



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

Meeting Agenda

Bay Area Toll Authority

Dave Cortese, Chair Jake Mackenzie, Vice Chair

Wednesday, October 26, 2016

10:15 AM

Board Room – 1st Floor

This meeting is scheduled to be webcast live on the Metropolitan Transportation Commission's website: <http://mtc.ca.gov/whats-happening/meetings> and will take place at 10:15 a.m. or immediately following the 8:30 a.m. MTC Awards.

1. Roll Call / Confirm Quorum
2. Pledge of Allegiance
3. Compensation Announcement - Secretary
4. Chair's Report - Cortese
5. Consent Calendar

5a. **15-1970** Minutes - September 28, 2016.

Action: Authority Approval

Attachments: 5a_Miutes - BATA 9.28.16

Committee Report

6. BATA Oversight Committee - Worth

6a. [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

Attachments: [6a_Reso-118_TBSRP_Update](#)

[4a_Reso-118_TBSRP_Update](#)

7. [15-2040](#) Follow-up to Financing Options Presentation of September 28, 2016.

Action: Information

Attachments: [BATA 2016 Board Presentation 2016-10-26 final pptx](#)

8. Other Business / Public Comment

9. Adjournment / Next Meeting

The next meeting of the Authority will be held on November 16, 2016 at 1:30 p.m. in the Board Room, Bay Area Metro Center, 375 Beale Street, San Francisco, CA 94105.

Public Comment: The public is encouraged to comment on agenda items at Authority meetings by completing a request-to-speak card (available from staff) and passing it to the Authority secretary. Public comment may be limited by any of the procedures set forth in Section 3.09 of MTC's Procedures Manual (Resolution No. 1058, Revised) if, in the chair's judgment, it is necessary to maintain the orderly flow of business.

Meeting Conduct: If this meeting is willfully interrupted or disrupted by one or more persons rendering orderly conduct of the meeting unfeasible, the Chair may order the removal of individuals who are willfully disrupting the meeting. Such individuals may be arrested. If order cannot be restored by such removal, the members of the Authority may direct that the meeting room be cleared (except for representatives of the press or other news media not participating in the disturbance), and the session may continue.

Record of Meeting: Authority meetings are recorded. Copies of recordings are available at a nominal charge, or recordings may be listened to at MTC offices by appointment. Audiocasts are maintained on MTC's Web site (mtc.ca.gov) for public review for at least one year.

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

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

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

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

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



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

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: [6a Reso-118 TBSRP Update](#)
[4a Reso-118 TBSRP Update](#)

Date	Ver.	Action By	Action	Result
10/12/2016	1	Bay Area Toll Authority Oversight Committee		

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

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.



Steve Heminger

SH:pl

J:\COMMITTEE\BATA Oversight\2016\10_Oct'2016_BATA O\5a_Reso-118_TBSP 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



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
Total Operating Revenue	\$787,800,822	\$809,588,891	2.8%	\$21,788,069
Total Operating Expense	\$682,528,268	\$682,705,175	0.0%	\$176,907
Operating Surplus	\$105,272,554	\$126,883,716	20.5%	\$21,611,162
Transfer to Reserves	\$105,272,554	\$126,883,716		
Total Operating Surplus (Shortfall)	\$0	\$0		\$0

REVENUE DETAIL BUDGET FY 2016-17

	REVISED BUDGET FY 2015-16	DRAFT BUDGET FY 2016-17	Change % Inc./(Dec)	Change \$ Inc./(Dec)
General Toll Revenue (subtotal)	\$687,310,277	\$709,352,538	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
Violation Revenue (subtotal)	\$10,000,000	\$10,000,000	0.0%	\$0
Other Revenue (Violations)	\$10,000,000	\$10,000,000	0.0%	\$0
Interest Revenue (subtotal)	\$11,400,000	\$10,400,000	-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)
Reimbursement Revenue (subtotal)	\$8,118,000	\$8,481,000	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
VTA 237 Express Lane Reimbursement	135,000	135,000	0.0%	0
SFO Airport Reimbursement	463,000	463,000	0.0%	0
Rebate for Build America Bonds (subtotal)	\$70,972,545	\$71,355,353	0.5%	\$382,808
Rebate for Build America Bonds	\$70,972,545	\$71,355,353	0.5%	\$382,808
Total Current Year Revenue	\$787,800,822	\$809,588,891	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)
Operating Expense				
Caltrans Operations and Maintenance (Subtotal)	\$30,921,000	\$31,421,000	1.6%	\$500,000
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
Fastrak Operations and Maintenance (Subtotal)	\$43,931,468	\$44,685,306	1.7%	\$753,838
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
Toll Bridge Operations and Maintenance Total	\$74,852,468	\$76,106,306	1.7%	\$1,253,838
Toll Bridge Administration (Subtotal)	\$27,103,976	\$19,270,857	-28.9%	(\$7,833,119)
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
Consultant Contract/Other (Subtotal)	\$2,250,000	\$2,365,000	5.1%	\$115,000
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
Transfers to MTC (Subtotal)	\$18,431,124	\$18,352,943	-0.4%	(\$78,181)
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
Debt Service	\$511,140,700	\$516,410,069	1.0%	\$5,269,369
RM2 Transit Operating	\$43,800,000	\$45,000,000	2.7%	\$1,200,000
Furniture/Equipment	\$50,000	\$50,000	0.0%	\$0
Provision for Depreciation/Amortization	\$4,900,000	\$5,150,000	5.1%	\$250,000
Total Operating Expense	\$682,528,268	\$682,705,175	0.0%	\$176,907



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

Attachment B
Bay Area Toll Authority

Other Capital Projects

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

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



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

BATA Resolution No. 118
 Date: June 22, 2016
 W.L: 1251
 Referred by: BATA Oversight Committee

		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
*Caltrans Capital includes capital outlay construction and right-of-way. **Previous expenses covered in RM1 Program.	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.

*** 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		Var.	Completed/Closed Rehab Projects	Support	\$38,665,694											\$38,665,694
		REHAB 8030			Capital	\$78,636,635											\$78,636,635
					Total	\$117,302,329	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$117,302,329
2	CTR 0001	00297	SFO	Construct New Toll Operations Building	Support	\$7,542,800	\$83,000										\$7,625,800
		REHAB 6825			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	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	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$11,741,788	\$36,213	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,782,000
6	CTR 0010	0120T	SFO	W4 Substation Upgrade, Foghorn Replacement, BASE	Support	\$2,292,500	\$2,042,500										\$4,335,000
		REHAB 6825			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	SFO	Replace Substation Equipment on WS***	Support	\$957,644											\$957,644
		REHAB 6825			Capital	\$869,782											\$869,782
					Total	\$1,827,425	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,827,425
8	CTR 0013	04100	SMH	Resurface Orthotropic Deck	Support	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$72,662
10	CTR 0015	04224	SMH	Replace Elec Cable Hangers & Upgrade 12kv System***	Support	\$2,869,539											\$2,869,539
		REHAB 6826			Capital	\$2,777,316											\$2,777,316
					Total	\$5,646,855	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,646,855
11	CTR 0016	04225	DUM	Expansion Joint Rehabilitation	Support	\$2,091,531											\$2,091,531
		REHAB 6827			Capital	\$2,700,672											\$2,700,672
					Total	\$4,792,203	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,792,203
12	CTR 0145	0120S	SFO	SFOBB East Span YBITS 1	Support	\$1,640,000											\$1,640,000
		REHAB 6825		YBI Resurfacing/BASE	Capital	\$22,150,000											\$22,150,000
				Replace Lighting w/ HPS Lighting System	Total	\$23,790,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,790,000
13	CTR 0018	04907	CAR	Replace Pier 3 Fender Structure Support and Timber Fenders at Piers 2, 3, 4***	Support	\$4,811,400											\$4,811,400
		REHAB 6813			Capital	\$17,652,449											\$17,652,449
					Total	\$22,463,849	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,463,849
14	CTR 0027	1G250	SFO	Replace Lighting w/ HPS Lighting System (WB)***	Support	\$714,010											\$714,010
		REHAB 6825			Capital	\$0											\$0
					Total	\$714,010	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$714,010
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	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,639,194
18	CTR 0147	2F000	SMH	Replace Damaged Transformer and Substation***	Support	\$53,276											\$53,276
		REHAB 6826			Capital	\$204,900											\$204,900
					Total	\$258,176	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$258,176
19	CTR 0035	2G420	ALL	ATCAS II Oversight***	Support	\$202,495											\$202,495
		REHAB 6828			Capital	\$0											\$0
					Total	\$202,495	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$202,495
20	CTR 0036	2G670	SMH	Cracked Girder Repairs***	Support	\$2,756,322											\$2,756,322
		REHAB 6826			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 Status		Thru 2016												Total
		Program	CCA			2017	2018	2019	2020	2021	2022	2023	2024	2025	2026			
22	CTR 0045	REHAB	SFO	Replace Seismic Dampeners (WS)	Capital	\$0											\$0	
		6828			Total	\$67,738	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$67,738	
		3G442			Support	\$3,007,000	\$1,604,000	\$1,000,000								\$5,611,000		
		REHAB			Capital	\$801,198	\$20,000,000									\$20,801,198		
23	CTR 0048	REHAB	SFO	Bridge Paint Part 1	Total	\$3,808,198	\$21,604,000	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,412,198	
		3G487			Support	\$157,200	\$1,246,000	\$1,000,000	\$1,000,000	\$950,000	\$411,000	\$3,339,000			\$8,103,200			
		REHAB			Capital	\$0	\$0	\$42,000,000							\$42,000,000			
		6825			Total	\$157,200	\$0	\$1,246,000	\$1,000,000	\$950,000	\$411,000	\$3,339,000	\$0	\$0	\$0	\$50,103,200		
24	CTR 0049	3G470	Var.	Replace travelers and Rails PIDS***	Support	\$210,000	-\$50,185										\$159,815	
		REHAB			Capital	\$0										\$0		
		6828			Total	\$210,000	-\$50,185	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$159,815	
		3G480			Support	\$64,164										\$64,164		
25	CTR 0051	REHAB	Var.	Caltrans PSR Planning Paint Bridge Structures PID ***	Capital	\$0										\$0		
		6828			Total	\$64,164	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$64,164	
		3G484			Support	\$5,886,000	\$2,389,000									\$8,275,000		
		REHAB			Capital	\$35,000,000										\$35,000,000		
27	CTR 0053	3G486	SMH	Bridge Paint Part 1 and 2	Total	\$40,886,000	\$2,389,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$43,275,000	
		3G486			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		
		REHAB			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	\$0	\$0	\$81,517,000	
28	CTR 0055	3G474	RSR	Traveler Rail Upgrades and Scaffolding Ergonomics Impr	Support	\$872,000											\$872,000	
		REHAB			Capital	\$0										\$0		
		6814			Total	\$872,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$872,000	
		4A860			Support	\$335,109										\$335,109		
29	CTR 0056	REHAB	SFO	Repair Timber Fender at W5	Capital	\$1,429,316											\$1,429,316	
		6825			Total	\$1,764,424	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,764,424	
		4G280			Support	\$352,488										\$352,488		
		REHAB			Capital	\$0										\$0		
31	CTR 0058	4G290	SFO	Toll Plaza Crash Cushion and Pump Station Oversight ***	Support	\$396,591											\$396,591	
		REHAB			Capital	\$0										\$0		
		6825			Total	\$396,591	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$396,591	
		91206			Support	\$903,000	-\$744,340									\$158,660		
32	CTR 0059	REHAB	ALL	OSM Rehab Planning	Capital	\$0										\$0		
		8629			Total	\$903,000	-\$744,340	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$158,660	
		91207			Support	\$5,314,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$14,584,000		
		REHAB			Capital	\$0										\$0		
34	CTR 0061	93030	ALL	Toll Bridge Inspections	Total	\$5,314,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$14,584,000		
		93030			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	\$45,800,000	
		REHAB			Capital	\$0										\$0		
		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	\$45,800,000	
35	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	\$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	\$24,000,000	
		97037			Support	\$0										\$0		
36	CTR 0064	REHAB	ANT	Toll Plaza Rehab Projects	Capital	\$179,979											\$179,979	
		8033			Total	\$179,979	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$179,979	
		97047			Support	\$0										\$0		
		REHAB			Capital	\$3,386										\$3,386		
38	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	\$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	\$12,450,000	
		3G462			Support	\$316,000	\$980,000	\$300,000								\$1,596,000		
39	CTR 0078	REHAB	BM	Floor Beam Mitigation Phase 1 (Modification of stringer floor beams due to fatigue cracks 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	\$2,496,000		
		CTR 0084			Support	\$0	\$949,000	\$1,200,000	\$500,000						\$2,649,000			
		REHAB			Capital	\$0	\$0	\$7,500,000						\$7,500,000				
41	CTR 0088	3G403	CAR	Anchorage Modification, Drainage Improvements, Polyester Concrete Overlay (1958) and Ped Replace Joint Seals (1958)	Support	\$1,842,000	\$1,244,000									\$3,086,000		
		REHAB			Capital	\$9,200,000									\$9,200,000			
		6813			Total	\$11,042,000	\$1,244,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,286,000		
		3G305			Support	\$1,296,000	\$574,000									\$1,870,000		
42	CTR 0097	REHAB	Var.	Replace Fog Horns, Radar Beacons and 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	\$1,870,000		
		3G364			Support	\$635,000	\$695,000	\$500,000							\$1,830,000			
		REHAB			Capital	\$0	\$6,700,000							\$6,700,000				
43	CTR 0107	REHAB	RSR	Substations Upgrade	Total	\$635,000	\$0	\$7,395,000	\$500,000	\$30	\$0	\$0	\$0	\$0	\$0	\$8,530,000		
		6814			Support	\$339,821									\$339,821			
		REHAB			Capital	\$0								\$0				
		6825			Total	\$339,821	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$339,821		
45	CTR 0120	3G444	SFO	Main Cable Wrap Investigations Phase 1	Support	\$423,000		\$253,000	\$300,000							\$976,000		
		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	\$3,176,000		
		3G477			Support	\$380,000		\$117,000	\$450,000	\$300,000	\$325,000				\$1,572,000			
46	CTR 0121	REHAB	SFO	Traveler Replacements and Rail Upgrades	Capital	\$0										\$2,800,000		
		6825			Total	\$380,000	\$0	\$117,000	\$450,000	\$300,000	\$325,000				\$1,572,000			
		3G477			Support	\$380,000	\$0	\$117,000	\$450,000	\$300,000	\$325,000				\$1,572,000			
		REHAB			Capital	\$0									\$2,800,000			

Line No.	Project No.	EA	Bridge	Description		Thru 2016													Total
		Program	CCA	Status		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026			
47	CTR 0126	6825			Total	\$380,000	\$0	\$117,000	\$450,000	\$3,100,000	\$325,000	\$0	\$0	\$0	\$0	\$0	\$0	\$4,372,000	
		3G448	SFO	W2 to W7 Concrete Column Repair and Seal	Support	\$0		\$309,000	\$300,000	\$300,000								\$909,000	
		REHAB			Capital	\$0			\$2,000,000									\$2,000,000	
		6825			Total	\$0	\$0	\$309,000	\$2,300,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,909,000	
48	CTR 0128	CTR 0128	SFO	Main Cable Wrap Investigations Phase 2	Support	\$0					\$2,000,000	\$6,000,000	\$2,000,000				\$10,000,000		
		REHAB			Capital	\$0					\$0	\$30,000,000					\$30,000,000		
		6825			Total	\$0	\$0	\$309,000	\$2,300,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,909,000	
		6825			Total	\$0	\$0	\$309,000	\$2,300,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,909,000	
49	CTR 0129	3G457	SFO	SFOBB - Replace Joint Seals (Upper & Lower Deck);	Support	\$1,294,000	\$1,441,000										\$2,735,000		
		REHAB		RSR - Replace Joint Seals (Upper Deck)	Capital	\$5,808,000											\$5,808,000		
		6825		and Resurfacing	Total	\$7,102,000	\$1,441,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,543,000	
		6825			Total	\$1,910,000												\$1,910,000	
50	CTR 0134	4H970	SFO	Gateway Park Oversight	Support	\$1,910,000											\$1,910,000		
		REHAB		and Link (4H971) PAED	Capital	\$0											\$0		
		6825			Total	\$1,910,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,910,000	
		6825			Total	\$1,910,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$41,464,000	
		6825			Total	\$0												\$0	
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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,900,000	
		6825			Total	\$15,900,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,682,000	
		6825			Total	\$4,473,000	\$209,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,288,000	
		6825			Total	\$8,288,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,800,000	
		6825			Total	\$1,800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,800,000	
56	CTR 0154	3G440	SFO	Various Structural PIDS**	Support	\$210,000	-\$50,100										\$159,900		
		REHAB			Capital	\$0												\$0	
		6825			Total	\$210,000	-\$50,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$159,900	
		6825			Total	\$210,000	-\$50,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$57,611	
		6828			Total	\$120,000	-\$62,389	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$99,415	
		6828			Total	\$120,000	-\$20,585	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$134,556	
		6828			Total	\$134,556	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$134,556	
60	CTR 0158	0120F	SFOBB	East Span Base	Support	\$0											\$0		
		REHAB			Capital	\$1,965,000												\$1,965,000	
		6825			Total	\$1,965,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,965,000	
		6825			Total	\$1,965,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,088,000	
		6825			Total	\$9,956,000	\$132,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$274,597	
		6825			Total	\$274,597	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,011,640	
		6825			Total	\$1,011,640	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,011,640	
64	CTR 0182	3G478	Var	PID - Water Line System	Support	\$244,000											\$244,000		
		REHAB		Air Compressor, Airlines	Capital	\$0												\$0	
		6828			Total	\$244,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$244,000	
		6828			Total	\$244,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$338,600	
		6814			Total	\$338,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$337,000	
		6825			Total	\$337,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$337,000	
67	CTR 0203	3G360	Var.	Replace Various Navigational and Utility Equipment	Support	\$127,650											\$127,650		
		REHAB		Supplemental PID***	Capital	\$0												\$0	
		6828			Total	\$127,650	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$127,650	
		6828			Total	\$127,650	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$127,650	
68	CTR 0204	3G301	Var.	Replace Fog Horns, Radar Beacons and	Support	\$1,040,000		\$431,000	\$800,000	\$700,000	\$300,000						\$3,271,000		
		REHAB		Related Electrical Systems on Northern Bridges	Capital	\$0		\$2,100,000		\$3,900,000								\$6,000,000	
		6828			Total	\$1,040,000	\$0	\$2,531,000	\$800,000	\$4,600,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$9,271,000	
		6828			Total	\$1,040,000	\$0	\$2,531,000	\$800,000	\$4,600,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$9,271,000	
69	CTR 0206	2J680	RSR	RSR Access - PPUL Oversight	Support	\$727,000	\$1,631,000										\$2,358,000		
		REHAB			Capital	\$0												\$0	
		6814			Total	\$727,000	\$1,631,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,358,000	
		6814			Total	\$727,000	\$1,631,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,358,000	
70	CTR 0212	3G368	Var	Substation and Power Cable	Support	\$200,000											\$200,000		
		REHAB			Capital	\$0												\$0	
		6828			Total	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0							

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 \$10,000,000
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 \$500,000 \$500,000
89	CTR 0233	TBD REHAB 6825	SFOBB	IW4 Fender Repair	Support Capital Total	\$0 \$0 \$0	\$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	\$0											\$0
		RM1 8637			Capital	\$115,000											\$115,000
99	BR 0001	8531	BATA	Benicia ORT***	Total	\$115,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115,000
		REHAB			Support	\$0										\$0	
					Capital	\$4,153,000										\$4,153,000	
					Total	\$4,153,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,153,000
100	BR 0002	8539	BATA	SFOBB Eyebar Review	Support	\$2,914,000											\$2,914,000
		REHAB			Capital	\$0										\$0	
					Total	\$2,914,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,914,000
					Capital	\$1,750,000										\$1,750,000	
101	BR 0003	8594	BATA	SFOBB West Span Pathway Planning	Total	\$10,550,000	\$1,000,000										\$11,550,000
		REHAB			Support	\$12,300,000	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,300,000
					Capital	\$300,000	\$973,000									\$1,273,000	
					Total	\$28,840,000	\$973,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,840,000
102	BR 0004	8909	BATA	Gateway Park	Support	\$29,140,000	\$973,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,113,000
		REHAB			Capital	\$5,000,000										\$5,000,000	
					Total	\$20,619,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,619,200
					Capital	\$25,619,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$531,000
					Capital	\$0										\$0	
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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,575,000
					Capital	\$2,450,000	\$6,480,000									\$8,930,000	
106	BR 0009	8922	BATA	Metering Lights Upgrade	Total	\$2,450,000	\$6,480,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,930,000
		REHAB			Support	\$0										\$0	
					Capital	\$4,000,000	-\$9,000									\$3,991,000	
					Total	\$5,272,000	-\$9,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,263,000
108	BR 0011	8923	BATA	Bridge Documentation	Support	\$0											\$0
		REHAB			Capital	\$500,000										\$500,000	
					Total	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
					Capital	\$0										\$0	
109	BR 0013	8602	BATA	Hybrid/ETC Lane Modifications	Support	\$0											\$0
		REHAB			Capital	\$874,000										\$874,000	
					Total	\$874,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$874,000
					Capital	\$350,000										\$350,000	
110	BR 0014	8907	BATA	Toll Plaza Maintenance Agreement	Total	\$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
		REHAB			Support	\$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
					Capital	\$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
					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
111	BR 0016	8631	BATA	Callboxes	Support	\$0											\$0
		REHAB			Capital	\$2,344,000										\$2,344,000	
					Total	\$2,344,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,344,000
					Capital	\$1,679,000										\$1,679,000	
112	BR 0017	8900	BATA	2003 CSC Procurement	Total	\$12,679,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,679,000
		REHAB			Support	\$14,358,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,358,000
					Capital	\$0										\$0	
					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
113	BR 0018	8901	BATA	Ongoing Toll Tag Procurement	Support	\$0											\$0
		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
					Capital	\$17,450,000	\$2,000,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$21,950,000
114	BR 0019	8902	BATA	2012 CSC Procurement	Support	\$0											\$0
		REHAB			Capital	\$17,450,000	\$2,000,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$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
					Capital	\$33,800,000											\$33,800,000
115	BR 0020	8903	BATA	Future Lane/Host Upgrades and Replacement (ATCAS)	Support	\$0											\$0
		REHAB			Capital	\$33,800,000											\$33,800,000
					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
					Capital	\$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
116	BR 0021	8904	BATA	FasTrak Sign and Sign Structure Improvements (Strategic)	Support	\$1,000,000											\$1,000,000
		REHAB			Capital	\$28,510,130											\$28,510,130
					Total	\$29,510,130	-\$44,870	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,510,130
					Capital	\$400,000											\$400,000
117	BR 0022	8905	BATA	Misc Bridge Improvements	Total	\$9,096,000	\$4,471,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,567,000
		REHAB			Support	\$9,496,000	\$4,471,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,967,000
					Capital	\$0										\$0	
					Total	\$9,496,000	\$4,471,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,967,000
118	BR 0023	8908	BATA	BATA Technology Infrastructure (HW, SW, NETWORK)	Support	\$0											\$0
		REHAB			Capital	\$4,035,000										\$4,035,000	
					Total	\$4,035,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,035,000
					Capital	\$200,000										\$200,000	
119	BR 0025	8912	BATA	Tag Inventory Conversion (Upgrade Technology)	Total	\$1,936,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,136,500
		REHAB			Support	\$2,136,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,136,500
					Capital	\$0										\$0	
					Total	\$2,136,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,136,500
120	BR 0026	8914	BATA	Violation Enforcement System	Support	\$0											\$0
		REHAB			Capital	\$7,842,000										\$7,842,000	
					Total	\$7,842,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,842,000
					Capital	\$0										\$0	
121	BR 0027	8916	BATA	Bay Crossing Study	Total	\$540,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$540,000
		REHAB			Support	\$0										\$0	
					Capital	\$0										\$0	
					Total	\$540,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$540,000
122	BR 0028	8917	BATA	BATA Technology Security Review and Implementation	Support	\$0											\$0
		REHAB			Capital	\$750,000										\$750,000	
					Total	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000
					Capital	\$0										\$0	

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	\$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
TOTAL			\$1,515,000,000

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



BATA Resolution No. 118
 Date: June 22, 2016
 W.I.: 1256
 Referred by: BATA Oversight Committee
 Revised: 10/26/16-BATA

**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
Subtotal for Bay Area Bridges	\$ 8,693,364,000	\$ 25,700,000	\$ 8,719,064,000
Vincent Thomas Bridge Retrofit (<i>non-BATA, for information only</i>)	\$ 58,510,000		\$ 58,510,000
San Diego-Coronado Bridge Retrofit (<i>non-BATA, for information only</i>)	\$ 103,520,000		\$ 103,520,000
Program Indirects	\$ 30,000,000		\$ 30,000,000
Subtotal for All Bridges	\$ 8,885,394,000		\$ 8,911,094,000
Program Contingency	\$ 66,606,000	\$ (25,700,000)	\$ 40,906,000
Total for Toll Bridge Seismic Retrofit Program	\$ 8,952,000,000		\$ 8,952,000,000

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



BATA Resolution No. 118

Date: June 22, 2016

W.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

Total for Toll Bridge Seismic Retrofit Program	\$ 23,000,000
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Notes:

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



BATA Resolution No. 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
TOTAL			\$570,000

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

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

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



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. 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.



Steve Heminger

SH:pl

J:\COMMITTEE\BATA Oversight\2016\10_Oct'2016_BATA O\5a_Reso-118_TBSP 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



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
Total Operating Revenue	\$787,800,822	\$809,588,891	2.8%	\$21,788,069
Total Operating Expense	\$682,528,268	\$682,705,175	0.0%	\$176,907
Operating Surplus	\$105,272,554	\$126,883,716	20.5%	\$21,611,162
Transfer to Reserves	\$105,272,554	\$126,883,716		
Total Operating Surplus (Shortfall)	\$0	\$0		\$0

REVENUE DETAIL **BUDGET FY 2016-17**

	REVISED BUDGET FY 2015-16	DRAFT BUDGET FY 2016-17	Change % Inc./(Dec)	Change \$ Inc./(Dec)
General Toll Revenue (subtotal)	\$687,310,277	\$709,352,538	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
Violation Revenue (subtotal)	\$10,000,000	\$10,000,000	0.0%	\$0
Other Revenue (Violations)	\$10,000,000	\$10,000,000	0.0%	\$0
Interest Revenue (subtotal)	\$11,400,000	\$10,400,000	-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)
Reimbursement Revenue (subtotal)	\$8,118,000	\$8,481,000	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
Rebate for Build America Bonds (subtotal)	\$70,972,545	\$71,355,353	0.5%	\$382,808
Rebate for Build America Bonds	\$70,972,545	\$71,355,353	0.5%	\$382,808
Total Current Year Revenue	\$787,800,822	\$809,588,891	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)
Operating Expense				
Caltrans Operations and Maintenance (Subtotal)	\$30,921,000	\$31,421,000	1.6%	\$500,000
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
Fastrak Operations and Maintenance (Subtotal)	\$43,931,468	\$44,685,306	1.7%	\$753,838
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
Toll Bridge Operations and Maintenance Total	\$74,852,468	\$76,106,306	1.7%	\$1,253,838
Toll Bridge Administration (Subtotal)	\$27,103,976	\$19,270,857	-28.9%	(\$7,833,119)
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
Consultant Contract/Other (Subtotal)	\$2,250,000	\$2,365,000	5.1%	\$115,000
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
Transfers to MTC (Subtotal)	\$18,431,124	\$18,352,943	-0.4%	(\$78,181)
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
Debt Service	\$511,140,700	\$516,410,069	1.0%	\$5,269,369
RM2 Transit Operating	\$43,800,000	\$45,000,000	2.7%	\$1,200,000
Furniture/Equipment	\$50,000	\$50,000	0.0%	\$0
Provision for Depreciation/Amortization	\$4,900,000	\$5,150,000	5.1%	\$250,000
Total Operating Expense	\$682,528,268	\$682,705,175	0.0%	\$176,907



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

Attachment B
Bay Area Toll Authority

Other Capital Projects

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

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



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

BATA Resolution No. 118
 Date: June 22, 2016
 W.L: 1251
 Referred by: BATA Oversight Committee

		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
*Caltrans Capital includes capital outlay construction and right-of-way. **Previous expenses covered in RM1 Program.				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.
 *** 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 Status		Thru 2016												Total
		Program	CCA			2017	2018	2019	2020	2021	2022	2023	2024	2025	2026			
22	CTR 0045	REHAB 6828	SFO	Replace Seismic Dampeners (WS)	Capital	\$0											\$0	
		Total			\$67,738	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$67,738		
		3G442			Support	\$3,007,000	\$1,604,000	\$1,000,000								\$5,611,000		
		REHAB 6825			Capital	\$801,198	\$20,000,000									\$20,801,198		
23	CTR 0048	3G487 REHAB 6825	SFO	Bridge Paint Part 1	Support	\$157,200										\$0		
		Capital			\$0										\$0			
		Total			\$157,200	\$0	\$1,246,000	\$1,000,000	\$42,000,000	\$950,000	\$411,000	\$3,339,000	\$0	\$0	\$0	\$42,000,000		
		REHAB 6825			Capital	\$0	\$0	\$1,246,000	\$1,000,000	\$43,000,000	\$950,000	\$411,000	\$3,339,000	\$0	\$0	\$0	\$50,103,200	
24	CTR 0049	3G470 REHAB 6828	Var.	Replace travelers and Rails PIDs***	Support	\$210,000	-\$50,185									\$0		
		Capital			\$0											\$0		
		Total			\$210,000	-\$50,185	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$159,815	
		3G480			Support	\$64,164											\$64,164	
25	CTR 0051	REHAB 6828	Var.	Caltrans PSR Planning Paint Bridge Structures PID ***	Capital	\$0										\$0		
		Total			\$64,164	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$64,164		
		3G484			Support	\$5,886,000	\$2,389,000										\$8,275,000	
		REHAB 6814			Capital	\$35,000,000											\$35,000,000	
27	CTR 0053	3G486 REHAB 6826	SMH	Bridge Paint Part 1 and 2	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	
		Capital			\$54,000,000					\$15,000,000	\$500,000	\$500,000	\$500,000	\$500,000			\$69,000,000	
		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 REHAB 6814			RSR	Traveler Rail Upgrades and Scaffolding Ergonomics Impr	Support	\$872,000										
Capital	\$0													\$0				
Total	\$872,000	\$0	\$0	\$0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$872,000				
4A860 REHAB 6825	SFO	Repair Timber Fender at W5	Support	\$335,109													\$335,109	
Capital			\$1,429,316											\$1,429,316				
Total			\$1,764,424	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,764,424				
4G280 REHAB 6825			SFO	Toll Plaza Renovation Oversight***	Support	\$352,488											\$352,488	
Capital	\$0													\$0				
Total	\$352,488	\$0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$352,488				
4G290 REHAB 6825	SFO	Toll Plaza Crash Cushion and Pump Station Oversight ***			Support	\$396,591											\$396,591	
Capital			\$0											\$0				
Total			\$396,591	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$396,591				
91206 REHAB 8629			ALL	OSM Rehab Planning	Support	\$903,000	-\$744,340										\$158,660	
Capital	\$0													\$0				
Total	\$903,000	-\$744,340			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$158,660				
91207 REHAB 6828	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	\$14,584,000	
Capital			\$0											\$0				
Total			\$5,314,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$14,584,000				
93030 REHAB 6828			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	\$45,800,000	
Capital	\$0													\$0				
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	\$45,800,000				
93870 REHAB 6828	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	\$24,000,000	
Capital			\$0											\$0				
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	\$24,000,000				
97037 REHAB 8033			ANT	Toll Plaza Rehab Projects	Support	\$0											\$0	
Capital	\$179,979													\$179,979				
Total	\$179,979	\$0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$179,979				
97047 REHAB 8033	SFO	Toll Plaza Rehab Projects			Support	\$0											\$0	
Capital			\$3,386											\$3,386				
Total			\$3,386	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,386				
97708 REHAB 6828			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	\$12,450,000	
Capital	\$0													\$0				
Total	\$5,450,000	\$700,000			\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$12,450,000				
3G462 REHAB 6812	BM	Floor Beam Mitigation Phase 1 (Modification of stringer floor beams due to fatigue cracks and Bearing Shear Bolts)			Support	\$316,000	\$980,000	\$300,000									\$1,596,000	
Capital			\$1,200,000	-\$300,000										\$900,000				
Total			\$1,516,000	\$680,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,496,000				
CTR 0084 REHAB 6812			BM	Floor Beam Mitigation Phase 2	Support	\$0		\$949,000	\$1,200,000	\$500,000							\$2,649,000	
Capital	\$0				\$7,500,000									\$7,500,000				
Total	\$0	\$0			\$949,000	\$8,700,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$10,149,000				
3G403 REHAB 6813	CAR	Anchorage Modification, Drainage Improvements, Polyester Concrete Overlay (1958) and Ped Replace Joint Seals (1958)			Support	\$1,842,000	\$1,244,000										\$3,086,000	
Capital			\$9,200,000											\$9,200,000				
Total			\$11,042,000	\$1,244,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,286,000				
3G305 REHAB 6828			Var.	Replace Fog Horns, Radar Beacons and Related Electrical Systems on Southern Bridges	Support	\$1,296,000	\$574,000										\$1,870,000	
Capital	\$4,500,000	-\$4,500,000												\$0				
Total	\$5,796,000	-\$3,926,000			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,870,000				
3G364 REHAB 6814	RSR	Substations Upgrade			Support	\$635,000		\$695,000	\$500,000								\$1,830,000	
Capital			\$0		\$6,700,000									\$6,700,000				
Total			\$635,000	\$0	\$7,395,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,530,000				
3G307 REHAB 6825			SFO	Fog Horns (West Spans)***	Support	\$339,821											\$339,821	
Capital	\$0													\$0				
Total	\$339,821	\$0			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$339,821				
3G444 REHAB 6825	SFO	Main Cable Wrap Investigations Phase 1			Support	\$423,000		\$253,000	\$300,000								\$976,000	
Capital			\$0		\$2,200,000									\$2,200,000				
Total			\$423,000	\$0	\$2,453,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,176,000				
3G477 REHAB			SFO	Traveler Replacements and Rail Upgrades	Support	\$380,000		\$117,000	\$450,000	\$300,000	\$325,000						\$1,572,000	
Capital	\$0					\$2,800,000								\$2,800,000				

Line No.	Project No.	EA	Bridge	Description		Thru 2016											Total
		Program	CCA	Status		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026		
47	CTR 0126	6825			Total	\$380,000	\$0	\$117,000	\$450,000	\$3,100,000	\$325,000	\$0	\$0	\$0	\$0	\$0	\$4,372,000
		3G448	SFO	W2 to W7 Concrete Column Repair and Seal	Support	\$0		\$309,000	\$300,000	\$300,000							\$909,000
		REHAB			Capital	\$0			\$2,000,000								\$2,000,000
		6825			Total	\$0	\$0	\$309,000	\$2,300,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,909,000
48	CTR 0128	CTR 0128	SFO	Main Cable Wrap Investigations Phase 2	Support	\$0					\$2,000,000	\$6,000,000	\$2,000,000				\$10,000,000
		REHAB			Capital	\$0					\$0	\$30,000,000					\$30,000,000
		6825			Total	\$0	\$0	\$309,000	\$2,300,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,909,000
		3G457	SFO	SFOBB - Replace Joint Seals (Upper & Lower Deck);	Support	\$1,294,000	\$1,441,000										\$2,735,000
49	CTR 0129	REHAB		RSR - Replace Joint Seals (Upper Deck)	Capital	\$5,808,000											\$5,808,000
		6825		and Resurfacing	Total	\$7,102,000	\$1,441,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,543,000
		4H970	SFO	Gateway Park Oversight	Support	\$1,910,000											\$1,910,000
		REHAB		and Link (4H971) PAED	Capital	\$0											\$0
50	CTR 0134	6825			Total	\$1,910,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,910,000
		01408	SFO	SFOBB Maintenance Complex	Support	\$2,864,000											\$2,864,000
		REHAB		Maintenance Complex	Capital	\$38,600,000											\$38,600,000
		6825			Total	\$41,464,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$41,464,000
52	CTR 0148	01410	SFO	SFOBB Maintenance Complex	Support	\$0											\$0
		REHAB		Maintenance Warehouse	Capital	\$15,900,000											\$15,900,000
		6825		Phase 2	Total	\$15,900,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,900,000
		3G443	SFO	Replace Grating Shields and Access Ladders	Support	\$1,744,000	\$209,000										\$1,953,000
53	CTR 0151	REHAB			Capital	\$2,729,000											\$2,729,000
		6825			Total	\$4,473,000	\$209,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,682,000
		0120M	SFO	Toll Plaza Repaving	Support	\$788,000	\$37,782										\$825,782
		REHAB			Capital	\$7,500,000	-\$37,782										\$7,462,218
54	CTR 0152	6825			Total	\$8,288,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,288,000
		1G310	SFO	Toll Plaza Repaving**	Support	\$0											\$0
		REHAB			Capital	\$1,800,000											\$1,800,000
		6825			Total	\$1,800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,800,000
56	CTR 0154	3G440	SFO	Various Structural PIDS**	Support	\$210,000	-\$50,100										\$159,900
		REHAB			Capital	\$0											\$0
		6825			Total	\$210,000	-\$50,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$159,900
		3G450	VAR	Bridge Joint Seals***	Support	\$120,000	-\$62,389										\$57,611
57	CTR 0155	REHAB			Capital	\$0											\$0
		6828			Total	\$120,000	-\$62,389	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$57,611
		3G390	VAR	Bridge Lighting***	Support	\$120,000	-\$20,585										\$99,415
		REHAB			Capital	\$0											\$0
58	CTR 0156	6828			Total	\$120,000	-\$20,585	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$99,415
		3G400	VAR	Bridge Overlays***	Support	\$134,556											\$134,556
		REHAB			Capital	\$0											\$0
		6828			Total	\$134,556	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$134,556
60	CTR 0158	0120F	SFOBB	East Span Base	Support	\$0											\$0
		REHAB			Capital	\$1,965,000											\$1,965,000
		6825			Total	\$1,965,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,965,000
		2J870	SFOBB	West Span BASE	Support	\$456,000	\$132,000										\$588,000
61	CTR 0159	REHAB			Capital	\$9,500,000											\$9,500,000
		6825			Total	\$9,956,000	\$132,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,088,000
		4H180	SFOBB	Refill Seismic Dampeners***	Support	\$22,052											\$22,052
		REHAB			Capital	\$252,546											\$252,546
62	CTR 0160	6825			Total	\$274,597	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$274,597
		3G447	SFOBB	Rebuild Damaged Fender System ***	Support	\$238,798											\$238,798
		REHAB		W6	Capital	\$772,842											\$772,842
		6825			Total	\$1,011,640	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$244,000
		0J120	RSR	Replace Expansion Joint at Pier 44E***	Support	\$68,600											\$68,600
65	CTR 0201	REHAB			Capital	\$270,000											\$270,000
		6814			Total	\$338,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$338,600
		0J870	SFOBB	Install Air Gap Monitoring System***	Support	\$127,000											\$127,000
		REHAB			Capital	\$210,000											\$210,000
66	CTR 0202	6825			Total	\$337,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$337,000
		3G360	Var.	Replace Various Navigational and Utility Equipment	Support	\$127,650											\$127,650
		REHAB		Supplemental PID***	Capital	\$0											\$0
		6828			Total	\$127,650	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$127,650
68	CTR 0204	3G301	Var.	Replace Fog Horns, Radar Beacons and	Support	\$1,040,000	\$431,000	\$800,000	\$700,000	\$300,000						\$3,271,000	
		REHAB		Related Electrical Systems on Northern Bridges	Capital	\$0	\$2,100,000		\$3,900,000							\$6,000,000	
		6828			Total	\$1,040,000	\$2,531,000	\$800,000	\$4,600,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$9,271,000	
		2J680	RSR	RSR Access - PPUL Oversight	Support	\$727,000	\$1,631,000										\$2,358,000
69	CTR 0206	REHAB			Capital	\$0											\$0
		6814			Total	\$727,000	\$1,631,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,358,000
		3G368	Var	Substation and Power Cable	Support	\$200,000											\$200,000
		REHAB			Capital	\$0											\$0
70	CTR 0212	6828			Total	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
		01412	SFOBB	CT Oversight of Bridge Yard ***	Support	\$276,198											\$276,198
		REHAB		(IERBYS Building Slab)	Capital	\$0											\$0
		6825			Total	\$276,198	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$276,198

Line No.	Project No.	EA	Bridge	Description													Total
		Program	CCA			Thru 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	
72	CTR 0214	01413 REHAB 6825	SFOBB	CT Oversight of Bridge Yard (IERBYS Building Retrofit)	Support Capital Total	\$423,802 \$0 \$423,802											\$423,802 \$0 \$423,802
73	CTR 0215	21190 REHAB 6825	SFOBB	Replace transverse expansion joints *** West Span	Support Capital Total	\$950,000 \$2,400,000 \$3,350,000	\$359,010 \$455,302 \$-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 \$10,000,000
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 \$500,000 \$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	
		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
98	SMH	27790	SMH	Bay Trail Improvement**	Support	\$0											\$0
		RM1 8637			Capital	\$115,000											\$115,000
					Total	\$115,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,153,000
100	BR 0002	8539	BATA	SFOBB Eyebar Review	Support	\$2,914,000											\$2,914,000
		REHAB			Capital	\$0											\$0
					Total	\$2,914,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,914,000
101	BR 0003	8594	BATA	SFOBB West Span Pathway Planning	Support	\$1,750,000											\$1,750,000
		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
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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$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
111	BR 0016	8631	BATA	Callboxes	Support	\$0											\$0
		REHAB			Capital	\$2,344,000											\$2,344,000
					Total	\$2,344,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,344,000
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	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$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
114	BR 0019	8902	BATA	2012 CSC Procurement	Support	\$0											\$0
		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
115	BR 0020	8903	BATA	Future Lane/Host Upgrades and Replacement (ATCAS)	Support	\$0											\$0
		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
116	BR 0021	8904	BATA	FasTrak Sign and Sign Structure Improvements (Strategic)	Support	\$1,000,000											\$1,000,000
		REHAB			Capital	\$28,555,000	-\$44,870										\$28,510,130
					Total	\$29,555,000	-\$44,870	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,510,130
117	BR 0022	8905	BATA	Misc Bridge Improvements	Support	\$400,000											\$400,000
		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
118	BR 0023	8908	BATA	BATA Technology Infrastructure (HW, SW, NETWORK)	Support	\$0											\$0
		REHAB			Capital	\$4,035,000											\$4,035,000
					Total	\$4,035,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,035,000
119	BR 0025	8912	BATA	Tag Inventory Conversion (Upgrade Technology)	Support	\$200,000											\$200,000
		REHAB			Capital	\$1,936,500											\$1,936,500
					Total	\$2,136,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,136,500
120	BR 0026	8914	BATA	Violation Enforcement System	Support	\$0											\$0
		REHAB			Capital	\$7,842,000											\$7,842,000
					Total	\$7,842,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,842,000
121	BR 0027	8916	BATA	Bay Crossing Study	Support	\$540,000											\$540,000
		REHAB			Capital	\$0											\$0
					Total	\$540,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$540,000
122	BR 0028	8917	BATA	BATA Technology Security Review and Implementation	Support	\$0											\$0
		REHAB			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	\$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 JC Corridor and Bike/ Ped Improvements	Transportation Authority of Marin	\$43,500,000
12	Direct HOV Lane Connector from I-680 to Pleasant Hill BART	Contra Costa Transportation Authority	\$20,425,000
13	E-BART	Contra Costa Transportation Authority and BART	\$96,000,000
14	Capital Corridor Station and Track Improvements in Solano County	Capital Corridor JPA / STA	\$35,950,126
15	Central Contra Costa BART Crossover	BART	\$25,000,000
16	Benicia-Martinez Bridge: New Span	Bay Area Toll Authority	\$50,000,000
17	Express Bus North	Competitive	\$18,798,452
18	Clipper	Metropolitan Transportation Commission	\$22,000,000
19	Real Time Transit	Metropolitan Transportation Commission	\$20,000,000
20	Safe Routes to Transit	East Bay Bicycle Coalition / Transform	\$22,500,000
21	BART Tube Seismic Retrofit	BART	\$33,801,000
22	Transbay Terminal/Downtown Caltrain Extension	Transbay Joint Powers Authority	\$150,000,000
23	Oakland Airport Connector	Port of Oakland and BART	\$115,199,000
24	AC Transit Enhanced Bus	AC Transit	\$77,760,172
25	Commute Ferry Service for Alameda/Oakland/Harbor Bay	Water Transit Authority	\$12,000,000
26	Commute Ferry Service for Berkeley/Albany	Water Transit Authority	\$12,000,000
27	Commute Ferry Service for South San Francisco	Water Transit Authority	\$12,000,000
28	Water Transit Facility Improvements	Water Transit Authority	\$48,000,000
29	Express Bus South	AC Transit and Alameda County Transportation Commission (ACTC)	\$33,932,828
30	I-880 North Safety Improvements	Alameda County Transportation Commission (ACTC), City of Oakland, and Caltrans	\$12,300,000
31	BART Warm Springs Extension	BART	\$186,000,000
32	I-580 (Tri Valley) Rapid Transit Corridor Improvements	Alameda County Transportation Commission (ACTC)	\$65,000,000
33	San Francisco Bay Area Rail Study	BART	\$6,500,000
34	Integrated Fare Structure Program	TransLink® Consortium	\$1,500,000
35	Transit Commute Benefits Promotion	Metropolitan Transportation Commission	\$5,000,000
36	Caldecott Tunnel Improvements - Fourth Bore	Contra Costa Transportation Authority	\$45,075,000
37	BART Transit Capital Rehabilitation	BART	\$24,000,000
38	Regional Express Lane Network	MTC	\$4,825,455
39	Modifications in I-80 and San Pablo	Contra Costa Transportation Authority	\$8,000,000
40	Caltrain Electrification	Caltrain	\$20,000,000
TOTAL			\$1,515,000,000

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



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
Subtotal for Bay Area Bridges	\$ 8,693,364,000	\$ 25,700,000	\$ 8,719,064,000
Vincent Thomas Bridge Retrofit (<i>non-BATA, for information only</i>)	\$ 58,510,000		\$ 58,510,000
San Diego-Coronado Bridge Retrofit (<i>non-BATA, for information only</i>)	\$ 103,520,000		\$ 103,520,000
Program Indirects	\$ 30,000,000		\$ 30,000,000
Subtotal for All Bridges	\$ 8,885,394,000		\$ 8,911,094,000
Program Contingency	\$ 66,606,000	\$ (25,700,000)	\$ 40,906,000
Total for Toll Bridge Seismic Retrofit Program	\$ 8,952,000,000		\$ 8,952,000,000

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



BATA Resolution No. 118

Date: June 22, 2016

W.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

Total for Toll Bridge Seismic Retrofit Program	\$ 23,000,000
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Notes:

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



BATA Resolution No. 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
TOTAL			\$570,000

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

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

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



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 15-2040 **Version:** 1 **Name:**

Type: Report **Status:** Informational

File created: 10/17/2016 **In control:** Bay Area Toll Authority

On agenda: 10/26/2016 **Final action:**

Title: Follow-up to Financing Options Presentation of September 28, 2016.

Sponsors:

Indexes:

Code sections:

Attachments: [BATA 2016 Board Presentation 2016-10-26 final pptx](#)

Date	Ver.	Action By	Action	Result
------	------	-----------	--------	--------

Subject:

Follow-up to Financing Options Presentation of September 28, 2016.

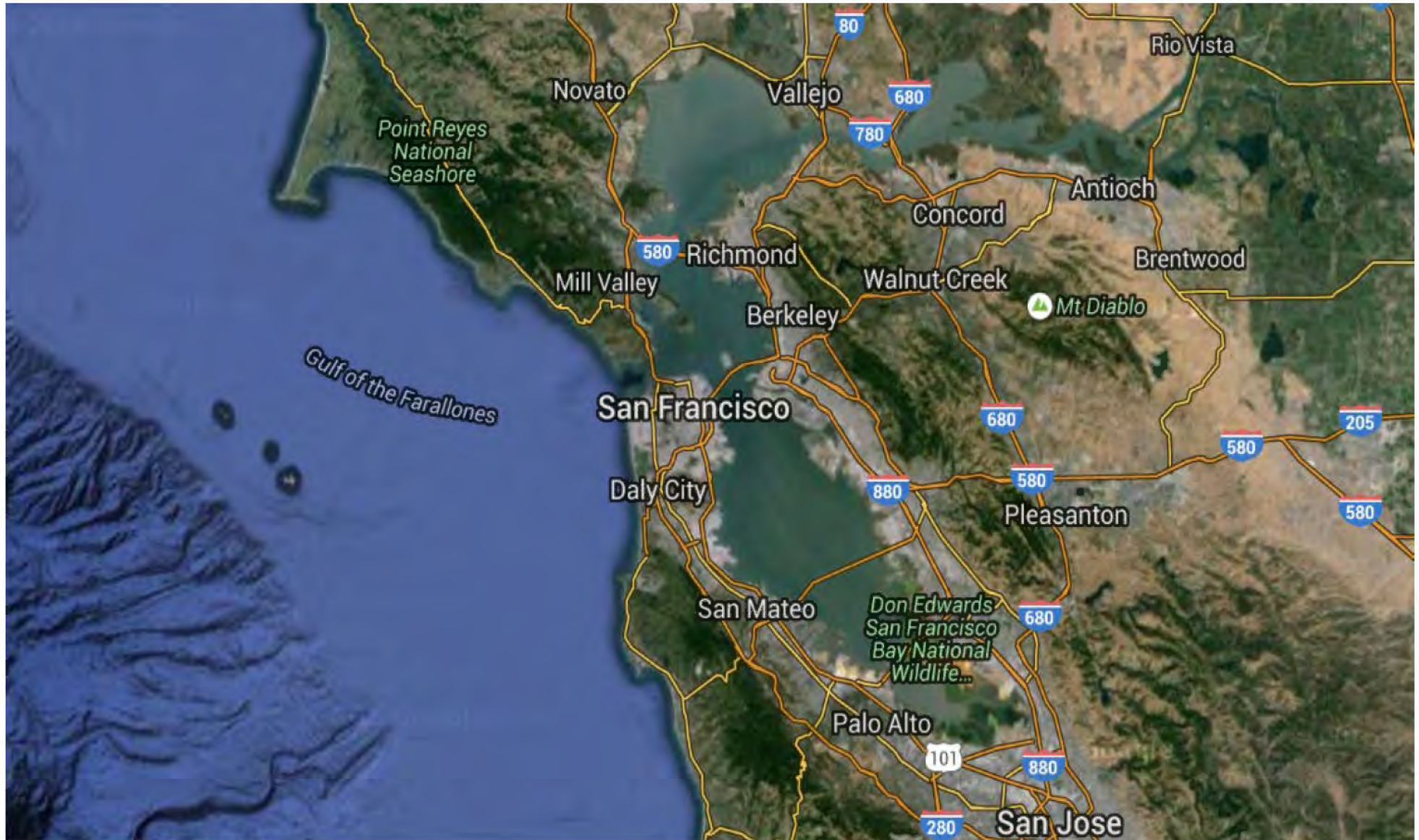
Presenter:

Brian Mayhew

Recommended Action:

Information

Board Presentation Follow-up



October 26, 2016

Executive Summary

Agenda

1

Infrastructure Bank

2

Century Bonds

3

Earthquake Bonds

4

FTA Securitization

5

Refinancing MTC's Unfunded Pension Obligation

1. Infrastructure Bank

What is an Infrastructure Bank?

An Infrastructure Bank is an Entity Designed to Leverage Existing Funds to Accelerate or Enhance Project Delivery Through:

- **Revolving Loans – Project lending**
- **Bond Purchases – Invest directly in project financings**
- **Credit Enhancement – Credit “back-stop”**
- **Conduit Financing – Assist with capital market access**
- **Grant Securitization – Securitize FTA (and other) grants**
- **Policy Priorities – Set through criteria such as local match, private sector role, innovations in technology and social or environmental benefits**

Unlike a State infrastructure bank, a regional infrastructure bank will focus on Bay Area transportation priorities

Why Do We Need a Regional Infrastructure Bank?

MTC and BATA have a history of nearly \$400 million in regional project support
Regional Infrastructure Bank formalizes process MTC/BATA have performed on ad-hoc basis

Agency	Project	Transaction	Principal	Status
BART	SFO Extension	MTC loan	\$60 million	Paid
State GO	Highway projects	BATA purchase	\$190 million	Paid
WETA	WETA infrastructure	BATA purchase	\$10 million	Paid
Air District	Office Purchase	BATA purchase	\$30 million	Outstanding
TJPA	Transbay Terminal	BATA purchase	\$100 million	In process

Creates another tool for project funding/delivery

- Source of project funding
 - State and Federal gas taxes not raised since early 1990's
 - "Self-help" for Bay Area
- Expands Commission project selection authority
- I-Bank funding does not federalize projects



What Local Projects can Benefit from an I-Bank?

Examples of Bay Area Projects that Could Benefit from a Regional Infrastructure Bank



- SR 37
- SR 152
- Express Lanes
- Caltrain Downtown Extension / TBT Phase 2
- Diridon Station
- Transit Extensions & Capacity Improvements
- Multimodal Joint Development Projects

Project Eligibility Criteria would Include:

- Source of repayment
- Delivery mechanism
- Economic impact
- Other criteria

I-Bank would assist projects across the regions

Who has an Infrastructure Bank?

State Infrastructure Banks (SIBs) were Created by Congress in 1995

- **Currently 38 State Infrastructure Banks**
- **National Highway System Designation Act established SIBs in 10 States**
- **1997 legislation expanded to all states included \$150 million Federal funding**
- **In 2005 SAFETEA-LU enabled states to use 10% of Title 23 and Title 49 funds in SIBs**
- **The purpose was to encourage innovation in project financing**

California Infrastructure and Economic Development Bank

- **Created in 1994**
- **Initial funding approximately \$162 million in General Fund transfer**
- **Eligible projects include transportation and infrastructure**
- **Approximately \$500 million in loans approved**
- **Primarily a conduit bond issuer, so limited impact on transportation funding shortfalls**

What Project Processes do Other Infrastructure Banks Use?

Example – Georgia Transportation Infrastructure Bank

The screenshot shows the Georgia Transportation Infrastructure Bank (GTIB) website. The header includes the SRTA logo and navigation links: ABOUT SRTA, PEACH PASS, GTIB BANK, PROGRAMS AND PROJECTS, and DOING BUSINESS WITH SRTA. A search bar is located on the left. The main content area is titled "Georgia Transportation Infrastructure Bank (GTIB)" and describes the bank's mission and financial reporting. Below this are three circular icons: "APPLICATIONS & GUIDELINES", "PROJECT LISTING", and "ANNUAL REPORT". A "PROJECT SPOTLIGHT" section features a yellow button and a photo of a road improvement project. On the left, there are two boxes for "Apply for a GTIB Loan" and "Apply for a GTIB Grant", each with a list of links. A "Stay Connected" section at the bottom left includes social media links. Annotations in green text and arrows point to specific elements: "Clear credit guidelines" points to the "Application Date" link in both the loan and grant application lists; "Clearly defined goals" points to the "ANNUAL REPORT" icon; "Transparent Process" points to the "ANNUAL REPORT" icon; and "Marketing of I-Bank through 'Project Spotlight'" points to the "PROJECT SPOTLIGHT" section.

Georgia Transportation Infrastructure Bank (GTIB)

The Georgia Transportation Infrastructure Bank (GTIB) provides financial assistance for transportation projects that improve mobility, sustain development and enhance communities throughout the state and is managed by the State Road and Tollway Authority (SRTA).

Each fiscal year, GTIB financials are provided in the State Road and Tollway Authority's Audit Report. For FY15, the GTIB Annual Report is listed below. Previous GTIB financial information can be found in SRTA's annual audit reports.

APPLICATIONS & GUIDELINES **PROJECT LISTING** **ANNUAL REPORT**

PROJECT SPOTLIGHT
Click here to read the Project Profile featured in the Project Spotlight

COUNTY
Gwinnett County (Lilburn, Georgia)

PROJECT
CID Main Street Improvement

GTIB AWARD
\$800,000

Apply for a GTIB Loan
Learn more about applying for a GTIB loan:
• Application Date
• Objectives
• Loan Program Guidelines
• Applications
• Questions/Contacts

Apply for a GTIB Grant
Learn more about applying for a GTIB grant:
• Application Date
• Objectives
• Grant Program Guidelines
• Applications
• Questions/Contacts

Stay Connected
Find us on Facebook and be part of the community
Follow us on Twitter for real time traffic alerts and more.
Watch our videos on YouTube
Join us for Tollwalk

Clear credit guidelines

Clearly defined goals

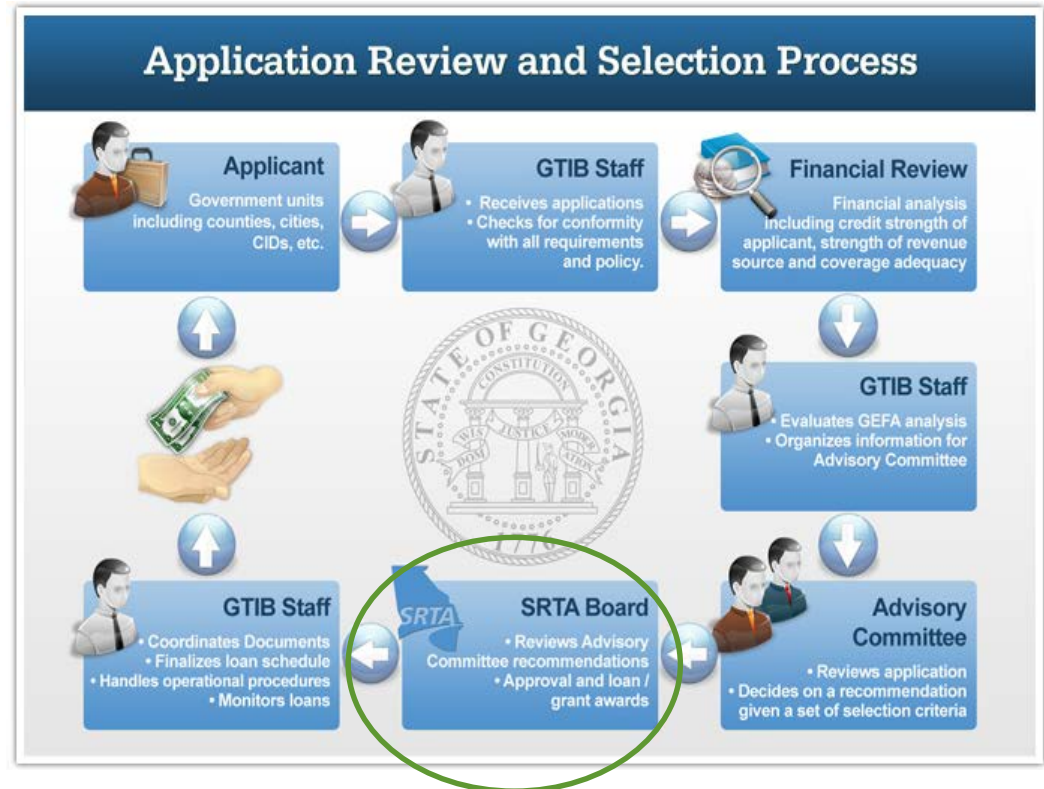
Transparent Process

Marketing of I-Bank through "Project Spotlight"

What is the Governance Structure and Project List?

Example – Georgia Transportation Infrastructure Bank

- Georgia's State Road and Tollway Authority ("SRTA") runs the Georgia Transportation Infrastructure Bank ("GTIB") and shares a common board that sets policy and governance
- Leveraged \$50 million in grants/loans to support \$200 million in projects
 - Local road projects
 - Bridge rehabilitation
 - Highway improvements
 - Loans/grants range from \$165,000 to \$4 million



SRTA and GTIB have common Board that directly participates in project approval and I-bank governance

Are there Local Infrastructure Banks?

One Non-State I-Bank Example – Dauphin County Infrastructure Bank

DAUPHIN COUNTY
P E N N S Y L V A N I A

Search this site...

Citizen | Business | **Government Services**

Dauphin County > Government Services > Community & Economic Development > DCIB

Dauphin County Infrastructure Bank

Dauphin County Industrial Development Authority
112 Market Street, 7th Floor
Harrisburg, PA 17101-1295
(717) 780-6250 **Phone**
(717) 780-6258 **Fax**

Well-defined goals

For more than 30 years, Dauphin County has responsibly invested its Liquid Fuels funds to replace, improve, and maintain the County's bridges. As a result of this stewardship, the County is in a unique position to invest its surplus Liquid Fuels allocation funding in support of a new program to assist communities and private entities with financing surface transportation improvement projects that support economic development.

Established through a unique partnership with the Pennsylvania Department of Transportation (PennDOT), the Dauphin County Infrastructure Bank (DCIB) would be established to finance county surface transportation projects at very favorable terms compared to alternative sources of funding. The DCIB is a revolving loan program that could grow to as much as \$30 million over the next several years.

Pre-determined credit and project guidelines

- 2016 DCIB FAQs
- 2016 DCIB PROGRAM GUIDELINES
- 2016 DCIB PROGRAM OVERVIEW
- 2016 DCIB SCHEDULE OF IMPORTANT DATES

Transparency & marketing through detailed website

2014 NACO ACHIEVEMENT AWARD WINNER

County News

- 10/04/2016 - Work by Dauphin County DA and Commissioners to make Narcan available to police, first responders save 50 lives in past year
- 09/28/2016 - More senior citizens receiving meals and being protected from crime thanks to cost saving measure by Dauphin County Commissioners
- 09/27/2016 - Dauphin County to offer free Medicare open enrollment counseling sessions

County Events

- 10/05/2016 - Migration Bird Walk
- 10/08/2016 - Volunteer Work Day
- 10/08/2016 - Storytime

County Forms

Government Services

- About the County
- Publicly Elected Officials
- County Offices
- Community & Economic Development
- Industrial Development Authority
- Board Information
- Small Business Loan Program
- Gaming Advisory Board
- Infrastructure Bank**
- Economic Development Corporation
- Redevelopment Authority
- Land Bank Authority
- Hospital Authority
- Tax Collection
- Quick Facts
- Online Forms
- Resources
- Projects
- Court Departments
- Criminal Justice
- Elections & Voter Registration
- Human Resources

Source: <http://www.dauphincounty.org/government/Community-Economic-Development/Pages/DCIB.aspx>

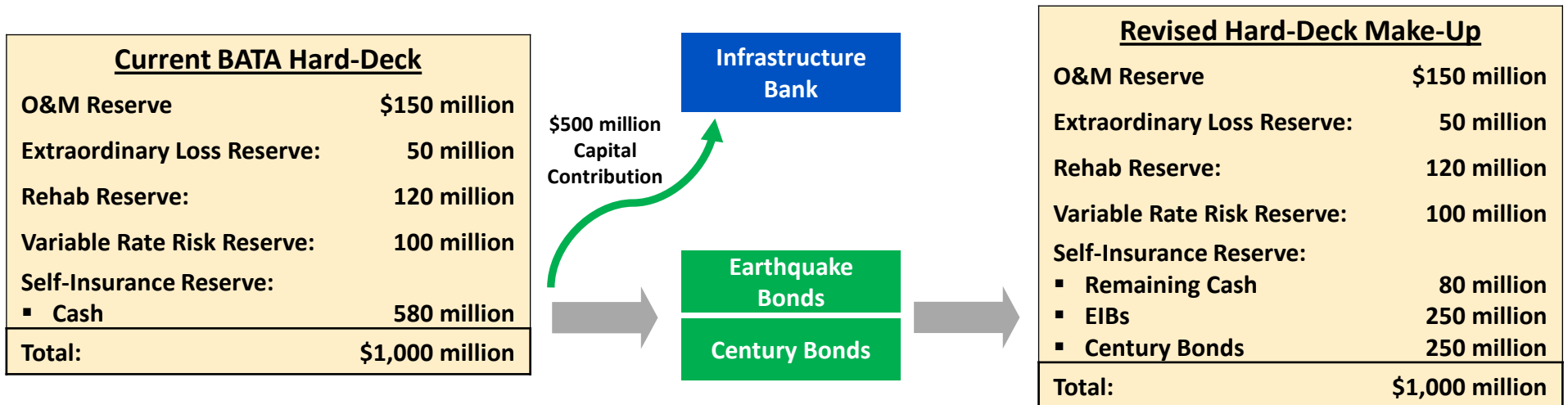
How are Infrastructure Banks Funded?

Funding for Infrastructure Banks Comes from Many Different Sources

<u>I-Bank</u>	<u>Funding Source</u>
Alaska Municipal Bond Bank	\$2.5 million federal funding; bond proceeds
California Infrastructure and Economic Development Bank	Original funding \$162 million General Fund \$ 3 million federal funds
Dauphin County Infrastructure Bank	Surplus Liquid Fuel fund allocation funds collected over past 30-years
Georgia Transportation Infrastructure Bank	\$50 million State motor fuel sources
Kansas DOT	\$130 million State and federal funds
Oregon Transportation Infrastructure Bank	\$1 million State and \$9 million federal funds
Texas DOT	\$171 million federal funds; state funding
South Carolina Transportation Infrastructure Bank	\$3 million federal funds; state funding

How Could a Regional Infrastructure Bank be Funded ?

BATA has Resources that can be Repurposed to Fund an Infrastructure Bank



Allows BATA to maintain its current \$1 billion minimum reserves, while freeing up resources to provide I-Bank funding

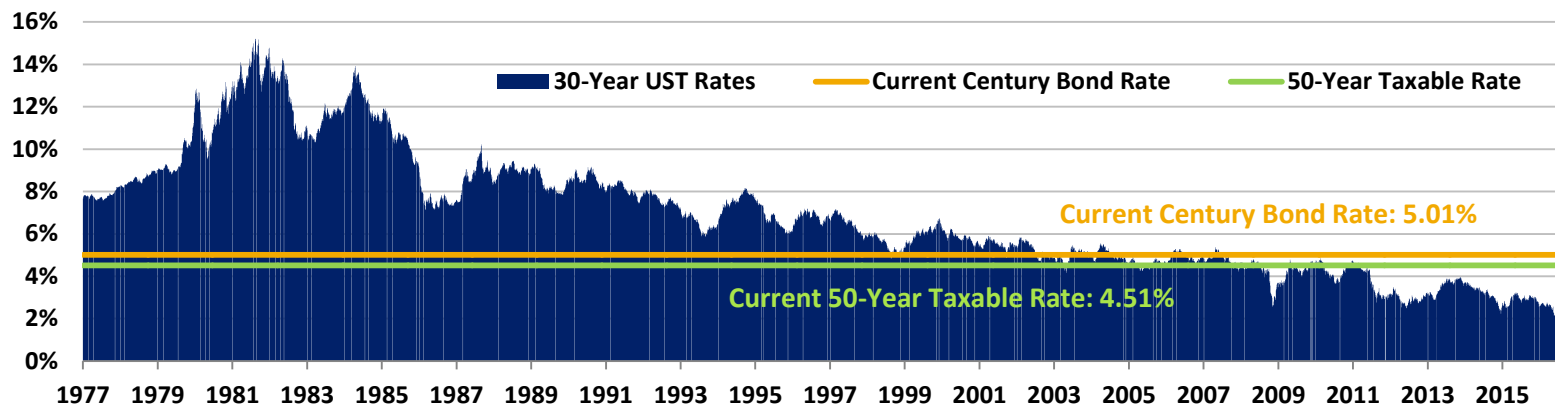
2. Century Bonds

What are Advantages of Taxable Bonds?

BATA has a history dealing with taxable bonds having issued \$3.6 billion (Build America Bonds)

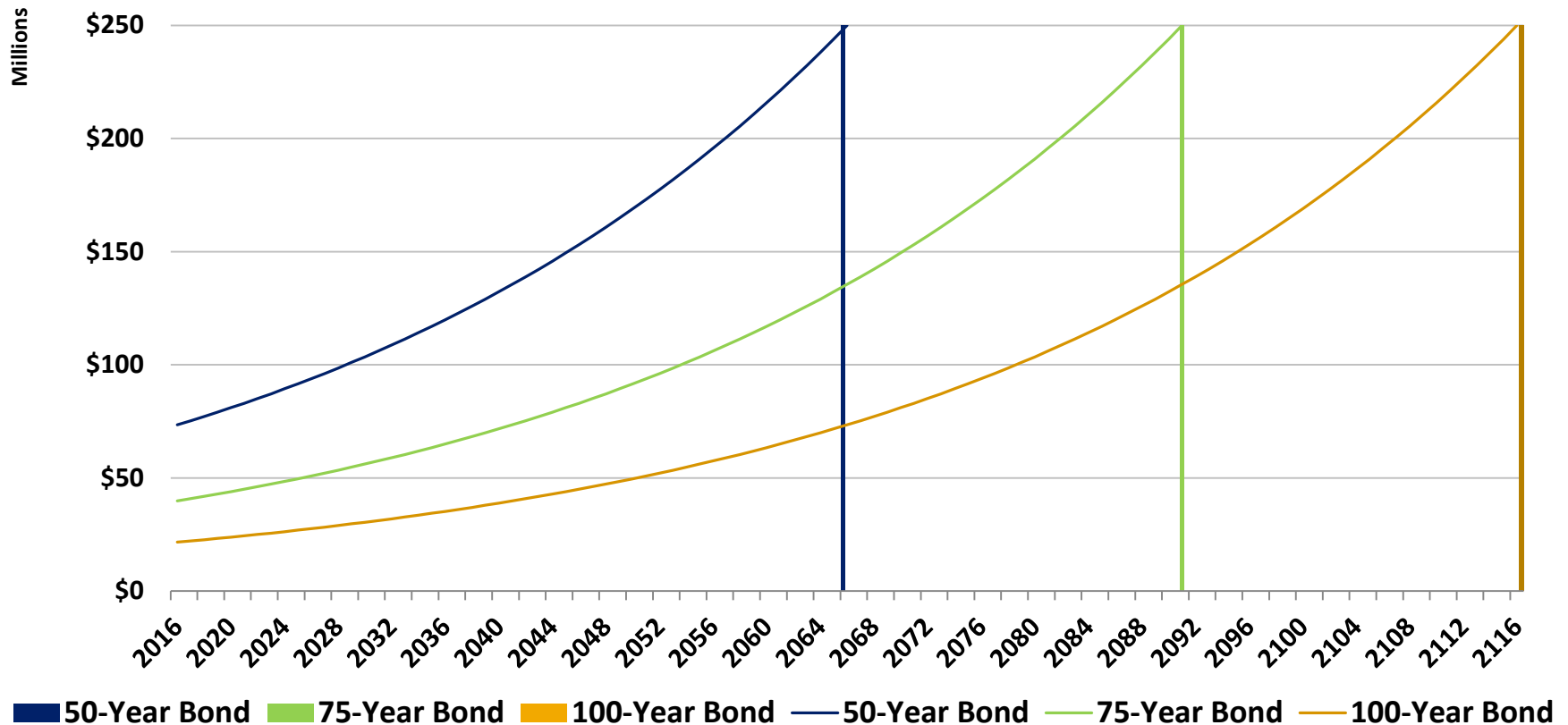
- **No restrictions on expenditure or timing**
 - Advance fund projects
 - Fund reserves
 - Flexibility to change use of proceeds at any time
- **No restrictions on interest earned**
 - Earnings are not capped
 - No burdensome proceeds tracking
 - If interest rates increase, bond proceeds may have the potential for positive earning
- **Does have higher initial cost: 1% of par amount tax-exempt vs. 2% taxable**

Long-Dated Taxable Bond Rates are Historically Attractive



Taxable Structure Allow BATA to Retire Principal

Investing and Compound Interest can Repay Bonds at Maturity



- \$73 million invested at 2.50% for 50 years generates \$250 million
- \$40 million invested at 2.50% for 75 years generates \$250 million
- \$22 million invested at 2.50% for 100 years generates \$250 million

What are Risks and Mitigations of Century Bonds?

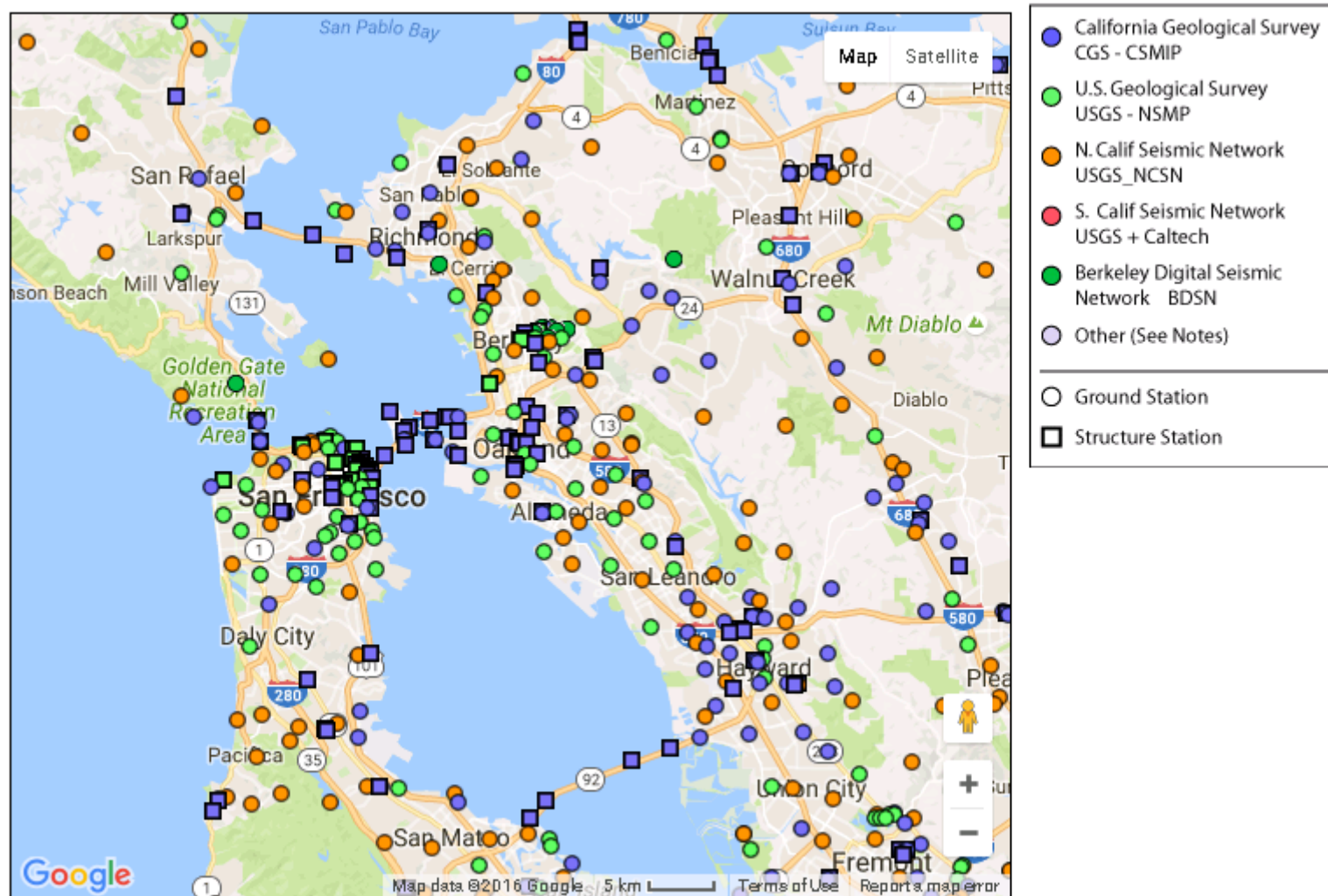
Risk	Mitigation
Non-Callable	Issuing at historically low rates reduces need for economic refundings; legal defeasance will be possible through an escrow 30-years prior to maturity or through a tender purchase at any time
Reinvestment rate risk for duration of bonds	A historically low cost of funds can help minimize negative arbitrage
Aged assets may be more susceptible to catastrophic events before maturity of the bonds	Continuation of the BATA hard-deck and the rehabilitation program will mitigate risk to the actual assets as well as the revenue stream
Legal structure or authority to issue bonds may change prior to maturity	Bonds can be redeemed through a tender purchase at any time

3. Earthquake Bonds

How do BATA's Insurance Options Compare?

	Continue to Self-Insure	Traditional Insurance Market	Earthquake Bond Market
Description	<ul style="list-style-type: none"> BATA retains earthquake risk 	<ul style="list-style-type: none"> Transfer risk to commercial insurance market 	<ul style="list-style-type: none"> Transfer risk to the capital markets
Scope of Coverage	<ul style="list-style-type: none"> Damage / tolls 	<ul style="list-style-type: none"> Physical damage to activate 	<ul style="list-style-type: none"> Parametric Loss of revenue / business interruption
Credit Risk Exposure	<ul style="list-style-type: none"> None 	<ul style="list-style-type: none"> Exposure to commercial insurance companies 	<ul style="list-style-type: none"> Collateralized protection
Term	<ul style="list-style-type: none"> Not Applicable 	<ul style="list-style-type: none"> Traditionally one-year 	<ul style="list-style-type: none"> Typically 3-5 years Parametric transactions may be longer
Recovery	<ul style="list-style-type: none"> Simple / immediate 	<ul style="list-style-type: none"> Loss development period and claims review process to prove actual damages 	<ul style="list-style-type: none"> No need for claims review process 60 days on parametric triggers Proceeds in collateralized trust
Pricing / Cost	<ul style="list-style-type: none"> No additional premium paid Keep current reserves to self-insure Incur costs to replenish the reserves post event Annual cost equivalent to \$0.10 toll 	<ul style="list-style-type: none"> Highly negotiated contracts/pricing 	<ul style="list-style-type: none"> All-in pricing of 4-6% \$300k feasibility study Collateralized trust Annual cost equivalent to \$0.09 toll

How does “Parametric” Trigger Work?



Examples of Transportation Authorities Using the Earthquake Bond Market



Amtrak

- In 2012, Superstorm Sandy caused over \$1 billion in losses to Amtrak
- Resulted in a lengthy and contentious litigation process between Amtrak and its primary insurers over the recovery, which was ultimately settled after three years
- In addition, Amtrak experienced a significant increase in insurance premiums post event

In 2015, Amtrak obtained parametric insurance coverage through the insurance-linked bond market

- Transaction: PennUnion Re Limited Series 2015-1
- Issuance Size: \$275 million
- Trigger Type: Parametric
- Tenor: Approximately 3 years and 2 months
- Covered Events: Storm Surge, Wind, Earthquake
- Modeled Annual Expected Loss: 2.05%



Metropolitan Transportation Authority (MTA)

- In 2012, Superstorm Sandy caused almost \$5 billion in losses to the MTA
- The MTA experienced funding constraints and sought additional funding due to timing delays in the receipt of proceeds from their traditional insurers post event
- Post event insurance coverage became difficult to obtain, and busy tunnels were shut down for repair

In 2013, the MTA obtained parametric insurance coverage through the insurance-linked bond market

- Transaction: MetroCat Re Limited Series 2013-1
- Issuance Size: \$200 million
- Trigger Type: Parametric
- Tenor: 3 years
- Covered Events: Storm Surge
- Modeled Annual Expected Loss: 1.71%

Examples of California Entities Using the Earthquake Bond Market



Kaiser Permanente

- With \$20+ billion of physical assets, a majority of which are located in California, Kaiser Permanente sought different approaches to protect against potential losses in the event of a catastrophe
- While purchasing a significant amount of traditional earthquake insurance coverage, traditional supply was inadequate to meet Kaiser Permanente's risk transfer and financial objectives

In 2015, Kaiser Permanente obtained parametric insurance coverage through the earthquake insurance bond market

- Transaction: Acorn Re Limited Series 2015-1
- Issuance Size: \$300 million
- Trigger Type: Parametric
- Tenor: 3 years
- Covered Events: Earthquake
- Modeled Annual Expected Loss: 0.74%



Vivendi Universal (Universal Studios)

- Through Vivendi Universal's acquisition of Seagram, Vivendi Universal became the owner of Seagram's Universal Studios including both the theme park and studio assets in Southern California
- Vivendi Universal sought to purchase earthquake coverage focusing on business interruption post major events

In 2002, the Vivendi Universal obtained parametric insurance coverage through the earthquake insurance bond market

- Transaction: Studio Re Limited
- Issuance Size: \$150 million¹
- Trigger Type: Parametric
- Tenor: 3.5 years
- Covered Events: Earthquake
- Modeled Annual Expected Loss: 0.65%

Source: Trading Risk, Thomson Reuters, Wall Street Journal, Company Press Releases, as of October 2016

¹ Total size of \$175 million including \$25 million of preference shares.

What is the Financial Impact on BATA?

- **Base Case – Current situation; no Earthquake Bonds; no Century Bonds**
- **Case 1 – No Earthquake Bonds; \$250 million of Century Bonds**
- **Case 2 – No Earthquake Bonds; \$500 million of Century Bonds**
- **Case 3 – \$250 million of Earthquake Bonds; \$250 million of Century Bonds**

BATA model results (FY 2017 – 2021)

	<u>Base Case</u>	<u>Case 1</u>	<u>Case 2</u>	<u>Case 3</u>
Earthquake Bond Issuance	-	-	-	250,000,000
Century Bond Issuance	-	250,000,000	500,000,000	250,000,000
Total Capital Expenditures	1,842,141,600	1,842,141,600	1,842,141,600	1,842,141,600
Additional Annual Cost/Debt Service	-	8,338,098	16,676,195	27,925,598
Minimum Fixed Charge Coverage	1.23 x	1.20 x	1.17 x	1.18 x

Century Bonds and Earthquake Bonds have no material impact on project delivery

Next Steps for I-Bank Development

- **Conduct peer review of I-Bank concept**
- **Evaluate issuance of Century Bonds, Earthquake Bonds, or both**
 - **If Century Bonds, seek board approval through issuance resolution**
 - **If Earthquake Bonds:**
 1. **Perform risk assessment feasibility study**
 - **Performed by specialist 3rd party modeling firm**
 - **Assesses BATA risk and vulnerabilities**
 2. **Perform legal and tax analysis**
 - **Legal Counsel with expertise in earthquake bonds**
 - **Explore optimal structure for BATA**
 3. **Return to Board with more precise information and specific recommendations**
- **Review potential governance changes to BAIFA to accommodate I-Bank**
- **Return to Board with recommendations regarding formation of I-Bank**

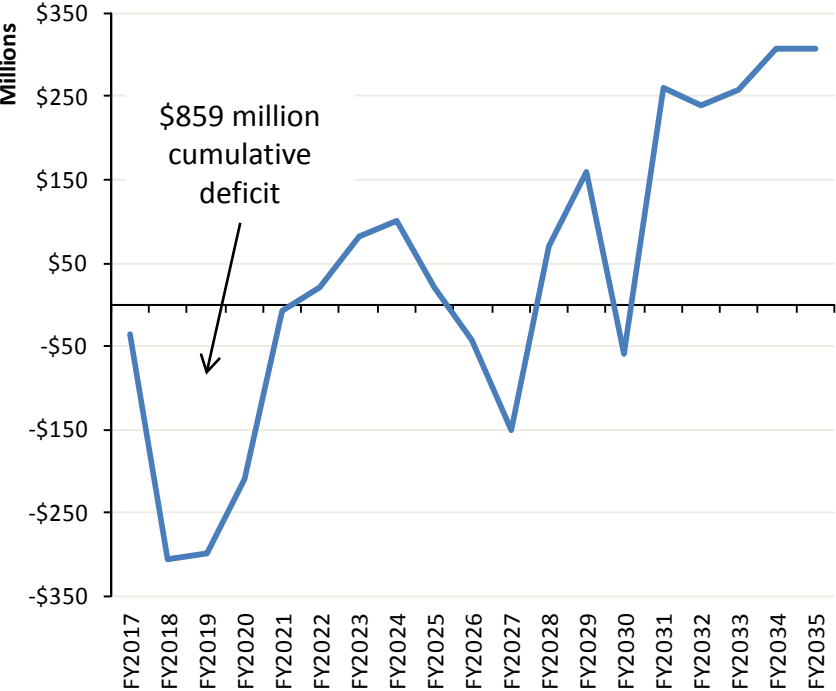
4. FTA Securitization

Why do an FTA Securitization?

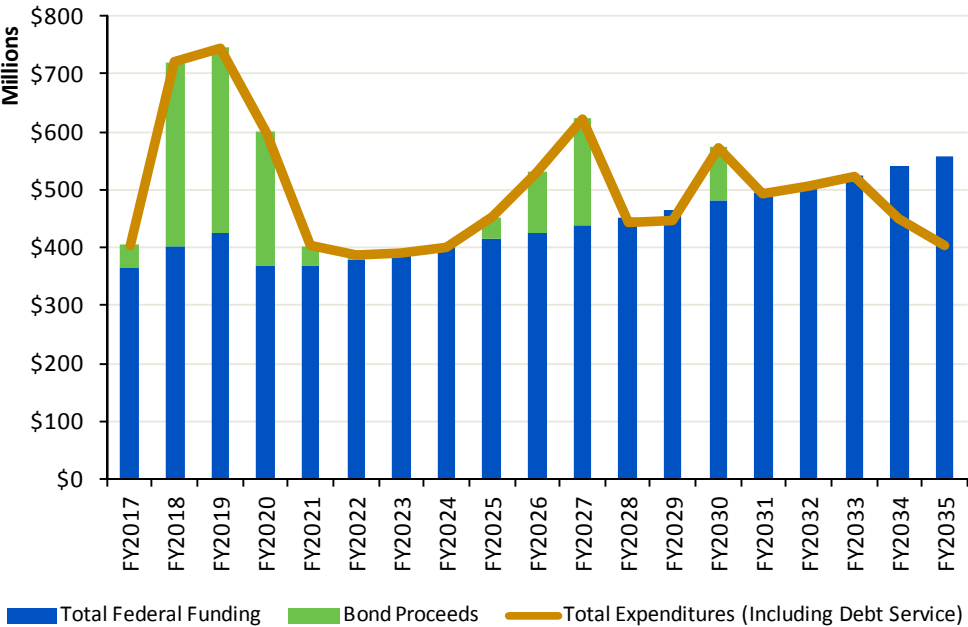
Strategic Financing will Resolve Funding Gaps

- There is a mismatch between Federal Formula Fund payments and project expenditures, creating funding gaps
- Current plan has \$859 million deficit over next five years
- Issuing \$920 million of bonds over the next three years can close the funding gap

Funding Deficit – Current Plan



Funding after Grant Financing



How Will FTA Securitization Work?

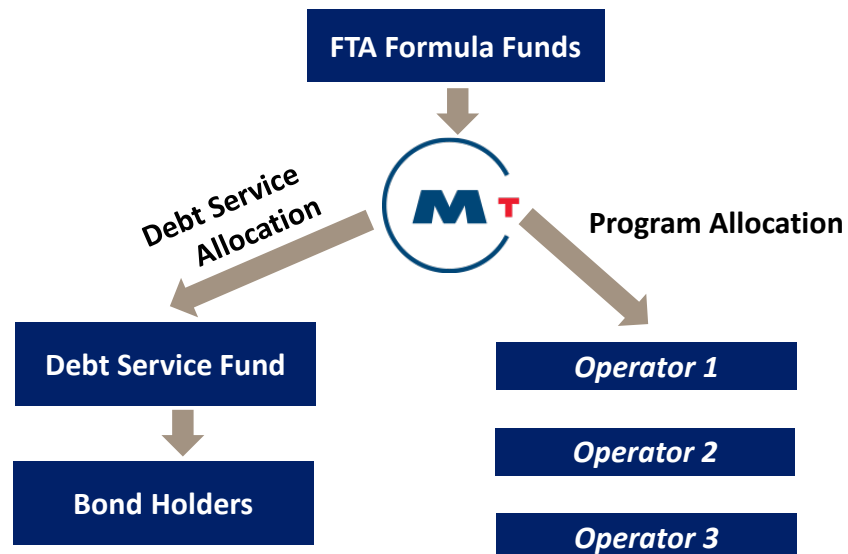
MTC Remains in Control of Allocation Process

Benefits

- MTC continues to allocate funds
- Match resources with expenditures
- Accelerate project delivery

Risks

- Federal funding is reduced
- Reauthorization is delayed
- Reliance on negotiations and actions of operators



Implementation Steps

- BAIFA can issue the bonds
- Draft legal documents
- Gain FTA approval of funding plan
- Partner with regional transit operators to determine needs
- Initial funding planned for 2017

5. Refinancing MTC's Unfunded Pension Obligations

Why Issue Pension Obligation Bonds?

Prefunding Retirement Liability to Protect Against Future PERS Increases

- MTC PERS liability is \$34.6 million
- PERS estimate to retire liability is \$61 million
 - 7.5% over 30 years
- Prefunding can save \$30 million
 - 3.0% over 10 years
- ABAG has liability of \$13.7 million (\$39.1 million amortized)
 - Similar structure should work with proper transition structure

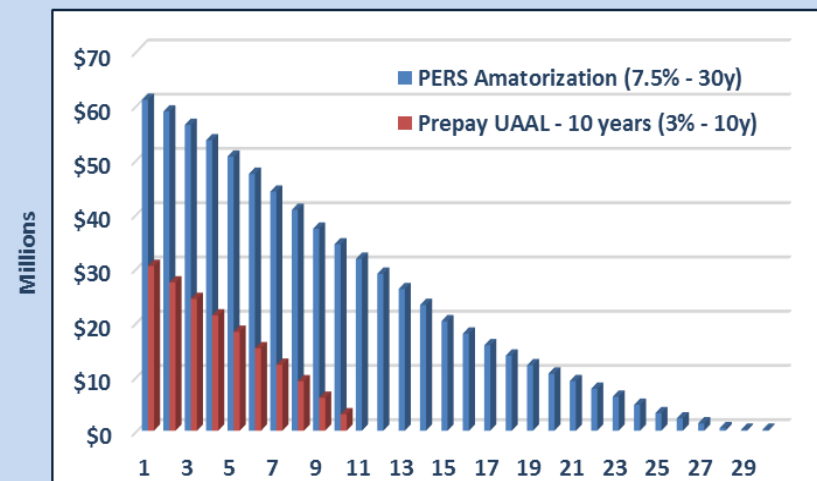
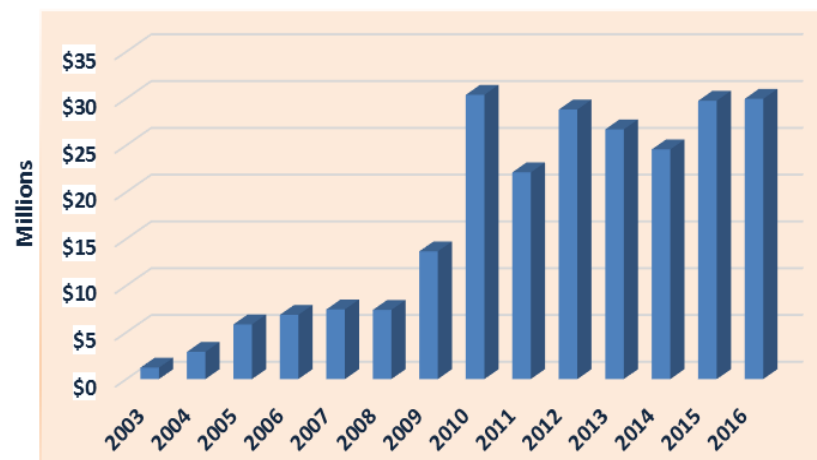
Risks

- Actuarial assumptions are 2015
- Actuarial assumptions can change
- Planned investment returns are not realized
- MTC still pays normal costs (10% of payroll)

Implementation Steps

- MTC can enter into a loan or issue special limited obligation
 - Taxable public offering
 - Direct bank placement
- Security for debt obligation is pledge all of MTC's non-Federal Fund revenues
- Develop and approve MTC documents

Unfunded Pers Liability



Next Steps for Commission

