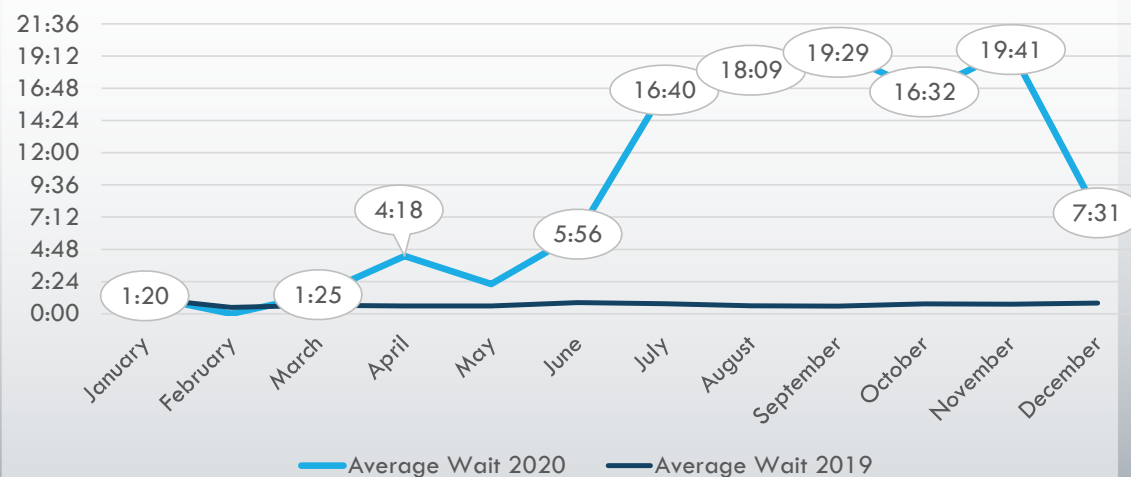
- High absenteeism rates
- Seating capacity reductions
- Hiring and new hire training limits

# CUSTOMER SERVICE CENTER OPERATIONS

- Summer/Fall customers experienced long wait times, now improving
- Contractor increasing staffing
- Contractual penalties reinstated in November

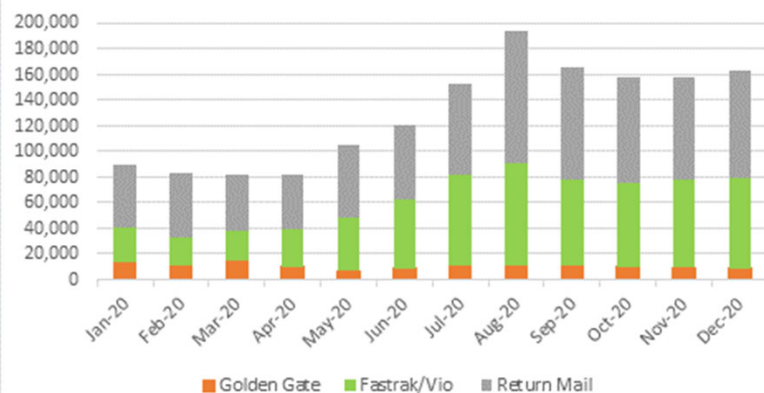


Average Call Answering Wait Times



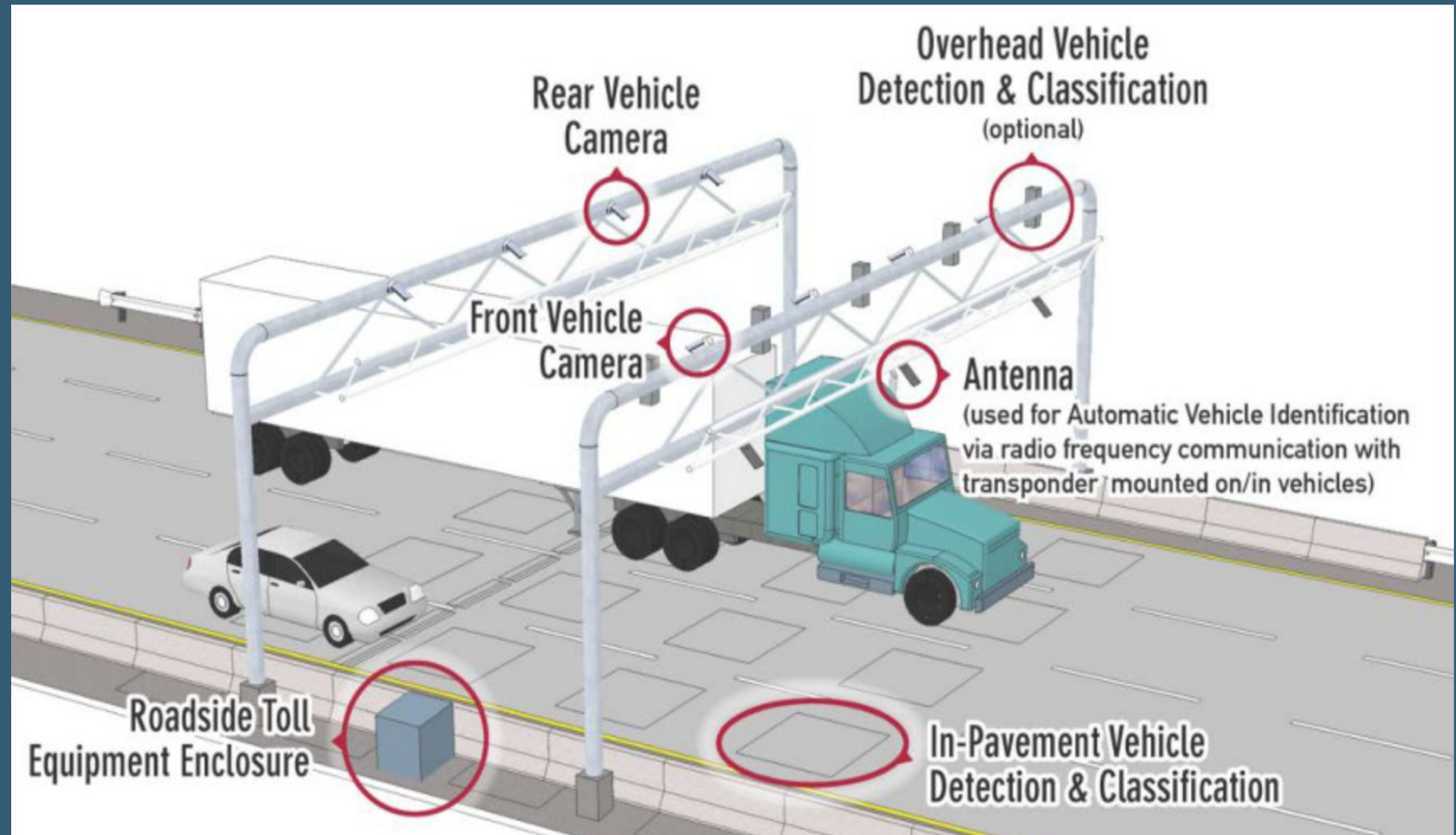
- Mail Volumes have increased
- Contractor added additional personnel and mail processing equipment

Mail Volumes



# NEXT TRANSITION: OPEN ROAD TOLLING

- Newest technology to replace aging system
- Plazas & booths removed
- Traffic lanes redesigned for highway speeds, increasing safety



## PROGRESS TOWARDS ACHIEVING OPEN ROAD TOLLING (2020)

- Program oversight firm began (WSP)
- Draft ORT Toll System RFP completed
- Richmond Forward civil design firm hired (Kimley Horn)
- Northern Bridges civil design firm hired (HDR)
- Upgraded RCSC to implement customer invoicing
- Initiated Caltrans Working Group



# FUTURE OPEN ROAD TOLLING EXAMPLE – BAY BRIDGE

10



# BAY BRIDGE ORT – DRIVER'S PERSPECTIVE

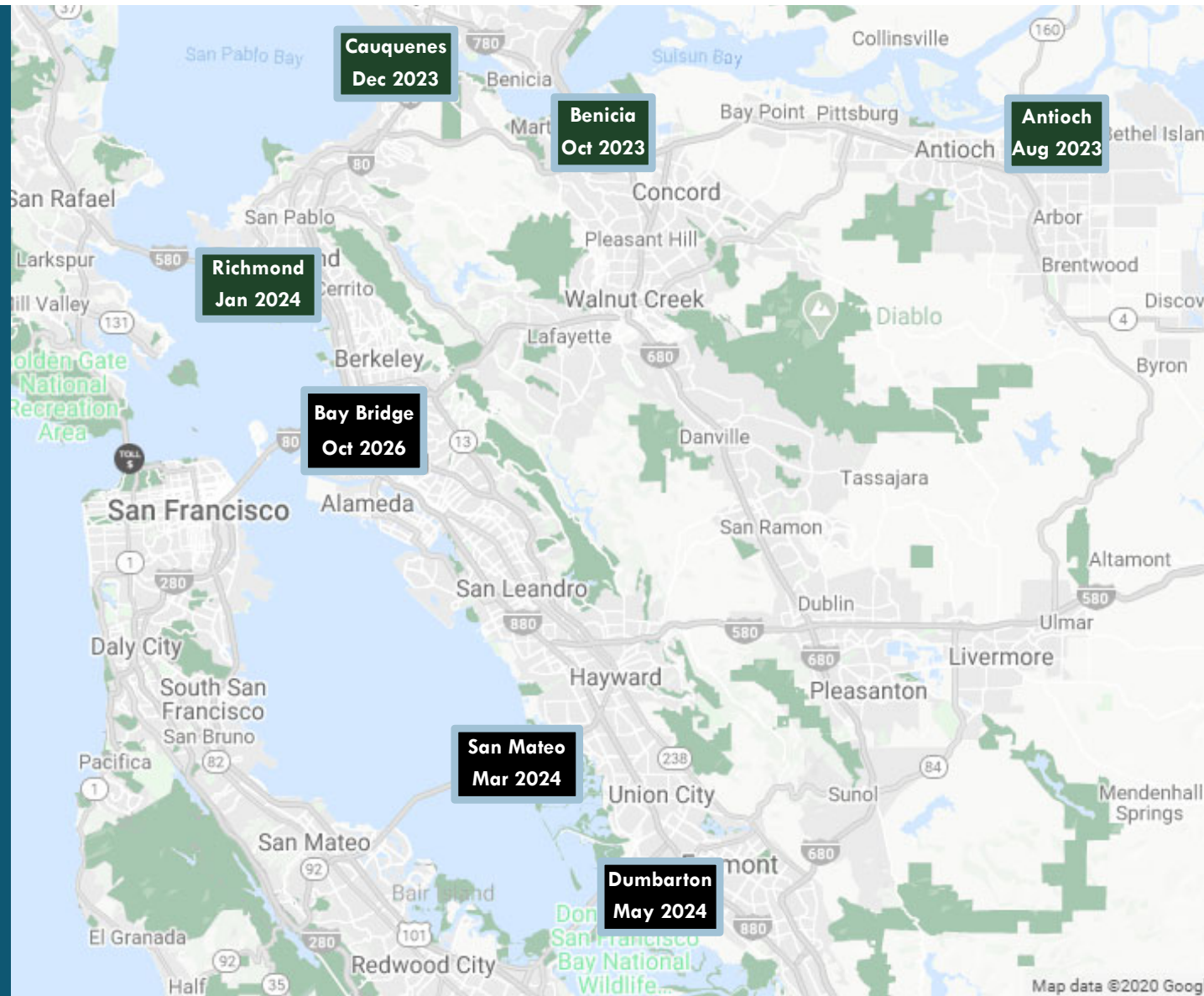
11



# OPEN ROAD TOLLING

## PROPOSED CONVERSION SCHEDULE

- Northern Bridges 2023
- Southern Bridges 2024
- Bay Bridge 2026



# OPEN ROAD TOLLING BUDGET

PHASES	TOTAL ESTIMATED COST
Cashless Tolling to All Electronic Tolling Conversion	\$4.9M
Phase I – Environmental, Civil & Toll System Design	\$17.1M
Phase 2 – Complete Installation/Go Live	\$55.0M
<b>TOTAL</b>	<b>\$77.0M</b>



# QUESTIONS?

