



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 Warren Slocum, Vice Chair

*Jeannie Bruins, Carol Dutra-Vernaci, Federal D. Glover,
Nick Josefowitz, Jane Kim, Alfredo Pedroza, Libby Schaaf*

Non-Voting Member: Bijan Sartipi

Wednesday, June 14, 2017

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. [17-2603](#) Minutes of the May 10, 2017 meeting
- Action: Committee Approval
- Attachments: [4a_05-10-2017_BATA_O_Draft_Minutes_V2.pdf](#)
-
- 4b. [17-2604](#) BATA Financial Statements for April 2017
- Action: Information
- Presenter: Eva Sun
- Attachments: [4b_Budget_vs_Actual_April'2017.pdf](#)
-
- 4c. [17-2605](#) Contract Amendment - Collection Services: Law Enforcement Systems, LLC (\$1,000,000)
- Action: Committee Approval
- Presenter: Gary Louie
- Attachments: [4c_ContractAmend_LES.pdf](#)

- 4d. [17-2606](#) Purchase Orders - ATCAS Hardware/Software Maintenance/Network Services: SSP Data, AT&T, Hewlett Packard Enterprise Company (\$820,000 combined)

Action: Committee Approval
Presenter: Mark Dinh
Attachments: [4d_PurchaseOrder_SSPData_AT&T_HPE.pdf](#)
- 4e. [17-2607](#) Contract Amendment - Construction and Maintenance Zone Enhanced Enforcement Program: California Highway Patrol (CHP) (\$1,355,000)

Action: Committee Approval
Presenter: Angela Louie
Attachments: [4e_ContractAmend_CHP.pdf](#)
- 4f. [17-2608](#) Funding Agreement - Bridge Yard Building Operations and Maintenance: East Bay Regional Park District (\$750,000)

Action: Committee Approval
Presenter: Peter Lee
Attachments: [4f_FundingAgreement_EBRPD.pdf](#)
- 4g. [17-2609](#) Contract Amendment - I-580 Richmond San Rafael Bridge Access Improvement Project: On-Call Design Services -Additional Design Services During Construction and Traffic Operation Analysis: HNTB Corporation (\$1,439,000)

Action: Committee Approval
Presenter: Chris Lillie
Attachments: [4g_ContractAmend_HNTB.pdf](#)
- 4h. [17-2610](#) Funding Agreement - Yerba Buena Island Southgate Road Realignment Project: San Francisco County Transportation Authority (\$2,371,000)

Action: Committee Approval
Presenter: Peter Lee
Attachments: [4h_FundingAgreement_SFCTA.pdf](#)
- 4i. [17-2652](#) Contract Amendment - On-Call EPS Consultant Assistance Bench - Toll System Configuration Support: Silicon Transportation Consultants (STC) (\$100,000)

Action: Committee Approval
Presenter: Noah Tunick
Attachments: [4i_ContractAmend_STC.pdf](#)

5. Approval

- 5a. [17-2659](#) BATA Resolution No. 118, Revised - Toll Bridge Rehabilitation and Seismic Retrofit Capital Program Budget Revision
- A request to refer budget changes and allocations to the BATA Toll Bridge Rehabilitation and Seismic Retrofit Capital Program Budgets (BATA Resolution No. 118, Revised) to the Authority for approval.
- Action:** Authority Approval
- Presenter:** Brian Mayhew
- Attachments:** [5a Reso-118 Budget Revisions.pdf](#)
- 5b. [17-2656](#) Direct Investment in \$100,000,000 San Francisco Certificates of Participation
- A request to extend authorization to make a direct investment of up to \$100,000,000 in the Certificates of Participation (COP) to be issued by the City and County of San Francisco to support construction of the Transbay Terminal Phase I project.
- Action:** Authority Approval
- Presenter:** Brian Mayhew
- Attachments:** [5b DirectInvestment SF Certs-of Participation.pdf](#)
- 5c. [17-2653](#) BATA Resolution No. 122 - FY 2017-18 Toll Bridge Program Operating and Capital Budgets
- A request to refer FY 2017-18 Toll Bridge Operating and Capital Budgets, BATA Resolution No. 122, to the Authority for approval.
- Action:** Authority Approval
- Presenter:** Brian Mayhew
- Attachments:** [5c BATA Reso-122 FY2017-18 Budget.pdf](#)

6. Public Comment / Other Business

7. Adjournment / Next Meeting

The next meeting of the Bay Area Toll Authority Oversight Committee will be held on July 12, 2017 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 #: 17-2603 **Version:** 1 **Name:**
Type: Minutes **Status:** Consent
File created: 5/12/2017 **In control:** Bay Area Toll Authority Oversight Committee
On agenda: 6/14/2017 **Final action:**
Title: Minutes of the May 10, 2017 meeting
Sponsors:
Indexes:
Code sections:
Attachments: [4a_05-10-2017_BATA_O_Draft_Minutes_V2.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:
Minutes of the May 10, 2017 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 Warren Slocum, Vice Chair

*Jeannie Bruins, Carol Dutra-Vernaci, Federal D. Glover,
Nick Josefowitz, Jane Kim, Alfredo Pedroza, Libby Schaaf
Non-Voting Member: Bijan Sartipi*

Wednesday, May 10, 2017

9:30 AM

Board Room - 1st Floor

Call Meeting to Order

1. Roll Call / Confirm Quorum

Present: 6 - Commissioner Bruins, Commissioner Dutra-Vernaci, Commissioner Glover,
Commissioner Josefowitz, Commissioner Pedroza, and Commissioner Worth
Absent: 3 - Commissioner Kim, Commissioner Schaaf, and Commissioner Slocum

Non-Voting Member Absent: Commissioner Sartipi

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

Ad Hoc Non-Voting Members Present: Commissioner Connolly, Commissioner Cortese,
Commissioner Giacomini, Commissioner Halsted, and Commissioner Pierce

2. Consent Calendar

Approval of the Consent Calendar

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

Aye: 6 - Commissioner Bruins, Commissioner Dutra-Vernaci, Commissioner Glover,
Commissioner Josefowitz, Commissioner Pedroza and Commissioner Worth
Absent: 3 - Commissioner Kim, Commissioner Schaaf and Commissioner Slocum

2a. [17-2492](#) Minutes of the April 12, 2017 meeting

Action: Committee Approval

2b. [17-2493](#) BATA Financial Statements for March 2017

Action: Information

Presenter: Eva Sun

2c. [17-2494](#) Contract - On-Call Design Services - San Francisco Oakland Bay Bridge
Oakland Touchdown Parking Project: BKF Engineers (\$400,000)

Action: Committee Approval

Presenter: Peter Lee

3. Approval

3a. [17-2498](#) Contract - On-Call Design Services - Yerba Buena Island Southgate Road
Realignment Project: HDR Engineering, Inc. (\$4,000,000)

A request to enter into a contract with HDR Engineering, Inc. for on-call design consultant services for the Yerba Buena Island Southgate Road Realignment Project.

Action: Committee Approval

Presenter: Peter Lee

Upon the motion by Commissioner Bruins and the second by Commissioner Josefowitz, the Committee unanimously approved the contract with HDR Engineering, Inc.. The motion carried by the following vote:

Aye: 6 - Commissioner Bruins, Commissioner Dutra-Vernaci, Commissioner Glover, Commissioner Josefowitz, Commissioner Pedroza and Commissioner Worth

Absent: 3 - Commissioner Kim, Commissioner Schaaf and Commissioner Slocum

3b. [17-2499](#) BATA Resolution No. 118, Revised - Toll Bridge Program Operating and
Capital Budget Revision

This item would amend the BATA Toll Bridge Operating and Capital Project Budget (BATA Resolution No. 118, Revised) to update allocations among projects within BATA's operating and capital programs.

Action: Authority Approval

Presenter: Brian Mayhew

Upon the motion by Commissioner Dutra-Vernaci and the second by Commissioner Bruins, the Committee unanimously approved the referral of BATA Resolution No. 118, Revised to the Authority for approval. The motion carried by the following vote:

Aye: 6 - Commissioner Bruins, Commissioner Dutra-Vernaci, Commissioner Glover, Commissioner Josefowitz, Commissioner Pedroza and Commissioner Worth

Absent: 3 - Commissioner Kim, Commissioner Schaaf and Commissioner Slocum

4. Public Comment / Other Business

5. Adjournment / Next Meeting

The next meeting of the Bay Area Toll Authority Oversight Committee will be held on June 14, 2017 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 #: 17-2604 **Version:** 1 **Name:**

Type: Report **Status:** Consent

File created: 5/12/2017 **In control:** Bay Area Toll Authority Oversight Committee

On agenda: 6/14/2017 **Final action:**

Title: BATA Financial Statements for April 2017

Sponsors:

Indexes:

Code sections:

Attachments: [4b Budget vs Actual April'2017.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:
BATA Financial Statements for April 2017

Presenter:
Eva Sun

Recommended Action:
Information



BAY AREA TOLL AUTHORITY
Bay Area Metro Center
375 Beale Street
San Francisco, CA 94105
TEL 415.778.6700
WEB www.mtc.ca.gov

Memorandum

TO: BATA Oversight Committee

DATE: June 7, 2017

FR: Executive Director

W. I. 1254

RE: BATA Financial Statements for April 2017

Please find attached for receipt the BATA financial statements for the ten month period ending April 2017. Major highlights of the ten months statement include:

- (1) **Revenues:** Toll bridge revenue for the current ten months is slightly higher than budgeted. BATA has also received \$53.5 million in subsidy payments from the U.S. Government to offset the interest expense for the Build America Bonds.
- (2) **Transfers to MTC:** The annual 1% administration fee was transferred to MTC in the amount of \$7.3 million.
- (3) **FasTrak®** usage for the month was at 69% of total paid traffic.
- (4) **Contract carryover encumbrances:** Funds totaling \$1.3 million from FY 2015-16 were added to the budget as contract carryover encumbrances.

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



Steve Heminger

SH:bm
Attachment

BATA Operating Budget

As of April 2017

	FY 2016-17 Budget	Actual YTD	Current Budget Balance	% of Budget (col 2/1)	year Expired	Encumbrances
REVENUE:						
1. RM 1 Toll Revenues	583,001,487	488,488,494	94,512,993	83.8%	83.3%	-
2. RM 2 Toll Revenues	126,351,051	106,501,241	19,849,810	84.3%	83.3%	-
3. Other revenue	10,000,000	21,518,637	(11,518,637)	215.2%	83.3%	-
4. Interest Income	10,400,000	10,784,967	(384,967)	103.7%	83.3%	-
5. GGB&HTD Fastrak Reimbursement	6,733,000	3,044,488	3,688,512	45.2%	83.3%	-
6. SFO Fastrak Reimbursement	463,000	253,915	209,085	54.8%	83.3%	-
7. Alameda CMA Reimbursement	1,150,000	1,573,781	(423,781)	136.9%	83.3%	-
8. VTA 237 Express Lane Reimb.	135,000	103,578	31,422	76.7%	83.3%	-
9. Rebate for Build America Bonds	71,355,353	53,478,234	17,877,119	74.9%	83.3%	-
Total Revenue	809,588,891	685,747,335	123,841,556	84.7%	83.3%	-
EXPENSE:						
Caltrans Operations and Maintenance:						
1. Toll Collection & Operations Services	22,700,000	17,788,483	4,911,517	78.4%	83.3%	-
2. Toll & Bridge Facility Maint	8,400,000	7,863,129	536,871	93.6%	83.3%	-
3. Caltrans Coordination	321,000	116,127	204,873	36.2%	83.3%	-
Caltrans O & M Subtotal	31,421,000	25,767,739	5,653,261	82.0%	83.3%	-
Fastrak Operations and Maintenance:						
4. RCSC Operations	23,400,000	14,935,117	8,464,883	63.8%	83.3%	7,174,018
5. ATCAS Maintenance, IT equip	4,985,306	2,328,506	2,656,800	46.7%	83.3%	2,254,283
6. Banking Costs	13,900,000	8,781,481	5,118,519	63.2%	83.3%	5,118,519
7. Collection Exp./DMV Exp.	2,400,000	1,959,416	440,584	81.6%	83.3%	304,031
BATA O & M Subtotal	44,685,306	28,004,520	16,680,786	62.7%	83.3%	14,850,851
BATA Toll Bridge Administration:						
8. Staff Costs - Salaries,Benefits & Temps	9,661,598	7,601,140	2,060,458	78.7%	83.3%	-
9. Travel, Printing, Memberships & Other	507,459	222,065	285,394	43.8%	83.3%	7,183
10. RM 1/RM2 Audit/Accounting/Other	3,269,514	949,071	2,320,443	29.0%	83.3%	237,807
11. Misc. Toll Admin Operating Expenses	1,100,000	558,099	541,901	50.7%	83.3%	1,606
12. Professional Fees	1,682,500	974,223	708,277	57.9%	83.3%	494,233
13. Other	1,000,000	75,049	924,951	7.5%	83.3%	63,611
Toll Bridge Admin Subtotal	17,221,071	10,379,647	6,841,424	60.3%	83.3%	804,440
Other/Transfers:						
14. Transfers to MTC 1% Admin	7,297,525	7,297,525	-	100.0%	83.3%	-
15. Transfers to MTC - Other	273,550	144,295	129,255	52.7%	83.3%	31,978
16. Transfers to SAFE	300,000	300,000	-	100.0%	83.3%	-
17. Transfer from Legal Reserve	2,387,215	343,066	2,044,149	14.4%	83.3%	1,239,148
18. Transbay Transit Terminal Maint	4,691,868	2,125,277	2,566,591	45.3%	83.3%	2,566,591
19. Beale St Assessment	1,750,000	1,182,905	567,095	67.6%	83.3%	567,095
20. Depreciation and Amortization	5,150,000	4,507,686	642,314	87.5%	83.3%	-
21. RM2/Clipper Marketing	3,750,000	1,411,013	2,338,987	37.6%	83.3%	443,827
22. RM2 Operating	45,000,000	33,597,479	11,402,521	74.7%	83.3%	9,686,604
Transfers	70,600,158	50,909,246	19,690,912	72.1%	83.3%	14,535,243
Debt Service:						
23. Interest and principal payments	516,410,069	402,104,302	114,305,767	77.9%	83.3%	-
24. Financing Costs	3,631,600	2,170,341	1,461,259	59.8%	83.3%	1,116,548
Total Debt Service	520,041,669	404,274,643	115,767,026	77.7%	83.3%	1,116,548
Transfer to Capital Fund In (Out):						
25. Transfer to Capital Fund	125,569,687	-	125,569,687	0.0%	83.3%	-
26. Furniture/Equip./Vehicle	50,000	-	50,000	0.0%	83.3%	-
Total Capital Reserve In (Out)	125,619,687	-	125,619,687	0.0%	83.3%	-
Total Expense & Transfers	809,588,891	519,335,795	290,253,096			31,307,082
Net	-	166,411,540	(166,411,540)			

**Regional Measure 2 Operating Budget
As of April 2017 (\$000)**

	Project Title	Total Budget	Allocation	Actual	Encumbrance	Balance Remaining
1	Richmond Bridge Express Bus	2,474	2,474	1,152	1,322	-
2	Napa Vine Service	426	426	299	127	-
3	Express Bus North - serving SFOBB, Dumbarton, San Mateo bridges	3,751	3,659	2,761	898	92
4	Express Bus South - serving Carquinez and Benicia Bridges	7,074	6,904	6,147	757	170
5	Dumbarton Bus	3,017	2,817	2,593	224	200
6	WETA Ferry Operations	16,500	16,500	11,420	5,080	-
7	Owl Service - BART Corridor	2,004	1,827	1,622	205	177
8	MUNI Metro 3rd St	2,500	2,500	2,500	-	-
9	AC Enhanced Bus Service	3,000	3,000	2,750	250	-
11	Water Emergency Transportation Authority Regional Planning	3,000	3,000	2,354	646	-
	Subtotal for Operating Assistance Program	43,746	43,107	33,597	9,510	639
N/A	Clipper Marketing	2,950	-	1,351	4	1,595
N/A	511 Real Time Transit	150	-	-	-	150
N/A	Seamless Transit Map	150	-	-	150	-
N/A	Regional Resource Center	100	-	60	40	-
N/A	New SMART Service	100	-	-	100	-
N/A	Late Night Service	150	-	-	150	-
N/A	New or Expanded Transit Service	150	-	-	-	150
	Total for Clipper and RM2 Marketing	3,750	-	1,411	444	1,895
	Total	\$47,496	\$43,107	\$35,008	\$9,954	\$2,534

Regional Measure 2 Project Budget

As of April 2017 (\$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	-	-	\$3,000
2	SF MUNI Metro 3rd Street LRT Extension	30,000	30,000	-	-
3	MUNI Historic Streetcar Expansion (E-Line)	10,000	10,000	0	-
4	Dumbarton Commuter Rail Service ^{i,iv,xii}	9,157	8,932	33	192
5	Vallejo Ferry Intermodal Station ^v	26,000	24,409	418	1,173
6	Solano County Express Bus Intermodal Facilities ^{vi}	12,251	12,221	30	-
7	Solano County Corridor Improvements near I-80 / I-680 Interchange	100,000	93,785	6,215	-
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	865	708	2,277
10	SMART Extension to Larkspur ^{ii,vii}	56,500	38,592	17,908	-
11	Greenbrae Interchange Improvement ^{ii,viii}	43,500	21,849	6,711	14,941
12	Direct HOV lane connector from I-680 to the Pleasant Hill BART ^{ix}	20,425	11,246	4,496	4,683
13	Rail Extension to East Contra Costa/E-BART	96,000	90,743	5,257	-
14	Capitol Corridor Improvements in Interstate-80/Interstate 680 Corridor ^{vi,x}	35,950	29,467	6,483	-
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	18,719	80	-
18	Clipper	22,000	20,710	1,270	20
19	Real-time transit information	20,000	19,284	716	-
20	Safe Routes to Transit	22,500	16,708	5,606	186
21	BART Tube Seismic Retrofit	33,801	33,801	-	-
22	Transbay Terminal/Downtown Extension	150,000	147,899	2,101	-
23	Oakland Airport Connector	115,199	115,199	-	-
24	AC Transit Enhanced Bus - Phase 1 (International Blvd/Telegraph Ave. Corridor) ^{vii}	77,760	33,776	43,984	-
25	Commute Ferry Service for Alameda/Oakland/Harbor Bay	12,000	8,647	3,353	-
26	Commute Ferry Service for Berkeley/Albany	12,000	2,075	9,925	-
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	27,853	20,147	-
29	Regional Express Bus South - Remaining Projects ^{iv,vii,xi}	33,933	27,225	4,219	2,489
30	I-880 North Safety Improvements ^{xi}	12,300	11,309	991	-
31	BART Warm Springs Extension ⁱ	186,000	165,936	20,064	-
32	I-580 (Tri Valley) Rapid Transit Corridor Improvements	65,000	50,806	2,199	11,995
33	Regional Rail Master Plan	6,500	6,062	395	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	24,000	23,613	387	-
38	Regional Express Lane Network ⁱⁱⁱ	4,825	-	4,826	-
39	Modifications in I-80 and San Pablo ⁱⁱⁱ	8,000	7,437	563	-
40	Caltrain Electrification ^{viii,xii}	20,000	-	20,000	-
Total		\$1,515,000	\$1,282,679	\$191,324	\$41,000

ⁱ Allocated \$91 million from the Dumbarton Commuter Rail Service to the BART to

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

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 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: Reginal Express Bus South program
^v \$2,000	Program 5: Vallejo Ferry Intermodal Station	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

Shaded projects are completed

Rehab Project Budget

As of April 2017 (\$000) - Life to Date

Program #	Program	Total Budget	Total Expenses	Encumbrance	Balance Remaining
6812	Benicia-Martinez Bridge Rehab	2,927	1,907	-	1,020
6813	Carquinez Bridge Rehab	35,080	34,410	-	670
6814	Richmond-San Rafael Bridge Rehab	66,610	52,801	-	13,809
6825	San Francisco-Oakland Bay Bridge Rehab	184,069	155,198	-	28,871
6826	San Mateo-Hayward Bridge Rehab	109,697	74,631	1	35,066
6827	Dumbarton Bridge Rehab	4,792	4,792	-	-
6828	All Bridges Rehab	64,834	60,204	-	4,630
6829	Caltrans Reserve	1,968	4	-	1,964
8030	Completed/Defunded/Transferred Projects	117,302	116,626	-	676
8033	Minor Toll Plaza Rehab Projects	935	935	-	-
8210	New Benicia Bridge *	1,715	503	-	1,212
8315	Site Mitigation & Landscaping	154	83	-	71
8615	I-880/SR-92 Landscaping**	6,640	5,469	-	1,171
8629	Minor Bridge Rehab Projects	159	45	-	114
8637	Bay Trail Improvements	115	-	-	115
TOTAL CALTRANS REHAB BUDGET		596,997	507,608	1	89,389
8012	All Electronic Tolling Study	703	690	10	3
8528	Bay Lights Maintenance	320	145	15	160
8530	Drainage Studies for the Bridge	500	184	116	200
8531	Benicia New Toll Plaza ORT	4,153	4,153	-	-
8539	SFOBB Eyebars Repair Review	2,914	2,660	254	-
8540	Regional Transportation Sea Level Rise Asset	2,000	-	-	2,000
8594	SFOBB West Span Pathway PSR	12,300	9,905	1,645	750
8602	Hybrid/ETC Lane Modifications	874	874	-	-
8631	Procure New Callboxes	2,344	2,344	-	-
8900	ETC Regional CSC Development	14,358	11,046	2,941	371
8901	ETC Transponder Procurement	70,931	67,172	2,070	1,689
8902	Future CSC Upgrades/Replacement	20,950	17,253	2,188	1,509
8903	ATCAS Lane Host Upgrades	33,605	31,650	292	1,663
8904	Fastrak Sign & Sign Structure Improvements	29,510	29,336	174	-
8905	Misc. Bridge Improvements	13,909	5,328	704	7,877
8907	Toll Plaza Capital Improvements	18,448	12,995	3,908	1,545
8908	Enterprise Computing HW/SW	4,035	2,598	140	1,297
8909	Gateway Park Planning	30,113	15,071	840	14,202
8912	ETC Transponder Tag Swap	2,137	1,929	208	-
8913	SFOBB Administration Building	25,619	25,220	-	399
8914	Violation Enforcement System Upgrade	7,842	7,841	-	-
8916	Bay Crossing Study	540	540	-	-
8917	IT Security Procedures & Policies	750	96	1	653
8918	Maintenance Complex	531	444	41	46
8920	Plaza and Canopy Improvements	9,263	8,545	25	693
8921	SFOBB Lane 17 & 18 Lane Reconfiguration	3,575	1,664	43	1,868
8922	Metering Lights Replacement	8,930	633	2,450	5,847
8923	Bridge Records Recordation and Storage	500	55	-	445
8924	Antioch Bridge Approach	50,000	48,164	1,746	90
8926	Bridge Modeling & Investigations	5,801	582	368	4,851
8927	CCTV Installation	6,000	-	-	6,000
8928	BATA Program Contingency	3,259	-	-	3,259
8930	Richmond-San Rafael Bridge Rehab	65,790	11,915	33,200	20,675
8933	Plan Bay Area TMS	9,000	828	5,562	2,610
8934	Temp License Plate System Implementation	500	-	-	500
8935	Communications in Bridge Corridors	2,500	-	-	2,500
8936	Backhaul Connection Infrastructure	1,000	452	397	151
8000-05	Capital Program Audit	8,300	6,098	521	1,681
8000-16	SRA/RM1 Program Monitoring	46,045	44,443	191	1,411
Total BATA REHAB BUDGET		519,849	372,853	60,050	86,945
TOTAL REHAB BUDGET		1,116,846	880,461	60,051	176,334

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 April 2017 (\$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	\$ 6,503,200	\$ 6,278,928	\$ 224,272	\$ -
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	459,500	450,383	9,117	-
8100 Antioch Bridge Retrofit	-	71,100	71,093	7	-
8122 Dumbarton Bridge Retrofit	-	112,400	112,307	93	-
8112 Richmond-San Rafael Bridge Retrofit ***	808,100	795,200	794,870 ***	330	-
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	8,702,164	8,468,332	233,832	-
8128 Misc Program Costs	30,000	30,000	26,024	3,976	-
## Program Contingency**	989,000	40,906	-	40,906	-
8124 Vincent Thomas Bridge Retrofit (non-BATA, for information	58,500	58,510	58,411	99	-
8127 San Diego-Coronado Bridge Retrofit (non BATA, for	103,500	103,520	103,235	285	-
Subtotal for Other Bridges	162,000	162,030	161,646	384	-
Total for Toll Bridge Seismic Retrofit Program	\$ 8,668,100	\$ 8,935,100	\$ 8,656,002	\$ 279,098	\$ -

*Includes pre AB144 LTD expenses from Caltrans to April 2006 3,709,068
Bata expenses from May 2006 to current 4,946,934
8,656,002

**** Contingency Allocation**

Contingency per Budget	989,000
Allocation to SFO BB East Span Repl 7/07	(179,220)
Allocation to Benicia-Martinez 7/07	(30)
Allocation to San Mateo-Hayward 7/07	(10)
Allocation to Vincent Thomas 7/07	(10)
Allocation to San Diego-Coronado 7/07	(20)
Unallocate from Carquinez 7/07	70
Allocation to SFO BB West Approach 3/26/08	(24,700)
Allocation to SFO BB East Span Repl 7/08	(36,290)
Unallocate from Richmond SR 7/08	8,500
Allocations to SFOBB West Approach 12/17/08	(17,000)
Allocation to SFOBB East Span Replacement 12/09	(50,600)
Allocation for Antioch Contingency 1/10	72,000
Allocation for Dumbarton Contingency 1/10	118,000
Allocation to SFOBB East Span Replacement 7/10	(138,390)
Unallocate from SFOBB West Approach 7/10	3,000
Unallocate from Antioch Contingency 7/10	(43,000)
Allocate to SFOBB East Span 9/10	(293,080)
Allocate to SFOBB East Span 3/23/11	(106,200)
Allocate to SFOBB East Span 6/27/12	(14,450)
Allocate to SFOBB West Approach 6/27/12	(1,000)
Allocate to Carquinez 6/27/12	(70)
Unallocate from SFOBB East Span 11/28/12	17,230
Unallocate from SFOBB West Span 11/28/12	2,584
Allocate to SFOBB West Approach 11/28/12	(1,000)
Allocate to Carquinez 11/28/12	(6)
Unallocate from San Mateo-Hayward 11/28/12	98
Unallocate Antioch Bridge 11/28/12	19,000
Unallocate Dumbarton Bridge 11/28/12	300
Allocate to SFOBB East Span 2/27/13	(5,569)
Allocate to Transit Core Capacity Challenge Grant 12/18/13	(130,000)
Allocate to SFOBB East Span 7/1/14	(103,800)
Unallocate Antioch Bridge 7/1/15	10,900
Unallocate Dumbarton Bridge 7/1/15	34,500
Allocate to SFOBB East Span 3/23/16	(58,131)
Allocate to SFOBB East Span 7/1/16	(6,000)
Allocate to SFOBB East Span 10/26/16	(25,700)
Remaining Balance	40,906

Shaded projects are completed

***Moved \$16.9 million from Richmond-San Rafael Bridge Retrofit Budget to RM 1.

****Feburary financial reflects budget update approved on 3/23/16

AB 1171 Project Budget

As of April 2017 (\$000) - Life to Date

Project Title	Total Budget	Allocation	Actual	Encumbrance	Balance Remaining
Doyle Drive Replacement	80,000	80,000	78,757	1,243	-
East Contra Costa BART Extension	111,500	111,500	107,002	4,498	-
Transbay Terminal/Downtown Extension:Phase 1	150,000	148,800	146,785	2,015	1,200
Tri-Valley Transit Access Improve. To BART	95,000	11,732	8,632	3,100	83,268
Regional Express Lane Network	2,800	2,800	2,800	-	-
Fairfield/Vacaville Train Station	9,000	9,000	5,080	3,920	-
I80/680 Interchange	100,000	100,000	96,206	3,794	-
Other Corridor Improvement	10,200	10,150	10,150	-	50
VTA Mission/Warren/Truck Rail Facility	6,500	6,500	-	6,500	-
BART to Warm Spring Extension	5,000	5,000	4,736	264	-
Total	\$570,000	\$485,482	\$460,149	\$25,333	\$84,518

AB 1171 Program Budget:	\$570,000
Approved Projects:	\$485,482
AB 1171 Program Balance:	<u>\$84,518</u>

Shaded projects are completed

Other Capital Projects

As of April 2017 (\$000) - Life to Date

					Balance
Project Title		Total Budget	Actual	Encumbrance	Remaining
6840	Program Costs: Planning, Coordination & Management	28,437	14,533	2,059	11,845
6841	Centralized Toll System	33,574	13,541	17,059	2,974
6842	CC-680 Southern Segment Conversion	55,649	39,099	13,247	3,303
6843	Capitalized Start-up O&M	16,000	958	12,981	2,061
6844	ALA-880 Conversion	77,779	30,011	32,096	15,672
6845	CC-680 Northern Segment - Southbound Conversion	32,288	2,458	2,307	27,523
6846	SOL-80 West Conversion	2,852	308	778	1,765
6847	Program Contingency	59,801	-	-	59,801
6848	CC-680 Northern Segment - Southbound HOV Completion	19,000	-	-	19,000
6849	SOL-80 East Express Lane Conversion	16,114	3,994	9,636	2,484
6851	84/Dumbarton Bridge	323	323	-	-
6852	92/San Mateo Bridge	369	369	-	-
849	Express Lanes Total	\$342,186	\$105,596	\$90,162	\$146,429
847	Core Capacity Challenge	250,000	-	34,821	215,179
Grand Total		\$592,186	\$105,596	\$124,983	\$361,608



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 17-2605 **Version:** 1 **Name:**

Type: Contract **Status:** Consent

File created: 5/12/2017 **In control:** Bay Area Toll Authority Oversight Committee

On agenda: 6/14/2017 **Final action:**

Title: Contract Amendment - Collection Services: Law Enforcement Systems, LLC (\$1,000,000)

Sponsors:

Indexes:

Code sections:

Attachments: [4c_ContractAmend_LES.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:
Contract Amendment - Collection Services: Law Enforcement Systems, LLC (\$1,000,000)

Presenter:
Gary Louie

Recommended Action:
Committee Approval



BAY AREA TOLL AUTHORITY
 Bay Area Metro Center
 375 Beale Street
 San Francisco, CA 94105
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Memorandum

TO: BATA Oversight Committee

DATE: June 7, 2017

FR: Executive Director

W. I. 1254

RE: Contract Amendment – Collection Services: Law Enforcement Systems, LLC (\$1,000,000)

This memorandum asks for Committee approval of a \$1,000,000 contract amendment with Law Enforcement Systems, LLC (LES) to provide funding for collection services on toll violations and delinquent FasTrak® accounts through June 30, 2019, increasing the contract to an amount not to exceed total of \$6,300,000. Individual year amounts will be subject to approval of future BATA budgets.

Summary

In March 2014, following a competitive procurement, the BATA Oversight Committee approved a contract for LES to perform collection services on toll violations and delinquent FasTrak® accounts for a five-year term through June 30, 2019, with an option to extend for an additional five years in one-year increments. LES is paid out of its recoveries: 25% on violations and closed delinquent accounts.

Since the approval of the contract, collection services have steadily increased.

Expenditure to date is as follows:

Paid FY2014-15	\$735,232
Paid FY2015-16	\$1,095,254
Estimated FY2016-17	\$1,200,000
Estimated FY2017-18	\$1,400,000
Estimated FY2018-19	\$1,400,000

The contract currently has \$1,000,000 allocated for fiscal year (FY) 2016-17. Staff anticipates the need for an additional \$200,000 through the end of the fiscal year. In the following fiscal years, collections are expected to increase when violations from Bay Area Infrastructure Financing Authority and Alameda County Transportation Commission regional express lanes become delinquent. Staff is seeking approval to increase the annual budget for FY16-17 from \$1,000,000 to \$1,200,000 and to increase the annual budgets for FY17-18 and FY18-19 from \$1,000,000 to \$1,400,000 annually. In effect, the total budget for the contract will increase from \$5,300,000 to \$6,300,000.

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

Recommendation

Staff recommends that this Committee authorize the Executive Director or his designated representative to negotiate and enter into a contract amendment with LES to provide funding for continued professional collection services through June 30, 2019, in an amount not to exceed \$1,000,000, subject to approval of future BATA Budgets.



Steve Heminger

SH:gl
Attachment

J:\COMMITTEE\BATA Oversight\2017\06 Jun'2017_BATA Oversight_Committee\4c_ContractAmend_LES_Memo.docx

Attachment A

			DBE* Firm			SBE** Firm		
	Firm Name	Role on Project	Yes	If Yes, List #	No	Yes	If Yes, List #	No
Prime Contractor	Law Enforcement Systems, LLC	Collections Services			X			X
Subcontractor	Greenbaum Law Group	Legal Collections			X			X
Subcontractor	Profession Account Management, LLC	Collections Services			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 Amendment

Work Item No.:	1254
Vendor:	Law Enforcement Systems, LLC Milwaukee, WI
Work Project Title:	Collection Services
Purpose of Project:	Collection services for toll violations and delinquent FasTrak [®] accounts through FY 2018-19
Brief Scope of Work:	Perform collection services for delinquent FasTrak [®] accounts and for toll violations occurring on the seven state-owned Bay Area bridges, Golden Gate Bridge and regional express lanes.
Project Cost Not to Exceed:	This amendment: \$1,000,000. Total contract value before this amendment: \$5,300,000. Total value of contract after amendment: \$6,300,000.
Funding Source:	BATA violation revenue
Fiscal Impact:	\$200,000 in funds is included in the BATA Operating Budget for FY 2016-17; the balance of \$800,000 is subject to approval of the FY 2016-17 and future BATA Budgets.
Motion by Committee:	That the Executive Director or his designee is authorized to negotiate and enter into a contract amendment with Law Enforcement Systems, LLC for the services described above and in the Executive Director's Memorandum dated June 7, 2017, and the Chief Financial Officer is authorized to set aside funds in the amount of \$200,000 for FY16-17 and \$400,000 for each of the fiscal years FY 2017-18 and FY 2018-19, subject to the approval of future BATA Budgets.
BATA Oversight Committee:	<hr/> Amy R. Worth, Chair
Approved:	Date: June 14, 2017



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 17-2606 **Version:** 1 **Name:**

Type: Contract **Status:** Consent

File created: 5/12/2017 **In control:** Bay Area Toll Authority Oversight Committee

On agenda: 6/14/2017 **Final action:**

Title: Purchase Orders - ATCAS Hardware/Software Maintenance/Network Services: SSP Data, AT&T, Hewlett Packard Enterprise Company (\$820,000 combined)

Sponsors:

Indexes:

Code sections:

Attachments: [4d_PurchaseOrder_SSPData_AT&T_HPE.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

Purchase Orders - ATCAS Hardware/Software Maintenance/Network Services: SSP Data, AT&T, Hewlett Packard Enterprise Company (\$820,000 combined)

Presenter:

Mark Dinh

Recommended Action:

Committee Approval



BAY AREA TOLL AUTHORITY

Bay Area Metro Center

375 Beale Street

San Francisco, CA 94105

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WEB www.mtc.ca.gov

Memorandum

TO: BATA Oversight Committee

DATE: June 7, 2017

FR: Executive Director

W. I. 1252

RE: Purchase Orders – ATCAS Hardware/Software Maintenance/Network Services: SSP Data, AT&T, Hewlett Packard Enterprise Company (\$820,000 combined)

This item would authorize the Executive Director or his designee to issue three purchase orders related to annual hardware and software maintenance and network services for the Advanced Toll Collection and Accounting System (ATCAS) on the seven state-owned toll bridges. Each vendor will be procured using a collaborative intergovernmental procurement agreement (IPA), which satisfies BATA's procurement requirements. Descriptions of the three purchase orders are as follows:

- i.) **ATCAS Network Maintenance – SSP Data (\$120,000):** ATCAS runs on a data network connecting the seven toll plazas, BATA headquarters, and the FasTrak[®] Customer Service Center (CSC). Cisco routers, switches, and firewalls are used throughout the network. A hardware and software maintenance agreement is needed to ensure that BATA has timely access to hardware component replacement and software updates. The estimated cost of the hardware and software maintenance services is \$120,000 and will be procured from SSP Data, an authorized Cisco reseller, through a purchase order using the General Services Administration (GSA) IPA.
- ii.) **Telecommunications – AT&T (\$450,000):** The ATCAS network utilizes AT&T wide-area network services to transport FasTrak[®] data from each of the seven toll plazas to BATA headquarters and the FasTrak[®] CSC. The estimated cost of network services from AT&T is \$450,000 and will be procured through a purchase order using the CalNet 3 IPA.
- iii.) **Hardware Maintenance – Hewlett Packard Enterprise Company (\$250,000):** The ATCAS computing environment consists of Hewlett Packard hardware located at each toll plaza and BATA headquarters. A hardware maintenance agreement (covering servers, disk storage, and tape backup) is necessary to ensure that BATA has timely access to hardware component replacement including related software and firmware updates and licensing. The estimated cost of the hardware maintenance services is \$250,000 and will be procured through a purchase order using the Western States Contracting Alliance - National Association of State Procurement Officials (WSCA-NASPO) IPA.

BATA staff has procured similar services each fiscal year utilizing the same IPA. A summary table is included below for reference:

	<u>FY2014-2015</u>	<u>FY2015-2016</u>	<u>FY2016-2017</u>	<u>FY2017-2018</u> <u>request</u>
ATCAS Network Maintenance (SSP Data)	\$250,000	\$150,000	\$120,000	\$120,000
Telecommunications (AT&T)	\$550,000	\$550,000	\$500,000	\$450,000
Hardware Maintenance (HPE)	\$250,000	\$250,000	\$250,000	\$250,000

Attachment A includes a summary of the small business and disadvantaged business enterprise status for SSP Data, AT&T, and Hewlett Packard Enterprise Company.

Recommendation

Staff recommends that the Committee authorize the Executive Director or his designee to issue three purchase orders for services related to the maintenance of the ATCAS toll collection system in amounts not to exceed \$120,000 to SSP Data for network and maintenance services, \$450,000 to AT&T for telecommunications services, and \$250,000 to Hewlett Packard Enterprise Company for hardware maintenance, subject to the approval of the FY 2017-18 Toll Bridge Program Operating Budget.



Steve Heminger

SH:md
Attachment

Attachment A

			DBE* Firm			SBE** Firm		
	Firm Name	Role on Project	Yes	If Yes, List #	No	Yes	If Yes, List #	No
Prime Contractor	SSP Data	Cisco hardware reseller			X	X	56663	
Prime Contractor	AT&T	Network service provider			X			X
Prime Contractor	Hewlett-Packard Enterprise Company	Computing hardware			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 Purchase Order

Work Item No.:	1252
Vendor:	SSP Data, Richmond, CA
Work Project Title:	Advanced Toll Collection and Accounting System
Purpose of Project:	Software and hardware maintenance agreement
Brief Scope of Work:	Provide software and hardware maintenance for Cisco networking equipment.
Project Cost Not to Exceed:	\$120,000
Funding Source:	Toll Bridge Program Operating Budget
Fiscal Impact:	Funds to be included in the FY 2017-18 Toll Bridge Program Operating Budget, subject to approval.
Motion by Committee:	That the Executive Director or his designee is authorized to issue a purchase order to SSP Data to provide the services described above and in the Executive Director's memorandum dated June 7, 2017, and the Chief Financial Officer is authorized to set aside funds in the amount of \$120,000 for such purchase order, subject to the approval of the FY 2017-18 Toll Bridge Program Operating Budget.

BATA Oversight Committee:

Amy R. Worth, Chair

Approved: Date: June 14, 2017

REQUEST FOR COMMITTEE APPROVAL
Summary of Proposed Purchase Order

Work Item No.:	1252
Vendor:	AT&T, Aurora, IL
Work Project Title:	Advanced Toll Collection and Accounting System
Purpose of Project:	Monthly service cost for network telecommunications
Brief Scope of Work:	Provide network telecommunications.
Project Cost Not to Exceed:	\$450,000
Funding Source:	Toll Bridge Program Operating Budget
Fiscal Impact:	Funds to be included in the FY 2017-18 Toll Bridge Program Operating Budget, subject to approval.
Motion by Committee:	That the Executive Director or his designee is authorized to issue a purchase order to AT&T for network telecommunications services as described above and in the Executive Director's memorandum dated June 7, 2017, and the Chief Financial Officer is authorized to set aside funds in the amount of \$450,000 for such purchase order, subject to the approval of the FY 2017-18 Toll Bridge Program Operating Budget.

BATA Oversight Committee:

Amy R. Worth, Chair

Approved: Date: June 14, 2017

REQUEST FOR COMMITTEE APPROVAL
Summary of Proposed Purchase Order

Work Item No.:	1252
Vendor:	Hewlett Packard Enterprise Company, Roseville, CA
Work Project Title:	Advanced Toll Collection and Accounting System
Purpose of Project:	Computer hardware maintenance agreement
Brief Scope of Work:	Provide hardware maintenance support for Hewlett Packard systems.
Project Cost Not to Exceed:	\$250,000
Funding Source:	Toll Bridge Program Operating Budget
Fiscal Impact:	Funds to be included in the FY 2017-18 Toll Bridge Program Operating Budget, subject to approval.
Motion by Committee:	That the Executive Director or his designee is authorized to issue a purchase order to Hewlett Packard Enterprise Company for the services described above and in the Executive Director's memorandum dated June 7, 2017, and the Chief Financial Officer is authorized to set aside funds in the amount of \$250,000 for such purchase order, subject to the approval of the FY 2017-18 Toll Bridge Program Operating Budget.
BATA Oversight Committee:	<hr/> Amy R. Worth, Chair
Approved:	Date: June 14, 2017



Metropolitan Transportation Commission

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Legislation Details (With Text)

File #: 17-2607 **Version:** 1 **Name:**

Type: Contract **Status:** Consent

File created: 5/12/2017 **In control:** Bay Area Toll Authority Oversight Committee

On agenda: 6/14/2017 **Final action:**

Title: Contract Amendment - Construction and Maintenance Zone Enhanced Enforcement Program:
California Highway Patrol (CHP) (\$1,355,000)

Sponsors:

Indexes:

Code sections:

Attachments: [4e_ContractAmend_CHP.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) (\$1,355,000)

Presenter:
Angela Louie

Recommended Action:
Committee Approval



BAY AREA TOLL AUTHORITY
Bay Area Metro Center
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Memorandum

TO: BATA Oversight Committee

DATE: June 7, 2017

FR: Executive Director

W. I. 1251

RE: Contract Amendment – Construction and Maintenance Zone Enhanced Enforcement Program: California Highway Patrol (CHP) (\$1,355,000)

This item would authorize the Executive Director or his designee to negotiate and enter into a contract amendment with the California Highway Patrol (CHP) in an amount not to exceed \$1,355,000 through October 31, 2020 to provide traffic control services for the construction and maintenance zone enhanced enforcement program (COZEEP/MAZEEP) and to assist with toll violation and bridge carpool lane enforcement, subject to the approval of future BATA budgets.

Background

In July 2011 and June 2016, the BATA Oversight Committee authorized a contract and a subsequent contract amendment 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. The contract also provides for enhanced toll violation and bridge carpool lane enforcement on the toll bridges and approaches. The current contract will expire in October 2018.

CHP construction and maintenance zone enhanced enforcement services have been successful and essential in maintaining safe work zones for staff at BATA and BAIFA construction projects, including the I-680 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 several years in addition to providing MAZEEP for on-going BATA maintenance work, there is an additional need for COZEEP and MAZEEP for the following projects: construction of the BAIFA I-880 Express Lanes in Alameda County and maintenance for the I-880 Traffic Operations System (TOS) Device Maintenance, Diagnostic and Repair Services project along the entire I-880 corridor.

Contract Amendment Request

Staff is requesting a contract amendment with the CHP in an amount not to exceed \$1,355,000 to reimburse the CHP for traffic control and enforcement services 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 below by assignment.

Assignment	Duration	Estimated Cost
1. BAIFA I-880 Express Lanes Construction	July 2017 to December 2019	\$1,155,000
2. BATA I-880 TOS Maintenance	July 2017 to January 2019	\$200,000

Staff is also requesting that the contract be extended for a period of two years through October 31, 2020. Future amendments and extensions may be requested to accommodate additional needs during the construction of the BAIFA I-880 Express Lanes Project in Alameda County. Future amendments may also include dividing this contract into multiple contracts to separate out the costs for the I-880 Express Lanes Project.

Recommendation

Staff recommends that the Committee authorize the Executive Director or his designee to negotiate and enter into a contract amendment with CHP in an amount not to exceed \$1,355,000 to provide traffic control and enforcement services, subject to the approval of future BATA budgets, as well as extend the contract through October 31, 2020.



Steve Heminger

SH:al

REQUEST FOR COMMITTEE APPROVAL
Summary of Proposed Contract Amendment

Work Item No.:	1251
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:	Reimbursable Services Agreement
Purpose of Project:	To provide traffic control services for construction and maintenance projects and toll violation and bridge carpool lane enforcement services.
Brief Scope of Work:	Reimburse CHP for providing traffic control services for construction and maintenance projects and toll violation and bridge carpool lane enforcement services.
Project Cost Not to Exceed:	This Amendment - \$1,355,000 Current Contract Amount - \$2,450,000 New Total Maximum Contract Amount - \$3,805,000
Funding Source:	Express Lanes Capital Project Budget (\$1,155,000) Toll Bridge Rehabilitation Program Budget (\$200,000)
Fiscal Impact:	Funds to be included in the Toll Bridge Rehabilitation Program and Express Lanes Capital Project Budgets, subject to approval.
Motion by Committee:	That the Executive Director or his designee is authorized to negotiate and enter into a contract amendment with the CHP, as described above and in the Executive Director's memorandum dated June 7, 2017, and the Chief Financial Officer is directed to set aside funds in the amount of \$1,355,000 for such contract amendment, subject to the approval of future BATA budgets.
BATA Oversight Committee:	<hr/> Amy R. Worth, Chair
Approved:	Date: June 14, 2017



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 17-2608 **Version:** 1 **Name:**
Type: Contract **Status:** Consent
File created: 5/12/2017 **In control:** Bay Area Toll Authority Oversight Committee
On agenda: 6/14/2017 **Final action:**
Title: Funding Agreement - Bridge Yard Building Operations and Maintenance: East Bay Regional Park District (\$750,000)
Sponsors:
Indexes:
Code sections:
Attachments: [4f_FundingAgreement_EBRPD.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:
Funding Agreement - Bridge Yard Building Operations and Maintenance: East Bay Regional Park District (\$750,000)

Presenter:
Peter Lee

Recommended Action:
Committee Approval



BAY AREA TOLL AUTHORITY
Bay Area Metro Center
375 Beale Street
San Francisco, CA 94105
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WEB www.mtc.ca.gov

Memorandum

TO: BATA Oversight Committee

DATE: June 7, 2017

FR: Deputy, Executive Director Operations

W. I. 1256

RE: Funding Agreement – Bridge Yard Building Operations and Maintenance: East Bay Regional Park District (\$750,000)

This item would authorize the Executive Director or his designee to negotiate and enter into a funding agreement with the East Bay Regional Park District (EBRPD) for the operations and maintenance of the San Francisco-Oakland Bay Bridge (SFOBB) Bridge Yard Building, in an amount not to exceed \$150,000 per year for a five year term commencing in FY 2017-18, subject to the approval of future BATA budgets.

The Bridge Yard Building, commonly known as the “sawtooth” building near the Bay Bridge Toll Plaza, had housed Caltrans bridge painting and warehousing activities. These activities have been relocated to a recently completed maintenance complex nearby. With intentions of opening the building for use and enjoyment of the general public and as a rest stop along the Bay Bridge bicycle/pedestrian path, BATA recently completed the seismic retrofit upgrade and initial renovation for building code conformance.

Consistent with those intentions and with EBRPD’s plans to develop Gateway Park, BATA and Caltrans have negotiated the necessary agreements with EBRPD to facilitate its role as the operator of the Bridge Yard Building and adjoining parking lot. First, the Bridge Yard Building will be leased to EBRPD by Caltrans. Second, BATA will assist EBRPD with funding for building operations and maintenance. EBRPD would provide security and maintenance and will seek a concessionaire to fully activate public use of the facility.

Recommendation

Staff recommends that the Committee authorize the Executive Director or his designee to negotiate and enter into a funding agreement in an amount not to exceed \$150,000 per year for a five year term (a total of \$750,000) with the East Bay Regional Park District for operations and maintenance of the Bridge Yard Building, subject to the approval of future BATA budgets.

A handwritten signature in blue ink, appearing to read "Andrew B. Fremier", is written over a horizontal line.

Andrew B. Fremier

SH:rc

J:\COMMITTEE\BATA Oversight\2017\06 Jun'2017_BATA Oversight_Committee\4f_FundingAgreement_EBRPD.docx

REQUEST FOR COMMITTEE APPROVAL
Summary of Proposed Funding Agreement

Work Item No.:	1251
Agency	East Bay Regional Park District Oakland, CA
Work Project Title:	Bridge Yard Building
Purpose of Project:	To operate and maintain the Bridge Yard Building for public use and access.
Project Cost Not to Exceed:	\$150,000 per year for five years for a total of \$750,000
Funding Source:	BATA Operating Budget
Fiscal Impact:	Funds in the amount of \$150,000 per year for 5 years for a total of \$750,000 to be included in future BATA Operating Budgets commencing in FY 2017-18, subject to budget approval
Motion by Committee:	<p>That the Executive Director or his designee is authorized to negotiate and enter into a funding agreement in an amount not to \$150,000 per year for five years for a total of \$750,000 with the East Bay Regional Parks District, as described above and in the Deputy Executive Director's memorandum dated June 7, 2017; and</p> <p>That the Chief Financial Officer is directed to set aside funds in the amount of \$150,000 per year for five years for a total of \$750,000, subject to the approval of future BATA budgets.</p>
BATA Oversight Committee:	<hr/> Amy R. Worth, Chair
Approved:	Date: June 14, 2017



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 17-2609 **Version:** 1 **Name:**
Type: Contract **Status:** Consent
File created: 5/12/2017 **In control:** Bay Area Toll Authority Oversight Committee
On agenda: 6/14/2017 **Final action:**
Title: Contract Amendment - I-580 Richmond San Rafael Bridge Access Improvement Project: On-Call Design Services -Additional Design Services During Construction and Traffic Operation Analysis: HNTB Corporation (\$1,439,000)

Sponsors:

Indexes:

Code sections:

Attachments: [4g_ContractAmend_HNTB.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

Contract Amendment - I-580 Richmond San Rafael Bridge Access Improvement Project: On-Call Design Services -Additional Design Services During Construction and Traffic Operation Analysis: HNTB Corporation (\$1,439,000)

Presenter:

Chris Lillie

Recommended Action:

Committee Approval



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Memorandum

TO: BATA Oversight Committee

DATE: June 7, 2017

FR: Deputy Executive Director, Operations

W. I. 1256

RE: Contract Amendment – I-580 Richmond San Rafael Bridge Access Improvement Project: On-Call Design Services –Additional Design Services During Construction and Traffic Operation Analysis: HNTB Corporation (\$1,439,000)

This item would authorize a contract amendment with HNTB Corporation (HNTB) for on-call design services in an amount not to exceed \$1,439,000. These additional services are required for the completion of the I-580 Corridor Access Improvement Project (the Project).

Background

In January 2014, after a competitive procurement, the BATA Oversight Committee approved a pool of eight firms to provide on-call design services for a two-year period with an option to extend for an additional two-year term. On January 27, 2014, BATA staff issued a Request for Qualifications to all eight on-call design firms to assist with the Project. Staff received Statements of Qualifications from HNTB and WMH Corporation. A review panel comprised of staff members from BATA, Caltrans and the Transportation Authority of Marin selected HNTB in response to the competitive procurement. This Committee authorized a contract with HNTB on March 5, 2014.

HNTB has assisted BATA with the successful completion of the Project Study Report/Project Development Study, environmental documentation to satisfy NEPA/CEQA requirements, and the Project Report and is currently working to complete the Final Design for Construction Packages B and C. Construction Package B consists of modifications to the RSR Bridge railing, joints and the bicycle pedestrian path connections to the bridge (including the path along Francisco Boulevard in San Rafael). Package C consists of the fabrication and installation of the movable barrier system to be placed on the upper deck of the RSR Bridge. HNTB also completed final design for Construction Package A, which consists of the peak period use lane, or third lane, in the eastbound direction of the RSR Bridge.

Under this amendment, HNTB will assist BATA with additional design support during construction required for the completion of the Project. This amendment also includes funds to support completion of final design and will allow for splitting construction package B into two separate construction contracts. The contract which was formerly Construction Package B will become packages B1 and B2. B1 will be all of the improvements in Package B with the exception of the improvements along Francisco Boulevard in the city of San Rafael. The Francisco Boulevard improvements will become package B2.

HNTB will also provide BATA with support services for additional Right of Way activities necessary to obtain the construction permits for the project. These activities are within the scope of work outlined in the original procurement. The funds for this amendment are included in the FY 2016-17 BATA Toll Bridge

Rehabilitation Program Budget. The current schedule is to begin construction of packages B1 & C in the fourth quarter of 2017.

A more detailed list of the items covered by this amendment include: project management, PS&E support to split Construction Package B, additional bid support, additional design services during construction, lane use sign system design, and additional traffic studies.

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

Recommendation

Staff recommends that this Committee authorize the Executive Director or his designee to negotiate and enter into a contract amendment with HNTB in an amount not to exceed \$1,439,000 for continuing design services for the Project.



Andrew B. Fremier

SH:cl
Attachment

Attachment A
Small Business and Disadvantaged Business Enterprise Status

	Firm Name	Role on Project	DBE* Firm			SBE** Firm			Utilized on existing contract	Utilized on Amendment to complete final design
			Yes	DBE #	No	Yes	SBE #	No		
Prime Contractor	HNTB Corporation	Design Services			X			X	X	
Subcontractor	Associated Right of Way Services	Right of Way			X	X	30184		X	
	CirclePoint	Environmental Document			X	X	40528		X	
	Cogstone Resource Management, Inc.	Paleontology	X	33150		X	39024		X	
	Eisen Letunic	Stakeholder Coordination	X	35388				X	X	
	Far Western Anthropological Research Group, Inc.	Archaeology			X			X	X	
	Fehr & Peers	Traffic Analysis			X			X	X	
	Illingworth & Rodkins Inc.	Air Quality, Noise Analysis			X	X	15604		X	
	JRP Historical Consulting, LLC	Historic Resources			X	X	1509783		X	
	Mark Thomas & Company Inc.	Mapping/Surveying			X			X	X	X
	Parikh Consultants, Inc.	Geotechnical & Hazmat	X	20259		X	9631		X	X
	Parsons	Design Services			X			X		X
	WRECO	Hydraulics & Water Quality	X	30066		X	60800		X	X
	Y&C Transportation Consultants, Inc.	Electrical	X	28989		X	1545960			X
	Haygood + Associates	Visual Impact Studies	X	3171		X	10430			X
	Value Management Strategies, Inc.	Value Analysis			X			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 Amendment

Work Item No.:	1251
Vendor:	HNTB Corporation, Oakland, CA
Work Project Title:	On-Call Design Services: I-580 Richmond San Rafael Bridge Access Improvement Project
Purpose of Project:	To improve Interstate 580 to allow for a third eastbound lane across the Richmond San Rafael Bridge and access to the Richmond San Rafael Bridge for motorists, bicyclists and pedestrians.
Brief Scope of Work:	Complete final design and provide additional design services during construction to complete change orders associated with lane use traffic operations system required for the completion of the I-580 Corridor Access Improvement Project. This scope also includes additional traffic operations analyses.
Project Cost Not to Exceed:	This amendment - \$1,439,000 Current contract amount before this amendment - \$12,331,000 Maximum contract amount after the amendment - \$13,770,000
Funding Source:	Toll Bridge Rehabilitation Program Funds
Fiscal Impact:	Funds are included in the FY 2016-17 Toll Bridge Rehabilitation Program Budget.
Motion by Committee:	That the Executive Director or his designee is authorized to negotiate and enter into a contract amendment with HNTB Corporation to provide additional design services, as described above and in the Deputy Executive Director's memorandum dated June 7, 2017, and the Chief Financial Officer is authorized to set aside funds in the amount \$1,439,000 for such contract amendment.
BATA Oversight Committee:	<hr/> Amy R. Worth, Chair
Approved:	June 14, 2017



Metropolitan Transportation Commission

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San Francisco, CA 94105

Legislation Details (With Text)

File #: 17-2610 **Version:** 1 **Name:**
Type: Contract **Status:** Consent
File created: 5/12/2017 **In control:** Bay Area Toll Authority Oversight Committee
On agenda: 6/14/2017 **Final action:**
Title: Funding Agreement - Yerba Buena Island Southgate Road Realignment Project: San Francisco County Transportation Authority (\$2,371,000)
Sponsors:
Indexes:
Code sections:
Attachments: [4h_FundingAgreement_SFCTA.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:
Funding Agreement - Yerba Buena Island Southgate Road Realignment Project: San Francisco County Transportation Authority (\$2,371,000)

Presenter:
Peter Lee

Recommended Action:
Committee Approval



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Memorandum

TO: BATA Oversight Committee

DATE: June 7, 2017

FR: Executive Director

W. I. 1256

RE: Funding Agreement - Yerba Buena Island Southgate Road Realignment Project:
San Francisco County Transportation Authority (\$2,371,000)

This item would authorize the Executive Director or his designee to negotiate and enter into a funding agreement with the San Francisco County Transportation Authority (SFCTA) for the design, oversight and construction of the Yerba Buena Island Southgate Road Realignment Project (the Project) in an amount not to exceed \$2,371,000.

The Project proposes to realign the I-80 eastbound off-ramp from the new east span of the San Francisco-Oakland Bay Bridge (SFOBB) and Southgate Road on Yerba Buena Island (YBI) to improve mobility for pedestrians, bicyclists, and vehicles to and from the SFOBB to YBI. The SFCTA evaluated the planned I-80 eastbound off-ramp configuration to be constructed as part of the SFOBB East Span Seismic Replacement Project, identified an alternative that better accommodates the new development on the island, and secured \$32.1 million in Federal Highway Bridge Program (HBP) and State Proposition 1B funds for the Project. The alternative project budget includes \$6,371,000 in BATA seismic retrofit funds to provide matching funds. These funds were originally allotted to the YBI 2 contract for the originally planned off-ramp reconfiguration work.

Last month, BATA retained HDR Engineering Inc. using \$4,000,000 of the matching funds to revalidate SFCTA's YBI Ramps Environmental Impact Report/Environmental Impact Statement (EIR/EIS) and provide professional and technical engineering services to prepare final design documents. The remaining \$2,371,000 in matching funds will be used by SFCTA for construction engineering, right-of-way and other support activities. The Project will be jointly managed by BATA and SFCTA. The SFCTA will advertise, award, and administer the construction of the Project.

Recommendation

Staff recommends that the Committee authorize the Executive Director or his designee to negotiate and enter into a funding agreement in an amount not to exceed \$2,371,000 with the SFCTA for the design, oversight and construction of the Project.


 Steve Heminger

SH:rc

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REQUEST FOR COMMITTEE APPROVAL
Summary of Proposed Funding Agreement

Work Item No.:	1256
Agency	San Francisco County Transportation Authority San Francisco, CA
Work Project Title:	Yerba Buena Island Southgate Road Realignment Project
Purpose of Project:	To improve mobility for pedestrians, bicyclists, and vehicles to and from the SFOBB to Yerba Buena Island.
Project Cost Not to Exceed:	\$2,371,000
Funding Source:	Toll Bridge Seismic Retrofit Program Funds
Fiscal Impact:	Funds in the amount of \$2,371,000 are included in the Toll Bridge Seismic Retrofit Capital Program Budget for FY 2016-17
Motion by Committee:	<p>That the Executive Director or his designee is authorized to negotiate and enter into a funding agreement in an amount not to exceed \$2,371,000 million with the San Francisco County Transportation Authority for the design, oversight and construction of the Yerba Buena Island Southgate Road Realignment Project, as described above and in the Executive Director's memorandum dated June 7, 2017; and</p> <p>That the Chief Financial Officer is directed to set aside funds in the amount of \$2,371,000 for such agreement.</p>
BATA Oversight Committee:	<hr/> Amy Rein Worth, Chair
Approved:	Date: June 14, 2017



Metropolitan Transportation Commission

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Legislation Details (With Text)

File #: 17-2652 **Version:** 1 **Name:**

Type: Contract **Status:** Consent

File created: 5/19/2017 **In control:** Bay Area Toll Authority Oversight Committee

On agenda: 6/14/2017 **Final action:**

Title: Contract Amendment - On-Call EPS Consultant Assistance Bench - Toll System Configuration
Support: Silicon Transportation Consultants (STC) (\$100,000)

Sponsors:

Indexes:

Code sections:

Attachments: [4i_ContractAmend_STC.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:
Contract Amendment - On-Call EPS Consultant Assistance Bench - Toll System Configuration
Support: Silicon Transportation Consultants (STC) (\$100,000)

Presenter:
Noah Tunick

Recommended Action:
Committee Approval



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Memorandum

TO: BATA Oversight Committee

DATE: June 7, 2017

FR: Deputy Executive Director, Operations

W. I. 1252

RE: Contract Amendment – On-Call EPS Consultant Assistance Bench – Toll System Configuration Support: Silicon Transportation Consultants (STC) (\$100,000)

This item authorizes the Executive Director or his designee to negotiate and enter into a contract amendment with Silicon Transportation Consultants (STC) in the amount of \$100,000 to provide technical assistance for modifying the toll equipment/system to support updates to California's tolling interoperability requirements. STC is currently under contract with BATA to provide technical assistance to support the California Toll Operators Committee's (CTOC) transition from the Title 21 protocol to the 6C protocol.

Background

All toll facilities in California utilize electronic toll collection (ETC), which employs automatic vehicle identification (AVI) to communicate with a toll tag in a vehicle as it passes through a read point. Senate Bill 1523 (Kopp, 1990) mandated the California Department of Transportation (Caltrans) work with the State's toll facility operators to develop a standard communications protocol for ETC systems. The bill required the protocol, what would be known as "Title 21," to allow for a single type of toll tag to be used across all toll facilities in California. The protocol has been in place since 1990.

To reduce the cost of toll tags and capitalize upon newer technologies, BATA and other California toll facility operators recently began to explore alternative protocols. Collectively, a protocol known as 6C was chosen due to its open standard and cost effectiveness. 6C tags are capable of being produced as thin sticker tags, which are easier to stock and distribute to customers. Caltrans has projected that this may reduce toll facility operator expenditures by as much as \$20 million annually. In April 2015, the state's toll facility operators requested Caltrans begin the process of modifying Title 21 to adopt the 6C protocol. The proposed changes to the regulation will be finalized by Caltrans by August 2017. The updated regulation will require California toll operators to read 6C tags by January 1, 2019. Accordingly, BATA is preparing to update its tolling system. In February 2017, BATA staff conducted a mini-procurement from the Electronic Payments Consultant Bench for assistance with the implementation of the 6C protocol on BATA tolling equipment. The selected consultant would provide oversight of the protocol implementation.

Scoring:

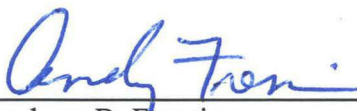
The evaluation panel received proposals from HNTB Corporation (HNTB), Jacobs, STC, and Traffic Technology Inc. (TTI). Each proposal was scored on **(A)** Demonstrated understanding of the project, project objective and approach to completing the work; **(B)** Qualifications of firm's ability to complete the work; **(C)** Qualifications and availability of key personnel; and **(D)** cost effectiveness. Each factor was equally weighted. The evaluation panel scored each proposal as follows with STC receiving the highest score:

Rank	Consultant	A	B	C	D	/ 100 pts
1	STC	23.5	21	23.5	23.5	91.5
2	TTI	23	23	22	20	88
3	HNTB	22.5	22.5	23	18.5	86.5
4	Jacobs	19	21	20.5	17.5	78

Attachment A summarizes STC and its project team's small business and disadvantaged business enterprise status.

Recommendation:

Staff recommends that the Committee authorize the Executive Director or his designee to negotiate and enter into a contract amendment with STC in an amount not to exceed \$100,000 to assist MTC with implementation of the 6C protocol on BATA tolling equipment.



Andrew B. Fremier

SH:nt
Attachment

Attachment A

	Firm Name	Role on Project	DBE* Firm				SBE** Firm		
			Yes	If Yes, List #	No		Yes	If Yes, List #	No
Prime Contractor	Silicon Transportation Consultants	Technical Assistance	x	43097			x	1802481	
Subcontractor	Transportation Mobility Solutions	Quality Assurance	x	42896			x	2000500	

*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.:	1252
Consultant:	Silicon Transportation Consultants (STC), Palo Alto, CA
Work Project Title:	Toll System Configuration Support
Purpose of Project:	To assist with implementation of the 6C protocol on BATA tolling equipment
Brief Scope of Work:	STC will provide technical expertise to BATA, providing oversight as another BATA contractor implements modifications to the Advanced Toll Collection and Accounting System (ATCAS) to include the 6C protocol.
Project Cost Not to Exceed:	\$100,000 (this amendment) Total Contract before this amendment: \$150,000 Total Authorized Contract after this amendment: \$250,000
Funding Source:	BATA Toll Bridge Rehabilitation Program Budget
Fiscal Impact:	Funds are included in the BATA Toll Bridge Rehabilitation Program Budget for FY 2016-17.
Motion by Committee:	That the Executive Director or his designee is authorized to negotiate and enter into a contract amendment with STC, to provide 6C consultant assistance as described above and in the Deputy Executive Director's memorandum dated June 7, 2017, and the Chief Financial Officer is directed to set aside funds in the amount of \$100,000 for such contract amendment.
BATA Oversight Committee:	<hr/> Amy R. Worth, Chair
Approved:	June 14, 2017



Metropolitan Transportation Commission

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Legislation Details (With Text)

File #: 17-2659 **Version:** 1 **Name:**
Type: Resolution **Status:** Authority Approval
File created: 5/31/2017 **In control:** Bay Area Toll Authority Oversight Committee
On agenda: 6/14/2017 **Final action:**
Title: BATA Resolution No. 118, Revised - Toll Bridge Rehabilitation and Seismic Retrofit Capital Program Budget Revision

A request to refer budget changes and allocations to the BATA Toll Bridge Rehabilitation and Seismic Retrofit Capital Program Budgets (BATA Resolution No. 118, Revised) to the Authority for approval.

Sponsors:

Indexes:

Code sections:

Attachments: [5a Reso-118 Budget Revisions.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

BATA Resolution No. 118, Revised - Toll Bridge Rehabilitation and Seismic Retrofit Capital Program Budget Revision

A request to refer budget changes and allocations to the BATA Toll Bridge Rehabilitation and Seismic Retrofit Capital Program Budgets (BATA Resolution No. 118, Revised) to the Authority for approval.

Presenter:

Brian Mayhew

Recommended Action:

Authority Approval



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Memorandum

TO: BATA Oversight Committee

DATE: June 7, 2017

FR: Executive Director

W. I. 1251, 1256

RE: BATA Resolution No. 118, Revised – Toll Bridge Rehabilitation and Seismic Retrofit Capital Program Budget Revision

Staff is requesting an amendment to the BATA Toll Bridge Capital Rehabilitation and Seismic Retrofit Capital Program Budgets (BATA Resolution No. 118, Revised).

A. Toll Bridge Rehabilitation Program

Staff requests an augmentation to the Toll Bridge Rehabilitation Program Budget of \$8.7 million for reclassified San Francisco-Oakland Bay Bridge expenses such as lighting, miscellaneous inspection and bridge evaluations. This change is shown in Attachment C-1, and C-2 of the attached resolution.

B. Toll Bridge Seismic Retrofit Program Capital Outlay Support (COS)

On May 9, 2017 the Toll Bridge Program Oversight Committee approved an allocation of \$4 million of estimated savings from the Toll Bridge Seismic Retrofit Program COS FY 2016-17 approved budget to the first quarter COS FY 2017-18 budget. This requires a reduction of \$4 million to the current approved COS budget as shown in Attachment E-2 of the attached resolution.

Staff recommends that the Committee refer BATA Resolution No. 118, Revised to the Authority for approval.



Steve Heminger

SH:pl
Attachment

Date: June 22, 2016
W.I.: 1251, 1252, 1253, 1254, 1255, 1256
Referred by: BATA Oversight
Revised: 10/26/16-BATA
05/24/17-BATA
06/28/17-BATA

ABSTRACT

BATA Resolution No. 118, Revised

This resolution approves the FY 2016-17 Toll Bridge Program Operating and Capital Budgets.

Attachments E-1 and E-2 to this resolution were revised on October 26, 2016 to update the Toll Bridge Seismic Retrofit Program budget and capital outlay support allocations.

Attachments A, C-1, C-2, E-1 and E-2 to this resolution were revised on May 24, 2017 to update the FY 2016-17 Operating budget, Toll Bridge Rehabilitation Program budget, and Toll Bridge Seismic Retrofit Program budget.

Attachment sC-1, C-2, and E-2 to this resolution were revised on June 28, 2017 to update the Toll Bridge Rehabilitation Program budget and Toll Bridge Seismic Retrofit Program capital outlay support allocation.

Discussion of this resolution item can be found in the Executive Director's Memoranda to the BATA Oversight Committee dated June 1, 2016, October 5, 2016, May 3, 2017, and June 7, 2017.

Date: June 22, 2016
W.I.: 1251, 1252, 1253, 1254, 1255, 1256
Referred by: BATA Oversight

BAY AREA TOLL AUTHORITY
RESOLUTION No. 118, Revised

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, BATA staff has prepared a proposed budget for FY 2016-17 that includes anticipated revenues and expenses, as set forth in Attachment A, and reserve designations as set forth in Attachment G 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 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 G of this resolution; and

WHEREAS, the final draft BATA budget for FY 2016-17 was reviewed and recommended by the BATA Oversight Committee for approval; now, therefore, be it

RESOLVED, that BATA approves the FY 2016-17 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 BATA delegates to the Oversight Committee the authority to approve all contracts and expenditures as well as capital projects in BATA's budget for FY 2016-17, 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 expenditures authorized in the BATA budget for FY 2016-17; and, be it further

RESOLVED, that the Authority adopt budgets for the FY 2016-17 RM 2, Rehab, SRP, AB 1171, and Express Lanes Capital programs for the state-owned toll bridges, as listed in Attachments B through F; 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 and funds properly budgeted in the prior year for which expenditures were budgeted and encumbered and which will take place in FY 2016-17, and be it further

RESOLVED, that BATA has approved a total budget of \$342 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 the Authority authorizes fund reserve designations, effective June 30, 2016, as listed in Attachment G; 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



Dave Cortese, Chair

The above resolution was entered into by the Bay Area Toll Authority at a regular meeting of the Authority held in Oakland, California, on June 22, 2016.

Date: June 22, 2016
W.I.: 1251, 1252, 1253, 1254, 1255, 1256
Referred by: BATA Oversight
Revised: 10/26/16-BATA
05/24/17-BATA
06/28/17-BATA

Attachments
BATA Resolution No. 118

FY 2016-17 Toll Bridge Program
Operating and Capital Budgets

Attachment A: FY 2016-17 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 2016-25 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 2016-17 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, (comprised of Attachment E-1 detailing the total project budgets and Attachment E-2 detailing capital outlay support allocations for FY 2016-17).

Attachment F: AB 1171 Capital Program.

Attachment G: Fund Reserve Designations, effective June 30, 2016.



ATTACHMENT A BAY AREA TOLL AUTHORITY OPERATING BUDGET FY 2016-17

BATA Resolution No. 118
Date: June 22, 2016
W.L.: 1251 - 1256
Referred by: BATA Oversight Committee
Revised : 05/24/17-BATA

OPERATING REVENUE-EXPENSE SUMMARY

	ADOPTED BUDGET FY 2016-17	AMENDED BUDGET FY 2016-17	Change % Inc./Dec)	Change \$ Inc./Dec)	
General Toll Revenue	\$709,352,538	\$709,352,538	0.0%	\$0	L1
Violation Revenue	10,000,000	10,000,000	0.0%	\$0	L2
Interest Revenue	10,400,000	10,400,000	0.0%	0	L3
Reimbursement Revenue	8,481,000	8,481,000	0.0%	0	L4
Rebate for Build America Bonds	71,355,353	71,355,353	0.0%	0	L5
Total Operating Revenue	\$809,588,891	\$809,588,891	0.0%	\$0	
Total Operating Expense	\$682,705,175	\$685,619,205	0.4%	\$2,914,030	
Operating Surplus	\$126,883,716	\$123,969,686	-2.3%	(\$2,914,030)	
Transfer to Reserves	\$126,883,716	\$123,969,686			
Total Operating Surplus (Shortfall)	\$0	\$0		\$0	

REVENUE DETAIL

BUDGET FY 2016-17

	ADOPTED BUDGET FY 2016-17	AMENDED BUDGET FY 2016-17	Change % Inc./Dec)	Change \$ Inc./Dec)
General Toll Revenue (subtotal)	\$709,352,538	\$709,352,538	0.0%	\$0
RM 1 & Seismic Toll Revenues	\$583,001,487	\$583,001,487	0.0%	\$0
RM 2 Toll Revenues	126,351,051	126,351,051	0.0%	0
Violation Revenue (subtotal)	\$10,000,000	\$10,000,000	0.0%	\$0
Other Revenue (Violations)	\$10,000,000	\$10,000,000	0.0%	\$0
Interest Revenue (subtotal)	\$10,400,000	\$10,400,000	0.0%	\$0
RM1 Interest Earnings	\$8,320,000	\$8,320,000	0.0%	\$0
RM2 Interest Earnings	2,080,000	2,080,000	0.0%	0
Reimbursement Revenue (subtotal)	\$8,481,000	\$8,481,000	0.0%	\$0
GGBHTD Fastrak Reimbursement	\$6,733,000	\$6,733,000	0.0%	\$0
ACTC Reimbursement	1,150,000	1,150,000	0.0%	0
VTA 237 Express Lane Reimbursement	135,000	135,000	0.0%	0
SFO Airport Reimbursement	463,000	463,000	0.0%	0
Rebate for Build America Bonds (subtotal)	\$71,355,353	\$71,355,353	0.0%	\$0
Rebate for Build America Bonds	\$71,355,353	\$71,355,353	0.0%	\$0
Total Current Year Revenue	\$809,588,891	\$809,588,891	0.0%	\$0

EXPENSE DETAIL

BUDGET FY 2016-17

	ADOPTED BUDGET FY 2016-17	AMENDED BUDGET FY 2016-17	Change % Inc./Dec	Change \$ Inc./Dec	
Operating Expense					
Caltrans Operations and Maintenance (Subtotal)	\$31,421,000	\$33,021,000	5.1%	\$1,600,000	
Toll Collection & Operations Services	\$22,700,000	\$22,700,000	0.0%	\$0	L6
Toll Bridge & Facility Maintenance (Category A&B)	8,400,000	10,000,000	19.0%	1,600,000	L7
Caltrans Coordination	321,000	321,000	0.0%	0	L8
Fastrak Operations and Maintenance (Subtotal)	\$44,685,306	\$44,685,306	0.0%	\$0	
RCSC Operations	\$23,400,000	\$23,400,000	0.0%	\$0	L9
Banking/Credit Card Fees	13,900,000	13,900,000	0.0%	0	L10
ATCAS Facility and In-lane Maintenance	3,417,306	3,417,306	0.0%	0	L11
ATCAS Hardware/Software Maintenance	1,568,000	1,568,000	0.0%	0	L12
Collections Contract/DMV Expenses	2,400,000	2,400,000	0.0%	0	L13
Toll Bridge Operations and Maintenance Total	\$76,106,306	\$77,706,306	2.1%	\$1,600,000	
Toll Bridge Administration (Subtotal)	\$19,270,857	\$20,197,671	4.8%	\$926,814	
Salaries and Benefits	\$9,615,949	\$9,615,949	0.0%	\$0	L14
Temporary Assistance	45,649	45,649	0.0%	0	L15
Travel&Training/Printing/Memberships	412,459	412,459	0.0%	0	L16
Other	95,000	95,000	0.0%	0	L17
Financing Costs	3,631,600	3,631,600	0.0%	0	L18
Audit/Accounting/Other	2,500,200	3,427,014	37.1%	926,814	L19
Beale St Assessment	1,750,000	1,750,000	0.0%	0	L20
Business Insurance	600,000	600,000	0.0%	0	L21
Misc. Toll Administration Operating Expenses	500,000	500,000	0.0%	0	L22
CTC TBPOC Oversight Committee Reimbursement	120,000	120,000	0.0%	0	L23
Consultant Contract/Other (Subtotal)	\$2,365,000	\$2,365,000	0.0%	\$0	
ETC Marketing	\$850,000	\$850,000	0.0%	\$0	L24
Toll Plaza Traffic Operations Analysis	150,000	150,000	0.0%	0	L25
RM2 Project Monitoring - Capital & Ops. Program	365,000	365,000	0.0%	0	L26
BATA Contract Contingency	500,000	500,000	0.0%	0	L27
RM2 Contract Contingency	500,000	500,000	0.0%	0	L28
Transfers to MTC (Subtotal)	\$18,352,943	\$18,740,159	2.1%	\$387,216	
1% Administration	\$7,297,525	\$7,297,525	0.0%	\$0	L29
Transfer to MTC	273,550	273,550	0.0%	0	L30
RM2 Marketing	3,750,000	3,750,000	0.0%	0	L31
Transfer to Legal Reserve	2,000,000	2,387,216	19.4%	387,216	L32
Disaster Preparedness	40,000	40,000	0.0%	0	L33
Transbay Transit Terminal Maintenance	4,691,868	4,691,868	0.0%	0	L34
Transfer to SAFE	300,000	300,000	0.0%	0	L35
Debt Service	\$516,410,069	\$516,410,069	0.0%	\$0	L36
RM2 Transit Operating	\$45,000,000	\$45,000,000	0.0%	\$0	L37
Furniture/Equipment	\$50,000	\$50,000	0.0%	\$0	L38
Provision for Depreciation/Amortization	\$5,150,000	\$5,150,000	0.0%	\$0	L39
Total Operating Expense	\$682,705,175	\$685,619,205	0.4%	\$2,914,030	



BATA Resolution No. 118
Date: June 22, 2016
W.I.: 6840/6953
Referred by: BATA Oversight Committee

Attachment B
Bay Area Toll Authority

Other Capital Projects

Program	Other Capital Projects	Prior Approved BATA Budget	FY 2015-16 Budget	FY 2016-17 Budget	Life to Date Project Budget
6840	Express Lanes Projects - Total*	\$ 326,186,120	\$ 16,000,000	\$ -	\$ 342,186,120
6953	Core Capacity Challenge - Grant	250,000,000	\$ -	-	\$ 250,000,000

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



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

BATA Resolution No. 118

Date: June 22, 2016

W.L: 1251

Referred by: BATA Oversight Committee

Revised : 05/24/17-BATA

06/28/17-BATA

Legend

New Project Since Start FY

		Thru 2016	2017	Adjustments	Thru 2017
Toll Bridge Rehabilitation Program	Support	\$189,059,875	\$25,591,090		\$214,650,965
Summary	Capital	\$816,034,442	\$84,559,852	\$8,733,854	\$909,328,147
	Total	\$1,005,094,316	\$110,150,942	\$8,733,854	\$1,123,979,113

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2016	2017	Adjustments	Thru 2017
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		\$117,302,329
2	CTR 0001	00297	SFO	Construct New Toll Operations Building	Support	\$7,542,800	\$83,000		\$7,625,800
		REHAB 6825			Capital	\$0			\$0
					Total	\$7,542,800	\$83,000		\$7,625,800
3	CTR 0002	00394	RSR	RSR Maintenance Building	Support	\$5,885,000			\$5,885,000
		REHAB 6814			Capital	\$4,641,000			\$4,641,000
					Total	\$10,526,000	\$0		\$10,526,000
4	CTR 0003	01090	ALL	Upgrade Existing SCADA System	Support	\$6,180,409			\$6,180,409
		REHAB 6828			Capital	\$5,561,378	\$36,213		\$5,597,591
					Total	\$11,741,787	\$36,213		\$11,778,001
5	CTR 0009	01407	SFO	Toll Plaza Median Landscaping	Support	\$720,000			\$720,000
		REHAB 6825			Capital	\$1,062,000			\$1,062,000
					Total	\$1,782,000	\$0		\$1,782,000
6	CTR 0010	0120T	SFO	W4 Substation Upgrade, Foghorn Replacement,	Support	\$2,292,500	\$2,042,500		\$4,335,000
		REHAB 6825	BASE		Capital	\$12,985,000			\$12,985,000
					Total	\$15,277,500	\$2,042,500		\$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		\$1,827,425
8	CTR 0013	04100	SMH	Resurface Orthotropic Deck	Support	\$6,372,000	\$1,862,000		\$8,234,000
		REHAB 6826		Deck Rehabilitation & 12KV Cable for Entire Bridge	Capital	\$29,500,000			\$29,500,000
					Total	\$35,872,000	\$1,862,000		\$37,734,000
9	CTR 0014	3G460	Var.	Northern Bridge Structural Improvements***	Support	\$176,000	-\$103,338		\$72,662
		REHAB 6828			Capital	\$0			\$0
					Total	\$176,000	-\$103,338		\$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		\$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		\$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		\$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		\$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		\$714,010
15	CTR 0028	1G260	SFO	Replace Lighting w/ HPS Lighting System (EB)***	Support	\$554,232			\$554,232
		REHAB 6825			Capital	\$0			\$0
					Total	\$554,232	\$0		\$554,232
16	CTR 0031	1G660	SFO	SFOBB West Span Pathway	Support	\$1,271,000			\$1,271,000
		REHAB 6825			Capital	\$0			\$0
					Total	\$1,271,000	\$0		\$1,271,000
17	CTR 0032	1G720	SFO	Eyebar Monitoring System (ES)***	Support	\$207,931			\$207,931
		REHAB 6825			Capital	\$3,431,263			\$3,431,263
					Total	\$3,639,194	\$0		\$3,639,194
18	CTR 0147	2F000	SMH	Replace Damaged Transformer and Substation***	Support	\$53,276			\$53,276
		REHAB 6826			Capital	\$204,900			\$204,900
					Total	\$258,176	\$0		\$258,176
19	CTR 0035	2G420	ALL	ATCAS II Oversight***	Support	\$202,495			\$202,495
		REHAB 6828			Capital	\$0			\$0
					Total	\$202,495	\$0		\$202,495
20	CTR 0036	2G670	SMH	Cracked Girder Repairs***	Support	\$2,756,322			\$2,756,322
		REHAB 6826			Capital	\$4,034,364			\$4,034,364
					Total	\$6,790,687	\$0		\$6,790,687
21	CTR 0043	3G300	Var.	Replace Foghorns/Radar Beacons PID***	Support	\$67,738			\$67,738
		REHAB 6828			Capital	\$0			\$0
					Total	\$67,738	\$0		\$67,738
22	CTR 0045	3G442	SFO	Replace Seismic Dampeners (WS)	Support	\$3,007,000	\$1,604,000		\$4,611,000
		REHAB 6825			Capital	\$801,198	\$586,802		\$1,388,000
					Total	\$3,808,198	\$2,190,802		\$5,999,000
23	CTR 0048	3G487	SFO	Bridge Paint	Support	\$157,200			\$157,200

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA			Thru 2016	2017	Adjustments	Thru 2017
		REHAB 6825		Part 1	Capital	\$0			\$0
					Total	\$157,200			\$157,200
24	CTR 0049	3G470	Var.	Replace travelers and Rails PIDS***	Support	\$210,000	-\$50,185		\$159,815
		REHAB 6828			Capital	\$0			\$0
					Total	\$210,000	-\$50,185		\$159,815
25	CTR 0051	3G480	Var.	Caltrans PSR Planning	Support	\$64,164			\$64,164
		REHAB 6828		Paint Bridge Structures PID ***	Capital	\$0			\$0
					Total	\$64,164	\$0		\$64,164
26	CTR 0052	3G484	RSR	Bridge Paint	Support	\$5,886,000	\$2,389,000		\$8,275,000
		REHAB 6814		(Lower Deck Only)	Capital	\$35,000,000			\$35,000,000
				Part 1	Total	\$40,886,000	\$2,389,000		\$43,275,000
27	CTR 0053	3G486	SMH	Bridge Paint	Support	\$3,500,000	\$1,767,000		\$5,267,000
		REHAB 6826			Capital	\$54,000,000			\$54,000,000
					Total	\$57,500,000	\$1,767,000		\$59,267,000
28	CTR 0055	3G474	RSR	Traveler Rail Upgrades and Scaffolding Ergonomics Impr	Support	\$872,000			\$872,000
		REHAB 6814			Capital	\$0			\$0
					Total	\$872,000	\$0		\$872,000
29	CTR 0056	4A860	SFO	Repair Timber Fender at W5	Support	\$335,109			\$335,109
		REHAB 6825			Capital	\$1,429,316			\$1,429,316
					Total	\$1,764,424	\$0		\$1,764,424
30	CTR 0057	4G280	SFO	Toll Plaza Renovation Oversight***	Support	\$352,488			\$352,488
		REHAB 6825			Capital	\$0			\$0
					Total	\$352,488	\$0		\$352,488
31	CTR 0058	4G290	SFO	Toll Plaza Crash Cushion and Pump Station	Support	\$396,591			\$396,591
		REHAB 6825		Oversight	Capital	\$0			\$0
					Total	\$396,591	\$0		\$396,591
32	CTR 0059	91206	ALL	OSM Rehab Planning	Support	\$903,000	-\$744,340		\$158,660
		REHAB 8629			Capital	\$0			\$0
					Total	\$903,000	-\$744,340		\$158,660
33	CTR 0060	91207	Var.	Caltrans Capital Coordination	Support	\$5,314,000	\$927,000		\$6,241,000
		REHAB 6828			Capital	\$0			\$0
					Total	\$5,314,000	\$927,000		\$6,241,000
34	CTR 0061	93030	ALL	Toll Bridge Inspections	Support	\$17,800,000	\$2,800,000		\$20,600,000
		REHAB 6828			Capital	\$0			\$0
					Total	\$17,800,000	\$2,800,000		\$20,600,000
35	CTR 0062	93870	ALL	Base Security	Support	\$9,000,000	\$1,500,000		\$10,500,000
		REHAB 6828			Capital	\$0			\$0
					Total	\$9,000,000	\$1,500,000		\$10,500,000
36	CTR 0064	97037	ANT	Toll Plaza Rehab Projects	Support	\$0			\$0
		REHAB 8033			Capital	\$179,979			\$179,979
					Total	\$179,979	\$0		\$179,979
37	CTR 0065	97047	SFO	Toll Plaza Rehab Projects	Support	\$0			\$0
		REHAB 8033			Capital	\$3,386			\$3,386
					Total	\$3,386	\$0		\$3,386
38	CTR 0069	97708	Var.	Caltrans ETC Traffic Operations Support	Support	\$5,450,000	\$700,000		\$6,150,000
		REHAB 6828			Capital	\$0			\$0
					Total	\$5,450,000	\$700,000		\$6,150,000
39	CTR 0078	3G462	BM	Floor Beam Mitigation Phase 1	Support	\$316,000	\$1,300,000		\$1,616,000
		REHAB 6812		(Modification of stringer floor beams due to fatigue cracks and Bearing Shear Bolts	Capital	\$1,200,000	-\$300,000		\$900,000
					Total	\$1,516,000	\$1,000,000		\$2,516,000
40	CTR 0084	CTR 0084	BM	Floor Beam Mitigation Phase 2	Support	\$0			\$0
		REHAB 6812			Capital	\$0			\$0
					Total	\$0	\$0		\$0
41	CTR 0088	3G403	CAR	Anchorage Modification, Drainage Improvements,	Support	\$1,842,000	\$1,244,000		\$3,086,000
		REHAB 6813		Polyester Concrete Overlay (1958) and Ped	Capital	\$9,200,000			\$9,200,000
				Replace Joint Seals (1958)	Total	\$11,042,000	\$1,244,000		\$12,286,000
42	CTR 0097	3G305	Var.	Replace Fog Horns, Radar Beacons and	Support	\$1,296,000	\$1,298,000		\$2,594,000
		REHAB 6828		Related Electrical Systems on Southern Bridges	Capital	\$4,500,000			\$4,500,000
					Total	\$5,796,000	\$1,298,000		\$7,094,000
43	CTR 0107	3G364	RSR	Substations Upgrade	Support	\$635,000	\$1,268,000		\$1,903,000
		REHAB 6814			Capital	\$0	\$6,700,000		\$6,700,000
					Total	\$635,000	\$7,968,000		\$8,603,000
44	CTR 0119	3G307	SFO	Fog Horns (West Spans)***	Support	\$339,821			\$339,821
		REHAB 6825			Capital	\$0			\$0
					Total	\$339,821	\$0		\$339,821
45	CTR 0120	3G444	SFO	Main Cable Wrap Investigations Phase 1	Support	\$423,000			\$423,000
		REHAB 6825			Capital	\$0			\$0
					Total	\$423,000	\$0		\$423,000
46	CTR 0121	3G477	SFO	Traveler Replacements and Rail Upgrades	Support	\$380,000			\$380,000
		REHAB 6825			Capital	\$0			\$0
					Total	\$380,000	\$0		\$380,000
47	CTR 0126	3G448	SFO	W2 to W7 Concrete Column Repair and Seal	Support	\$0			\$0
		REHAB 6825			Capital	\$0			\$0
					Total	\$0	\$0		\$0
48	CTR 0128	CTR 0128	SFO	Main Cable Wrap Investigations Phase 2	Support	\$0			\$0
		REHAB 6825			Capital	\$0			\$0
					Total	\$0	\$0		\$0
49	CTR 0129	3G457	SFO	SFOBB - Replace Joint Seals (Upper & Lower Deck);	Support	\$1,294,000	\$1,441,000		\$2,735,000
		REHAB 6825		RSR - Replace Joint Seals (Upper Deck)	Capital	\$5,808,000	\$615,878		\$6,423,878
				and Resurfacing	Total	\$7,102,000	\$2,056,878		\$9,158,878
50	CTR 0134	4H970	SFO	Gateway Park Oversight	Support	\$1,910,000			\$1,910,000
		REHAB		and Link (4H971) PAED	Capital	\$0			\$0

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA	Status		Thru 2016	2017	Adjustments	Thru 2017
		6825			Total	\$1,910,000	\$0		\$1,910,000
51	CTR 0147	01408	SFO	SFOBB Maintenance Complex	Support	\$2,864,000			\$2,864,000
		REHAB		Maintenance Complex	Capital	\$38,600,000			\$38,600,000
		6825			Total	\$41,464,000	\$0		\$41,464,000
52	CTR 0148	01410	SFO	SFOBB Maintenance Complex	Support	\$0			\$0
		REHAB		Maintenance Warehouse	Capital	\$15,900,000	\$2,000,000		\$17,900,000
		6825		Phase 2	Total	\$15,900,000	\$2,000,000		\$17,900,000
53	CTR 0151	3G443	SFO	Replace Grating Shields and Access Ladders	Support	\$1,744,000	\$209,000		\$1,953,000
		REHAB			Capital	\$2,729,000	-\$906,878		\$1,822,122
		6825			Total	\$4,473,000	-\$697,878		\$3,775,122
54	CTR 0152	0120M	SFO	Toll Plaza Repaving	Support	\$788,000	\$37,782		\$825,782
		REHAB			Capital	\$7,500,000	-\$37,782		\$7,462,218
		6825			Total	\$8,288,000	\$0		\$8,288,000
55	CTR 0153	1G310	SFO	Toll Plaza Repaving***	Support	\$0			\$0
		REHAB			Capital	\$1,800,000			\$1,800,000
		6825			Total	\$1,800,000	\$0		\$1,800,000
56	CTR 0154	3G440	SFO	Various Structural PIDS***	Support	\$210,000	-\$50,100		\$159,900
		REHAB			Capital	\$0			\$0
		6825			Total	\$210,000	-\$50,100		\$159,900
57	CTR 0155	3G450	VAR	Bridge Joint Seals***	Support	\$120,000	-\$62,389		\$57,611
		REHAB			Capital	\$0			\$0
		6828			Total	\$120,000	-\$62,389		\$57,611
58	CTR 0156	3G390	VAR	Bridge Lighting***	Support	\$120,000	-\$20,585		\$99,415
		REHAB			Capital	\$0			\$0
		6828			Total	\$120,000	-\$20,585		\$99,415
59	CTR 0157	3G400	VAR	Bridge Overlays***	Support	\$134,556			\$134,556
		REHAB			Capital	\$0			\$0
		6828			Total	\$134,556	\$0		\$134,556
60	CTR 0158	0120F	SFOBB	East Span Base	Support	\$0			\$0
		REHAB			Capital	\$1,965,000			\$1,965,000
		6825			Total	\$1,965,000	\$0		\$1,965,000
61	CTR 0159	2J870	SFOBB	West Span BASE	Support	\$456,000	\$132,000		\$588,000
		REHAB			Capital	\$9,500,000			\$9,500,000
		6825			Total	\$9,956,000	\$132,000		\$10,088,000
62	CTR 0160	4H180	SFOBB	Refill Seismic Dampeners***	Support	\$22,052			\$22,052
		REHAB			Capital	\$252,546			\$252,546
		6825			Total	\$274,597	\$0		\$274,597
63	CTR 0163	3G447	SFOBB	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
64	CTR 0182	3G478	Var	PID - Water Line System	Support	\$244,000	-\$50,000		\$194,000
		REHAB		Air Compressor, Airlines	Capital	\$0			\$0
		6828			Total	\$244,000	-\$50,000		\$194,000
65	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
66	CTR 0202	0J870	SFOBB	Install Air Gap Monitoring System***	Support	\$127,000			\$127,000
		REHAB			Capital	\$210,000			\$210,000
		6825			Total	\$337,000	\$0		\$337,000

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA	Status		Thru 2016	2017	Adjustments	Thru 2017
67	CTR 0203	3G360 REHAB 6828	Var.	Replace Various Navigational and Utility Equipment Supplemental PID***	Support Capital Total	\$127,650 \$0 \$127,650			\$127,650 \$0 \$127,650
68	CTR 0204	3G301 REHAB 6828	Var.	Replace Fog Horns, Radar Beacons and Related Electrical Systems on Northern Bridges	Support Capital Total	\$1,040,000 \$0 \$1,040,000			\$1,040,000 \$0 \$1,040,000
69	CTR 0206	2J680 REHAB 6814	RSR	RSR Access – PPUL Oversight	Support Capital Total	\$727,000 \$0 \$727,000	\$1,631,000		\$2,358,000 \$0 \$2,358,000
70	CTR 0212	3G368 REHAB 6828	Var	Substation and Power Cable	Support Capital Total	\$200,000 \$0 \$200,000	\$50,000		\$250,000 \$0 \$250,000
71	CTR 0213	01412 REHAB 6825	SFOBB	CT Oversight of Bridge Yard *** (IERBYS Building Slab)	Support Capital Total	\$276,198 \$0 \$276,198			\$276,198 \$0 \$276,198
72	CTR 0214	01413 REHAB 6825	SFOBB	CT Oversight of Bridge Yard (IERBYS Building Retrofit)	Support Capital Total	\$423,802 \$0 \$423,802			\$423,802 \$0 \$423,802
73	CTR 0215	2I190 REHAB 6825	SFOBB	Replace transverse expansion joints *** West Span	Support Capital Total	\$950,000 \$2,400,000 \$3,350,000	\$359,010 -\$455,302 -\$96,292		\$1,309,010 \$1,944,698 \$3,253,708
74	CTR 0216	2J410 REHAB 6813	CARQ	Al Zampa (CARQ) Joint Repair ***	Support Capital Total	\$90,000 \$281,000 \$371,000	\$56,672 -\$97,408 -\$40,735		\$146,672 \$183,592 \$330,265
75	CTR 0217	2J400 REHAB 6825	SFOBB	I-880 Overhead Signage and Delineation Upgrade Oversight	Support Capital Total	\$40,000 \$0 \$40,000			\$40,000 \$0 \$40,000
76	CTR 0219	0K220 REHAB 6825	SFOBB	Metering Lights Upgrade Oversight	Support Capital Total	\$366,000 \$0 \$366,000			\$366,000 \$0 \$366,000
77	CTR 0220	4H971 REHAB 6825	SFOBB	Gateway Park Bicycle Pedestrian Path (Link)	Support Capital Total	\$3,173,000 \$0 \$3,173,000	-\$3,173,000		\$0 \$0 \$0
78	CTR 0221	TBD REHAB 6825	SFOBB	SAS Elevator Maintenance	Support Capital Total	\$0 \$240,000 \$240,000			\$0 \$0 \$0
79	CTR 0222	TBD REHAB 6825	SFOBB	SAS Maintenance Administration	Support Capital Total	\$0 \$1,000,000 \$1,000,000			\$0 \$1,000,000 \$1,000,000
80	CTR 0223	TBD REHAB 6825	SFOBB	Dehumidifier Maintenance	Support Capital Total	\$0 \$240,000 \$240,000			\$0 \$0 \$0
81	CTR 0225	4J710 REHAB 6814	RSR	RSR Access - Bike Ped Oversight	Support Capital Total	\$363,000 \$0 \$363,000	\$274,000		\$637,000 \$0 \$637,000
82	CTR 0226	1K450 REHAB 8033	SFOBB	Roof Repairs at Sterling Substation Minor Rehab	Support Capital Total	\$72,000 \$120,000 \$192,000			\$72,000 \$120,000 \$192,000
83	CTR 0227	1K470 REHAB 8033	SMH	Roof Repairs at toll admin building (Toll Plaza) Minor Rehab	Support Capital Total	\$60,000 \$100,000 \$160,000			\$60,000 \$100,000 \$160,000
84	CTR 0228	1K460 REHAB 8033	BM	Bird abatement at Benicia Toll Plaza Minor Rehab	Support Capital Total	\$150,000 \$250,000 \$400,000			\$150,000 \$250,000 \$400,000
85	CTR 0229	0K691 REHAB 6825	SFOBB	Install Grease Caps and Repair Pre-stress Tendons East Span- Director's Order	Support Capital Total	\$1,000,000 \$3,000,000 \$4,000,000			\$1,000,000 \$3,000,000 \$4,000,000
86	CTR 0230	3G482 REHAB 6812	BM	Repair Seismic Joint - Pier 3 Director's Order	Support Capital Total	\$120,000 \$291,000 \$411,000			\$120,000 \$291,000 \$411,000
87	CTR 0231	TBD REHAB 6814	RSR	Replace and Upgrade Navigational Lights to LED and connect it with SCADA for remote monitoring	Support Capital Total	\$0 \$0 \$0			\$0 \$0 \$0
88	CTR 0232	TBD REHAB 6825	SFOBB	YBI Tunnel Concrete Repair	Support Capital Total	\$0 \$0 \$0	\$600,000 \$1,400,000 \$2,000,000		\$600,000 \$1,400,000 \$2,000,000
89	CTR 0233	TBD REHAB 6825	SFOBB	W4 Fender Repair Director's Order	Support Capital Total	\$0 \$0 \$0	\$1,000,000 \$3,250,000 \$4,250,000		\$1,000,000 \$3,250,000 \$4,250,000
90	CTR 0234	2K560 REHAB 6825	SFOBB	Repair SFOBB Seismic Dampers Director's Order	Support Capital Total	\$0 \$0 \$0	\$100,000 \$291,000 \$391,000		\$100,000 \$291,000 \$391,000
91	CTR Res	CTR Res REHAB 6829	Var.	Caltrans Program Contingency	Support Capital Total	\$361,936 \$0 \$361,936	\$1,606,064		\$1,968,000 \$0 \$1,968,000

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA	Status		Thru 2016	2017	Adjustments	Thru 2017
92	880/92	2G361	880/92	Landscaping**	Support	\$690,000	\$470,000		\$1,160,000
		RM1			Capital	\$1,800,000			\$1,800,000
		8615			Total	\$2,490,000	\$470,000		\$2,960,000
93	880/92	2G362	880/92	Landscaping**	Support	\$800,000	\$36,000		\$836,000
		RM1			Capital	\$0			\$0
		8615			Total	\$800,000	\$36,000		\$836,000
94	BM	0060A	BM	Modification to 1962 Bridge**	Support	\$6,211			\$6,211
		RM1			Capital	\$0			\$0
		8210			Total	\$6,211	\$0		\$6,211
95	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
96	CAR	0130J	CAR	Site Mitigation 3**	Support	\$150,000			\$150,000
		RM1			Capital	\$0			\$0
		8315			Total	\$150,000	\$0		\$150,000
97	CAR	0130K	CAR	Misc Landscaping**	Support	\$4,177			\$4,177
		RM1			Capital	\$0			\$0
		8315			Total	\$4,177	\$0		\$4,177
98	880/92	01601	880/92	880/92 Interchange**	Support	\$850,000	-\$506,000		\$344,000
		RM1			Capital	\$2,500,000			\$2,500,000
		8615			Total	\$3,350,000	-\$506,000		\$2,844,000
99	SMH	27790	SMH	Bay Trail Improvement**	Support	\$0			\$0
		RM1			Capital	\$115,000			\$115,000
		8637			Total	\$115,000	\$0		\$115,000
100	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
101	BR 0002	8539	BATA	SFOBB Eyebare Review	Support	\$2,914,000			\$2,914,000
		REHAB			Capital	\$0			\$0
					Total	\$2,914,000	\$0		\$2,914,000
102	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
103	BR 0004	8909	BATA	Gateway Park	Support	\$300,000	\$973,000		\$1,273,000
		REHAB			Capital	\$28,840,000			\$28,840,000
					Total	\$29,140,000	\$973,000		\$30,113,000
104	BR 0005	8913	BATA	SFOBB Administration Building***	Support	\$5,000,000			\$5,000,000
		REHAB			Capital	\$20,619,200			\$20,619,200
					Total	\$25,619,200	\$0		\$25,619,200
105	BR 0006	8918	BATA	SFOBB Maintenance Complex	Support	\$0			\$0
		REHAB			Capital	\$531,000			\$531,000
					Total	\$531,000	\$0		\$531,000
106	BR 0008	8921	BATA	SFOBB FasTrak Lane Conversion	Support	\$0			\$0
		REHAB			Capital	\$3,575,000			\$3,575,000
					Total	\$3,575,000	\$0		\$3,575,000
107	BR 0009	8922	BATA	Metering Lights Upgrade	Support	\$0			\$0
		REHAB			Capital	\$2,450,000	\$6,480,000		\$8,930,000
					Total	\$2,450,000	\$6,480,000		\$8,930,000
108	BR 0010	8920	BATA	SFO Plaza and Canopy Improvements	Support	\$4,000,000	-\$9,000		\$3,991,000
		REHAB			Capital	\$5,272,000			\$5,272,000
					Total	\$9,272,000	-\$9,000		\$9,263,000
109	BR 0011	8923	BATA	Bridge Documentation	Support	\$0			\$0
		REHAB			Capital	\$500,000			\$500,000
					Total	\$500,000	\$0		\$500,000
110	BR 0013	8602	BATA	Hybrid/etc Lane Modifications	Support	\$0			\$0
		REHAB			Capital	\$874,000			\$874,000
					Total	\$874,000	\$0		\$874,000
111	BR 0014	8907	BATA	Toll Plaza Maintenance Agreement	Support	\$350,000			\$350,000
		REHAB			Capital	\$14,098,000	\$4,000,000		\$18,098,000
					Total	\$14,448,000	\$4,000,000		\$18,448,000
112	BR 0016	8631	BATA	Callboxes	Support	\$0			\$0
		REHAB			Capital	\$2,344,000			\$2,344,000
					Total	\$2,344,000	\$0		\$2,344,000
113	BR 0017	8900	BATA	2003 CSC Procurement	Support	\$1,679,000			\$1,679,000
		REHAB			Capital	\$12,679,000			\$12,679,000
					Total	\$14,358,000	\$0		\$14,358,000
114	BR 0018	8901	BATA	Ongoing Toll Tag Procurement	Support	\$0			\$0
		REHAB			Capital	\$60,231,395	\$10,700,000		\$70,931,395
					Total	\$60,231,395	\$10,700,000		\$70,931,395
115	BR 0019	8902	BATA	2012 CSC Procurement	Support	\$0			\$0
		REHAB			Capital	\$17,450,000	\$2,000,000		\$19,450,000
					Total	\$17,450,000	\$2,000,000		\$19,450,000

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA	Status		Thru 2016	2017	Adjustments	Thru 2017
116	BR 0020	8903 REHAB	BATA	Future Lane/Host Upgrades and Replacement (ATCAS)	Support Capital Total	\$0 \$33,800,000 \$33,800,000	 -\$195,000 -\$195,000	 	\$0 \$33,605,000 \$33,605,000
117	BR 0021	8904 REHAB	BATA	FasTrak Sign and Sign Structure Improvements (Strategic)	Support Capital Total	\$1,000,000 \$28,555,000 \$29,555,000	 -\$44,870 -\$44,870	 	\$1,000,000 \$28,510,130 \$29,510,130
118	BR 0022	8905 REHAB	BATA	Misc Bridge Improvements	Support Capital Total	\$400,000 \$9,096,000 \$9,496,000	 \$1,063,000 \$1,063,000	 	\$400,000 \$10,159,000 \$10,559,000
119	BR 0023	8908 REHAB	BATA	BATA Technology Infrastructure (HW, SW, NETWORK)	Support Capital Total	\$0 \$4,035,000 \$4,035,000	 \$0	 	\$0 \$4,035,000 \$4,035,000
120	BR 0025	8912 REHAB	BATA	Tag Inventory Conversion (Upgrade Technology)	Support Capital Total	\$200,000 \$1,936,500 \$2,136,500	 \$0	 	\$200,000 \$1,936,500 \$2,136,500
121	BR 0026	8914 REHAB	BATA	Violation Enforcement System	Support Capital Total	\$0 \$7,842,000 \$7,842,000	 \$0	 	\$0 \$7,842,000 \$7,842,000
122	BR 0027	8916 REHAB	BATA	Bay Crossing Study	Support Capital Total	\$540,000 \$0 \$540,000	 \$0	 	\$540,000 \$0 \$540,000
123	BR 0028	8917 REHAB	BATA	BATA Technology Security Review and Implementation	Support Capital Total	\$0 \$750,000 \$750,000	 \$0	 	\$0 \$750,000 \$750,000
124	BR 0029	8926 REHAB	BATA	Bridge Modeling and Investigations	Support Capital Total	\$2,000,000 \$3,000,000 \$5,000,000	 \$801,198 \$801,198	 	\$2,000,000 \$3,801,198 \$5,801,198
125	BR 0030	8000-16 REHAB	BATA	Program Monitoring	Support Capital Total	\$0 \$46,044,709 \$46,044,709	 \$0	 	\$0 \$46,044,709 \$46,044,709
126	BR 0031	8000-05 REHAB	BATA	Capital Program Audits	Support Capital Total	\$0 \$8,000,000 \$8,000,000	 \$300,000 \$300,000	 	\$0 \$8,300,000 \$8,300,000
127	BR 0033	8927 REHAB	BATA	CCTV Installation	Support Capital Total	\$850,000 \$5,150,000 \$6,000,000	 \$0	 	\$850,000 \$5,150,000 \$6,000,000
128	BR 0034	8924 REHAB	BATA	Antioch Bridge CCTA 160/4 Interchange	Support Capital Total	\$0 \$50,000,000 \$50,000,000	 \$0	 	\$0 \$50,000,000 \$50,000,000
129	BR 0035	8930 REHAB	BATA	Richmond-San Rafael Bridge I-580 Access Improvements	Support Capital Total	\$600,000 \$23,000,000 \$23,600,000	\$600,000 \$41,590,000 \$42,190,000	 	\$1,200,000 \$64,590,000 \$65,790,000
130	BR 0037	8932 REHAB	BATA	ETC Loop Rehabilitation new request FY 2014	Support Capital Total	\$0 \$0 \$0	 \$0	 	\$0 \$0 \$0
131	BR 0038	8937 REHAB	BATA	Future CSC Procurement	Support Capital Total	\$0 \$0 \$0	 \$1,500,000 \$1,500,000	 	\$0 \$1,500,000 \$1,500,000
132	BR 0039	8933 REHAB	BATA	Plan Bay Area TMS	Support Capital Total	\$0 \$9,000,000 \$9,000,000	 \$0	 	\$0 \$9,000,000 \$9,000,000
133	BR 0040	8012 REHAB	BATA	All Electronic Tolling Study	Support Capital Total	\$0 \$450,000 \$450,000	 \$253,000 \$253,000	 	\$0 \$703,000 \$703,000
134	BR 0041	8934 REHAB	BATA	Temporary License Plate System Implementation	Support Capital Total	\$0 \$500,000 \$500,000	 \$0	 	\$0 \$500,000 \$500,000
135	BR 0042	8935 REHAB	BATA	Communications in Bridge Corridors	Support Capital Total	\$0 \$2,500,000 \$2,500,000	 \$0	 	\$0 \$2,500,000 \$2,500,000
136	BR 0043	8936 REHAB	BATA	Backhaul Connection Infrastructure	Support Capital Total	\$0 \$1,000,000 \$1,000,000	 \$0	 	\$0 \$1,000,000 \$1,000,000
137	BR 0044	8540 REHAB	BATA	Regional Transportation Sea Level Rise Asset	Support Capital Total	\$0 \$2,000,000 \$2,000,000	 \$0	 	\$0 \$2,000,000 \$2,000,000
138	BR 0045	8530 REHAB	BATA	Drainage studies for the Bridges	Support Capital Total	\$0 \$500,000 \$500,000	 \$0	 	\$0 \$500,000 \$500,000
139	BR 0046	8528 REHAB	BATA	Bay Lights Maintenance	Support Capital Total	\$0 \$160,000 \$160,000	 \$160,000 \$160,000	 	\$0 \$320,000 \$320,000
140	BR 0047	8938 REHAB	BATA	VBI Southgate Road Realignment Misc East Span Project Improvements	Support Capital Total	\$0 \$0 \$0	 \$3,350,000 \$3,350,000	 \$8,733,854 \$8,733,854	\$0 \$12,083,854 \$12,083,854
141	BR Res	8928 REHAB	Var.	BATA Program Contingency RM1 Closeout	Support Capital Total	\$0 \$3,258,612 \$3,258,612	 \$0	 	\$0 \$3,258,612 \$3,258,612

Line No.	Project No.	EA	Bridge	Description						
		Program	CCA	Status		Thru 2016	2017	Adjustments	Thru 2017	
							Thru 2016	2017	Adjustments	Thru 2017
							Thru 2016	2017	Adjustments	Thru 2017
*Caltrans Capital includes capital outlay construction and right-of-way. **Previous expenses covered in RM1 Program.				Toll Bridge Rehabilitation Program	Support	\$189,059,875	\$25,591,090	\$0	\$214,650,965	
				Summary	Capital	\$816,034,442	\$84,559,852	\$8,733,854	\$909,328,147	
					Total	\$1,005,094,316	\$110,150,942	\$8,733,854	\$1,123,979,113	
				Caltrans Rehabilitation Program	Support	\$167,476,874	\$24,027,090	\$0	\$191,503,965	
				Summary	Capital	\$391,290,026	\$12,602,524	\$0	\$403,892,550	
					Total	\$558,766,900	\$36,629,614	\$0	\$595,396,515	
				BATA Rehabilitation Program	Support	\$21,583,000	\$1,564,000	\$0	\$23,147,000	
				Summary	Capital	\$424,744,416	\$71,957,328	\$8,733,854	\$505,435,598	
					Total	\$446,327,416	\$73,521,328	\$8,733,854	\$528,582,598	

*Caltrans Capital includes capital outlay construction and right-of-way.

**Previous expenses covered in RM1 Program.

*** Project closed to expenditures June 30, 2016 or earlier.



Attachment C-2
Bay Area Toll Authority
FY 2017-26 Ten-Year Toll Bridge Rehabilitation Program

BATA Resolution No. 118
 Date: June 22, 2016
 W.L: 1251
 Referred by: BATA Oversight Committee
 Revised : 05/24/17-BATA
 06/28/17-BATA

Legend					Thru 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Total
New Project Since Start FY				Toll Bridge Rehabilitation Program	Support	\$189,059,875	\$25,591,090	\$14,005,000	\$14,227,000	\$10,977,000	\$8,002,000	\$8,838,000	\$15,766,000	\$8,427,000	\$5,927,000	\$306,746,965
				Summary	Capital	\$816,034,442	\$93,293,706	\$38,264,000	\$35,060,000	\$66,160,000	\$54,960,000	\$12,460,000	\$41,960,000	\$12,560,000	\$13,260,000	\$1,196,972,147
				Total		\$1,005,094,316	\$118,884,796	\$52,269,000	\$49,287,000	\$77,137,000	\$62,962,000	\$21,298,000	\$57,726,000	\$20,987,000	\$19,187,000	\$1,503,719,113

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Total
1	Completed	REHAB 8030	Var.	Completed/Closed Rehab Projects	Support	\$38,665,694											\$38,665,694
					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 REHAB 6825	SFO	Construct New Toll Operations Building	Support	\$7,542,800	\$83,000										\$7,625,800
					Capital	\$0											\$0
					Total	\$7,542,800	\$83,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,625,800
3	CTR 0002	00394 REHAB 6814	RSR	RSR Maintenance Building	Support	\$5,885,000											\$5,885,000
					Capital	\$4,641,000											\$4,641,000
					Total	\$10,526,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,526,000
4	CTR 0003	01090 REHAB 6828	ALL	Upgrade Existing SCADA System	Support	\$6,180,409											\$6,180,409
					Capital	\$5,561,378	\$36,213										\$5,597,591
					Total	\$11,741,788	\$36,213	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,778,001
5	CTR 0009	01407 REHAB 6825	SFO	Toll Plaza Median Landscaping	Support	\$720,000											\$720,000
					Capital	\$1,062,000											\$1,062,000
					Total	\$1,782,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,782,000
6	CTR 0010	0120T REHAB 6825	SFO	W4 Substation Upgrade, Foghorn Replacement, BASE	Support	\$2,292,500	\$2,042,500										\$4,335,000
					Capital	\$12,985,000											\$12,985,000
					Total	\$15,277,500	\$2,042,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,320,000
7	CTR 0012	04082 REHAB 6825	SFO	Replace Substation Equipment on WS***	Support	\$957,644											\$957,644
					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 REHAB 6826	SMH	Resurface Orthotropic Deck Deck Rehabilitation & 12KV Cable for Entire Bridge	Support	\$6,372,000	\$1,862,000										\$8,234,000
					Capital	\$29,500,000											\$29,500,000
					Total	\$35,872,000	\$1,862,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$37,734,000
9	CTR 0014	3G460 REHAB 6828	Var.	Northern Bridge Structural Improvements***	Support	\$176,000	-\$103,338										\$72,662
					Capital	\$0											\$0
					Total	\$176,000	-\$103,338	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$72,662
10	CTR 0015	04224 REHAB 6826	SMH	Replace Elec Cable Hangers & Upgrade 12kv System***	Support	\$2,869,539											\$2,869,539
					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 REHAB 6827	DUM	Expansion Joint Rehabilitation	Support	\$2,091,531											\$2,091,531
					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 REHAB 6825	SFO	SFOBB East Span YBITS 1 YBI Resurfacing/BASE	Support	\$1,640,000											\$1,640,000
					Capital	\$22,150,000											\$22,150,000
					Total	\$23,790,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,790,000
13	CTR 0018	04907 REHAB 6813	CAR	Replace Pier 3 Fender Structure Support and Timber Fenders at Piers 2, 3, 4***	Support	\$4,811,400											\$4,811,400
					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 REHAB 6825	SFO	Replace Lighting w/ HPS Lighting System (WB)***	Support	\$714,010											\$714,010
					Capital	\$0											\$0
					Total	\$714,010	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$714,010
15	CTR 0028	1G260 REHAB 6825	SFO	Replace Lighting w/ HPS Lighting System (EB)***	Support	\$554,232											\$554,232
					Capital	\$0											\$0
					Total	\$554,232	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$554,232
16	CTR 0031	1G660 REHAB 6825	SFO	SFOBB West Span Pathway	Support	\$1,271,000											\$1,271,000
					Capital	\$0											\$0
					Total	\$1,271,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,271,000
17	CTR 0032	1G720 REHAB 6825	SFO	Eyebar Monitoring System (ES)***	Support	\$207,931											\$207,931
					Capital	\$3,431,263											\$3,431,263
					Total	\$3,639,194	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,639,194
18	CTR 0147	2F000 REHAB 6826	SMH	Replace Damaged Transformer and Substation***	Support	\$53,276											\$53,276
					Capital	\$204,900											\$204,900
					Total	\$258,176	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$258,176
19	CTR 0035	2G420 REHAB 6828	ALL	ATCAS II Oversight***	Support	\$202,495											\$202,495
					Capital	\$0											\$0
					Total	\$202,495	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$202,495
20	CTR 0036	2G670 REHAB 6826	SMH	Cracked Girder Repairs***	Support	\$2,756,322											\$2,756,322
					Capital	\$4,034,364											\$4,034,364
					Total	\$6,790,687	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,790,687
21	CTR 0043	3G300	Var.	Replace Foghorns/Radar Beacons PID***	Support	\$67,738											\$67,738

Line No.	Project No.	EA	Bridge	Description		Thru 2016											Total	
		Program	CCA	Status		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026			
47	CTR 0126	6825			Total	\$380,000	\$0	\$117,000	\$450,000	\$3,100,000	\$325,000	\$0	\$0	\$0	\$0	\$0	\$4,372,000	
		3G448	SFO	W2 to W7 Concrete Column Repair and Seal	Support	\$0	\$309,000	\$300,000	\$300,000								\$909,000	
		REHAB			Capital	\$0		\$2,000,000									\$2,000,000	
		6825			Total	\$0	\$309,000	\$2,300,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,909,000	
48	CTR 0128	CTR 0128	SFO	Main Cable Wrap Investigations Phase 2	Support	\$0					\$2,000,000	\$6,000,000	\$2,000,000				\$10,000,000	
		REHAB			Capital	\$0					\$0	\$30,000,000					\$30,000,000	
		6825			Total	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$36,000,000	\$2,000,000	\$0	\$0	\$0	\$40,000,000	
		3G457	SFO	SFOBB - Replace Joint Seals (Upper & Lower Deck);	Support	\$1,294,000	\$1,441,000										\$2,735,000	
49	CTR 0129	REHAB		RSR - Replace Joint Seals (Upper Deck)	Capital	\$5,808,000	\$615,878										\$5,808,000	
		6825		and Resurfacing	Total	\$7,102,000	\$2,056,878	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,543,000	
		4H970	SFO	Gateway Park Oversight	Support	\$1,910,000											\$1,910,000	
		REHAB		and Link (4H971) PAED	Capital	\$0											\$0	
50	CTR 0134	6825			Total	\$1,910,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,910,000	
		01408	SFO	SFOBB Maintenance Complex	Support	\$2,864,000											\$2,864,000	
		REHAB		Maintenance Complex	Capital	\$38,600,000											\$38,600,000	
		6825			Total	\$41,464,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$41,464,000	
52	CTR 0148	01410	SFO	SFOBB Maintenance Complex	Support	\$0											\$0	
		REHAB		Maintenance Warehouse	Capital	\$15,900,000	\$2,000,000										\$15,900,000	
		6825		Phase 2	Total	\$15,900,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,900,000	
		3G443	SFO	Replace Grating Shields and Access Ladders	Support	\$1,744,000	\$209,000										\$1,953,000	
53	CTR 0151	REHAB			Capital	\$2,729,000	-\$906,878										\$2,729,000	
		6825			Total	\$4,473,000	-\$697,878	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,682,000	
		0120M	SFO	Toll Plaza Repaving	Support	\$788,000	\$37,782										\$825,782	
		REHAB			Capital	\$7,500,000	-\$37,782										\$7,462,218	
54	CTR 0152	6825			Total	\$8,288,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,288,000	
		1G310	SFO	Toll Plaza Repaving**	Support	\$0											\$0	
		REHAB			Capital	\$1,800,000											\$1,800,000	
		6825			Total	\$1,800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,800,000	
56	CTR 0154	3G440	SFO	Various Structural PIDS**	Support	\$210,000	-\$50,100										\$159,900	
		REHAB			Capital	\$0											\$0	
		6825			Total	\$210,000	-\$50,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$159,900	
		3G450	VAR	Bridge Joint Seals***	Support	\$120,000	-\$62,389										\$57,611	
57	CTR 0155	REHAB			Capital	\$0											\$0	
		6828			Total	\$120,000	-\$62,389	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$57,611	
		3G390	VAR	Bridge Lighting***	Support	\$120,000	-\$20,585										\$99,415	
		REHAB			Capital	\$0											\$0	
58	CTR 0156	6828			Total	\$120,000	-\$20,585	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$99,415	
		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	
60	CTR 0158	0120F	SFOBB	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	
		2J870	SFOBB	West Span BASE	Support	\$456,000	\$132,000											\$588,000
61	CTR 0159	REHAB			Capital	\$9,500,000											\$9,500,000	
		6825			Total	\$9,956,000	\$132,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,088,000	
		4H180	SFOBB	Refill Seismic Dampeners***	Support	\$22,052												\$22,052
		REHAB			Capital	\$252,546												\$252,546
62	CTR 0160	6825			Total	\$274,597	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$274,597	
		3G447	SFOBB	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	\$0	\$1,011,640
64	CTR 0182	3G478	Var	PID - Water Line System	Support	\$244,000	-\$50,000										\$244,000	
		REHAB		Air Compressor, Airlines	Capital	\$0											\$0	
		6828			Total	\$244,000	-\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$244,000	
		0J120	RSR	Replace Expansion Joint at Pier 44E***	Support	\$68,600												\$68,600
65	CTR 0201	REHAB			Capital	\$270,000											\$270,000	
		6814			Total	\$338,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$338,600	
		0J870	SFOBB	Install Air Gap Monitoring System***	Support	\$127,000												\$127,000
		REHAB			Capital	\$210,000												\$210,000
66	CTR 0202	6825			Total	\$337,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$337,000	
		3G360	Var.	Replace Various Navigational and Utility Equipment	Support	\$127,650												\$127,650
		REHAB		Supplemental PID***	Capital	\$0												\$0
		6828			Total	\$127,650	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$127,650
68	CTR 0204	3G301	Var.	Replace Fog Horns, Radar Beacons and	Support	\$1,040,000	\$431,000	\$800,000	\$700,000	\$300,000							\$3,271,000	
		REHAB		Related Electrical Systems on Northern Bridges	Capital	\$0	\$2,100,000		\$3,900,000								\$6,000,000	
		6828			Total	\$1,040,000	\$2,531,000	\$800,000	\$4,600,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$9,271,000	
		2J680	RSR	RSR Access - PPUL Oversight	Support	\$727,000	\$1,631,000											\$2,358,000
69	CTR 0206	REHAB			Capital	\$0											\$0	
		6814			Total	\$727,000	\$1,631,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,358,000	
		3G368	Var	Substation and Power Cable	Support	\$200,000	\$50,000											\$200,000
		REHAB			Capital	\$0												\$0
70	CTR 0212	6828			Total	\$200,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	
		01412	SFOBB	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	\$0	\$276,198

Line No.	Project No.	EA	Bridge	Description													Total
		Program	CCA			Thru 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	
72	CTR 0214	01413 REHAB 6825	SFOBB	CT Oversight of Bridge Yard (IERBYS Building Retrofit)	Support Capital Total	\$423,802 \$0 \$423,802											\$423,802 \$0 \$423,802
73	CTR 0215	21190 REHAB 6825	SFOBB	Replace transverse expansion joints *** West Span	Support Capital Total	\$950,000 \$2,400,000 \$3,350,000	\$359,010 \$455,302 \$814,312										\$1,309,010 \$1,944,698 \$3,253,708
74	CTR 0216	21410 REHAB 6813	CARQ	Al Zampa (CARQ) Joint Repair ***	Support Capital Total	\$90,000 \$281,000 \$371,000	\$56,672 \$97,408 \$154,072										\$116,672 \$183,592 \$300,265
75	CTR 0217	21400 REHAB 6825	SFOBB	I-880 Overhead Signage and Delineation Upgrade Oversight	Support Capital Total	\$40,000 \$0 \$40,000											\$40,000 \$0 \$40,000
76	CTR 0219	0K220 REHAB 6825	SFOBB	Metering Lights Upgrade Oversight	Support Capital Total	\$366,000 \$0 \$366,000		\$134,000									\$500,000 \$0 \$500,000
77	CTR 0220	4H971 REHAB 6825	SFOBB	Gateway Park Bicycle Pedestrian Path (Link)	Support Capital Total	\$3,173,000 \$0 \$3,173,000	\$-3,173,000										\$0 \$0 \$0
78	CTR 0221	TBD REHAB 6825	SFOBB	SAS Elevator Maintenance	Support Capital Total	\$0 \$240,000 \$240,000	\$-240,000										\$0 \$0 \$0
79	CTR 0222	TBD REHAB 6825	SFOBB	SAS Maintenance Administration	Support Capital Total	\$0 \$1,000,000 \$1,000,000						\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$1,000,000	\$0 \$10,000,000 \$11,000,000
80	CTR 0223	TBD REHAB 6825	SFOBB	Dehumidifier Maintenance	Support Capital Total	\$0 \$240,000 \$240,000	\$-240,000	\$1,000,000									\$0 \$1,000,000 \$1,000,000
81	CTR 0225	4J710 REHAB 6814	RSR	RSR Access - Bike Ped Oversight	Support Capital Total	\$363,000 \$0 \$363,000	\$274,000										\$637,000 \$0 \$637,000
82	CTR 0226	1K450 REHAB 8033	SFOBB	Roof Repairs at Sterling Substation	Support Capital Total	\$72,000 \$120,000 \$192,000											\$72,000 \$120,000 \$192,000
83	CTR 0227	1K470 REHAB 8033	SMH	Roof Repairs at toll admin building (Toll Plaza) Minor Rehab	Support Capital Total	\$60,000 \$100,000 \$160,000											\$60,000 \$100,000 \$160,000
84	CTR 0228	1K460 REHAB 8033	BM	Bird abatement at Benicia Toll Plaza Minor Rehab	Support Capital Total	\$150,000 \$250,000 \$400,000											\$150,000 \$250,000 \$400,000
85	CTR 0229	0K691 REHAB 6825	SFOBB	Install Grease Caps and Repair Pre-stress Tendons East Span- Director's Order	Support Capital Total	\$1,000,000 \$3,000,000 \$4,000,000											\$1,000,000 \$3,000,000 \$4,000,000
86	CTR 0230	3G482 REHAB 6812	BM	Repair Seismic Joint - Pier 3 Director's Order	Support Capital Total	\$120,000 \$291,000 \$411,000											\$120,000 \$291,000 \$411,000
87	CTR 0231	TBD REHAB 6814	RSR	Replace and Upgrade Navigational Lights to LED and connect it with SCADA for remote monitoring	Support Capital Total	\$0 \$0 \$0			\$1,500,000 \$1,500,000 \$3,000,000								\$1,500,000 \$1,500,000 \$3,000,000
88	CTR 0232	TBD REHAB 6825	SFOBB	YBI Tunnel Concrete Repair	Support Capital Total	\$0 \$600,000 \$600,000											\$0 \$600,000 \$600,000
89	CTR 0233	TBD REHAB 6825	SFOBB	W4 Fender Repair	Support Capital Total	\$0 \$0 \$0	\$2,000,000 \$1,000,000 \$3,000,000										\$2,000,000 \$1,000,000 \$3,000,000
90	CTR 0234	2K560 REHAB 6825	SFOBB	Repair SFOBB Seismic Dampers Director's Order	Support Capital Total	\$0 \$0 \$0	\$100,000 \$291,000 \$391,000										\$100,000 \$291,000 \$391,000
91	CTR Res	CTR Res REHAB 6829	Var.	Caltrans Program Contingency	Support Capital Total	\$361,936 \$0 \$361,936	\$1,606,064										\$5,000,000 \$0 \$5,000,000
92	880/92	2G361 RM1 8615	880/92	Landscaping**	Support Capital Total	\$690,000 \$1,800,000 \$2,490,000	\$470,000										\$690,000 \$1,800,000 \$2,490,000
93	880/92	2G362 RM1 8615	880/92	Landscaping**	Support Capital Total	\$800,000 \$0 \$800,000	\$36,000										\$800,000 \$0 \$800,000
94	BM	0060A RM1 8210	BM	Modification to 1962 Bridge**	Support Capital Total	\$6,211 \$0 \$6,211											\$6,211 \$0 \$6,211
95	BM	0060C RM1 8210	BM	Replacement Planting**	Support Capital Total	\$584,000 \$1,125,000 \$1,709,000											\$584,000 \$1,125,000 \$1,709,000
96	CAR	0130J RM1 8315	CAR	Site Mitigation 3**	Support Capital Total	\$150,000 \$0 \$150,000											\$150,000 \$0 \$150,000
97	CAR	0130K	CAR	Misc Landscaping**	Support	\$4,177											\$4,177

Line No.	Project No.	EA	Bridge	Description													Total		
		Program	CCA			Status	Thru 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025		2026	
					Total	\$540,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$540,000	
123	BR 0028	8917 REHAB	BATA	BATA Technology Security Review and Implementation	Support	\$0												\$0	
					Capital	\$750,000												\$750,000	
					Total	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000	
124	BR 0029	8926 REHAB	BATA	Bridge Modeling and Investigations	Support	\$2,000,000											\$2,000,000		
					Capital	\$3,000,000	\$801,198											\$3,000,000	
					Total	\$5,000,000	\$801,198	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000,000	
125	BR 0030	8000-16 REHAB	BATA	Program Monitoring	Support	\$0											\$0		
					Capital	\$46,044,709		\$500,000	\$1,500,000	\$1,000,000	\$500,000	\$500,000		\$0	\$0	\$0	\$0	\$50,044,709	
					Total	\$46,044,709	\$0	\$500,000	\$1,500,000	\$1,000,000	\$500,000	\$500,000		\$0	\$0	\$0	\$0	\$50,044,709	
126	BR 0031	8000-05 REHAB	BATA	Capital Program Audits	Support	\$0											\$0		
					Capital	\$8,000,000	\$300,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$12,800,000	
					Total	\$8,000,000	\$300,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$12,800,000	
127	BR 0033	8927 REHAB	BATA	CCTV Installation	Support	\$850,000											\$850,000		
					Capital	\$5,150,000													\$5,150,000
					Total	\$6,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,000,000	
128	BR 0034	8924 REHAB	BATA	Antioch Bridge CCTA 160/4 Interchange	Support	\$0											\$0		
					Capital	\$50,000,000													\$50,000,000
					Total	\$50,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000,000	
129	BR 0035	8930 REHAB	BATA	Richmond-San Rafael Bridge I-580 Access Improvements	Support	\$600,000	\$600,000	\$294,000									\$1,494,000		
					Capital	\$23,000,000	\$41,590,000	\$4,504,000											\$69,094,000
					Total	\$23,600,000	\$42,190,000	\$4,798,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,588,000
130	BR 0037	8932 REHAB	BATA	ETC Loop Rehabilitation new request FY 2014	Support	\$0											\$0		
					Capital	\$0													\$0
					Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
131	BR 0038	8937 REHAB	BATA	Future CSC Procurement	Support	\$0											\$0		
					Capital	\$0	\$1,500,000	\$1,500,000	\$11,000,000									\$14,000,000	
					Total	\$0	\$1,500,000	\$1,500,000	\$11,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,000,000	
132	BR 0039	8933 REHAB	BATA	Plan Bay Area TMS	Support	\$0											\$0		
					Capital	\$9,000,000													\$9,000,000
					Total	\$9,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,000,000	
133	BR 0040	8012 REHAB	BATA	All Electronic Tolling Study	Support	\$0											\$0		
					Capital	\$450,000	\$253,000			\$5,000,000								\$5,450,000	
					Total	\$450,000	\$253,000	\$0	\$0	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,450,000	
134	BR 0041	8934 REHAB	BATA	Temporary License Plate System Implementation	Support	\$0											\$0		
					Capital	\$500,000													\$500,000
					Total	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	
135	BR 0042	8935 REHAB	BATA	Communications in Bridge Corridors	Support	\$0											\$0		
					Capital	\$2,500,000													\$2,500,000
					Total	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000	
136	BR 0043	8936 REHAB	BATA	Backhaul Connection Infrastructure	Support	\$0											\$0		
					Capital	\$1,000,000													\$1,000,000
					Total	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	
137	BR 0044	8540 REHAB	BATA	Regional Transportation Sea Level Rise Asset	Support	\$0											\$0		
					Capital	\$2,000,000													\$2,000,000
					Total	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	
138	BR 0045	8530 REHAB	BATA	Drainage studies for the Bridges	Support	\$0											\$0		
					Capital	\$500,000													\$500,000
					Total	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	
139	BR 0046	8528 REHAB	BATA	Bay Lights Maintenance	Support	\$0											\$0		
					Capital	\$160,000	\$160,000	\$160,000	\$160,000	\$160,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$2,360,000	
					Total	\$160,000	\$160,000	\$160,000	\$160,000	\$160,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$2,360,000	
140	BR 0047	BR 0047 REHAB	BATA	YBI Southgate Road Realignment Misc East Span Project Improvements	Support	\$0											\$0		
					Capital	\$0	\$12,083,854												\$3,350,000
					Total	\$0	\$12,083,854	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,350,000	
141	BR Res	8928 REHAB	Var.	BATA Program Contingency RM1 Closeout	Support	\$0											\$0		
					Capital	\$3,258,612													\$3,258,612
					Total	\$3,258,612	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,258,612	

		Thru 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Total
Toll Bridge Rehabilitation Program	Support	\$189,059,875	\$25,591,090	\$14,005,000	\$14,227,000	\$10,977,000	\$8,002,000	\$8,838,000	\$15,766,000	\$8,427,000	\$5,927,000	\$5,927,000	\$306,746,965
Summary	Capital	\$816,034,442	\$93,293,706	\$38,264,000	\$35,060,000	\$66,160,000	\$54,960,000	\$12,460,000	\$12,560,000	\$13,260,000	\$12,960,000	\$12,960,000	\$1,196,972,147
	Total	\$1,005,094,316	\$118,884,796	\$52,269,000	\$49,287,000	\$77,137,000	\$62,962,000	\$21,298,000	\$57,726,000	\$20,987,000	\$19,187,000	\$18,887,000	\$1,503,719,113
Caltrans Rehabilitation Program	Support	\$167,476,874	\$24,027,090	\$13,711,000	\$14,227,000	\$10,977,000	\$8,002,000	\$8,838,000	\$15,766,000	\$8,427,000	\$5,927,000	\$5,927,000	\$283,305,965
Summary	Capital	\$391,290,026	\$12,602,520	\$11,000,000	\$10,977,000	\$48,700,000	\$15,000,000	\$2,000,000	\$32,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$529,592,550
	Total	\$558,766,900	\$36,629,614	\$25,711,000	\$25,227,000	\$59,677,000	\$23,002,000	\$10,838,000	\$47,766,000	\$10,427,000	\$7,927,000	\$6,927,000	\$812,898,515
BATA Rehabilitation Program	Support	\$21,583,000	\$1,564,000	\$294,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,441,000
Summary	Capital	\$424,744,416	\$80,691,182	\$26,264,000	\$24,060,000	\$17,460,000	\$39,960,000	\$10,460,000	\$9,960,000	\$10,560,000	\$11,260,000	\$11,960,000	\$667,379,598
	Total	\$446,327,416	\$82,255,182	\$26,558,000	\$24,060,000	\$17,460,000	\$39,960,000	\$10,460,000	\$9,960,000	\$10,560,000	\$11,260,000	\$11,960,000	\$690,820,598

*Caltrans Capital includes capital outlay construction and right-of-way.

**Previous expenses covered in RM1 Program.

*** Project closed to expenditures June 30, 2016 or earlier.



Date: June 22, 2016
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 JC 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	\$22,000,000
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)	\$33,932,828
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	\$24,000,000
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			\$1,515,000,000

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



BATA Resolution No. 118

Date: June 22, 2016

W.I.: 1256

Referred by: BATA Oversight Committee

Revised: 10/26/16-BATA

05/24/17-BATA

Attachment E-1
Bay Area Toll Authority
Toll Bridge Seismic Retrofit Program Budget Summary

Toll Bridge Seismic Retrofit Projects	Approved Total Project Budget	Adjustment	Revised Total Project Budget
	a	b	c = a + b
San Francisco-Oakland Bay Bridge East Span Replacement*	\$ 6,503,200,000	\$ 1,500,000	\$ 6,504,700,000
San Francisco-Oakland Bay Bridge West Span Retrofit	\$ 305,316,000		\$ 305,316,000
San Francisco-Oakland Bay Bridge West Approach Replacement	\$ 459,500,000		\$ 459,500,000
Richmond-San Rafael Bridge Retrofit**	\$ 812,100,000		\$ 812,100,000
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	\$ 8,719,064,000	\$ 1,500,000	\$ 8,720,564,000
Vincent Thomas Bridge Retrofit (<i>non-BATA, for information only</i>)	\$ 58,510,000		\$ 58,510,000
San Diego-Coronado Bridge Retrofit (<i>non-BATA, for information only</i>)	\$ 103,520,000		\$ 103,520,000
Program Indirects	\$ 30,000,000		\$ 30,000,000
Subtotal for All Bridges	\$ 8,911,094,000		\$ 8,912,594,000
Program Contingency	\$ 40,906,000	\$ (1,500,000)	\$ 39,406,000
Total for Toll Bridge Seismic Retrofit Program	\$ 8,952,000,000		\$ 8,952,000,000

*Capital Outlay Support details are shown on Attachment E-2



BATA Resolution No. 118
Date: June 22, 2016
W.L.: 1256
Referred by: BATA Oversight Committee
Revised: 10/26/16-BATA
05/24/17-BATA
06/28/17-BATA

Attachment E-2
Bay Area Toll Authority
Toll Bridge Seismic Retrofit Program Capital Outlay Support (COS) Budget for FY 2016-17

Contracts	Approved COS Budget	Adjustment	Revised COS Budget
San Francisco-Oakland Bay Bridge East Span Replacement	\$ 24,000,000	\$ (4,000,000)	\$ 20,000,000
Total for Toll Bridge Seismic Retrofit Program			\$ 20,000,000

Notes:

1. Assumptions in this COS Budget include no contingency or risk reserve for scope or schedule changes at this time, as these changes will only be presented as separate future budget requests if unmitigated risks, scope or schedule changes occur.
2. The COS budget is within the San Francisco-Oakland Bay Bridge East Span Replacement Project in Attachment E-1.



Date: June 22, 2016
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

Date: June 22, 2016
W.I.: 1254
Referred by: BATA Oversight Committee

Attachment G
Fund Reserve Designations
(effective June 30, 2016)

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* \$ 150 million
- Rehabilitation Reserve \$ 120 million
 (2 years @ \$60 million)
- Emergency reserve (Co-op) \$ 50 million
- Variable Rate Risk Reserve \$ 100 million
- Project/Self Insurance Reserve (SIR) \$ 580 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 #:	17-2656	Version:	1	Name:	
Type:	Contract	Status:		Authority Approval	
File created:	5/23/2017	In control:		Bay Area Toll Authority Oversight Committee	
On agenda:	6/14/2017	Final action:			
Title:	Direct Investment in \$100,000,000 San Francisco Certificates of Participation				

A request to extend authorization to make a direct investment of up to \$100,000,000 in the Certificates of Participation (COP) to be issued by the City and County of San Francisco to support construction of the Transbay Terminal Phase I project.

Sponsors:

Indexes:

Code sections:

Attachments: [5b DirectInvestment SF Certs-of Participation.pdf](#)

Date	Ver.	Action By	Action	Result
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Subject:

Direct Investment in \$100,000,000 San Francisco Certificates of Participation

A request to extend authorization to make a direct investment of up to \$100,000,000 in the Certificates of Participation (COP) to be issued by the City and County of San Francisco to support construction of the Transbay Terminal Phase I project.

Presenter:

Brian Mayhew

Recommended Action:

Authority Approval



BAY AREA TOLL AUTHORITY
Bay Area Metro Center
375 Beale Street
San Francisco, CA 94105
TEL 415.778.6700
WEB www.mtc.ca.gov

Memorandum

TO: BATA Oversight Committee

DATE: June 7, 2017

FR: Deputy Executive Director, Operations

W. I. 1254

RE: Direct Investment in \$100,000,000 San Francisco Certificates of Participation

Staff is requesting authority to extend the authorization to make a direct investment of up to \$100,000,000 in the Certificates of Participation (COP) to be issued by the City and County of San Francisco to support construction of the Transbay Terminal Phase I project. This authority would extend to December 31, 2018. Staff requests that this Committee refer this extension to the full Authority for approval.

At its meeting of April 6, 2016, the Committee authorized a direct investment of \$100 million in COPs to be issued by the Transbay Joint Powers Authority (TJPA). The COPs are authorized investments under California Government Code Section 53601 and approved as part of the MTC investment policy. Security for the financing is the general fund of the City of San Francisco backed by a local development fee. Proceeds from the financing will be used to help complete construction of Phase I of the Transbay Terminal.

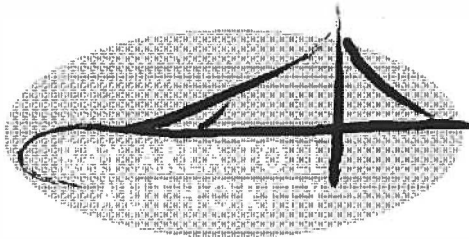
The original plan was for San Francisco to issue the COP during FY 2015-16. However, availability of proceeds from the project TIFIA loan as well as a line of credit from Wells Fargo have delayed the need to issue the COP.

Staff is requesting authority to make the investment until BATA has purchased \$100,000,000 in COPs, San Francisco declares it no longer need the funds for Phase I or December 31, 2018, whichever comes first. Attachment A includes the original request and presentation for the Committee's information.

A handwritten signature in blue ink, reading "Andrew B. Fremier", is written over a horizontal line.
Andrew B. Fremier

SH:bm
Attachment

Agenda Item 4j - Attachment A
Commission Agenda Item 4



Joseph P. Bort MetroCenter
101 Fifth Street
Oakland, CA 94607-4700
TEL 510.817.5700
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E-MAIL info@mtc.ca.gov
WEB www.mtc.ca.gov

Memorandum

TO: BATA Oversight Committee

DATE: April 6, 2016

FR: Executive Director

W. I. 1254

RE: Direct Investment in \$100 million San Francisco Certificates of Participation

Staff is requesting authority to purchase as an investment up to \$100 million in Certificates of Participation (COP) to be issued by the City and County of San Francisco. The COPs, which will have a maturity of five years with an option to renew for five more, will be issued to provide interim financing to the Transbay Joint Powers Authority (TJPA) Phase 1 Transbay Terminal Project (Transbay Project). Total size of the financing is \$260 million with Wells Fargo Bank underwriting the remaining \$160 million. The COP issuance as well as annual payments are the responsibility of the City and County of San Francisco and a pledge of the City's General Fund, not the TJPA.

Background

The Transbay Terminal was once the western train terminus of the San Francisco-Oakland Bay Bridge and as such considered part of the Bay Bridge. Replacement of the original terminal is considered an important regional project and as such MTC and BATA have made significant contributions to the new Transbay Terminal project. To date MTC and BATA have committed just over \$350 million to the project, including:

	<u>Budget (\$m)</u>	<u>Balance (\$m)</u>
RM1	\$ 54	\$ 0
AB 1171	150	13
RM2	150	0
	<u>\$ 354</u>	<u>\$ 13</u>

In addition, BATA contributes over \$3.6 million per year for maintenance of the facility. These funds are currently spent to maintain the Temporary Transbay Terminal located a block away from our new Beale Street headquarters. MTC and BATA have made a significant investment in the project and we have a substantial interest in its successful completion.

The Transbay Project has suffered repeated project delays and cost increases. The authorized Phase 1 program budget has increased over 43% since the 2010 estimate:

2010	\$1.6 billion
2013	\$1.9 billion
2015	\$2.3 billion

At the current budget estimate of \$2.3 billion, the project has both a funding and cash-flow problem. In addition the project has very little remaining of the uncommitted project contingency (\$16 million). An evaluation conducted by MTC indicated the need for the revised 2015 budget estimate including an increase of \$100 million to the project contingency. With the new estimate the Transbay Project has a Phase 1 funding shortfall of approximately \$360 million.

Financial Analysis

Financial analyses conducted by the TJPA and the City and County of San Francisco concluded that the Transbay Project will eventually have adequate revenue sources to complete the \$2.3 billion Phase 1 construction, but not nearly in time to accommodate the current construction forecast of completion in 2018.

The final funding of the Transbay Project will depend on long term financing secured by a combination of Community Facilities District (CFD) and Property Tax Increment (TI) revenue. The speed that the revenue stream grows is dependent on the pace of commercial development. Thus, an economic downturn would delay the generation of these development-based revenue streams.

The City and County of San Francisco has devised a mechanism to provide the “bridge” financing necessary to cover the project budget and cash-flow shortage. The financing plan has three parts:

1. \$100 million financing secured by current CFD revenue
2. Interim financing consisting of \$260 million COP
 - a. \$160 million privately placed to Wells Fargo Bank
 - b. \$100 million directly purchased by BATA
3. Long term financing will replace the interim COPs when revenue is adequate

San Francisco will need a combined annual revenue stream of approximately \$20 million to complete the long-term financing plan. We have reviewed the engineering and consulting reports prepared for TJPA which indicate the revenue stream could be adequate in approximately FY 2019. Slowing the development growth assumption by 25% pushes the point of revenue adequacy to FY 2021. Both are within the first five year term of the interim financing.

Our receipt of COP payments is not and will not be dependent on San Francisco receiving any income from Transbay-related revenue sources. While the City and County of San Francisco will likely utilize any available CFD or TI revenue to cover the interim variable rate COP payments, San Francisco has an obligation to budget and pay the COP payments from any available General Fund resource.

Terms

BATA has been asked to participate in the interim financing by making a direct purchase of part of the COPs issued. Wells Fargo Bank will purchase \$160 million while BATA will purchase the remaining \$100 million. Terms are as follows:

- Principal - \$100 million
- Floating Rate - .61% (61 bps) + 1 month LIBOR (1.03%)
- CAP - None
- Term - 5 years / pre-payable at any time
- Options
 - Purchase at end of term
 - Renew for up to 5 years subject to new rates/terms
 - Term-out – Amortize over 5 years rate escalates up to 7%
- Security
 - Covenant by San Francisco to budget COP payment
 - Land held by trustee
- Priority
 - Subordinate to Wells Fargo payments

The terms differ from the Wells Fargo component in two areas: BATA has agreed to a 5-year initial term while Wells Fargo has three, and BATA has agreed to accept a subordinate payment position and let Wells Fargo be paid as the first priority. BATA will receive a 5 bps (.05%) premium for these accommodations.

BATA will purchase the COPs directly from San Francisco as an investment. This transaction is similar to the \$194 million direct investment transaction with the State of California authorized by the board in 2009. In that transaction the State utilized the funds to fill a funding gap on local Proposition 1B highway projects created when Caltrans lost access to the internal state funding pool. As was the case with the State, our purchase of the San Francisco COP will be for investment purposes only and will be fully compliant with State Investment Code and our MTC investment policy.

Risks

All investments have some level of inherent risk and the COP will not be different. In addition to credit risk there is also the issue of project costs and completion.

- Credit risk – The City and County of San Francisco is a natural AA credit and there has never been a default on a AA bond.
- Payment risk – San Francisco will covenant to include the COP payments in the annual budget.
- Security risk – COP payments are a General Fund pledge by the City and County of San Francisco regardless of the level of project-based revenue. San Francisco takes all the risk for the amount and timing of CFD and TI revenue.
- Renewal Risk – The COP has a five year term although San Francisco can retire the obligation at any time. At the five year point San Francisco has the option to negotiate a new five year term or the COP converts to “term out” status and amortizes over five years at interest rates that can increase up to 7%.
- Construction Costs – Future cost increases beyond the current \$2.3 billion Phase 1 estimate are certainly possible. To mitigate that risk, a condition of this transaction is


that a cost control committee will be established, to be comprised of the San Francisco Controller, BATA/MTC and the TJPA. Its oversight duties would be similar to those performed by the Toll Bridge Program Oversight Committee for the seismic retrofit program.

- Phase 2 – This transaction captures future development revenue to finish Phase 1 of the Transbay Project that was originally reserved for construction of the Phase 2 DTX rail extension. While this clearly steepens the challenges to fully fund the \$4 billion cost of Phase 2, it is nonetheless necessary to finish Phase 1 before we proceed to the second phase of work.

As an investment, BATA has the available liquidity to hold this investment to maturity without operational or project impact.

Recommendation

Staff requests authorization to proceed with the purchase of up to \$100 million of the San Francisco COP consistent with the terms and conditions described in this memorandum. We expect the COP to be sold and the transaction to be closed by June 2016.



Steve Heminger

SH:BM

J:\COMMITTEE\BATA Oversight\2016\04_Apr'2016_BATA O\5b_TJPA_Memo.docx

City and County of San Francisco

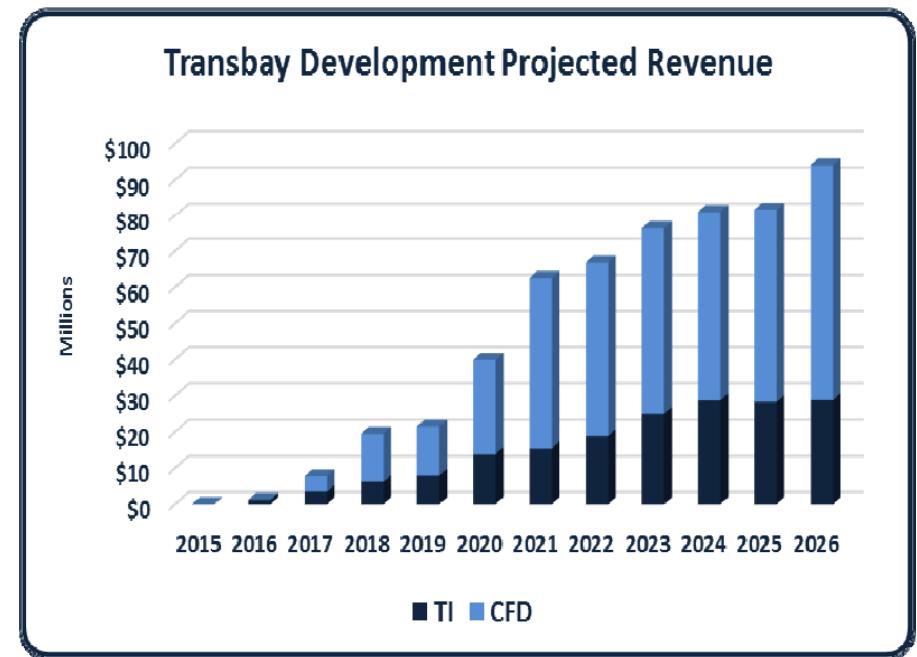
\$100 million Direct Investment COP Purchase

Background

- **BATA/MTC have committed over \$350 million to the Transbay Terminal replacement project**
 - RM1 \$54 million
 - AB 1171 \$150 million
 - RM2 \$150 million
- **Unfortunately the project has suffered a series of cost increases and delays with a resulting budget increase of 43% since 2010**
 - 2010 budget \$1.6 billion
 - 2013 budget \$1.9 billion
 - 2016 cost \$2.3 billion
- **The increase has created a serious budget and cash flow shortfall of \$360 million**
- **Funding gap net of final property sale is approximately \$250 million**

Financial Analysis

- The TJPA plan has been to utilize a Community Facilities District (CFD) “special tax” and tax increment revenue from the Transbay District
- Annual revenue levels need to reach \$20+ million
- Insufficient CFD special tax revenue for TJPA to close funding gap
- The City of San Francisco has developed a mechanism to “bridge” the gap



Bridge Financing

- **City of San Francisco interim financing plan**
 1. \$260 million interim short term financing
 - \$160 million privately sold to Wells Fargo Bank
 - \$100 million directly purchased by BATA
 2. Long term financing take out of interim financing
- **Transaction is similar to the \$194 million direct investment with the State of California**

Terms of BATA Transaction

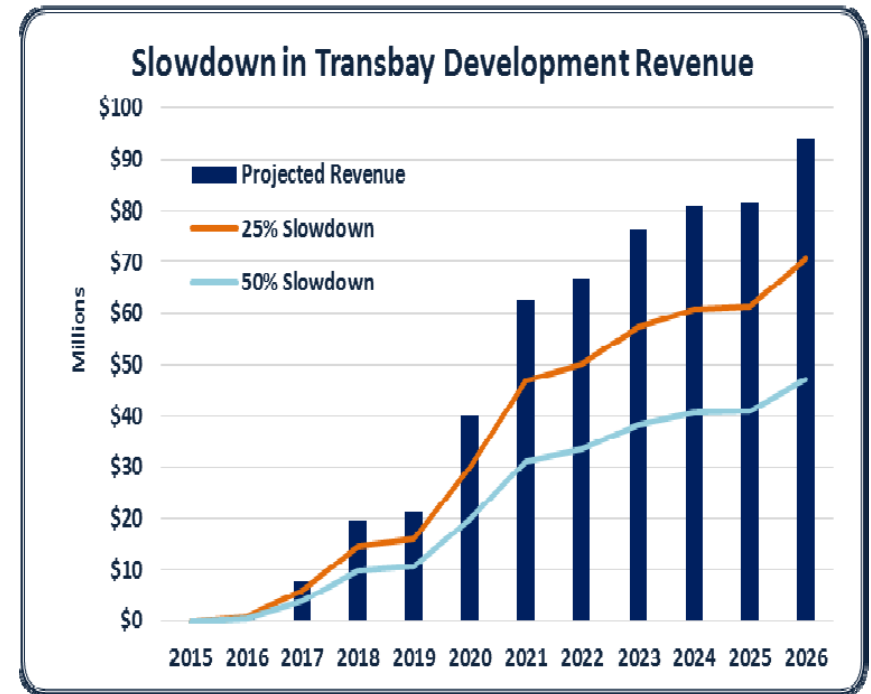
- **Proposed terms**

- Principal \$100 million
- Floating Rate Index .61% + 1 month LIBOR (1.05%)
- Rate Cap NONE
- Term 5 years initial
- Options Prepay at any time
5 year renewal option
“Term out” – over five years rate up to 6%
- Security Covenant by City of San Francisco to budget payments in General Fund
Leased land held by trustee
- Priority BATA payments subordinate to Wells Fargo payments

- **BATA receives a .05% premium over Wells Fargo Bank for agreeing to five year term and subordinating payments**

Risks

- **Bata will purchase the COP as a direct investment but all investments have risk, including**
 - Credit – San Francisco is an natural “AA” credit
 - Payment - San Francisco covenants to budget payments annually
 - Security - Payments are a General Fund pledge
San Francisco takes all risk of project based revenue delay
 - Renewal San Francisco may pay off any time
Renew for five
Amortize payment over five years
up to 6% rate
 - Costs Not a project financing
Committee established to oversee construction costs and changes





Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #:	17-2653	Version:	1	Name:	
Type:	Resolution	Status:		Authority Approval	
File created:	5/22/2017	In control:		Bay Area Toll Authority Oversight Committee	
On agenda:	6/14/2017	Final action:			
Title:	BATA Resolution No. 122 - FY 2017-18 Toll Bridge Program Operating and Capital Budgets				
	A request to refer FY 2017-18 Toll Bridge Operating and Capital Budgets, BATA Resolution No. 122, to the Authority for approval.				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	5c_BATA_Reso-122_FY2017-18_Budget.pdf				

Date	Ver.	Action By	Action	Result
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Subject:

BATA Resolution No. 122 - FY 2017-18 Toll Bridge Program Operating and Capital Budgets

A request to refer FY 2017-18 Toll Bridge Operating and Capital Budgets, BATA Resolution No. 122, to the Authority for approval.

Presenter:

Brian Mayhew

Recommended Action:

Authority Approval



BAY AREA TOLL AUTHORITY
 Bay Area Metro Center
 375 Beale Street
 San Francisco, CA 94105
 TEL 415.778.6700
 WEB www.mtc.ca.gov

Memorandum

TO: Bay Area Toll Authority

DATE: June 7, 2017

FR: Deputy Executive Director, Operations

W. I. 1251/1256

RE: BATA Resolution No. 122 – FY 2017-18 Toll Bridge Program Operating and Capital Budgets

Under this item, staff requests that BATA Resolution No. 122 authorizing the FY 2017-18 operating and capital budgets be referred to the full Authority for approval.

FY 2016-17 Operating Update

Total paid toll traffic for the first ten months year to date of FY 2016-17 is up slightly over the same period in FY 2015-16. The increase is across all seven bridges but the rate has slowed considerably from the previous year (Table 1).

Table 1

Toll Traffic – Comparison of 10 Months of FY 2015-16 and FY 2016-17

	FY 2015-16	FY 2016-17	Percent Change
Full Fare Toll Paying Vehicles	105,731,275	106,501,240	0.7%
Reduced Fare Carpool Vehicles	6,140,803	6,499,085	5.8%
Total Paid Vehicles	111,872,078	113,000,325	1.0%

Table 2

Toll Revenues – Comparison of 10 Months of FY 2015-16 and FY 2016-17

	FY 2015-16	FY 2016-17	Percent Change
Full Fare Toll Paying Vehicles	\$577,450,370	\$581,588,685	0.7%
Reduced Fare Carpool Vehicles	\$15,352,008	\$16,247,713	5.8%
Total Toll Revenue	\$592,802,378	\$597,836,398	0.8%

As a result of the slight traffic increase, toll revenue through the first ten months of FY 2016-17 is approximately \$5 million or 0.8% above FY 2015-16 (Table 2). BATA is projected to end the year with a surplus for capital commitments in excess of \$108 million.

FY 2017-18 Draft Operating Budget

The FY 2017-18 draft budget continues to reflect the strong regional economy. Besides toll revenue, interest and reimbursement revenue will also increase in the coming year. The surge in operating expense is mainly the result of the planned rollover of existing short term bond issuances in FY 2017-18. Overall BATA is expected to make another strong contribution of over \$108 million to its current capital program, of which \$63 million is designated to the Toll Bridge Rehabilitation Program. The draft FY 2017-18 operating budget is shown in Attachment A.

General Toll Revenue - \$727 million

Staff is estimating total toll revenue of \$727 million for FY 2017-18, about 2% higher than the FY 2016-17 budget. Even excluding the HOV based increase in 2010, this will be the eighth consecutive year that two-axle vehicle revenue has increased.

Other Revenues - \$103 million

Reimbursement revenue - Staff is anticipating a 13% increase in reimbursement revenue, about \$1.1 million. All agencies clearing transactions through the FasTrak® Regional Customer Service Center reimburse BATA for their FasTrak® collection costs. With the opening of the BAIFA Lanes on I-680 and increasing user volume on I-580 express lanes, reimbursement is expected to increase significantly in FY 2017-18.

Rebate for Build America Bonds (BABs) - We continue to expect the Treasury Department to make their required BABs payment. The total interest subsidy payment from the federal government will be \$71 million but still reflects a reduction due to budget sequestration.

Operating Expense

Total cost for Toll Bridge operations is proposed to be \$722 million for FY 2017-18, up 5% from FY 2016-17. Highlights of the FY 2017-18 budget include:

Toll bridge operations and maintenance expense - \$76.5 million

Caltrans Toll Collection & Operations Services - \$23.6 million

- Caltrans toll collections and operations costs are projected to increase by 4% from last year. The increase reflects salary and overhead support cost increases for Caltrans' employees.

Electronic Toll Collection - \$47.6 million

- Staff is proposing a total budget of \$24.7 million for the operation of the FasTrak® Regional Customer Service Center (RCSC), a 6% increase from FY 2016-17. The operations on I-580 express lane and first full year of BAIFA's new I-680 express lanes are the factors for this increase.
- Staff is proposing a total budget of \$13.9 million for banking/credit card fees, same as FY 2016-17. This assumes no change in interbank charges.
- Staff is proposing a total budget of \$3.7 million for collection contract/DMV expenses, a 54% increase from FY 2016-17. The surge is caused by increased user volume on all seven toll bridges, and the express lanes operation.

Toll Bridge Administration - \$31.2 million

Overall bridge administration costs will increase by \$11 million or approximately 54%. The increase is due to financing and issuance costs for the planned rollover of existing short term bonds in FY 2017-18.

Transfers to MTC - \$20.6 million

This portion of the operating budget maintains BATA's support for existing programs, transfers, and reserves throughout the agency. BATA transfers \$7.5 million, 1% of gross revenue, to MTC for general administrative support. The administrative support transfer will increase 3% consistent with the expected traffic growth. The Transbay Terminal receives maintenance support of \$4.9 million which includes the 3.5% annual increase required by statute. The Regional (RM2) marketing expense includes \$2.7 million for Clipper® promotion and outreach, and \$1.2 million for other RM2 transit projects. A transfer of \$1.1 million for ABAG San Francisco Estuary Partnership's staff overhead cost is also included in this budget.

Debt Service - \$541 million

Debt service will increase by \$24 million or approximately 5%. Higher variable interest rates and new interest payment for the FY 2016-17 issuance will increase interest payments by \$23.2 million or 5%. The budget also includes \$56 million for principal payments.

FY 2017-18 Capital Budget

Express Lanes

The FY 2017-18 BATA express lanes capital budget remains at \$342 million. Through agreement with MTC, the Bay Area Infrastructure Financing Authority (BAIFA) is responsible for the development, construction and operation of the planned 270 mile express lane program. BAIFA has approved a detailed expenditure plan for the implementation of projects that convert high occupancy vehicle lanes to express lanes on I-680 in Contra Costa County and I-880 in Alameda County, start-up funding for operations of those lanes and project development for new lanes for I-80 in Solano County.

The entire \$342 million in the express lanes Capital Budget is already incorporated into the BATA financial model. This includes a transfer of \$2.8 million to the BAIFA operating budget to help funding its first year of express lanes operation in FY 2017-18.

Toll Bridge Seismic Retrofit Program

On May 9, 2017, the Toll Bridge Program Oversight Committee (TBPOC) approved an allocation of \$4 million estimated savings from the FY 2016-17 approved budget to the FY 2017-18 budget. The Capital Outlay Support (COS) issue is an ongoing discussion with Caltrans that is not yet fully resolved.

In addition to the partial COS budget approval, the TBPOC approved an allocation of \$11.2 million from program contingency to the San Francisco-Oakland Bay Bridge (SFOBB) East Span Replacement Project for the Yerba Buena Island Transition Structures #2 (YBITS#2) Construction Contract. The \$11.2 million fund transfer request approved by the TBPOC has been included in the budget.

Table 3
Toll Bridge Seismic Retrofit Program Budget for FY 2017-18

Project	FY 2016-17 (millions)	FY 2017-18 (millions)
SFOBB East Span Replacement	\$6,504.7	\$6,515.9
Other Seismic Retrofit Projects	\$2,407.9	\$2,407.9
Subtotal	\$8,912.6	\$8,923.8
Program Contingency	\$39.4	\$28.2
Total	\$8,952.0	\$8,952.0

Toll Bridge Rehabilitation Program

The BATA Toll Bridge Rehabilitation Program is a financially constrained program. The program focuses on bridge related projects with a goal of maintaining the safe and efficient operation of the bridges and its facilities.

Table 4
Toll Bridge Rehabilitation Program Allocation Summary for FY 2017-18

	Capital Outlay Construction Allocations	Capital Outlay Support Allocations	FY 2017-18 Total	FY 2016-17 Total
Caltrans Rehabilitation Projects	\$27.1	\$19.4	\$46.5	\$36.6
BATA Rehabilitation Projects	15.8	0.3	16.1	82.3
Total	\$42.9	\$19.7	\$62.6	\$118.9

The program budget for FY 2017-18 is \$62.6 million, down from \$118.9 million in FY 2016-17. The higher allocation in FY 2016-17 budget was mainly due to the \$42 million allocation to the Richmond/San Rafael Access Improvement project. Total projected project expenditures over the 10-year plan are estimated to be \$630 million or an average annual budget of \$63 million.

Reserve Designations

The Authority's approval of the FY 2013-14 Plan of Finance (BATA Resolution No. 110) approved November 20, 2013, designated BATA's reserves status to help BATA maintain operations through various emergency scenarios without the need for toll increases. The reserve designations are as follows:

	<u>Funding (\$million)</u>
Project/self-insurance reserve (SIR)	\$ 580
Two years rehabilitation funding	120
Two years operations & maintenance	150
Emergency reserve (Co-op)	50
Variable rate risk reserve	<u>100</u>
Total	\$1,000

BATA continues to maintain full funding of all designated reserves.

Recommendation

Staff recommends that this Committee refer the BATA Toll Bridge and Operating Budgets for FY 2017-18, BATA Resolution No.122, to the Authority for approval.



Andrew B. Premier

SH:bm
Attachments

Date: June 28, 2017
W.I.: 1251, 1252, 1253, 1254, 1255, 1256
Referred by: BATA Oversight

ABSTRACT

BATA Resolution No. 122

This resolution approves the FY 2017-18 Toll Bridge Program Operating and Capital Budgets.

Discussion of this resolution item can be found in the Deputy Executive Director's Memorandum to the BATA Oversight Committee dated June 7, 2017.

Date: June 28, 2017
W.I.: 1251, 1252, 1253, 1254, 1255, 1256
Referred by: BATA Oversight

BAY AREA TOLL AUTHORITY
RESOLUTION No. 122

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, BATA staff has prepared a proposed budget for FY 2017-18 that includes anticipated revenues and expenses, as set forth in Attachment A, and reserve designations as set forth in Attachment G 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 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 G of this resolution; and

WHEREAS, the final draft BATA budget for FY 2017-18 was reviewed and recommended by the BATA Oversight Committee for approval; now, therefore, be it

RESOLVED, that BATA approves the FY 2017-18 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 BATA delegates to the Oversight Committee the authority to approve all contracts and expenditures as well as capital projects in BATA's budget for FY 2017-18, 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 expenditures authorized in the BATA budget for FY 2017-18; and, be it further

RESOLVED, that the Authority adopt budgets for the FY 2017-18 RM 2, Rehab, SRP, AB 1171, and Express Lanes Capital programs for the state-owned toll bridges, as listed in Attachments B through F; 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 and funds properly budgeted in the prior year for which expenditures were budgeted and encumbered and which will take place in FY 2017-18, and be it further

RESOLVED, that BATA has approved a total budget of \$342 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 the Authority authorizes fund reserve designations, effective June 30, 2017, as listed in Attachment G; 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

Jake Mackenzie, 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 28, 2017.

Date: June 28, 2017
W.I.: 1251, 1252, 1253, 1254, 1255, 1256
Referred by: BATA Oversight

Attachments
BATA Resolution No. 122

FY 2017-18 Toll Bridge Program
Operating and Capital Budgets

Attachment A: FY 2017-18 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 2017-27 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 2017-18 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, (comprised of Attachment E-1 detailing the total project budgets and Attachment E-2 detailing capital outlay support allocations for FY 2017-18).

Attachment F: AB 1171 Capital Program.

Attachment G: Fund Reserve Designations, effective June 30, 2017.



ATTACHMENT A BAY AREA TOLL AUTHORITY OPERATING BUDGET FY 2017-18

BATA Resolution No. 122
Date: June 28, 2017
W.L.: 1251 - 1256
Referred by: BATA Oversight Committee

OPERATING REVENUE-EXPENSE SUMMARY

	APPROVED BUDGET FY 2016-17	ORIGINAL BUDGET FY 2017-18	Change % Inc./Dec	Change \$ Inc./Dec	
General Toll Revenue	\$709,352,538	\$727,425,100	2.5%	\$18,072,562	L1
Violation Revenue	10,000,000	10,000,000	0.0%	\$0	L2
Interest Revenue	10,400,000	12,000,000	15.4%	1,600,000	L3
Reimbursement Revenue	8,481,000	9,551,000	12.6%	1,070,000	L4
Rebate for Build America Bonds	71,355,353	71,278,791	-0.1%	(76,562)	L5
Total Operating Revenue	\$809,588,891	\$830,254,891	2.6%	\$20,666,000	
Total Operating Expense	\$685,619,205	\$722,077,748	5.3%	\$36,458,543	
Operating Surplus	\$123,969,686	\$108,177,143	-12.7%	(\$15,792,543)	
Transfer to Reserves	\$123,969,686	\$108,177,143			
Total Operating Surplus (Shortfall)	\$0	\$0		\$0	

REVENUE DETAIL BUDGET FY 2017-18

	APPROVED BUDGET FY 2016-17	ORIGINAL BUDGET FY 2017-18	Change % Inc./Dec	Change \$ Inc./Dec
General Toll Revenue (subtotal)	\$709,352,538	\$727,425,100	2.5%	\$18,072,562
RM 1 & Seismic Toll Revenues	\$583,001,487	\$597,732,225	2.5%	\$14,730,738
RM 2 Toll Revenues	126,351,051	129,692,875	2.6%	3,341,824
Violation Revenue (subtotal)	\$10,000,000	\$10,000,000	0.0%	\$0
Other Revenue (Violations)	\$10,000,000	\$10,000,000	0.0%	\$0
Interest Revenue (subtotal)	\$10,400,000	\$12,000,000	15.4%	\$1,600,000
RM1 Interest Earnings	\$8,320,000	\$9,600,000	15.4%	\$1,280,000
RM2 Interest Earnings	2,080,000	2,400,000	15.4%	320,000
Reimbursement Revenue (subtotal)	\$8,481,000	\$9,551,000	12.6%	\$1,070,000
GGBHTD Fastrak Reimbursement	\$6,733,000	\$6,733,000	0.0%	\$0
ACTC Reimbursement	1,150,000	2,220,000	93.0%	1,070,000
VTA 237 Express Lane Reimbursement	135,000	135,000	0.0%	0
SFO Airport Reimbursement	463,000	463,000	0.0%	0
Rebate for Build America Bonds (subtotal)	\$71,355,353	\$71,278,791	-0.1%	(\$76,562)
Rebate for Build America Bonds	\$71,355,353	\$71,278,791	-0.1%	(\$76,562)
Total Current Year Revenue	\$809,588,891	\$830,254,891	2.6%	\$20,666,000

EXPENSE DETAIL

BUDGET FY 2017-18

	APPROVED BUDGET FY 2016-17	ORIGINAL BUDGET FY 2017-18	Change % Inc./Dec	Change \$ Inc./Dec	
Operating Expense					
Caltrans Operations and Maintenance (Subtotal)	\$33,021,000	\$28,900,000	-12.5%	(\$4,121,000)	
Toll Collection & Operations Services	\$22,700,000	\$23,600,000	4.0%	\$900,000	L6
Toll Bridge & Facility Maintenance (Category A&B)	10,000,000	5,300,000	-47.0%	(4,700,000)	L7
Caltrans Coordination	321,000	0	-100.0%	(321,000)	L8
Fastrak Operations and Maintenance (Subtotal)	\$44,685,306	\$47,644,500	6.6%	\$2,959,194	
RCSC Operations	\$23,400,000	\$24,700,000	5.6%	\$1,300,000	L9
Banking/Credit Card Fees	13,900,000	13,900,000	0.0%	0	L10
ATCAS Facility and In-lane Maintenance	3,417,306	3,700,000	8.3%	282,694	L11
ATCAS Hardware/Software Maintenance	1,568,000	1,644,500	4.9%	76,500	L12
Collections Contract/DMV Expenses	2,400,000	3,700,000	54.2%	1,300,000	L13
Toll Bridge Operations and Maintenance Total	\$77,706,306	\$76,544,500	-1.5%	(\$1,161,806)	
Toll Bridge Administration (Subtotal)	\$20,197,671	\$31,161,970	54.3%	\$10,964,299	
Salaries and Benefits	\$9,615,949	\$10,145,279	5.5%	\$529,330	L14
Temporary Assistance	45,649	77,078	68.8%	31,429	L15
Travel&Training/Printing/Memberships	412,459	406,913	-1.3%	(5,546)	L16
Other	95,000	105,000	10.5%	10,000	L17
Financing Costs	3,631,600	14,512,500	299.6%	10,880,900	L18
Audit/Accounting/Other	3,427,014	2,665,200	-22.2%	(761,814)	L19
Beale St Assessment	1,750,000	2,000,000	14.3%	250,000	L20
Business Insurance	600,000	600,000	0.0%	0	L21
Misc. Toll Administration Operating Expenses	500,000	550,000	10.0%	50,000	L22
CTC TBPOC Oversight Committee Reimbursement	120,000	100,000	-16.7%	(20,000)	L23
Consultant Contract/Other (Subtotal)	\$2,365,000	\$2,065,000	-12.7%	(\$300,000)	
ETC Marketing	\$850,000	\$900,000	5.9%	\$50,000	L24
Toll Plaza Traffic Operations Analysis	150,000	150,000	0.0%	0	L25
RM2 Project Monitoring - Capital & Ops. Program	365,000	265,000	-27.4%	(100,000)	L26
BATA Contract Contingency	500,000	250,000	-50.0%	(250,000)	L27
RM2 Contract Contingency	500,000	500,000	0.0%	0	L28
Transfers to MTC (Subtotal)	\$18,740,159	\$20,604,115	9.9%	\$1,863,956	
1% Administration	\$7,297,525	\$7,494,251	2.7%	\$196,726	L29
Transfer to MTC	273,550	597,300	118.4%	323,750	L30
RM2 Marketing	3,750,000	3,860,000	2.9%	110,000	L31
Transfer to Legal Reserve	2,387,216	2,450,000	2.6%	62,784	L32
Disaster Preparedness	40,000	40,000	0.0%	0	L33
Transbay Transit Terminal Maintenance	4,691,868	4,856,084	3.5%	164,216	L34
Transfer to SAFE	300,000	200,000	-33.3%	(100,000)	L35
Transfer to ABAG SFEP	0	1,106,480	N/A	1,106,480	L36
Debt Service	\$516,410,069	\$540,542,163	4.7%	\$24,132,094	L37
RM2 Transit Operating	\$45,000,000	\$45,000,000	0.0%	\$0	L38
Furniture/Equipment	\$50,000	\$50,000	0.0%	\$0	L39
Provision for Depreciation/Amortization	\$5,150,000	\$6,110,000	18.6%	\$960,000	L40
Total Operating Expense	\$685,619,205	\$722,077,748	5.3%	\$36,458,543	



BATA Resolution No. 122
Date: June 28, 2017
W.I.: 6840/6953
Referred by: BATA Oversight Committee

Attachment B
Bay Area Toll Authority

Other Capital Projects

Program	Other Capital Projects	Prior Approved BATA Budget	FY 2016-17 Budget	FY 2017-18 Budget	Life to Date Project Budget
6840	Express Lanes Projects - Total*	\$ 342,186,120	\$ -	\$ -	\$ 342,186,120
6953	Core Capacity Challenge - Grant	\$ 250,000,000	\$ -	\$ -	\$ 250,000,000

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



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

BATA Resolution No. 122
 Date: June 28, 2017
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2017	2018	Adjustments	Thru 2018
Toll Bridge Rehabilitation Program Summary	Support	\$214,650,965	\$19,629,325		\$234,280,291
	Capital	\$909,328,147	\$42,937,041		\$952,265,189
	Total	\$1,123,979,113	\$62,566,367	\$0	\$1,186,545,479

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2017	2018	Adjustments	Thru 2018
1	Completed	REHAB 8030	Var.	Completed/Closed Rehab Projects	Support	\$38,665,694			\$38,665,694
					Capital	\$78,636,635			\$78,636,635
					Total	\$117,302,329	\$0	\$0	\$117,302,329
2	CTR 0001	00297 REHAB 6825	SFO	Construct New Toll Operations Building***	Support	\$7,625,800			\$7,625,800
					Capital	\$0			\$0
					Total	\$7,625,800	\$0	\$0	\$7,625,800
3	CTR 0002	00394 REHAB 6814	RSR	RSR Maintenance Building***	Support	\$5,885,000			\$5,885,000
					Capital	\$4,641,000			\$4,641,000
					Total	\$10,526,000	\$0	\$0	\$10,526,000
4	CTR 0003	01090 REHAB 6828	ALL	Upgrade Existing SCADA System	Support	\$6,180,409			\$6,180,409
					Capital	\$5,597,591			\$5,597,591
					Total	\$11,778,001	\$0	\$0	\$11,778,001
5	CTR 0009	01407 REHAB 6825	SFO	Toll Plaza Median Landscaping	Support	\$720,000			\$720,000
					Capital	\$1,062,000			\$1,062,000
					Total	\$1,782,000	\$0	\$0	\$1,782,000
6	CTR 0010	0120T REHAB 6825	SFO	W4 Substation Upgrade, Foghorn Replacement, BASE	Support	\$4,335,000			\$4,335,000
					Capital	\$12,985,000			\$12,985,000
					Total	\$17,320,000	\$0	\$0	\$17,320,000
7	CTR 0012	04082 REHAB 6825	SFO	Replace Substation Equipment on WS***	Support	\$957,644			\$957,644
					Capital	\$869,782			\$869,782
					Total	\$1,827,425	\$0	\$0	\$1,827,425
8	CTR 0013	04100 REHAB 6826	SMH	Resurface Orthotropic Deck Deck Rehabilitation & 12KV Cable for Entire Bridge***	Support	\$8,234,000			\$8,234,000
					Capital	\$29,500,000			\$29,500,000
					Total	\$37,734,000	\$0	\$0	\$37,734,000
9	CTR 0014	3G460 REHAB 6828	Var.	Northern Bridge Structural Improvements***	Support	\$72,662			\$72,662
					Capital	\$0			\$0
					Total	\$72,662	\$0	\$0	\$72,662
10	CTR 0015	04224 REHAB 6826	SMH	Replace Elec Cable Hangers & Upgrade 12kv System***	Support	\$2,869,539			\$2,869,539
					Capital	\$2,777,316			\$2,777,316
					Total	\$5,646,855	\$0	\$0	\$5,646,855
11	CTR 0016	04225 REHAB 6827	DUM	Expansion Joint Rehabilitation***	Support	\$2,091,531			\$2,091,531
					Capital	\$2,700,672			\$2,700,672
					Total	\$4,792,203	\$0	\$0	\$4,792,203
12	CTR 0145	0120S REHAB 6825	SFO	SFOBB East Span YBITS 1 YBI Resurfacing/BASE Replace Lighting w/ HPS Lighting System	Support	\$1,640,000			\$1,640,000
					Capital	\$22,150,000			\$22,150,000
					Total	\$23,790,000	\$0	\$0	\$23,790,000
13	CTR 0018	04907 REHAB 6813	CAR	Replace Pier 3 Fender Structure Support and Timber Fenders at Piers 2, 3, 4***	Support	\$4,811,400			\$4,811,400
					Capital	\$17,652,449			\$17,652,449
					Total	\$22,463,849	\$0	\$0	\$22,463,849
14	CTR 0027	1G250 REHAB 6825	SFO	Replace Lighting w/ HPS Lighting System (WB)***	Support	\$714,010			\$714,010
					Capital	\$0			\$0
					Total	\$714,010	\$0	\$0	\$714,010
15	CTR 0028	1G260 REHAB 6825	SFO	Replace Lighting w/ HPS Lighting System (EB)***	Support	\$554,232			\$554,232
					Capital	\$0			\$0
					Total	\$554,232	\$0	\$0	\$554,232
16	CTR 0031	1G660 REHAB 6825	SFO	SFOBB West Span Pathway	Support	\$1,271,000			\$1,271,000
					Capital	\$0			\$0
					Total	\$1,271,000	\$0	\$0	\$1,271,000
17	CTR 0032	1G720 REHAB 6825	SFO	Eyebrow Monitoring System (ES)***	Support	\$207,931			\$207,931
					Capital	\$3,431,263			\$3,431,263
					Total	\$3,639,194	\$0	\$0	\$3,639,194
18	CTR 0147	2F000 REHAB 6826	SMH	Replace Damaged Transformer and Substation***	Support	\$53,276			\$53,276
					Capital	\$204,900			\$204,900
					Total	\$258,176	\$0	\$0	\$258,176
19	CTR 0035	2G420 REHAB 6828	ALL	ATCAS II Oversight***	Support	\$202,495			\$202,495
					Capital	\$0			\$0
					Total	\$202,495	\$0	\$0	\$202,495

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA			Thru 2017	2018	Adjustments	Thru 2018
20	CTR 0036	2G670 REHAB 6826	SMH	Cracked Girder Repairs***	Support Capital Total	\$2,756,322 \$4,034,364 \$6,790,687			\$2,756,322 \$4,034,364 \$6,790,687
21	CTR 0043	3G300 REHAB 6828	Var.	Replace Foghorns/Radar Beacons PID***	Support Capital Total	\$67,738 \$0 \$67,738			\$67,738 \$0 \$67,738
22	CTR 0045	3G442 REHAB 6825	SFO	Replace Seismic Dampeners (WS)	Support Capital Total	\$4,611,000 \$1,388,000 \$5,999,000	\$230,000 \$21,612,000		\$4,841,000 \$23,000,000 \$27,841,000
23	CTR 0048	3G487 REHAB 6825	SFO	Bridge Paint Part 1	Support Capital Total	\$157,200 \$0 \$157,200			\$157,200 \$0 \$157,200
24	CTR 0049	3G470 REHAB 6828	Var.	Replace travelers and Rails PIDS***	Support Capital Total	\$159,815 \$0 \$159,815			\$159,815 \$0 \$159,815
25	CTR 0051	3G480 REHAB 6828	Var.	Caltrans PSR Planning Paint Bridge Structures PID ***	Support Capital Total	\$64,164 \$0 \$64,164			\$64,164 \$0 \$64,164
26	CTR 0052	3G484 REHAB 6814	RSR	Bridge Paint (Lower Deck Only) Part 1	Support Capital Total	\$8,275,000 \$35,000,000 \$43,275,000			\$8,275,000 \$35,000,000 \$43,275,000
27	CTR 0053	3G486 REHAB 6826	SMH	Bridge Paint Part 1	Support Capital Total	\$5,267,000 \$54,000,000 \$59,267,000	\$3,356,000		\$8,623,000 \$54,000,000 \$62,623,000
28	CTR 0055	3G474 REHAB 6814	RSR	Traveler Rail Upgrades and Scaffolding Ergonomics Improvements	Support Capital Total	\$872,000 \$0 \$872,000			\$872,000 \$0 \$872,000
29	CTR 0056	4A860 REHAB 6825	SFO	Repair Timber Fender at W5***	Support Capital Total	\$335,109 \$1,429,316 \$1,764,424			\$335,109 \$1,429,316 \$1,764,424
30	CTR 0057	4G280 REHAB 6825	SFO	Toll Plaza Renovation Oversight***	Support Capital Total	\$352,488 \$0 \$352,488			\$352,488 \$0 \$352,488
31	CTR 0058	4G290 REHAB 6825	SFO	Toll Plaza Crash Cushion and Pump Station Oversight ***	Support Capital Total	\$396,591 \$0 \$396,591			\$396,591 \$0 \$396,591
32	CTR 0059	91206 REHAB 8629	ALL	OSM Rehab Planning***	Support Capital Total	\$158,660 \$0 \$158,660			\$158,660 \$0 \$158,660
33	CTR 0060	91207 REHAB 6828	Var.	Caltrans Capital Coordination	Support Capital Total	\$6,241,000 \$0 \$6,241,000	\$900,000		\$7,141,000 \$0 \$7,141,000
34	CTR 0061	93030 REHAB 6828	ALL	Toll Bridge Inspections	Support Capital Total	\$20,600,000 \$0 \$20,600,000	\$3,700,000		\$24,300,000 \$0 \$24,300,000
35	CTR 0062	93870 REHAB 6828	ALL	Base Security	Support Capital Total	\$10,500,000 \$0 \$10,500,000	\$1,700,000		\$12,200,000 \$0 \$12,200,000
36	CTR 0235	TBD REHAB 6828	Var.	Structural Steel Paint by State Forces	Support Capital Total	\$0 \$0 \$0	\$6,000,000		\$6,000,000 \$0 \$6,000,000
37	CTR 0064	97037 REHAB 8033	ANT	Toll Plaza Rehab Projects***	Support Capital Total	\$0 \$179,979 \$179,979			\$0 \$179,979 \$179,979
38	CTR 0065	97047 REHAB 8033	SFO	Toll Plaza Rehab Projects***	Support Capital Total	\$0 \$3,386 \$3,386			\$0 \$3,386 \$3,386
39	CTR 0069	97708 REHAB 6828	Var.	Caltrans ETC Traffic Operations Support	Support Capital Total	\$6,150,000 \$0 \$6,150,000	\$400,000		\$6,550,000 \$0 \$6,550,000
40	CTR 0078	3G462 REHAB 6812	BM	Floor Beam Mitigation Phase 1 (Modification of stringer floor beams due to fatigue cracks and Bearing Shear Bolts)	Support Capital Total	\$1,616,000 \$900,000 \$2,516,000	\$156,000		\$1,772,000 \$900,000 \$2,672,000
41	CTR 0084	CTR 0084 REHAB 6812	BM	Floor Beam Mitigation Phase 2	Support Capital Total	\$0 \$0 \$0			\$0 \$0 \$0
42	CTR 0088	3G403 REHAB 6813	CAR	Anchorage Modification, Drainage Improvements, Polyester Concrete Overlay (1958) and Ped Replace Joint Seals (1958)	Support Capital Total	\$3,086,000 \$9,200,000 \$12,286,000	\$736,000		\$3,822,000 \$9,200,000 \$13,022,000
43	CTR 0097	3G305 REHAB 6828	Var.	Replace Fog Horns, Radar Beacons and Related Electrical Systems on Southern Bridges	Support Capital Total	\$2,594,000 \$4,500,000 \$7,094,000			\$2,594,000 \$4,500,000 \$7,094,000

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA	Status		Thru 2017	2018	Adjustments	Thru 2018
44	CTR 0107	3G364 REHAB 6814	RSR	Substations Upgrade	Support Capital Total	\$1,903,000 \$6,700,000 \$8,603,000			\$1,903,000 \$8,500,000 \$10,403,000
45	CTR 0119	3G307 REHAB 6825	SFO	Fog Horns (West Spans)***	Support Capital Total	\$339,821 \$0 \$339,821			\$339,821 \$0 \$339,821
46	CTR 0120	3G444 REHAB 6825	SFO	Main Cable Wrap Investigations Phase 1	Support Capital Total	\$423,000 \$0 \$423,000	\$4,000,000		\$423,000 \$0 \$423,000
47	CTR 0121	3G477 REHAB 6825	SFO	Traveler Replacements and Rail Upgrades	Support Capital Total	\$380,000 \$0 \$380,000			\$380,000 \$0 \$380,000
48	CTR 0126	3G448 REHAB 6825	SFO	W2 to W7 Concrete Column Repair and Seal	Support Capital Total	\$0 \$0 \$0			\$0 \$0 \$0
49	CTR 0128	CTR 0128 REHAB 6825	SFO	Main Cable Wrap Investigations Phase 2	Support Capital Total	\$0 \$0 \$0			\$0 \$0 \$0
50	CTR 0129	3G457 REHAB 6825	SFO	SFOBB - Replace Joint Seals (Upper & Lower Deck); RSR - Replace Joint Seals (Upper Deck) and Resurfacing	Support Capital Total	\$2,735,000 \$6,423,878 \$9,158,878	\$770,000		\$3,505,000 \$6,423,878 \$9,928,878
51	CTR 0134	4H970 REHAB 6825	SFO	Gateway Park Oversight and Link (4H971) PAED	Support Capital Total	\$1,910,000 \$0 \$1,910,000			\$1,910,000 \$0 \$1,910,000
52	CTR 0147	01408 REHAB 6825	SFO	SFOBB Maintenance Complex Maintenance Complex	Support Capital Total	\$2,864,000 \$38,600,000 \$41,464,000			\$2,864,000 \$38,600,000 \$41,464,000
53	CTR 0148	01410 REHAB 6825	SFO	SFOBB Maintenance Complex Maintenance Warehouse Phase 2	Support Capital Total	\$0 \$17,900,000 \$17,900,000			\$0 \$17,900,000 \$17,900,000
54	CTR 0151	3G443 REHAB 6825	SFO	Replace Grating Shields and Access Ladders***	Support Capital Total	\$1,953,000 \$1,822,122 \$3,775,122			\$1,953,000 \$1,822,122 \$3,775,122
55	CTR 0152	0120M REHAB 6825	SFO	Toll Plaza Repaving	Support Capital Total	\$825,782 \$7,462,218 \$8,288,000			\$825,782 \$7,462,218 \$8,288,000
56	CTR 0153	1G310 REHAB 6825	SFO	Toll Plaza Repaving***	Support Capital Total	\$0 \$1,800,000 \$1,800,000			\$0 \$1,602,286 \$1,602,286
57	CTR 0154	3G440 REHAB 6825	SFO	Various Structural PIDS***	Support Capital Total	\$159,900 \$0 \$159,900			\$159,900 \$0 \$159,900
58	CTR 0155	3G450 REHAB 6828	VAR	Bridge Joint Seals***	Support Capital Total	\$57,611 \$0 \$57,611			\$57,611 \$0 \$57,611
59	CTR 0156	3G390 REHAB 6828	VAR	Bridge Lighting***	Support Capital Total	\$99,415 \$0 \$99,415			\$99,415 \$0 \$99,415
60	CTR 0157	3G400 REHAB 6828	VAR	Bridge Overlays***	Support Capital Total	\$134,556 \$0 \$134,556			\$134,556 \$0 \$134,556
61	CTR 0158	0120F REHAB 6825	SFOBB	East Span Base	Support Capital Total	\$0 \$1,965,000 \$1,965,000			\$0 \$1,965,000 \$1,965,000
62	CTR 0159	2I870 REHAB 6825	SFOBB	West Span BASE	Support Capital Total	\$588,000 \$9,500,000 \$10,088,000			\$588,000 \$9,500,000 \$10,088,000
63	CTR 0160	4H180 REHAB 6825	SFOBB	Refill Seismic Dampeners***	Support Capital Total	\$22,052 \$252,546 \$274,597			\$22,052 \$252,546 \$274,597
64	CTR 0163	3G447 REHAB 6825	SFOBB	Rebuild Damaged Fender System *** W6	Support Capital Total	\$238,798 \$772,842 \$1,011,640			\$238,798 \$772,842 \$1,011,640
65	CTR 0182	3G478 REHAB 6828	Var	PID - Water Line System Air Compressor, Airlines***	Support Capital Total	\$194,000 \$0 \$194,000	-\$693		\$193,307 \$0 \$193,307
66	CTR 0201	0J120 REHAB 6814	RSR	Replace Expansion Joint at Pier 44E***	Support Capital Total	\$68,600 \$270,000 \$338,600			\$68,600 \$270,000 \$338,600
67	CTR 0202	0I870 REHAB 6825	SFO	Install Air Gap Monitoring System***	Support Capital Total	\$127,000 \$210,000 \$337,000	-\$31,006 -\$81,245		\$95,994 \$128,755 \$224,749

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA			Thru 2017	2018	Adjustments	Thru 2018
68	CTR 0203	3G360 REHAB 6828	Var.	Replace Various Navigational and Utility Equipment Supplemental PID***	Support Capital Total	\$127,650 \$0 \$127,650	-\$1 \$0 -\$1		\$127,649 \$0 \$127,649
69	CTR 0204	3G301 REHAB 6828	Var.	Replace Fog Horns, Radar Beacons and Related Electrical Systems on Northern Bridges	Support Capital Total	\$1,040,000 \$0 \$1,040,000			\$1,040,000 \$0 \$1,040,000
70	CTR 0206	2J680 REHAB 6814	RSR	RSR Access – PPUL Oversight	Support Capital Total	\$2,358,000 \$0 \$2,358,000	\$1,060,000 \$0 \$1,060,000		\$3,418,000 \$0 \$3,418,000
71	CTR 0212	3G368 REHAB 6828	Var	Substation and Power Cable	Support Capital Total	\$250,000 \$0 \$250,000			\$250,000 \$0 \$250,000
72	CTR 0213	01412 REHAB 6825	SFO	CT Oversight of Bridge Yard *** (IERBYS Building Slab)	Support Capital Total	\$276,198 \$0 \$276,198	\$0 \$0 \$0		\$276,198 \$0 \$276,198
73	CTR 0214	01413 REHAB 6825	SFO	CT Oversight of Bridge Yard (IERBYS Building Retrofit)***	Support Capital Total	\$423,802 \$0 \$423,802	\$52,376 \$0 \$52,376		\$476,178 \$0 \$476,178
74	CTR 0215	2J190 REHAB 6825	SFO	Replace transverse expansion joints *** West Span	Support Capital Total	\$1,309,010 \$1,944,698 \$3,253,708			\$1,309,010 \$1,944,698 \$3,253,708
75	CTR 0216	2J410 REHAB 6813	CARQ	Al Zampa (CARQ) Joint Repair ***	Support Capital Total	\$146,672 \$183,592 \$330,265			\$146,672 \$183,592 \$330,265
76	CTR 0217	2J400 REHAB 6825	SFO	I-880 Overhead Signage and Delineation Upgrade Oversight***	Support Capital Total	\$40,000 \$0 \$40,000	\$6,649 \$0 \$6,649		\$46,649 \$0 \$46,649
77	CTR 0219	0K220 REHAB 6825	SFO	Metering Lights Upgrade Oversight	Support Capital Total	\$366,000 \$0 \$366,000			\$366,000 \$0 \$366,000
78	CTR 0222	TBD REHAB 6825	SFO	SFOBB Maintenance Administration	Support Capital Total	\$0 \$1,000,000 \$1,000,000			\$0 \$1,000,000 \$1,000,000
79	CTR 0225	4J710 REHAB 6814	RSR	RSR Access - Bike Ped Oversight	Support Capital Total	\$637,000 \$0 \$637,000	\$300,000 \$0 \$300,000		\$937,000 \$0 \$937,000
80	CTR 0226	1K450 REHAB 8033	SFO	Roof Repairs at Sterling Substation Minor Rehab***	Support Capital Total	\$72,000 \$120,000 \$192,000			\$72,000 \$120,000 \$192,000
81	CTR 0227	1K470 REHAB 8033	SMH	Roof Repairs at toll admin building (Toll Plaza) Minor Rehab***	Support Capital Total	\$60,000 \$100,000 \$160,000	\$0 \$0 \$0		\$60,000 \$100,000 \$160,000
82	CTR 0228	1K460 REHAB 8033	BM	Bird abatement at Benicia Toll Plaza Minor Rehab	Support Capital Total	\$150,000 \$250,000 \$400,000			\$150,000 \$250,000 \$400,000
83	CTR 0229	0K691 REHAB 6825	SFO	Install Grease Caps and Repair Pre-stress Tendons East Span- Director's Order	Support Capital Total	\$1,000,000 \$3,000,000 \$4,000,000			\$1,000,000 \$3,000,000 \$4,000,000
84	CTR 0230	3G482 REHAB 6812	BM	Repair Seismic Joint - Pier 3 Director's Order	Support Capital Total	\$120,000 \$291,000 \$411,000			\$120,000 \$291,000 \$411,000
85	CTR 0231	TBD REHAB 6814	RSR	Replace Aircraft Beacon, Fog Horns, Radar Beacons and Related Electrical Systems and connect with SCADA	Support Capital Total	\$0 \$0 \$0			\$0 \$0 \$0
86	CTR 0232	2K960 REHAB 6825	SFO	YBI Tunnel Concrete Repair	Support Capital Total	\$600,000 \$1,400,000 \$2,000,000			\$600,000 \$1,400,000 \$2,000,000
87	CTR 0233	3G445 REHAB 6825	SFO	W4 Fender Repair Director's Order	Support Capital Total	\$1,000,000 \$3,250,000 \$4,250,000			\$1,000,000 \$3,250,000 \$4,250,000
88	CTR 0234	2K560 REHAB 6825	SFO	Repair SFOBB Seismic Dampers Director's Order	Support Capital Total	\$100,000 \$291,000 \$391,000			\$100,000 \$291,000 \$391,000
89	CTR 0236	TBD REHAB 6813	CARQ	Replacement Study Old Bridge	Support Capital Total	\$0 \$0 \$0			\$0 \$0 \$0
90	CTR 0237	TBD REHAB 6814	RSR	Replacement Study Old Bridge	Support Capital Total	\$0 \$0 \$0			\$0 \$0 \$0
91	CTR 0238	TBD REHAB 6812	BM	Replace Fog Horns, Radar Beacons and Related Electrical Systems and connect with SCADA	Support Capital Total	\$0 \$0 \$0			\$0 \$0 \$0

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA			Thru 2017	2018	Adjustments	Thru 2018
92	CTR 0239	TBD REHAB 6825	SFO	Replace Aircraft Beacon, Fog Horns, Radar Beacons and Related Electrical Systems and connect with SCADA	Support Capital Total	\$0 \$0 \$0		\$0	\$0
93	CTR 0240	TBD REHAB 6813	CARQ	Replace Radar Beacons and Related Electrical Systems and connect with SCADA	Support Capital Total	\$0 \$0 \$0		\$0	\$0
94	CTR 0241	TBD REHAB 6814	RSR	Concrete Column Repair	Support Capital Total	\$0 \$0 \$0		\$0	\$0
95	CTR 0242	TBD REHAB 6826	SMH	Replace and Upgrade Navigational Lights to LED and connect it with SCADA	Support Capital Total	\$0 \$0 \$0		\$0	\$0
96	CTR 0243	TBD REHAB 6825	SFO	Replace Fender System and Skirt Modifications	Support Capital Total	\$0 \$0 \$0		\$0	\$0
97	CTR 0244	TBD REHAB 6814	RSR	Structural Steel Painting (Lower Deck, Towers) 2nd Phase	Support Capital Total	\$0 \$0 \$0		\$0	\$0
98	CTR Res	CTR Res REHAB 6829	Var.	Caltrans Program Contingency	Support Capital Total	\$1,968,000 \$0 \$1,968,000			\$1,968,000 \$4,000,000 \$5,968,000
99	880/92	2G361 RM1 8615	880/92	Landscaping**	Support Capital Total	\$1,160,000 \$1,800,000 \$2,960,000			\$1,160,000 \$1,800,000 \$2,960,000
100	880/92	2G362 RM1 8615	880/92	Landscaping**	Support Capital Total	\$836,000 \$0 \$836,000			\$836,000 \$0 \$836,000
101	BM	0060A RM1 8210	BM	Modification to 1962 Bridge***	Support Capital Total	\$6,211 \$0 \$6,211			\$6,211 \$0 \$6,211
102	BM	0060C RM1 8210	BM	Replacement Planting**	Support Capital Total	\$584,000 \$1,125,000 \$1,709,000			\$584,000 \$1,125,000 \$1,709,000
103	CAR	0130J RM1 8315	CAR	Site Mitigation 3**	Support Capital Total	\$150,000 \$0 \$150,000			\$150,000 \$0 \$150,000
104	CAR	0130K RM1 8315	CAR	Misc Landscaping**	Support Capital Total	\$4,177 \$0 \$4,177			\$4,177 \$0 \$4,177
105	880/92	01601 RM1 8615	880/92	880/92 Interchange**	Support Capital Total	\$344,000 \$2,500,000 \$2,844,000			\$344,000 \$2,500,000 \$2,844,000
106	SMH	27790 RM1 8637	SMH	Bay Trail Improvement**	Support Capital Total	\$0 \$115,000 \$115,000			\$0 \$115,000 \$115,000
107	BR 0001	8531 REHAB	BATA	Benicia ORT***	Support Capital Total	\$0 \$4,153,000 \$4,153,000			\$0 \$4,153,000 \$4,153,000
108	BR 0002	8539 REHAB	BATA	SFOBB Eyebar Review***	Support Capital Total	\$2,914,000 \$0 \$2,914,000			\$2,914,000 \$0 \$2,914,000
109	BR 0003	8594 REHAB	BATA	SFOBB West Span Pathway Planning	Support Capital Total	\$1,750,000 \$10,550,000 \$12,300,000			\$1,750,000 \$10,550,000 \$12,300,000
110	BR 0004	8909 REHAB	BATA	Gateway Park	Support Capital Total	\$1,273,000 \$28,840,000 \$30,113,000			\$1,273,000 \$28,840,000 \$30,113,000
111	BR 0005	8913 REHAB	BATA	SFOBB Administration Building***	Support Capital Total	\$5,000,000 \$20,619,200 \$25,619,200			\$5,000,000 \$20,619,200 \$25,619,200
112	BR 0006	8918 REHAB	BATA	SFOBB Maintenance Complex	Support Capital Total	\$0 \$531,000 \$531,000			\$0 \$531,000 \$531,000
113	BR 0008	8921 REHAB	BATA	SFOBB FasTrak Lane Conversion***	Support Capital Total	\$0 \$3,575,000 \$3,575,000			\$0 \$3,575,000 \$3,575,000
114	BR 0009	8922 REHAB	BATA	Metering Lights Upgrade	Support Capital Total	\$0 \$8,930,000 \$8,930,000			\$0 \$8,930,000 \$8,930,000
115	BR 0010	8920 REHAB	BATA	SFO Plaza and Canopy Improvements***	Support Capital Total	\$3,991,000 \$5,272,000 \$9,263,000			\$3,991,000 \$5,272,000 \$9,263,000

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA			Thru 2017	2018	Adjustments	Thru 2018
116	BR 0011	8923	BATA	Bridge Documentation	Support	\$0			\$0
		REHAB			Capital	\$500,000			\$500,000
					Total	\$500,000	\$0	\$0	\$500,000
117	BR 0013	8602	BATA	Hybrid/ETC Lane Modifications***	Support	\$0			\$0
		REHAB			Capital	\$874,000			\$874,000
					Total	\$874,000	\$0	\$0	\$874,000
118	BR 0014	8907	BATA	Toll Plaza Maintenance Agreement	Support	\$350,000			\$350,000
		REHAB			Capital	\$18,098,000	\$3,500,000		\$21,598,000
					Total	\$18,448,000	\$3,500,000	\$0	\$21,948,000
119	BR 0016	8631	BATA	Callboxes***	Support	\$0			\$0
		REHAB			Capital	\$2,344,000			\$2,344,000
					Total	\$2,344,000	\$0	\$0	\$2,344,000
120	BR 0017	8900	BATA	2003 CSC Procurement	Support	\$1,679,000			\$1,679,000
		REHAB			Capital	\$12,679,000			\$12,679,000
					Total	\$14,358,000	\$0	\$0	\$14,358,000
121	BR 0018	8901	BATA	Ongoing Toll Tag Procurement	Support	\$0			\$0
		REHAB			Capital	\$70,931,395	\$5,000,000		\$75,931,395
					Total	\$70,931,395	\$5,000,000	\$0	\$75,931,395
122	BR 0019	8902	BATA	2012 CSC Procurement	Support	\$0			\$0
		REHAB			Capital	\$19,450,000	\$500,000		\$19,950,000
					Total	\$19,450,000	\$500,000	\$0	\$19,950,000
123	BR 0020	8903	BATA	Future Lane/Host Upgrades and Replacement (ATCAS)	Support	\$0			\$0
		REHAB			Capital	\$33,605,000			\$33,605,000
					Total	\$33,605,000	\$0	\$0	\$33,605,000
124	BR 0021	8904	BATA	FasTrak Sign and Sign Structure Improvements (Strategic P	Support	\$1,000,000			\$1,000,000
		REHAB			Capital	\$28,510,130			\$28,510,130
					Total	\$29,510,130	\$0	\$0	\$29,510,130
125	BR 0022	8905	BATA	Misc Bridge Improvements	Support	\$400,000			\$400,000
		REHAB			Capital	\$10,159,000			\$10,159,000
					Total	\$10,559,000	\$0	\$0	\$10,559,000
126	BR 0023	8908	BATA	BATA Technology Infrastructure (HW, SW, NETWORK)	Support	\$0			\$0
		REHAB			Capital	\$4,035,000			\$4,035,000
					Total	\$4,035,000	\$0	\$0	\$4,035,000
127	BR 0025	8912	BATA	Tag Inventory Conversion (Upgrade Technology)***	Support	\$200,000			\$200,000
		REHAB			Capital	\$1,936,500			\$1,936,500
					Total	\$2,136,500	\$0	\$0	\$2,136,500
128	BR 0026	8914	BATA	Violation Enforcement System***	Support	\$0			\$0
		REHAB			Capital	\$7,842,000			\$7,842,000
					Total	\$7,842,000	\$0	\$0	\$7,842,000
129	BR 0027	8916	BATA	Bay Crossing Study***	Support	\$540,000			\$540,000
		REHAB			Capital	\$0			\$0
					Total	\$540,000	\$0	\$0	\$540,000
130	BR 0028	8917	BATA	BATA Technology Security Review and Implementation	Support	\$0			\$0
		REHAB			Capital	\$750,000			\$750,000
					Total	\$750,000	\$0	\$0	\$750,000
131	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	\$5,801,198
132	BR 0030	8000-16	BATA	Program Monitoring	Support	\$0			\$0
		REHAB			Capital	\$46,044,709			\$46,044,709
					Total	\$46,044,709	\$0	\$0	\$46,044,709
133	BR 0031	8000-05	BATA	Capital Program Audits	Support	\$0			\$0
		REHAB			Capital	\$8,300,000			\$8,300,000
					Total	\$8,300,000	\$0	\$0	\$8,300,000
134	BR 0033	8927	BATA	CCTV Installation	Support	\$850,000			\$850,000
		REHAB			Capital	\$5,150,000			\$5,150,000
					Total	\$6,000,000	\$0	\$0	\$6,000,000
135	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	\$50,000,000
136	BR 0035	8930	BATA	Richmond-San Rafael Bridge	Support	\$1,200,000	\$294,000		\$1,494,000
		REHAB		I-580 Access Improvements	Capital	\$64,590,000	\$3,144,000		\$67,734,000
					Total	\$65,790,000	\$3,438,000	\$0	\$69,228,000
137	BR 0038	8937	BATA	Future CSC Procurement	Support	\$0			\$0
		REHAB			Capital	\$1,500,000	\$1,500,000		\$3,000,000
					Total	\$1,500,000	\$1,500,000	\$0	\$3,000,000
138	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	\$9,000,000
139	BR 0040	8012	BATA	All Electronic Tolling Study	Support	\$0			\$0
		REHAB			Capital	\$703,000			\$703,000
					Total	\$703,000	\$0	\$0	\$703,000

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA			Thru 2017	2018	Adjustments	Thru 2018
140	BR 0041	8934	BATA	Temporary License Plate System Implementation	Support	\$0			\$0
		REHAB			Capital	\$500,000			\$500,000
					Total	\$500,000	\$0	\$0	\$500,000
141	BR 0042	8935	BATA	Communications in Bridge Corridors	Support	\$0			\$0
		REHAB			Capital	\$2,500,000			\$2,500,000
					Total	\$2,500,000	\$0	\$0	\$2,500,000
142	BR 0043	8936	BATA	Backhaul Connection Infrastructure	Support	\$0			\$0
		REHAB			Capital	\$1,000,000			\$1,000,000
					Total	\$1,000,000	\$0	\$0	\$1,000,000
143	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	\$2,000,000
144	BR 0045	8530	BATA	Drainage studies for the Bridges	Support	\$0			\$0
		REHAB			Capital	\$500,000			\$500,000
					Total	\$500,000	\$0	\$0	\$500,000
145	BR 0046	8528	BATA	Bay Lights Maintenance	Support	\$0			\$0
		REHAB			Capital	\$320,000	\$160,000		\$480,000
					Total	\$320,000	\$160,000	\$0	\$480,000
146	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	\$12,083,854
147	BR 0048	BR 0048	BATA	Asset Management	Support	\$0			\$0
		REHAB			Capital	\$0	\$2,000,000		\$2,000,000
					Total	\$0	\$2,000,000	\$0	\$2,000,000
148	BR Res	8928	Var.	BATA Program Contingency	Support	\$0			\$0
		REHAB		RM1 Closeout	Capital	\$3,258,612			\$3,258,612
					Total	\$3,258,612	\$0	\$0	\$3,258,612

*Caltrans Capital includes capital outlay construction and right-of-way.
**Previous expenses covered in RM1 Program.
*** Project closed to expenditures June 30, 2017 or earlier.

		Thru 2017	2018	Adjustments	Thru 2018
Toll Bridge Rehabilitation Program Summary	Support	\$214,650,965	\$19,629,325		\$234,280,291
	Capital	\$909,328,147	\$42,937,041		\$952,265,189
	Total	\$1,123,979,113	\$62,566,367	\$0	\$1,186,545,479
Caltrans Rehabilitation Program Summary	Support	\$191,503,965	\$19,335,325		\$210,839,290
	Capital	\$403,892,550	\$27,133,041		\$431,025,591
	Total	\$595,396,515	\$46,468,367	\$0	\$641,864,881
BATA Rehabilitation Program Summary	Support	\$23,147,000	\$294,000		\$23,441,000
	Capital	\$505,435,598	\$15,804,000		\$521,239,598
	Total	\$528,582,598	\$16,098,000	\$0	\$544,680,598



Attachment C-2
Bay Area Toll Authority
FY 2018-27 Ten-Year Toll Bridge Rehabilitation Program

BATA Resolution No. 122
 Date: June 28, 2017
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Toll Bridge Rehabilitation Program	Support	\$214,650,965	\$19,629,325	\$18,572,000	\$19,750,000	\$19,000,000	\$18,950,000	\$20,200,000	\$14,300,000	\$18,200,000	\$23,300,000	\$17,600,000	\$404,152,291
Summary	Capital	\$909,328,147	\$42,937,041	\$45,160,000	\$40,860,000	\$41,560,000	\$47,055,000	\$42,060,000	\$44,760,000	\$47,260,000	\$38,860,000	\$50,060,000	\$1,349,900,189
	Total	\$1,123,979,113	\$62,566,367	\$63,732,000	\$60,610,000	\$60,560,000	\$66,005,000	\$62,260,000	\$59,060,000	\$65,460,000	\$62,160,000	\$67,660,000	\$1,754,052,479

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2017	2018	2020	2021	2022	2023	2024	2025	2026	2027	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										\$117,302,329
2	CTR 0001	00297	SFO	Construct New Toll Operations Building***	Support	\$7,625,800										\$7,625,800
		REHAB 6825			Capital	\$0										\$0
					Total	\$7,625,800										\$7,625,800
3	CTR 0002	00394	RSR	RSR Maintenance Building***	Support	\$5,885,000										\$5,885,000
		REHAB 6814			Capital	\$4,641,000										\$4,641,000
					Total	\$10,526,000										\$10,526,000
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										\$11,778,001
5	CTR 0009	01407	SFO	Toll Plaza Median Landscaping	Support	\$720,000										\$720,000
		REHAB 6825			Capital	\$1,062,000										\$1,062,000
					Total	\$1,782,000										\$1,782,000
6	CTR 0010	0120T	SFO	W4 Substation Upgrade, Foghorn Replacement, BASE	Support	\$4,335,000										\$4,335,000
		REHAB 6825			Capital	\$12,985,000										\$12,985,000
					Total	\$17,320,000										\$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										\$1,827,425
8	CTR 0013	04100	SMH	Resurface Orthotropic Deck	Support	\$8,234,000										\$8,234,000
		REHAB 6826		Deck Rehabilitation & 12KV Cable for Entire Bridge***	Capital	\$29,500,000										\$29,500,000
					Total	\$37,734,000										\$37,734,000
9	CTR 0014	3G460	Var.	Northern Bridge Structural Improvements***	Support	\$72,662										\$72,662
		REHAB 6828			Capital	\$0										\$0
					Total	\$72,662										\$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										\$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										\$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										\$23,790,000
13	CTR 0018	04907	CAR	Replace Pier 3 Fender Structure Support and Timber Fenders at Piers 2, 3, 4***	Support	\$4,811,400										\$4,811,400
		REHAB 6813			Capital	\$17,652,449										\$17,652,449
					Total	\$22,463,849										\$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										\$714,010
15	CTR 0028	1G260	SFO	Replace Lighting w/ HPS Lighting System (EB)***	Support	\$554,232										\$554,232
		REHAB 6825			Capital	\$0										\$0
					Total	\$554,232										\$554,232
16	CTR 0031	1G660	SFO	SFOBB West Span Pathway	Support	\$1,271,000										\$1,271,000
		REHAB 6825			Capital	\$0										\$0
					Total	\$1,271,000										\$1,271,000
17	CTR 0032	1G720	SFO	Eyebar Monitoring System (ES)***	Support	\$207,931										\$207,931
		REHAB 6825			Capital	\$3,431,263										\$3,431,263
					Total	\$3,639,194										\$3,639,194
18	CTR 0147	2F000	SMH	Replace Damaged Transformer and Substation***	Support	\$53,276										\$53,276
		REHAB 6826			Capital	\$204,900										\$204,900
					Total	\$258,176										\$258,176
19	CTR 0035	2G420	ALL	ATCAS II Oversight***	Support	\$202,495										\$202,495
		REHAB 6828			Capital	\$0										\$0
					Total	\$202,495										\$202,495
20	CTR 0036	2G670	SMH	Cracked Girder Repairs***	Support	\$2,756,322										\$2,756,322
		REHAB 6826			Capital	\$4,034,364										\$4,034,364
					Total	\$6,790,687										\$6,790,687
21	CTR 0043	3G300	Var.	Replace Foghorns/Radar Beacons PID***	Support	\$67,738										\$67,738

Line No.	Project No.	EA	Bridge	Description		Thru 2017											Total
		Program	CCA	Status		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
22	CTR 0045	REHAB			Capital	\$0											\$0
		6828			Total	\$67,738	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$67,738
		3G442	SFO	Replace Seismic Dampeners (WS)	Support	\$4,611,000	\$230,000	\$1,000,000									\$5,841,000
		REHAB			Capital	\$1,388,000	\$21,612,000										\$23,000,000
23	CTR 0048	REHAB			Total	\$5,999,000	\$21,842,000	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,841,000
		6825	SFO	Bridge Paint	Support	\$157,200											\$157,200
		REHAB		Part 1	Capital	\$0											\$0
		6825			Total	\$157,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$157,200
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
		REHAB			Capital	\$64,164											\$64,164
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
		REHAB			Capital	\$8,275,000											\$8,275,000
26	CTR 0052	3G484	RSR	Bridge Paint	Support	\$8,275,000											\$8,275,000
		REHAB		Lower Deck Only	Capital	\$35,000,000											\$35,000,000
		6814			Total	\$43,275,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$43,275,000
		REHAB			Capital	\$5,267,000	\$3,356,000	\$2,000,000	\$1,800,000								\$12,423,000
27	CTR 0053	3G486	SMH	Bridge Paint	Support	\$5,267,000	\$3,356,000	\$2,000,000	\$1,800,000								\$12,423,000
		REHAB		Part 1	Capital	\$54,000,000											\$54,000,000
		6826			Total	\$59,267,000	\$3,356,000	\$2,000,000	\$1,800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$66,423,000
		REHAB			Capital	\$872,000											\$872,000
28	CTR 0055	3G474	RSR	Traveler Rail Upgrades and	Support	\$872,000											\$872,000
		REHAB		Scaffolding Ergonomics Improvements	Capital	\$0											\$0
		6814			Total	\$872,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$872,000
		REHAB			Capital	\$335,109											\$335,109
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
		REHAB			Capital	\$352,488											\$352,488
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
		REHAB			Capital	\$396,591											\$396,591
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
		REHAB			Capital	\$158,660											\$158,660
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
		REHAB			Capital	\$6,241,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$15,241,000
33	CTR 0060	91207	Var.	Caltrans Capital Coordination	Support	\$6,241,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$15,241,000
		REHAB			Capital	\$0											\$0
		6828			Total	\$6,241,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$15,241,000
		REHAB			Capital	\$20,600,000	\$3,700,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$49,500,000
34	CTR 0061	93030	ALL	Toll Bridge Inspections	Support	\$20,600,000	\$3,700,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$49,500,000
		REHAB			Capital	\$0											\$0
		6828			Total	\$20,600,000	\$3,700,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$49,500,000
		REHAB			Capital	\$10,500,000	\$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	\$27,500,000
35	CTR 0062	93870	ALL	Base Security	Support	\$10,500,000	\$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	\$27,500,000
		REHAB			Capital	\$0											\$0
		6828			Total	\$10,500,000	\$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	\$27,500,000
		REHAB			Capital	\$0	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$60,000,000
36	CTR 0235	TBD	Var.	Structural Steel Paint by State Forces	Support	\$0	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$60,000,000
		REHAB			Capital	\$0											\$0
		6828			Total	\$0	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$60,000,000
		REHAB			Capital	\$0											\$0
37	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
		REHAB			Capital	\$0											\$0
38	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
		REHAB			Capital	\$6,150,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$10,150,000
39	CTR 0069	97708	Var.	Caltrans ETC Traffic Operations Support	Support	\$6,150,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$10,150,000
		REHAB			Capital	\$0											\$0
		6828			Total	\$6,150,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$10,150,000
		REHAB			Capital	\$1,616,000	\$156,000										\$1,772,000
40	CTR 0078	3G462	BM	Floor Beam Mitigation Phase 1	Support	\$1,616,000	\$156,000										\$1,772,000
		REHAB			Capital	\$900,000											\$900,000
		6812			Total	\$2,516,000	\$156,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,672,000
		REHAB			Capital	\$0											\$0
41	CTR 0084	CTR 0084	BM	Floor Beam Mitigation Phase 2	Support	\$0					\$600,000	\$1,200,000	\$500,000				\$2,300,000
		REHAB			Capital	\$0					\$0	\$7,500,000	\$0				\$7,500,000
		6812			Total	\$0	\$0	\$0	\$0	\$0	\$600,000	\$8,700,000	\$500,000	\$0	\$0	\$0	\$9,800,000
		REHAB			Capital	\$3,086,000	\$736,000										\$3,822,000
42	CTR 0088	3G403	CAR	Anchorage Modification, Drainage Improvements,	Support	\$3,086,000	\$736,000										\$3,822,000
		REHAB		Polyester Concrete Overlay (1958) and Ped	Capital	\$9,200,000											\$9,200,000
		6813		Replace Joint Seals (1958)	Total	\$12,286,000	\$736,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,022,000
		REHAB			Capital	\$2,594,000		\$120,000									\$2,714,000
43	CTR 0097	3G305	Var.	Replace Fog Horns, Radar Beacons and	Support	\$2,594,000		\$120,000									\$2,714,000
		REHAB		Related Electrical Systems on Southern Bridges	Capital	\$4,500,000											\$4,500,000
		6828			Total	\$7,094,000	\$0	\$120,000	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$7,214,000
		REHAB			Capital	\$1,903,000		\$500,000									\$2,403,000
44	CTR 0107	3G364	RSR	Substations Upgrade	Support	\$1,903,000		\$500,000									\$2,403,000
		REHAB			Capital	\$6,700,000	\$1,800,000										

Line No.	Project No.	EA		Bridge	Description		Thru 2017											Total
		Program	CCA				2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
47	CTR 0121	6825		SFO	Traveler Replacements and Rail Upgrades	Total	\$423,000	\$4,000,000	\$0	\$450,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,873,000
		3G477				Support	\$380,000				\$900,000	\$350,000	\$300,000					\$1,930,000
		REHAB				Capital	\$0					\$2,800,000						\$2,800,000
		6825				Total	\$380,000	\$0	\$0	\$0	\$900,000	\$3,150,000	\$300,000	\$0	\$0	\$0	\$0	\$4,730,000
48	CTR 0126	3G448		SFO	W2 to W7 Concrete Column Repair and Seal	Support	\$0				\$300,000	\$300,000	\$300,000					\$900,000
		REHAB				Capital	\$0											\$2,000,000
		6825				Total	\$0	\$0	\$0	\$0	\$300,000	\$2,300,000	\$300,000	\$0	\$0	\$0	\$0	\$2,900,000
		CTR 0128		SFO	Main Cable Wrap Investigations Phase 2	Support	\$0								\$2,000,000	\$6,000,000	\$2,000,000	\$10,000,000
49	CTR 0128	REHAB				Capital	\$0								\$0	\$5,000,000	\$25,000,000	\$30,000,000
		6825				Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$11,000,000	\$27,000,000	\$40,000,000
		3G457		SFO	SFOBB - Replace Joint Seals (Upper & Lower Deck);	Support	\$2,735,000	\$770,000										\$3,505,000
		REHAB			RSR - Replace Joint Seals (Upper Deck)	Capital	\$6,423,878											\$6,423,878
50	CTR 0129	6825				Total	\$9,158,878	\$770,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$11,000,000	\$27,000,000	\$40,000,000
51	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
		01408		SFO	SFOBB Maintenance Complex	Support	\$2,864,000											\$2,864,000
52	CTR 0147	REHAB			Maintenance Complex	Capital	\$38,600,000											\$38,600,000
		6825				Total	\$41,464,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$41,464,000
53	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
		3G443		SFO	Replace Grating Shields and Access Ladders***	Support	\$1,953,000											\$1,953,000
54	CTR 0151	REHAB				Capital	\$1,822,122											\$1,822,122
		6825				Total	\$3,775,122	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,775,122
55	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
		1G310		SFO	Toll Plaza Repaving***	Support	\$0											\$0
56	CTR 0153	REHAB				Capital	\$1,800,000	-\$197,714										\$1,602,286
		6825				Total	\$1,800,000	-\$197,714	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,602,286
57	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
		3G450		VAR	Bridge Joint Seals***	Support	\$57,611											\$57,611
58	CTR 0155	REHAB				Capital	\$0											\$0
		6828				Total	\$57,611	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$57,611
59	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
60	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
61	CTR 0158	0120F		SFOBB	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
62	CTR 0159	2J870		SFOBB	West Span BASE	Support	\$588,000											\$588,000
		REHAB				Capital	\$0											\$0
		6825				Total	\$10,088,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,088,000
63	CTR 0160	4H180		SFOBB	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
64	CTR 0163	3G447		SFOBB	Rebuild Damaged Fender System ***	Support	\$238,798											\$238,798
		REHAB				Capital	\$772,842											\$772,842
		6825				Total	\$1,011,640	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,011,640
65	CTR 0182	3G478		Var	PID - Water Line System	Support	\$194,000	-\$693										\$193,307
		REHAB			Air Compressor, Airline***	Capital	\$0											\$0
		6828				Total	\$194,000	-\$693	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$193,307
66	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
67	CTR 0202	0J870		SFO	Install Air Gap Monitoring System***	Support	\$127,000	-\$31,006										\$95,994
		REHAB				Capital	\$210,000	-\$81,245										\$128,755
		6825				Total	\$337,000	-\$112,251	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$224,749
68	CTR 0203	3G360		Var.	Replace Various Navigational and Utility Equipment	Support	\$127,650	-\$1										\$127,649
		REHAB			Supplemental PID**	Capital	\$0											\$0
		6828				Total	\$127,650	-\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$127,649
69	CTR 0204	3G301		Var.	Replace Fog Horns, Radar Beacons and	Support	\$1,040,000		\$1,218,000	\$700,000	\$700,000	\$300,000						\$3,958,000
		REHAB			Related Electrical Systems on Northern Bridges	Capital	\$0		\$6,000,000	\$0	\$0	\$0						\$6,000,000
		6828				Total	\$1,040,000	\$0	\$7,218,000	\$700,000	\$700,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$9,958,000
70	CTR 0206	2J680		RSR	RSR Access - PPUL Oversight	Support	\$2,358,000	\$1,060,000										\$3,418,000
		REHAB				Capital	\$0											\$0
		6814				Total	\$2,358,000	\$1,060,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,418,000
71	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

Line No.	Project No.	EA	Bridge	Description													Total
		Program	CCA			Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
72	CTR 0213	01412 REHAB 6825	SFO	CT Oversight of Bridge Yard *** (IERBYS Building Slab)	Support Capital	\$276,198 \$0	\$0										\$276,198 \$0
				Total		\$276,198	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$276,198
73	CTR 0214	01413 REHAB 6825	SFO	CT Oversight of Bridge Yard (IERBYS Building Retrofits)***	Support Capital	\$423,802 \$0	\$52,376										\$476,178 \$0
				Total		\$423,802	\$52,376	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$476,178
74	CTR 0215	21190 REHAB 6825	SFO	Replace transverse expansion joints *** West Span	Support Capital	\$1,309,010 \$1,944,698											\$1,309,010 \$1,944,698
				Total		\$3,253,708	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,253,708
75	CTR 0216	21410 REHAB 6813	CARQ	Al Zampa (CARQ) Joint Repair ***	Support Capital	\$146,672 \$183,592											\$146,672 \$183,592
				Total		\$330,265	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$330,265
76	CTR 0217	21400 REHAB 6825	SFO	1-880 Overhead Signage and Delineation Upgrade Oversight***	Support Capital	\$40,000 \$0	\$6,649										\$46,649 \$0
				Total		\$40,000	\$6,649	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$46,649
77	CTR 0219	0K220 REHAB 6825	SFO	Metering Lights Upgrade Oversight	Support Capital	\$366,000 \$0		\$134,000									\$500,000 \$0
				Total		\$366,000	\$0	\$134,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
78	CTR 0222	TBD REHAB 6825	SFO	SFOBB Maintenance Administration	Support Capital	\$0 \$1,000,000											\$0 \$1,000,000
				Total		\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
79	CTR 0225	41710 REHAB 6814	RSR	RSR Access - Bike Ped Oversight	Support Capital	\$637,000 \$0	\$300,000										\$937,000 \$0
				Total		\$637,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$937,000
80	CTR 0226	1K450 REHAB 8033	SFO	Roof Repairs at Sterling Substation Minor Rehab***	Support Capital	\$72,000 \$120,000											\$72,000 \$120,000
				Total		\$192,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$192,000
81	CTR 0227	1K470 REHAB 8033	SMH	Roof Repairs at toll admin building (Toll Plaza) Minor Rehab***	Support Capital	\$60,000 \$100,000	\$0										\$60,000 \$100,000
				Total		\$160,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160,000
82	CTR 0228	1K460 REHAB 8033	BM	Bird abatement at Benicia Toll Plaza Minor Rehab	Support Capital	\$150,000 \$250,000											\$150,000 \$250,000
				Total		\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
83	CTR 0229	0K691 REHAB 6825	SFO	Install Grease Caps and Repair Pre-stress Tendons East Span- Director's Order	Support Capital	\$1,000,000 \$3,000,000											\$1,000,000 \$3,000,000
				Total		\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,000,000
84	CTR 0230	3G482 REHAB 6812	BM	Repair Seismic Joint - Pier 3 Director's Order	Support Capital	\$120,000 \$291,000											\$120,000 \$291,000
				Total		\$411,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$411,000
85	CTR 0231	TBD REHAB 6814	RSR	Replace Aircraft Beacon, Fog Horns, Radar Beacons and Related Electrical Systems and connect with SCADA	Support Capital	\$0 \$0				\$1,000,000 \$2,500,000	\$500,000 \$1,500,000						\$1,500,000 \$4,000,000
				Total		\$0	\$0	\$0	\$0	\$3,500,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$5,500,000
86	CTR 0232	2K960 REHAB 6825	SFO	YBI Tunnel Concrete Repair	Support Capital	\$600,000 \$1,400,000											\$600,000 \$1,400,000
				Total		\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000
87	CTR 0233	3G445 REHAB 6825	SFO	W4 Fender Repair Director's Order	Support Capital	\$1,000,000 \$3,250,000											\$1,000,000 \$3,250,000
				Total		\$4,250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,250,000
88	CTR 0234	2K560 REHAB 6825	SFO	Repair SFOBB Seismic Dampers Director's Order	Support Capital	\$100,000 \$291,000											\$100,000 \$291,000
				Total		\$391,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$391,000
89	CTR 0236	TBD REHAB 6813	CARQ	Replacement Study Old Bridge	Support Capital	\$0 \$0						\$1,000,000					\$1,000,000 \$0
				Total		\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
90	CTR 0237	TBD REHAB 6814	RSR	Replacement Study Old Bridge	Support Capital	\$0 \$0			\$1,000,000								\$1,000,000 \$0
				Total		\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
91	CTR 0238	TBD REHAB 6812	BM	Replace Fog Horns, Radar Beacons and Related Electrical Systems and connect with SCADA	Support Capital	\$0 \$0								\$300,000	\$1,500,000		\$1,800,000 \$3,500,000
				Total		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$5,000,000	\$0	\$5,300,000
92	CTR 0239	TBD REHAB 6825	SFO	Replace Aircraft Beacon, Fog Horns, Radar Beacons and Related Electrical Systems and connect with SCADA	Support Capital	\$0 \$0					\$300,000 \$3,600,000	\$700,000 \$3,600,000					\$1,300,000 \$3,600,000
				Total		\$0	\$0	\$0	\$0	\$0	\$300,000	\$4,300,000	\$0	\$0	\$0	\$300,000	\$4,900,000
93	CTR 0240	TBD REHAB 6813	CARQ	Replace Radar Beacons and Related Electrical Systems and connect with SCADA	Support Capital	\$0 \$0		\$800,000 \$2,500,000									\$800,000 \$2,500,000
				Total		\$0	\$0	\$3,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,300,000
94	CTR 0241	TBD REHAB 6814	RSR	Concrete Column Repair	Support Capital	\$0 \$0				\$300,000	\$300,000	\$400,000					\$1,000,000 \$2,000,000
				Total		\$0	\$0	\$0	\$0	\$300,000	\$2,300,000	\$400,000	\$0	\$0	\$0	\$0	\$3,000,000
95	CTR 0242	TBD REHAB 6826	SMH	Replace and Upgrade Navigational Lights to LED and connect it with SCADA	Support Capital	\$0 \$0									\$100,000	\$500,000	\$600,000 \$1,500,000
				Total		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$2,000,000	\$0	\$2,100,000
96	CTR 0243	TBD REHAB 6825	SFO	Replace Fender System and Skirt Modifications	Support Capital	\$0 \$0					\$1,500,000 \$1,500,000	\$1,500,000	\$2,000,000	\$1,500,000			\$6,500,000 \$3,000,000
				Total		\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000	\$25,000,000	\$1,500,000	\$0	\$0	\$29,500,000
97	CTR 0244	TBD	RSR	Structural Steel Painting (Lower Deck, Towers)	Support	\$0		\$1,000,000	\$4,000,000	\$4,000,000	\$3,000,000	\$3,000,000		\$2,500,000	\$3,500,000	\$3,500,000	\$24,500,000

Line No.	Project No.	EA	Bridge	Description													
		Program	CCA	Status		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
		REHAB		2nd Phase	Capital	\$0		\$3,000,000	\$25,000,000	\$22,000,000	\$15,000,000	\$5,000,000		\$25,000,000	\$5,000,000	\$0	\$100,000,000
		6814			Total	\$0	\$0	\$4,000,000	\$29,000,000	\$26,000,000	\$18,000,000	\$8,000,000	\$0	\$27,500,000	\$8,500,000	\$3,500,000	\$124,500,000
		CTR Res	Var.	Caltrans Program Contingency	Support	\$1,968,000											\$1,968,000
		REHAB			Capital	\$0	\$0	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$54,000,000
98	880/92	2G361	880/92	Landscaping**	Total	\$1,968,000	\$0	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$55,968,000
		RM1			Support	\$1,160,000											\$1,160,000
		8615			Capital	\$1,800,000											\$1,800,000
					Total	\$2,960,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,960,000
100	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
101	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
102	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
103	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
104	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
105	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
106	SMH	27790	SMH	Bay Trail Improvement**	Support	\$0											\$0
		RM1			Capital	\$115,000											\$115,000
		8637			Total	\$115,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115,000
107	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
108	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
109	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
110	BR 0004	8909	BATA	Gateway Park	Support	\$1,273,000											\$1,273,000
		REHAB			Capital	\$28,840,000											\$28,840,000
					Total	\$30,113,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,113,000
111	BR 0005	8913	BATA	SFOBB Administration Building***	Support	\$5,000,000											\$5,000,000
		REHAB			Capital	\$20,619,200											\$20,619,200
					Total	\$25,619,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,619,200
112	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
113	BR 0008	8921	BATA	SFOBB FasTrak Lane Conversion***	Support	\$0											\$0
		REHAB			Capital	\$3,575,000											\$3,575,000
					Total	\$3,575,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,575,000
114	BR 0009	8922	BATA	Metering Lights Upgrade	Support	\$0											\$0
		REHAB			Capital	\$8,930,000											\$8,930,000
					Total	\$8,930,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,930,000
115	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
116	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
117	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
118	BR 0014	8907	BATA	Toll Plaza Maintenance Agreement	Support	\$350,000											\$350,000
		REHAB			Capital	\$18,098,000	\$3,500,000	\$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	\$48,598,000
					Total	\$18,448,000	\$3,500,000	\$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	\$48,948,000
119	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
120	BR 0017	8900	BATA	2003 CSC Procurement	Support	\$1,679,000											\$1,679,000
		REHAB			Capital	\$12,679,000											\$12,679,000
					Total	\$14,358,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,358,000
121	BR 0018	8901	BATA	Ongoing Toll Tag Procurement	Support	\$0											\$0
		REHAB			Capital	\$70,931,395	\$5,000,000	\$12,000,000	\$4,700,000	\$5,300,000	\$6,600,000	\$7,200,000	\$8,000,000	\$8,500,000	\$9,600,000	\$10,800,000	\$148,631,395
					Total	\$70,931,395	\$5,000,000	\$12,000,000	\$4,700,000	\$5,300,000	\$6,600,000	\$7,200,000	\$8,000,000	\$8,500,000	\$9,600,000	\$10,800,000	\$148,631,395
122	BR 0019	8902	BATA	2012 CSC Procurement	Support	\$0											\$0
		REHAB			Capital	\$19,450,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000						\$21,950,000

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2017											Total
						2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
					Total	\$19,450,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$21,950,000
123	BR 0020	8903 REHAB	BATA	Future Lane/Host Upgrades and Replacement (ATCAS)	Support	\$0											\$0
					Capital	\$33,605,000					\$4,145,000	\$6,000,000					\$43,750,000
					Total	\$33,605,000	\$0	\$0	\$0	\$0	\$4,145,000	\$6,000,000	\$0	\$0	\$0	\$0	\$43,750,000
124	BR 0021	8904 REHAB	BATA	FastTrak Sign and Sign Structure Improvements (Strategic)	Support	\$1,000,000											\$1,000,000
					Capital	\$28,510,130											\$28,510,130
					Total	\$29,510,130	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,510,130
125	BR 0022	8905 REHAB	BATA	Misc Bridge Improvements	Support	\$400,000											\$400,000
					Capital	\$10,159,000											\$10,159,000
					Total	\$10,559,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,559,000
126	BR 0023	8908 REHAB	BATA	BATA Technology Infrastructure	Support	\$0											\$0
					Capital	\$4,035,000											\$4,035,000
					Total	\$4,035,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,035,000
127	BR 0025	8912 REHAB	BATA	Tag Inventory Conversion (Upgrade Technology)***	Support	\$200,000											\$200,000
					Capital	\$1,936,500											\$1,936,500
					Total	\$2,136,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,136,500
128	BR 0026	8914 REHAB	BATA	Violation Enforcement System***	Support	\$0											\$0
					Capital	\$7,842,000											\$7,842,000
					Total	\$7,842,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,842,000
129	BR 0027	8916 REHAB	BATA	Bay Crossing Study***	Support	\$540,000											\$540,000
					Capital	\$0											\$0
					Total	\$540,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$540,000
130	BR 0028	8917 REHAB	BATA	BATA Technology Security Review and Implementation	Support	\$0											\$0
					Capital	\$750,000											\$750,000
					Total	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000
131	BR 0029	8926 REHAB	BATA	Bridge Modeling and Investigations	Support	\$2,000,000											\$2,000,000
					Capital	\$3,801,198											\$3,801,198
					Total	\$5,801,198	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,801,198
132	BR 0030	8000-16 REHAB	BATA	Program Monitoring	Support	\$0											\$0
					Capital	\$46,044,709				\$500,000	\$1,500,000	\$1,000,000	\$500,000	\$500,000			\$50,044,709
					Total	\$46,044,709	\$0	\$0	\$0	\$500,000	\$1,500,000	\$1,000,000	\$500,000	\$500,000	\$0	\$0	\$50,044,709
133	BR 0031	8000-05 REHAB	BATA	Capital Program Audits	Support	\$0											\$0
					Capital	\$8,300,000			\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$12,300,000
					Total	\$8,300,000	\$0	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$12,300,000
134	BR 0033	8927 REHAB	BATA	CCTV Installation	Support	\$850,000											\$850,000
					Capital	\$5,150,000											\$5,150,000
					Total	\$6,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,000,000
135	BR 0034	8924 REHAB	BATA	Antioch Bridge	Support	\$0											\$0
					Capital	\$50,000,000											\$50,000,000
					Total	\$50,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000,000
136	BR 0035	8930 REHAB	BATA	Richmond-San Rafael Bridge	Support	\$1,200,000	\$294,000										\$1,494,000
					Capital	\$64,590,000	\$3,144,000										\$67,734,000
					Total	\$65,790,000	\$3,438,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$69,228,000
137	BR 0038	8937 REHAB	BATA	Future CSC Procurement	Support	\$0											\$0
					Capital	\$1,500,000	\$1,500,000	\$11,000,000				\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$16,500,000
					Total	\$1,500,000	\$1,500,000	\$11,000,000	\$0	\$0	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$16,500,000
138	BR 0039	8933 REHAB	BATA	Plan Bay Area TMS	Support	\$0											\$0
					Capital	\$9,000,000											\$9,000,000
					Total	\$9,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,000,000
139	BR 0040	8012 REHAB	BATA	All Electronic Tolling Study	Support	\$0											\$0
					Capital	\$703,000					\$250,000	\$500,000	\$2,000,000	\$2,000,000	\$3,000,000	\$3,000,000	\$11,453,000
					Total	\$703,000	\$0	\$0	\$0	\$0	\$250,000	\$500,000	\$2,000,000	\$2,000,000	\$3,000,000	\$3,000,000	\$11,453,000
140	BR 0041	8934 REHAB	BATA	Temporary License Plate System Implementation	Support	\$0											\$0
					Capital	\$500,000											\$500,000
					Total	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
141	BR 0042	8935 REHAB	BATA	Communications in Bridge Corridors	Support	\$0											\$0
					Capital	\$2,500,000											\$2,500,000
					Total	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000
142	BR 0043	8936 REHAB	BATA	Backhaul Connection Infrastructure	Support	\$0											\$0
					Capital	\$1,000,000											\$1,000,000
					Total	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
143	BR 0044	8540 REHAB	BATA	Regional Transportation Sea Level Rise Asset	Support	\$0											\$0
					Capital	\$2,000,000											\$2,000,000
					Total	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000

Line No.	Project No.	EA	Bridge	Description													Total
		Program	CCA	Status		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
144	BR 0045	8530 REHAB	BATA	Drainage studies for the Bridges	Support	\$0											\$0
					Capital	\$500,000											\$500,000
					Total	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
145	BR 0046	8528 REHAB	BATA	Bay Lights Maintenance	Support	\$0											\$0
					Capital	\$320,000	\$160,000	\$160,000	\$160,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$2,620,000
					Total	\$320,000	\$160,000	\$160,000	\$160,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$2,620,000
146	BR 0047	8938 REHAB	BATA	Misc East Span Project Improvements	Support	\$0											\$0
					Capital	\$12,083,854											\$12,083,854
					Total	\$12,083,854	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,083,854
147	BR 0048	BR 0048 REHAB	BATA	Asset Management	Support	\$0											\$0
					Capital	\$0	\$2,000,000	\$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	\$11,000,000
					Total	\$0	\$2,000,000	\$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	\$11,000,000
148	BR Res	8928 REHAB	Var.	BATA Program Contingency	Support	\$0											\$0
					Capital	\$3,258,612											\$3,258,612
					Total	\$3,258,612	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,258,612

													Total
		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
Toll Bridge Rehabilitation Program	Support	\$214,650,965	\$19,629,325	\$18,572,000	\$19,750,000	\$19,000,000	\$18,950,000	\$20,200,000	\$14,300,000	\$18,200,000	\$23,300,000	\$17,600,000	\$404,152,291
Summary	Capital	\$909,328,147	\$42,937,041	\$45,160,000	\$40,860,000	\$41,560,000	\$47,055,000	\$42,060,000	\$44,760,000	\$47,260,000	\$38,860,000	\$50,060,000	\$1,349,900,189
	Total	\$1,123,979,113	\$62,566,367	\$63,732,000	\$60,610,000	\$60,560,000	\$66,005,000	\$62,260,000	\$59,060,000	\$65,460,000	\$62,160,000	\$67,660,000	\$1,754,052,479
Caltrans Rehabilitation Program	Support	\$191,503,965	\$19,335,325	\$18,572,000	\$19,750,000	\$19,000,000	\$18,950,000	\$20,200,000	\$14,300,000	\$18,200,000	\$23,300,000	\$17,600,000	\$380,711,290
Summary	Capital	\$403,892,550	\$27,133,041	\$17,500,000	\$31,000,000	\$30,500,000	\$29,300,000	\$22,100,000	\$29,000,000	\$31,000,000	\$21,000,000	\$31,000,000	\$673,425,591
	Total	\$595,396,515	\$46,468,367	\$36,072,000	\$50,750,000	\$49,500,000	\$48,250,000	\$42,300,000	\$43,300,000	\$49,200,000	\$44,300,000	\$48,600,000	\$1,054,136,881
BATA Rehabilitation Program	Support	\$23,147,000	\$294,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,441,000
Summary	Capital	\$505,435,598	\$15,804,000	\$27,660,000	\$9,860,000	\$11,060,000	\$17,755,000	\$19,960,000	\$15,760,000	\$16,260,000	\$17,860,000	\$19,060,000	\$676,474,598
	Total	\$528,582,598	\$16,098,000	\$27,660,000	\$9,860,000	\$11,060,000	\$17,755,000	\$19,960,000	\$15,760,000	\$16,260,000	\$17,860,000	\$19,060,000	\$699,915,598

*Caltrans Capital includes capital outlay construction and right-of-way.

**Previous expenses covered in RM1 Program.

*** Project closed to expenditures June 30, 2017 or earlier.

\$630,073,367



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 IC 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	\$22,000,000
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)	\$33,932,828
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	\$24,000,000
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			\$1,515,000,000

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



Attachment E-1
Bay Area Toll Authority
Toll Bridge Seismic Retrofit Program Budget Summary

Toll Bridge Seismic Retrofit Projects	Current Total Project Budget	Approved Project Budget Changes	Revised Total Project Budget
	a	b	c = a + b
San Francisco-Oakland Bay Bridge East Span Replacement*	\$ 6,504,700,000	\$ 11,171,000	\$ 6,515,871,000
San Francisco-Oakland Bay Bridge West Span Retrofit	\$ 305,316,000		\$ 305,316,000
San Francisco-Oakland Bay Bridge West Approach Replacement	\$ 459,500,000		\$ 459,500,000
Richmond-San Rafael Bridge Retrofit**	\$ 812,100,000		\$ 812,100,000
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	\$ 8,720,564,000	\$ 11,171,000	\$ 8,731,735,000
Vincent Thomas Bridge Retrofit (<i>non-BATA, for information only</i>)	\$ 58,510,000		\$ 58,510,000
San Diego-Coronado Bridge Retrofit (<i>non-BATA, for information only</i>)	\$ 103,520,000		\$ 103,520,000
Program Indirects	\$ 30,000,000		\$ 30,000,000
Subtotal for All Bridges	\$ 8,912,594,000		\$ 8,923,765,000
Program Contingency	\$ 39,406,000	\$ (11,171,000)	\$ 28,235,000
Total for Toll Bridge Seismic Retrofit Program	\$ 8,952,000,000		\$ 8,952,000,000

*Capital Outlay Support details are shown on Attachment E-2



BATA Resolution No. 122

Date: June 28, 2017

W.I.: 1256

Referred by: BATA Oversight Committee

Attachment E-2
Bay Area Toll Authority
Toll Bridge Seismic Retrofit Program Capital Outlay Support (COS) Budget for FY 2017-18

Contracts	COS Budget Total \$
San Francisco-Oakland Bay Bridge East Span Replacement	\$ 4,000,000

Total for Toll Bridge Seismic Retrofit Program	\$ 4,000,000
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Notes:

1. Assumptions in this COS Budget include no contingency or risk reserve for scope or schedule changes at this time, as these changes will only be presented as separate future budget requests if unmitigated risks, scope or schedule changes occur.



BATA Resolution No. 122
Date: June 28, 2017
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. 122
Date: June 28, 2017
W.I.: 1254
Referred by: BATA Oversight Committee

Attachment G
Fund Reserve Designations
(effective June 30, 2017)

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* \$ 150 million
- Rehabilitation Reserve \$ 120 million
 (2 years @ \$60 million)
- Emergency reserve (Co-op) \$ 50 million
- Variable Rate Risk Reserve \$ 100 million
- Project/Self Insurance Reserve (SIR) \$ 580 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