



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

*Jeannie Bruins, Carol Dutra-Vernaci, Federal D. Glover,
Nick Josefowitz, Gina Papan, Hillary Ronen,
Non-Voting Member: Tony Tavares*

Wednesday, January 8, 2020

9:30 AM

Board Room - 1st Floor

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

1. 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 (Committee Secretary)

4. Consent Calendar

4a. [20-0002](#) Minutes of the December 11, 2019 meeting

Action: Committee Approval

Attachments: [4a 12-11-2019_BATA_O_Draft_Minutes.pdf](#)

4b. [20-0039](#) BATA Financial Statements for October 2019

Action: Information

Presenter: Raymond Woo

Attachments: [4b 20-0039_Financial_Statements_Oct2019.pdf](#)

- 4c. [19-1370](#) Contract Amendment - I-580 Richmond-San Rafael Bridge Access Improvement Project - Concrete Reactive Tension System-QuickChange Moveable Barrier: Lindsay Transportation Solutions Sales & Service, LLC (\$685,000 plus \$35,000 contingency)
- Action: Committee Approval
- Presenter: Chris Lillie
- Attachments: [4c_19-1370_ContractAmend_LindsayTransportation_MoveableBarrier.pdf](#)
- 4d. [20-0048](#) Contract Amendment - I-580 Richmond-San Rafael (RSR) Bridge Access Improvement Project - On-Call Construction Management Services: WSP USA, Inc. (\$583,000)
- Action: Committee Approval
- Presenter: Chris Lillie
- Attachments: [4d_20-0048_ContractAmend_WSP_RSRbridge.pdf](#)
- 4e. [20-0010](#) Contract Amendment - San Francisco - Oakland Bay Bridge (SFOBB) Oakland Bicycle-Pedestrian Connection Project: T.Y. Lin International (\$700,000)
- Action: Committee Approval
- Presenter: Rosalyn Chongchaikit
- Attachments: [4e_20-0010_ContractAmend_TYLin_SFOBB_Link_Pathway.pdf](#)
- 4f. [19-1261](#) Contract Amendment - Construction and Maintenance Zone Enhanced Enforcement Program: California Highway Patrol (CHP) (\$1,775,000)
- Action: Committee Approval
- Presenter: Angela Louie
- Attachments: [4f_19-1261_ContractAmend_CHP_EnhancedEnforcement.pdf](#)
- 4g. [20-0007](#) Contract Change Order - FasTrak® Regional Customer Service Center: Temporary License Plate DMV Hold Processing: Conduent State and Local Solutions, Inc. (\$307,248)
- Action: Committee Approval
- Presenter: Beth Zelinski
- Attachments: [4g_20-0007_ContractChangeOrder_Conduent_TemporaryPlates.pdf](#)

5. Approval

- 5a. [19-1347](#) BATA Resolution No. 130, Revised - Amendments to the FY 2019-20 Toll Bridge Program Operating and Capital Budgets

A request that the Committee refer BATA Resolution No. 130, Revised to the Authority for approval of an amendment to the FY 2019-20 Toll Bridge Program Operating and Capital Budgets to add two new positions to the Operating Budget and to make modifications to the BATA Toll Bridge Rehabilitation Program.

Action: Authority Approval

Presenter: Brian Mayhew

Attachments: [5a_19-1347_1-BATA Reso-130_FY2019-20_Budget_Amendments.pdf](#)

6. Information

- 6a. [20-0072](#) MTC/BATA Preference Programs and Goals

An update on Agency preference programs including SBE Preference Program revisions, results of CA Preference Program research and planned future efforts to expand preference programs.

Action: Information

Presenter: Michael Brinton

Attachments: [6a_20-0072_Preference_Programs_Update.pdf](#)

7. Public Comment / Other Business

8. Adjournment / Next Meeting:

The next meeting of the Bay Area Toll Authority Oversight Committee is scheduled to be held on February 12, 2020 at 9:30 a.m. at the Bay Area Metro Center, 375 Beale Street, San Francisco, CA.

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) 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.

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 #: 20-0002 **Version:** 1 **Name:**
Type: Minutes **Status:** Consent
File created: 11/22/2019 **In control:** Bay Area Toll Authority Oversight Committee
On agenda: 1/8/2020 **Final action:**
Title: Minutes of the December 11, 2019 meeting
Sponsors:
Indexes:
Code sections:
Attachments: [4a_12-11-2019_BATA_O_Draft_Minutes.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:
Minutes of the December 11, 2019 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

*Jeannie Bruins, Carol Dutra-Vernaci, Federal D. Glover,
Nick Josefowitz, Gina Papan, Hillary Ronen,
Non-Voting Member: Tony Tavares*

Wednesday, December 11, 2019

9:30 AM

Board Room - 1st Floor

Call Meeting to Order

1. Roll Call / Confirm Quorum

- Present:** 8 - Commissioner Dutra-Vernaci, Commissioner Haggerty, Commissioner Josefowitz, Commissioner Papan, Commissioner Pedroza, Commissioner Ronen, Commissioner Schaaf, and Chair Worth
- Absent:** 2 - Commissioner Bruins, and Commissioner Glover

Commission Chair Haggerty and Commission Vice Chair Pedroza were deputized to make quorum of the Committee.

Non-Voting Member Absent: Commissioner Tavares

Ad Hoc Non-Voting Members Present: Commissioner Giacomini, Commissioner Halsted, and Commissioner Spering

2. Pledge of Allegiance

3. Compensation Announcement (Committee Secretary)

4. Consent Calendar

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

- Aye:** 5 - Commissioner Dutra-Vernaci, Commissioner Haggerty, Commissioner Pedroza, Commissioner Ronen and Chair Worth
- Absent:** 5 - Commissioner Bruins, Commissioner Glover, Commissioner Josefowitz, Commissioner Papan and Commissioner Schaaf

4a. [19-1248](#) Minutes of the November 13, 2019 meeting

Action: Committee Approval

- 4b. [19-1249](#) BATA Financial Statements for September 2019
Action: Information
Presenter: Raymond Woo
- 4c. [19-1277](#) Contract Change Order - FasTrak® Regional Customer Service Center:
Support Express Lanes: Conduent State and Local Solutions, Inc.
(\$608,604)
Action: Committee Approval
Presenter: Beth Zelinski
- 4d. [19-1283](#) Contract Amendment - San Francisco-Oakland Bay Bridge and Toll Bridge
Rehabilitation Program Support: Zoon Engineering, Inc. (\$530,000)
Action: Committee Approval
Presenter: Peter Lee
- 4e. [19-1284](#) Funding Agreement - San Francisco-Oakland Bay Bridge (SFOBB) Yerba
Buena Island Bridge Landing and Public Pier Operations and
Maintenance: San Francisco County Transportation Authority (\$400,000 for
a two-year period)
Action: Committee Approval
Presenter: Peter Lee
- 4f. [19-1285](#) BATA Resolution No. 133 - BATA Project Risk Management Policy and
Procedures
Action: Authority Approval
Presenter: Peter Lee
- 4g. [19-1329](#) Regional Measure 3 Annual Report to the Legislature
Action: Authority Approval
Presenter: Craig Bosman

5. Approval

- 5a. [19-1181](#) Contract Amendment - Advanced Toll Collection and Accounting System (ATCAS II): TransCore, LP (\$6,400,000)

A request for approval of a contract amendment with TransCore, LP (TransCore) in an amount not to exceed \$6,400,000 to provide funds for two additional years of toll system maintenance.

Action: Committee Approval

Presenter: Jeff Gerbracht

Commissioner Josefowitz and Commissioner Schaaf arrived during agenda item 5a.

Upon the motion by Commissioner Schaaf and the second by Commissioner Ronen, the Committee unanimously approved the contract amendment with TransCore, LP. The motion carried by the following vote:

Aye: 7 - Commissioner Dutra-Vernaci, Commissioner Haggerty, Commissioner Josefowitz, Commissioner Pedroza, Commissioner Ronen, Commissioner Schaaf and Chair Worth

Absent: 3 - Commissioner Bruins, Commissioner Glover and Commissioner Papan

- 5b. [19-1355](#) Funding Agreement - Sir Francis Drake Boulevard Overcrossing Bicycle Path: Transportation Authority of Marin (TAM) (\$1,300,000 for capital construction)

A request to enter into a funding agreement with the Transportation Authority of Marin to receive up to \$1,300,000 in funds to allow BATA to complete construction of a barrier separated bicycle only path on the I-580 Sir Francis Drake westbound off-ramp.

Action: Committee Approval

Presenter: Chris Lillie

Commissioner Papan arrived during agenda item 5b.

Upon the motion by Commissioner Pedroza and the second by Commissioner Schaaf, the Committee unanimously approved the funding agreement with the Transportation Authority of Marin. The motion carried by the following vote:

Aye: 8 - Commissioner Dutra-Vernaci, Commissioner Haggerty, Commissioner Josefowitz, Commissioner Papan, Commissioner Pedroza, Commissioner Ronen, Commissioner Schaaf and Chair Worth

Absent: 2 - Commissioner Bruins and Commissioner Glover

6. Public Comment / Other Business

7. Adjournment / Next Meeting

The next meeting of the Bay Area Toll Authority Oversight Committee is scheduled to be held on January 8, 2020 at 9:30 a.m. at the Bay Area Metro Center, 375 Beale Street, San Francisco, CA.



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 20-0039 **Version:** 1 **Name:**

Type: Report **Status:** Consent

File created: 12/2/2019 **In control:** Bay Area Toll Authority Oversight Committee

On agenda: 1/8/2020 **Final action:**

Title: BATA Financial Statements for October 2019

Sponsors:

Indexes:

Code sections:

Attachments: [4b_20-0039_Financial_Statements_Oct2019.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:
BATA Financial Statements for October 2019

Presenter:
Raymond Woo

Recommended Action:
Information

Bay Area Toll Authority Oversight Committee

January 8, 2020

Agenda Item 4b

BATA Financial Statements for October 2019

Subject: Attached are the BATA financial statements for the four-month period ending October 2019. Major financial highlights include:

(1) **Revenues:** Total operating revenue of \$297 million is in line with the projected budget for FY 2019-20. Toll revenue of \$251 million is 2% ahead of the projected budget. Interest revenue of \$16.4 million is relatively in line with the budget. YTD subsidy payments from the U.S. Government to offset the interest expense of the Build America Bonds is at \$18 million.

Regional Measure 3 (RM3) related revenue collected is \$46.5 million. This revenue is kept in escrow and will not be available until the two RM3 lawsuits have reached a final, non-appealable resolution in favor of RM3.

(2) **Expense:** Total operating expense of \$205 million is 23% of the total FY 2019-20 budget. As we get closer to midyear, contract and debt service costs will kick in giving us a more accurate expense picture.

(3) **Transfers to MTC and Association of Bay Area Governments (ABAG):** The budgeted annual 1% administration fee for MTC and operating contribution to the ABAG Estuary Partnership were transferred at the beginning of the fiscal year. BATA also transferred the budgeted PERS retirement payment to MTC.

(4) **Actions under Executive Director Contract signature authority:** please see Attachment A page 2.

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 – BATA Financial Statements for period ending October 31, 2019


Therese W. McMillan

Agenda Item 4b Attachment A

BATA Operating Budget

As of October 2019

	FY 2019-20	Actual	Current Budget	% of Budget	year		YTD Total
	Budget	YTD	Balance Over/(Under)	(col 2/1)	Expired Encumbrances	(Enc + YTD)	
REVENUE:							
1 RM 1 Toll Revenues	603,709,547	206,205,193	(397,504,354)	34.2%	33.3%	-	206,205,193
2 RM 2 Toll Revenues	130,989,803	44,551,097	(86,438,706)	34.0%	33.3%	-	44,551,097
3 Toll Violation Revenues	25,000,000	9,215,134	(15,784,866)	36.9%	33.3%	-	9,215,134
4 Other Revenue	-	877,136	877,136	N/A	33.3%	-	877,136
5 Interest Income	50,000,000	16,355,325	(33,644,675)	32.7%	33.3%	-	16,355,325
6 BAIFA Reimbursement	780,000	158,544	(621,456)	20.3%	33.3%	-	158,544
7 GGB&HTD Fastrak Reimbursement	7,200,000	682,685	(6,517,315)	9.5%	33.3%	-	682,685
8 SFO Fastrak Reimbursement	463,000	56,645	(406,355)	12.2%	33.3%	-	56,645
9 Alameda CMA Reimbursement	1,700,000	445,386	(1,254,614)	26.2%	33.3%	-	445,386
10 VTA 237 Express Lane Reimb.	660,000	32,930	(627,070)	5.0%	33.3%	-	32,930
11 Rebate for Build America Bonds	71,713,641	17,953,681	(53,759,960)	25.0%	33.3%	-	17,953,681
12 BAHA Reimbursement	2,000,000	-	(2,000,000)	0.0%	33.3%	-	-
13 Transbay Terminal Review Reimbursement	600,000	-	(600,000)	0.0%	33.3%	-	-
14 EBRPD Reimbursement	1,361,459	-	(1,361,459)	N/A	33.3%	-	-
Total Revenue	896,177,450	296,533,756	(599,643,694)	33.1%	33.3%	-	296,533,756
EXPENSE:							
Caltrans Operations and Maintenance:							
1 Toll Collection & Operations Services	24,000,000	7,905,420	(16,094,580)	32.9%	33.3%	-	7,905,420
2 Toll & Bridge Facility Maint	5,700,000	1,929,672	(3,770,328)	33.9%	33.3%	-	1,929,672
Caltrans O & M Subtotal	29,700,000	9,835,092	(19,864,908)	33.1%	33.3%	-	9,835,092
Fastrak Operations and Maintenance:							
3 RCSC Operations	27,000,000	4,419,247	(22,580,753)	16.4%	33.3%	22,580,753	27,000,000
4 ATCAS Maintenance, IT equip	5,650,000	704,331	(4,945,669)	12.5%	33.3%	4,766,885	5,471,216
5 Banking Costs	16,900,000	109,239	(16,790,761)	0.6%	33.3%	16,790,761	16,900,000
6 Collection Exp./DMV Exp.	4,200,000	857,385	(3,342,615)	20.4%	33.3%	1,447,375	2,304,760
BATA O & M Subtotal	53,750,000	6,090,202	(47,659,798)	11.3%	33.3%	45,585,774	51,675,976
BATA Toll Bridge Administration:							
7 Staff Costs - Salaries,Benefits & Temps	11,908,744	3,763,607	(8,145,137)	31.6%	33.3%	-	3,763,607
8 Travel, Printing, Memberships & Other	627,965	107,986	(519,979)	17.2%	33.3%	17,000	124,986
9 Audit/Accounting	2,350,000	584,359	(1,765,641)	24.9%	33.3%	1,100,548	1,684,907
10 Misc. Toll Admin Operating Expenses	1,175,000	477,973	(697,027)	40.7%	33.3%	277,600	755,573
11 Professional Fees	4,140,000	1,092,376	(3,047,624)	26.4%	33.3%	1,271,600	2,363,976
12 Other	1,000,000	705	(999,295)	0.1%	33.3%	193,652	194,357
Toll Bridge Admin Subtotal	21,201,709	6,027,006	(15,174,703)	28.4%	33.3%	2,860,400	8,887,406
Other/Transfers:							
13 Transfers to MTC 1% Admin	8,096,994	8,096,994	-	100.0%	33.3%	-	8,096,994
14 Transfers to MTC - PERS Retirement	6,991,519	6,991,519	-	100.0%	33.3%	-	6,991,519
15 Transfers to MTC - Other	1,320,500	909,509	(410,991)	68.9%	33.3%	82,691	992,200
16 Transfer from Legal Reserve	2,600,000	265,517	(2,334,483)	10.2%	33.3%	1,102,608	1,368,125
17 Transbay Transit Terminal Maint	5,201,958	-	(5,201,958)	0.0%	33.3%	5,201,958	5,201,958
18 Beale St Assessment	1,800,000	429,667	(1,370,333)	23.9%	33.3%	1,289,000	1,718,667
19 Depreciation and Amortization	5,050,000	13,474	(5,036,526)	0.3%	33.3%	-	13,474
20 RM2/Clipper Marketing	6,940,000	196,625	(6,743,375)	2.8%	33.3%	1,545,234	1,741,859
21 RM2 Operating	49,776,125	15,749,286	(34,026,839)	31.6%	33.3%	31,589,608	47,338,894
22 ABAG SFEP	1,105,475	1,105,475	-	100.0%	33.3%	-	1,105,475
23 BART for IG Contract	1,000,000	-	(1,000,000)	0.0%	33.3%	-	-
Transfers	89,882,571	33,758,066	(56,124,505)	37.6%	33.3%	40,811,099	74,569,165
Debt Service:							
24 Interest and principal payments	607,490,461	148,187,254	(459,303,207)	24.4%	33.3%	-	148,187,254
25 Financing Costs	14,073,400	904,688	(13,168,712)	6.4%	33.3%	3,945,213	4,849,901
Total Debt Service	621,563,861	149,091,942	(472,471,919)	24.0%	33.3%	3,945,213	153,037,155
Transfer to Capital Fund In (Out):							
26 Transfer to Capital Fund	(80,029,309)	-	(80,029,309)	0.0%	33.3%	-	-
27 Furniture/Equip./Vehicle	(50,000)	-	(50,000)	0.0%	33.3%	-	-
Total Capital Reserve In (Out)	(80,079,309)	-	(80,079,309)	0.0%	33.3%	-	-
Total Expense & Transfers	896,177,450	204,802,308	(691,375,142)	22.9%	33.3%	93,202,486	298,004,794
Net	-	91,731,448					(1,471,038)

PURCHASE ORDERS EXECUTED BY EXECUTIVE DIRECTOR
\$2,500-\$200,000

October'19

CDW Government Inc

\$27,575

Computer Software License

**Regional Measure 2 Operating Budget
As of October 2019 (\$000)**

**Agenda Item 4b
Attachment A**

						Balance
Project Title		Total Budget	Allocation	Actual	Encumbrance	Over/(Under)
RM2 Operating Assistance Program						
1	Richmond Bridge Express Bus	2,474	2,474	-	2,474	-
2	Napa Vine Service	426	426	-	426	-
3	Express Bus North - serving SFOBB, Dumbarton, San Mateo bridges	3,751	2,650	784	1,866	(1,101)
4	Express Bus South - serving Carquinez and Benicia Bridges	7,074	7,074	2,164	4,910	-
5	Dumbarton Bus	3,017	3,017	1,006	2,011	-
6	WETA Ferry Operations	16,500	16,500	6,511	9,989	-
7	Owl Service - BART Corridor	2,004	1,698	504	1,194	(306)
8	MUNI Metro 3rd St	2,500	2,500	-	2,500	-
9	AC Enhanced Bus Service	3,000	3,000	1,000	2,000	-
11	Water Emergency Transportation Authority Regional Planning	3,000	3,000	1,263	1,737	-
12	Clipper Operations	2,000	2,000	-	2,000	-
13	Transbay Transit Center	3,000	3,000	2,518	482	-
Total RM2 Operating Assistance Program		48,746	47,339	15,750	31,589	(1,407)
RM2 Marketing Assistance Program						
N/A	Clipper Marketing	3,000	-	105	-	(2,895)
N/A	511 Real Time Transit	110	-	24	86	-
N/A	Seamless Transit Map	780	-	26	754	-
N/A	Regional Resource Center	200	-	41	156	(3)
N/A	AC Transit Services	500	-	-	500	-
N/A	Bike to Work, Trails and Transit Week	50	-	-	50	-
N/A	Carpool Incentive Program	2,000	-	-	-	(2,000)
N/A	New or Expanded Transit Services	300	-	-	-	(300)
Total RM2 Marketing Assistance Program		6,940	-	196	1,546	(5,198)
Total		\$55,686	\$47,339	\$15,946	\$33,135	(\$6,605)

Regional Measure 2 Project Budget
As of October 2019 (\$000) - Life to Date

Program	Project Title	Total Budget	Actual	Encumbrance	Balance Remaining
1	BART/MUNI Direct Connection at Embarcadero & Civic Center Stations	\$3,000	-	1,500	\$1,500
2	SF MUNI Metro 3rd Street LRT Extension	30,000	30,000	-	-
3	MUNI Historic Streetcar Expansion (E-Line)	10,000	10,000	-	-
4	Dumbarton Commuter Rail Service ^{i,iv,xii}	9,157	8,932	33	192
5	Vallejo Ferry Intermodal Station ^v	26,000	24,860	839	301
6	Solano County Express Bus Intermodal Facilities ^{vi}	12,251	12,222	30	-
7	Solano County Corridor Improvements near I-80 / I-680 Interchange	100,000	97,633	2,367	-
8	I-80 EB HOV Lane Extension from Route 4 to Carquinez Bridge	37,175	37,175	-	-
9	Richmond Parkway Park & Ride ^{vii}	3,850	946	627	2,277
10	SMART Extension to Larkspur ^{ii,viii}	56,500	56,276	224	-
11	Greenbrae Interchange Improvement ^{ii,viii}	43,500	31,784	11,716	-
12	Direct HOV lane connector from I-680 to the Pleasant Hill BART ^{ix}	20,425	17,352	2,755	318
13	Rail Extension to East Contra Costa/E-BART	96,000	94,298	1,702.00	-
14	Capitol Corridor Improvements in Interstate-80/Interstate 680 Corridor ^{vi,x}	35,950	35,950	-	-
15	Central Contra Costa Bay Area Rapid Transit (BART) Crossover	25,000	25,000	-	-
16	Benicia-Martinez Bridge: New Span	50,000	50,000	-	-
17	Remaining Regional Express Bus North - Competitive Program Projects ^{v,x}	18,799	18,771	28	-
18	Clipper	35,000	20,817	1,163	13,020
19	Real-time transit information	20,000	19,558	442	-
20	Safe Routes to Transit	22,500	19,640	2,860	-
21	BART Tube Seismic Retrofit	33,801	33,801	-	-
22	Transbay Terminal/Downtown Extension	150,000	149,951	49	-
23	Oakland Airport Connector	115,199	115,199	-	-
24	AC Transit Enhanced Bus - Phase 1 (International Blvd/Telegraph Ave. Corridor) ^{vii}	77,760	66,374	11,386	-
25	Commute Ferry Service for Alameda/Oakland/Harbor Bay	12,000	12,000	-	-
26	Commute Ferry Service for Berkeley/Albany	12,000	7,886	4,114	-
27	Commute Ferry Service for South San Francisco	12,000	11,998	2	-
28	Water Transit Facility Imps., Spare Vessels and Environmental Review	48,000	47,269	731	-
29	Regional Express Bus South - Remaining Projects ^{iv,vii,xi}	54,933	33,779	9,290	11,864
30	I-880 North Safety Improvements ^{xi}	12,300	12,088	212	-
31	BART Warm Springs Extension ⁱ	186,000	181,492	4,508	-
32	I-580 (Tri Valley) Rapid Transit Corridor Improvements	65,000	50,894	9,111	4,995
33	Regional Rail Master Plan	6,500	6,062	394	44
34	Integrated Fare Structure Program	1,500	900	600	-
35	Transit Commute Benefits Promotion	5,000	3,366	1,634	-
36	Caldecott Tunnel Improvements ^{ix}	45,075	45,074	1	-
37	BART's Fixed Guideway Rehab	64,000	24,000	-	40,000
38	Regional Express Lane Network ⁱⁱⁱ	4,825	-	4,825	-
39	Modifications in I-80 and San Pablo ⁱⁱⁱ	8,000	7,730	270	-
40	Caltrain Electrification ^{viii,xii}	20,000	19,991	9	-
Total		\$1,589,000	\$1,441,068	\$73,422	\$74,511

ⁱ Allocated \$91 million from the Dumbarton Commuter Rail Service to the BART to Warm Springs Extension Project, per Resolution #3801 dated 1/28/09.

ⁱⁱ Allocated \$1.5 million from the SMART Project to Greenbrae Interchange Improvement Project, per Resolution #3801 dated 9/28/11.

ⁱⁱⁱ Allocated \$4.5 million to Regional Express Lane and \$7.4 million to the Modifications in I-80 from the I-80 EB HOV Lane Extension, Resolution #3801 dated 4/24/13.

Res#3801 - Date 5/28/14		
Amount (\$000)	From	To
^{iv} \$14,843	Program 4: Dumbarton Commuter Rail Service program	Program 29: Regional Express Bus South program
^v \$2,000	Program 5: Vallejo Ferry Intermodal Station program	Program 17: Regional Express Bus North program
^{vi} \$7,749	Program 6: Solano County Express Bus program	Program 14: I-80/I-680 Capital Corridor Improvements program
^{vii} \$12,760	Program 9: Richmond Parkway Park & Ride \$12.15 million & Program 29: Regional Express Bus North program \$610 thousands.	Program 24: AC Transit Enhanced Bus program
^{viii} \$20,000	Program 11: Greenbrae Interchange Improvement	Program 10: SMART Extension to Larkspur
^{ix} \$5,425	Program 36: Caldecott Tunnel Improvements program	Program 12: I-680 Direct HOV Lane Connector to Pleasant Hill BART program
^x \$3,202	Program 17: Regional Express Bus North program	Program 14: I-80/I-680 Capital Corridor Improvements program
^{xi} \$2,300	Program 29: Regional Express Bus South program	Program 30: I-880 North Safety Improvements program
^{xii} \$20,000	Program 4: Dumbarton Commuter Rail Service program	Program 40: Caltrain Electrification program

^{xiii} Increasing funding by \$13 million to the Clipper Project (18), per Res #3801 dated 12/21/16.

^{xiv} Increasing funding by \$21 million to the Regional Express Bus South Project (29), per Resolution #3801 dated 12/21/16.

^{xv} Increasing funding by \$40 million to the BART's Fixed Guideway Rehab Project (37), per Resolution #3801 dated 12/21/16.

Shaded projects are completed

Rehab Project Budget

As of October 2019 (\$000) - Life to Date

Program #	Program	Total Budget	Total Expenses	Encumbrance	Balance Remaining
6811	Antioch Bridge Rehab	70	-	-	70
6812	Benicia-Martinez Bridge Rehab	6,988	3,828	-	3,160
6813	Carquinez Bridge Rehab	34,656	34,466	-	190
6814	Richmond-San Rafael Bridge Rehab	123,330	62,099	-	61,231
6825	San Francisco-Oakland Bay Bridge Rehab	239,870	196,655	-	43,215
6826	San Mateo-Hayward Bridge Rehab	120,987	108,063	-	12,924
6827	Dumbarton Bridge Rehab	5,132	4,792	-	340
6828	All Bridges Rehab	130,946	98,584	-	32,362
6829	Caltrans Reserve	6,028	4	-	6,024
8030	Completed/Defunded/Transferred Projects	117,303	116,626	-	677
8033	Minor Toll Plaza Rehab Projects	4,580	2,677	-	1,903
8210	New Benicia Bridge *	1,715	695	-	1,020
8315	Site Mitigation & Landscaping	154	83	-	71
8615	I-880/SR-92 Landscaping**	6,640	5,540	-	1,100
8629	Minor Bridge Rehab Projects	1,159	45	-	1,114
TOTAL CALTRANS REHAB BUDGET		799,558	634,157	-	165,401
8012	All Electronic Tolling	5,963	699	4,002	1,262
8528	Bay Lights Maintenance	800	310	10	480
8530	Drainage Studies for the Bridge	500	323	77	100
8531	Benicia New Toll Plaza ORT	4,153	4,153	-	-
8539	SFOBB Eyebare Repair Review	2,914	2,660	254	-
8540	Regional Transportation Sea Level Rise Asset	2,000	416	-	1,584
8594	SFOBB West Span Pathway PSR	12,300	11,537	490	273
8602	Hybrid/ETC Lane Modifications	874	874	-	-
8631	Procure New Callboxes	2,344	2,344	-	-
8900	2003 CSC Procurement	12,358	11,046	3	1,309
8901	ETC Transponder Procurement	99,500	83,070	9,892	6,538
8902	2012 CSC Procurement	23,450	19,532	744	3,174
8903	ATCAS Lane Host Upgrades	33,545	32,762	581	202
8904	Fastrak Sign & Sign Structure Improvements	29,510	29,343	72	95
8905	Misc. Bridge Improvements	23,914	9,667	866	13,381
8907	Toll Plaza Capital Improvements	28,833	20,765	4,493	3,575
8908	Enterprise Computing HW/SW	4,835	3,243	257	1,335
8909	Gateway Park Planning	27,975	16,916	853	10,206
8912	ETC Transponder Tag Swap	1,937	1,929	-	8
8913	SFOBB Administration Building	25,319	25,220	-	99
8914	Violation Enforcement System Upgrade	7,842	7,841	-	-
8916	Bay Crossing Study	540	540	-	-
8917	IT Security Procedures & Policies	1,300	593	96	611
8918	Maintenance Complex	531	491	36	4
8920	Plaza and Canopy Improvements	9,263	8,545	4	714
8921	SFOBB Lane 17 & 18 Lane Reconfiguration	1,775	1,664	43	68
8922	Metering Lights Replacement	11,180	2,332	3,013	5,835
8923	Bridge Records Recordation and Storage	500	55	-	445
8924	Antioch Bridge Approach	50,000	49,070	840	90
8926	Bridge Modeling & Investigations	5,801	893	57	4,851
8928	BATA Program Contingency	16,565	300	-	16,265
8930	Richmond-San Rafael Bridge Rehab	83,428	68,311	8,220	6,897
8933	Plan Bay Area TMS	9,000	6,380	2,059	561
8936	Backhaul Connection Infrastructure	1,000	768	94	138
8937	Future CSC Procurement	34,000	1,381	512	32,107
8938	Misc. East Span Project Improvements	12,084	-	-	12,084
8939	Asset Management	4,500	815	1,185	2,500
8940	HOV Lane Enforcement	6,600	578	822	5,200
8941	CHP - COZEPP/MAZEPP	300	-	-	300
8942	Bridge Yard Capital Improvements	500	-	-	500
8943	Bike/Ped Access to East Span of SFOBB	1,200	-	-	1,200
8944	Dumbarton Approach and Transit Strategies	17,000	30	1,970	15,000
8945	Next Gen Clipper (C2) System	9,600	-	9,600	-
8946	I-680/I-80/ISR-12 Interchange	7,200	6,617	583	-
8947	SR-37 Evaluation	8,000	105	6,395	1,500
8000-05	Capital Program Audit	8,300	7,101	513	686
8000-16	SRA/RM1 Program Monitoring	46,445	45,195	249	1,001
Total BATA REHAB BUDGET		697,478	486,414	58,885	152,178
TOTAL REHAB BUDGET		1,497,036	1,120,571	58,885	317,579

Shaded projects are completed

* Moved \$5 million from RM 1 New Benicia Bridge to Caltrans Rehab.

** Moved \$5.958 million from RM 1 I-880/SR-92 Interchange Landscaping to Caltrans Rehab.

**Seismic Capital Project Budget
As of October 2019 (\$000) - Life to Date**

	Program	Base Budget	Current Budget***	Total Expenses*	Encumbrance	Remaining Balance
8103	San Francisco-Oakland Bay Bridge East Span Repl	\$ 5,486,600	\$ 6,519,801	\$ 6,508,443	\$ 11,358	\$ -
8109	San Francisco-Oakland Bay Bridge West Span Retrofit	307,900	305,316	305,316	-	-
8106	San Francisco-Oakland Bay Bridge West Approach Repl	429,000	452,550	450,387	2,163	-
8100	Antioch Bridge Retrofit	-	71,100	71,093	7	-
8122	Dumbarton Bridge Retrofit	-	112,400	112,354	46	-
8112	Richmond-San Rafael Bridge Retrofit	808,100	794,950	794,870	80	-
8115	Benicia-Martinez Bridge Retrofit	177,800	177,830	177,817	13	-
8118	Carquinez Bridge Retrofit	114,200	114,206	114,206	-	-
8121	San Mateo-Hayward Bridge Retrofit	163,500	163,412	163,412	-	-
	Subtotal for Bay Area Bridges	7,487,100	8,711,565	8,697,898	13,667	-
8128	Misc Program Costs	30,000	26,030	26,024	6	-
8729	Program Contingency**	989,000	-	-	-	-
8124	Vincent Thomas Bridge Retrofit (non-BATA, for information	58,500	58,420	58,411	9	-
8127	San Diego-Coronado Bridge Retrofit (non BATA, for	103,500	103,240	103,235	5	-
	Subtotal for Other Bridges	162,000	161,660	161,646	14	-
	Total for Toll Bridge Seismic Retrofit Program	\$ 8,668,100	\$ 8,899,255	\$ 8,885,568	\$ 13,687	\$ -

*Includes pre AB144 LTD expenses from Caltrans to April 2006
BATA expenses from May 2006 to current

3,709,068
5,176,500
8,885,568

**** Contingency Allocation**

Contingency per Budget	989,000
FY08 (Allocation) and Rescission	(203,920)
FY09 (Allocation) and Rescission	(44,790)
FY10 (Allocation) and Rescission	139,400
FY11 (Allocation) and Rescission	(577,670)
FY12 (Allocation) and Rescission	(15,520)
FY13 (Allocation) and Rescission	32,637
FY14 (Allocation) and Rescission	(130,000)
FY15 (Allocation) and Rescission	(103,800)
FY16 (Allocation) and Rescission	(12,731)
FY17 (Allocation) and Rescission	(33,200)
FY18 (Allocation) and Rescission	(24,671)
FY19 (Allocation) and Rescission	(14,735)
Remaining Balance	<u>-</u>

Shaded projects are completed

***Financial reflects budget update approved on 6/27/18

AB 1171 Project Budget

As of October 2019 (\$000) - Life to Date (Unaudited)

Project Title	Total Budget	Allocation	Actual	Encumbrance	Balance Remaining
Doyle Drive Replacement	80,000	80,000	80,000	-	-
East Contra Costa BART Extension	111,500	111,500	109,895	1,605	-
Transbay Terminal/Downtown Extension: Phase 1	150,000	150,000	149,587	413	-
Tri-Valley Transit Access Improve. To BART	95,000	21,852	14,673	7,179	73,148
Regional Express Lane Network	2,800	2,800	2,800	-	-
Fairfield/Vacaville Train Station	9,000	9,000	9,000	-	-
I80/680 Interchange	100,000	100,000	98,770	1,230	-
Other Corridor Improvement	10,200	10,150	10,150	-	50
VTa Mission/Warren/Truck Rail Facility	6,500	6,500	5,811	689	-
BART to Warm Spring Extension	5,000	5,000	5,000	-	-
Total	\$570,000	\$496,802	\$485,686	\$11,116	\$73,198

Note: AB 1171 is a discretionary funding source passed by the Legislature and signed by the Governor in October 2001. AB 1171 (Dutra) extends the \$1 seismic surcharge on the seven state-owned Bay Area toll bridges for up to 30 years to finance retrofit work. Project list is included in MTC Resolution #3434.

AB 1171 Program Budget:	\$570,000
Approved Projects:	\$496,802
AB 1171 Program Balance:	<u>\$73,198</u>

Shaded projects are completed

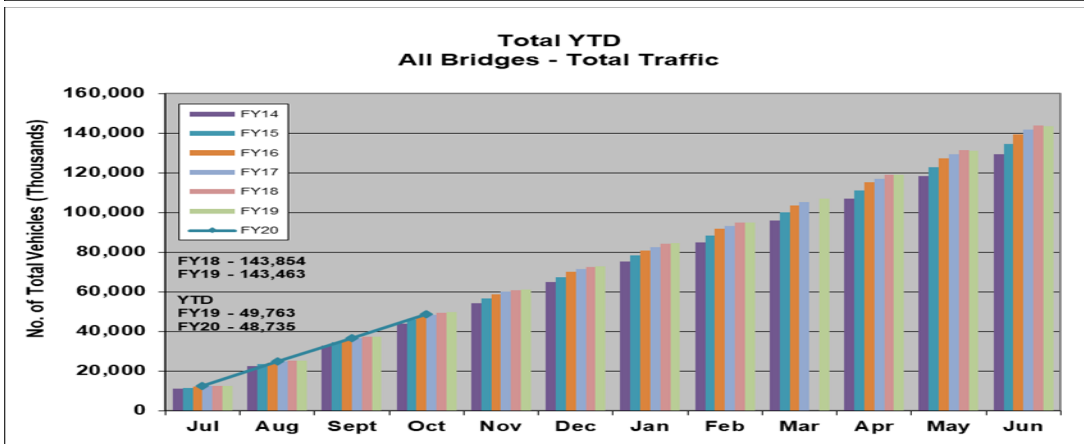
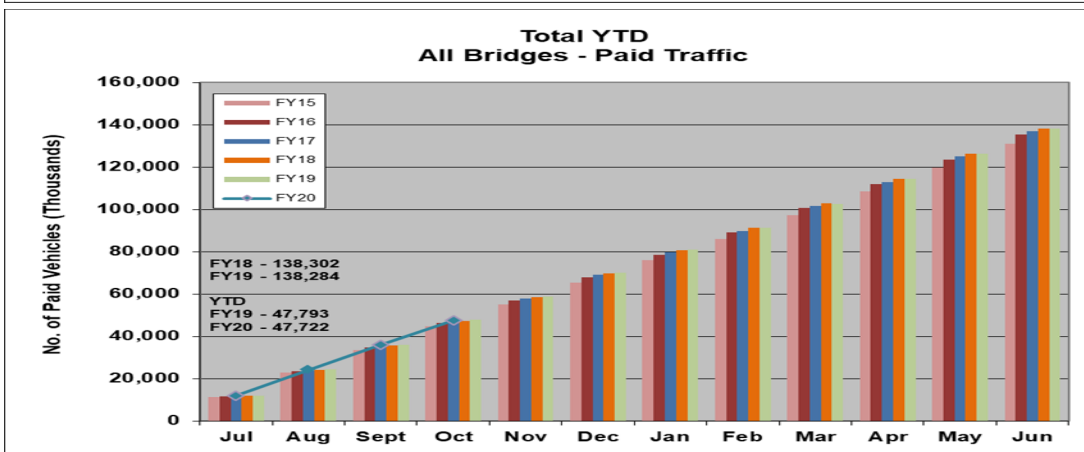
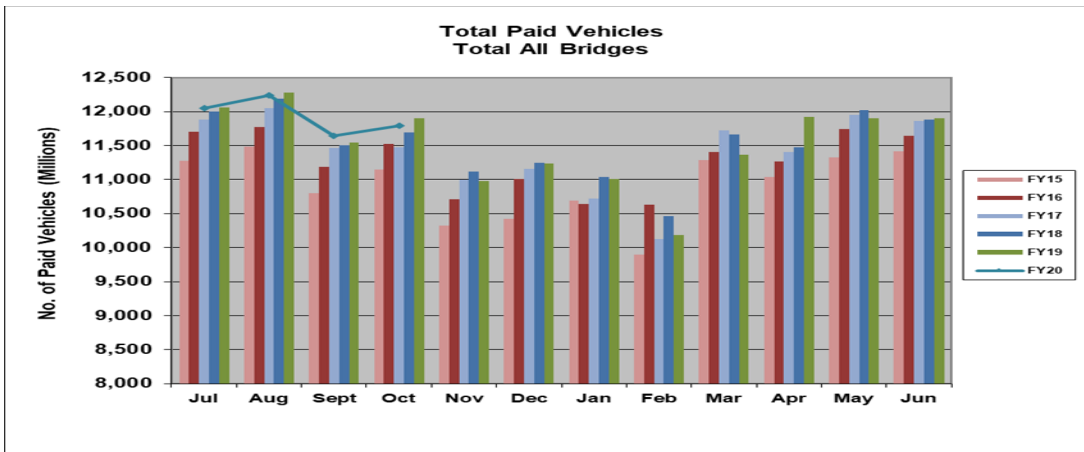
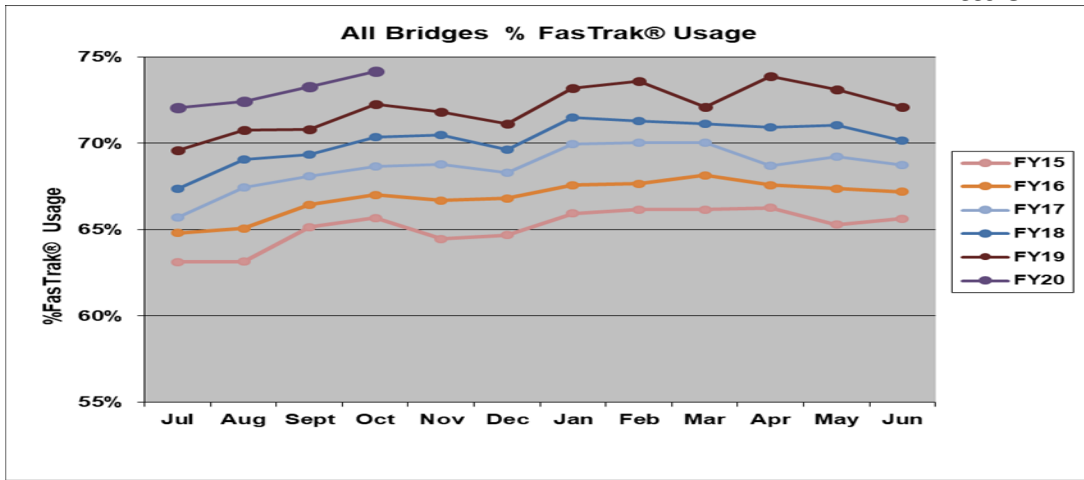
Other Capital Projects

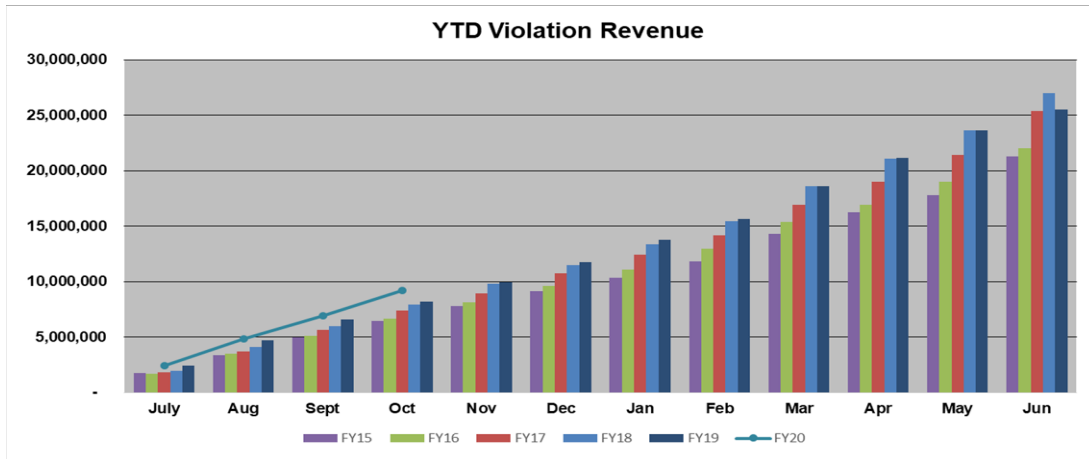
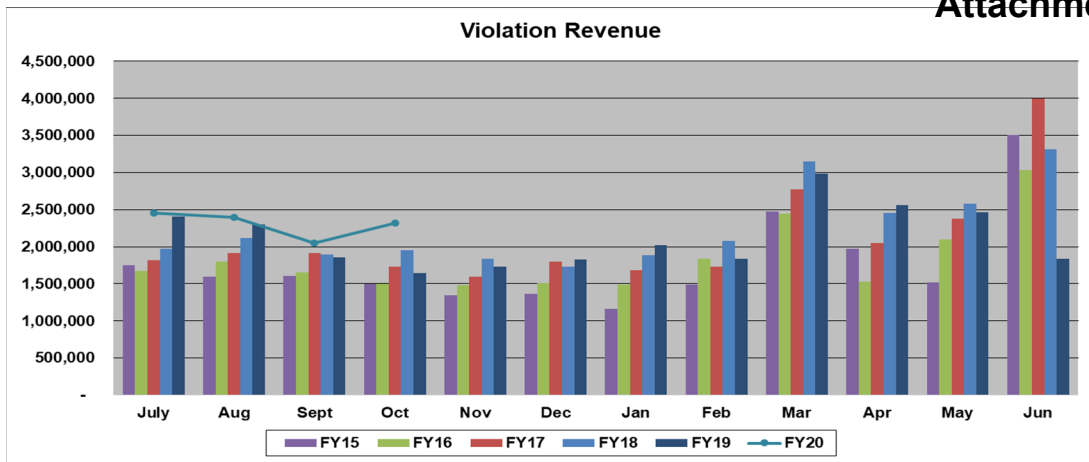
As of October 2019 (\$000) - Life to Date

	Project Title	Total Budget	Actual	Encumbrance	Balance Remaining
849	Express Lanes Capital				
6840	Program Costs: Planning, Coordination & Management	19,810	20,292	-	(482)
6841	Centralized Toll System	20,413	21,035	-	(622)
6842	CC-680 Southern Segment Conversion	52,348	52,407	-	(59)
6843	Capitalized Start-up O&M	4,790	4,867	-	(77)
6844	ALA-880 Conversion	96,277	104,915	-	(8,638)
6845	CC-680 Northern Segment - Southbound Conversion	7,145	16,955	-	(9,810)
6846	SOL-80 West Conversion	637	637	-	-
6849	SOL-80 East Express Lane Conversion	10,537	11,029	-	(492)
6851	84/Dumbarton Bridge	323	323	-	-
6852	92/San Mateo Bridge	369	369	-	-
	Express Lanes Total	\$ 212,649	\$ 232,829	\$ -	\$ (20,180) *
847	BATA Project Savings				
6953	CCC - AC Transit	83,000	21,339	25,393	36,268
6954	CCC - Muni	151,730	49,163	102,562	5 **
6955	CCC - BART	15,000	-	-	15,000
6956	BART Rail Car Replacement	270	-	-	270 **
	BATA Project Savings Total	\$ 250,000	\$ 70,502	\$ 127,955	\$ 51,543
	Grand Total	\$ 462,649	\$ 303,331	\$ 127,955	\$ 31,363

* The BATA Express Lanes (EL) Capital Fund is closed out on 6/30/2019, the remaining balance of the \$345 million budget funded by BATA/SAFE are rebudgeted in BAIFA EL Capital Fund in FY 2019-20. The LTD budget in BATA EL Capital Fund budget will be amended to tie off with the LTD actual recorded in such fund as of 6/30/19 after the FY 2018-19 Yearend audit is completed.

** Pending budget revision (MTC Res#4123) per R Jaques 2/12/19







Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 19-1370 **Version:** 1 **Name:**

Type: Contract **Status:** Consent

File created: 11/21/2019 **In control:** Bay Area Toll Authority Oversight Committee

On agenda: 1/8/2020 **Final action:**

Title: Contract Amendment - I-580 Richmond-San Rafael Bridge Access Improvement Project - Concrete Reactive Tension System-QuickChange Moveable Barrier: Lindsay Transportation Solutions Sales & Service, LLC (\$685,000 plus \$35,000 contingency)

Sponsors:

Indexes:

Code sections:

Attachments: [4c_19-1370_ContractAmend_LindsayTransportation_MoveableBarrier.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

Contract Amendment - I-580 Richmond-San Rafael Bridge Access Improvement Project - Concrete Reactive Tension System-QuickChange Moveable Barrier: Lindsay Transportation Solutions Sales & Service, LLC (\$685,000 plus \$35,000 contingency)

Presenter:

Chris Lillie

Recommended Action:

Committee Approval

**Bay Area Toll Authority
Oversight Committee**

January 8, 2020

Agenda Item 4c

**Contract Amendment – I-580 Richmond-San Rafael Bridge Access Improvement Project -
Concrete Reactive Tension System-QuickChange Moveable Barrier: Lindsay
Transportation Solutions Sales & Service, LLC (\$685,000 plus \$35,000 contingency)**

Subject: This item requests Committee approval to enter into a contract amendment with Lindsay Transportation Solutions Sales & Service, LLC (Lindsay) in an amount not to exceed \$685,000 plus a contingency of \$35,000 to manufacture and install a Concrete Reactive Tension System-QuickChange Moveable Barrier (CRTS-QMB) along the Sir Francis Drake Boulevard Off-Ramp Flyover as part of the I-580 Richmond-San Rafael (RSR) Bridge Access Improvement Project (Project).

Background: The Project converted the existing shoulder on the upper deck of the RSR Bridge (westbound I-580) to a two way bicycle and pedestrian path between Marine Street in Richmond and Main Street in San Rafael and converted the shoulder on the lower deck of the bridge (eastbound I-580) to a part-time third travel lane.

To provide a physical barrier that separates motor vehicles from users of the new RSR Bridge bicycle and pedestrian path, BATA entered into a sole-source contract in January 2018 with Lindsay to design, manufacture, install, test, operate, and maintain – for a period of four years – a CRTS-QMB for the upper deck of the RSR Bridge. The period of performance for the original contract with Lindsay ends December 31, 2022.

While the Project opened a new active transportation link between Marin and Contra Costa Counties, the completed improvements highlight the need to improve convenient direct connectivity from East Francisco Boulevard to Sir Francis Drake Boulevard, Andersen Drive, and Cal Park Hill Pathway corridors for bicycles.

This existing bicycle access along the shoulder of westbound I-580 and the Sir Francis Drake Boulevard off-ramp is not separated from traffic by any physical barrier. Caltrans has approved a four year pilot project to allow BATA to install the CRTS-QMB to create a barrier separated two way Class 4 Bikeway adjacent to the westbound direction of the Sir Francis Drake Boulevard off-ramp.

This proposed bikeway will offer improved bicycle trail linkage to transportation hubs and commute destinations in southern Marin County, such as Sonoma-Marin Area Rapid Transit (SMART) Larkspur Station, Central Marin Ferry (Larkspur) Terminal, and the adjacent towns and

cities including southern San Rafael, Larkspur, Greenbrae, and Corte Madera.

This contract amendment will engage Lindsay to manufacture and install the CRTS-QMB to separate cyclists and pedestrians from motor vehicles. The enhancement will further provide cyclists on the I-580 corridor a safe and environmentally-friendly travel mode option that reduces greenhouse gas emissions.

The Transportation Authority of Marin (TAM) has authorized funds to reimburse BATA the entire amount of this contract amendment (\$720,000) and an additional \$580,000 for additional improvements to the Sir Francis Drake-Anderson Drive intersection (to be completed under separate contract).

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

Recommendation: Staff recommends that this Committee authorize the Executive Director or designee to negotiate and enter into a contract amendment with Lindsay to manufacture and install the CRTS-QMB on the Sir Francis Drake Boulevard Off-Ramp Flyover for an amount not to exceed \$685,000 plus an additional contingency of \$35,000.

Attachments: Attachment A – Small Business and Disadvantaged Business Enterprise Status; and
Request for Committee Approval – Summary of Proposed Contract Amendment



Therese W. McMillan

ATTACHMENT A:
SMALL BUSINESS AND DISADVANTAGE BUSINESS ENTERPRISE STATUS

Firm Name	Role on Project	DBE* Firm			SBE** Firm		
		Yes	If Yes, List #	No	Yes	If Yes, List #	No
Lindsay Transportation Solutions Sales & Service, LLC	General Contractor			X			X
Statewide Traffic Safety & Signs	Subcontractor			X			X

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Contract Amendment

Work Item No.: 1251

Vendor: Lindsay Transportation Solutions Sales & Service, LLC
Rio Vista, CA

Work Project Title: I-580 Richmond-San Rafael Bridge Access Improvement Project
– Concrete Reactive Tension System-QuickChange Moveable Barrier (CRTS-QMB) along Sir Francis Drake Boulevard Off-Ramp Flyover

Purpose of Project: To fabricate and install a CRTS-QMB along the Sir Francis Drake Boulevard Off-Ramp Flyover to separate cyclists and pedestrians from motor vehicles.

Brief Scope of Work: Manufacture and install the CRTS-QMB on the Sir Francis Drake Boulevard Off-Ramp Flyover.

Project Cost Not to Exceed: This amendment: \$685,000 plus a contingency of \$35,000
Current contract amount before this amendment: \$9,995,875 plus a contingency of \$500,000.
Maximum contract amount after this amendment: \$10,715,875 plus a contingency of \$535,000.

Funding Source: Toll Bridge Rehabilitation Program Budget, to be fully reimbursed by the Transportation Authority of Marin

Fiscal Impact: Funds are included in the FY 2019-20 Toll Bridge Rehabilitation Program Budget.

Motion by Committee: That the Executive Director or designee is authorized to negotiate and enter into a contract amendment with Lindsay Transportation Solutions Sales & Service, LLC to manufacture and install the CRTS-QMB, as described above and in the BATA Oversight Committee Summary Sheet dated January 8, 2020, and the Chief Financial Officer is directed to set aside funds in the amount of \$685,000 plus a contingency of \$35,000 for such contract amendment.

BATA Oversight Committee:

Amy Rein Worth, Chair

Approved: January 8, 2020



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 20-0048 **Version:** 1 **Name:**

Type: Contract **Status:** Consent

File created: 12/5/2019 **In control:** Bay Area Toll Authority Oversight Committee

On agenda: 1/8/2020 **Final action:**

Title: Contract Amendment - I-580 Richmond-San Rafael (RSR) Bridge Access Improvement Project - On-Call Construction Management Services: WSP USA, Inc. (\$583,000)

Sponsors:

Indexes:

Code sections:

Attachments: [4d 20-0048 ContractAmend WSP RSRbridge.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

Contract Amendment - I-580 Richmond-San Rafael (RSR) Bridge Access Improvement Project - On-Call Construction Management Services: WSP USA, Inc. (\$583,000)

Presenter:

Chris Lillie

Recommended Action:

Committee Approval

Bay Area Toll Authority Oversight Committee

January 8, 2020

Agenda Item 4d

Contract Amendment – I-580 Richmond-San Rafael (RSR) Bridge Access Improvement Project – On-Call Construction Management Services: WSP USA, Inc. (\$583,000)

Subject: This item would authorize a contract amendment with WSP USA, Inc. (WSP), formerly known as Parsons Brinkerhoff, Inc. (PB), in an amount not to exceed \$583,000 for on-call construction management services to close out the remaining construction management services for the I-580 Richmond-San Rafael (RSR) Bridge Access Improvement Project – Construction Package A, Package B1 and the Lindsay Transportation Solutions movable barrier contract (Package C).

Background: The construction of the lower deck peak period use lane (PPUL) and the upper deck bicycle-pedestrian path of the bridge are substantially complete. There are a few remaining contract change orders that are being completed. This project reduced traffic congestion on eastbound I-580 by converting the eastbound shoulder to a PPUL, which opened in April 2018. The project also converted the westbound shoulder into a bi-directional bicycle-pedestrian path that is separated from motor vehicles by a moveable concrete barrier system. The bicycle-pedestrian path opened in November 2019.

Contractor Selection Process: In January 2014, after a competitive procurement, the BATA Oversight Committee authorized a pool of eight firms, including PB, to provide on-call construction management services for a two-year term through January 31, 2016, with an option to extend for an additional two-year period. Based on a Request for Qualifications (RFQ) issued in March 2016 to seek construction management services for the I-580 RSR Bridge Access Improvement Project, this Committee authorized a contract with PB on July 6, 2016. In 2017, PB changed its name to WSP.

Summary: This amendment allows for the completion of the work that started under the March 2016 competitive procurement. Specifically the amendment allows for the completion and close-out of the three construction packages currently under construction, as well as the completion of construction management services for an upcoming contract change order to install a moveable concrete barrier system on the I-580 Sir Francis Drake westbound off-ramp toward Anderson Drive and Larkspur. The capital construction cost for that change order is being funded by the Transportation Authority of Marin, while the construction management services will be funded using BATA Rehabilitation funds.

Attachment A includes a summary of WSP 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 WSP USA, Inc. in an amount not to exceed \$583,000 to provide construction management services for the I-580 Richmond-San Rafael Bridge Access Improvement Project.

Attachments: Attachment A – Small Business and Disadvantaged Business Enterprise Status; and
Request for Committee Approval –Summary of Proposed Contract Amendment



Therese W. McMillan

Attachment A

Small Business and Disadvantaged Business Enterprise Status

Firm Name	Role on Project	DBE* Firm			SBE** Firm		
		Yes	If Yes, List #	No	Yes	If Yes, List #	No
WSP USA, Inc.	Construction Management			X			X
Applied Materials & Engineering	Material Testing	X	38639		X	1195	
CirclePoint	Public Outreach			X	X	40528	
Ganda and Associates	Biological Monitoring			X			X
Kleinfelder, Inc.	Material Source Inspection			X			X
Towill, Inc.	Surveying and Staking			X			X
Zoon Engineering	Inspection and Claims			X	X	58549	

*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
Vendor:	WSP USA, Inc. Antioch, CA
Work Project Title:	On-Call Construction Management Services: Richmond-San Rafael Bridge Access Improvement Project
Purpose of Project:	To provide construction management services for the Richmond-San Rafael Bridge Access Improvement Project.
Brief Scope of Work:	Consultant shall perform construction management and construction administration services in accordance with Caltrans Construction Manual and Caltrans Standard Specifications and Plans for the construction of the Richmond-San Rafael Bridge Access Improvement Project.
Project Cost Not to Exceed:	This amendment: \$583,000 Current contract amount before this amendment: \$9,508,000 Maximum contract amount after this amendment: \$10,091,000
Funding Source:	Toll Bridge Rehabilitation Funds
Fiscal Impact:	Funds are included in the FY 2019-20 Toll Bridge Rehabilitation Program Budget.
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a contract amendment with WSP USA, Inc. to perform construction management services for the Richmond-San Rafael Bridge Access Improvement Project, as described above and in the BATA Oversight Committee Summary Sheet dated January 8, 2020, and the Chief Financial Officer is directed to set aside funds in the amount of \$583,000 for such contract amendment.
BATA Oversight Committee:	
	<hr/> Amy Rein Worth, Chair
Approval Date:	Date: January 8, 2020



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 20-0010 **Version:** 1 **Name:**

Type: Contract **Status:** Consent

File created: 11/25/2019 **In control:** Bay Area Toll Authority Oversight Committee

On agenda: 1/8/2020 **Final action:**

Title: Contract Amendment - San Francisco - Oakland Bay Bridge (SFOBB) Oakland Bicycle-Pedestrian Connection Project: T.Y. Lin International (\$700,000)

Sponsors:

Indexes:

Code sections:

Attachments: [4e 20-0010 ContractAmend TYLin SFOBB Link Pathway.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

Contract Amendment - San Francisco - Oakland Bay Bridge (SFOBB) Oakland Bicycle-Pedestrian Connection Project: T.Y. Lin International (\$700,000)

Presenter:

Rosalyn Chongchaikit

Recommended Action:

Committee Approval

Bay Area Toll Authority Oversight Committee

January 8, 2020

Agenda Item 4e

Contract Amendment - San Francisco - Oakland Bay Bridge (SFOBB) Oakland Bicycle-Pedestrian Connection Project: T.Y. Lin International (\$700,000)

Subject: This item requests Committee approval to enter into a contract amendment with T.Y. Lin International (TYLin) to provide design services for the San Francisco - Oakland Bay Bridge (SFOBB) Oakland Bicycle-Pedestrian Connection Project (Link).

Background: In January 2011, after a competitive procurement, this Committee approved a pool of six firms including TYLin for on-call design services from February 1, 2011 through January 31, 2013 with an option to extend for an additional two-year term.

Following a competitive selection from the 2011 on-call design services bench, the BATA Oversight Committee in October 2012 authorized the Executive Director to enter into contract with TYLin to prepare the project approval / environmental document (PA/ED) for the Judge John Sutter Regional Shoreline Project (Shoreline Project) (including the Link Project). In July 2018, BATA approved BATA Resolution No. 125 adopting the Final EIR for the Shoreline Project for the other elements of the Shoreline Project, excluding the Link, and filed the Notice of Determination.

As part of the initial Shoreline Project scope, a new bicycle-pedestrian pathway route from West Oakland to the new Bay Bridge Trail was identified along the West Grand Avenue corridor (Link Project). MTC and Caltrans had previously secured \$30 million in federal and state transportation funds for the pathway; the funding required the Link be in construction by 2017. To meet that funding deadline, and because the Link project has independent utility from the rest of the Shoreline Project, this Committee approved a contract amendment in July 2014 with TYLin to environmentally clear the Link as a separate, standalone project. During that time the state funds became unavailable to the project due to over commitment of the State Transportation Improvement Program; as a result, the environmental process was suspended.

With the prospects of new potential funding and regional interest in completing a continuous and connected bicycle pedestrian facility between San Francisco and Oakland, BATA staff has engaged stakeholders of the SFOBB bicycle pedestrian pathways on the West Span and the Oakland touchdown and proposes to complete PA/ED for the Link. This effort

requires an additional \$700,000 to update prior draft studies and to complete PA/ED.

Attachment A includes a summary of TYLin 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 enter into a contract amendment with TYLin in an amount not to exceed \$700,000 to complete PA/ED for the Link Project.

Attachments: Attachment A – Small Business and Disadvantaged Business Enterprise Status; and
Request for Committee Approval – Summary of Proposed Contract Amendment



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	T.Y. Lin International	Design Services			X			X
Subcontractor	ICF International	Environmental and Permitting			X			X
Subcontractor	EinwillerKuehl, Inc	Landscape Architecture	X	42308				X
Subcontractor	Associated Right of Way Services, Inc	Right of Way Support/Acquisition			X	X	30184	
Subcontractor	CH2M Hill	Climate Change Impact			X			X
Subcontractor	Fugro	Hazardous Materials			X			X
Subcontractor	Fehr & Peers	Traffic Planning			X			X
Subcontractor	CirclePoint	Public Outreach			X	X	40528	
Subcontractor	Perkins + Will	Facilities/Buildings and Landscape			X			X
Subcontractor	Towill	Surveying and Staking			X			X
Subcontractor	HR&A Advisors	Park Governance			X			X
Subcontractor	WSP	Visualization			X			X
Subcontractor	WRECO	Hydraulics	X	30066		X	60800	
Subcontractor	Eisen Letunic	Planning	X	35388				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
Consultant:	T.Y. Lin International, Oakland, CA
Work Project Title:	On-Call Design Services: San Francisco - Oakland Bay Bridge (SFOBB) Oakland Bicycle-Pedestrian Connection (Link Project)
Purpose of Project:	To complete Project Approval/Environmental Documentation (PA/ED) for SFOBB Oakland Bicycle-Pedestrian Connection
Brief Scope of Work:	Consultant shall complete the PA/ED for the SFOBB Oakland Bicycle-Pedestrian Connection (Link Project) in accordance with applicable Caltrans processes and procedures.
Project Cost Not to Exceed:	This amendment - \$700,000 Current contract amount before this amendment- \$5,060,000 Maximum contract amount after this amendment - \$5,760,000
Funding Source:	Toll Bridge Rehabilitation Program Funds
Fiscal Impact:	Funds are included in the FY 2019-20 Toll Bridge Rehabilitation Program Budget.
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a contract amendment to provide on-call design services and complete the Project Approval/Environmental Documentation (PA/ED) for SFOBB Oakland Bicycle-Pedestrian Connection as described above and in the BATA Oversight Committee Summary Sheet dated January 8, 2020 and the Chief Financial Officer is authorized to set aside \$700,000 for such contract amendment.
BATA Oversight Committee:	<hr/> Amy R. Worth, Chair
Approved:	January 8, 2020



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 19-1261 **Version:** 1 **Name:**
Type: Contract **Status:** Consent
File created: 10/31/2019 **In control:** Bay Area Toll Authority Oversight Committee
On agenda: 1/8/2020 **Final action:**
Title: Contract Amendment - Construction and Maintenance Zone Enhanced Enforcement Program:
California Highway Patrol (CHP) (\$1,775,000)
Sponsors:
Indexes:
Code sections:
Attachments: [4f 19-1261 ContractAmend CHP EnhancedEnforcement.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:
Contract Amendment - Construction and Maintenance Zone Enhanced Enforcement Program:
California Highway Patrol (CHP) (\$1,775,000)

Presenter:
Angela Louie

Recommended Action:
Committee Approval

Bay Area Toll Authority Oversight Committee

January 8, 2020

Agenda Item 4f

Contract Amendment – Construction and Maintenance Zone Enhanced Enforcement Program: California Highway Patrol (CHP) (\$1,775,000)

Subject: This item requests Committee approval to enter into a contract amendment with the California Highway Patrol (CHP) in an amount not to exceed \$1,775,000 through October 31, 2023 to provide traffic control and traffic enforcement services for the construction and maintenance zone enhanced enforcement program (COZEEP/MAZEEP), subject to the approval of future BATA and BAIFA budgets.

Background: In July 2011, June 2016 and June 2017, the BATA Oversight Committee authorized a contract and subsequent contract amendment(s) with the CHP to provide enhanced safety services for Bay Area Toll Authority (BATA) and Bay Area Infrastructure Authority (BAIFA) construction and maintenance projects, including lane closures, traffic breaks, construction zone speed enforcement and queue control. In November 2018, another \$200,000 contract amendment was issued. The current contract will expire in October 2020.

CHP construction and maintenance zone enhanced enforcement services have been successful and essential in maintaining safe work zones for staff working on BATA and BAIFA construction and maintenance projects, including the I-680 and I-880 Express Lanes construction, San Francisco-Oakland Bay Bridge toll plaza canopy improvement project, tolling equipment upgrade project and various toll bridge plaza maintenance projects. Over the next three years, we anticipate an additional need for COZEEP and MAZEEP for construction and maintenance projects, such as: the final work to construct the BAIFA I-880 Express Lanes in Alameda County; metering lights improvement projects at the Bay Bridge, San Mateo-Hayward Bridge and Dumbarton Bridge toll plazas; operational improvement projects on various toll bridge approaches and bridges; and on-going maintenance of BAIFA express lanes and BATA toll facilities and bridges.

Staff is requesting a contract amendment with the CHP in an amount not to exceed \$1,775,000 to reimburse the CHP for traffic control and traffic enforcement services in construction and maintenance zones on an as-needed basis, subject to its availability, as determined by the type and duration of construction activity and lane closure. CHP is reimbursed at an hourly overtime rate and for mileage. An estimated cost breakdown is shown in the following table by program.

Program	Funding Source	Cost	Description of COZEEP/MAZEEP Services over the next 3 years
BAIFA Express Lanes Construction	Express Lanes Capital Project Budget	\$700,000	COZEEP services for projects such as I-880 and other Express Lanes corridors as needed.
BAIFA Maintenance	Express Lanes Operating Project Budget	\$200,000	MAZEEP services for Express Lanes on I-680 and I-880 and other Express Lanes corridors as needed.
BATA Projects	Toll Bridge Rehabilitation Program Budget	\$830,000	COZEEP and MAZEEP services as needed for construction and maintenance activities at the toll approaches, plazas and bridges.
MTC Projects	RM2 Budget	\$45,000	COZEEP services for operational improvement projects at various toll approaches, plazas and bridges.
TOTAL		\$1,775,000	

Staff is also requesting that the contract be extended for a period of three years through October 31, 2023. Future amendments and extensions may be requested to accommodate additional needs for projects during construction. Future amendments may also include dividing this contract into multiple contracts to separate out the costs for the various projects.

Recommendation: Staff recommends that the Committee authorize the Executive Director or designee to enter into a contract amendment in an amount not to exceed \$1,775,000 to provide traffic control and enforcement services for the construction and maintenance zone enhanced enforcement program (COZEEP/MAZEEP), subject to the approval of future BATA and BAIFA budgets, as well as extend the contract through October 31, 2023.

Attachments: Request for Committee Approval – Summary of Proposed Contract Amendment


Therese W. McMillan

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Contract Amendment

Work Item No.:	1237, 1251, 1252, 6844, 6861
Agency:	California Highway Patrol (CHP), Golden Gate Division (Contra Costa, Redwood City, San Francisco, San Jose, Hayward, Marin, Solano, Oakland, Castro Valley, Dublin)
Work Project Title:	Traffic Control and Enforcement Agreement
Purpose of Project:	Reimburse CHP for providing traffic control and traffic enforcement services for the construction and maintenance zone enhanced enforcement program (COZEED/MAZEED).
Brief Scope of Work:	CHP to provide traffic control and traffic enforcement services for construction and maintenance projects.
Project Cost Not to Exceed:	This amendment: \$1,775,000 Current contract amount before this amendment: \$4,805,000 Maximum contract amount after this amendment: \$6,580,000
Funding Source:	Express Lanes Capital Project Budget (\$700,000) Express Lanes Operating Project Budget (\$200,000) Toll Bridge Rehabilitation Program Budget (\$830,000) Regional Measure 2 Funding (\$45,000)
Fiscal Impact:	Funds to be included in future Toll Bridge Rehabilitation Program and Express Lanes Capital and Operating Project Budgets, and Regional Measure 2 Budget, subject to approval.
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a contract amendment with the CHP for traffic control and traffic enforcement services described above and in the BATA Oversight Committee Summary Sheet dated January 8, 2020 and the Chief Financial Officer is authorized to set aside \$1,775,000 for such amendment, subject to the approval of future BATA and BAIFA budgets.
BATA Oversight Committee:	<hr/> Amy R. Worth, Chair
Approved:	January 22, 2020



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 20-0007 **Version:** 1 **Name:**
Type: Contract **Status:** Consent
File created: 11/22/2019 **In control:** Bay Area Toll Authority Oversight Committee
On agenda: 1/8/2020 **Final action:**
Title: Contract Change Order - FasTrak® Regional Customer Service Center: Temporary License Plate
DMV Hold Processing: Conduent State and Local Solutions, Inc. (\$307,248)

Sponsors:

Indexes:

Code sections:

Attachments: [4g 20-0007 ContractChangeOrder Conduent TemporaryPlates.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

Contract Change Order - FasTrak® Regional Customer Service Center: Temporary License Plate
DMV Hold Processing: Conduent State and Local Solutions, Inc. (\$307,248)

Presenter:

Beth Zelinski

Recommended Action:

Committee Approval

Bay Area Toll Authority

Oversight Committee

January 8, 2020

Agenda Item 4g

Contract Change Order – FasTrak® Regional Customer Service Center: Temporary License Plate DMV Hold Processing: Conduent State and Local Solutions, Inc. (\$307,248)

Subject: This item would authorize the Executive Director or designee to negotiate and enter into a contract change order with Conduent State and Local Solutions, Inc. (Conduent) to modify the Customer Service Center (CSC) system to send violations for temporary license plates to DMV registration hold in an amount not to exceed \$307,248.

Background: Based on a competitive selection, BATA entered into a contract with Conduent (formerly, Xerox State and Local Solutions, Inc.) on March 27, 2013 for management and operation of the FasTrak® Customer Service Center (CSC). Under the contract, Conduent provides the FasTrak® account management system, transaction processing, call center operations, web services, payment processing, customer communications, violation image review and violation noticing for bridges and express lanes in the Bay Area.

Beginning in January 2019, under California law, car dealers were required to provide a temporary license plate to new vehicles sold. At that time, the DMV also updated their system to begin providing vehicle registration owner information for the temporary plates to toll agencies in order to pursue violations. Temporary license plates are issued to vehicle owners until the DMV system is updated with the permanent plate that is then issued to the owner. The timeframe to issue permanent plates is approximately 90 days.

Under violation processing by the CSC, toll violations are sent to the vehicle owner based on the temporary license plate. If the violation remains unpaid, the violation may be attached to vehicle registration to be paid on registration renewal (registration hold). However, the DMV system only allows the hold to be placed against the permanent plate, even if the original violation occurred while the vehicle still had the temporary plate. Under this change order, Conduent will modify the CSC system to request additional information about the temporary plate, store the link between the associated temporary and permanent plate, and place registration holds on the permanent plate for violations that originally were detected using the temporary plate.

Attachment A includes a summary of Conduent 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 change order with Conduent in an amount not to exceed \$307,248 to modify the system to process DMV holds for temporary license plates.

Attachments: Attachment A - Small Business and Disadvantaged Business Enterprise Status;
and
Request for Committee Approval – Summary of Proposed Contract Change Order



Therese W. McMillan

Attachment A

Small Business and Disadvantaged Business Enterprise Status

			DBE* Firm			SBE** Firm		
	Firm Name	Role on Project	Yes	DBE #	No	Yes	SBE #	No
Prime Contractor	Conduent	System Development and Operations			X			X
Subcontractor	Atos	Network Management			X			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 Change Order

Work Item No.:	1252
Vendor:	Conduent State and Local Solutions, Inc. (Conduent), San Francisco, CA
Work Project Title:	FasTrak® Regional Customer Service Center (CSC)
Purpose of Project:	Process temporary license plate violations
Brief Scope of Work:	Modify system to send temporary plate violations to DMV hold
Project Cost Not to Exceed:	This Change Order: \$307,248 Current contract amount before this Change Order: \$201,594,250 Maximum contract amount after this Change Order: \$201,901,498
Funding Source:	Toll Bridge Rehabilitation Program Funds
Fiscal Impact:	\$307,248 in funds are included in the FY 2019-20 Toll Bridge Rehabilitation Program Budget.
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a contract change order with Conduent for services as described above and in the Executive Director's Memorandum dated January 8, 2020, and the Chief Financial Officer is directed to set aside funds in the amount of \$307,248 for such contract change order.
BATA Oversight Committee:	<hr/> Amy Worth, Chair
Approved:	January 8, 2020



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 19-1347 **Version:** 1 **Name:**
Type: Resolution **Status:** Authority Approval
File created: 11/12/2019 **In control:** Bay Area Toll Authority Oversight Committee
On agenda: 1/8/2020 **Final action:**
Title: BATA Resolution No. 130, Revised - Amendments to the FY 2019-20 Toll Bridge Program Operating and Capital Budgets

A request that the Committee refer BATA Resolution No. 130, Revised to the Authority for approval of an amendment to the FY 2019-20 Toll Bridge Program Operating and Capital Budgets to add two new positions to the Operating Budget and to make modifications to the BATA Toll Bridge Rehabilitation Program.

Sponsors:

Indexes:

Code sections:

Attachments: [5a_19-1347_1-BATA Reso-130_FY2019-20_Budget_Amendments.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

BATA Resolution No. 130, Revised - Amendments to the FY 2019-20 Toll Bridge Program Operating and Capital Budgets

A request that the Committee refer BATA Resolution No. 130, Revised to the Authority for approval of an amendment to the FY 2019-20 Toll Bridge Program Operating and Capital Budgets to add two new positions to the Operating Budget and to make modifications to the BATA Toll Bridge Rehabilitation Program.

Presenter:

Brian Mayhew

Recommended Action:

Authority Approval

Bay Area Toll Authority Oversight Committee

January 8, 2020

Agenda Item 5a

BATA Resolution No. 130, Revised – Amendments to the FY 2019-20 Toll Bridge Program Operating and Capital Budgets

Subject: A request that the Committee refer BATA Resolution No. 130, Revised to the Authority for approval of an amendment to the FY 2019-20 Toll Bridge Program Operating and Capital Budgets. The proposed amendment will add two new positions to the Operating Budget and to make modifications to the BATA Toll Bridge Rehabilitation Program.

Background: **A. Operating Budget**

Staff is proposing to amend the BATA operating budget to increase the total BATA positions by two, from 53 to 55 full time positions. A total of \$455,587 salary and benefit expense are added to the operating budget.

1. Assistant Director – this position will be performing due diligence vetting the scope and risk of the SR 37 Evaluation project. This will be a project-based position continuing to exist in the future until project is completed or the SR 37 Program is suspended, terminated or otherwise not completed.
2. Contract Specialist – this position will draft, review and oversee our procurement and contract process.

The new positions are in response to the MOU overseeing the potential redesign and construction of SR37 as a possible toll operation and the increasing complexity of BATA contract and procurement processes.

In addition to the new positions, the operating budget has been augmented by approximately \$4.2 million in carryover encumbrances. The encumbrances are for contracts executed in FY 2018-19 with work continuing in FY 2019-20.

The impact of the new positions and encumbrance carryover will be a reduction in the budgeted surplus from \$80.03 million to \$75.35 million between the FY 2019-20 approved and amended budgets respectively.

These changes are shown in Attachment A of BATA Resolution No. 130, Revised.

B. Capital Project Changes

These are three recommended changes to the BATA Capital Program:

1. Richmond Bridge I-580 access improvements – increased to include funds from funding agreement approved on December 11, 2019.	\$1.3 million
2. BATA Rehab Program Contingency- The increase is to account for costs related to damage caused by the recent fires.	\$8.4 million
3. Express Lane adjustment transferring the budget remaining on June 30, 2019 to BAIFA	<\$208 million>

The transfer of the Express Lane Project balance was authorized as part of BATA Resolution No. 130, when it was approved in June 2019.

Recommendation: Staff recommends that this Committee refer BATA Resolution No. 130, Revised, to the Authority for approval. The addition of the new positions is also covered in the January, 2020 MTC Administration Committee Item 3A, MTC Resolution No. 4371, revised.

Attachments: BATA Resolution No. 130, Revised, the BATA Toll Bridge and Operating Budgets for FY 2019-20.


Therese W. McMillan

Date: June 26, 2019
W.I.: 1251, 1252, 1253, 1254, 1255
Referred by: BATA Oversight
Revised: 01/22/20-BATA

ABSTRACT

BATA Resolution No. 130, Revised

This resolution approves the FY 2019-20 Toll Bridge Program Operating and Capital Budgets.

This resolution was revised on January 22, 2020 to update Attachments A, B, C-1 and C-2 which included the FY 2019-20 Operating Budget, Other Capital Projects Budget, Rehabilitation Program Budget Summary and the Ten-Year Toll Bridge Rehabilitation Program.

Further discussion of this action is contained in the BATA Oversight Committee's Summary Sheet dated June 12, 2019, and January 8, 2020. A budget is attached as Attachments A through H.

Date: June 26, 2019
W.I.: 1251, 1252, 1253, 1254, 1255
Referred by: BATA Oversight

BAY AREA TOLL AUTHORITY
RESOLUTION No. 130

WHEREAS, Streets and Highways Code Sections § 30950 et seq. created the Bay Area Toll Authority (“BATA”); and

WHEREAS, Streets and Highways Code § 30950 et seq. transfers to BATA certain duties and responsibilities of the California Transportation Commission (“CTC”) and California Department of Transportation (“Caltrans”) for the toll bridges owned and operated by Caltrans in the San Francisco Bay Area; and

WHEREAS, in accordance with Streets and Highways Code §§ 30950.2 and 30886, BATA is responsible for the administration of all toll revenues from state-owned toll bridges within the jurisdiction of the Metropolitan Transportation Commission (“MTC”); and

WHEREAS, Bay Area bridges are defined in Streets and Highways Code § 30910 to include the Antioch, Benicia-Martinez, Carquinez, Richmond-San Rafael, San Francisco-Oakland, San Mateo-Hayward, and Dumbarton Bridges, and

WHEREAS, Streets and Highways Code § 30950.1 requires BATA to adopt an annual operating budget; and

WHEREAS, Streets and Highways Code § 30958 authorizes MTC to retain an amount not to exceed 1 percent of the gross revenues collected from tolls annually on Bay Area bridges to pay for administrative costs, after payments for debt service on outstanding bonds, and BATA’s direct operating costs; and

WHEREAS, Streets & Highway Code § 30959 authorizes BATA to make direct contributions to MTC not to exceed 1% of annual bridge toll revenue and further authorizes BATA to make additional contributions in the form of loans to MTC provided such loans do not exceed

1% of bridge toll revenue and are fully repaid with interest at the rate that would apply to toll bridge revenue bonds of the same duration; and

WHEREAS, BATA staff has prepared a proposed budget for FY 2019-20 that includes anticipated revenues and expenses, as set forth in Attachment A, and reserve designations as set forth in Attachment H to this resolution, attached hereto and incorporated herein by this reference; and

WHEREAS, pursuant to Streets and Highways Code § 30952, the State of California Department of Transportation (“Caltrans”) is responsible for the capital improvements of the state-owned toll bridges in accordance with programming and scheduling requirements as adopted by Authority; and

WHEREAS, Caltrans has requested that the Authority adopt budgets for capital outlay and support costs of the Regional Measure 1 (RM1) Program, Rehabilitation (Rehab) Program and the Toll Bridge Seismic Retrofit Program (SRP) on the state-owned toll bridges, as listed on attachments to this resolution; and

WHEREAS, pursuant to Streets and Highways Code § 30914, the Authority is responsible for the budgeting and disbursing of Regional Measure 2 (RM2) toll revenues for capital projects in the Regional Traffic Relief Program; and

WHEREAS, pursuant to Streets and Highway Code § 30914.7, Authority is responsible for the budgeting and disbursing of Regional Measure 3 (RM3) toll revenues for capital and operating projects in the Bay Area Traffic Relief Plan; and

WHEREAS, pursuant to Streets and Highways Code §§ 30913 and 31010(b), the Authority is authorized to budget and fund eligible AB 1171 Capital Program projects from toll bridge seismic retrofit surcharge funds exceeding legal requirements to fund and finance the SRP; and

WHEREAS, in accordance with the BATA Plan of Finance plan (BATA Resolution No. 110), adopted by the Authority on November 20, 2013, and the bond covenants adopted under the Master Indenture and Supplemental Indentures, BATA is required to maintain certain reserves and

contingencies including a reserve for operations and maintenance at twice the adopted operating budget and a Self Insurance Reserve of at least \$50 million which are detailed in Attachment H of this resolution; and

WHEREAS, the final draft BATA budget for FY 2019-20 was reviewed and recommended by the BATA Oversight Committee for approval; now, therefore, be it

RESOLVED, that BATA approves the FY 2019-20 Toll Bridge Program operating budget prepared in accordance to generally accepted accounting principles attached hereto as Attachment A and incorporated herein as though set forth in length; and, be it further

RESOLVED, that the Executive Director or designee may approve adjustments among line items in the BATA operating budget for FY 2019-20, provided that there shall be no increase in the overall BATA operating budget without prior approval of BATA; and, be it further

RESOLVED, that BATA delegates to the Oversight Committee the authority to approve all contracts and expenditures for operating and as capital costs in BATA's budget for FY 2019-20, providing that there shall be no increase in the overall budget without prior approval of the Authority; and be it further

RESOLVED, that the BATA Executive Director or the responsible BATA staff person designated by the Executive Director, shall submit written requests to the BATA Oversight Committee for approval of consultants, professional services, and other expenditures authorized in the BATA budget for FY 2019-20; and, be it further

RESOLVED, that the Authority adopt budgets for the FY 2019-20 RM 2, Rehab, SRP, AB 1171, Express Lanes Capital, and RM 3 Programs for the state-owned toll bridges, as listed in Attachments B through G; and be it further

RESOLVED, that the Executive Director and Chief Financial Officer are authorized to close projects and reallocate remaining budgets within the authorized Toll Bridge Rehabilitation Program Budget List and to move funds between designated contingency projects and active

projects provided there is no overall increase to the total approved Toll Bridge Rehabilitation Program Budget; and be it further

RESOLVED, that the Executive Director and Chief Financial Officer are authorized to utilize generally available cash as an advance for project cash flow purposes provided the advanced is repaid from project funds by the close of the fiscal year; and be it further

RESOLVED, that the Authority's Executive Director and the Chief Financial Officer are authorized to carry over and re-budget all grants, contracts, projects, and funds properly budgeted in the prior year for which expenditures were budgeted and encumbered and which will take place in FY 2019-20, and be it further

RESOLVED, that BATA has approved a total budget of \$345 million for the planning, design, construction and operation of the Express Lane Network and designates to BAIFA the authority to administer the budget, contracts, expenses and assets of the Express Lane Network; and be it further

RESOLVED, that BATA approves transferring the remaining budget balance, fixed assets and contracts for the Express Lanes Capital Program to BAIFA in FY 2019-20; and be it further

RESOLVED, that the Authority authorizes fund reserve designations, effective June 30, 2019, as listed in Attachment H; and be it further

RESOLVED, that the Executive Director or Chief Financial Officer are authorized to use available operating reserves to prepay or retire the BATA share of all pension and OPEB obligations; and be it further

RESOLVED, that the Executive Director or Chief Financial Officer are authorized to utilize the resources authorized under Streets and Highway Code Section 30959 to make direct contributions to MTC to assist MTC with the retirement of current and future unfunded pension liabilities; and be it further

RESOLVED, that the Executive Director or designee shall furnish the BATA Oversight Committee with a monthly financial report to reflect budgeted and actual income, expenditures, obligations for professional and consultant services and such other information and data as may be requested by the Committee.

BAY AREA TOLL AUTHORITY



Scott Haggerty, Chair

The above resolution was entered into by the Bay Area Toll Authority at a regular meeting of the Authority held in San Francisco, California on June 26, 2019.

Date: June 26, 2019
W.I.: 1251, 1252, 1253, 1254, 1255, 1256
Referred by: BATA Oversight

Attachments
BATA Resolution No. 130

FY2019-20 Toll Bridge Program
Operating and Capital Budgets

Attachment A: FY 2019-20 Toll Bridge Program Operating Budget.

Attachment B: Other Capital Project Budget, which shows the adopted capital budgets for the Express Lanes and Core Capacity Challenge projects.

Attachment C: FY 2019-29 Ten-Year Toll Bridge Rehabilitation Program, which shows capital outlay and capital outlay support budgets for the toll bridges (comprised of Attachment C-1 detailing the FY 2019-20 budgets and allocations and Attachment C-2, detailing the entire ten-year plan).

Attachment D: RM2 Capital Program Budget, which includes all RM2 capital projects listed as part of the Regional Traffic Relief Plan.

Attachment E: SRP Capital Program Budget, which shows the adopted capital budgets for the SRP projects

Attachment F: AB 1171 Capital Program.

Attachment G: RM3 Capital Program Budget, which includes all RM3 capital projects listed as part of the Bay Area Traffic Relief Plan.

Attachment H: Fund Reserve Designations, effective June 30, 2019.

**ATTACHMENT A
BAY AREA TOLL AUTHORITY
OPERATING BUDGET FY 2019-20**

BATA Resolution No. 130
Date: June 26, 2019
W.I.: 1251 - 1256
Referred by: BATA Oversight Committee
Revised: 01/22/20-BATA

	Adopted Budget FY 2019-20	Amendment FY 2019-20	Change % Inc./(Dec)	Change \$ Inc./(Dec)	
General Toll Revenue	\$734,699,350	\$734,699,350	0.0%	\$0	L1
Violation Revenue	25,000,000	25,000,000	0.0%	0	L2
Interest Revenue	50,000,000	50,000,000	0.0%	0	L3
Reimbursement Revenue	14,764,459	14,764,459	0.0%	0	L4
Rebate for Build America Bonds	71,713,641	71,713,641	0.0%	0	L5
Total Operating Revenue	\$896,177,450	\$896,177,450	0.0%	0	
Total Operating Expense	\$816,148,141	\$820,827,878	0.6%	4,679,737	
Operating Surplus	\$80,029,309	\$75,349,572	-5.8%	(4,679,737)	
Transfer to Toll Bridge Rehabilitation Program	\$80,029,309	\$75,349,572			
Transfer to BAIFA Express Lane	\$95,000,000	\$95,000,000			
Transfer to (from) Reserves	(\$95,000,000)	(\$95,000,000)			
Total Operating Surplus (Shortfall)	\$0	\$0			

REVENUE DETAIL

BUDGET FY 2019-20

	Adopted Budget FY 2019-20	Amendment FY 2019-20	Change % Inc./(Dec)	Change \$ Inc./(Dec)
General Toll Revenue (subtotal)	\$734,699,350	\$734,699,350	0.0%	\$0
RM 1 & Seismic Toll Revenues	\$603,709,547	\$603,709,547	0.0%	\$0
RM 2 Toll Revenues	130,989,803	130,989,803	0.0%	0
Violation and Other Revenue (subtotal)	\$25,000,000	\$25,000,000	0.0%	\$0
Violations	\$25,000,000	\$25,000,000	0.0%	\$0
Interest Revenue (subtotal)	\$50,000,000	\$50,000,000	0.0%	\$0
RM1 Interest Earnings	\$40,000,000	\$40,000,000	0.0%	\$0
RM2 Interest Earnings	10,000,000	10,000,000	0.0%	0
Reimbursement Revenue (subtotal)	\$14,764,459	\$14,764,459	0.0%	\$0
BAIFA Reimbursement	\$780,000	\$780,000	0.0%	\$0
GGBHTD Fastrak Reimbursement	7,200,000	7,200,000	0.0%	0
ACTC Reimbursement	1,700,000	1,700,000	0.0%	0
VT A 237 Express Lane Reimbursement	660,000	660,000	0.0%	0
SFO Airport Reimbursement	463,000	463,000	0.0%	0
EBRPD Reimbursement	1,361,459	1,361,459	N/A	0
Caltrans Reimbursement	0	0	N/A	0
TJPA Reimbursement	600,000	600,000	N/A	0
BAHA Reimbursement	2,000,000	2,000,000	N/A	0
Rebate for Build America Bonds (subtotal)	\$71,713,641	\$71,713,641	0.0%	\$0
Rebate for Build America Bonds	\$71,713,641	\$71,713,641	0.0%	\$0
Total Current Year Revenue	\$896,177,450	\$896,177,450	0.0%	\$0

EXPENSE DETAIL

BUDGET FY 2019-20

	Adopted Budget FY 2019-20	Amendment FY 2019-20	Change % Inc./Dec)	Change \$ Inc./Dec)	
Operating Expense					
Caltrans Operations and Maintenance (Subtotal)	\$29,700,000	\$29,700,000	0.0%	\$0	
Toll Collection & Operations Services	\$24,000,000	\$24,000,000	0.0%	\$0	L6
Toll Bridge & Facility Maintenance (Category A&B)	5,700,000	5,700,000	0.0%	0	L7
Fastrak Operations and Maintenance (Subtotal)	\$53,750,000	\$53,750,000	0.0%	\$0	
RCSC Operations	\$27,000,000	\$27,000,000	0.0%	\$0	L8
Banking/Credit Card Fees	16,900,000	16,900,000	0.0%	0	L9
ATCAS Facility and In-lane Maintenance	3,900,000	3,900,000	0.0%	0	L10
ATCAS Hardware/Software Maintenance	1,750,000	1,750,000	0.0%	0	L11
Collections Contract	1,600,000	1,600,000	0.0%	0	L12
DMV Expenses	2,600,000	2,600,000	0.0%	0	L13
Toll Bridge Operations and Maintenance Total	\$83,450,000	\$83,450,000	0.0%	\$0	
Toll Bridge Administration (Subtotal)	\$32,585,109	\$33,040,696	1.4%	\$455,587	
Salaries and Benefits	\$11,414,844	\$11,870,431	4.0%	\$455,587	L14
Temporary Assistance	493,900	493,900	0.0%	0	L15
Travel&Training/Printing/Memberships	432,765	432,765	0.0%	0	L16
Other	195,200	195,200	0.0%	0	L17
Financing Costs	14,073,400	14,073,400	0.0%	0	L18
Audit/Accounting/Other	2,350,000	2,350,000	0.0%	0	L19
Beale St Assessment	1,800,000	1,800,000	0.0%	0	L20
Business Insurance	600,000	600,000	0.0%	0	L21
Misc. Toll Administration Operating Expenses	1,175,000	1,175,000	0.0%	0	L22
CTC TBPOC Oversight Committee Reimbursement	50,000	50,000	0.0%	0	L23
RM3 Related Expense	0	0	N/A	0	L24
Consultant Contract/Other (Subtotal)	\$4,450,000	\$4,450,000	0.0%	\$0	
ETC Marketing	\$2,435,000	\$2,435,000	0.0%	\$0	L25
Toll Plaza Traffic Operations Analysis	150,000	150,000	0.0%	0	L26
RM2 Project Monitoring - Capital & Ops. Program	265,000	265,000	0.0%	0	L27
Wetland Restoration and Flood Management Project	100,000	100,000	N/A	0	L29
Bridge Owners Conference	500,000	500,000	N/A	0	L30
BATA Contract Contingency	500,000	500,000	0.0%	0	L31
RM2 Contract Contingency	500,000	500,000	0.0%	0	L32
Transfers to MTC (Subtotal)	\$33,296,446	\$33,296,446	0.0%	\$0	
1% Administration	\$8,096,994	\$8,096,994	0.0%	\$0	L33
Additioanal Transfer	\$6,991,519	\$6,991,519	N/A	0	L34
Transfer to MTC	1,320,500	1,320,500	0.0%	0	L35
RM2 Marketing	6,940,000	6,940,000	0.0%	0	L36
Transfer to Legal Reserve	2,600,000	2,600,000	0.0%	0	L37
Disaster Preparedness	40,000	40,000	0.0%	0	L38
Transbay Transit Terminal Maintenance	5,201,958	5,201,958	0.0%	0	L39
Transfer to ABAG SFEP	1,105,475	1,105,475	0.0%	0	L40
Transfer to BART for IG Contract	1,000,000	1,000,000	N/A	0	L41
Debt Service	\$607,490,461	\$607,490,461	0.0%	\$0	L42
RM2 Transit Operating	\$49,776,125	\$49,776,125	0.0%	\$0	L43
Furniture/Equipment	\$50,000	\$50,000	0.0%	\$0	L44
Provision for Depreciation/Amortization	\$5,050,000	\$5,050,000	0.0%	\$0	L45
Contractual Services - Prior Year	\$0	\$4,224,150	N/A	\$4,224,150	
Total Operating Expense	\$816,148,141	\$820,827,878	0.6%	\$4,679,737	



BATA Resolution No. 130
 Date: June 26, 2019
 W.I.: 6840/6953
 Referred by: BATA Oversight Committee
 Revised: 01/22/10-BATA

Attachment B Bay Area Toll Authority

Other Capital Projects

Program #		Total Express Lane (EL) Budget Thru FY 2019-20	BATA EL Expenses	Budget Balance (iv)
6840	Express Lanes Projects - Total (i,ii,iii)	\$ 440,186,120	\$ 231,912,552	\$ 208,273,568

Program #		Prior Approved BATA Budget Thru FY 2019-20	FY 2019-20 Amendments	Life to Date Project Budget
6953	Core Capacity Challenge - Grant	\$ 250,000,000	-	\$ 250,000,000

ⁱ Includes \$4,725,000 transfer in from RM2 Capital

ⁱⁱ Includes \$3,000,000 transfer in from MTC-SAFE in FY 2018-19

ⁱⁱⁱ The budget balance for the Express Lanes Capital Project as of 6/30/19 will be transferred to Bay Area Infrastructure Financing Authority.

^{iv} Transfer to BAIFA Capital Fund in FY 2019-20



Attachment C-1
Bay Area Toll Authority
Rehabilitation Program Budget Summary

BATA Resolution No. 130

Date: June 26, 2019

W.I.: 1251

Referred by: BATA Oversight Committee

Revised: 01/22/20-BATA

		Thru 2019	2020	Adjustments	Thru 2020
Toll Bridge Rehabilitation Program	Support	\$260,043,155	\$27,108,107	\$0	\$287,151,262
Summary	Capital	\$1,061,936,422	\$147,948,236	\$9,734,506	\$1,219,619,164
	Total	\$1,321,979,577	\$175,056,344	\$9,734,506	\$1,506,770,426

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2019	2020	Adjustments	Thru 2020
1	Completed		Var.	Completed/Closed Rehab Projects	Support	\$38,665,694			\$38,665,694
		REHAB			Capital	\$78,636,635			\$78,636,635
		8030			Total	\$117,302,329	\$0		\$117,302,329
2	CTR 0001	00297	SFO	Construct New Toll Operations Building***	Support	\$7,625,800	-\$63,025		\$7,562,775
		REHAB			Capital	\$0			\$0
		6825			Total	\$7,625,800	-\$63,025		\$7,562,775
3	CTR 0002	00394	RSR	RSR Maintenance Building***	Support	\$5,733,571			\$5,733,571
		REHAB			Capital	\$4,480,035			\$4,480,035
		6814			Total	\$10,213,606	\$0		\$10,213,606
4	CTR 0003	01090	ALL	Upgrade Existing SCADA System	Support	\$6,180,409			\$6,180,409
		REHAB			Capital	\$5,597,591			\$5,597,591
		6828			Total	\$11,778,001	\$0		\$11,778,001
5	CTR 0009	01407	SFO	Toll Plaza Median Landscaping***	Support	\$722,112			\$722,112
		REHAB			Capital	\$202,181			\$202,181
		6825			Total	\$924,293	\$0		\$924,293
6	CTR 0010	0120T	SFO	W4 Substation Upgrade, Foghorn Replacement,	Support	\$4,335,000			\$4,335,000
		REHAB	BASE		Capital	\$12,985,000			\$12,985,000
		6825			Total	\$17,320,000	\$0		\$17,320,000
7	CTR 0012	04082	SFO	Replace Substation Equipment on WS***	Support	\$957,644			\$957,644
		REHAB			Capital	\$869,782			\$869,782
		6825			Total	\$1,827,425	\$0		\$1,827,425
8	CTR 0013	04100	SMH	Resurface Orthotropic Deck	Support	\$7,959,000	-\$120,922		\$7,838,078
		REHAB		Deck Rehabilitation & 12KV Cable for Entire Bridge***	Capital	\$28,018,000	-\$137,186		\$27,880,814
		6826			Total	\$35,977,000	-\$258,108		\$35,718,892
9	CTR 0014	3G460	Var.	Northern Bridge Structural Improvements***	Support	\$72,662			\$72,662
		REHAB			Capital	\$0			\$0
		6828			Total	\$72,662	\$0		\$72,662
10	CTR 0015	04224	SMH	Replace Elec Cable Hangers & Upgrade 12kv System***	Support	\$2,869,539			\$2,869,539
		REHAB			Capital	\$2,777,316			\$2,777,316
		6826			Total	\$5,646,855	\$0		\$5,646,855
11	CTR 0016	04225	DUM	Expansion Joint Rehabilitation***	Support	\$2,091,531			\$2,091,531
		REHAB			Capital	\$2,700,672			\$2,700,672
		6827			Total	\$4,792,203	\$0		\$4,792,203
12	CTR 0145	0120S	SFO	SFOBB East Span YBITS 1	Support	\$1,640,000			\$1,640,000
		REHAB		YBI Resurfacing/BASE	Capital	\$22,150,000			\$22,150,000
		6825		Replace Lighting w/ HPS Lighting System	Total	\$23,790,000	\$0		\$23,790,000
13	CTR 0018	04907	CAR	Replace Pier 3 Fender Structure Support and	Support	\$4,811,400			\$4,811,400
		REHAB		Timber Fenders at Piers 2, 3, 4***	Capital	\$17,652,449			\$17,652,449
		6813			Total	\$22,463,849	\$0		\$22,463,849
14	CTR 0027	1G250	SFO	Replace Lighting w/ HPS Lighting System (WB)***	Support	\$714,010			\$714,010
		REHAB			Capital	\$0			\$0
		6825			Total	\$714,010	\$0		\$714,010
15	CTR 0028	1G260	SFO	Replace Lighting w/ HPS Lighting System (EB)***	Support	\$554,232			\$554,232
		REHAB			Capital	\$0			\$0
		6825			Total	\$554,232	\$0		\$554,232
16	CTR 0031	1G660	SFO	SFOBB West Span Pathway	Support	\$1,301,000			\$1,301,000
		REHAB			Capital	\$0			\$0
		6825			Total	\$1,301,000	\$0		\$1,301,000
17	CTR 0032	1G720	SFO	Eyebar Monitoring System (ES)***	Support	\$207,931			\$207,931
		REHAB			Capital	\$3,431,263			\$3,431,263
		6825			Total	\$3,639,194	\$0		\$3,639,194
18	CTR 0147	2F000	SMH	Replace Damaged Transformer and Substation***	Support	\$53,276			\$53,276
		REHAB			Capital	\$204,900			\$204,900
		6826			Total	\$258,176	\$0		\$258,176
19	CTR 0035	2G420	ALL	ATCAS II Oversight***	Support	\$202,495			\$202,495
		REHAB			Capital	\$0			\$0
		6828			Total	\$202,495	\$0		\$202,495

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA	Status		Thru 2019	2020	Adjustments	Thru 2020
20	CTR 0036	2G670	SMH	Cracked Girder Repairs***	Support	\$2,756,322	\$0		\$2,756,322
		REHAB			Capital	\$4,034,364	-\$1,178		\$4,033,186
		6826			Total	\$6,790,687	-\$1,178		\$6,789,509
21	CTR 0043	3G300	Var.	Replace Foghorns/Radar Beacons PID***	Support	\$67,738			\$67,738
		REHAB			Capital	\$0			\$0
		6828			Total	\$67,738	\$0		\$67,738
22	CTR 0045	3G442	SFO	Replace Seismic Dampeners (WS)	Support	\$6,141,000	\$1,300,000		\$7,441,000
		REHAB			Capital	\$23,000,000			\$23,000,000
		6825			Total	\$29,141,000	\$1,300,000		\$30,441,000
23	CTR 0048	3G487	SFO	Structural Steel Painting, Towers	Support	\$164,669	\$1,500,000		\$1,664,669
		REHAB			Capital	\$0	\$0		\$0
		6825			Total	\$164,669	\$1,500,000		\$1,664,669
24	CTR 0049	3G470	Var.	Replace travelers and Rails PIDS***	Support	\$159,815			\$159,815
		REHAB			Capital	\$0			\$0
		6828			Total	\$159,815	\$0		\$159,815
25	CTR 0051	3G480	Var.	Caltrans PSR Planning	Support	\$64,164			\$64,164
		REHAB		Paint Bridge Structures PID ***	Capital	\$0			\$0
		6828			Total	\$64,164	\$0		\$64,164
26	CTR 0052	3G484	RSR	Bridge Paint	Support	\$8,275,000	-\$496,753		\$7,778,247
		REHAB		(Lower Deck Only)	Capital	\$29,299,836			\$29,299,836
		6814		Part 1***	Total	\$37,574,836	-\$496,753		\$37,078,084
27	CTR 0053	3G486	SMH	Bridge Paint	Support	\$8,623,000			\$8,623,000
		REHAB		Part 1	Capital	\$54,000,000			\$54,000,000
		6826			Total	\$62,623,000	\$0		\$62,623,000
28	CTR 0055	3G474	RSR	Structural Steel Painting (Lower Deck and Towers) 2nd Phase	Support	\$5,372,000			\$5,372,000
		REHAB			Capital	\$17,500,000	\$9,115,000		\$26,615,000
		6814			Total	\$22,872,000	\$9,115,000		\$31,987,000
29	CTR 0056	4A860	SFO	Repair Timber Fender at W5***	Support	\$335,109			\$335,109
		REHAB			Capital	\$1,429,316			\$1,429,316
		6825			Total	\$1,764,424	\$0		\$1,764,424
30	CTR 0057	4G280	SFO	Toll Plaza Renovation Oversight***	Support	\$352,488			\$352,488
		REHAB			Capital	\$0			\$0
		6825			Total	\$352,488	\$0		\$352,488
31	CTR 0058	4G290	SFO	Toll Plaza Crash Cushion and Pump Station	Support	\$396,591			\$396,591
		REHAB		Oversight ***	Capital	\$0			\$0
		6825			Total	\$396,591	\$0		\$396,591
32	CTR 0059	91206	ALL	OSM Rehab Planning***	Support	\$158,660			\$158,660
		REHAB			Capital	\$0			\$0
		8629			Total	\$158,660	\$0		\$158,660
33	CTR 0064	97037	ANT	Toll Plaza Rehab Projects***	Support	\$0			\$0
		REHAB			Capital	\$179,979			\$179,979
		8033			Total	\$179,979	\$0		\$179,979
34	CTR 0065	97047	SFO	Toll Plaza Rehab Projects***	Support	\$0			\$0
		REHAB			Capital	\$3,386			\$3,386
		8033			Total	\$3,386	\$0		\$3,386
35	CTR 0078	3G462	BM	Floor Beam Mitigation Phase 1	Support	\$1,922,000			\$1,922,000
		REHAB		(Modification of stringer floor beams due to fatigue cracking)	Capital	\$1,182,000			\$1,182,000
		6812		and Bearing Shear Bolts	Total	\$3,104,000	\$0		\$3,104,000
36	CTR 0088	3G403	CAR	Anchorage Modification, Drainage Improvements,	Support	\$3,822,000	-\$126,035		\$3,695,965
		REHAB		Polyester Concrete Overlay (1958) and Ped	Capital	\$8,165,909			\$8,165,909
		6813		Replace Joint Seals (1958)***	Total	\$11,987,909	-\$126,035		\$11,861,874
37	CTR 0097	3G305	Var.	Replace Fog Horns, Radar Beacons and	Support	\$2,724,000			\$2,724,000
		REHAB		Related Electrical Systems on Southern Bridges	Capital	\$4,500,000			\$4,500,000
		6828			Total	\$7,224,000	\$0		\$7,224,000
38	CTR 0107	3G364	RSR	Substations Upgrade (4 locations)	Support	\$2,087,726	\$1,100,000		\$3,187,726
		REHAB		upgrade from 4,160V to 15kV	Capital	\$0	\$12,500,000		\$12,500,000
		6814		replace power cable 12KV	Total	\$2,087,726	\$13,600,000		\$15,687,726
39	CTR 0119	3G307	SFO	Fog Horns (West Spans)***	Support	\$339,821			\$339,821
		REHAB			Capital	\$0			\$0
		6825			Total	\$339,821	\$0		\$339,821
40	CTR 0120	3G444	SFO	Main Cable Wrap Investigations Phase 1	Support	\$1,523,000			\$1,523,000
		REHAB			Capital	\$8,000,000			\$8,000,000
		6825			Total	\$9,523,000	\$0		\$9,523,000
41	CTR 0121	3G477	SFO	Traveler Replacements and Rail Upgrades	Support	\$380,000			\$380,000
		REHAB			Capital	\$0			\$0
		6825			Total	\$380,000	\$0		\$380,000
42	CTR 0126	3G448	SFO	W1 to W7 Concrete Column Repair and Seal	Support	\$0	\$300,000		\$300,000
		REHAB			Capital	\$0			\$0
		6825			Total	\$0	\$300,000		\$300,000

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA	Status		Thru 2019	2020	Adjustments	Thru 2020
43	CTR 0129	3G457	SFO	SFOBB - Replace Joint Seals (Upper & Lower Deck);	Support	\$3,505,000	-\$99,496		\$3,405,504
		REHAB		RSR - Replace Joint Seals (Upper Deck)	Capital	\$5,368,882			\$5,368,882
		6825		and Resurfacing***	Total	\$8,873,882	-\$99,496		\$8,774,386
44	CTR 0134	4H970	SFO	Gateway Park Oversight	Support	\$1,910,000			\$1,910,000
		REHAB		and Link (4H971) PAED	Capital	\$0			\$0
		6825			Total	\$1,910,000	\$0		\$1,910,000
45	CTR 0147	01408	SFO	SFOBB Maintenance Complex	Support	\$2,864,000	\$51,337		\$2,915,337
		REHAB		Maintenance Complex***	Capital	\$41,674,000	-\$86,662		\$41,587,338
		6825			Total	\$44,538,000	-\$35,325		\$44,502,675
46	CTR 0148	01410	SFO	SFOBB Maintenance Complex	Support	\$0			\$0
		REHAB		Maintenance Warehouse	Capital	\$17,900,000			\$17,900,000
		6825		Phase 2	Total	\$17,900,000	\$0		\$17,900,000
47	CTR 0151	3G443	SFO	Replace Grating Shields and Access Ladders***	Support	\$1,715,469			\$1,715,469
		REHAB			Capital	\$1,473,044			\$1,473,044
		6825			Total	\$3,188,512	\$0		\$3,188,512
48	CTR 0152	0120M	SFO	Toll Plaza Repaving	Support	\$825,782			\$825,782
		REHAB			Capital	\$7,462,218			\$7,462,218
		6825			Total	\$8,288,000	\$0		\$8,288,000
49	CTR 0153	1G310	SFO	Toll Plaza Repaving***	Support	\$0			\$0
		REHAB			Capital	\$1,602,286			\$1,602,286
		6825			Total	\$1,602,286	\$0		\$1,602,286
50	CTR 0154	3G440	SFO	Various Structural PIDS***	Support	\$159,900			\$159,900
		REHAB			Capital	\$0			\$0
		6825			Total	\$159,900	\$0		\$159,900
51	CTR 0155	3G450	VAR	Bridge Joint Seals***	Support	\$57,611			\$57,611
		REHAB			Capital	\$0			\$0
		6828			Total	\$57,611	\$0		\$57,611
52	CTR 0156	3G390	VAR	Bridge Lighting***	Support	\$99,415			\$99,415
		REHAB			Capital	\$0			\$0
		6828			Total	\$99,415	\$0		\$99,415
53	CTR 0157	3G400	VAR	Bridge Overlays***	Support	\$134,556			\$134,556
		REHAB			Capital	\$0			\$0
		6828			Total	\$134,556	\$0		\$134,556
54	CTR 0158	0120F	SFO	East Span Base	Support	\$0			\$0
		REHAB			Capital	\$1,965,000			\$1,965,000
		6825			Total	\$1,965,000	\$0		\$1,965,000
55	CTR 0159	2J870	SFO	West Span BASE	Support	\$588,000			\$588,000
		REHAB			Capital	\$9,500,000			\$9,500,000
		6825			Total	\$10,088,000	\$0		\$10,088,000
56	CTR 0160	4H180	SFO	Refill Seismic Dampeners***	Support	\$22,052			\$22,052
		REHAB			Capital	\$252,546			\$252,546
		6825			Total	\$274,597	\$0		\$274,597
57	CTR 0163	3G447	SFO	Rebuild Damaged Fender System ***	Support	\$238,798			\$238,798
		REHAB		W6	Capital	\$772,842			\$772,842
		6825			Total	\$1,011,640	\$0		\$1,011,640
58	CTR 0182	3G478	Var	PID - Water Line System	Support	\$193,307			\$193,307
		REHAB		Air Compressor, Airlines	Capital	\$0			\$0
		6828			Total	\$193,307	\$0		\$193,307
59	CTR 0201	0J120	RSR	Replace Expansion Joint at Pier 44E***	Support	\$68,600			\$68,600
		REHAB			Capital	\$270,000			\$270,000
		6814			Total	\$338,600	\$0		\$338,600
60	CTR 0202	0J870	SFO	Install Air Gap Monitoring System***	Support	\$95,994			\$95,994
		REHAB			Capital	\$128,755			\$128,755
		6825			Total	\$224,749	\$0		\$224,749
61	CTR 0203	3G360	Var.	Replace Various Navigational and Utility Equipment	Support	\$127,649			\$127,649
		REHAB		Supplemental PID***	Capital	\$0			\$0
		6828			Total	\$127,649	\$0		\$127,649
62	CTR 0204	3G301	Var.	Replace Fog Horns, Radar Beacons and	Support	\$1,556,394	\$700,000		\$2,256,394
		REHAB		Related Electrical Systems on Northern Bridges	Capital	\$0	\$6,000,000		\$6,000,000
		6828			Total	\$1,556,394	\$6,700,000		\$8,256,394
63	CTR 0206	2J680	RSR	RSR Access - PPUL Oversight	Support	\$3,418,000			\$3,418,000
		REHAB			Capital	\$0			\$0
		6814			Total	\$3,418,000	\$0		\$3,418,000
64	CTR 0212	3G368	Var	Substation and Power Cable	Support	\$250,000			\$250,000
		REHAB			Capital	\$0			\$0
		6828			Total	\$250,000	\$0		\$250,000
65	CTR 0213	01412	SFO	CT Oversight of Bridge Yard	Support	\$276,198			\$276,198
		REHAB		(IERBYS Building Slab) ***	Capital	\$0			\$0
		6825			Total	\$276,198	\$0		\$276,198

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA	Status		Thru 2019	2020	Adjustments	Thru 2020
66	CTR 0214	01413	SFO	CT Oversight of Bridge Yard	Support	\$476,178			\$476,178
		REHAB		(IERBYS Building Retrofit)***	Capital	\$0			\$0
		6825			Total	\$476,178	\$0		\$476,178
67	CTR 0215	2J190	SFO	Replace transverse expansion joints ***	Support	\$1,309,010			\$1,309,010
		REHAB		West Span	Capital	\$1,944,698			\$1,944,698
		6825			Total	\$3,253,708	\$0		\$3,253,708
68	CTR 0216	2J410	CARQ	Al Zampa (CARQ) Joint Repair ***	Support	\$146,672			\$146,672
		REHAB			Capital	\$183,592			\$183,592
		6813			Total	\$330,265	\$0		\$330,265
69	CTR 0217	2J400	SFO	I-880 Overhead Signage and Delineation Upgrade	Support	\$46,649			\$46,649
		REHAB		Oversight***	Capital	\$0			\$0
		6825			Total	\$46,649	\$0		\$46,649
70	CTR 0219	0K220	SFO	Metering Lights Upgrade Oversight	Support	\$366,000	\$134,000		\$500,000
		REHAB			Capital	\$0			\$0
		6825			Total	\$366,000	\$134,000		\$500,000
71	CTR 0222	TBD	SFO	SFOBB Maintenance Administration	Support	\$0			\$0
		REHAB			Capital	\$1,000,000			\$1,000,000
		6825			Total	\$1,000,000	\$0		\$1,000,000
72	CTR 0225	4J710	RSR	RSR Access - Bike Ped Oversight	Support	\$937,000			\$937,000
		REHAB			Capital	\$0			\$0
		6814			Total	\$937,000	\$0		\$937,000
73	CTR 0226	1K450	SFO	Roof Repairs at Sterling Substation	Support	\$72,000			\$72,000
		REHAB		Minor Rehab***	Capital	\$119,999			\$119,999
		8033			Total	\$191,999	\$0		\$191,999
74	CTR 0227	1K470	SMH	Roof Repairs at toll admin building (Toll Plaza)	Support	\$60,000			\$60,000
		REHAB		Minor Rehab***	Capital	\$99,550			\$99,550
		8033			Total	\$159,550	\$0		\$159,550
75	CTR 0228	1K460	BM	Bird abatement at Benicia Toll Plaza	Support	\$150,000			\$150,000
		REHAB		Minor Rehab***	Capital	\$249,950			\$249,950
		8033			Total	\$399,950	\$0		\$399,950
76	CTR 0229	0K691	SFO	Install Grease Caps and Repair Pre-stress Tendons	Support	\$1,200,000			\$1,200,000
		REHAB		East Span- Director's Order	Capital	\$3,460,000			\$3,460,000
		6825			Total	\$4,660,000	\$0		\$4,660,000
77	CTR 0230	3G482	BM	Repair Seismic Joint - Pier 3	Support	\$148,912			\$148,912
		REHAB		Director's Order***	Capital	\$250,846			\$250,846
		6812			Total	\$399,758	\$0		\$399,758
78	CTR 0231	TBD	RSR	Replace Aircraft Beacon, Fog Horns, Radar Beacons	Support	\$0	\$0		\$0
		REHAB		and Related Electrical Systems	Capital	\$0	\$0		\$0
		6814		and connect with SCADA	Total	\$0	\$0		\$0
79	CTR 0232	2K960	SFO	YBI Tunnel Concrete Repair	Support	\$695,000			\$695,000
		REHAB			Capital	\$1,580,000			\$1,580,000
		6825			Total	\$2,275,000	\$0		\$2,275,000
80	CTR 0233	3G445	SFO	Fender Repair	Support	\$1,280,000			\$1,280,000
		REHAB		Director's Order	Capital	\$4,700,000			\$4,700,000
		6825			Total	\$5,980,000	\$0		\$5,980,000
81	CTR 0234	2K560	SFO	Repair SFOBB Seismic Dampers	Support	\$185,712			\$185,712
		REHAB		Director's Order***	Capital	\$291,000	-\$11,737		\$279,263
		6825			Total	\$476,712	-\$11,737		\$464,976
82	CTR 0240	TBD	CARQ	Replace Radar Beacons and Related Electrical Systems	Support	\$0			\$0
		REHAB		and connect with SCADA	Capital	\$0			\$0
		6813			Total	\$0	\$0		\$0
83	CTR 0243	TBD	SFO	Replace Fender System and Skirt Modifications	Support	\$0	\$2,000,000		\$2,000,000
		REHAB			Capital	\$0			\$0
		6825			Total	\$0	\$2,000,000		\$2,000,000
84	CTR 0244	TBD	RSR	TBD Work on RSR lower deck, towers, columns, travelers	Support	\$0			\$0
		REHAB			Capital	\$0	\$11,200,000		\$11,200,000
		6814			Total	\$0	\$11,200,000		\$11,200,000
85	CTR 0245	0P560	Var.	Install BASE radio links	Support	\$300,000			\$300,000
		REHAB		Director's Order	Capital	\$750,000			\$750,000
		6828			Total	\$1,050,000	\$0		\$1,050,000
86	CTR 0246	0Q470	SFO	East Span Skyway Polyester Concrete Overlay Repairs	Support	\$90,000			\$90,000
		REHAB		Director's Order	Capital	\$200,000			\$200,000
		6825			Total	\$290,000	\$0		\$290,000
87	CTR 0247	1Q490	SFO	East Span Replace Expansion Joint Panels	Support	\$86,000			\$86,000
		REHAB		Director's Order	Capital	\$314,000			\$314,000
		6825			Total	\$400,000	\$0		\$400,000
88	CTR 0248	1Q500	BM	Repair Water Line	Support	\$120,000			\$120,000
		REHAB		Director's Order	Capital	\$314,000			\$314,000
		6812			Total	\$434,000	\$0		\$434,000

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA	Status		Thru 2019	2020	Adjustments	Thru 2020
89	CTR 0249	1Q360	SFO	SFOBB Replace Seismic Joint Headers and Strip Seals	Support	\$200,000			\$200,000
		REHAB		(West Approach & Anchorage)	Capital	\$560,000			\$560,000
		6825		Director's Order	Total	\$760,000	\$0		\$760,000
90	CTR 0250	1Q950	SFO	SFOBB YBI tunnel Repair Fire Suppression System	Support	\$251,000			\$251,000
		REHAB		Director's Order	Capital	\$314,000			\$314,000
		6825			Total	\$565,000	\$0		\$565,000
91	CTR 0251	2Q910	Var	High Mast Arm Light (HMAL) repair and conversion to LED	Support	\$100,000			\$100,000
		REHAB			Capital	\$1,925,000			\$1,925,000
		8033			Total	\$2,025,000	\$0		\$2,025,000
92	CTR 0252	0P680	CAR	Toll Plaza Asphalt Paving and Polyester Overlay***	Support	\$0			\$0
		REHAB			Capital	\$908,118	\$0		\$908,118
		8033			Total	\$908,118	\$0		\$908,118
93	CTR 0253	2Q930	SMH	Toll Admin bldg.: Remove underground diesel storage tank (UST)	Support	\$12,500			\$12,500
		REHAB			Capital	\$250,000			\$250,000
		8033			Total	\$262,500	\$0		\$262,500
94	CTR 0254	2Q920	SMH	Toll Paint Facility and Plaza – Replace Metals Doors And Other Upg	Support	\$0			\$0
		REHAB			Capital	\$450,000			\$450,000
		8033			Total	\$450,000	\$0		\$450,000
95	CTR 0256	TBD	ANT	Replace and upgrade Radar Beacons, Navigational Lights	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6811			Total	\$0	\$0		\$0
96	CTR 0258	TBD	ANT	Replace Fender System	Support	\$0	\$70,000		\$70,000
		REHAB			Capital	\$0			\$0
		6811			Total	\$0	\$70,000		\$70,000
97	CTR 0259	TBD	CAR	Seismic Transmission Unit (STU) Replacement	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6813			Total	\$0	\$0		\$0
98	CTR 0260	TBD	DUM	Steel Crack Mitigation	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6827			Total	\$0	\$0		\$0
99	CTR 0261	TBD	SMH	Structural Steel Painting (Towers)	Support	\$0			\$0
		REHAB			Capital	\$8,950,000			\$8,950,000
		6826			Total	\$8,950,000	\$0		\$8,950,000
100	CTR 0262	2Q980	BM	Repair Expansion Joint Assemblies	Support	\$500,000			\$500,000
		REHAB			Capital	\$1,950,000			\$1,950,000
		6812			Total	\$2,450,000	\$0		\$2,450,000
101	CTR 0263	3G454	Var.	Concrete Repairs on SMHB Spandrel beam and bent caps	Support	\$700,000	\$1,764,000		\$2,464,000
		REHAB			Capital	\$0	\$11,325,000		\$11,325,000
		6828			Total	\$700,000	\$13,089,000		\$13,789,000
102	CTR 0264	01358	SFO	SFOBB East Span Pier Retention-CMGC	Support	\$0			\$0
		REHAB			Capital	\$3,050,000			\$3,050,000
		6825			Total	\$3,050,000	\$0		\$3,050,000
103	CTR 0265	2Q360	SFO	SFOBB WS Remove Truss Web Scaffolds	Support	\$220,000			\$220,000
		REHAB			Capital	\$550,000			\$550,000
		6825			Total	\$770,000	\$0		\$770,000
104	CTR 0266	01411	SFO	Construct Maintenance Building and Parking Lot	Support	\$0			\$0
		REHAB		(MC3-Training Center)	Capital	\$9,300,000			\$9,300,000
		6825			Total	\$9,300,000	\$0		\$9,300,000
105	CTR 0267	3Q940	RSR	Reconstruct sliding plate joints	Support	\$2,600,000			\$2,600,000
		REHAB		upper deck - 31 joints	Capital	\$8,370,000			\$8,370,000
		6814			Total	\$10,970,000	\$0		\$10,970,000
106	CTR 0268	4Q340	RSR	Richmond-San Rafael Bridge Truss Straightening	Support	\$300,000			\$300,000
		REHAB		Repair vehicle collision damage Director's Order	Capital	\$900,000			\$900,000
		6814			Total	\$1,200,000	\$0		\$1,200,000
107	CTR 0271	TBD	SFO	Structural Steel Paint System, Truss Web North and South,	Support	\$0			\$0
		REHAB		spans 1-6	Capital	\$0			\$0
		6825			Total	\$0	\$0		\$0
108	CTR 0272	TBD	BM	Replace 480V power cable, utility transformers	Support	\$0	\$400,000		\$400,000
		REHAB		(and utility panels (Old Bridge)	Capital	\$0			\$0
		6812			Total	\$0	\$400,000		\$400,000
109	CTR 0273	TBD	BM	Repair 12KV Transfer Scheme and connect it with SCADA	Support	\$0	\$200,000		\$200,000
		REHAB		for remote control and monitoring	Capital	\$0			\$0
		6812			Total	\$0	\$200,000		\$200,000
110	CTR 0274	TBD	SFO	Replace Generators	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6825			Total	\$0	\$0		\$0
111	CTR 0275	TBD	SFO	Replace Comm. Cable (SCADA 50 Pair Cable) West Span	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6825			Total	\$0	\$0		\$0

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA	Status		Thru 2019	2020	Adjustments	Thru 2020
112	CTR 0276	TBD	SFO	Replace Utility Stations and Armored Cable on West Span	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6825			Total	\$0	\$0		\$0
113	CTR 0277	TBD	DUM	Air Compressor, Pier 44- Replace	Support	\$0	\$100,000		\$100,000
		REHAB			Capital	\$0	\$240,000		\$240,000
		6827			Total	\$0	\$340,000		\$340,000
114	CTR 0278	TBD	SMH	Replace Generators	Support	\$0	\$300,000		\$300,000
		REHAB			Capital	\$0	\$0		\$0
		6826			Total	\$0	\$300,000		\$300,000
115	CTR 0279	TBD	VAR	Replace Generators for Dum and RSR	Support	\$0	\$300,000		\$300,000
		REHAB			Capital	\$0	\$700,000		\$700,000
		8629			Total	\$0	\$1,000,000		\$1,000,000
116	CTR 0280	TBD	DUM	Substations Upgrade	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6827			Total	\$0	\$0		\$0
117	CTR 0281	TBD	SMH	Replace Power Cable (480V)	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6826			Total	\$0	\$0		\$0
118	CTR 0282	TBD	VAR	Existing Water Line System, Air compressor and Air lines North Bridges	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6828			Total	\$0	\$0		\$0
119	CTR 0283	TBD	VAR	Existing Water Line System, Air compressor and Airlines South Bridges	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6828			Total	\$0	\$0		\$0
120	CTR 0284	TBD	VAR	Replace Existing Conduit and Cable with Armored Cables (ANT, BM, CARQ, DUM, RSR & SMH)	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6828			Total	\$0	\$0		\$0
121	CTR 0285	TBD	CARQ	Overlay (Al Zampa)	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6813			Total	\$0	\$0		\$0
122	CTR 0286	TBD	SFO	SFOBB - Replace Joint Seals (Upper & Lower Deck)	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6825			Total	\$0	\$0		\$0
123	CTR 0287	TBD	RSR	Replace Joint Seals	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6814			Total	\$0	\$0		\$0
124	CTR 0288	TBD	SFO	Air Compressors at YBI Substation	Support	\$0	\$320,000		\$320,000
		REHAB			Capital	\$0	\$800,000		\$800,000
		6825			Total	\$0	\$1,120,000		\$1,120,000
125	CTR 0289	TBD	SMH	Air Compressors at Bridge and Pier 1- Replace	Support	\$0	\$200,000		\$200,000
		REHAB			Capital	\$0	\$500,000		\$500,000
		6826			Total	\$0	\$700,000		\$700,000
126	CTR 0060	91207	Var.	Caltrans Capital Coordination	Support	\$8,068,000	\$1,000,000		\$9,068,000
		REHAB			Capital	\$0			\$0
		6828			Total	\$8,068,000	\$1,000,000		\$9,068,000
127	CTR 0061	93030	ALL	Toll Bridge Inspections	Support	\$27,200,000	\$3,000,000		\$30,200,000
		REHAB			Capital	\$0			\$0
		6828			Total	\$27,200,000	\$3,000,000		\$30,200,000
128	CTR 0062	93870	ALL	Base Security	Support	\$13,900,000	\$1,700,000		\$15,600,000
		REHAB			Capital	\$0			\$0
		6828			Total	\$13,900,000	\$1,700,000		\$15,600,000
129	CTR 0235	92685	Var.	Structural Steel Paint by State Forces	Support	\$13,700,000	\$8,500,000		\$22,200,000
		REHAB			Capital	\$0			\$0
		6828			Total	\$13,700,000	\$8,500,000		\$22,200,000
130	CTR 0069	97708	Var.	Caltrans ETC Traffic Operations Support	Support	\$6,950,000	\$400,000		\$7,350,000
		REHAB			Capital	\$0			\$0
		6828			Total	\$6,950,000	\$400,000		\$7,350,000
131	CTR 0269	TBD	Var.	Bridge Facilities Capital Rehab by State forces	Support	\$0	\$400,000		\$400,000
		REHAB			Capital	\$0	\$1,300,000		\$1,300,000
		6828			Total	\$0	\$1,700,000		\$1,700,000
132	CTR 0270	TBD	Var.	Load Rating	Support	\$0	\$400,000		\$400,000
		REHAB			Capital	\$0	\$1,200,000		\$1,200,000
		6828			Total	\$0	\$1,600,000		\$1,600,000
133	CTR Res	CTR Res	Var.	Caltrans Program Contingency	Support	\$28,000			\$28,000
		REHAB			Capital	\$0	\$6,000,000		\$6,000,000
		6829			Total	\$28,000	\$6,000,000		\$6,028,000
134	880/92	2G361	880/92	Landscaping**	Support	\$1,160,000			\$1,160,000
		RM1			Capital	\$1,800,000			\$1,800,000
		8615			Total	\$2,960,000	\$0		\$2,960,000

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA	Status		Thru 2019	2020	Adjustments	Thru 2020
135	880/92	2G362	880/92	Landscaping**	Support	\$836,000			\$836,000
		RM1			Capital	\$0			\$0
		8615			Total	\$836,000	\$0		\$836,000
136	BM	0060A	BM	Modification to 1962 Bridge**	Support	\$6,211			\$6,211
		RM1		***	Capital	\$0			\$0
		8210			Total	\$6,211	\$0		\$6,211
137	BM	0060C	BM	Replacement Planting**	Support	\$584,000			\$584,000
		RM1		***	Capital	\$1,125,000			\$1,125,000
		8210			Total	\$1,709,000	\$0		\$1,709,000
138	CAR	0130J	CAR	Site Mitigation 3**	Support	\$150,000			\$150,000
		RM1		*	Capital	\$0			\$0
		8315			Total	\$150,000	\$0		\$150,000
139	CAR	0130K	CAR	Misc Landscaping**	Support	\$4,177			\$4,177
		RM1		***	Capital	\$0			\$0
		8315			Total	\$4,177	\$0		\$4,177
140	880/92	01601	880/92	880/92 Interchange**	Support	\$344,000			\$344,000
		RM1		***	Capital	\$2,500,000			\$2,500,000
		8615			Total	\$2,844,000	\$0		\$2,844,000
141	SMH	27790	SMH	Bay Trail Improvement**	Support	\$0			\$0
		RM1		***	Capital	\$115,000	-\$115,000		\$0
		8637			Total	\$115,000	-\$115,000		\$0
142	BR 0001	8531	BATA	Benicia ORT***	Support	\$0			\$0
		REHAB			Capital	\$4,153,000			\$4,153,000
					Total	\$4,153,000	\$0		\$4,153,000
143	BR 0002	8539	BATA	SFOBB Eyebar Review***	Support	\$2,914,000			\$2,914,000
		REHAB			Capital	\$0			\$0
					Total	\$2,914,000	\$0		\$2,914,000
144	BR 0003	8594	BATA	SFOBB West Span Pathway Planning	Support	\$1,750,000			\$1,750,000
		REHAB			Capital	\$10,550,000			\$10,550,000
					Total	\$12,300,000	\$0		\$12,300,000
145	BR 0004	8909	BATA	Gateway Park	Support	\$1,273,000			\$1,273,000
		REHAB			Capital	\$26,701,863			\$26,701,863
					Total	\$27,974,863	\$0		\$27,974,863
146	BR 0005	8913	BATA	SFOBB Administration Building***	Support	\$5,000,000			\$5,000,000
		REHAB			Capital	\$20,619,200	-\$300,000		\$20,319,200
					Total	\$25,619,200	-\$300,000		\$25,319,200
147	BR 0006	8918	BATA	SFOBB Maintenance Complex	Support	\$0			\$0
		REHAB			Capital	\$531,000			\$531,000
					Total	\$531,000	\$0		\$531,000
148	BR 0008	8921	BATA	SFOBB FasTrak Lane Conversion***	Support	\$0			\$0
		REHAB			Capital	\$3,575,000	-\$1,800,000		\$1,775,000
					Total	\$3,575,000	-\$1,800,000		\$1,775,000
149	BR 0009	8922	BATA	Metering Lights Upgrade	Support	\$0	\$500,000		\$500,000
		REHAB			Capital	\$9,680,000	\$1,000,000		\$10,680,000
					Total	\$9,680,000	\$1,500,000		\$11,180,000
150	BR 0010	8920	BATA	SFO Plaza and Canopy Improvements***	Support	\$3,991,000			\$3,991,000
		REHAB			Capital	\$5,272,000			\$5,272,000
					Total	\$9,263,000	\$0		\$9,263,000
151	BR 0011	8923	BATA	Bridge Documentation	Support	\$0			\$0
		REHAB			Capital	\$500,000			\$500,000
					Total	\$500,000	\$0		\$500,000
152	BR 0013	8602	BATA	Hybrid/ETC Lane Modifications***	Support	\$0			\$0
		REHAB			Capital	\$874,000			\$874,000
					Total	\$874,000	\$0		\$874,000
153	BR 0014	8907	BATA	Toll Plaza Maintenance Agreement	Support	\$350,000	\$75,000		\$425,000
		REHAB			Capital	\$26,098,000	\$2,310,000		\$28,408,000
					Total	\$26,448,000	\$2,385,000		\$28,833,000
154	BR 0016	8631	BATA	Callboxes***	Support	\$0			\$0
		REHAB			Capital	\$2,344,000			\$2,344,000
					Total	\$2,344,000	\$0		\$2,344,000
155	BR 0017	8900	BATA	2003 CSC Procurement	Support	\$1,679,000			\$1,679,000
		REHAB			Capital	\$10,679,000			\$10,679,000
					Total	\$12,358,000	\$0		\$12,358,000
156	BR 0018	8901	BATA	Ongoing Toll Tag Procurement	Support	\$0			\$0
		REHAB			Capital	\$88,999,532	\$10,500,000		\$99,499,532
					Total	\$88,999,532	\$10,500,000		\$99,499,532
157	BR 0019	8902	BATA	2012 CSC Procurement	Support	\$0			\$0
		REHAB			Capital	\$20,750,000	\$2,700,000		\$23,450,000
					Total	\$20,750,000	\$2,700,000		\$23,450,000

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA	Status		Thru 2019	2020	Adjustments	Thru 2020
158	BR 0020	8903	BATA	Future Lane/Host Upgrades and Replacement	Support	\$0			\$0
		REHAB		(ATCAS)	Capital	\$33,545,000			\$33,545,000
					Total	\$33,545,000	\$0		\$33,545,000
159	BR 0021	8904	BATA	FasTrak Sign and Sign Structure Improvements	Support	\$1,000,000			\$1,000,000
		REHAB		(Strategic Plan)	Capital	\$28,510,130			\$28,510,130
					Total	\$29,510,130	\$0		\$29,510,130
160	BR 0022	8905	BATA	Misc Bridge Improvements	Support	\$400,000			\$400,000
		REHAB			Capital	\$23,314,000			\$23,314,000
					Total	\$23,714,000	\$0		\$23,714,000
161	BR 0023	8908	BATA	BATA Technology Infrastructure	Support	\$0			\$0
		REHAB		(HW, SW, NETWORK)	Capital	\$4,035,000	\$800,000		\$4,835,000
					Total	\$4,035,000	\$800,000		\$4,835,000
162	BR 0025	8912	BATA	Tag Inventory Conversion	Support	\$200,000			\$200,000
		REHAB		(Upgrade Technology) ***	Capital	\$1,736,500			\$1,736,500
					Total	\$1,936,500	\$0		\$1,936,500
163	BR 0026	8914	BATA	Violation Enforcement System***	Support	\$0			\$0
		REHAB			Capital	\$7,842,000			\$7,842,000
					Total	\$7,842,000	\$0		\$7,842,000
164	BR 0027	8916	BATA	Bay Crossing Study***	Support	\$540,000			\$540,000
		REHAB			Capital	\$0			\$0
					Total	\$540,000	\$0		\$540,000
165	BR 0028	8917	BATA	BATA Technology Security and	Support	\$0			\$0
		REHAB		Bridge Corridor Communications Infrastructure	Capital	\$750,000	\$550,000		\$1,300,000
				(Dumbarton, SMH, SFOBB)	Total	\$750,000	\$550,000		\$1,300,000
166	BR 0029	8926	BATA	Bridge Modeling and Investigations	Support	\$2,000,000			\$2,000,000
		REHAB			Capital	\$3,801,198			\$3,801,198
					Total	\$5,801,198	\$0		\$5,801,198
167	BR 0030	8000-16	BATA	Program Monitoring	Support	\$0			\$0
		REHAB			Capital	\$46,444,709			\$46,444,709
					Total	\$46,444,709	\$0		\$46,444,709
168	BR 0031	8000-05	BATA	Capital Program Audits	Support	\$0			\$0
		REHAB			Capital	\$8,300,000			\$8,300,000
					Total	\$8,300,000	\$0		\$8,300,000
169	BR 0034	8924	BATA	Antioch Bridge	Support	\$0			\$0
		REHAB		CCTA 160/4 Interchange	Capital	\$50,000,000			\$50,000,000
					Total	\$50,000,000	\$0		\$50,000,000
170	BR 0035	8930	BATA	Richmond-San Rafael Bridge	Support	\$1,494,000			\$1,494,000
		REHAB		I-580 Access Improvements	Capital	\$80,434,000	\$1,500,000	\$1,300,000	\$83,234,000
					Total	\$81,928,000	\$1,500,000	\$1,300,000	\$84,728,000
171	BR 0038	8937	BATA	2020 CSC Procurement	Support	\$0			\$0
		REHAB			Capital	\$4,000,000	\$30,000,000		\$34,000,000
					Total	\$4,000,000	\$30,000,000		\$34,000,000
172	BR 0039	8933	BATA	Plan Bay Area TMS	Support	\$0			\$0
		REHAB			Capital	\$9,000,000			\$9,000,000
					Total	\$9,000,000	\$0		\$9,000,000
173	BR 0040	8012	BATA	All Electronic Tolling	Support	\$0			\$0
		REHAB			Capital	\$1,263,000	\$4,700,000		\$5,963,000
					Total	\$1,263,000	\$4,700,000		\$5,963,000
174	BR 0043	8936	BATA	Backhaul Connection Infrastructure	Support	\$0			\$0
		REHAB			Capital	\$1,000,000			\$1,000,000
					Total	\$1,000,000	\$0		\$1,000,000
175	BR 0044	8540	BATA	Regional Transportation Sea Level Rise Asset	Support	\$0			\$0
		REHAB			Capital	\$2,000,000			\$2,000,000
					Total	\$2,000,000	\$0		\$2,000,000
176	BR 0045	8530	BATA	Drainage studies for the Bridges	Support	\$0			\$0
		REHAB			Capital	\$500,000			\$500,000
					Total	\$500,000	\$0		\$500,000
177	BR 0046	8528	BATA	Bay Lights Maintenance	Support	\$0			\$0
		REHAB			Capital	\$640,000	\$160,000		\$800,000
					Total	\$640,000	\$160,000		\$800,000
178	BR 0047	8938	BATA	Misc East Span Project Improvements	Support	\$0			\$0
		REHAB			Capital	\$12,083,854			\$12,083,854
					Total	\$12,083,854	\$0		\$12,083,854
179	BR 0048	8939	BATA	Asset Management	Support	\$0			\$0
		REHAB			Capital	\$3,700,000	\$1,000,000		\$4,700,000
					Total	\$3,700,000	\$1,000,000		\$4,700,000
180	BR 0049	8941	BATA	CHP - COZEPP/MAZEPP	Support	\$200,000			\$200,000
		REHAB			Capital	\$0	\$100,000		\$100,000
					Total	\$200,000	\$100,000		\$300,000

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA	Status		Thru 2019	2020	Adjustments	Thru 2020
181	BR 0050	8940	BATA	HOV Lane Enforcement	Support	\$1,300,000	\$1,300,000		\$2,600,000
		REHAB		Vehicle Occupancy	Capital	\$0	\$4,000,000		\$4,000,000
					Total	\$1,300,000	\$5,300,000		\$6,600,000
182	BR 0051	8942	BATA	Bridge Yard Capital Improvements	Support	\$0			\$0
		REHAB			Capital	\$500,000			\$500,000
					Total	\$500,000	\$0		\$500,000
183	BR 0052	8943	BATA	Link: Bike/Ped Access to East Span of SFOBB	Support	\$0			\$0
		REHAB			Capital	\$200,000	\$1,000,000		\$1,200,000
					Total	\$200,000	\$1,000,000		\$1,200,000
184	BR 0053	8944	BATA	Dumbarton Bridge Operational Improvement	Support	\$0			\$0
		REHAB			Capital	\$3,000,000	\$14,000,000		\$17,000,000
					Total	\$3,000,000	\$14,000,000		\$17,000,000
185	BR 0054	8945	BATA	Next Gen Clipper (C2) System	Support	\$0			\$0
		REHAB			Capital	\$9,600,000			\$9,600,000
					Total	\$9,600,000	\$0		\$9,600,000
186	BR 0055	TBD	BATA	I-680/I-80/SR-12 Interchange Package 2A	Support	\$0			\$0
		REHAB			Capital	\$0	\$7,200,000		\$7,200,000
					Total	\$0	\$7,200,000		\$7,200,000
187	BR 0056	TBD	BATA	SR-37 Evaluation	Support	\$0			\$0
		REHAB			Capital	\$0	\$8,000,000		\$8,000,000
					Total	\$0	\$8,000,000		\$8,000,000
188	BR Res	8928	Var.	BATA Program Contingency	Support	\$0			\$0
		REHAB		RM1 Closeout	Capital	\$16,565,494		\$8,434,506	\$25,000,000
					Total	\$16,565,494	\$0	\$8,434,506	\$25,000,000

*Caltrans Capital includes capital outlay construction and right-of-way.
 **Previous expenses covered in RM1 Program.
 *** Project closed to expenditures June 30, 2019 or earlier.

		Thru 2019	2020	Adjustments	Thru 2020
Toll Bridge Rehabilitation Program Summary	Support	\$260,043,155	\$27,108,107	\$0	\$287,151,262
	Capital	\$1,061,936,422	\$147,948,236	\$9,734,506	\$1,219,619,164
	Total	\$1,321,979,577	\$175,056,344	\$9,734,506	\$1,506,770,426
Caltrans Rehabilitation Program Summary	Support	\$235,952,154	\$25,233,107	\$0	\$261,185,262
	Capital	\$477,844,942	\$60,528,236	\$0	\$538,373,179
	Total	\$713,797,097	\$85,761,344	\$0	\$799,558,440
BATA Rehabilitation Program Summary	Support	\$24,091,000	\$1,875,000	\$0	\$25,966,000
	Capital	\$584,091,480	\$87,420,000	\$9,734,506	\$681,245,986
	Total	\$608,182,480	\$89,295,000	\$9,734,506	\$707,211,986



Attachment C-2
Bay Area Toll Authority
 FY 2020-29 Ten-Year Toll Bridge Rehabilitation Program

BATA Resolution No. 130
 Date: June 26, 2019
 W.L.: 1251
 Referred by: BATA Oversight Committee
 Revised: 01/22/20-BATA

		Thru 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Toll Bridge Rehabilitation Program	Support	\$260,043,155	\$27,108,107	\$31,030,000	\$31,300,000	\$31,050,000	\$24,050,000	\$23,500,000	\$22,550,000	\$17,300,000	\$17,850,000	\$17,100,000	\$502,881,262
Summary	Capital	\$1,061,936,422	\$157,682,742	\$87,870,000	\$122,890,000	\$113,583,000	\$81,770,000	\$24,520,000	\$23,620,000	\$22,470,000	\$30,790,000	\$26,460,000	\$1,753,592,164
	Total	\$1,321,979,577	\$184,790,850	\$118,900,000	\$154,190,000	\$144,633,000	\$105,820,000	\$48,020,000	\$46,170,000	\$39,770,000	\$48,640,000	\$43,560,000	\$2,256,473,426

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
1	Completed		Var.	Completed/Closed Rehab Projects	Support	\$38,665,694											\$38,665,694
		REHAB 8030			Capital	\$78,636,635											\$78,636,635
					Total	\$117,302,329	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$117,302,329
2	CTR 0001	00297	SFO	Construct New Toll Operations Building***	Support	\$7,625,800	-\$63,025										\$7,562,775
		REHAB 6825			Capital	\$0											\$0
					Total	\$7,625,800	-\$63,025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,562,775
3	CTR 0002	00394	RSR	RSR Maintenance Building***	Support	\$5,733,571											\$5,733,571
		REHAB 6814			Capital	\$4,480,035											\$4,480,035
					Total	\$10,213,606	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,213,606
4	CTR 0003	01090	ALL	Upgrade Existing SCADA System	Support	\$6,180,409											\$6,180,409
		REHAB 6828			Capital	\$5,597,591											\$5,597,591
					Total	\$11,778,001	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,778,001
5	CTR 0009	01407	SFO	Toll Plaza Median Landscaping***	Support	\$722,112											\$722,112
		REHAB 6825			Capital	\$202,181											\$202,181
					Total	\$924,293	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$924,293
6	CTR 0010	0120T	SFO	W4 Substation Upgrade, Foghorn Replacement	Support	\$4,335,000											\$4,335,000
		REHAB 6825		BASE	Capital	\$12,985,000											\$12,985,000
					Total	\$17,320,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,320,000
7	CTR 0012	04082	SFO	Replace Substation Equipment on WS***	Support	\$957,644											\$957,644
		REHAB 6825			Capital	\$869,782											\$869,782
					Total	\$1,827,425	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,827,425
8	CTR 0013	04100	SMH	Resurface Orthotropic Deck	Support	\$7,959,000	-\$120,922										\$7,838,078
		REHAB 6826		Deck Rehabilitation & 12KV Cable for Entire Bridge***	Capital	\$28,018,000	-\$137,186										\$27,880,814
					Total	\$35,977,000	-\$258,108	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35,718,892
9	CTR 0014	3G460	Var.	Northern Bridge Structural Improvements***	Support	\$72,662											\$72,662
		REHAB 6828			Capital	\$0											\$0
					Total	\$72,662	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$72,662
10	CTR 0015	04224	SMH	Replace Elec Cable Hangers & Upgrade 12kV System***	Support	\$2,869,539											\$2,869,539
		REHAB 6826			Capital	\$2,777,316											\$2,777,316
					Total	\$5,646,855	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,646,855
11	CTR 0016	04225	DUM	Expansion Joint Rehabilitation***	Support	\$2,091,531											\$2,091,531
		REHAB 6827			Capital	\$2,700,672											\$2,700,672
					Total	\$4,792,203	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,792,203
12	CTR 0145	0120S	SFO	SFOBB East Span YBITS 1	Support	\$1,640,000											\$1,640,000
		REHAB 6825		YBI Resurfacing/BASE	Capital	\$22,150,000											\$22,150,000
				Replace Lighting w/ HPS Lighting System	Total	\$23,790,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,790,000
13	CTR 0018	04907	CAR	Replace Pier 3 Fender Structure Support and	Support	\$4,811,400											\$4,811,400
		REHAB 6813		Timber Fenders at Piers 2, 3, 4***	Capital	\$17,652,449											\$17,652,449
					Total	\$22,463,849	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,463,849
14	CTR 0027	1G250	SFO	Replace Lighting w/ HPS Lighting System (WB)***	Support	\$714,010											\$714,010
		REHAB 6825			Capital	\$0											\$0
					Total	\$714,010	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$714,010

Line No.	Project No.	EA	Bridge	Description													Total
		Program	CCA			Thru 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
15	CTR 0028	1G260	SFO	Replace Lighting w/ HPS Lighting System (EB)***	Support	\$554,232											\$554,232
		REHAB			Capital	\$0											\$0
		6825			Total	\$554,232	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$554,232
16	CTR 0031	1G660	SFO	SFOBB West Span Pathway	Support	\$1,301,000											\$1,301,000
		REHAB			Capital	\$0											\$0
		6825			Total	\$1,301,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,301,000
17	CTR 0032	1G720	SFO	Eyebar Monitoring System (ES)***	Support	\$207,931											\$207,931
		REHAB			Capital	\$3,431,263											\$3,431,263
		6825			Total	\$3,639,194	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,639,194
18	CTR 0147	2F000	SMH	Replace Damaged Transformer and Substation***	Support	\$53,276											\$53,276
		REHAB			Capital	\$204,900											\$204,900
		6826			Total	\$258,176	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$258,176
19	CTR 0035	2G420	ALL	ATCAS II Oversight***	Support	\$202,495											\$202,495
		REHAB			Capital	\$0											\$0
		6828			Total	\$202,495	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$202,495
20	CTR 0036	2G670	SMH	Cracked Girder Repairs***	Support	\$2,756,322	\$0										\$2,756,322
		REHAB			Capital	\$4,034,364	-\$1,178										\$4,033,186
		6826			Total	\$6,790,687	-\$1,178	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,789,509
21	CTR 0043	3G300	Var.	Replace Foghorns/Radar Beacons PID***	Support	\$67,738											\$67,738
		REHAB			Capital	\$0											\$0
		6828			Total	\$67,738	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$67,738
22	CTR 0045	3G442	SFO	Replace Seismic Dampeners (WS)	Support	\$6,141,000	\$1,300,000	\$1,300,000									\$8,741,000
		REHAB			Capital	\$23,000,000											\$23,000,000
		6825			Total	\$29,141,000	\$1,300,000	\$1,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$31,741,000
23	CTR 0048	3G487	SFO	Structural Steel Painting, Towers	Support	\$164,669	\$1,500,000	\$3,000,000	\$3,000,000	\$2,500,000							\$10,164,669
		REHAB			Capital	\$0	\$0	\$0	\$26,000,000	\$16,000,000							\$42,000,000
		6825			Total	\$164,669	\$1,500,000	\$3,000,000	\$29,000,000	\$18,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$52,164,669
24	CTR 0049	3G470	Var.	Replace travelers and Rails PIDS***	Support	\$159,815											\$159,815
		REHAB			Capital	\$0											\$0
		6828			Total	\$159,815	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$159,815
25	CTR 0051	3G480	Var.	Caltrans PSR Planning	Support	\$64,164											\$64,164
		REHAB		Paint Bridge Structures PID ***	Capital	\$0											\$0
		6828			Total	\$64,164	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$64,164
26	CTR 0052	3G484	RSR	Bridge Paint	Support	\$8,275,000	-\$496,753										\$7,778,247
		REHAB		(Lower Deck Only)	Capital	\$29,299,836											\$29,299,836
		6814		Part 1***	Total	\$37,574,836	-\$496,753	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$37,078,084
27	CTR 0053	3G486	SMH	Bridge Paint	Support	\$8,623,000											\$8,623,000
		REHAB		Part 1	Capital	\$54,000,000											\$54,000,000
		6826			Total	\$62,623,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$62,623,000
28	CTR 0055	3G474	RSR	Structural Steel Painting (Lower Deck and Towers) 2nd Phase	Support	\$5,372,000											\$5,372,000
		REHAB			Capital	\$17,500,000	\$9,115,000	\$17,000,000	\$17,000,000								\$60,615,000
		6814			Total	\$22,872,000	\$9,115,000	\$17,000,000	\$17,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65,987,000
29	CTR 0056	4A860	SFO	Repair Timber Fender at W5***	Support	\$335,109											\$335,109
		REHAB			Capital	\$1,429,316											\$1,429,316
		6825			Total	\$1,764,424	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,764,424
30	CTR 0057	4G280	SFO	Toll Plaza Renovation Oversight***	Support	\$352,488											\$352,488
		REHAB			Capital	\$0											\$0
		6825			Total	\$352,488	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$352,488
31	CTR 0058	4G290	SFO	Toll Plaza Crash Cushion and Pump Station	Support	\$396,591											\$396,591
		REHAB		Oversight ***	Capital	\$0											\$0
		6825			Total	\$396,591	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$396,591
32	CTR 0059	91206	ALL	OSM Rehab Planning***	Support	\$158,660											\$158,660
		REHAB			Capital	\$0											\$0
		8629			Total	\$158,660	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$158,660
33	CTR 0064	97037	ANT	Toll Plaza Rehab Projects***	Support	\$0											\$0
		REHAB			Capital	\$179,979											\$179,979
		8033			Total	\$179,979	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$179,979

Line No.	Project No.	EA	Bridge	Description Status													Total
		Program	CCA			Thru 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
34	CTR 0065	97047	SFO	Toll Plaza Rehab Projects***	Support	\$0											\$0
		REHAB			Capital	\$3,386											\$3,386
		8033			Total	\$3,386	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,386
35	CTR 0078	3G462	BM	Floor Beam Mitigation Phase 1	Support	\$1,922,000											\$1,922,000
		REHAB		(Modification of stringer floor beams due to fatigue cracking)	Capital	\$1,182,000											\$1,182,000
		6812		and Bearing Shear Bolts	Total	\$3,104,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,104,000
36	CTR 0088	3G403	CAR	Anchorage Modification, Drainage Improvements,	Support	\$3,822,000	-\$126,035										\$3,695,965
		REHAB		Polyester Concrete Overlay (1958) and Ped	Capital	\$8,165,909											\$8,165,909
		6813		Replace Joint Seals (1958)***	Total	\$11,987,909	-\$126,035	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,861,874
37	CTR 0097	3G305	Var.	Replace Fog Horns, Radar Beacons and	Support	\$2,724,000											\$2,724,000
		REHAB		Related Electrical Systems on Southern Bridges	Capital	\$4,500,000											\$4,500,000
		6828			Total	\$7,224,000	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,224,000
38	CTR 0107	3G364	RSR	Substations Upgrade (4 locations)	Support	\$2,087,726	\$1,100,000										\$3,187,726
		REHAB		Upgrade from 4.160V to 15KV	Capital	\$0	\$12,500,000										\$12,500,000
		6814		replace power cable 12KV	Total	\$2,087,726	\$13,600,000	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$15,687,726
39	CTR 0119	3G307	SFO	Fog Horns (West Spans)***	Support	\$339,821											\$339,821
		REHAB			Capital	\$0											\$0
		6825			Total	\$339,821	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$339,821
40	CTR 0120	3G444	SFO	Main Cable Wrap Investigations Phase 1	Support	\$1,523,000											\$1,523,000
		REHAB			Capital	\$8,000,000											\$8,000,000
		6825			Total	\$9,523,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,523,000
41	CTR 0121	3G477	SFO	Traveler Replacements and Rail Upgrades	Support	\$380,000											\$380,000
		REHAB			Capital	\$0											\$0
		6825			Total	\$380,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$380,000
42	CTR 0126	3G448	SFO	W1 to W7 Concrete Column Repair and Seal	Support	\$0	\$300,000	\$300,000	\$3,000,000								\$3,600,000
		REHAB			Capital	\$0	\$2,000,000	\$2,000,000									\$2,000,000
		6825			Total	\$0	\$300,000	\$2,300,000	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,600,000
43	CTR 0129	3G457	SFO	SFOBB - Replace Joint Seals (Upper & Lower Deck);	Support	\$3,505,000	-\$99,496										\$3,405,504
		REHAB		RSR - Replace Joint Seals (Upper Deck)	Capital	\$5,368,882											\$5,368,882
		6825		and Resurfacing***	Total	\$8,873,882	-\$99,496	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,774,386
44	CTR 0134	4H970	SFO	Gateway Park Oversight	Support	\$1,910,000											\$1,910,000
		REHAB		and Link (4H971) PAED	Capital	\$0											\$0
		6825			Total	\$1,910,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,910,000
45	CTR 0147	01408	SFO	SFOBB Maintenance Complex	Support	\$2,864,000	\$51,337										\$2,915,337
		REHAB		Maintenance Complex	Capital	\$41,674,000	-\$86,662										\$41,587,338
		6825			Total	\$44,538,000	-\$35,325	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44,502,675
46	CTR 0148	01410	SFO	SFOBB Maintenance Complex	Support	\$0											\$0
		REHAB		Maintenance Warehouse	Capital	\$17,900,000											\$17,900,000
		6825		Phase 2	Total	\$17,900,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,900,000
47	CTR 0151	3G443	SFO	Replace Grating Shields and Access Ladders***	Support	\$1,715,469											\$1,715,469
		REHAB			Capital	\$1,473,044											\$1,473,044
		6825			Total	\$3,188,512	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,188,512
48	CTR 0152	0120M	SFO	Toll Plaza Repaving	Support	\$825,782											\$825,782
		REHAB			Capital	\$7,462,218											\$7,462,218
		6825			Total	\$8,288,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,288,000
49	CTR 0153	1G310	SFO	Toll Plaza Repaving***	Support	\$0											\$0
		REHAB			Capital	\$1,602,286											\$1,602,286
		6825			Total	\$1,602,286	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,602,286
50	CTR 0154	3G440	SFO	Various Structural PIDS***	Support	\$159,900											\$159,900
		REHAB			Capital	\$0											\$0
		6825			Total	\$159,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$159,900
51	CTR 0155	3G450	VAR	Bridge Joint Seals***	Support	\$57,611											\$57,611
		REHAB			Capital	\$0											\$0
		6828			Total	\$57,611	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$57,611
52	CTR 0156	3G390	VAR	Bridge Lighting***	Support	\$99,415											\$99,415
		REHAB			Capital	\$0											\$0
		6828			Total	\$99,415	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$99,415

Line No.	Project No.	EA	Bridge	Description Status													Total
		Program	CCA			Thru 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
53	CTR 0157	3G400	VAR	Bridge Overlays***	Support	\$134,556											\$134,556
		REHAB			Capital	\$0											\$0
		6828			Total	\$134,556	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$134,556
54	CTR 0158	0120F	SFO	East Span Base	Support	\$0											\$0
		REHAB			Capital	\$1,965,000											\$1,965,000
		6825			Total	\$1,965,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,965,000
55	CTR 0159	2J870	SFO	West Span BASE	Support	\$588,000											\$588,000
		REHAB			Capital	\$9,500,000											\$9,500,000
		6825			Total	\$10,088,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,088,000
56	CTR 0160	4H180	SFO	Refill Seismic Dampeners***	Support	\$22,052											\$22,052
		REHAB			Capital	\$252,546											\$252,546
		6825			Total	\$274,597	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$274,597
57	CTR 0163	3G447	SFO	Rebuild Damaged Fender System ***	Support	\$238,798											\$238,798
		REHAB		W6	Capital	\$772,842											\$772,842
		6825			Total	\$1,011,640	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,011,640
58	CTR 0182	3G478	Var	PID - Water Line System	Support	\$193,307											\$193,307
		REHAB		Air Compressor, Airlines	Capital	\$0											\$0
		6828			Total	\$193,307	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$193,307
59	CTR 0201	0J120	RSR	Replace Expansion Joint at Pier 44E***	Support	\$68,600											\$68,600
		REHAB			Capital	\$270,000											\$270,000
		6814			Total	\$338,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$338,600
60	CTR 0202	0J870	SFO	Install Air Gap Monitoring System***	Support	\$95,994											\$95,994
		REHAB			Capital	\$128,755											\$128,755
		6825			Total	\$224,749	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$224,749
61	CTR 0203	3G360	Var.	Replace Various Navigational and Utility Equipment	Support	\$127,649											\$127,649
		REHAB		Supplemental PID***	Capital	\$0											\$0
		6828			Total	\$127,649	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$127,649
62	CTR 0204	3G301	Var.	Replace Fog Horns, Radar Beacons and	Support	\$1,556,394	\$700,000	\$700,000	\$700,000	\$300,000							\$3,956,394
		REHAB		Related Electrical Systems on Northern Bridges	Capital	\$0	\$6,000,000										\$6,000,000
		6828			Total	\$1,556,394	\$6,700,000	\$700,000	\$700,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$9,956,394
63	CTR 0206	2J680	RSR	RSR Access – PPUL Oversight	Support	\$3,418,000											\$3,418,000
		REHAB			Capital	\$0											\$0
		6814			Total	\$3,418,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,418,000
64	CTR 0212	3G368	Var	Substation and Power Cable	Support	\$250,000											\$250,000
		REHAB			Capital	\$0											\$0
		6828			Total	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
65	CTR 0213	01412	SFO	CT Oversight of Bridge Yard	Support	\$276,198											\$276,198
		REHAB		(IERBYS Building Slab) ***	Capital	\$0											\$0
		6825			Total	\$276,198	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$276,198
66	CTR 0214	01413	SFO	CT Oversight of Bridge Yard	Support	\$476,178											\$476,178
		REHAB		(IERBYS Building Retrofit)***	Capital	\$0											\$0
		6825			Total	\$476,178	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$476,178
67	CTR 0215	2J190	SFO	Replace transverse expansion joints ***	Support	\$1,309,010											\$1,309,010
		REHAB		West Span	Capital	\$1,944,698											\$1,944,698
		6825			Total	\$3,253,708	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,253,708
68	CTR 0216	2J410	CARQ	Al Zampa (CARQ) Joint Repair ***	Support	\$146,672											\$146,672
		REHAB			Capital	\$183,592											\$183,592
		6813			Total	\$330,265	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$330,265
69	CTR 0217	2J400	SFO	1-880 Overhead Signage and Delineation Upgrade	Support	\$46,649											\$46,649
		REHAB		Oversight***	Capital	\$0											\$0
		6825			Total	\$46,649	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$46,649
70	CTR 0219	0K220	SFO	Metering Lights Upgrade Oversight	Support	\$366,000	\$134,000										\$500,000
		REHAB			Capital	\$0											\$0
		6825			Total	\$366,000	\$134,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
71	CTR 0222	TBD	SFO	SFOBB Maintenance Administration	Support	\$0											\$0
		REHAB			Capital	\$1,000,000											\$1,000,000
		6825			Total	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000

Line No.	Project No.	EA	Bridge	Description													Total
		Program	CCA	Status		Thru 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
72	CTR 0225	4J710	RSR	RSR Access - Bike Ped Oversight	Support	\$937,000											\$937,000
		REHAB 6814			Capital	\$0											\$0
					Total	\$937,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$937,000
73	CTR 0226	1K450	SFO	Roof Repairs at Sterling Substation	Support	\$72,000											\$72,000
		REHAB 8033		Minor Rehab***	Capital	\$119,999											\$119,999
					Total	\$191,999	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$191,999
74	CTR 0227	1K470	SMH	Roof Repairs at toll admin building (Toll Plaza)	Support	\$60,000											\$60,000
		REHAB 8033		Minor Rehab***	Capital	\$99,550											\$99,550
					Total	\$159,550	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$159,550
75	CTR 0228	1K460	BM	Bird abatement at Benicia Toll Plaza	Support	\$150,000											\$150,000
		REHAB 8033		Minor Rehab***	Capital	\$249,950											\$249,950
					Total	\$399,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$399,950
76	CTR 0229	0K691	SFO	Install Grease Caps and Repair Pre-stress Tendons	Support	\$1,200,000											\$1,200,000
		REHAB 6825		East Span- Director's Order	Capital	\$3,460,000											\$3,460,000
					Total	\$4,660,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,660,000
77	CTR 0230	3G482	BM	Repair Seismic Joint - Pier 3	Support	\$148,912											\$148,912
		REHAB 6812		Director's Order	Capital	\$250,846											\$250,846
					Total	\$399,758	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$399,758
78	CTR 0231	TBD	RSR	Replace Aircraft Beacon, Fog Horns, Radar Beacons	Support	\$0	\$0	\$1,000,000	\$1,400,000								\$2,400,000
		REHAB 6814		and Related Electrical Systems and connect with SCADA	Capital	\$0	\$0	\$7,000,000									\$7,000,000
					Total	\$0	\$0	\$8,000,000	\$1,400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,400,000
79	CTR 0232	2K960	SFO	YBI Tunnel Concrete Repair	Support	\$695,000											\$695,000
		REHAB 6825			Capital	\$1,580,000											\$1,580,000
					Total	\$2,275,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,275,000
80	CTR 0233	3G445	SFO	Fender Repair	Support	\$1,280,000											\$1,280,000
		REHAB 6825		Director's Order	Capital	\$4,700,000											\$4,700,000
					Total	\$5,980,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,980,000
81	CTR 0234	2K560	SFO	Repair SFOBB Seismic Dampers	Support	\$185,712											\$185,712
		REHAB 6825		Director's Order***	Capital	\$291,000	-\$11,737										\$279,263
					Total	\$476,712	-\$11,737	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$464,976
82	CTR 0240	TBD	CARQ	Replace Radar Beacons and Related Electrical Systems	Support	\$0		\$800,000							\$150,000		\$950,000
		REHAB 6813		and connect with SCADA	Capital	\$0		\$2,500,000									\$2,500,000
					Total	\$0	\$0	\$3,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$0	\$3,450,000
83	CTR 0243	TBD	SFO	Replace Fender System and Skirt Modifications	Support	\$0	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000							\$8,000,000
		REHAB 6825			Capital	\$0			\$40,000,000	\$20,000,000							\$60,000,000
					Total	\$0	\$2,000,000	\$2,000,000	\$42,000,000	\$22,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$68,000,000
84	CTR 0244	TBD	RSR	TBD Work on RSR lower deck, towers, columns, travelers	Support	\$0											\$0
		REHAB 6814			Capital	\$0	\$11,200,000			\$31,663,000							\$42,863,000
					Total	\$0	\$11,200,000	\$0	\$0	\$31,663,000	\$0	\$0	\$0	\$0	\$0	\$0	\$42,863,000
85	CTR 0245	0P560	Var.	Install BASE radio links	Support	\$300,000											\$300,000
		REHAB 6828		Director's Order	Capital	\$750,000											\$750,000
					Total	\$1,050,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,050,000
86	CTR 0246	0Q470	SFO	East Span Skyway Polyester Concrete Overlay Repairs	Support	\$90,000											\$90,000
		REHAB 6825		Director's Order	Capital	\$200,000											\$200,000
					Total	\$290,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$290,000
87	CTR 0247	1Q490	SFO	East Span Replace Expansion Joint Panels	Support	\$86,000											\$86,000
		REHAB 6825		Director's Order	Capital	\$314,000											\$314,000
					Total	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
88	CTR 0248	1Q500	BM	Repair Water Line	Support	\$120,000											\$120,000
		REHAB 6812		Director's Order	Capital	\$314,000											\$314,000
					Total	\$434,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$434,000
89	CTR 0249	1Q360	SFO	SFOBB Replace Seismic Joint Headers and Strip Seals (West Approach & Anchorage)	Support	\$200,000											\$200,000
		REHAB 6825		Director's Order	Capital	\$560,000											\$560,000
					Total	\$760,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$760,000
90	CTR 0250	1Q050	SFO	SFOBB YBI tunnel Repair Fire Suppression System	Support	\$251,000											\$251,000
		REHAB 6825		Director's Order	Capital	\$314,000											\$314,000
					Total	\$565,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$565,000

Line No.	Project No.	EA	Bridge	Description													Total
		Program	CCA			Thru 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
91	CTR 0251	2Q910	Var	High Mast Arm Light (HMAL) repair and conversion to LED	Support	\$100,000											\$100,000
		REHAB			Capital	\$1,925,000											\$1,925,000
		8033			Total	\$2,025,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,025,000
92	CTR 0252	0P680	CAR	Toll Plaza Asphalt Paving and Polyester Overlay	Support	\$0											\$0
		REHAB			Capital	\$908,118	\$0										\$908,118
		8033			Total	\$908,118	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$908,118
93	CTR 0253	2Q930	SMH	Toll Admin bldg.: Remove underground diesel storage tank (UST)	Support	\$12,500											\$12,500
		REHAB			Capital	\$250,000											\$250,000
		8033			Total	\$262,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$262,500
94	CTR 0254	2Q920	SMH	Toll Paint Facility and Plaza – Replace Metals Doors And Other Upgr	Support	\$0											\$0
		REHAB			Capital	\$450,000											\$450,000
		8033			Total	\$450,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000
95	CTR 0256	TBD	ANT	Replace and upgrade Radar Beacons, Navigational Lights	Support	\$0						\$200,000	\$250,000				\$450,000
		REHAB			Capital	\$0							\$400,000				\$400,000
		6811			Total	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$650,000	\$0	\$0	\$0	\$850,000
96	CTR 0258	TBD	ANT	Replace Fender System	Support	\$0	\$70,000	\$230,000	\$300,000	\$100,000							\$700,000
		REHAB			Capital	\$0			\$2,000,000								\$2,000,000
		6811			Total	\$0	\$70,000	\$230,000	\$2,300,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,700,000
97	CTR 0259	TBD	CAR	Seismic Transmission Unit (STU) Replacement	Support	\$0									\$300,000	\$300,000	\$600,000
		REHAB			Capital	\$0										\$600,000	\$600,000
		6813			Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$900,000	\$1,200,000
98	CTR 0260	TBD	DUM	Steel Crack Mitigation	Support	\$0			\$250,000	\$250,000							\$500,000
		REHAB			Capital	\$0			\$700,000								\$700,000
		6827			Total	\$0	\$0	\$0	\$250,000	\$950,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,200,000
99	CTR 0261	TBD	SMH	Structural Steel Painting (Towers)	Support	\$0											\$0
		REHAB			Capital	\$8,950,000											\$8,950,000
		6826			Total	\$8,950,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,950,000
100	CTR 0262	2Q980	BM	Repair Expansion Joint Assemblies	Support	\$500,000											\$500,000
		REHAB			Capital	\$1,950,000											\$1,950,000
		6812			Total	\$2,450,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,450,000
101	CTR 0263	3G454	Var.	Concrete Repairs on SMHB Spandrel beam and bent caps	Support	\$700,000	\$1,764,000										\$2,464,000
		REHAB			Capital	\$0	\$11,325,000										\$11,325,000
		6828			Total	\$700,000	\$13,089,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,789,000
102	CTR 0264	01358	SFO	SFOBB East Span Pier Retention-CMGC	Support	\$0											\$0
		REHAB			Capital	\$3,050,000											\$3,050,000
		6825			Total	\$3,050,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,050,000
103	CTR 0265	2Q360	SFO	SFOBB WS Remove Truss Web Scaffolds	Support	\$220,000											\$220,000
		REHAB			Capital	\$550,000											\$550,000
		6825			Total	\$770,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$770,000
104	CTR 0266	01411	SFO	Construct Maintenance Building and Parking Lot (MC3-Training Center)	Support	\$0											\$0
		REHAB			Capital	\$9,300,000											\$9,300,000
		6825			Total	\$9,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,300,000
105	CTR 0267	3Q940	RSR	Reconstruct sliding plate joints upper deck - 31 joints	Support	\$2,600,000											\$2,600,000
		REHAB			Capital	\$8,370,000											\$8,370,000
		6814			Total	\$10,970,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,970,000
106	CTR 0268	4Q340	RSR	Richmond-San Rafael Bridge Truss Straightening	Support	\$300,000											\$300,000
		REHAB		Repair vehicle collision damage Director's Order	Capital	\$900,000											\$900,000
		6814			Total	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,200,000
107	CTR 0271	TBD	SFO	Structural Steel Paint System, Truss Web North and South, spans 1-6	Support	\$0				\$4,000,000	\$4,000,000	\$5,000,000	\$5,000,000				\$18,000,000
		REHAB			Capital	\$0				\$0	\$45,000,000	\$0	\$0				\$45,000,000
		6825			Total	\$0	\$0	\$0	\$0	\$4,000,000	\$49,000,000	\$5,000,000	\$5,000,000	\$0	\$0	\$0	\$63,000,000
108	CTR 0272	TBD	BM	Replace 480V power cable, utility transformers and utility panels (Old Bridge)	Support	\$0	\$400,000	\$200,000					\$400,000	\$100,000			\$1,100,000
		REHAB			Capital	\$0		\$3,000,000					\$2,000,000	\$0			\$5,000,000
		6812			Total	\$0	\$400,000	\$3,200,000	\$0	\$0	\$0	\$0	\$2,400,000	\$100,000	\$0	\$0	\$6,100,000
109	CTR 0273	TBD	BM	Repair 12KV Transfer Scheme and connect it with SCADA for remote control and monitoring	Support	\$0	\$200,000	\$0									\$200,000
		REHAB			Capital	\$0		\$800,000									\$800,000
		6812			Total	\$0	\$200,000	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000

Line No.	Project No.	EA	Bridge	Description													Total	
		Program	CCA			Status	Thru 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		2029
110	CTR 0274	TBD	SFO	Replace Generators	Support	\$0		\$200,000							\$100,000			\$300,000
		REHAB			Capital	\$0		\$2,500,000						\$0			\$2,500,000	
		6825			Total	\$0	\$0	\$2,700,000	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$2,800,000	
111	CTR 0275	TBD	SFO	Replace Comm. Cable (SCADA 50 Pair Cable) West Span	Support	\$0		\$200,000			\$100,000						\$300,000	
		REHAB			Capital	\$0		\$1,000,000			\$0						\$1,000,000	
		6825			Total	\$0	\$0	\$1,200,000	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$1,300,000	
112	CTR 0276	TBD	SFO	Replace Utility Stations and Armored Cable on West Span	Support	\$0		\$100,000	\$700,000								\$800,000	
		REHAB			Capital	\$0		\$0	\$3,000,000								\$3,000,000	
		6825			Total	\$0	\$0	\$100,000	\$3,700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,800,000	
113	CTR 0277	TBD	DUM	Air Compressor, Pier 44- Replace	Support	\$0	\$100,000										\$100,000	
		REHAB			Capital	\$0	\$240,000										\$240,000	
		6827			Total	\$0	\$340,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$340,000	
114	CTR 0278	TBD	SMH	Replace Generators	Support	\$0	\$300,000	\$200,000									\$500,000	
		REHAB			Capital	\$0	\$0	\$2,000,000									\$2,000,000	
		6826			Total	\$0	\$300,000	\$2,200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000	
115	CTR 0279	TBD	VAR	Replace Generators for Dum and RSR	Support	\$0	\$300,000	\$0									\$300,000	
		REHAB			Capital	\$0	\$700,000	\$0									\$700,000	
		8629			Total	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	
116	CTR 0280	TBD	DUM	Substations Upgrade	Support	\$0			\$400,000	\$400,000				\$100,000	\$400,000		\$1,300,000	
		REHAB			Capital	\$0			\$3,000,000	\$0			\$0	\$2,500,000		\$5,500,000		
		6827			Total	\$0	\$0	\$0	\$3,400,000	\$400,000	\$0	\$0	\$0	\$100,000	\$2,900,000	\$0	\$6,800,000	
117	CTR 0281	TBD	SMH	Replace Power Cable (480V)	Support	\$0		\$400,000	\$500,000	\$300,000							\$1,200,000	
		REHAB			Capital	\$0		\$0	\$3,500,000	\$0							\$3,500,000	
		6826			Total	\$0	\$0	\$400,000	\$4,000,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$4,700,000	
118	CTR 0282	TBD	VAR	Existing Water Line System, Air compressor and Air lines	Support	\$0		\$400,000	\$700,000	\$600,000	\$400,000						\$2,100,000	
		REHAB		North Bridges	Capital	\$0		\$0	\$0	\$5,800,000	\$0						\$5,800,000	
		6828			Total	\$0	\$0	\$400,000	\$700,000	\$6,400,000	\$400,000	\$0	\$0	\$0	\$0	\$0	\$7,900,000	
119	CTR 0283	TBD	VAR	Existing Water Line System, Air compressor and Airlines	Support	\$0		\$1,000,000	\$1,000,000	\$1,700,000							\$3,700,000	
		REHAB		South Bridges	Capital	\$0		\$10,000,000		\$0							\$10,000,000	
		6828			Total	\$0	\$0	\$11,000,000	\$1,000,000	\$1,700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$13,700,000	
120	CTR 0284	TBD	VAR	Replace Exsiting Conduit and Cable with Armored Cables	Support	\$0				\$1,000,000	\$700,000						\$1,700,000	
		REHAB		(ANT, BM, CARQ, DUM, RSR & SMH)	Capital	\$0				\$0	\$4,500,000						\$4,500,000	
		6828			Total	\$0	\$0	\$0	\$0	\$1,000,000	\$5,200,000	\$0	\$0	\$0	\$0	\$0	\$6,200,000	
121	CTR 0285	TBD	CARQ	Overlay (Al Zampa)	Support	\$0					\$350,000	\$400,000	\$300,000				\$1,050,000	
		REHAB			Capital	\$0					\$0	\$4,000,000	\$0				\$4,000,000	
		6813			Total	\$0	\$0	\$0	\$0	\$0	\$350,000	\$4,400,000	\$300,000	\$0	\$0	\$0	\$5,050,000	
122	CTR 0286	TBD	SFO	SFOBB - Replace Joint Seals (Upper & Lower Deck)	Support	\$0				\$500,000	\$1,100,000	\$500,000					\$2,100,000	
		REHAB			Capital	\$0				\$0	\$6,000,000	\$0					\$6,000,000	
		6825			Total	\$0	\$0	\$0	\$0	\$500,000	\$7,100,000	\$500,000	\$0	\$0	\$0	\$0	\$8,100,000	
123	CTR 0287	TBD	RSR	Replace Joint Seals	Support	\$0								\$300,000	\$300,000	\$100,000	\$700,000	
		REHAB			Capital	\$0								\$0	\$2,100,000	\$0	\$2,100,000	
		6814			Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$2,400,000	\$100,000	\$2,800,000	
124	CTR 0288	TBD	SFO	Air Compressors at YBI Substation	Support	\$0	\$320,000										\$320,000	
		REHAB			Capital	\$0	\$800,000										\$800,000	
		6825			Total	\$0	\$1,120,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,120,000	
125	CTR 0289	TBD	SMH	Air Compressors at Bridge and Pier 1- Replace	Support	\$0	\$200,000										\$200,000	
		REHAB			Capital	\$0	\$500,000										\$500,000	
		6826			Total	\$0	\$700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$700,000	
126	CTR 0060	91207	Var.	Caltrans Capital Coordination	Support	\$8,068,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$18,068,000	
		REHAB			Capital	\$0											\$0	
		6828			Total	\$8,068,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$18,068,000	
127	CTR 0061	93030	ALL	Toll Bridge Inspections	Support	\$27,200,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$57,200,000	
		REHAB			Capital	\$0											\$0	
		6828			Total	\$27,200,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$57,200,000	
128	CTR 0062	93870	ALL	Base Security	Support	\$13,900,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$30,900,000	
		REHAB			Capital	\$0											\$0	
		6828			Total	\$13,900,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$30,900,000	

Line No.	Project No.	EA	Bridge	Description													Total
		Program	CCA	Status		Thru 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
129	CTR 0235	92685	Var.	Structural Steel Paint by State Forces	Support	\$13,700,000	\$8,500,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$112,200,000
		REHAB			Capital	\$0											\$0
		6828			Total	\$13,700,000	\$8,500,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$112,200,000
130	CTR 0069	97708	Var.	Caltrans ETC Traffic Operations Support	Support	\$6,950,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$10,950,000
		REHAB			Capital	\$0											\$0
		6828			Total	\$6,950,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$10,950,000
131	CTR 0269	TBD	Var.	Bridge Facilities Capital Rehab by State forces	Support	\$0	\$400,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$3,100,000
		REHAB			Capital	\$0	\$1,300,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$7,600,000
		6828			Total	\$0	\$1,700,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$10,700,000
132	CTR 0270	TBD	Var.	Load Rating	Support	\$0	\$400,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$4,400,000
		REHAB			Capital	\$0	\$1,200,000										\$1,200,000
		6828			Total	\$0	\$1,600,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$5,600,000
133	CTR Res	CTR Res	Var.	Caltrans Program Contingency	Support	\$28,000											\$28,000
		REHAB			Capital	\$0	\$6,000,000										\$6,000,000
		6829			Total	\$28,000	\$6,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,028,000
134	880/92	2G361	880/92	Landscaping**	Support	\$1,160,000											\$1,160,000
		RM1			Capital	\$1,800,000											\$1,800,000
		8615			Total	\$2,960,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,960,000
135	880/92	2G362	880/92	Landscaping**	Support	\$836,000											\$836,000
		RM1			Capital	\$0											\$0
		8615			Total	\$836,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$836,000
136	BM	0060A	BM	Modification to 1962 Bridge**	Support	\$6,211											\$6,211
		RM1		***	Capital	\$0											\$0
		8210			Total	\$6,211	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,211
137	BM	0060C	BM	Replacement Planting**	Support	\$584,000											\$584,000
		RM1		***	Capital	\$1,125,000											\$1,125,000
		8210			Total	\$1,709,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,709,000
138	CAR	0130J	CAR	Site Mitigation 3**	Support	\$150,000											\$150,000
		RM1		***	Capital	\$0											\$0
		8315			Total	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
139	CAR	0130K	CAR	Misc Landscaping**	Support	\$4,177											\$4,177
		RM1		***	Capital	\$0											\$0
		8315			Total	\$4,177	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,177
140	880/92	01601	880/92	880/92 Interchange**	Support	\$344,000											\$344,000
		RM1		***	Capital	\$2,500,000											\$2,500,000
		8615			Total	\$2,844,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,844,000
141	SMH	27790	SMH	Bay Trail Improvement**	Support	\$0											\$0
		RM1		***	Capital	\$115,000	-\$115,000										\$0
		8637			Total	\$115,000	-\$115,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
142	BR 0001	8531	BATA	Benicia ORT***	Support	\$0											\$0
		REHAB			Capital	\$4,153,000											\$4,153,000
					Total	\$4,153,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,153,000
143	BR 0002	8539	BATA	SFOBB Eyebare Review***	Support	\$2,914,000											\$2,914,000
		REHAB			Capital	\$0											\$0
					Total	\$2,914,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,914,000
144	BR 0003	8594	BATA	SFOBB West Span Pathway Planning	Support	\$1,750,000											\$1,750,000
		REHAB			Capital	\$10,550,000											\$10,550,000
					Total	\$12,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,300,000
145	BR 0004	8909	BATA	Gateway Park	Support	\$1,273,000											\$1,273,000
		REHAB			Capital	\$26,701,863											\$26,701,863
					Total	\$27,974,863	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$27,974,863
146	BR 0005	8913	BATA	SFOBB Administration Building***	Support	\$5,000,000											\$5,000,000
		REHAB			Capital	\$20,619,200	-\$300,000										\$20,319,200
					Total	\$25,619,200	-\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,319,200
147	BR 0006	8918	BATA	SFOBB Maintenance Complex	Support	\$0											\$0
		REHAB			Capital	\$531,000											\$531,000
					Total	\$531,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$531,000

Line No.	Project No.	EA	Bridge	Description													Total
		Program	CCA	Status		Thru 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
148	BR 0008	8921	BATA	SFOBB FasTrak Lane Conversion***	Support	\$0											\$0
		REHAB			Capital	\$3,575,000	-\$1,800,000										\$1,775,000
					Total	\$3,575,000	-\$1,800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,775,000
149	BR 0009	8922	BATA	Metering Lights Upgrade	Support	\$0	\$500,000	\$500,000									\$1,000,000
		REHAB			Capital	\$9,680,000	\$1,000,000										\$10,680,000
					Total	\$9,680,000	\$1,500,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,680,000
150	BR 0010	8920	BATA	SFO Plaza and Canopy Improvements***	Support	\$3,991,000											\$3,991,000
		REHAB			Capital	\$5,272,000											\$5,272,000
					Total	\$9,263,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,263,000
151	BR 0011	8923	BATA	Bridge Documentation	Support	\$0											\$0
		REHAB			Capital	\$500,000											\$500,000
					Total	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
152	BR 0013	8602	BATA	Hybrid/etc Lane Modifications***	Support	\$0											\$0
		REHAB			Capital	\$874,000											\$874,000
					Total	\$874,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$874,000
153	BR 0014	8907	BATA	Toll Plaza Maintenance Agreement	Support	\$350,000	\$75,000		\$150,000	\$200,000							\$775,000
		REHAB			Capital	\$26,098,000	\$2,310,000	\$4,010,000	\$5,185,000	\$3,860,000	\$3,510,000	\$3,810,000	\$3,710,000	\$3,610,000	\$6,030,000	\$3,500,000	\$65,633,000
					Total	\$26,448,000	\$2,385,000	\$4,010,000	\$5,335,000	\$4,060,000	\$3,510,000	\$3,810,000	\$3,710,000	\$3,610,000	\$6,030,000	\$3,500,000	\$66,408,000
154	BR 0016	8631	BATA	Callboxes***	Support	\$0											\$0
		REHAB			Capital	\$2,344,000											\$2,344,000
					Total	\$2,344,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,344,000
155	BR 0017	8900	BATA	2003 CSC Procurement	Support	\$1,679,000											\$1,679,000
		REHAB			Capital	\$10,679,000											\$10,679,000
					Total	\$12,358,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,358,000
156	BR 0018	8901	BATA	Ongoing Toll Tag Procurement	Support	\$0											\$0
		REHAB			Capital	\$88,999,532	\$10,500,000	\$8,800,000	\$9,600,000	\$10,500,000	\$11,500,000	\$12,600,000	\$13,900,000	\$15,200,000	\$16,500,000	\$18,000,000	\$216,099,532
					Total	\$88,999,532	\$10,500,000	\$8,800,000	\$9,600,000	\$10,500,000	\$11,500,000	\$12,600,000	\$13,900,000	\$15,200,000	\$16,500,000	\$18,000,000	\$216,099,532
157	BR 0019	8902	BATA	2012 CSC Procurement	Support	\$0											\$0
		REHAB			Capital	\$20,750,000	\$2,700,000	\$600,000	\$600,000								\$24,650,000
					Total	\$20,750,000	\$2,700,000	\$600,000	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,650,000
158	BR 0020	8903	BATA	Future Lane/Host Upgrades and Replacement (ATCAS)	Support	\$0											\$0
		REHAB			Capital	\$33,545,000			\$4,145,000	\$6,000,000							\$43,690,000
					Total	\$33,545,000	\$0	\$0	\$4,145,000	\$6,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$43,690,000
159	BR 0021	8904	BATA	FasTrak Sign and Sign Structure Improvements (Strategic Plan)	Support	\$1,000,000											\$1,000,000
		REHAB			Capital	\$28,510,130											\$28,510,130
					Total	\$29,510,130	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,510,130
160	BR 0022	8905	BATA	Misc Bridge Improvements	Support	\$400,000											\$400,000
		REHAB			Capital	\$23,314,000											\$23,314,000
					Total	\$23,714,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,714,000
161	BR 0023	8908	BATA	BATA Technology Infrastructure (HW, SW, NETWORK)	Support	\$0											\$0
		REHAB			Capital	\$4,035,000	\$800,000										\$4,835,000
					Total	\$4,035,000	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,835,000
162	BR 0025	8912	BATA	Tag Inventory Conversion (Upgrade Technology)***	Support	\$200,000											\$200,000
		REHAB			Capital	\$1,736,500											\$1,736,500
					Total	\$1,936,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,936,500
163	BR 0026	8914	BATA	Violation Enforcement System***	Support	\$0											\$0
		REHAB			Capital	\$7,842,000											\$7,842,000
					Total	\$7,842,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,842,000
164	BR 0027	8916	BATA	Bay Crossing Study***	Support	\$540,000											\$540,000
		REHAB			Capital	\$0											\$0
					Total	\$540,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$540,000
165	BR 0028	8917	BATA	BATA Technology Security and Bridge Corridor Communications Infrastructure (Dumbarton, SMH, SFOBB)	Support	\$0					\$200,000	\$200,000	\$200,000	\$300,000	\$300,000	\$300,000	\$1,500,000
		REHAB			Capital	\$750,000	\$550,000	\$500,000		\$2,000,000	\$2,000,000						\$5,800,000
					Total	\$750,000	\$550,000	\$500,000	\$0	\$2,000,000	\$2,200,000	\$200,000	\$200,000	\$300,000	\$300,000	\$300,000	\$7,300,000
166	BR 0029	8926	BATA	Bridge Modeling and Investigations	Support	\$2,000,000											\$2,000,000
		REHAB			Capital	\$3,801,198											\$3,801,198
					Total	\$5,801,198	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,801,198

Line No.	Project No.	EA	Bridge	Description													
		Program	CCA			Status	Thru 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
167	BR 0030	8000-16	BATA	Program Monitoring	Support	\$0											\$0
		REHAB			Capital	\$46,444,709		\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$49,144,709
					Total	\$46,444,709	\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$49,144,709
168	BR 0031	8000-05	BATA	Capital Program Audits	Support	\$0											\$0
		REHAB			Capital	\$8,300,000		\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$12,800,000
					Total	\$8,300,000	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$12,800,000
169	BR 0034	8924	BATA	Antioch Bridge	Support	\$0											\$0
		REHAB		CCTA 160/4 Interchange	Capital	\$50,000,000											\$50,000,000
					Total	\$50,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000,000
170	BR 0035	8930	BATA	Richmond-San Rafael Bridge	Support	\$1,494,000											\$1,494,000
		REHAB		I-580 Access Improvements	Capital	\$80,434,000	\$2,800,000										\$83,234,000
					Total	\$81,928,000	\$2,800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$84,728,000
171	BR 0038	8937	BATA	2020 CSC Procurement	Support	\$0											\$0
		REHAB			Capital	\$4,000,000	\$30,000,000			\$600,000	\$600,000	\$650,000	\$650,000	\$700,000	\$700,000	\$700,000	\$38,600,000
					Total	\$4,000,000	\$30,000,000	\$0	\$0	\$600,000	\$600,000	\$650,000	\$650,000	\$700,000	\$700,000	\$700,000	\$38,600,000
172	BR 0039	8933	BATA	Plan Bay Area TMS	Support	\$0											\$0
		REHAB			Capital	\$9,000,000											\$9,000,000
					Total	\$9,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,000,000
173	BR 0040	8012	BATA	All Electronic Tolling	Support	\$0											\$0
		REHAB			Capital	\$1,263,000	\$4,700,000	\$12,200,000	\$1,900,000	\$13,500,000	\$5,200,000						\$38,763,000
					Total	\$1,263,000	\$4,700,000	\$12,200,000	\$1,900,000	\$13,500,000	\$5,200,000	\$0	\$0	\$0	\$0	\$0	\$38,763,000
174	BR 0043	8936	BATA	Backhaul Connection Infrastructure	Support	\$0											\$0
		REHAB			Capital	\$1,000,000											\$1,000,000
					Total	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
175	BR 0044	8540	BATA	Regional Transportation Sea Level Rise Asset	Support	\$0											\$0
		REHAB			Capital	\$2,000,000											\$2,000,000
					Total	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000
176	BR 0045	8530	BATA	Drainage studies for the Bridges	Support	\$0											\$0
		REHAB			Capital	\$500,000											\$500,000
					Total	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
177	BR 0046	8528	BATA	Bay Lights Maintenance	Support	\$0											\$0
		REHAB			Capital	\$640,000	\$160,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$3,140,000
					Total	\$640,000	\$160,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$3,140,000
178	BR 0047	8938	BATA	Misc East Span Project Improvements	Support	\$0											\$0
		REHAB			Capital	\$12,083,854											\$12,083,854
					Total	\$12,083,854	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,083,854
179	BR 0048	8939	BATA	Asset Management	Support	\$0											\$0
		REHAB			Capital	\$3,700,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$13,700,000
					Total	\$3,700,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$13,700,000
180	BR 0049	8941	BATA	CHP - COZEPP/MAZEPP	Support	\$200,000											\$200,000
		REHAB			Capital	\$0	\$100,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,900,000
					Total	\$200,000	\$100,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$2,100,000
181	BR 0050	8940	BATA	HOV Lane Enforcement	Support	\$1,300,000	\$1,300,000	\$1,300,000									\$3,900,000
		REHAB		Vehicle Occupancy	Capital	\$0	\$4,000,000										\$4,000,000
					Total	\$1,300,000	\$5,300,000	\$1,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,900,000
182	BR 0051	8942	BATA	Bridge Yard Capital Improvements	Support	\$0											\$0
		REHAB			Capital	\$500,000					\$500,000	\$500,000				\$700,000	\$2,200,000
					Total	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$0	\$0	\$0	\$700,000	\$2,200,000
183	BR 0052	8943	BATA	Link: Bike/Ped Access to East Span of SFOBB	Support	\$0											\$0
		REHAB			Capital	\$200,000	\$1,000,000	\$3,000,000									\$4,200,000
					Total	\$200,000	\$1,000,000	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,200,000
184	BR 0053	8944	BATA	Dumbarton Bridge Operational Improvement	Support	\$0											\$0
		REHAB			Capital	\$3,000,000	\$14,000,000										\$17,000,000
					Total	\$3,000,000	\$14,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,000,000
185	BR 0054	8945	BATA	Next Gen Clipper (C2) System	Support	\$0											\$0
		REHAB			Capital	\$9,600,000											\$9,600,000
					Total	\$9,600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,600,000
186	BR 0055	TBD	BATA	I-680/I-80/SR-12 Interchange Package 2A	Support	\$0											\$0
		REHAB			Capital	\$0	\$7,200,000										\$7,200,000
					Total	\$0	\$7,200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,200,000

Line No.	Project No.	EA	Bridge	Description												Total	
		Program	CCA	Status		Thru 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		2029
187	BR 0056	TBD	BATA	SR-37 Evaluation	Support	\$0											\$0
		REHAB			Capital	\$0	\$8,000,000	\$8,000,000	\$4,000,000								\$20,000,000
					Total	\$0	\$8,000,000	\$8,000,000	\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000,000
188	BR Res	8928	Var.	BATA Program Contingency	Support	\$0											\$0
		REHAB		RM1 Closeout	Capital	\$16,565,494	\$8,434,506										\$25,000,000
					Total	\$16,565,494	\$8,434,506	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,565,494

*Caltrans Capital includes capital outlay construction and right-of-way.
 **Previous expenses covered in RM1 Program.
 *** Project closed to expenditures June 30, 2019 or earlier.

			Thru 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Toll Bridge Rehabilitation Program Summary	Support		\$260,043,155	\$27,108,107	\$31,030,000	\$31,300,000	\$31,050,000	\$24,050,000	\$23,500,000	\$22,550,000	\$17,300,000	\$17,850,000	\$17,100,000	\$502,881,262
	Capital		\$1,061,936,422	\$157,682,742	\$87,870,000	\$122,890,000	\$113,583,000	\$81,770,000	\$24,520,000	\$23,620,000	\$22,470,000	\$30,790,000	\$26,460,000	\$1,753,592,164
	Total		\$1,321,979,577	\$184,790,850	\$118,900,000	\$154,190,000	\$144,633,000	\$105,820,000	\$48,020,000	\$46,170,000	\$39,770,000	\$48,640,000	\$43,560,000	\$2,256,473,426
Caltrans Rehabilitation Program Summary	Support		\$235,952,154	\$25,233,107	\$29,230,000	\$31,150,000	\$30,850,000	\$23,850,000	\$23,300,000	\$22,350,000	\$17,000,000	\$17,550,000	\$16,800,000	\$473,265,262
	Capital		\$477,844,942	\$60,528,236	\$48,500,000	\$95,200,000	\$74,863,000	\$56,200,000	\$4,700,000	\$3,100,000	\$700,000	\$5,300,000	\$1,300,000	\$828,236,179
	Total		\$713,797,097	\$85,761,344	\$77,730,000	\$126,350,000	\$105,713,000	\$80,050,000	\$28,000,000	\$25,450,000	\$17,700,000	\$22,850,000	\$18,100,000	\$1,301,501,440
BATA Rehabilitation Program Summary	Support		\$24,091,000	\$1,875,000	\$1,800,000	\$150,000	\$200,000	\$200,000	\$200,000	\$200,000	\$300,000	\$300,000	\$300,000	\$29,616,000
	Capital		\$584,091,480	\$97,154,506	\$39,370,000	\$27,690,000	\$38,720,000	\$25,570,000	\$19,820,000	\$20,520,000	\$21,770,000	\$25,490,000	\$25,160,000	\$925,355,986
	Total		\$608,182,480	\$99,029,506	\$41,170,000	\$27,840,000	\$38,920,000	\$25,770,000	\$20,020,000	\$20,720,000	\$22,070,000	\$25,790,000	\$25,460,000	\$954,971,986



BATA Resolution No. 130
 Date: June 26, 2019
 W.L.: 1255
 Referred by: BATA Oversight Committee

Attachment D
Bay Area Toll Authority
Regional Measure 2 Regional Traffic Relief Program Capital Budget Summary*

Capital Program 30914(c) Project No.	Project Title	Project Sponsor(s)	Toll Funding (thousands)
1	BART/Muni Connection at Embarcadero and Civic Center Stations	BART	\$3,000,000
2	SF MUNI Metro 3rd Street LRT Extension Metro East Maintenance Facility	SF MTA	\$30,000,000
3	SF MUNI Historic Streetcars Rehabilitation	SF MTA	\$10,000,000
4	Dumbarton Commuter Rail	San Mateo County Transportation Authority, Capitol Corridor JPA, Alameda County Transportation Commission (ACTC)	\$9,157,000
5	Vallejo Station	City of Vallejo	\$26,000,000
6	Solano County Express Bus Intermodal Facilities	Solano Transportation Authority	\$12,251,422
7	I-80 / I-680 / SR 12 Interchange	Solano Transportation Authority	\$100,000,000
8	I-80 EB HOV Lane Extension from Route 4 to Carquinez Bridge	Caltrans	\$37,174,545
9	Richmond Parkway Park & Ride	Solano Transportation Authority	\$3,850,000
10	SMART Extension to Larkspur or San Quentin	Sonoma Marin Area Rail Transit District (SMART)	\$56,500,000
11	U.S. 101 Greenbrae I/C Corridor and Bike/ Ped Improvements	Transportation Authority of Marin	\$43,500,000
12	Direct HOV Lane Connector from I-680 to Pleasant Hill BART	Contra Costa Transportation Authority	\$20,425,000
13	E-BART	Contra Costa Transportation Authority and BART	\$96,000,000
14	Capital Corridor Station and Track Improvements in Solano County	Capital Corridor JPA / STA	\$35,950,126
15	Central Contra Costa BART Crossover	BART	\$25,000,000
16	Benicia-Martinez Bridge: New Span	Bay Area Toll Authority	\$50,000,000
17	Express Bus North	Competitive	\$18,798,452
18	Clipper	Metropolitan Transportation Commission	\$35,000,000
19	Real Time Transit	Metropolitan Transportation Commission	\$20,000,000
20	Safe Routes to Transit	East Bay Bicycle Coalition / Transform	\$22,500,000
21	BART Tube Seismic Retrofit	BART	\$33,801,000
22	Transbay Terminal/Downtown Caltrain Extension	Transbay Joint Powers Authority	\$150,000,000
23	Oakland Airport Connector	Port of Oakland and BART	\$115,199,000
24	AC Transit Enhanced Bus	AC Transit	\$77,760,172
25	Commute Ferry Service for Alameda/Oakland/Harbor Bay	Water Transit Authority	\$12,000,000
26	Commute Ferry Service for Berkeley/Albany	Water Transit Authority	\$12,000,000
27	Commute Ferry Service for South San Francisco	Water Transit Authority	\$12,000,000
28	Water Transit Facility Improvements	Water Transit Authority	\$48,000,000
29	Express Bus South	AC Transit and Alameda County Transportation Commission (ACTC)	\$54,932,828
30	I-880 North Safety Improvements	Alameda County Transportation Commission (ACTC), City of Oakland, and Caltrans	\$12,300,000
31	BART Warm Springs Extension	BART	\$186,000,000
32	I-580 (Tri Valley) Rapid Transit Corridor Improvements	Alameda County Transportation Commission (ACTC)	\$65,000,000
33	San Francisco Bay Area Rail Study	BART	\$6,500,000
34	Integrated Fare Structure Program	TransLink® Consortium	\$1,500,000
35	Transit Commute Benefits Promotion	Metropolitan Transportation Commission	\$5,000,000
36	Caldecott Tunnel Improvements - Fourth Bore	Contra Costa Transportation Authority	\$45,075,000
37	BART Transit Capital Rehabilitation	BART	\$64,000,000
38	Regional Express Lane Network	MTC	\$4,825,455
39	Modifications in I-80 and San Pablo	Contra Costa Transportation Authority	\$8,000,000
40	Caltrain Electrification	Caltrain	\$20,000,000
TOTAL			\$1,589,000,000

* Modifications to this list are subject to and approved via California Streets and Highway Code Section 30914 (f)



BATA Resolution No. 130
 Date: June 26, 2019
 W.I.: 1256
 Referred by: BATA Oversight Committee

Attachment E
Bay Area Toll Authority
Toll Bridge Seismic Retrofit Program Budget Summary

Toll Bridge Seismic Retrofit Projects	Current Total Project Budget	Propose Project Budget Changes	Revised Total Project Budget
	a	b	c = a + b
San Francisco-Oakland Bay Bridge East Span Replacement	\$ 6,519,801,000		\$ 6,519,801,000
San Francisco-Oakland Bay Bridge West Span Retrofit	\$ 305,316,000		\$ 305,316,000
San Francisco-Oakland Bay Bridge West Approach Replacement	\$ 452,550,000		\$ 452,550,000
Richmond-San Rafael Bridge Retrofit	\$ 794,950,000		\$ 794,950,000
Benicia-Martinez Bridge Retrofit	\$ 177,830,000		\$ 177,830,000
Carquinez Bridge Retrofit	\$ 114,206,000		\$ 114,206,000
San Mateo-Hayward Bridge Retrofit	\$ 163,412,000		\$ 163,412,000
Antioch Bridge Retrofit	\$ 71,100,000		\$ 71,100,000
Dumbarton Bridge Retrofit	\$ 112,400,000		\$ 112,400,000
Subtotal for Bay Area Bridges	\$ 8,711,565,000	\$ -	\$ 8,711,565,000
Vincent Thomas Bridge Retrofit (<i>non-BATA, for information only</i>)	\$ 58,420,000		\$ 58,420,000
San Diego-Coronado Bridge Retrofit (<i>non-BATA, for information only</i>)	\$ 103,240,000		\$ 103,240,000
Program Indirects	\$ 26,030,000	\$ -	\$ 26,030,000
Subtotal for All Bridges	\$ 8,899,255,000	\$ -	\$ 8,899,255,000
Program Contingency	\$ -	\$ -	\$ -
Total for Toll Bridge Seismic Retrofit Program	\$ 8,899,255,000	\$ - *	\$ 8,899,255,000

* Program Contingency is transferred to the Toll Bridge Rehabilitation Program in FY 2018-19



BATA Resolution No. 130
Date: June 26, 2019
W.I.: 1256
Referred by: BATA Oversight Committee

Attachment F
Bay Area Toll Authority
AB1171 Program Capital Budget Summary

Project No.	Project Title	Project Sponsor(s)	Toll Funding (thousands)
1	South Access to the Golden Gate Bridge - Doyle Drive Replacement Project	SFCTA, MTC, CT, GGBTHD	\$80,000
2	E BART	BART, MTC	\$111,500
3	Transbay Terminal/Downtown Extension Phase 1	TJPA, MTC	\$150,000
4	Tri-Valley Transit Access Improvements to BART	San Mateo County Transportation Authority, Capitol Corridor JPA, Alameda County Transportation Commission (ACTC)	\$95,000
5	I-80/I-680 Interchange	STA, MTC	\$100,000
6	Fairfield/Vacaville Train Station	STA, MTC	\$9,000
7	BART to Warm Springs	BART, MTC	\$5,000
8	Regional Express Lanes Network	MTC	\$2,800
9	VTA Mission/Warren/Truck Rail Facility	VTA	\$6,500
10	Other Corridor Improvements	MTC	\$10,200
TOTAL			\$570,000



BATA Resolution No. 130
 Date: June 26, 2019
 W.I.: 1255
 Referred by: BATA Oversight Committee

Attachment G
Bay Area Toll Authority
Regional Measure 3 Bay Area Traffic Relief Plan Capital Budget Summary

Project Number	Project Title	Toll Funding (thousands)
1	BART Expansion Cars	\$ 500,000,000
2	Bay Area Corridor Express Lanes	\$ 300,000,000
3	Goods Movement and Mitigation	\$ 160,000,000
4	San Francisco Bay Trail/Safe Routes to Transit	\$ 150,000,000
5	Ferry Enhancement Program	\$ 300,000,000
6	BART to San Jose Phase 2	\$ 375,000,000
7	Sonoma-Marin Area Rail Transit District (SMART)	\$ 40,000,000
8	Capitol Corridor	\$ 90,000,000
9	Caltrain Downtown Extension	\$ 325,000,000
10	MUNI Fleet Expansion and Facilities	\$ 140,000,000
11	Core Capacity Transit Improvements	\$ 140,000,000
12	Alameda-Contra Costa Transit District (AC Transit) Rapid Bus Corridor Improvements	\$ 100,000,000
13	Transbay Rail Crossing	\$ 50,000,000
14	Tri-Valley Transit Access Improvements	\$ 100,000,000
15	Eastridge to BART Regional Connector	\$ 130,000,000
16	San Jose Diridon Station	\$ 100,000,000
17	Dumbarton Corridor Improvements	\$ 130,000,000
18	Highway 101/State Route 92 Interchange	\$ 50,000,000
19	Contra Costa Interstate 680/State Route 4 Interchange Improvements	\$ 210,000,000
20	Highway 101-Marin/Sonoma Narrows	\$ 120,000,000
21	Solano County Interstate 80/Interstate 680/State Route 12 Interchange Project	\$ 150,000,000
22	Interstate 80 Westbound Truck Scales	\$ 105,000,000
23	State Route 37 Improvements	\$ 100,000,000
24	San Rafael Transit Center	\$ 30,000,000
25	Richmond-San Rafael Bridge Access Improvements	\$ 210,000,000
26	North Bay Transit Access Improvements	\$ 100,000,000



BATA Resolution No. 130
Date: June 26, 2019
W.I.: 1255
Referred by: BATA Oversight Committee

27	State Route 29	\$	20,000,000
28	Next-Generation Clipper Transit Fare Payment System	\$	50,000,000
29	Interstate 680/Interstate 880/Route 262 Freeway Connector	\$	15,000,000
30	Interstate 680/State Route 84 Interchange Reconstruction Project	\$	85,000,000
31	Interstate 80 Transit Improvements	\$	25,000,000
32	Byron Highway-Vasco Road Airport Connector	\$	10,000,000
33	Vasco Road Safety Improvements	\$	15,000,000
34	East Contra Costa County Transit Intermodal Center	\$	15,000,000
35	Interstate 680 Transit Improvements	\$	10,000,000
	TOTAL		\$4,450,000,000



BATA Resolution No. 130

Date: June 26, 2019

W.I.: 1254

Referred by: BATA Oversight Committee

Attachment H
Fund Reserve Designations
(effective June 30, 2019)

Pursuant to the Plan of Finance (Resolution No. 57) approved in 2005, the 2013-14 Plan of Finance (Resolution No. 110) approved November 20, 2013, the Master Indenture and subsequent indentures, the Authority designates and reserves an amount not less than \$1 billion to be maintained for authorized purposes, including but not limited to:

- 2 years Operations & Maintenance* \$ 175 million
- Rehabilitation Reserve \$ 210 million
 (2 years @ \$105 million)
- Emergency reserve (Co-op) \$ 50 million
- Variable Rate Risk Reserve \$ 285 million
- Project/Self Insurance Reserve (SIR) \$ 280 million

Funds not specifically listed shall be retained for an operating reserve. No funds shall be withdrawn from the reserve without specific authorization of the Authority.

* Combination shall be at least 2x the adopted operating budget



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 20-0072 **Version:** 1 **Name:**
Type: Report **Status:** Informational
File created: 12/11/2019 **In control:** Bay Area Toll Authority Oversight Committee
On agenda: 1/8/2020 **Final action:**
Title: MTC/BATA Preference Programs and Goals

An update on Agency preference programs including SBE Preference Program revisions, results of CA Preference Program research and planned future efforts to expand preference programs.

Sponsors:

Indexes:

Code sections:

Attachments: [6a_20-0072_Preference_Programs_Update.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

MTC/BATA Preference Programs and Goals

An update on Agency preference programs including SBE Preference Program revisions, results of CA Preference Program research and planned future efforts to expand preference programs.

Presenter:

Michael Brinton

Recommended Action:

Information

Bay Area Toll Authority Oversight Committee

January 8, 2020

Agenda Item 6a

MTC / BATA Preference Programs and Goals

- Subject:** An update on Agency preference programs including SBE Preference Program revisions, results of CA Preference Program research and planned future efforts to expand preference programs.
- Background:** MTC and BATA are continually evaluating opportunities to promote and increase Small Business Enterprise (SBE) and Disadvantaged Business Enterprise (DBE) participation on MTC and BATA projects. In addition to the SBE Preference Programs, BATA directed staff to research and develop a California Preference Program in an effort to promote California based businesses. Michael Brinton, Assistant Director, Contracts/Compliance Manager will present information to the Committee on the following areas:
- Overall goals of MTC/BATA preference programs
 - Update on the California Preference Program efforts
 - Update on improvements to the SBE Preference Programs that will be presented in February 2020
 - Workforce Development programs in the 9 county San Francisco Bay Area
- Issues:** None – Information Item.
- Recommendation:** None – Information Item.
- Attachments:** Presentation Slides;
Appendix A; and
Appendix B


Therese W. McMillan

Preference Programs Update

- What is the goal of establishing Preference Programs?
- California Preference Program research and staff recommendation
- SBE Preference Program Update
- Workforce Development Programs

Agency Goals

- Increased job opportunities for San Francisco Bay Area residents
- Increased contract opportunities for Disadvantaged Business Enterprises (DBEs) and Small Business Enterprises (SBEs) located in the San Francisco Bay Area and throughout California
- Increased competition
- Meaningful support of work force development programs

California Preference Program

- As a result of multiple procurements related to FasTrak[®] Toll Tags in Fall 2018 and early 2019, the Committee directed staff to research and develop a preference program to increase the competitiveness of California based businesses
- Staff researched local preference programs (see Appendix A) as a statewide preference program does not currently exist
- After drafting a pilot California Preference Program, staff analyzed the potential impact of the program versus the required resources for monitoring and compliance
- Below are the some of the guidelines for the program included in a presentation to the Committee in 2019:

Considerations

- ☐ Impacts on competition
- ☐ Increased protest / legal challenge risks
- ☐ Increased costs
- ☐ Validating location, monitoring compliance, consequences of non-compliance, agency staffing needs

Pilot Preference Program

- ☐ 5% Preference if Consultant/Contractor/Vendor has at least one physical location situated within the State of California
- ☐ Create Location Requirements Proposer must meet
- ☐ Create Monitoring/Compliance measures and enforcement

California Preference Program

MTC Agency Vendors

	#	%
Total # of Vendors	10,464	
Vendors in CA	8,587	82%
Vendors not in CA	1,877	18%

Includes all persons/entities currently in Agency vendor database

BATA Procurement Proposers

California Status

7/1/2017 - Present

	#	%
Procurements:	15	
Total Proposers:	73	
California	56	77%
Non-California	17	23%

See Appendix B

Toll Tag Vendor California Status

- Kapsch – Pleasanton, CA & Carlsbad, CA
- Neology – San Diego, CA
- Transcore – Pleasanton, CA
- Star Systems – Texas

CA Preference Program Recommendation

- Staff recommends not proceeding with a CA Preference Program
 - ❖ Statistics from current vendors and Proposers on recent contract opportunities demonstrates that a CA Preference Program will have minimal impact on contract award results
 - ❖ Resources required to implement a meaningful monitoring and compliance program could be directed at other efforts that offer a higher return on investment
 - ❖ Unknown risk of protest/legal challenges to the program

SBE Preference Program

- October 2015 – Agencies adopted Resolution 4203, implementing the Construction Project SBE Program
 - ❖ 7 Civil Construction IFBs issued since adoption
 - ❖ 6 of 7 IFBs included Bidders claiming the SBE Preference
 - ❖ 3 of the IFBs were awarded to Bidders claiming the SBE preference
- January 2017 – staff implemented the MTC Professional Services SBE Pilot Program
 - ❖ Pilot program included on 10 RFPs
 - ❖ 5 of 10 RFPs included Proposers claiming the SBE Preference
 - ❖ 2 of the RFPs were awarded to Proposers claiming the SBE Preference

SBE Preference Program

- Although SBE programs resulted in successful participation and multiple awards directly influenced by the preference, staff is striving for a larger impact
- In February 2020, staff will present resolutions seeking approval of a revised SBE Program that will include the following:
 - ❖ Create two tiers of SBE participation within increasing preference points awarded for larger SBE participation
 - ❖ Expanding qualified SBEs to include DBEs and SBEs from any certifying agency in the 9 county San Francisco Bay Area that offers an online, searchable database of certified SBEs/DBEs
 - ❖ Require inclusion of SBE Program on all non-federally funded RFPs

Workforce Development Programs

- Staff would like to explore supporting workforce development programs such as those offered by:
 - ❖ City and County of San Francisco
 - ❖ Mission Economic Development Agency
 - ❖ Alameda County
 - ❖ NOVA (Northern Santa Clara County/San Mateo County)
 - ❖ Work2future (Southern Santa Clara County)
 - ❖ Contra Costa County
 - ❖ Solano County
 - ❖ Napa County
 - ❖ Mandela Partners

Appendix A

Local Preference Programs Research

LBE Information for SF Bay Area Public and Transportation Agencies

	AC Transit	Alameda County	Alameda CTC	City of Oakland	Port of Oakland	San Francisco City and County	Santa Clara County
Type of Program	SBE/LBE	SBE/LBE	SBE/LBE/VSLBE	SBE/LBE	VSBE, SBE, LBABE or LIABE	SBE/LBE	LBE
% Preference	SBE preference 5% of the lowest bid meetings specs, 7% for SLBE.	Varies, see http://www.acgov.org/auditor/sleb/components.htm	Varies	2%	10% or 1M whichever is less	Varies	5%
Program Document	http://www.actransit.org/wp-content/uploads/board_policies/BP%20351%20-%20Small%20Local%20Business%20Procurement.pdf	http://www.acgov.org/auditor/sleb/documents/SLEBprogram.pdf	https://www.alamedactc.org/wp-content/uploads/2018/11/LBCE_Program_Policy_20171207.pdf	https://cao-94612.s3.amazonaws.com/documents/oak029719.pdf	https://www.portofoakland.com/files/pdf/responsibility/ndslbu_policy.pdf	https://sfgov.org/cmd/sites/default/files/FileCenter/Documents/13050-CH14B_Rules_07012015_Final_clean.pdf	https://www.sccgov.org/sites/pr/policies/Pages/default.aspx
Requirements / Measures of a Local Business:	Local Business - A business having a fixed office with a street address in Alameda County, and having a valid business license issued by the County or a City within Alameda County.	Local Business - A business having a fixed office with a street address in Alameda County, and having a valid business license issued by the County or a City within Alameda County.	a. Hold a valid business license issued by Alameda County or a city within Alameda County for at least six (6) months prior to certification date;	Local Business Enterprise (LBE)	“Local Business Area (LBA)” shall mean all of Alameda County and Contra Costa County.	LBEs must go through a certification and registration process to set the Principal Place of Business in San Francisco Certification Criteria	Local business must be a lawful business with a physical address and meaningful production capability located within the boundaries of the County of Santa Clara
	5% Local Business Preference - Any local business located within the County at least 6 months prior to date upon which a request for sealed bids or proposals is issued may be eligible for a 5% local bid preference.	5% Local Business Preference - Any local business located within the County at least 6 months prior to date upon which a request for sealed bids or proposals is issued may be eligible for a 5% local bid preference.	b. Be located and fully operational at a fixed place of business within Alameda County where administrative, clerical, professional, and other productive work is continuously performed relative to its commercial contracts for at least six (6) months prior to the certification date, with two types of evidence of maintaining a working office at such business address: (1) proof of a prior or current fully executed contract containing such business address, and (2) a lease agreement or proof of ownership of real property for the fixed place of business (a temporary, mobile or virtual office, project work station, telephone answering and/or mail service in an office suite, post office box or address, etc., do not constitute a fixed place of business location);	<input type="checkbox"/> substantial presence in Oakland <input type="checkbox"/> operational for at least twelve (12) consecutive months <input type="checkbox"/> valid business tax license <input type="checkbox"/> fixed office space <input type="checkbox"/> employees in fixed office <input type="checkbox"/> permits and fines and fees are current <input type="checkbox"/> documents certifying the existence of the business (contracts, leases bills, etc) <input type="checkbox"/> registration in the City’s iSupplier system	“Local Impact Area (LIA)” shall mean the area most impacted by Port projects. The LIA includes the cities of Oakland, Alameda, Emeryville and San Leandro.	1. The business owner(s) must declare under penalty of perjury that the business maintains its principal place of business in San Francisco consistent with Chapter 14B.3(A)(5).	Agencies/Departments to work with County Counsel to determine whether the business has meaningful production capability within the County.

AC Transit	Alameda County	Alameda CTC	City of Oakland	Port of Oakland	San Francisco City and County	Santa Clara County
		c. Have a minimum of one full-time equivalent employee staffing the Alameda County office, if the business has one or more offices located outside of Alameda County;	Local Business Enterprise –Locally Produced Goods (LBE-LPG)		2. The business must submit documentation demonstrating that it has been located and doing business in San Francisco for at least six (6) months preceding its application for certification as an LBE.	
		d. Be bona fide with real and continuing business activities and ownership interests which are not created merely for the purpose of meeting the objectives of the LBCE Program; and	Same as LBE except: <input type="checkbox"/> Business must manufacture goods within the Oakland geographic boundaries	The Port will implement a Surety Bond and Financing Program to assist contractors in obtaining bonding and financing to meet the Port’s small local business utilization goals.	3. If a business seeking to be certified has more than one operating location, it must demonstrate that its local office is its principal place of business. It must maintain its principal place of business in a fixed office within the geographic boundaries of the City, where it provides all of the services for which LBE certification is sought, other than work required to be performed at a job site. All businesses, except for suppliers, must demonstrate that the majority of its principals are based in the San Francisco office.	
		e. Be economically independent, perform commercially useful functions, and have a customer base (a business acting as a passive conduit rather than contributing a value added or actual portion of the work performed does not qualify for certification).		1.1.1. The business must be located at a fixed commercial or residential address, which constitutes a business location where administrative, clerical, professional, or other productive work is continuously performed relative to its commercial contracts. A temporary or moveable office, a project work station, a post office box, or a telephone answering and/or forwarding service are not acceptable; and		

AC Transit	Alameda County	Alameda CTC	City of Oakland	Port of Oakland	San Francisco City and County	Santa Clara County
				1.1.2. The business must have located within the LBA or LIA at least one (1) year prior to the certification application date; and	4. To be certified as a supplier, a business is not required to maintain its principal place of business in San Francisco, but must maintain a fixed office in San Francisco that meets all of the local office requirements other than the principal place of business requirement.	
				1.1.3. The business must provide evidence of performing prior contracts while based within the LBA or LIA; and	5. All business owners are considered principals for purposes of determining principal place of business.	
				1.1.4. The business must be economically independent and perform commercially useful functions. A business acting as a passive conduit rather than contributing a value added or actual portion of the work performed does not qualify for certification; and	6. A business must operate from an independent office site, have daily functions, fixtures and equipment and sufficient space necessary to operate the business for which certification is sought.	
				1.1.5. The business must be currently licensed, where applicable, in the type of work in which it is seeking a contract with the Port of Oakland at least one year prior to the certification application date; and	7. An arrangement for the right to use office space on an ‘as needed’ basis where there is no office exclusively reserved for the firm does not qualify as an ‘office’. The applicant must submit a rental agreement for the office space/home, rent receipt or canceled check. If the office space is owned by the business or applicant, the business must submit property tax or deed statement documenting ownership.	

AC Transit	Alameda County	Alameda CTC	City of Oakland	Port of Oakland	San Francisco City and County	Santa Clara County
				1.1.6. The business must be bona fide with real and continuing business ownership interests which are not created merely for the purpose of meeting the objectives of the Port’s Non-Discrimination and Small Local Business Utilization Policy.	8. The business location, unless located in a residence, must prominently display the name of the firm. A business that is located in a residence and that seeks to be certified as an LBE must substantiate that none of the owners of the business also maintain an office that is located outside of the home for this business activity.	
					9. Businesses must submit copies of their annual San Francisco Business Tax Registration Certificate as well as Federal and State Payroll documents (i.e. DE-6 or DE-9).	

Appendix B
BATA Proposers List

Appendix B

Name of Procurement	Proposers:	Date Adv	Location	
Bond Counsel & Public Finance Counsel		11/9/2018		
	KutakRock		Denver	CO
	Orrick Herrington & Sutcliffe		San Francisco	CA
	Nixon Peabody		Los Angeles	CA
	Thompson Coburn LLP		Chicago	IL
AET Program Management & Oversight		5/6/2019		
	WSP		San Francisco	CA
	HNTB		Oakland	CA
	Jacobs Engineering Group		Oakland	CA
	Silicon Transportation Consultants		Palo Alto	CA
	Traffic Technologies		San Francisco	CA
Fas Trak Customer Service Center Credit Card Processing Services		9/12/2018		
	Bank of America merchant Services		Charlotte	NC
	First Data		Atlanta	GA
	JP Morgan		San Francisco	CA
	Worldplay		Symmes	OH
SR 37 Interim Project Mini-Procurement		1/22/2019		
	AECOM		Oakland	CA
	Kimley-Horn & Ass		Pleasanton	CA
	T.Y. Lin International		Oakland	CA
Fas Trak 6C Electric Toll Tags *		3/6/2019		
	TransCore		Albuquerque	NM
	Kapsch TrafficCom USA		McLean	VA
On Call Construction Management & Design		9/26/2017		
	AECOM		San Francisco	CA
	Arup North America		San Francisco	CA
	BKF Engineers		Pleasanton	CA
	Ghirardelli Ass		Oakland	CA
	HDR		Oakland	CA
	Hill International		San Francisco	CA
	HNTB		Oakland	CA
	Jacobs		Oakland	CA
	Kimley-Horn & Ass		Pleasanton	CA
	Park Engineering		Orinda	CA
	S&G Engineers		Oakland	CA
	T.Y. Lin International		Oakland	CA
	WHM Corp		Oakland	CA
	WSP		San Francisco	CA
	Zoon Engineering		Emeryville	CA
Mini Procurement: Fas Trak Ad Hoc Communications Service		6/20/2019		
	Auriga Corp		Milpitas	CA
	Caribou Public Relations		Martinez	CA
	MIG Inc		Berkeley	CA
Consultant Assistance Fas Trak Regional Customer Service Center		7/11/2017		
	HNTB Corp		Oakland	CA
	Jacobs		San Francisco	CA
	Traffic Technologies		New Windsor	NY
SF-Oakland Bay Bridge (SFOBB) Metering Lights Upgrade Project		4/30/2019		
	St Francis Electric		San Leandro	CA
Fas Trak General Information Webpage Update		10/2/2018		
	Convey		Emeryville	CA
	Lowercase Productions		San Francisco	CA
	MIG Inc		Berkeley	CA
	Sidecar		Oakland	CA
	The Glue		Los Angeles	CA

Appendix B

Name of Procurement	Proposers:	Date Adv	Location	
Fas Trak Regional CSC RFI		5/10/2018		
	Cognizant Tech Solutions		College Station	TX
	Conduent		Genmantown	MD
	Cubic Transportation Systems		San Diego	CA
	Electronic Transaction Consultants(ETC)		Richardson	TX
	Emovis Technologies US		Westbury	NY
	Etan Industries		Dallas	TX
	Faneuil		Hampton	VA
	Indra		Miami	FL
	Kapsch Traffic Com		McLean	VA
	Vertiba		Dallas	TX
	WSP		San Francisco	CA
Richmond-San Rafael Bridge Access Improvement Project		10/16/2017		
	OC Jones		Berkeley	CA
	Ghilotti Bros Inc		San Rafael	CA
	Proven Management Inc		Oakland	CA
2017 RFQ Toll Bridge Assest management Program Support		1/24/2017		
	Arup North America		San Francisco	CA
	HDR		San Francisco	CA
	HNTB Corp		Oakland	CA
	Mott MacDonald		San Francisco	CA
	TY Lin International		San Francisco	CA
	WSP		San Francisco	CA
Asset Management Support for RSR Bridge		8/22/2018		
	WSP		San Francisco	CA
	Arup North America		San Francisco	CA
	HDR		San Francisco	CA
	HNTB		Oakland	CA
	Mott MacDonald		San Francisco	CA
	TY Lin International		San Francisco	CA
Toll Bridge Signage & Striping Project		7/26/2018		
	AECOM		Oakland	CA
	Kimley-Horn & Ass		Oakland	CA