



# Metropolitan Transportation Commission

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 Tom Bates, Vice Chair*

*Jason Baker, David Campos, Federal D. Glover,  
Mark Luce, Libby Schaaf,  
Adrienne J. Tissier, Scott Wiener  
Non-Voting Member: Bijan Sartipi*

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Wednesday, October 12, 2016

9:30 AM

Board Room - 1st Floor

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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. [15-1923](#) Minutes of the September 14, 2016 meeting  
Action: Committee Approval  
Attachments: [4a BATA O Draft Minutes of 09-14-2016 Meeting.pdf](#)
- 4b. [15-1924](#) BATA Financial Statements for July and August 2016  
Action: Information  
Presenter: Eva Sun  
Attachments: [4b Financials July&August.pdf](#)
- 4c. [15-1943](#) Contract Amendment - Advanced Toll Collection and Accounting System (ATCAS II): TransCore, LP (\$1,130,020)  
Action: Committee Approval  
Presenter: Jeff Gerbracht  
Attachments: [4c ContractAmendment TransCore.pdf](#)

## 5. Authority Approval

- 5a. [15-1200](#) BATA Resolution No. 118, Revised - Toll Bridge Seismic Retrofit Project Progress and Budget Update

A request to approve budget changes and allocations to the San Francisco-Oakland Bay Bridge East Span Seismic Retrofit Program for the Yerba Buena Island Buena Transitions Structures contract and for capital outlay support.

**Action:** Authority Approval

**Presenter:** Peter Lee

**Attachments:** [5a\\_Reso-118\\_TBSRP\\_Update.pdf](#)

## 6. Public Comment / Other Business

## 7. Adjournment / Next Meeting

The next meeting of the BATA Oversight Committee will be held on November 9, 2016 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](http://mtc.ca.gov)) for public review for at least one year.

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

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

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

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

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

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



# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

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**File #:** 15-1923      **Version:** 1      **Name:**

**Type:** Minutes      **Status:** Consent

**File created:** 9/9/2016      **In control:** Bay Area Toll Authority Oversight Committee

**On agenda:** 10/12/2016      **Final action:**

**Title:** Minutes of the September 14, 2016 meeting

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [4a BATA O Draft Minutes of 09-14-2016 Meeting.pdf](#)

Date	Ver.	Action By	Action	Result
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**Subject:**  
Minutes of the September 14, 2016 meeting

**Recommended Action:**  
Committee Approval



## 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 Tom Bates, Vice Chair*

*Jason Baker, David Campos, Federal D. Glover,  
Mark Luce, Libby Schaaf,  
Adrienne J. Tissier, Scott Wiener  
Non-Voting Member: Bijan Sartipi*

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Wednesday, September 14, 2016

9:30 AM

Board Room - 1st Floor

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Call Meeting to Order

#### 1. Roll Call / Confirm Quorum

**Present:** 5 - Vice Chair Bates, Commissioner Campos, Commissioner Glover, Commissioner Tissier, and Commissioner Wiener

**Absent:** 4 - Commissioner Baker, Commissioner Luce, Commissioner Schaaf, and Chairperson Worth

Commissioner Halsted, Commissioner Mackenzie, Commissioner Pierce, and Commissioner Spering were deputized to make a quorum of the Committee.

Non-Voting Member Absent: Commissioner Sartipi

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

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

#### 2. Pledge of Allegiance

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

#### 4. Consent Calendar

Approval of the Consent Calendar

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

**Aye:** 6 - Vice Chair Bates, Commissioner Campos, Pierce, Spering, Halsted and Mackenzie

**Absent:** 7 - Commissioner Baker, Commissioner Glover, Commissioner Luce, Commissioner Schaaf, Commissioner Tissier, Commissioner Wiener and Chairperson Worth

- 4a. [15-1843](#) Minutes of the July 13, 2016 meeting

**Action:** Committee Approval

- 4b. [15-1844](#) BATA Financial Statements Unaudited for June 2016

**Action:** Information

**Presenter:** Eva Sun

## 5. Approval

- 5a. [15-1845](#) Cooperative Agreement - Independent Quality Assurance for Construction of I-580 Richmond San Rafael Bridge Access Improvement Project: Caltrans (\$610,000)

A request to enter into a cooperative agreement with the California Department of Transportation (Caltrans) to provide Independent Quality Assurance during the construction phase of the I-580 Richmond San Rafael Bridge Access Improvement Project.

**Action:** Committee Approval

**Presenter:** Chris Lillie

**Upon the motion by Commissioner Spering and the second by Commissioner Halsted, the Committee unanimously approved the Cooperative Agreement with Caltrans. The motion carried by the following vote:**

**Aye:** 9 - Vice Chair Bates, Commissioner Campos, Commissioner Glover, Commissioner Tissier, Commissioner Wiener, Pierce, Spering, Halsted and Mackenzie

**Absent:** 4 - Commissioner Baker, Commissioner Luce, Commissioner Schaaf and Chairperson Worth

- 5b. [15-1884](#) Contract Amendment - I-580 Richmond San Rafael Bridge Access Improvement Project: On-Call Design Services: HNTB Corporation (\$1,857,000)

A request for approval of a contract amendment with HNTB Corporation for design services during construction and additional design services required for the completion of the I-580 Corridor Access Improvement Project.

**Action:** Committee Approval

**Presenter:** Chris Lillie

**Upon the motion by Commissioner Tissier and the second by Commissioner Campos, the Committee unanimously approved the Contract Amendment with HNTB Corporation. The motion carried by the following vote:**

**Aye:** 9 - Vice Chair Bates, Commissioner Campos, Commissioner Glover, Commissioner Tissier, Commissioner Wiener, Pierce, Spering, Halsted and Mackenzie

**Absent:** 4 - Commissioner Baker, Commissioner Luce, Commissioner Schaaf and Chairperson Worth

**6. Public Comment / Other Business**

**7. Adjournment / Next Meeting**

**The next meeting of the Bay Area Toll Authority Oversight Committee will be held on October 12, 2016 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)

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**File #:** 15-1924      **Version:** 1      **Name:**

**Type:** Report      **Status:** Consent

**File created:** 9/9/2016      **In control:** Bay Area Toll Authority Oversight Committee

**On agenda:** 10/12/2016      **Final action:**

**Title:** BATA Financial Statements for July and August 2016

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [4b Financials July&August.pdf](#)

Date	Ver.	Action By	Action	Result
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**Subject:**  
BATA Financial Statements for July and August 2016

**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](http://www.mtc.ca.gov)

## *Memorandum*

TO: BATA Oversight Committee

DATE: October 5, 2016

FR: Executive Director

W. I. 1254

RE: BATA Financial Statements for July and August 2016

Attached are the BATA financial statements for the two month period ending August 2016. Major highlights of the two month statement include:

- (1) **Revenues:** Toll bridge revenue for the current two months is slightly higher than budget.
- (2) **Transfers to MTC:** The annual 1% administration fee was transferred to MTC in the amount of \$7 million.
- (3) **FasTrak®** usage for the two months remains at 68% of total paid traffic.

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



Steve Heminger

Attachment

J:\COMMITTEE\BATA Oversight\2016\10\_Oct'2016\_BATA O\4b\_1\_Financial\_Statements\_Memo.docx

**BATA Operating Budget**

**As of August 2016**

	<b>FY 2016-17 Budget</b>	<b>Actual YTD</b>	<b>Current Budget Balance</b>	<b>% of Budget (col 2/1)</b>	<b>year Expired</b>	<b>Encumbrances</b>
<b>REVENUE:</b>						
1. RM 1 Toll Revenues	583,001,487	103,862,887	479,138,600	17.8%	16.7%	-
2. RM 2 Toll Revenues	126,351,051	22,622,161	103,728,890	17.9%	16.7%	-
3. Other revenue	10,000,000	4,048,227	5,951,773	40.5%	16.7%	-
4. Interest Income	10,400,000	2,120,773	8,279,227	20.4%	16.7%	-
5. GGB&HTD Fastrak Reimbursement	6,733,000	-	6,733,000	0.0%	16.7%	-
6. SFO Fastrak Reimbursement	463,000	13,919	449,081	3.0%	16.7%	-
7. Alameda CMA Reimbursement	1,150,000	238,911	911,089	20.8%	16.7%	-
8. VTA 237 Express Lane Reimb.	135,000	11,280	123,720	8.4%	16.7%	-
9. Rebate for Build America Bonds	71,355,353	12,487,813	58,867,540	17.5%	16.7%	-
<b>Total Revenue</b>	<b>809,588,891</b>	<b>145,405,971</b>	<b>664,182,920</b>	<b>18.0%</b>	<b>16.7%</b>	<b>-</b>
<b>EXPENSE:</b>						
<b>Caltrans Operations and Maintenance:</b>						
1. Toll Collection & Operations Services	22,700,000	3,608,670	19,091,330	15.9%	16.7%	-
2. Toll & Bridge Facility Maint	8,400,000	719,553	7,680,447	8.6%	16.7%	-
3. Caltrans Coordination	321,000	29,613	291,387	9.2%	16.7%	-
Caltrans O & M Subtotal	31,421,000	4,357,836	27,063,164	13.9%	16.7%	-
<b>Fastrak Operations and Maintenance:</b>						
4. RCSC Operations	23,400,000	83,275	23,316,725	0.4%	16.7%	3,016,763
5. ATCAS Maintenance, IT equip	4,985,306	141,704	4,843,602	2.8%	16.7%	1,353,718
6. Banking Costs	13,900,000	-	13,900,000	0.0%	16.7%	13,900,000
7. Collection Exp./DMV Exp.	2,400,000	316,316	2,083,684	13.2%	16.7%	1,436,321
BATA O & M Subtotal	44,685,306	541,295	44,144,011	1.2%	16.7%	19,706,802
<b>BATA Toll Bridge Administration:</b>						
8. Staff Costs - Salaries,Benefits & Temps	9,661,598	1,507,475	8,154,123	15.6%	16.7%	-
9. Travel, Printing, Memberships & Other	507,459	23,869	483,590	4.7%	16.7%	8,000
10. RM 1/RM2 Audit/Accounting/Other	2,500,200	165,911	2,334,289	6.6%	16.7%	951,492
11. Misc. Toll Admin Operating Expenses	1,100,000	524	1,099,476	0.0%	16.7%	5,144
12. Professional Fees	1,525,000	-	1,525,000	0.0%	16.7%	932,989
13. Other	1,000,000	-	1,000,000	0.0%	16.7%	10,000
Toll Bridge Admin Subtotal	16,294,257	1,697,779	14,596,478	10.4%	16.7%	1,907,625
<b>Other/Transfers:</b>						
14. Transfers to MTC 1% Admin	7,297,525	7,297,525	-	100.0%	16.7%	-
15. Transfers to MTC - Other	273,550	120,880	152,670	44.2%	16.7%	5,230
16. Transfers to SAFE	300,000	300,000	-	100.0%	16.7%	-
17. Transfer from Legal Reserve	2,000,000	8,100	1,991,900	0.4%	16.7%	579,115
18. Transbay Transit Terminal Maint	4,691,868	51,278	4,640,590	1.1%	16.7%	4,640,590
19. Beale St Assessment	1,750,000	-	1,750,000	0.0%	16.7%	-
20. Depreciation and Amortization	5,150,000	-	5,150,000	0.0%	16.7%	-
21. RM2/Clipper Marketing	3,750,000	-	3,750,000	0.0%	16.7%	151,825
22. RM2 Operating	45,000,000	4,292,091	40,707,909	9.5%	16.7%	33,042,659
Transfers	70,212,943	12,069,874	58,143,069	17.2%	16.7%	38,419,419
<b>Debt Service:</b>						
23. Interest and principal payments	516,410,069	3,599,378	512,810,691	0.7%	16.7%	-
24. Financing Costs	3,631,600	40,542	3,591,058	1.1%	16.7%	3,240,713
Total Debt Service	520,041,669	3,639,920	516,401,749	0.7%	16.7%	3,240,713
<b>Transfer to Capital Fund In (Out):</b>						
25. Transfer to Capital Fund	126,883,716	-	126,883,716	0.0%	16.7%	-
26. Furniture/Equip./Vehicle	50,000	-	50,000	0.0%	16.7%	-
Total Capital Reserve In (Out)	126,933,716	-	126,933,716	0.0%	16.7%	-
<b>Total Expense &amp; Transfers</b>	<b>809,588,891</b>	<b>22,306,704</b>	<b>787,282,187</b>			<b>63,274,559</b>
<b>Net</b>	<b>-</b>	<b>123,099,267</b>	<b>(123,099,267)</b>			

**CONTRACTS EXECUTED BY EXECUTIVE DIRECTOR**  
**\$2,500-200,000**

		<b>August'16</b>
Sympro Inc		\$30,000
	<i>Financial system service</i>	
Bloomberg Finance LP		\$37,800
	<i>Financial information and research service</i>	
Wells Fargo Bank		\$6,546
	<i>Insurance</i>	
Cal Poly Corporation		\$10,000
	<i>SFOBB capacity study</i>	

## CONTRACTS REQUIRED UNDER BOND ISSUANCE DOCUMENTS

**August'16**

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U.S Bank		\$3,600
	<i>Letter of Credit Draw Fee</i>	
Sumitomo Mitsui Bank		\$2,700
	<i>Letter of Credit Draw Fee</i>	
Bank of America		\$3,600
	<i>Letter of Credit Draw Fee</i>	
Bank of America		\$45,000
	<i>Agent Fee</i>	
Bank of New York		\$32,900
	<i>Financing Fees</i>	
U.S Bank		\$231,000
	<i>Financing Fees</i>	
Bond Logistix LLC		\$92,700
	<i>Financing Fees</i>	
Fitch Inc.		\$40,000
	<i>Financing Fees</i>	
JP Morgan		\$62,100
	<i>Financing Fees</i>	
Moody's Investor		\$81,000
	<i>Financing Fees</i>	
Standard & Poors		\$30,000
	<i>Financing Fees</i>	
Stifel, Nicolaus and Company Inc		\$22,200
	<i>Remarketing Fees</i>	
Merrill Lynch Pierce		\$82,200
	<i>Remarketing Fees</i>	
Citigroup		\$62,100
	<i>Remarketing Fees</i>	
Barclays Capital		\$42,100
	<i>Remarketing Fees</i>	
Morgan Stanley		\$64,300
	<i>Remarketing Fees</i>	

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

**August'16**

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SSP Data		
	<i>Computer supply</i>	\$108,327
AT&T		
	<i>Communication service</i>	\$69,028
Hinderliter De Llamas & Associates		
	<i>Sales tax analysis service</i>	\$16,800

**Regional Measure 2 Operating Budget  
As of August 2016 (\$000)**

Project #	Project Title	Total Budget	Allocation	Actual	Encumbrance	Balance Remaining
1	Richmond Bridge Express Bus	2,474	-	-	-	2,474
2	Napa Vine Service	426	-	-	-	426.400
3	Express Bus North - serving SFOBB, Dumbarton, San Mateo bridges	3,751	2,293	191	2,102	1,458
4	Express Bus South - serving Carquinez and Benicia Bridges	7,074	6,904	587	6,317	170
5	Dumbarton Bus	3,017	2,817	235	2,582	200
6	WETA Ferry Operations	15,300	15,300	2,444	12,856	-
7	Owl Service - BART Corridor	2,004	1,521	127	1,394	483
8	MUNI Metro 3rd St	2,500	2,500	208	2,292	-
9	AC Enhanced Bus Service	3,000	3,000	250	2,750	-
11	Water Emergency Transportation Authority Regional Planning	3,000	3,000	250	2,750	-
	Subtotal for Operating Assistance Program	42,546	37,335	4,292	33,043	5,211
N/A	Clipper Marketing	2,950	-	-	2	2,948
N/A	511 Real Time Transit	150	-	-	-	150
N/A	Seamless Transit Map	150	-	-	150	-
N/A	Regional Resource Center	100	-	-	-	100
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	-	-	152	3,598
	Total	\$46,296	\$37,335	\$4,292	\$33,195	\$8,809

**Regional Measure 2 Project Budget**  
**As of August 2016 (\$000) - Life to Date**

Program	Project Title	Total Budget	Allocation	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	30,000	-	-
3	MUNI Historic Streetcar Expansion (E-Line)	10,000	10,000	9,588	412	-
4	Dumbarton Commuter Rail Service <sup>i,iv,xii</sup>	9,157	8,965	8,932	33	192
5	Vallejo Ferry Intermodal Station <sup>v</sup>	26,000	24,827	23,547	1,280	1,173
6	Solano County Express Bus Intermodal Facilities <sup>vi</sup>	12,251	12,251	11,695	556	-
7	Solano County Corridor Improvements near I-80 / I-680 Interchange	100,000	100,000	92,741	7,259	-
8	I-80 EB HOV Lane Extension from Route 4 to Carquinez Bridge	37,175	37,175	37,175	-	-
9	Richmond Parkway Park & Ride <sup>vii</sup>	3,850	1,573	862	711	2,277
10	SMART Extension to Larkspur <sup>ii,vii</sup>	56,500	42,600	37,892	4,708	13,900
11	Greenbrae Interchange Improvement <sup>ii,viii</sup>	43,500	27,559	20,924	6,635	15,941
12	Direct HOV lane connector from I-680 to the Pleasant Hill BART <sup>ix</sup>	20,425	15,742	7,774	7,968	4,683
13	Rail Extension to East Contra Costa/E-BART	96,000	96,000	90,743	5,257	-
14	Capitol Corridor Improvements in Interstate-80/Interstate 680 Corridor <sup>vi,x</sup>	35,950	35,950	24,759	11,191	-
15	Central Contra Costa Bay Area Rapid Transit (BART) Crossover	25,000	25,000	25,000	-	-
16	Benicia-Martinez Bridge: New Span	50,000	50,000	50,000	-	-
17	Remaining Regional Express Bus North - Competitive Program Projects <sup>v,x</sup>	18,799	18,799	17,967	832	-
18	Clipper	22,000	21,980	20,683	1,297	20
19	Real-time transit information	20,000	20,000	18,939	1,061	-
20	Safe Routes to Transit	22,500	21,862	15,357	6,505	638
21	BART Tube Seismic Retrofit	33,801	33,801	33,801	-	-
22	Transbay Terminal/Downtown Extension	150,000	150,000	147,722	2,278	-
23	Oakland Airport Connector	115,199	115,199	115,199	-	-
24	AC Transit Enhanced Bus - Phase 1 (International Blvd/Telegraph Ave. Corridor) <sup>vii</sup>	77,760	77,760	30,542	47,217	-
25	Commute Ferry Service for Alameda/Oakland/Harbor Bay	12,000	12,000	6,459	5,541	-
26	Commute Ferry Service for Berkeley/Albany	12,000	12,000	46	11,954	-
27	Commute Ferry Service for South San Francisco	12,000	12,000	11,998	2	-
28	Water Transit Facility Imps., Spare Vessels and Environmental Review	48,000	27,905	27,090	815	20,095
29	Regional Express Bus South - Remaining Projects <sup>iv,vii,xi</sup>	33,933	29,132	27,225	1,907	4,801
30	I-880 North Safety Improvements <sup>xi</sup>	12,300	12,300	10,110	2,190	-
31	BART Warm Springs Extension <sup>i</sup>	186,000	186,000	155,428	30,572	-
32	I-580 (Tri Valley) Rapid Transit Corridor Improvements	65,000	53,005	50,806	2,199	11,995
33	Regional Rail Master Plan	6,500	6,456	6,062	394	44
34	Integrated Fare Structure Program	1,500	1,500	900	600	-
35	Transit Commute Benefits Promotion	5,000	5,000	3,366	1,634	-
36	Caldecott Tunnel Improvements <sup>ix</sup>	45,075	45,075	42,372	2,703	-
37	BART's Fixed Guideway Rehab	24,000	24,000	23,482	518	-
38	Regional Express Lane Network <sup>iii</sup>	4,825	4,825	-	4,825	-
39	Modifications in I-80 and San Pablo <sup>iii</sup>	8,000	8,000	7,008	992	-
40	Caltrain Electrification <sup>viii,xii</sup>	20,000	20,000	-	20,000	-
<b>Total</b>		<b>\$1,515,000</b>	<b>\$1,436,241</b>	<b>\$1,244,194</b>	<b>\$192,046</b>	<b>\$78,759</b>

<sup>i</sup> Allocated \$91 million from the Dumbarton Commuter Rail Service to the BART to Warm Springs Extension

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

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

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

Shaded projects are completed

# Rehab Project Budget

As of August 2016 (\$000) - Life to Date

Program #	Program	Total Budget	Total Expenses	Encumbrance	Balance Remaining
6812	Benicia-Martinez Bridge Rehab	2,607	166	-	2,441
6813	Carquinez Bridge Rehab	35,080	31,587	-	3,493
6814	Richmond-San Rafael Bridge Rehab	58,642	50,070	-	8,572
6825	San Francisco-Oakland Bay Bridge Rehab	196,049	143,068	-	52,981
6826	San Mateo-Hayward Bridge Rehab	108,998	54,020	1	54,978
6827	Dumbarton Bridge Rehab	4,792	4,792	-	-
6828	All Bridges Rehab	59,610	57,594	-	2,016
6829	Caltrans Reserve	5,000	4	-	4,996
8030	Completed/Defunded/Transferred Projects	117,302	116,623	-	679
8033	Minor Toll Plaza Rehab Projects	935	685	-	250
8210	New Benicia Bridge *	1,715	1,658	-	57
8315	Site Mitigation & Landscaping	154	83	-	71
8615	I-880/SR-92 Landscaping**	6,640	5,399	-	1,241
8629	Minor Bridge Rehab Projects	159	45	-	114
8637	Bay Trail Improvements	115	-	-	115
<b>TOTAL CALTRANS REHAB BUDGET</b>		<b>597,798</b>	<b>465,794</b>	<b>1</b>	<b>132,004</b>
8012	All Electronic Tolling Study	645	387	62	196
8528	Bay Lights Maintenance	320	14	160	146
8530	Drainage Studies for the Bridge	500	32	268	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	6,803	4,748	749
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	57,806	8,588	4,537
8902	Future CSC Upgrades/Replacement	20,950	16,148	659	4,143
8903	ATCAS Lane Host Upgrades	33,605	31,515	347	1,743
8904	Fastrak Sign & Sign Structure Improvements	29,510	29,329	181	-
8905	Misc. Bridge Improvements	13,967	4,565	978	8,424
8907	Toll Plaza Capital Improvements	18,448	11,669	1,239	5,540
8908	Enterprise Computing HW/SW	4,035	2,392	77	1,566
8909	Gateway Park Planning	30,113	12,223	2,852	15,038
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	7,842	-	-
8916	Bay Crossing Study	540	540	-	-
8917	IT Security Procedures & Policies	750	89	5	656
8918	Maintenance Complex	531	423	69	39
8920	Plaza and Canopy Improvements	9,263	8,545	718	-
8921	SFOBB Lane 17 & 18 Lane Reconfiguration	3,575	1,659	47	1,869
8922	Metering Lights Replacement	8,930	294	915	7,721
8923	Bridge Records Recordation and Storage	500	55	-	445
8924	Antioch Bridge Approach	50,000	47,171	2,739	90
8926	Bridge Modeling & Investigations	5,000	271	679	4,050
8927	CCTV Installation	6,000	-	-	6,000
8928	BATA Program Contingency	3,259	-	-	3,259
8930	Richmond-San Rafael Bridge Rehab	65,790	8,610	527	56,653
8933	Plan Bay Area TMS	9,000	469	3,519	5,012
8934	Temp License Plate System Implementation	500	-	-	500
8935	Communications in Bridge Corridors	2,500	-	-	2,500
8936	Backhaul Connection Infrastructure	1,000	109	32	859
8000-05	Capital Program Audit	8,300	5,978	640	1,682
8000-16	SRA/RM1 Program Monitoring	46,045	34,860	256	10,929
<b>Total BATA REHAB BUDGET</b>		<b>519,048</b>	<b>338,025</b>	<b>33,708</b>	<b>147,316</b>
<b>TOTAL REHAB BUDGET</b>		<b>1,116,846</b>	<b>803,818</b>	<b>33,709</b>	<b>279,320</b>

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 August 2016 (\$000) - Life to Date**

<b>Program</b>	<b>Base Budget</b>	<b>Current Budget****</b>	<b>Total Expenses*</b>	<b>Encumbrance</b>	<b>Remaining Balance</b>
San Francisco-Oakland Bay Bridge East Span Repl	\$ 5,486,600	\$ 6,477,500	\$ 6,190,167	\$ 287,333	\$ -
San Francisco-Oakland Bay Bridge West Span Retrofit	307,900	305,316	305,316	0	-
San Francisco-Oakland Bay Bridge West Approach Repl	429,000	459,500	450,374	9,126	-
Antioch Bridge Retrofit	-	71,100	71,093	7	-
Dumbarton Bridge Retrofit	-	112,400	112,309	91	-
Richmond-San Rafael Bridge Retrofit ***	808,100	795,200	794,870 ***	330	-
Benicia-Martinez Bridge Retrofit	177,800	177,830	177,817	13	-
Carquinez Bridge Retrofit	114,200	114,206	114,206	-	-
San Mateo-Hayward Bridge Retrofit	163,500	163,412	163,412	-	-
<b>Subtotal for Bay Area Bridges</b>	<b>7,487,100</b>	<b>8,676,464</b>	<b>8,379,564</b>	<b>296,900</b>	<b>-</b>
Misc Program Costs	30,000	30,000	26,024	3,976	-
Program Contingency**	989,000	66,606	-	66,606	-
Vincent Thomas Bridge Retrofit ( <i>non-BATA, for information</i> )	58,500	58,510	58,411	99	-
San Diego-Coronado Bridge Retrofit ( <i>non BATA, for</i> )	103,500	103,520	103,235	285	-
<b>Subtotal for Other Bridges</b>	<b>162,000</b>	<b>162,030</b>	<b>161,646</b>	<b>384</b>	<b>-</b>
<b>Total for Toll Bridge Seismic Retrofit Program</b>	<b>\$ 8,668,100</b>	<b>\$ 8,935,100</b>	<b>\$ 8,567,234</b>	<b>\$ 367,866</b>	<b>\$ -</b>

*Includes pre AB144 LTD expenses from Caltrans to April 2006	3,709,068
Bata expenses from May 2006 to current	4,858,166
	<u>8,567,234</u>

**\*\* 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 Diago-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)
Remaining Balance	<u>66,606</u>

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 August 2016 (\$000) - Life to Date**

<b>Project Title</b>	<b>Total Budget</b>	<b>Allocation</b>	<b>Actual</b>	<b>Encumbrance</b>	<b>Balance Remaining</b>
Doyle Drive Replacement	80,000	80,000	78,664	1,336	-
East Contra Costa BART Extension	111,500	111,500	103,089	8,411	-
Transbay Terminal/Downtown Extension:Phase 1	150,000	148,800	145,832	2,968	1,200
Tri-Valley Transit Access Improve. To BART	95,000	10,100	6,437	3,663	84,900
Regional Express Lane Network	2,800	2,800	2,800	-	-
Fairfield/Vacaville Train Station	9,000	9,000	2,833	6,167	-
I80/680 Interchange	100,000	100,000	89,459	10,541	-
Other Corridor Improvement	10,200	10,150	10,150	0	50
VTA Mission/Warren/Truck Rail Facility	6,500	6,500	-	6,500	-
BART to Warm Spring Extension	5,000	5,000	3,098	1,902	-
<b>Total</b>	<b>\$570,000</b>	<b>\$483,850</b>	<b>\$442,362</b>	<b>\$41,488</b>	<b>\$86,150</b>

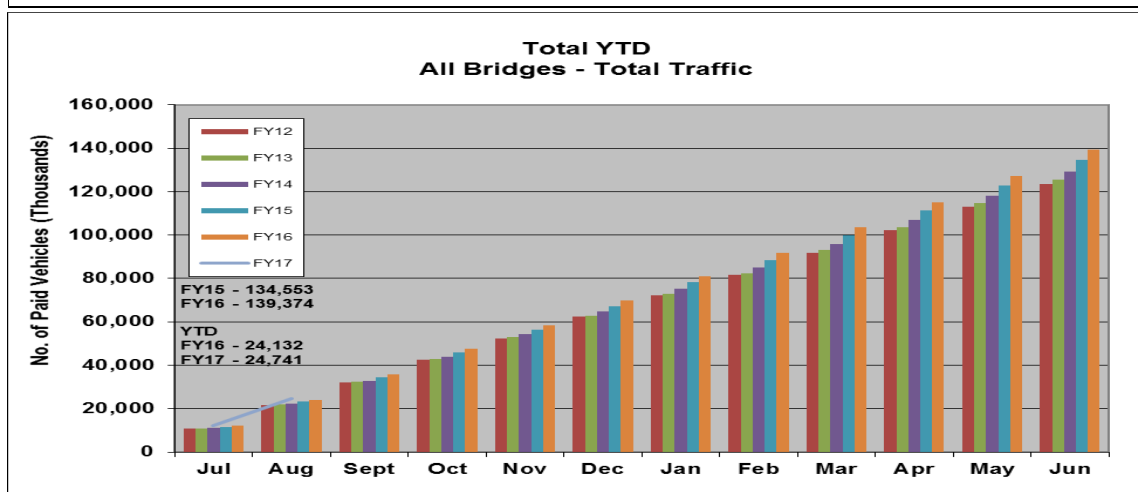
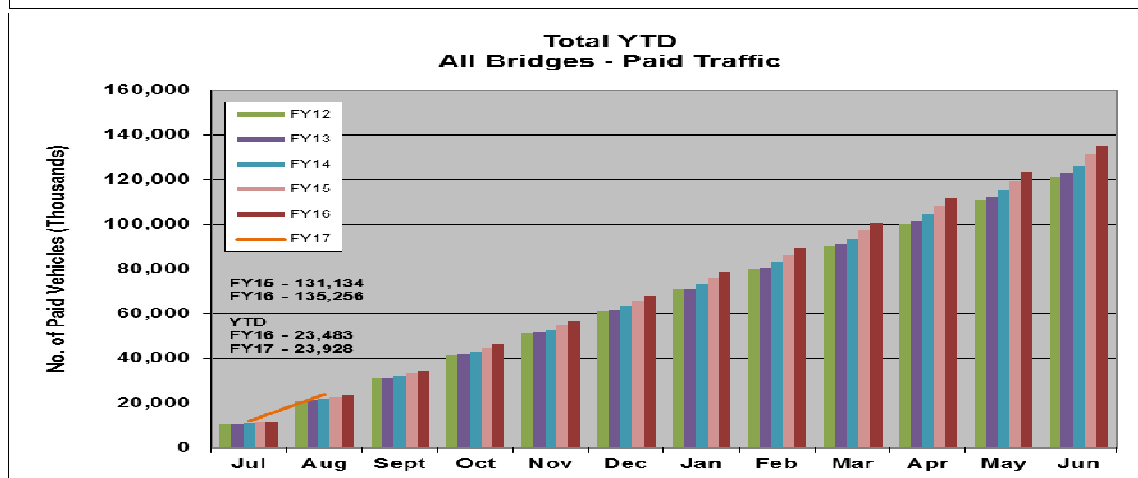
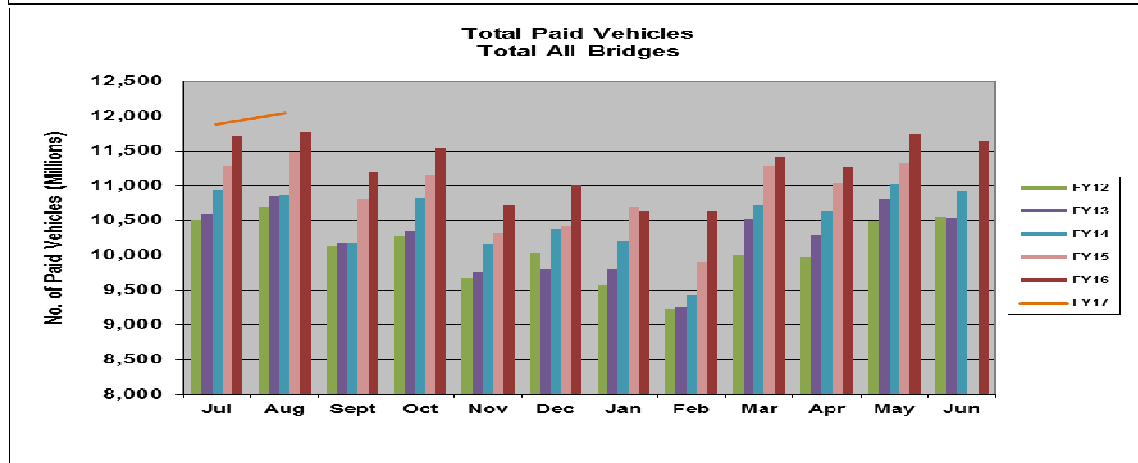
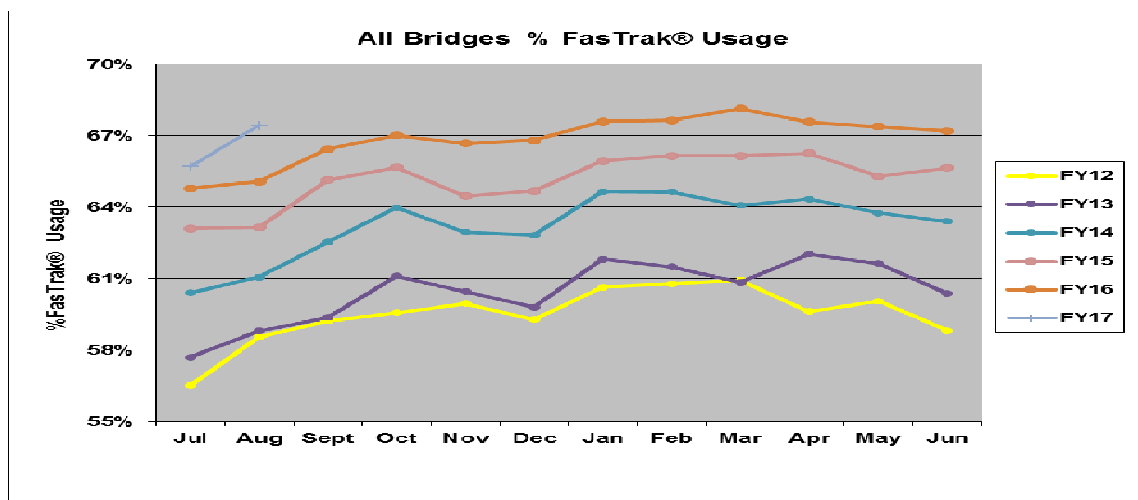
AB 1171 Program Budget:	\$570,000
Approved Projects:	\$483,850
AB 1171 Program Balance:	<u>\$86,150</u>

Shaded projects are completed

## Other Capital Projects

As of August 2016 (\$000) - Life to Date

Project Title		Total Budget	Actual	Encumbrance	Balance Remaining
6840	Program Costs: Planning, Coordination & Management	28,437	12,330	2,638	13,469
6841	Centralized Toll System	33,574	9,977	19,174	4,423
6842	CC-680 Southern Segment Conversion	55,649	31,309	17,450	6,889
6843	Capitalized Start-up O&M	16,000	487	10,891	4,622
6844	ALA-880 Conversion	77,779	19,642	42,145	15,992
6845	CC-680 Northern Segment - Southbound Conversion	32,288	660	39	31,589
6846	SOL-80 West Conversion	2,852	233	616	2,003
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	1,450	12,180	2,484
6851	84/Dumbarton Bridge	323	323	-	(0)
6852	92/San Mateo Bridge	369	369	-	(0)
849	Express Lanes Total	\$342,186	\$76,781	\$105,133	\$160,272
847	Core Capacity Challenge	250,000	-	24,923	225,077
Grand Total		\$592,186	\$76,781	\$130,056	\$385,349





# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

**File #:** 15-1943      **Version:** 1      **Name:**

**Type:** Contract      **Status:** Consent

**File created:** 9/16/2016      **In control:** Bay Area Toll Authority Oversight Committee

**On agenda:** 10/12/2016      **Final action:**

**Title:** Contract Amendment - Advanced Toll Collection and Accounting System (ATCAS II): TransCore, LP (\$1,130,020)

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [4c\\_ContractAmendment\\_TransCore.pdf](#)

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

Contract Amendment - Advanced Toll Collection and Accounting System (ATCAS II): TransCore, LP (\$1,130,020)

### Presenter:

Jeff Gerbracht

### Recommended Action:

Committee 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: October 5, 2016

FR: Executive Director

W. I. 1252

RE: Contract Amendment – Advanced Toll Collection and Accounting System (ATCAS II):  
TransCore, LP (\$1,130,020)

Staff requests the Committee authorize the Executive Director to enter into a contract amendment with TransCore, LP (TransCore) in an amount not to exceed \$1,130,020 to provide funds for replacement spare parts and a price adjustment to TransCore's operating maintenance budget, which the contract authorizes TransCore to receive annually.

### Background

BATA entered into a contract with TransCore in 2009 to replace the original toll collection system. Installation was completed in late 2013 followed by six years of maintenance ending in September, 2020. This amendment adds funds for October 2016 to September 2017 for spare parts (\$686,935) and for the contract price adjustment (\$443,035).

While maintaining the toll collection system, TransCore periodically replaces broken equipment such as cameras, antennas and printers. TransCore also preventively replaces equipment prior to failure, such as in-ground treadles for counting vehicle axles. The spare parts budget is based on usage from previous years along with forecasts of potential additional needs that may occur in the coming year.

Within the contract, the annual operating maintenance budget, originally set at \$2,446,437, is subject to adjustment on an annual basis during the seven year maintenance period based on increases and decreases in the Consumer Price Index (CPI) taken from the Urban Wage Earners and Clerical Workers for the San Francisco – Oakland – San Jose area. The adjustment is determined using the CPI from June 2009 and June 2016.

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

### Recommendation

Staff recommends this Committee authorize the Executive Director or his designated representative to negotiate and enter into a contract amendment with TransCore in an amount not to exceed \$1,130,020 to continue providing toll system maintenance services.

  
 Steve Heminger

SH:jg

**Attachment A**  
**Small Business and Disadvantaged Business Enterprise Status**

		DBE* Firm			SBE** Firm		
		Yes	If Yes, List #	No	Yes	If Yes, List #	No
Prime Contractor	Firm Name						
	Role on Project						
	TransCore, LP			X			X
Subcontractor	Transport Data Systems			X			X
	Statewide Traffic Control			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.:	1252
Vendor:	TransCore, LP
Work Project Title:	New Advanced Toll Collection and Accounting System (ATCAS II)
Purpose of Project:	Maintaining the Toll Collection and Accounting System operated on the seven state-owned toll bridges.
Brief Scope of Work:	Provide funds for replacement spare parts and a price adjustment to TransCore's operating maintenance budget, which the contract authorizes TransCore to receive annually.
Project Cost Not to Exceed:	This amendment - \$1,130,020  Current contract amount before this amendment - \$38,520,007  Maximum contract amount after the amendment - \$39,650,027
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 TransCore, LP to provide continuing maintenance services as described above and in the Executive Director's memorandum dated October 5, 2016, and the Chief Financial Officer is authorized to set aside funds in the amount \$1,130,020 for such contract amendment.
BATA Oversight Committee:	
	<hr/> Amy Worth, Chair
Approved:	October 12, 2016





# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

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**File #:** 15-1200      **Version:** 1      **Name:**  
**Type:** Contract      **Status:** Authority Approval  
**File created:** 1/8/2016      **In control:** Bay Area Toll Authority Oversight Committee  
**On agenda:** 10/12/2016      **Final action:**  
**Title:** BATA Resolution No. 118, Revised - Toll Bridge Seismic Retrofit Project Progress and Budget Update

A request to approve budget changes and allocations to the San Francisco-Oakland Bay Bridge East Span Seismic Retrofit Program for the Yerba Buena Island Buena Transitions Structures contract and for capital outlay support.

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [5a Reso-118 TBSRP Update.pdf](#)

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

BATA Resolution No. 118, Revised - Toll Bridge Seismic Retrofit Project Progress and Budget Update

*A request to approve budget changes and allocations to the San Francisco-Oakland Bay Bridge East Span Seismic Retrofit Program for the Yerba Buena Island Buena Transitions Structures contract and for capital outlay support.*

**Presenter:**

Peter Lee

**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](http://www.mtc.ca.gov)

## ***Memorandum***

TO: BATA Oversight Committee

DATE: October 5, 2016

FR: Executive Director

W. I. 1251

RE: BATA Resolution No. 118, Revised – Toll Bridge Seismic Retrofit Project Progress and Budget Update

Staff is requesting Committee approval of BATA Resolution No. 118, Revised to update budgets and allocations to the San Francisco-Oakland Bay Bridge East Span Seismic Retrofit Project for the Yerba Buena Island Transitions Structures #2 Contract and for capital outlay support.

### **San Francisco-Oakland Bay Bridge East Span Seismic Retrofit Project Update**

- Old Bay Bridge Dismantling – The superstructure dismantling contractor lowered the last of the 504 feet long truss spans in August and is now proceeding with the removal of the 288 feet truss long spans. Following the successful pier implosion last year, Caltrans has received environmental approvals for implosion of the remaining piers. Piers E5 and E6 are scheduled to be imploded on Saturday October 15 and Saturday October 29; however, these dates are still subject to change. Piers E7 to E18 will be imploded in subsequent years.
- Pedestrian/Bicycle Pathway – The Yerba Buena Island #2 Contractor anticipates opening the gap in the pathway from the suspension span to Yerba Buena Island soon. Due to continuing hazardous construction activities associated with the 288 feet long truss removals and aforementioned pier implosions, unfortunately, the full pathway will be closed most weekdays and during the implosions to minimize any exposures to the public.

As a separate non-seismic retrofit project, BATA, Caltrans, and the San Francisco County Transportation Authority (SFCTA) have been collaborating to construct a temporary Bay Bridge Trail Vista Point and Parking for bicyclists and pedestrians on Yerba Buena Island to provide a better end destination and access to the pathway. Staff of the three agencies had hoped to open the temporary vista point at the same time as the pathway opened off the bridge, but right-of-way negotiations and concerns over security and enforcement have delayed start of construction. The partners are exploring additional means to improve access on the island for bicyclists and pedestrians after the path is opened to public use.

Staff also notes that the pathway landing area is still in the middle of three active construction sites by three separate agencies – Caltrans, SFCTA, and the Treasure Island Development Authority. SFCTA, Caltrans and BATA are working together to secure funding to make additional permanent access improvements in the area by realigning the roadway network; however, this work may take another year to accomplish.

- Tower Anchor Rods – In May 2016, the Toll Bridge Program Oversight Committee (TBPOC) approved the re-grouting of the tower anchor rods based on recommendations from Caltrans and the peer review group. Caltrans has issued plans for the re-grouting operations to contractors for bid. Bids are due October 10, 2016. The work will be funded from seismic funds already allocated to the Self-Anchored Suspension Span Contract.

### **Proposed Budget Changes and Allocations to the San Francisco-Oakland Bay Bridge East Span Seismic Retrofit Project**

In 2005, the state legislature established the Toll Bridge Seismic Retrofit Program (TBSRP) to seismically retrofit seven state-owned toll bridge with an \$8.7 billion budget to accomplish this work. In 2010, the Antioch and Dumbarton bridges were added to the program, and the program budget was augmented by \$750 million to \$9.4 billion. Based upon successful completion of the retrofits of the Antioch and Dumbarton bridges and projected risks for project completion and demolition of the old east span, the TBPOC recommended and the Authority approved budget reductions totaling \$483 million resulting in a current program budget of \$8.9 billion.

The current approved budget includes \$67 million in remaining program contingency. As of the end of the second quarter of 2016, the forecast 50 percent probable draw on program contingency is \$184 million. This draw is due to risks from project delays and construction activities. Per this latest forecast, the remaining program contingency may be insufficient to cover the cost of identified risks and the Authority may need to allocate toll funds from its reserves to complete remaining work.

In September, Caltrans requested supplemental allocations for the Yerba Buena Island Transition Structures #2 Contract and for capital outlay support totaling \$25.7 million. These allocations will require a drawdown of remaining contingency, leaving a contingency balance of \$41 million.

- A. Yerba Buena Island Transition Structures #2 Construction Contract – Caltrans requested an additional \$9.3 million to complete the contract. The funds will cover identified changes, such as repair of slope damage from last winter's storms, modifications to work on the U.S. Coast Guard Base, and replenishment of the contract contingency. The request was reduced by \$0.6 million by the TBPOC pending further information on geotechnical risks on additional slope repair work. The revised supplemental budget and allocation request is \$8.7 million to be drawn from the program contingency.
- B. Capital Outlay Support – As reported to this committee in June, Caltrans requested a support allocation of \$28 million for FY 2016-17 from the TBPOC. At that time, TBPOC did not have sufficient time to fully deliberate on the request and only took action to approve an initial allocation of \$6 million from the program contingency to continue work

through the first quarter of FY 2016-17. This action was subsequently included in the budget and approved by the Authority. In September, Caltrans returned to the TBPOC with revised total support budget request of \$26 million. After deliberation, the TBPOC approved a reduced total budget of \$23 million for this year.

Staff is requesting a supplemental allocation \$17 million for capital outlay support. The revised supplemental budget and allocation for support request draws from the program contingency.

The TBPOC has requested that its program management team review the request and continue to seek ways to reduce costs. The total budget revision is summarized below.

**Table 1**  
**Toll Bridge Seismic Retrofit Program Budget**

Project	Current Budget (millions)	Revised Budget (millions)
SFOBB East Span Replacement	\$6,477.5	\$6,503.2
Other Seismic Retrofit Projects	\$2,407.9	\$2,407.9
Subtotal	\$8,885.4	\$8,911.1
Program Contingency	\$66.6	\$40.9
Total	\$8,952.0	\$8,952.0

**Recommendation**

Staff recommends that this Committee refer the BATA Toll Bridge and Operating Budgets for FY 2016-17, BATA Resolution No. 118, revised to the Authority for approval.



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Steve Heminger

SH:pl

J:\COMMITTEE\BATA Oversight\2016\10\_Oct'2016\_BATA O\5a\_Reso-118\_TBSRP Update (Peter Lee)\_v2.docx

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

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

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

  
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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

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

## **OPERATING REVENUE-EXPENSE SUMMARY**

	REVISED BUDGET FY 2015-16	DRAFT BUDGET FY 2016-17	Change % Inc./(Dec)	Change \$ Inc./(Dec)
General Toll Revenue	\$687,310,277	\$709,352,538	3.2%	\$22,042,261
Violation Revenue	10,000,000	10,000,000	0.0%	\$0
Interest Revenue	11,400,000	10,400,000	-8.8%	(1,000,000)
Reimbursement Revenue	8,118,000	8,481,000	4.5%	363,000
Rebate for Build America Bonds	70,972,545	71,355,353	0.5%	382,808
<b>Total Operating Revenue</b>	<b>\$787,800,822</b>	<b>\$809,588,891</b>	2.8%	\$21,788,069
<b>Total Operating Expense</b>	<b>\$682,528,268</b>	<b>\$682,705,175</b>	0.0%	\$176,907
<b>Operating Surplus</b>	<b>\$105,272,554</b>	<b>\$126,883,716</b>	20.5%	\$21,611,162
<b>Transfer to Reserves</b>	<b>\$105,272,554</b>	<b>\$126,883,716</b>		
<b>Total Operating Surplus (Shortfall)</b>	<b>\$0</b>	<b>\$0</b>		\$0

## **REVENUE DETAIL** **BUDGET FY 2016-17**

	REVISED BUDGET FY 2015-16	DRAFT BUDGET FY 2016-17	Change % Inc./(Dec)	Change \$ Inc./(Dec)
<b>General Toll Revenue (subtotal)</b>	<b>\$687,310,277</b>	<b>\$709,352,538</b>	3.2%	\$22,042,261
RM 1 & Seismic Toll Revenues	\$564,725,114	\$583,001,487	3.2%	\$18,276,373
RM 2 Toll Revenues	122,585,163	126,351,051	3.1%	3,765,888
<b>Violation Revenue (subtotal)</b>	<b>\$10,000,000</b>	<b>\$10,000,000</b>	0.0%	\$0
Other Revenue (Violations)	\$10,000,000	\$10,000,000	0.0%	\$0
<b>Interest Revenue (subtotal)</b>	<b>\$11,400,000</b>	<b>\$10,400,000</b>	-8.8%	(\$1,000,000)
RM1 Interest Earnings	\$9,120,000	\$8,320,000	-8.8%	(\$800,000)
RM2 Interest Earnings	2,280,000	2,080,000	-8.8%	(200,000)
<b>Reimbursement Revenue (subtotal)</b>	<b>\$8,118,000</b>	<b>\$8,481,000</b>	4.5%	\$363,000
GGBHTD Fastrak Reimbursement	\$6,377,000	\$6,733,000	5.6%	\$356,000
ACTC Reimbursement	1,143,000	1,150,000	0.6%	7,000
UTA 237 Express Lane Reimbursement	135,000	135,000	0.0%	0
SFO Airport Reimbursement	463,000	463,000	0.0%	0
<b>Rebate for Build America Bonds (subtotal)</b>	<b>\$70,972,545</b>	<b>\$71,355,353</b>	0.5%	\$382,808
Rebate for Build America Bonds	\$70,972,545	\$71,355,353	0.5%	\$382,808
<b>Total Current Year Revenue</b>	<b>\$787,800,822</b>	<b>\$809,588,891</b>	2.8%	\$21,788,069

# EXPENSE DETAIL

BUDGET FY 2016-17

	REVISED BUDGET FY 2015-16	DRAFT BUDGET FY 2016-17	Change % Inc./(Dec)	Change \$ Inc./(Dec)
<b>Operating Expense</b>				
<b>Caltrans Operations and Maintenance (Subtotal)</b>	<b>\$30,921,000</b>	<b>\$31,421,000</b>	<b>1.6%</b>	<b>\$500,000</b>
Toll Collection & Operations Services	\$22,200,000	\$22,700,000	2.3%	\$500,000
Toll Bridge & Facility Maintenance (Category A&B)	8,400,000	8,400,000	0.0%	0
Caltrans Coordination	321,000	321,000	0.0%	0
<b>Fastrak Operations and Maintenance (Subtotal)</b>	<b>\$43,931,468</b>	<b>\$44,685,306</b>	<b>1.7%</b>	<b>\$753,838</b>
RCSC Operations	\$23,123,000	\$23,400,000	1.2%	\$277,000
Banking/Credit Card Fees	13,900,000	13,900,000	0.0%	0
ATCAS Facility and In-lane Maintenance	3,356,468	3,417,306	1.8%	60,838
ATCAS Hardware/Software Maintenance	1,652,000	1,568,000	-5.1%	(84,000)
Collections Contract/DMV Expenses	1,900,000	2,400,000	26.3%	500,000
<b>Toll Bridge Operations and Maintenance Total</b>	<b>\$74,852,468</b>	<b>\$76,106,306</b>	<b>1.7%</b>	<b>\$1,253,838</b>
<b>Toll Bridge Administration (Subtotal)</b>	<b>\$27,103,976</b>	<b>\$19,270,857</b>	<b>-28.9%</b>	<b>(\$7,833,119)</b>
Salaries and Benefits	\$8,293,852	\$9,615,949	15.9%	\$1,322,097
Temporary Assistance	1,092,494	45,649	-95.8%	(1,046,845)
Travel&Training/Printing/Memberships	410,605	412,459	0.5%	1,854
Other	385,075	95,000	-75.3%	(290,075)
Financing Costs	13,366,750	3,631,600	-72.8%	(9,735,150)
Audit/Accounting/Other	2,400,200	2,500,200	4.2%	100,000
Beale St Assessment	0	1,750,000	N/A	1,750,000
Business Insurance	550,000	600,000	9.1%	50,000
Misc. Toll Administration Operating Expenses	500,000	500,000	0.0%	0
CTC TBPOC Oversight Committee Reimbursement	105,000	120,000	14.3%	15,000
<b>Consultant Contract/Other (Subtotal)</b>	<b>\$2,250,000</b>	<b>\$2,365,000</b>	<b>5.1%</b>	<b>\$115,000</b>
ETC Marketing	\$850,000	\$850,000	0.0%	\$0
Toll Plaza Traffic Operations Analysis	50,000	150,000	200.0%	100,000
RM2 Project Monitoring - Capital & Ops. Program	350,000	365,000	4.3%	15,000
BATA Contract Contingency	500,000	500,000	0.0%	0
RM2 Contract Contingency	500,000	500,000	0.0%	0
<b>Transfers to MTC (Subtotal)</b>	<b>\$18,431,124</b>	<b>\$18,352,943</b>	<b>-0.4%</b>	<b>(\$78,181)</b>
1% Administration	\$7,087,103	\$7,297,525	3.0%	\$210,422
Transfer to MTC	640,400	273,550	-57.3%	(366,850)
RM2 Marketing	3,290,000	3,750,000	14.0%	460,000
Transfer to Legal Reserve	1,175,000	2,000,000	70.2%	825,000
Disaster Preparedness	150,000	40,000	-73.3%	(110,000)
Transbay Transit Terminal Maintenance	4,533,205	4,691,868	3.5%	158,663
Transfer to BAHA	1,255,416	0	-100.0%	(1,255,416)
Transfer to SAFE	300,000	300,000	0.0%	0
<b>Debt Service</b>	<b>\$511,140,700</b>	<b>\$516,410,069</b>	<b>1.0%</b>	<b>\$5,269,369</b>
<b>RM2 Transit Operating</b>	<b>\$43,800,000</b>	<b>\$45,000,000</b>	<b>2.7%</b>	<b>\$1,200,000</b>
<b>Furniture/Equipment</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>0.0%</b>	<b>\$0</b>
<b>Provision for Depreciation/Amortization</b>	<b>\$4,900,000</b>	<b>\$5,150,000</b>	<b>5.1%</b>	<b>\$250,000</b>
<b>Total Operating Expense</b>	<b>\$682,528,268</b>	<b>\$682,705,175</b>	<b>0.0%</b>	<b>\$176,907</b>



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**

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

		Thru 2016	2017	Adjustments	Thru 2017
Toll Bridge Rehabilitation Program	Support	\$189,059,875	\$23,729,090		\$212,788,965
Summary	Capital	\$816,034,442	\$88,021,852		\$904,056,293
	Total	\$1,005,094,316	\$111,750,942	\$0	\$1,116,845,259

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	\$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	\$0	\$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	\$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	\$0	\$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	\$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	\$0	\$17,320,000
7	CTR 0012	04082	SFO	Replace Substation Equipment on WS***	Support	\$957,644			\$957,644
		REHAB 6825			Capital	\$869,782			\$869,782
					Total	\$1,827,425	\$0	\$0	\$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	\$0	\$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	\$0	\$72,662
10	CTR 0015	04224	SMH	Replace Elec Cable Hangers & Upgrade 12kv System***	Support	\$2,869,539			\$2,869,539
		REHAB 6826			Capital	\$2,777,316			\$2,777,316
					Total	\$5,646,855	\$0	\$0	\$5,646,855
11	CTR 0016	04225	DUM	Expansion Joint Rehabilitation	Support	\$2,091,531			\$2,091,531
		REHAB 6827			Capital	\$2,700,672			\$2,700,672
					Total	\$4,792,203	\$0	\$0	\$4,792,203
12	CTR 0145	0120S	SFO	SFOBB East Span YBITS 1	Support	\$1,640,000			\$1,640,000
		REHAB 6825		YBI Resurfacing/BASE	Capital	\$22,150,000			\$22,150,000
				Replace Lighting w/ HPS Lighting System	Total	\$23,790,000	\$0	\$0	\$23,790,000
13	CTR 0018	04907	CAR	Replace Pier 3 Fender Structure Support and	Support	\$4,811,400			\$4,811,400
		REHAB 6813		Timber Fenders at Piers 2, 3, 4***	Capital	\$17,652,449			\$17,652,449
					Total	\$22,463,849	\$0	\$0	\$22,463,849
14	CTR 0027	1G250	SFO	Replace Lighting w/ HPS Lighting System (WB)***	Support	\$714,010			\$714,010
		REHAB 6825			Capital	\$0			\$0
					Total	\$714,010	\$0	\$0	\$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	\$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	\$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	\$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	\$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	\$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	\$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	\$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	\$20,000,000		\$20,801,198
					Total	\$3,808,198	\$21,604,000	\$0	\$25,412,198
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		\$0	\$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	\$0	\$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	\$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	\$0	\$43,275,000
27	CTR 0053	3G486	SMH	Bridge Paint	Support	\$3,500,000	\$267,000		\$3,767,000
		REHAB 6826			Capital	\$54,000,000			\$54,000,000
					Total	\$57,500,000	\$267,000	\$0	\$57,767,000
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	\$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	\$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	\$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	\$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	\$0	\$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	\$0	\$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	\$0	\$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	\$0	\$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	\$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	\$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	\$0	\$6,150,000
39	CTR 0078	3G462	BM	Floor Beam Mitigation Phase 1	Support	\$316,000	\$980,000		\$1,296,000
		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	\$680,000	\$0	\$2,196,000
40	CTR 0084	CTR 0084	BM	Floor Beam Mitigation Phase 2	Support	\$0			\$0
		REHAB 6812			Capital	\$0			\$0
					Total	\$0	\$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	\$0	\$12,286,000
42	CTR 0097	3G305	Var.	Replace Fog Horns, Radar Beacons and	Support	\$1,296,000	\$574,000		\$1,870,000
		REHAB 6828		Related Electrical Systems on Southern Bridges	Capital	\$4,500,000	-\$4,500,000		\$0
					Total	\$5,796,000	-\$3,926,000	\$0	\$1,870,000
43	CTR 0107	3G364	RSR	Substations Upgrade	Support	\$635,000			\$635,000
		REHAB 6814			Capital	\$0			\$0
					Total	\$635,000	\$0	\$0	\$635,000
44	CTR 0119	3G307	SFO	Fog Horns (West Spans)***	Support	\$339,821			\$339,821
		REHAB 6825			Capital	\$0			\$0
					Total	\$339,821	\$0	\$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	\$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	\$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	\$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	\$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			\$5,808,000
				and Resurfacing	Total	\$7,102,000	\$1,441,000	\$0	\$8,543,000
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	\$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	\$0	\$41,464,000
52	CTR 0148	01410	SFO	SFOBB Maintenance Complex	Support	\$0			\$0
		REHAB		Maintenance Warehouse	Capital	\$15,900,000			\$15,900,000
		6825		Phase 2	Total	\$15,900,000	\$0	\$0	\$15,900,000
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			\$2,729,000
		6825			Total	\$4,473,000	\$209,000	\$0	\$4,682,000
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	\$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	\$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	\$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	\$0	\$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	\$0	\$99,415
59	CTR 0157	3G400	VAR	Bridge Overlays***	Support	\$134,556			\$134,556
		REHAB			Capital	\$0			\$0
		6828			Total	\$134,556	\$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	\$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	\$0	\$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	\$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	\$0	\$1,011,640
64	CTR 0182	3G478	Var	PID - Water Line System	Support	\$244,000			\$244,000
		REHAB		Air Compressor, Airlines	Capital	\$0			\$0
		6828			Total	\$244,000	\$0	\$0	\$244,000
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	\$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	\$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			\$200,000 \$0 \$200,000
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	2J190 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	\$500,000		\$500,000 \$500,000 \$500,000
89	CTR 0233	TBD REHAB 6825	SFOBB	W4 Fender Repair Director's Order	Support Capital Total	\$0 \$0 \$0	\$618,000 \$2,200,000 \$2,818,000		\$618,000 \$2,200,000 \$2,818,000
90	CTR Res	CTR Res REHAB 6829	Var.	Caltrans Program Contingency	Support Capital Total	\$361,936 \$0 \$361,936	\$4,638,064		\$5,000,000 \$0 \$5,000,000

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA	Status		Thru 2016	2017	Adjustments	Thru 2017
91	880/92	2G361	880/92	Landscaping**	Support	\$690,000			\$690,000
		RM1			Capital	\$1,800,000			\$1,800,000
		8615			Total	\$2,490,000	\$0	\$0	\$2,490,000
92	880/92	2G362	880/92	Landscaping**	Support	\$800,000			\$800,000
		RM1			Capital	\$0			\$0
		8615			Total	\$800,000	\$0	\$0	\$800,000
93	BM	0060A	BM	Modification to 1962 Bridge**	Support	\$6,211			\$6,211
		RM1			Capital	\$0			\$0
		8210			Total	\$6,211	\$0	\$0	\$6,211
94	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	\$1,709,000
95	CAR	0130J	CAR	Site Mitigation 3**	Support	\$150,000			\$150,000
		RM1			Capital	\$0			\$0
		8315			Total	\$150,000	\$0	\$0	\$150,000
96	CAR	0130K	CAR	Misc Landscaping**	Support	\$4,177			\$4,177
		RM1			Capital	\$0			\$0
		8315			Total	\$4,177	\$0	\$0	\$4,177
97	880/92	01601	880/92	880/92 Interchange**	Support	\$850,000			\$850,000
		RM1			Capital	\$2,500,000			\$2,500,000
		8615			Total	\$3,350,000	\$0	\$0	\$3,350,000
98	SMH	27790	SMH	Bay Trail Improvement**	Support	\$0			\$0
		RM1			Capital	\$115,000			\$115,000
		8637			Total	\$115,000	\$0	\$0	\$115,000
99	BR 0001	8531	BATA	Benicia ORT***	Support	\$0			\$0
		REHAB			Capital	\$4,153,000			\$4,153,000
					Total	\$4,153,000	\$0	\$0	\$4,153,000
100	BR 0002	8539	BATA	SFOBB Eyebare Review	Support	\$2,914,000			\$2,914,000
		REHAB			Capital	\$0			\$0
					Total	\$2,914,000	\$0	\$0	\$2,914,000
101	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	\$12,300,000
102	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	\$0	\$30,113,000
103	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	\$25,619,200
104	BR 0006	8918	BATA	SFOBB Maintenance Complex	Support	\$0			\$0
		REHAB			Capital	\$531,000			\$531,000
					Total	\$531,000	\$0	\$0	\$531,000
105	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	\$3,575,000
106	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	\$0	\$8,930,000
107	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	\$0	\$9,263,000
108	BR 0011	8923	BATA	Bridge Documentation	Support	\$0			\$0
		REHAB			Capital	\$500,000			\$500,000
					Total	\$500,000	\$0	\$0	\$500,000
109	BR 0013	8602	BATA	Hybrid/ETC Lane Modifications	Support	\$0			\$0
		REHAB			Capital	\$874,000			\$874,000
					Total	\$874,000	\$0	\$0	\$874,000
110	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	\$0	\$18,448,000
111	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
112	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
113	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	\$0	\$70,931,395
114	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	\$0	\$19,450,000

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA	Status		Thru 2016	2017	Adjustments	Thru 2017
115	BR 0020	8903 REHAB	BATA	Future Lane/Host Upgrades and Replacement (ATCAS)	Support Capital Total	\$0 \$33,800,000 \$33,800,000			\$0 \$33,800,000 \$33,800,000
116	BR 0021	8904 REHAB	BATA	FasTrak Sign and Sign Structure Improvements (Strategic)	Support Capital Total	\$1,000,000 \$28,555,000 \$29,555,000			\$1,000,000 \$28,510,130 \$29,510,130
117	BR 0022	8905 REHAB	BATA	Misc Bridge Improvements	Support Capital Total	\$400,000 \$9,096,000 \$9,496,000			\$400,000 \$13,567,000 \$13,967,000
118	BR 0023	8908 REHAB	BATA	BATA Technology Infrastructure (HW, SW, NETWORK)	Support Capital Total	\$0 \$4,035,000 \$4,035,000			\$0 \$4,035,000 \$4,035,000
119	BR 0025	8912 REHAB	BATA	Tag Inventory Conversion (Upgrade Technology)	Support Capital Total	\$200,000 \$1,936,500 \$2,136,500			\$200,000 \$1,936,500 \$2,136,500
120	BR 0026	8914 REHAB	BATA	Violation Enforcement System	Support Capital Total	\$0 \$7,842,000 \$7,842,000			\$0 \$7,842,000 \$7,842,000
121	BR 0027	8916 REHAB	BATA	Bay Crossing Study	Support Capital Total	\$540,000 \$0 \$540,000			\$540,000 \$0 \$540,000
122	BR 0028	8917 REHAB	BATA	BATA Technology Security Review and Implementation	Support Capital Total	\$0 \$750,000 \$750,000			\$0 \$750,000 \$750,000
123	BR 0029	8926 REHAB	BATA	Bridge Modeling and Investigations	Support Capital Total	\$2,000,000 \$3,000,000 \$5,000,000			\$2,000,000 \$3,000,000 \$5,000,000
124	BR 0030	8000-16 REHAB	BATA	Program Monitoring	Support Capital Total	\$0 \$46,044,709 \$46,044,709			\$0 \$46,044,709 \$46,044,709
125	BR 0031	8000-05 REHAB	BATA	Capital Program Audits	Support Capital Total	\$0 \$8,000,000 \$8,000,000			\$0 \$8,300,000 \$8,300,000
126	BR 0033	8927 REHAB	BATA	CCTV Installation	Support Capital Total	\$850,000 \$5,150,000 \$6,000,000			\$850,000 \$5,150,000 \$6,000,000
127	BR 0034	8924 REHAB	BATA	Antioch Bridge CCTA 160/4 Interchange	Support Capital Total	\$0 \$50,000,000 \$50,000,000			\$0 \$50,000,000 \$50,000,000
128	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
129	BR 0037	8932 REHAB	BATA	ETC Loop Rehabilitation new request FY 2014	Support Capital Total	\$0 \$0 \$0			\$0 \$0 \$0
130	BR 0038	BR 0038 REHAB	BATA	Future CSC Procurement	Support Capital Total	\$0 \$0 \$0	\$1,500,000 \$1,500,000 \$1,500,000		\$1,500,000 \$1,500,000 \$1,500,000
131	BR 0039	8933 REHAB	BATA	Plan Bay Area TMS	Support Capital Total	\$0 \$9,000,000 \$9,000,000			\$0 \$9,000,000 \$9,000,000
132	BR 0040	8012 REHAB	BATA	All Electronic Tolling Study	Support Capital Total	\$0 \$450,000 \$450,000			\$0 \$450,000 \$450,000
133	BR 0041	8934 REHAB	BATA	Temporary License Plate System Implementation	Support Capital Total	\$0 \$500,000 \$500,000			\$0 \$500,000 \$500,000
134	BR 0042	8935 REHAB	BATA	Communications in Bridge Corridors	Support Capital Total	\$0 \$2,500,000 \$2,500,000			\$0 \$2,500,000 \$2,500,000
135	BR 0043	8936 REHAB	BATA	Backhaul Connection Infrastructure	Support Capital Total	\$0 \$1,000,000 \$1,000,000			\$0 \$1,000,000 \$1,000,000
136	BR 0044	8540 REHAB	BATA	Regional Transportation Sea Level Rise Asset	Support Capital Total	\$0 \$2,000,000 \$2,000,000			\$0 \$2,000,000 \$2,000,000
137	BR 0045	8530 REHAB	BATA	Drainage studies for the Bridges	Support Capital Total	\$0 \$500,000 \$500,000			\$0 \$500,000 \$500,000
138	BR 0046	8528 REHAB	BATA	Bay Lights Maintenance	Support Capital Total	\$0 \$160,000 \$160,000			\$0 \$320,000 \$320,000
139	BR Res	8928 REHAB	Var	BATA Program Contingency RM1 Closeout	Support Capital Total	\$0 \$3,258,612 \$3,258,612			\$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
Toll Bridge Rehabilitation Program					Support	\$189,059,875	\$23,729,090		\$212,788,965
Summary					Capital	\$816,034,442	\$88,021,852		\$904,056,293
					Total	\$1,005,094,316	\$111,750,942	\$0	\$1,116,845,259
Caltrans Rehabilitation Program					Support	\$167,476,874	\$22,165,090		\$189,641,965
Summary					Capital	\$391,290,026	\$16,865,722		\$408,155,748
					Total	\$558,766,900	\$39,030,812	\$0	\$597,797,713
BATA Rehabilitation Program					Support	\$21,583,000	\$1,564,000		\$23,147,000
Summary					Capital	\$424,744,416	\$71,156,130		\$495,900,546
					Total	\$446,327,416	\$72,720,130	\$0	\$519,047,546

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

\*\*Previous expenses covered in RM1 Program.

\*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

		Thru 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Total
Toll Bridge Rehabilitation Program	Support	\$189,059,875	\$23,729,090	\$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	\$304,884,965
Summary	Capital	\$816,034,442	\$88,021,852	\$38,264,000	\$35,060,000	\$66,160,000	\$54,960,000	\$12,460,000	\$41,960,000	\$12,560,000	\$13,260,000	\$12,960,000	\$1,191,700,293
	Total	\$1,005,094,316	\$111,750,942	\$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	\$1,496,585,259

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 20162017201820192020202120222023202420252026Total												
		Program	CCA			Status												
		REHAB			Capital	\$0												\$0
		6828			Total	\$67,738	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$67,738
		3G442	SFO	Replace Seismic Dampeners (WS)	Support	\$3,007,000	\$1,604,000	\$1,000,000										\$5,611,000
		REHAB			Capital	\$801,198	\$20,000,000											\$20,801,198
22	CTR 0045	6825		Total	\$3,808,198	\$21,604,000	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,412,198
	CTR 0048	3G487	SFO	Bridge Paint	Support	\$157,200		\$1,246,000	\$1,000,000	\$1,000,000	\$950,000	\$411,000	\$3,339,000					\$8,103,200
		REHAB		Part 1	Capital	\$0				\$42,000,000								\$42,000,000
		6825			Total	\$157,200	\$0	\$1,246,000	\$1,000,000	\$43,000,000	\$950,000	\$411,000	\$3,339,000	\$0	\$0	\$0	\$0	\$50,103,200
		3G470	Var.	Replace travelers and Rails PIDS***	Support	\$210,000	-\$50,185											\$159,815
	CTR 0049	REHAB			Capital	\$0												\$0
		6828			Total	\$210,000	-\$50,185	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$159,815
		3G480	Var.	Caltrans PSR Planning	Support	\$64,164												\$64,164
		REHAB		Paint Bridge Structures PID ***	Capital	\$0												\$0
25	CTR 0051	6828		Total	\$64,164	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$64,164
	CTR 0052	3G484	RSR	Bridge Paint	Support	\$5,886,000	\$2,389,000											\$8,275,000
		REHAB		(Lower Deck Only)	Capital	\$35,000,000												\$35,000,000
		6814		Part 1	Total	\$40,886,000	\$2,389,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$43,275,000
		3G486	SMH	Bridge Paint	Support	\$3,500,000	\$267,000	\$2,250,000	\$2,250,000	\$2,250,000	\$500,000	\$500,000	\$500,000	\$500,000				\$12,517,000
	CTR 0053	REHAB		Part 1 and 2	Capital	\$54,000,000					\$15,000,000							\$69,000,000
		6826			Total	\$57,500,000	\$267,000	\$2,250,000	\$2,250,000	\$2,250,000	\$15,500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$0	\$0	\$81,517,000
		3G474	RSR	Traveler Rail Upgrades and Scaffolding Ergonomics Impr	Support	\$872,000												\$872,000
		REHAB			Capital	\$0												\$0
28	CTR 0055	6814		Total	\$872,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$872,000
	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	\$0	\$1,764,424
		4G280	SFO	Toll Plaza Renovation Oversight***	Support	\$352,488												
	CTR 0057	REHAB			Capital	\$0												\$0
		6825			Total	\$352,488	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$352,488
		4G290	SFO	Toll Plaza Crash Cushion and Pump Station	Support	\$396,591												\$396,591
		REHAB		Oversight ***	Capital	\$0												\$0
31	CTR 0058	6825		Total	\$396,591	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$396,591
	CTR 0059	91206	ALL	OSM Rehab Planning	Support	\$903,000	-\$744,340											\$158,660
		REHAB			Capital	\$0												\$0
		8629			Total	\$903,000	-\$744,340	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$158,660
		91207	Var.	Caltrans Capital Coordination	Support	\$5,314,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$14,584,000
	CTR 0060	REHAB			Capital	\$0												\$0
		6828			Total	\$5,314,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$14,584,000
		93030	ALL	Toll Bridge Inspections	Support	\$17,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$45,800,000
		REHAB			Capital	\$0												\$0
34	CTR 0061	6828		Total	\$17,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$45,800,000	
	CTR 0062	93870	ALL	Base Security	Support	\$9,000,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$24,000,000
		REHAB			Capital	\$0												\$0
		6828			Total	\$9,000,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$24,000,000
		97037	ANT	Toll Plaza Rehab Projects	Support	\$0												
	CTR 0064	REHAB			Capital	\$179,979												\$179,979
		8033			Total	\$179,979	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$179,979
		97047	SFO	Toll Plaza Rehab Projects	Support	\$0												\$0
		REHAB			Capital	\$3,386												\$3,386
37	CTR 0065	8033		Total	\$3,386	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,386
	CTR 0069	97708	Var.	Caltrans ETC Traffic Operations Support	Support	\$5,450,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$12,450,000
		REHAB			Capital	\$0												\$0
		6828			Total	\$5,450,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$12,450,000
		3G462	BM	Floor Beam Mitigation Phase 1	Support	\$316,000	\$980,000	\$300,000										
	CTR 0078	REHAB		(Modification of stringer floor beams due to fatigue crack and Bearing Shear Bolts)	Capital	\$1,200,000	-\$300,000											\$900,000
		6812			Total	\$1,516,000	\$680,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,496,000
		CTR 0084	BM	Floor Beam Mitigation Phase 2	Support	\$0		\$949,000	\$1,200,000	\$500,000								\$2,649,000
		REHAB			Capital	\$0		\$7,500,000										\$7,500,000
40	CTR 0084	6812		Total	\$0	\$0	\$949,000	\$8,700,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,149,000	
	CTR 0088	3G403	CAR	Anchorage Modification, Drainage Improvements,	Support	\$1,842,000	\$1,244,000											\$3,086,000
		REHAB		Polyester Concrete Overlay (1958) and Ped	Capital	\$9,200,000												\$9,200,000
		6813		Replace Joint Seals (1958)	Total	\$11,042,000	\$1,244,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,286,000
		3G305	Var.	Replace Fog Horns, Radar Beacons and	Support	\$1,296,000	\$574,000											\$1,870,000
	CTR 0097	REHAB		Related Electrical Systems on Southern Bridges	Capital	\$4,500,000	-\$4,500,000										\$0	
		6828			Total	\$5,796,000	-\$3,926,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,870,000
		3G364	RSR	Substations Upgrade	Support	\$635,000		\$695,000	\$500,000									\$1,830,000
		REHAB			Capital	\$0		\$6,700,000										\$6,700,000
43	CTR 0107	6814		Total	\$635,000	\$0	\$7,395,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,530,000	
	CTR 0119	3G307	SFO	Fog Horns (West Spans)***	Support	\$339,821												\$339,821
		REHAB			Capital	\$0												\$0
		6825			Total	\$339,821	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$339,821
		3G444	SFO	Main Cable Wrap Investigations Phase 1	Support	\$423,000		\$253,000	\$300,000									\$976,000
	CTR 0120	REHAB			Capital	\$0		\$2,200,000										\$2,200,000
		6825			Total	\$423,000	\$0	\$2,453,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,176,000
		3G477	SFO	Traveler Replacements and Rail Upgrades	Support	\$380,000		\$117,000	\$450,000	\$300,000	\$325,000							\$1,572,000
		REHAB			Capital	\$0				\$2,800,000								\$2,800,000



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 \$-96,292										\$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 \$-40,735										\$146,672 \$183,592 \$330,265
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 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 to SCADA for remote monitoring	Support Capital Total	\$0 \$0 \$0			\$1,500,000								\$1,500,000 \$1,500,000 \$3,000,000
88	CTR 0232	TBD REHAB 6825	SFOBB	YBI Tunnel Concrete Repair	Support Capital Total	\$0 \$0 \$0	\$500,000										\$500,000 \$0 \$500,000
89	CTR 0233	TBD REHAB 6825	SFOBB	IW4 Fender Repair	Support Capital Total	\$0 \$0 \$0	\$500,000	\$618,000	\$100,000								\$718,000 \$2,200,000 \$2,918,000
90	CTR Res	CTR Res REHAB 6829	Var.	Caltrans Program Contingency	Support Capital Total	\$361,936 \$0 \$361,936	\$4,638,064										\$5,000,000 \$0 \$5,000,000
91	880/92	2G361 RM1 8615	880/92	Landscaping**	Support Capital Total	\$690,000 \$1,800,000 \$2,490,000											\$690,000 \$1,800,000 \$2,490,000
92	880/92	2G362 RM1 8615	880/92	Landscaping**	Support Capital Total	\$800,000 \$0 \$800,000											\$800,000 \$0 \$800,000
93	BM	0060A RM1 8210	BM	Modification to 1962 Bridge** ***	Support Capital Total	\$6,211 \$0 \$6,211											\$6,211 \$0 \$6,211
94	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
95	CAR	0130J RM1 8315	CAR	Site Mitigation 3**	Support Capital Total	\$150,000 \$0 \$150,000											\$150,000 \$0 \$150,000
96	CAR	0130K RM1 8315	CAR	Misc Landscaping** ***	Support Capital Total	\$4,177 \$0 \$4,177											\$4,177 \$0 \$4,177
97	880/92	01601	880/92	880/92 Interchange**	Support	\$850,000											\$850,000



Line No.	Project No.	EA	Bridge	Description													Total
		Program	CCA	Status		Thru 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	
98	SMH	RM1 8615			Capital	\$2,500,000											\$2,500,000
					Total	\$3,350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,350,000
		27790	SMH	Bay Trail Improvement**	Support Capital	\$0											\$0
99	BR 0001	RM1 8637			Capital	\$115,000											\$115,000
					Total	\$115,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115,000
		8531	BATA	Benicia ORT***	Support Capital	\$0											\$0
100	BR 0002	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
		8539	BATA	SFOBB Eyebar Review	Support Capital	\$2,914,000											\$2,914,000
101	BR 0003	REHAB			Capital	\$0											\$0
					Total	\$2,914,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,914,000
		8594	BATA	SFOBB West Span Pathway Planning	Support Capital	\$1,750,000											\$1,750,000
102	BR 0004	REHAB			Capital	\$10,550,000		\$1,000,000									\$11,550,000
					Total	\$12,300,000	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,300,000
		8909	BATA	Gateway Park	Support Capital	\$300,000	\$973,000										\$1,273,000
103	BR 0005	REHAB			Capital	\$28,840,000											\$28,840,000
					Total	\$29,140,000	\$973,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,113,000
		8913	BATA	SFOBB Administration Building***	Support Capital	\$5,000,000											\$5,000,000
104	BR 0006	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
		8918	BATA	SFOBB Maintenance Complex	Support Capital	\$0											\$0
105	BR 0008	REHAB			Capital	\$531,000		\$0	\$0								\$531,000
					Total	\$531,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$531,000
		8921	BATA	SFOBB FasTrak Lane Conversion	Support Capital	\$0											\$0
106	BR 0009	REHAB			Capital	\$3,575,000		\$0	\$0								\$3,575,000
					Total	\$3,575,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,575,000
		8922	BATA	Metering Lights Upgrade	Support Capital	\$0											\$0
107	BR 0010	REHAB			Capital	\$2,450,000	\$6,480,000										\$8,930,000
					Total	\$2,450,000	\$6,480,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,930,000
		8920	BATA	SFO Plaza and Canopy Improvements	Support Capital	\$4,000,000	-\$9,000										\$3,991,000
108	BR 0011	REHAB			Capital	\$5,272,000		\$0	\$0								\$5,272,000
					Total	\$9,272,000	-\$9,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,263,000
		8923	BATA	Bridge Documentation	Support Capital	\$0											\$0
109	BR 0013	REHAB			Capital	\$500,000		\$0	\$0								\$500,000
					Total	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
		8602	BATA	Hybrid/etc Lane Modifications	Support Capital	\$0											\$0
110	BR 0014	REHAB			Capital	\$874,000		\$0	\$0								\$874,000
					Total	\$874,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$874,000
		8907	BATA	Toll Plaza Maintenance Agreement	Support Capital	\$350,000											\$350,000
111	BR 0016	REHAB			Capital	\$14,098,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$54,098,000
					Total	\$14,448,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$54,448,000
		8631	BATA	Calboxes	Support Capital	\$0											\$0
112	BR 0017	REHAB			Capital	\$2,344,000		\$0	\$0								\$2,344,000
					Total	\$2,344,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,344,000
		8900	BATA	2003 CSC Procurement	Support Capital	\$1,679,000											\$1,679,000
113	BR 0018	REHAB			Capital	\$12,679,000		\$0	\$0								\$12,679,000
					Total	\$14,358,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,358,000
		8901	BATA	Ongoing Toll Tag Procurement	Support Capital	\$0											\$0
114	BR 0019	REHAB			Capital	\$60,231,395	\$10,700,000	\$12,100,000	\$2,900,000	\$3,300,000	\$3,700,000	\$4,200,000	\$4,700,000	\$5,300,000	\$6,000,000	\$6,700,000	\$119,831,395
					Total	\$60,231,395	\$10,700,000	\$12,100,000	\$2,900,000	\$3,300,000	\$3,700,000	\$4,200,000	\$4,700,000	\$5,300,000	\$6,000,000	\$6,700,000	\$119,831,395
		8902	BATA	2012 CSC Procurement	Support Capital	\$0											\$0
115	BR 0020	REHAB			Capital	\$17,450,000	\$2,000,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000					\$21,950,000
					Total	\$17,450,000	\$2,000,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$21,950,000
		8903	BATA	Future Lane/Host Upgrades and Replacement (ATCAS)	Support Capital	\$0											\$0
116	BR 0021	REHAB			Capital	\$33,800,000		\$1,500,000	\$3,500,000	\$3,000,000	\$30,500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$74,800,000
					Total	\$33,800,000	\$0	\$1,500,000	\$3,500,000	\$3,000,000	\$30,500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$74,800,000
		8904	BATA	FasTrak Sign and Sign Structure Improvements (Strategic)	Support Capital	\$1,000,000											\$1,000,000
117	BR 0022	REHAB			Capital	\$28,510,130		-\$44,870	\$0	\$0							\$28,510,130
					Total	\$29,510,130	-\$44,870	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,510,130
		8905	BATA	Misc Bridge Improvements	Support Capital	\$400,000											\$400,000
118	BR 0023	REHAB			Capital	\$9,096,000	\$4,471,000										\$13,567,000
					Total	\$9,496,000	\$4,471,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,967,000
		8908	BATA	BATA Technology Infrastructure (HW, SW, NETWORK)	Support Capital	\$0											\$0
119	BR 0025	REHAB			Capital	\$4,035,000											\$4,035,000
					Total	\$4,035,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,035,000
		8912	BATA	Tag Inventory Conversion (Upgrade Technology)	Support Capital	\$200,000											\$200,000
120	BR 0026	REHAB			Capital	\$1,936,500											\$1,936,500
					Total	\$2,136,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,136,500
		8914	BATA	Violation Enforcement System	Support Capital	\$0											\$0
121	BR 0027	REHAB			Capital	\$7,842,000											\$7,842,000
					Total	\$7,842,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,842,000
		8916	BATA	Bay Crossing Study	Support Capital	\$540,000											\$540,000
122	BR 0028	REHAB			Capital	\$0											\$0
					Total	\$540,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$540,000
		8917	BATA	BATA Technology Security Review and Implementation	Support Capital	\$0											\$0
			Capital	\$750,000												\$750,000	

Line No.	Project No.	EA	Bridge	Description													Total	
		Program	CCA	Status		Thru 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026		
					Total	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000
123	BR 0029	8926 REHAB	BATA	Bridge Modeling and Investigations	Support	\$2,000,000												\$2,000,000
					Capital	\$3,000,000												\$3,000,000
					Total	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000,000
124	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	\$500,000	\$1,500,000	\$1,000,000	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$50,044,709	
125	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	\$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	\$12,800,000	
126	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
127	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
128	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	\$70,588,000
129	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
130	BR 0038	BR 0038 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
131	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
132	BR 0040	8012 REHAB	BATA	All Electronic Tolling Study	Support	\$0											\$0	
					Capital	\$450,000				\$5,000,000								\$5,450,000
					Total	\$450,000	\$0	\$0	\$0	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,450,000
133	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
134	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
135	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
136	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
137	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
138	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	\$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
139	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	\$23,729,090	\$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	\$304,884,965
Summary	Capital	\$816,034,442	\$88,021,852	\$38,264,000	\$35,060,000	\$66,160,000	\$54,960,000	\$12,460,000	\$41,960,000	\$12,560,000	\$13,260,000	\$12,960,000	\$1,191,700,293
	Total	\$1,005,094,316	\$111,750,942	\$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	\$1,496,585,259
Caltrans Rehabilitation Program	Support	\$167,476,874	\$22,165,090	\$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	\$281,443,965
Summary	Capital	\$391,290,026	\$16,865,722	\$12,000,000	\$11,000,000	\$48,700,000	\$15,000,000	\$2,000,000	\$32,000,000	\$2,000,000	\$2,000,000	\$1,000,000	\$533,855,748
	Total	\$558,766,900	\$39,030,812	\$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	\$815,299,713
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	\$71,156,130	\$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	\$657,844,546
	Total	\$446,327,416	\$72,720,130	\$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	\$681,285,546

\*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 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
<b>TOTAL</b>			<b>\$1,515,000,000</b>

\* 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*	\$ 6,477,500,000	\$ 25,700,000	\$ 6,503,200,000
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
<b>Subtotal for Bay Area Bridges</b>	<b>\$ 8,693,364,000</b>	<b>\$ 25,700,000</b>	<b>\$ 8,719,064,000</b>
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
<b>Program Indirects</b>	<b>\$ 30,000,000</b>		<b>\$ 30,000,000</b>
<b>Subtotal for All Bridges</b>	<b>\$ 8,885,394,000</b>		<b>\$ 8,911,094,000</b>
<b>Program Contingency</b>	<b>\$ 66,606,000</b>	<b>\$ (25,700,000)</b>	<b>\$ 40,906,000</b>
<b>Total for Toll Bridge Seismic Retrofit Program</b>	<b>\$ 8,952,000,000</b>		<b>\$ 8,952,000,000</b>

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



BATA Resolution No. 118

Date: June 22, 2016

W.I.: 1256

Referred by: BATA Oversight Committee

Revised: 10/26/16-BATA

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

Contracts	COS Budget Total \$
San Francisco-Oakland Bay Bridge East Span Replacement	\$ 23,000,000
<b>Total for Toll Bridge Seismic Retrofit Program</b>	<b>\$ 23,000,000</b>

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. 118  
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
<b>TOTAL</b>			<b>\$570,000</b>

BATA Resolution No. 118  
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<br>(2 years @ \$60 million) | \$ 120 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.

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