



BAY AREA TOLL AUTHORITY

Bay Area Metro Center

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San Francisco, CA 94105

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WEB [www.mtc.ca.gov](http://www.mtc.ca.gov)

## ***Memorandum***

TO: BATA Oversight Committee

DATE: February 7, 2017

FR: Executive Director

W. I. 1256

RE: BATA Resolution No. 122, Revised – Toll Bridge Program Operating and Capital Budgets Revision

Staff is requesting an amendment to the BATA Toll Bridge Program Operating and Capital Budgets (BATA Resolution No. 122, Revised) to add capital projects receiving funds from the SB-1 Local Partnership Formula Program (LPP) and update allocations among projects within BATA's operating and capital programs.

### **A. Operating Budget**

Staff is proposing to amend the BATA Toll Bridge Program Operating Budget to increase the Regional Measure 2 (RM2) Transit Operating Budget.

Staff recommends increasing the RM2 Transit Operating (Program) budget by \$4.3 million from \$45 million to \$49.3 million. BATA is authorized to commit up to 38% of the RM2 revenue to the Program budget. As Program revenue continues to expand during the year, staff proposes to increase its budget to the maximum allowable. Part of the increased budget balance will be allocated to the Clipper® and Transbay Transit Center projects at \$2 million and \$3 million respectively.

In addition to the recommended budget change for RM2, the operating budget has been augmented by approximately \$1.5 million in carryover encumbrances, primarily for contracts executed in FY 2016-17 with work continuing in FY 2017-18.

These changes are shown in Attachment A of the resolution.

### **B. SB-1 Local Partnership Formula Program**

Staff requests a \$21 million increase to the BATA Budget for other capital projects to add two new BATA projects receiving SB-1 LPP funds: Dumbarton Bridge Operations Improvements at \$17 million and San Francisco – Oakland Bay Bridge/West Oakland Regional Bicycle/Pedestrian Link Connection at \$4 million. BATA is receiving \$10.2 million in SB-1 LPP funds for the projects. The remaining \$10.8 million in BATA matching funds for these two projects were not included in the BATA budget but will come from funds available in the Toll Bridge Rehabilitation Program reserves.

These changes are shown in Attachment H of the resolution.

### **C. Toll Bridge Rehabilitation Program**

Staff is updating the Toll Bridge Rehabilitation Program Budget to reallocate existing budget within the Program. These changes are shown in Attachment C-1 and C-2 of the resolution. There is no net change to the overall Toll Bridge Rehabilitation Program Budget.

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#### D. RM2 Capital Program

Staff proposes to increase the RM2 Capital budget by \$74 million for the following three projects consistent with action in December 2016 that directed RM2 funding available as a result of lower overall program financing costs.

1. Project 18: Clipper<sup>®</sup> – increased by \$13 million to fund the development and deployment of new technology for Clipper.
2. Project 29: Regional Express Bus Service and Operational Improvements for San Mateo, Dumbarton, and San Francisco Oakland Bay Bridge (SFOBB) Corridors – increased by \$21 million to implement both capital and operational improvements on and near the SFOBB.
3. Project 37: BART Transit Capital Rehabilitation – increased by \$40 million to fund additional purchase of new BART cars.

These revisions are based on MTC Resolution No. 3801, Revised, approved by the MTC Commission.

Staff recommends that the Committee refer BATA Resolution No. 122, Revised to the Authority for approval.

  
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Steve Heminger

SH:pl  
Attachment

Date: June 28, 2017  
W.I.: 1251, 1252, 1253, 1254, 1255, 1256  
Referred by: BATA Oversight  
Revised: 09/27/17-BATA  
02/28/18-BATA

ABSTRACT

BATA Resolution No. 122, Revised

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

Attachments E-1 and E-2 to this resolution were revised on September 27, 2017 to update the Toll Bridge Seismic Retrofit Program budget and capital outlay support allocations.

This resolution was revised on February 28, 2018 to update attachments A, C-1, C-2, and D which include the FY 2017-18 Operating budget, Toll Bridge Rehabilitation Program budget, and Regional Measure 2 Capital budget, and to add Attachment H SB1 Capital Program budget.

Discussion of these actions are contained in the Deputy Executive Director's Memorandum to the BATA Oversight Committee dated June 7, 2017 and the Executive Director's Memorandum to the BATA Oversight Committee dated September 6, 2017 and February 7, 2018.

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

BAY AREA TOLL AUTHORITY  
RESOLUTION No. 122

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

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

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

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

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

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

WHEREAS, BATA staff has prepared a proposed budget for FY 2017-18 that includes anticipated revenues and expenses, as set forth in Attachment A, and reserve designations as set forth in Attachment G to this resolution, attached hereto and incorporated herein by this reference; and

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

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

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

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

WHEREAS, in accordance with the BATA Plan of Finance plan (BATA Resolution No. 110), adopted by the Authority on November 20, 2013, and the bond covenants adopted under the Master Indenture and Supplemental Indentures, BATA is required to maintain certain reserves and contingencies including a reserve for operations and maintenance at twice the adopted operating budget and a Self Insurance Reserve of at least \$50 million which are detailed in Attachment G of this resolution; and

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

RESOLVED, that BATA approves the FY 2017-18 Toll Bridge Program operating budget prepared in accordance to generally accepted accounting principles attached hereto as Attachment A and incorporated herein as though set forth in length; and, be it further

RESOLVED, that BATA delegates to the Oversight Committee the authority to approve all contracts and expenditures as well as capital projects in BATA's budget for FY 2017-18, providing that there shall be no increase in the overall budget without prior approval of the Authority; and be it further

RESOLVED, that the BATA Executive Director or the responsible BATA staff person designated by the Executive Director, shall submit written requests to the BATA Oversight Committee for approval of consultants, professional services, and expenditures authorized in the BATA budget for FY 2017-18; and, be it further

RESOLVED, that the Authority adopt budgets for the FY 2017-18 RM 2, Rehab, SRP, AB 1171, and Express Lanes Capital programs for the state-owned toll bridges, as listed in Attachments B through F; and be it further

RESOLVED, that the Executive Director and Chief Financial Officer are authorized to close projects and reallocate remaining budgets within the authorized Toll Bridge Rehabilitation Program Budget List and to move funds between designated contingency projects and active projects provided there is no overall increase to the total approved Toll Bridge Rehabilitation Program Budget; and be it further

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

RESOLVED, that the Authority's Executive Director and the Chief Financial Officer are authorized to carry over and re-budget all grants, contracts and funds properly budgeted in the prior year for which expenditures were budgeted and encumbered and which will take place in FY 2017-18, and be it further

RESOLVED, that BATA has approved a total budget of \$342 million for the planning, design, construction and operation of the Express Lane Network and designates to BAIFA the authority to administer the budget, contracts, expenses and assets of the Express Lane Network; and be it further

RESOLVED, that the Authority authorizes fund reserve designations, effective June 30, 2017, as listed in Attachment G; and be it further

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

BAY AREA TOLL AUTHORITY

  
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Jake Mackenzie, Chair

The above resolution was entered into by the Bay Area Toll Authority at a regular meeting of the Authority held in San Francisco, California, on June 28, 2017.

Date: June 28, 2017  
W.I.: 1251, 1252, 1253, 1254, 1255, 1256  
Referred by: BATA Oversight  
Revised: 09/27/17-BATA  
02/28/18-BATA

Attachments  
BATA Resolution No. 122

FY 2017-18 Toll Bridge Program  
Operating and Capital Budgets

Attachment A: FY 2017-18 Toll Bridge Program Operating Budget.

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

Attachment C: FY 2017-27 Ten-Year Toll Bridge Rehabilitation Program, which shows capital outlay and capital outlay support budgets for the toll bridges (comprised of Attachment C-1 detailing the FY 2017-18 budgets and allocations and Attachment C-2, detailing the entire ten-year plan).

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

Attachment E: SRP Capital Program Budget, which shows the adopted capital budgets for the SRP projects, (comprised of Attachment E-1 detailing the total project budgets and Attachment E-2 detailing capital outlay support allocations for FY 2017-18).

Attachment F: AB 1171 Capital Program.

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

Attachment H: SB1 Capital Program Budget, which shows the budgets for the capital projects that are receiving the SB1 funding.





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

BATA Resolution No. 122  
Date: June 28, 2017  
W.I.: 1251 - 1256  
Referred by: BATA Oversight Committee  
Revised: 02/28/18 - BATA

## **OPERATING REVENUE-EXPENSE SUMMARY**

	APPROVED BUDGET FY 2017-18	Amendment #1 FY 2017-18	Change % Inc./Dec	Change \$ Inc./Dec	
General Toll Revenue	\$727,425,100	\$727,425,100	0.0%	\$0	L1
Violation Revenue	10,000,000	10,000,000	0.0%	0	L2
Interest Revenue	12,000,000	12,000,000	0.0%	0	L3
Reimbursement Revenue	9,551,000	9,551,000	0.0%	0	L4
Rebate for Build America Bonds	71,278,791	71,278,791	0.0%	0	L5
<b>Total Operating Revenue</b>	<b>\$830,254,891</b>	<b>\$830,254,891</b>	0.0%	\$0	
<b>Total Operating Expense</b>	<b>\$722,077,748</b>	<b>\$727,840,795</b>	0.8%	\$5,763,047	
<b>Operating Surplus</b>	<b>\$108,177,143</b>	<b>\$102,414,096</b>	-5.3%	(\$5,763,047)	
<b>Transfer to Reserves</b>	<b>\$108,177,143</b>	<b>\$102,414,096</b>			
<b>Total Operating Surplus (Shortfall)</b>	<b>\$0</b>	<b>\$0</b>		\$0	

## **REVENUE DETAIL**

### **BUDGET FY 2017-18**

	APPROVED BUDGET FY 2017-18	Amendment #1 FY 2017-18	Change % Inc./Dec	Change \$ Inc./Dec
<b>General Toll Revenue (subtotal)</b>	<b>\$727,425,100</b>	<b>\$727,425,100</b>	0.0%	\$0
RM 1 & Seismic Toll Revenues	\$597,732,225	\$597,732,225	0.0%	\$0
RM 2 Toll Revenues	129,692,875	129,692,875	0.0%	0
<b>Violation Revenue (subtotal)</b>	<b>\$10,000,000</b>	<b>\$10,000,000</b>	0.0%	\$0
Other Revenue (Violations)	\$10,000,000	\$10,000,000	0.0%	\$0
<b>Interest Revenue (subtotal)</b>	<b>\$12,000,000</b>	<b>\$12,000,000</b>	0.0%	\$0
RM1 Interest Earnings	\$9,600,000	\$9,600,000	0.0%	\$0
RM2 Interest Earnings	2,400,000	2,400,000	0.0%	0
<b>Reimbursement Revenue (subtotal)</b>	<b>\$9,551,000</b>	<b>\$9,551,000</b>	0.0%	\$0
GGBHTD Fastrak Reimbursement	\$6,733,000	\$6,733,000	0.0%	\$0
ACTC Reimbursement	2,220,000	2,220,000	0.0%	0
VTA 237 Express Lane Reimbursement	135,000	135,000	0.0%	0
SFO Airport Reimbursement	463,000	463,000	0.0%	0
<b>Rebate for Build America Bonds (subtotal)</b>	<b>\$71,278,791</b>	<b>\$71,278,791</b>	0.0%	\$0
Rebate for Build America Bonds	\$71,278,791	\$71,278,791	0.0%	\$0
<b>Total Current Year Revenue</b>	<b>\$830,254,891</b>	<b>\$830,254,891</b>	0.0%	\$0

**EXPENSE DETAIL**  
**BUDGET FY 2017-18**

	APPROVED BUDGET FY 2017-18	Amendment #1 FY 2017-18	Change % Inc./Dec	Change \$ Inc./Dec	
<b>Operating Expense</b>					
<b>Caltrans Operations and Maintenance (Subtotal)</b>	<b>\$28,900,000</b>	<b>\$28,900,000</b>	<b>0.0%</b>	<b>\$0</b>	
Toll Collection & Operations Services	\$23,600,000	\$23,600,000	0.0%	\$0	L6
Toll Bridge & Facility Maintenance (Category A&B)	5,300,000	5,300,000	0.0%	0	L7
Caltrans Coordination	0	0	#DIV/0!	0	L8
<b>Fastrak Operations and Maintenance (Subtotal)</b>	<b>\$47,644,500</b>	<b>\$47,662,576</b>	<b>0.0%</b>	<b>\$18,076</b>	
RCSC Operations	\$24,700,000	\$24,700,000	0.0%	\$0	L9
Banking/Credit Card Fees	13,900,000	13,900,000	0.0%	0	L10
ATCAS Facility and In-lane Maintenance	3,700,000	3,700,000	0.0%	0	L11
ATCAS Hardware/Software Maintenance	1,644,500	1,662,576	1.1%	18,076	L12
Collections Contract/DMV Expenses	3,700,000	3,700,000	0.0%	0	L13
<b>Toll Bridge Operations and Maintenance Total</b>	<b>\$76,544,500</b>	<b>\$76,562,576</b>	<b>0.0%</b>	<b>\$18,076</b>	
<b>Toll Bridge Administration (Subtotal)</b>	<b>\$31,161,970</b>	<b>\$31,577,277</b>	<b>1.3%</b>	<b>\$415,307</b>	
Salaries and Benefits	\$10,145,279	\$10,145,279	0.0%	\$0	L14
Temporary Assistance	77,078	77,078	0.0%	0	L15
Travel&Training/Printing/Memberships	406,913	406,913	0.0%	0	L16
Other	105,000	105,000	0.0%	0	L17
Financing Costs	14,512,500	14,512,500	0.0%	0	L18
Audit/Accounting/Other	2,665,200	3,080,507	15.6%	415,307	L19
Beale St Assessment	2,000,000	2,000,000	0.0%	0	L20
Business Insurance	600,000	600,000	0.0%	0	L21
Misc. Toll Administration Operating Expenses	550,000	550,000	0.0%	0	L22
CTC TBPOC Oversight Committee Reimbursement	100,000	100,000	0.0%	0	L23
<b>Consultant Contract/Other (Subtotal)</b>	<b>\$2,065,000</b>	<b>\$2,065,000</b>	<b>0.0%</b>	<b>\$0</b>	
ETC Marketing	\$900,000	\$900,000	0.0%	\$0	L24
Toll Plaza Traffic Operations Analysis	150,000	150,000	0.0%	0	L25
RM2 Project Monitoring - Capital & Ops. Program	265,000	265,000	0.0%	0	L26
BATA Contract Contingency	250,000	250,000	0.0%	0	L27
RM2 Contract Contingency	500,000	500,000	0.0%	0	L28
<b>Transfers to MTC (Subtotal)</b>	<b>\$20,604,115</b>	<b>\$21,650,779</b>	<b>5.1%</b>	<b>\$1,046,664</b>	
1% Administration	\$7,494,251	\$7,494,251	0.0%	\$0	L29
Transfer to MTC	597,300	789,459	32.2%	192,159	L30
RM2 Marketing	3,860,000	3,860,000	0.0%	0	L31
Transfer to Legal Reserve	2,450,000	3,264,505	33.2%	814,505	L32
Disaster Preparedness	40,000	80,000	100.0%	40,000	L33
Transbay Transit Terminal Maintenance	4,856,084	4,856,084	0.0%	0	L34
Transfer to SAFE	200,000	200,000	0.0%	0	L35
Transfer to ABAG SFEP	1,106,480	1,106,480	N/A	0	L36
<b>Debt Service</b>	<b>\$540,542,163</b>	<b>\$540,542,163</b>	<b>0.0%</b>	<b>\$0</b>	L37
<b>RM2 Transit Operating</b>	<b>\$45,000,000</b>	<b>\$49,283,000</b>	<b>9.5%</b>	<b>\$4,283,000</b>	L38
<b>Furniture/Equipment</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>0.0%</b>	<b>\$0</b>	L39
<b>Provision for Depreciation/Amortization</b>	<b>\$6,110,000</b>	<b>\$6,110,000</b>	<b>0.0%</b>	<b>\$0</b>	L40
<b>Total Operating Expense</b>	<b>\$722,077,748</b>	<b>\$727,840,795</b>	<b>0.8%</b>	<b>\$5,763,047</b>	



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

**Attachment B**  
**Bay Area Toll Authority**

**Other Capital Projects**

<b>Program #</b>	<b>Other Capital Projects</b>	<b>Prior Approved BATA Budget Thru FY 2017-18</b>	<b>FY 2017-18 Amendment</b>	<b>Life to Date Project Budget</b>
6840	<b>Express Lanes Projects - Total*</b>	\$ 342,186,120	\$ -	\$ 342,186,120
6953	<b>Core Capacity Challenge - Grant</b>	\$ 250,000,000	-	\$ 250,000,000

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



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

BATA Resolution No. 122  
 Date: June 28, 2017  
 W.L: 1251  
 Referred by: BATA Oversight Committee  
 Revised: 02/28/18 - BATA

Legend

**New Project Since Start FY**

	Thru 2017	2018	Adjustments	Thru 2018
Toll Bridge Rehabilitation Program	\$214,150,965	\$19,629,325	-\$780,000	\$233,000,291
Summary	\$909,828,147	\$42,937,041	\$780,000	\$953,545,189
	\$1,123,979,113	\$62,566,367	\$0	\$1,186,545,479

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2017	2018	Adjustments	Thru 2018
1	Completed	REHAB 8030	Var.	Completed/Closed Rehab Projects	Support	\$38,665,694			\$38,665,694
					Capital	\$78,636,635			\$78,636,635
					Total	\$117,302,329	\$0	\$0	\$117,302,329
2	CTR 0001	00297 REHAB 6825	SFO	Construct New Toll Operations Building***	Support	\$7,625,800			\$7,625,800
					Capital	\$0			\$0
					Total	\$7,625,800	\$0	\$0	\$7,625,800
3	CTR 0002	00394 REHAB 6814	RSR	RSR Maintenance Building***	Support	\$5,885,000			\$5,885,000
					Capital	\$4,641,000			\$4,641,000
					Total	\$10,526,000	\$0	\$0	\$10,526,000
4	CTR 0003	01090 REHAB 6828	ALL	Upgrade Existing SCADA System	Support	\$6,180,409			\$6,180,409
					Capital	\$5,597,591			\$5,597,591
					Total	\$11,778,001	\$0	\$0	\$11,778,001
5	CTR 0009	01407 REHAB 6825	SFO	Toll Plaza Median Landscaping	Support	\$720,000			\$720,000
					Capital	\$1,062,000			\$1,062,000
					Total	\$1,782,000	\$0	\$0	\$1,782,000
6	CTR 0010	0120T REHAB 6825	SFO	W4 Substation Upgrade, Foghorn Replacement	Support	\$4,335,000			\$4,335,000
				BASE	Capital	\$12,985,000			\$12,985,000
					Total	\$17,320,000	\$0	\$0	\$17,320,000
7	CTR 0012	04082 REHAB 6825	SFO	Replace Substation Equipment on WS***	Support	\$957,644			\$957,644
					Capital	\$869,782			\$869,782
					Total	\$1,827,425	\$0	\$0	\$1,827,425
8	CTR 0013	04100 REHAB 6826	SMH	Resurface Orthotropic Deck	Support	\$8,234,000		-\$275,000	\$7,959,000
				Deck Rehabilitation & 12KV Cable for Entire Bridge***	Capital	\$29,500,000		-\$1,482,000	\$28,018,000
					Total	\$37,734,000	0	-\$1,757,000	\$35,977,000
9	CTR 0014	3G460 REHAB 6828	Var.	Northern Bridge Structural Improvements***	Support	\$72,662			\$72,662
					Capital	\$0			\$0
					Total	\$72,662	\$0	\$0	\$72,662
10	CTR 0015	04224 REHAB 6826	SMH	Replace Elec Cable Hangers & Upgrade 12kV System***	Support	\$2,869,539			\$2,869,539
					Capital	\$2,777,316			\$2,777,316
					Total	\$5,646,855	0	\$0	\$5,646,855
11	CTR 0016	04225 REHAB 6827	DUM	Expansion Joint Rehabilitation***	Support	\$2,091,531			\$2,091,531
					Capital	\$2,700,672			\$2,700,672
					Total	\$4,792,203	\$0	\$0	\$4,792,203
12	CTR 0145	0120S REHAB 6825	SFO	SFOBB East Span YBITS 1	Support	\$1,640,000			\$1,640,000
				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 REHAB 6813	CAR	Replace Pier 3 Fender Structure Support and Timber Fenders at Piers 2, 3, 4***	Support	\$4,811,400			\$4,811,400
					Capital	\$17,652,449			\$17,652,449
					Total	\$22,463,849	\$0	\$0	\$22,463,849
14	CTR 0027	1G250 REHAB 6825	SFO	Replace Lighting w/ HPS Lighting System (WB)***	Support	\$714,010			\$714,010
					Capital	\$0			\$0
					Total	\$714,010	\$0	\$0	\$714,010
15	CTR 0028	1G260 REHAB 6825	SFO	Replace Lighting w/ HPS Lighting System (EB)***	Support	\$554,232			\$554,232
					Capital	\$0			\$0
					Total	\$554,232	\$0	\$0	\$554,232
16	CTR 0031	1G660 REHAB 6825	SFO	SFOBB West Span Pathway	Support	\$1,271,000			\$1,271,000
					Capital	\$0			\$0
					Total	\$1,271,000	\$0	\$0	\$1,271,000
17	CTR 0032	1G720 REHAB 6825	SFO	Eyebar Monitoring System (ES)***	Support	\$207,931			\$207,931
					Capital	\$3,431,263			\$3,431,263
					Total	\$3,639,194	\$0	\$0	\$3,639,194
18	CTR 0147	2F000 REHAB 6826	SMH	Replace Damaged Transformer and Substation***	Support	\$53,276			\$53,276
					Capital	\$204,900			\$204,900
					Total	\$258,176	\$0	\$0	\$258,176
19	CTR 0035	2G420 REHAB 6828	ALL	ATCAS II Oversight***	Support	\$202,495			\$202,495
					Capital	\$0			\$0
					Total	\$202,495	\$0	\$0	\$202,495

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA	Status		Thru 2017	2018	Adjustments	Thru 2018
20	CTR 0036	2G670 REHAB 6826	SMH	Cracked Girder Repairs***	Support Capital Total	\$2,756,322 \$4,034,364 \$6,790,687			\$2,756,322 \$4,034,364 \$6,790,687
21	CTR 0043	3G300 REHAB 6828	Var.	Replace Foghorns/Radar Beacons PID***	Support Capital Total	\$67,738 \$0 \$67,738	\$0	\$0	\$67,738 \$0 \$67,738
22	CTR 0045	3G442 REHAB 6825	SFO	Replace Seismic Dampeners (WS)	Support Capital Total	\$4,611,000 \$1,388,000 \$5,999,000	\$230,000 \$21,612,000 \$21,842,000		\$4,841,000 \$23,000,000 \$27,841,000
23	CTR 0048	3G487 REHAB 6825	SFO	Bridge Paint Part 1	Support Capital Total	\$157,200 \$0 \$157,200			\$157,200 \$0 \$157,200
24	CTR 0049	3G470 REHAB 6828	Var.	Replace travelers and Rails PIDS***	Support Capital Total	\$159,815 \$0 \$159,815	\$0	\$0	\$159,815 \$0 \$159,815
25	CTR 0051	3G480 REHAB 6828	Var.	Caltrans PSR Planning Paint Bridge Structures PID ***	Support Capital Total	\$64,164 \$0 \$64,164	\$0	\$0	\$64,164 \$0 \$64,164
26	CTR 0052	3G484 REHAB 6814	RSR	Bridge Paint (Lower Deck Only) Part 1	Support Capital Total	\$8,275,000 \$35,000,000 \$43,275,000			\$8,275,000 \$35,000,000 \$43,275,000
27	CTR 0053	3G486 REHAB 6826	SMH	Bridge Paint Part 1	Support Capital Total	\$5,267,000 \$54,000,000 \$59,267,000	\$3,356,000		\$8,623,000 \$54,000,000 \$62,623,000
28	CTR 0055	3G474 REHAB 6814	RSR	Traveler Rail Upgrades and Scaffolding Ergonomics Improvements	Support Capital Total	\$872,000 \$0 \$872,000	\$0	\$0	\$872,000 \$0 \$872,000
29	CTR 0056	4A860 REHAB 6825	SFO	Repair Timber Fender at W5***	Support Capital Total	\$335,109 \$1,429,316 \$1,764,424			\$335,109 \$1,429,316 \$1,764,424
30	CTR 0057	4G280 REHAB 6825	SFO	Toll Plaza Renovation Oversight***	Support Capital Total	\$352,488 \$0 \$352,488			\$352,488 \$0 \$352,488
31	CTR 0058	4G290 REHAB 6825	SFO	Toll Plaza Crash Cushion and Pump Station Oversight ***	Support Capital Total	\$396,591 \$0 \$396,591			\$396,591 \$0 \$396,591
32	CTR 0059	91206 REHAB 8629	ALL	OSM Rehab Planning***	Support Capital Total	\$158,660 \$0 \$158,660			\$158,660 \$0 \$158,660
33	CTR 0060	91207 REHAB 6828	Var.	Caltrans Capital Coordination	Support Capital Total	\$6,241,000 \$0 \$6,241,000	\$900,000		\$7,141,000 \$0 \$7,141,000
34	CTR 0061	93030 REHAB 6828	ALL	Toll Bridge Inspections	Support Capital Total	\$20,600,000 \$0 \$20,600,000	\$3,700,000		\$24,300,000 \$0 \$24,300,000
35	CTR 0062	93870 REHAB 6828	ALL	Base Security	Support Capital Total	\$10,500,000 \$0 \$10,500,000	\$1,700,000		\$12,200,000 \$0 \$12,200,000
36	CTR 0235	TBD REHAB 6828	Var.	Structural Steel Paint by State Forces	Support Capital Total	\$0 \$0 \$0	\$6,000,000		\$6,000,000 \$0 \$6,000,000
37	CTR 0064	97037 REHAB 8033	ANT	Toll Plaza Rehab Projects***	Support Capital Total	\$0 \$179,979 \$179,979			\$0 \$179,979 \$179,979
38	CTR 0065	97047 REHAB 8033	SFO	Toll Plaza Rehab Projects***	Support Capital Total	\$0 \$3,386 \$3,386			\$0 \$3,386 \$3,386
39	CTR 0069	97708 REHAB 6828	Var.	Caltrans ETC Traffic Operations Support	Support Capital Total	\$6,150,000 \$0 \$6,150,000	\$400,000		\$6,550,000 \$0 \$6,550,000
40	CTR 0078	3G462 REHAB 6812	BM	Floor Beam Mitigation Phase 1 (Modification of stringer floor beams due to fatigue cracking and Bearing Shear Bolts	Support Capital Total	\$1,616,000 \$900,000 \$2,516,000	\$156,000	\$150,000 \$282,000 \$432,000	\$1,922,000 \$1,182,000 \$3,104,000
41	CTR 0084	CTR 0084 REHAB 6812	BM	Floor Beam Mitigation Phase 2	Support Capital Total	\$0 \$0 \$0			\$0 \$0 \$0
42	CTR 0088	3G403 REHAB 6813	CAR	Anchorage Modification, Drainage Improvements, Polyester Concrete Overlay (1958) and Ped Replace Joint Seals (1958)	Support Capital Total	\$3,086,000 \$9,200,000 \$12,286,000	\$736,000		\$3,822,000 \$9,200,000 \$13,022,000
43	CTR 0097	3G305 REHAB 6828	Var.	Replace Fog Horns, Radar Beacons and Related Electrical Systems on Southern Bridges	Support Capital Total	\$2,594,000 \$4,500,000 \$7,094,000			\$2,594,000 \$4,500,000 \$7,094,000
44	CTR 0107	3G364	RSR	Substations Upgrade	Support	\$1,903,000			\$1,903,000

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA			Thru 2017	2018	Adjustments	Thru 2018
		REHAB 6814			Capital	\$6,700,000	\$1,800,000		\$8,500,000
					Total	\$8,603,000	\$1,800,000	\$0	\$10,403,000
45	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
46	CTR 0120	3G444	SFO	Main Cable Wrap Investigations Phase 1	Support	\$423,000			\$423,000
		REHAB 6825			Capital	\$0	4000000		\$4,000,000
					Total	\$423,000	4000000	\$0	\$4,423,000
47	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
48	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
49	CTR 0128	CTR 0128	SFO	Main Cable Wrap Investigations Phase 2	Support	\$0			\$0
		REHAB 6825			Capital	\$0			\$0
					Total	\$0	\$0	\$0	\$0
50	CTR 0129	3G457	SFO	SFOBB - Replace Joint Seals (Upper & Lower Deck);	Support	\$2,735,000	\$770,000		\$3,505,000
		REHAB 6825		RSR - Replace Joint Seals (Upper Deck) and Resurfacing	Capital	\$6,423,878			\$6,423,878
					Total	\$9,158,878	\$770,000	\$0	\$9,928,878
51	CTR 0134	4H970	SFO	Gateway Park Oversight	Support	\$1,910,000			\$1,910,000
		REHAB 6825		and Link (4H971) PAED	Capital	\$0			\$0
					Total	\$1,910,000	\$0	\$0	\$1,910,000
52	CTR 0147	01408	SFO	SFOBB Maintenance Complex	Support	\$2,864,000			\$2,864,000
		REHAB 6825		Maintenance Complex	Capital	\$38,600,000			\$38,600,000
					Total	\$41,464,000	\$0	\$0	\$41,464,000
53	CTR 0148	01410	SFO	SFOBB Maintenance Complex	Support	\$0			\$0
		REHAB 6825		Maintenance Warehouse	Capital	\$17,900,000			\$17,900,000
				Phase 2	Total	\$17,900,000	\$0	\$0	\$17,900,000
54	CTR 0151	3G443	SFO	Replace Grating Shields and Access Ladders***	Support	\$1,953,000			\$1,953,000
		REHAB 6825			Capital	\$1,822,122			\$1,822,122
					Total	\$3,775,122	\$0	\$0	\$3,775,122
55	CTR 0152	0120M	SFO	Toll Plaza Repaving	Support	\$825,782			\$825,782
		REHAB 6825			Capital	\$7,462,218			\$7,462,218
					Total	\$8,288,000	\$0	\$0	\$8,288,000
56	CTR 0153	1G310	SFO	Toll Plaza Repaving***	Support	\$0			\$0
		REHAB 6825			Capital	\$1,800,000	-\$197,714		\$1,602,286
					Total	\$1,800,000	-\$197,714	\$0	\$1,602,286
57	CTR 0154	3G440	SFO	Various Structural PIDS***	Support	\$159,900			\$159,900
		REHAB 6825			Capital	\$0			\$0
					Total	\$159,900	\$0	\$0	\$159,900
58	CTR 0155	3G450	VAR	Bridge Joint Seals***	Support	\$57,611			\$57,611
		REHAB 6828			Capital	\$0			\$0
					Total	\$57,611	\$0	\$0	\$57,611
59	CTR 0156	3G390	VAR	Bridge Lighting***	Support	\$99,415			\$99,415
		REHAB 6828			Capital	\$0			\$0
					Total	\$99,415	\$0	\$0	\$99,415
60	CTR 0157	3G400	VAR	Bridge Overlays***	Support	\$134,556			\$134,556
		REHAB 6828			Capital	\$0			\$0
					Total	\$134,556	\$0	\$0	\$134,556
61	CTR 0158	0120F	SFOBB	East Span Base	Support	\$0			\$0
		REHAB 6825			Capital	\$1,965,000			\$1,965,000
					Total	\$1,965,000	\$0	\$0	\$1,965,000
62	CTR 0159	2J870	SFOBB	West Span BASE	Support	\$588,000			\$588,000
		REHAB 6825			Capital	\$9,500,000			\$9,500,000
					Total	\$10,088,000	\$0	\$0	\$10,088,000
63	CTR 0160	4H180	SFOBB	Refill Seismic Dampeners***	Support	\$22,052			\$22,052
		REHAB 6825			Capital	\$252,546			\$252,546
					Total	\$274,597	\$0	\$0	\$274,597
64	CTR 0163	3G447	SFOBB	Rebuild Damaged Fender System ***	Support	\$238,798			\$238,798
		REHAB 6825		W6	Capital	\$772,842			\$772,842
					Total	\$1,011,640	\$0	\$0	\$1,011,640
65	CTR 0182	3G478	Var	PID - Water Line System	Support	\$194,000	-\$693		\$193,307
		REHAB 6828		Air Compressor, Airlines***	Capital	\$0			\$0
					Total	\$194,000	-\$693	\$0	\$193,307
66	CTR 0201	0J120	RSR	Replace Expansion Joint at Pier 44E***	Support	\$68,600			\$68,600
		REHAB 6814			Capital	\$270,000			\$270,000
					Total	\$338,600	\$0	\$0	\$338,600
67	CTR 0202	0J870	SFO	Install Air Gap Monitoring System***	Support	\$127,000	-\$31,006		\$95,994
		REHAB 6825			Capital	\$210,000	-\$81,245		\$128,755
					Total	\$337,000	-\$112,251	\$0	\$224,749
68	CTR 0203	3G360	Var.	Replace Various Navigational and Utility Equipment	Support	\$127,650	-\$1		\$127,649
		REHAB		Supplemental PID***	Capital	\$0			\$0

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA	Status		Thru 2017	2018	Adjustments	Thru 2018
		6828			Total	\$127,650	-\$1	\$0	\$127,649
69	CTR 0204	3G301	Var.	Replace Fog Horns, Radar Beacons and	Support	\$1,040,000			\$1,040,000
		REHAB		Related Electrical Systems on Northern Bridges	Capital	\$0			\$0
		6828			Total	\$1,040,000	\$0	\$0	\$1,040,000
70	CTR 0206	2J680	RSR	RSR Access – PPUL Oversight	Support	\$2,358,000	\$1,060,000		\$3,418,000
		REHAB			Capital	\$0			\$0
		6814			Total	\$2,358,000	\$1,060,000	\$0	\$3,418,000
71	CTR 0212	3G368	Var	Substation and Power Cable	Support	\$250,000			\$250,000
		REHAB			Capital	\$0			\$0
		6828			Total	\$250,000	\$0	\$0	\$250,000
72	CTR 0213	01412	SFO	CT Oversight of Bridge Yard	Support	\$276,198	\$0		\$276,198
		REHAB		(IERBYS Building Slab)***	Capital	\$0			\$0
		6825			Total	\$276,198	\$0	\$0	\$276,198
73	CTR 0214	01413	SFO	CT Oversight of Bridge Yard	Support	\$423,802	\$52,376		\$476,178
		REHAB		(IERBYS Building Retrofit)***	Capital	\$0			\$0
		6825			Total	\$423,802	\$52,376	\$0	\$476,178
74	CTR 0215	2J190	SFO	Replace transverse expansion joints ***	Support	\$1,309,010			\$1,309,010
		REHAB		West Span	Capital	\$1,944,698			\$1,944,698
		6825			Total	\$3,253,708	\$0	\$0	\$3,253,708
75	CTR 0216	2J410	CARQ	AI Zampa (CARQ) Joint Repair ***	Support	\$146,672			\$146,672
		REHAB			Capital	\$183,592			\$183,592
		6813			Total	\$330,265	\$0	\$0	\$330,265
76	CTR 0217	2J400	SFO	1-880 Overhead Signage and Delineation Upgrade	Support	\$40,000	\$6,649		\$46,649
		REHAB		Oversight***	Capital	\$0			\$0
		6825			Total	\$40,000	\$6,649	\$0	\$46,649
77	CTR 0219	0K220	SFO	Metering Lights Upgrade Oversight	Support	\$366,000			\$366,000
		REHAB			Capital	\$0			\$0
		6825			Total	\$366,000	0	\$0	\$366,000
78	CTR 0222	TBD	SFO	SFOBB Maintenance Administration	Support	\$0			\$0
		REHAB			Capital	\$1,000,000			\$1,000,000
		6825			Total	\$1,000,000	\$0	\$0	\$1,000,000
79	CTR 0225	4J710	RSR	RSR Access - Bike Ped Oversight	Support	\$637,000	\$300,000		\$937,000
		REHAB			Capital	\$0			\$0
		6814			Total	\$637,000	\$300,000	\$0	\$937,000
80	CTR 0226	1K450	SFO	Roof Repairs at Sterling Substation	Support	\$72,000			\$72,000
		REHAB		Minor Rehab***	Capital	\$120,000			\$120,000
		8033			Total	\$192,000	\$0	\$0	\$192,000
81	CTR 0227	1K470	SMH	Roof Repairs at toll admin building (Toll Plaza)	Support	\$60,000	\$0		\$60,000
		REHAB		Minor Rehab***	Capital	\$100,000			\$100,000
		8033			Total	\$160,000	\$0	\$0	\$160,000
82	CTR 0228	1K460	BM	Bird abatement at Benicia Toll Plaza	Support	\$150,000			\$150,000
		REHAB		Minor Rehab	Capital	\$250,000			\$250,000
		8033			Total	\$400,000	\$0	\$0	\$400,000
83	CTR 0229	0K691	SFO	Install Grease Caps and Repair Pre-stress Tendons	Support	\$1,200,000			\$1,200,000
		REHAB		East Span- Director's Order	Capital	\$3,460,000			\$3,460,000
		6825			Total	\$4,660,000	\$0	\$0	\$4,660,000
84	CTR 0230	3G482	BM	Repair Seismic Joint - Pier 3	Support	\$120,000			\$120,000
		REHAB		Director's Order	Capital	\$291,000			\$291,000
		6812			Total	\$411,000	\$0	\$0	\$411,000
85	CTR 0231	TBD	RSR	Replace Aircraft Beacon, Fog Horns, Radar Beacons and	Support	\$0			\$0
		REHAB		Related Electrical Systems and connect with SCADA	Capital	\$0			\$0
		6814			Total	\$0	\$0	\$0	\$0
86	CTR 0232	2K960	SFO	YBI Tunnel Concrete Repair	Support	\$600,000		\$95,000	\$695,000
		REHAB		Director's Order	Capital	\$1,400,000		\$180,000	\$1,580,000
		6825			Total	\$2,000,000	\$0	\$275,000	\$2,275,000
87	CTR 0233	3G445	SFO	Fender Repair	Support	\$1,950,000			\$1,950,000
		REHAB		Director's Order	Capital	\$3,450,000			\$3,450,000
		6825			Total	\$5,400,000	\$0	\$0	\$5,400,000
88	CTR 0234	2K560	SFO	Repair SFOBB Seismic Dampers	Support	\$100,000			\$100,000
		REHAB		Director's Order	Capital	\$291,000			\$291,000
		6825			Total	\$391,000	\$0	\$0	\$391,000
89	CTR 0236	TBD	CARQ	Replacement Study Old Bridge	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6813			Total	\$0	\$0	\$0	\$0
90	CTR 0237	TBD	RSR	Replacement Study Old Bridge	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6814			Total	\$0	\$0	\$0	\$0
91	CTR 0238	TBD	BM	Replace Fog Horns, Radar Beacons and	Support	\$0			\$0
		REHAB		Related Electrical Systems and connect with SCADA	Capital	\$0			\$0
		6812			Total	\$0	\$0	\$0	\$0
92	CTR 0239	TBD	SFO	Replace Aircraft Beacon, Fog Horns, Radar Beacons	Support	\$0			\$0
		REHAB		and Related Electrical Systems and connect with SCADA	Capital	\$0			\$0
		6825			Total	\$0	\$0	\$0	\$0

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA	Status		Thru 2017	2018	Adjustments	Thru 2018
93	CTR 0240	TBD	CARQ	Replace Radar Beacons and Related Electrical Systems	Support	\$0			\$0
		REHAB		and connect with SCADA	Capital	\$0			\$0
		6813			Total	\$0	\$0	\$0	\$0
94	CTR 0241	TBD	RSR	Concrete Column Repair	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6814			Total	\$0	\$0	\$0	\$0
95	CTR 0242	TBD	SMH	Replace and Upgrade Navigational Lights to LED	Support	\$0			\$0
		REHAB		and connect it with SCADA	Capital	\$0			\$0
		6826			Total	\$0	\$0	\$0	\$0
96	CTR 0243	TBD	SFO	Replace Fender System and Skirt Modifications	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6825			Total	\$0	\$0	\$0	\$0
97	CTR 0244	TBD	RSR	Structural Steel Painting (Lower Deck, Towers)	Support	\$0			\$0
		REHAB		2nd Phase	Capital	\$0			\$0
		6814			Total	\$0	\$0	\$0	\$0
98	CTR 0245	OP560	Var.	Director's Order - Install BASE radio links	Support	\$0		\$300,000	\$300,000
		REHAB			Capital	\$0		\$750,000	\$750,000
		6828			Total	\$0	\$0	\$1,050,000	\$1,050,000
99	CTR 0246	00470	SFOBB	Director's Order - East Span Skyway Polyester Concrete	Support	\$0		\$90,000	\$90,000
		REHAB		Overlay Repairs	Capital	\$0		\$200,000	\$200,000
		6825			Total	\$0	\$0	\$290,000	\$290,000
100	CTR Res	CTR Res	Var.	Caltrans Program Contingency	Support	\$318,000		-\$290,000	\$28,000
		REHAB			Capital	\$0		\$0	\$0
		6829			Total	\$318,000	\$0	-\$290,000	\$28,000
101	880/92	2G361	880/92	Landscaping**	Support	\$1,160,000			\$1,160,000
		RM1			Capital	\$1,800,000			\$1,800,000
		8615			Total	\$2,960,000	\$0	\$0	\$2,960,000
102	880/92	2G362	880/92	Landscaping**	Support	\$836,000			\$836,000
		RM1			Capital	\$0			\$0
		8615			Total	\$836,000	\$0	\$0	\$836,000
103	BM	0060A	BM	Modification to 1962 Bridge**	Support	\$6,211			\$6,211
		RM1		***	Capital	\$0			\$0
		8210			Total	\$6,211	\$0	\$0	\$6,211
104	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
105	CAR	0130J	CAR	Site Mitigation 3**	Support	\$150,000			\$150,000
		RM1		***	Capital	\$0			\$0
		8315			Total	\$150,000	\$0	\$0	\$150,000
106	CAR	0130K	CAR	Misc Landscaping**	Support	\$4,177			\$4,177
		RM1		***	Capital	\$0			\$0
		8315			Total	\$4,177	\$0	\$0	\$4,177
107	880/92	01601	880/92	880/92 Interchange**	Support	\$344,000			\$344,000
		RM1		***	Capital	\$2,500,000			\$2,500,000
		8615			Total	\$2,844,000	\$0	\$0	\$2,844,000
108	SMH	27790	SMH	Bay Trail Improvement**	Support	\$0			\$0
		RM1			Capital	\$115,000			\$115,000
		8637			Total	\$115,000	\$0	\$0	\$115,000
109	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
110	BR 0002	8539	BATA	SFOBB Eyebar Review***	Support	\$2,914,000			\$2,914,000
		REHAB			Capital	\$0			\$0
					Total	\$2,914,000	\$0	\$0	\$2,914,000
111	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
112	BR 0004	8909	BATA	Gateway Park	Support	\$1,273,000			\$1,273,000
		REHAB			Capital	\$28,840,000			\$28,840,000
					Total	\$30,113,000	\$0	\$0	\$30,113,000
113	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
114	BR 0006	8918	BATA	SFOBB Maintenance Complex	Support	\$0			\$0
		REHAB			Capital	\$531,000			\$531,000
					Total	\$531,000	\$0	\$0	\$531,000
115	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
116	BR 0009	8922	BATA	Metering Lights Upgrade	Support	\$0			\$0
		REHAB			Capital	\$8,930,000			\$8,930,000
					Total	\$8,930,000	\$0	\$0	\$8,930,000
117	BR 0010	8920	BATA	SFO Plaza and Canopy Improvements***	Support	\$3,991,000			\$3,991,000



Line No.	Project No.	EA	Bridge	Description					
		Program	CCA			Thru 2017	2018	Adjustments	Thru 2018
		REHAB			Capital	\$5,272,000			\$5,272,000
					Total	\$9,263,000	\$0	\$0	\$9,263,000
118	BR 0011	8923	BATA	Bridge Documentation	Support	\$0			\$0
		REHAB			Capital	\$500,000			\$500,000
					Total	\$500,000	\$0	\$0	\$500,000
119	BR 0013	8602	BATA	Hybrid/ETC Lane Modifications***	Support	\$0			\$0
		REHAB			Capital	\$874,000			\$874,000
					Total	\$874,000	\$0	\$0	\$874,000
120	BR 0014	8907	BATA	Toll Plaza Maintenance Agreement	Support	\$350,000			\$350,000
		REHAB			Capital	\$18,098,000	\$3,500,000		\$21,598,000
					Total	\$18,448,000	\$3,500,000	\$0	\$21,948,000
121	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
122	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
123	BR 0018	8901	BATA	Ongoing Toll Tag Procurement	Support	\$0			\$0
		REHAB			Capital	\$70,931,395	5000000		\$75,931,395
					Total	\$70,931,395	\$5,000,000	\$0	\$75,931,395
124	BR 0019	8902	BATA	2012 CSC Procurement	Support	\$0			\$0
		REHAB			Capital	\$19,450,000	\$500,000		\$19,950,000
					Total	\$19,450,000	500000	\$0	\$19,950,000
125	BR 0020	8903	BATA	Future Lane/Host Upgrades and Replacement	Support	\$0			\$0
		REHAB		(ATCAS)	Capital	\$33,605,000			\$33,605,000
					Total	\$33,605,000	0	\$0	\$33,605,000
126	BR 0021	8904	BATA	FasTrak Sign and Sign Structure Improvements	Support	\$1,000,000			\$1,000,000
		REHAB		(Strategic Plan)	Capital	\$28,510,130			\$28,510,130
					Total	\$29,510,130	\$0	\$0	\$29,510,130
127	BR 0022	8905	BATA	Misc Bridge Improvements	Support	\$400,000			\$400,000
		REHAB			Capital	\$9,999,000		-\$1,200,000	\$8,799,000
					Total	\$10,399,000	\$0	-\$1,200,000	\$9,199,000
128	BR 0023	8908	BATA	BATA Technology Infrastructure	Support	\$0			\$0
		REHAB		(HW, SW, NETWORK)	Capital	\$4,035,000			\$4,035,000
					Total	\$4,035,000	\$0	\$0	\$4,035,000
129	BR 0025	8912	BATA	Tag Inventory Conversion	Support	\$200,000			\$200,000
		REHAB		(Upgrade Technology)***	Capital	\$1,936,500			\$1,936,500
					Total	\$2,136,500	\$0	\$0	\$2,136,500
130	BR 0026	8914	BATA	Violation Enforcement System***	Support	\$0			\$0
		REHAB			Capital	\$7,842,000			\$7,842,000
					Total	\$7,842,000	\$0	\$0	\$7,842,000
131	BR 0027	8916	BATA	Bay Crossing Study***	Support	\$540,000			\$540,000
		REHAB			Capital	\$0			\$0
					Total	\$540,000	\$0	\$0	\$540,000
132	BR 0028	8917	BATA	BATA Technology Security	Support	\$0			\$0
		REHAB		Review and Implementation	Capital	\$750,000			\$750,000
					Total	\$750,000	\$0	\$0	\$750,000
133	BR 0029	8926	BATA	Bridge Modeling and Investigations	Support	\$2,000,000			\$2,000,000
		REHAB			Capital	\$3,801,198			\$3,801,198
					Total	\$5,801,198	\$0	\$0	\$5,801,198
134	BR 0030	8000-16	BATA	Program Monitoring	Support	\$0			\$0
		REHAB			Capital	\$46,044,709			\$46,044,709
					Total	\$46,044,709	\$0	\$0	\$46,044,709
135	BR 0031	8000-05	BATA	Capital Program Audits	Support	\$0			\$0
		REHAB			Capital	\$8,300,000			\$8,300,000
					Total	\$8,300,000	\$0	\$0	\$8,300,000
136	BR 0033	8927	BATA	CCTV Installation	Support	\$850,000		-\$850,000	\$0
		REHAB			Capital	\$5,150,000		-\$5,150,000	\$0
					Total	\$6,000,000	\$0	-\$6,000,000	\$0
137	BR 0034	8924	BATA	Antioch Bridge	Support	\$0			\$0
		REHAB		CCTA 160/4 Interchange	Capital	\$50,000,000			\$50,000,000
					Total	\$50,000,000	\$0	\$0	\$50,000,000
138	BR 0035	8930	BATA	Richmond-San Rafael Bridge	Support	\$1,200,000	294000		\$1,494,000
		REHAB		I-580 Access Improvements	Capital	\$64,590,000	3144000	\$9,700,000	\$77,434,000
					Total	\$65,790,000	\$3,438,000	\$9,700,000	\$78,928,000
139	BR 0038	8937	BATA	Future CSC Procurement	Support	\$0			\$0
		REHAB			Capital	\$1,500,000	\$1,500,000		\$3,000,000
					Total	\$1,500,000	\$1,500,000	\$0	\$3,000,000
140	BR 0039	8933	BATA	Plan Bay Area TMS	Support	\$0			\$0
		REHAB			Capital	\$9,000,000			\$9,000,000
					Total	\$9,000,000	\$0	\$0	\$9,000,000
141	BR 0040	8012	BATA	All Electronic Tolling Study	Support	\$0			\$0
		REHAB			Capital	\$703,000			\$703,000

Line No.	Project No.	EA	Bridge	Description					
		Program	CCA	Status		Thru 2017	2018	Adjustments	Thru 2018
					Total	\$703,000	\$0	\$0	\$703,000
142	BR 0041	8934	BATA	Temporary License Plate System Implementation	Support	\$0			\$0
		REHAB			Capital	\$500,000			\$500,000
					Total	\$500,000	\$0	\$0	\$500,000
143	BR 0042	8935	BATA	Communications in Bridge Corridors	Support	\$0			\$0
		REHAB			Capital	\$2,500,000		-\$2,500,000	\$0
					Total	\$2,500,000	\$0	-\$2,500,000	\$0
144	BR 0043	8936	BATA	Backhaul Connection Infrastructure	Support	\$0			\$0
		REHAB			Capital	\$1,000,000			\$1,000,000
					Total	\$1,000,000	\$0	\$0	\$1,000,000
145	BR 0044	8540	BATA	Regional Transportation Sea Level Rise Asset	Support	\$0			\$0
		REHAB			Capital	\$2,000,000			\$2,000,000
					Total	\$2,000,000	\$0	\$0	\$2,000,000
146	BR 0045	8530	BATA	Drainage studies for the Bridges	Support	\$0			\$0
		REHAB			Capital	\$500,000			\$500,000
					Total	\$500,000	\$0	\$0	\$500,000
147	BR 0046	8528	BATA	Bay Lights Maintenance	Support	\$0			\$0
		REHAB			Capital	\$320,000	\$160,000		\$480,000
					Total	\$320,000	\$160,000	\$0	\$480,000
148	BR 0047	8938	BATA	Misc East Span Project Improvements	Support	\$0			\$0
		REHAB			Capital	\$12,083,854			\$12,083,854
					Total	\$12,083,854	\$0	\$0	\$12,083,854
149	BR 0048	BR 0048	BATA	Asset Management	Support	\$0			\$0
		REHAB			Capital	\$0	\$2,000,000		\$2,000,000
					Total	\$0	\$2,000,000	\$0	\$2,000,000
150	BR Res	8928	Var.	BATA Program Contingency	Support	\$0			\$0
		REHAB		RM1 Closeout	Capital	\$3,258,612			\$3,258,612
					Total	\$3,258,612	\$0	\$0	\$3,258,612

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

		Thru 2017	2018	Adjustments	Thru 2018
Toll Bridge Rehabilitation Program	Support	\$214,650,965	\$19,629,325	-\$780,000	\$233,000,291
Summary	Capital	\$909,328,147	\$42,937,041	\$780,000	\$953,545,189
	Total	\$1,123,979,113	\$62,566,367	\$0	\$1,186,545,479
Caltrans Rehabilitation Program	Support	\$191,503,965	\$19,335,325	\$70,000	\$210,409,290
Summary	Capital	\$403,892,550	\$27,133,041	-\$70,000	\$431,615,591
	Total	\$595,396,515	\$46,468,367	\$0	\$642,024,881
BATA Rehabilitation Program	Support	\$23,147,000	\$294,000	-\$850,000	\$22,591,000
Summary	Capital	\$505,435,598	\$15,804,000	\$850,000	\$521,929,598
	Total	\$528,582,598	\$16,098,000	\$0	\$544,520,598



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

BATA Resolution No. 122  
 Date: June 28, 2017  
 W.I.: 1251  
 Referred by: BATA Oversight Committee  
 Revised: 02/28/18 - BATA

Legend  
 New Project Since Start FY

		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Toll Bridge Rehabilitation Program	Support	\$214,150,965	\$18,849,325	\$18,572,000	\$19,750,000	\$19,000,000	\$18,950,000	\$20,200,000	\$14,300,000	\$18,200,000	\$23,300,000	\$17,600,000	\$402,872,291
Summary	Capital	\$909,828,147	\$43,717,041	\$45,160,000	\$40,860,000	\$41,560,000	\$47,055,000	\$42,060,000	\$44,760,000	\$47,260,000	\$38,860,000	\$50,060,000	\$1,351,180,189
	Total	\$1,123,979,113	\$62,566,367	\$63,732,000	\$60,610,000	\$60,560,000	\$66,005,000	\$62,260,000	\$59,060,000	\$65,460,000	\$62,160,000	\$67,660,000	\$1,754,052,479

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
1	Completed		Var.	Completed/Closed Rehab Projects	Support	\$38,665,694											\$38,665,694
		REHAB 8030			Capital	\$78,636,635											\$78,636,635
					Total	\$117,302,329	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$117,302,329
2	CTR 0001	00297	SFO	Construct New Toll Operations Building***	Support	\$7,625,800											\$7,625,800
		REHAB 6825			Capital	\$0											\$0
					Total	\$7,625,800	\$0	\$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	\$5,597,591											\$5,597,591
					Total	\$11,778,001	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,778,001
5	CTR 0009	01407	SFO	Toll Plaza Median Landscaping	Support	\$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	01207	SFO	W4 Substation Upgrade, Foghorn Replacement,	Support	\$4,335,000											\$4,335,000
		REHAB 6825	BASE		Capital	\$12,985,000											\$12,985,000
					Total	\$17,320,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,320,000
7	CTR 0012	04082	SFO	Replace Substation Equipment on WS***	Support	\$957,644											\$957,644
		REHAB 6825			Capital	\$869,782											\$869,782
					Total	\$1,827,425	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,827,425
8	CTR 0013	04100	SMH	Resurface Orthotropic Deck	Support	\$8,234,000	-\$275,000										\$7,959,000
		REHAB 6826		Deck Rehabilitation & 12KV Cable for Entire Bridge***	Capital	\$29,500,000	-\$1,482,000										\$28,018,000
					Total	\$37,734,000	-\$1,757,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35,977,000
9	CTR 0014	3G460	Var.	Northern Bridge Structural Improvements***	Support	\$72,662											\$72,662
		REHAB 6828			Capital	\$0											\$0
					Total	\$72,662	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$72,662
10	CTR 0015	04224	SMH	Replace Elec Cable Hangers & Upgrade 12kV System***	Support	\$2,869,539											\$2,869,539
		REHAB 6826			Capital	\$2,777,316											\$2,777,316
					Total	\$5,646,855	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,646,855
11	CTR 0016	04225	DUM	Expansion Joint Rehabilitation***	Support	\$2,091,531											\$2,091,531
		REHAB 6827			Capital	\$2,700,672											\$2,700,672
					Total	\$4,792,203	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,792,203
12	CTR 0145	01205	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



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

BATA Resolution No. 122  
 Date: June 28, 2017  
 W.I.: 1251  
 Referred by: BATA Oversight Committee  
 Revised: 02/28/18 - BATA

Legend  
 New Project Since Start FY

		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Toll Bridge Rehabilitation Program	Support	\$214,150,965	\$18,849,325	\$18,572,000	\$19,750,000	\$19,000,000	\$18,950,000	\$20,200,000	\$14,300,000	\$18,200,000	\$23,300,000	\$17,600,000	\$402,872,291
Summary	Capital	\$909,828,147	\$43,717,041	\$45,160,000	\$40,860,000	\$41,560,000	\$47,055,000	\$42,060,000	\$44,760,000	\$47,260,000	\$38,860,000	\$50,060,000	\$1,351,180,189
	Total	\$1,123,979,113	\$62,566,367	\$63,732,000	\$60,610,000	\$60,560,000	\$66,005,000	\$62,260,000	\$59,060,000	\$65,460,000	\$62,160,000	\$67,660,000	\$1,754,052,479

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
13	CTR 0018	04907	CAR	Replace Pier 3 Fender Structure Support and	Support	\$4,811,400											\$4,811,400
		REHAB		Timber Fenders at Piers 2, 3, 4***	Capital	\$17,652,449											\$17,652,449
		6813			Total	\$22,463,849	\$0	\$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			Capital	\$0											\$0
		6825			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			Capital	\$0											\$0
		6825			Total	\$554,232	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$554,232
16	CTR 0031	1G660	SFO	SFOBB West Span Pathway	Support	\$1,271,000											\$1,271,000
		REHAB			Capital	\$0											\$0
		6825			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			Capital	\$3,431,263											\$3,431,263
		6825			Total	\$3,639,194	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,639,194
18	CTR 0147	2F000	SMH	Replace Damaged Transformer and Substation***	Support	\$53,276											\$53,276
		REHAB			Capital	\$204,900											\$204,900
		6826			Total	\$258,176	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$258,176
19	CTR 0035	2G420	ALL	ATCAS II Oversight***	Support	\$202,495											\$202,495
		REHAB			Capital	\$0											\$0
		6828			Total	\$202,495	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$202,495
20	CTR 0036	2G670	SMH	Cracked Girder Repairs***	Support	\$2,756,322											\$2,756,322
		REHAB			Capital	\$4,034,364											\$4,034,364
		6826			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
		REHAB			Capital	\$0											\$0
		6828			Total	\$67,738	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$67,738
22	CTR 0045	3G442	SFO	Replace Seismic Dampeners (WS)	Support	\$4,611,000	\$230,000	\$1,000,000									\$5,841,000
		REHAB			Capital	\$1,388,000	\$21,612,000										\$23,000,000
		6825			Total	\$5,999,000	\$21,842,000	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,841,000
23	CTR 0048	3G487	SFO	Bridge Paint	Support	\$157,200											\$157,200
		REHAB		Part 1	Capital	\$0											\$0
		6825			Total	\$157,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$157,200
24	CTR 0049	3G470	Var.	Replace travelers and Rails PIDS***	Support	\$159,815											\$159,815
		REHAB			Capital	\$0											\$0
		6828			Total	\$159,815	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$159,815



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

BATA Resolution No. 122  
 Date: June 28, 2017  
 W.I.: 1251  
 Referred by: BATA Oversight Committee  
 Revised: 02/28/18 - BATA

Legend  
 New Project Since Start FY

		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Toll Bridge Rehabilitation Program	Support	\$214,150,965	\$18,849,325	\$18,572,000	\$19,750,000	\$19,000,000	\$18,950,000	\$20,200,000	\$14,300,000	\$18,200,000	\$23,300,000	\$17,600,000	\$402,872,291
Summary	Capital	\$909,828,147	\$43,717,041	\$45,160,000	\$40,860,000	\$41,560,000	\$47,055,000	\$42,060,000	\$44,760,000	\$47,260,000	\$38,860,000	\$50,060,000	\$1,351,180,189
	Total	\$1,123,979,113	\$62,566,367	\$63,732,000	\$60,610,000	\$60,560,000	\$66,005,000	\$62,260,000	\$59,060,000	\$65,460,000	\$62,160,000	\$67,660,000	\$1,754,052,479

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
25	CTR 0051	3G480	Var.	Caltrans PSR Planning	Support	\$64,164											\$64,164
		REHAB		Paint Bridge Structures PID ***	Capital	\$0											\$0
		6828			Total	\$64,164	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$64,164
26	CTR 0052	3G484	RSR	Bridge Paint	Support	\$8,275,000											\$8,275,000
		REHAB		(Lower Deck Only)	Capital	\$35,000,000											\$35,000,000
		6814		Part 1	Total	\$43,275,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$43,275,000
27	CTR 0053	3G486	SMH	Bridge Paint	Support	\$5,267,000	\$3,356,000	\$2,000,000	\$1,800,000								\$12,423,000
		REHAB		Part 1	Capital	\$54,000,000											\$54,000,000
		6826			Total	\$59,267,000	\$3,356,000	\$2,000,000	\$1,800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$66,423,000
28	CTR 0055	3G474	RSR	Traveler Rail Upgrades and	Support	\$872,000											\$872,000
		REHAB		Scaffolding Ergonomics Improvements	Capital	\$0											\$0
		6814			Total	\$872,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$872,000
29	CTR 0056	4A860	SFO	Repair Timber Fender at W5***	Support	\$335,109											\$335,109
		REHAB			Capital	\$1,429,316											\$1,429,316
		6825			Total	\$1,764,424	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,764,424
30	CTR 0057	4G280	SFO	Toll Plaza Renovation Oversight***	Support	\$352,488											\$352,488
		REHAB			Capital	\$0											\$0
		6825			Total	\$352,488	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$352,488
31	CTR 0058	4G290	SFO	Toll Plaza Crash Cushion and Pump Station	Support	\$396,591											\$396,591
		REHAB		Oversight ***	Capital	\$0											\$0
		6825			Total	\$396,591	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$396,591
32	CTR 0059	91206	ALL	OSM Rehab Planning***	Support	\$158,660											\$158,660
		REHAB			Capital	\$0											\$0
		8629			Total	\$158,660	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$158,660
33	CTR 0060	91207	Var.	Caltrans Capital Coordination	Support	\$6,241,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$15,241,000
		REHAB			Capital	\$0											\$0
		6828			Total	\$6,241,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$15,241,000
34	CTR 0061	93030	ALL	Toll Bridge Inspections	Support	\$20,600,000	\$3,700,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$49,500,000
		REHAB			Capital	\$0											\$0
		6828			Total	\$20,600,000	\$3,700,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$49,500,000
35	CTR 0062	93870	ALL	Base Security	Support	\$10,500,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$27,500,000
		REHAB			Capital	\$0											\$0
		6828			Total	\$10,500,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$27,500,000
36	CTR 0235	TBD	Var.	Structural Steel Paint by State Forces	Support		\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$60,000,000
		REHAB			Capital												\$0
		6828			Total		\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$60,000,000



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

BATA Resolution No. 122  
 Date: June 28, 2017  
 W.I.: 1251  
 Referred by: BATA Oversight Committee  
 Revised: 02/28/18 - BATA

Legend  
 New Project Since Start FY

	Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Toll Bridge Rehabilitation Program	\$214,150,965	\$18,849,325	\$18,572,000	\$19,750,000	\$19,000,000	\$18,950,000	\$20,200,000	\$14,300,000	\$18,200,000	\$23,300,000	\$17,600,000	\$402,872,291
Summary	\$909,828,147	\$43,717,041	\$45,160,000	\$40,860,000	\$41,560,000	\$47,055,000	\$42,060,000	\$44,760,000	\$47,260,000	\$38,860,000	\$50,060,000	\$1,351,180,189
Total	\$1,123,979,113	\$62,566,367	\$63,732,000	\$60,610,000	\$60,560,000	\$66,005,000	\$62,260,000	\$59,060,000	\$65,460,000	\$62,160,000	\$67,660,000	\$1,754,052,479

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
37	CTR 0064	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
38	CTR 0065	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
39	CTR 0069	97708 REHAB 6828	Var.	Caltrans ETC Traffic Operations Support	Support	\$6,150,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$10,150,000
					Capital	\$0											\$0
					Total	\$6,150,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$10,150,000
40	CTR 0078	3G462 REHAB 6812	BM	Floor Beam Mitigation Phase 1 (Modification of stringer floor beams due to fatigue crack and Bearing Shear Bolts)	Support	\$1,616,000	\$306,000										\$1,922,000
					Capital	\$900,000	\$282,000										\$1,182,000
					Total	\$2,516,000	\$588,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,104,000
41	CTR 0084	CTR 0084 REHAB 6812	BM	Floor Beam Mitigation Phase 2	Support	\$0					\$600,000	\$1,200,000	\$500,000				\$2,300,000
					Capital	\$0					\$0	\$7,500,000	\$0				\$7,500,000
					Total	\$0	\$0	\$0	\$0	\$0	\$600,000	\$8,700,000	\$500,000	\$0	\$0	\$0	\$9,800,000
42	CTR 0088	3G403 REHAB 6813	CAR	Anchorage Modification, Drainage Improvements, Polyester Concrete Overlay (1958) and Ped Replace Joint Seals (1958)	Support	\$3,086,000	\$736,000										\$3,822,000
					Capital	\$9,200,000											\$9,200,000
					Total	\$12,286,000	\$736,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,022,000
43	CTR 0097	3G305 REHAB 6828	Var.	Replace Fog Horns, Radar Beacons and Related Electrical Systems on Southern Bridges	Support	\$2,594,000		\$120,000									\$2,714,000
					Capital	\$4,500,000											\$4,500,000
					Total	\$7,094,000	\$0	\$120,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,214,000
44	CTR 0107	3G364 REHAB 6814	RSR	Substations Upgrade	Support	\$1,903,000		\$500,000									\$2,403,000
					Capital	\$6,700,000	\$1,800,000										\$8,500,000
					Total	\$8,603,000	\$1,800,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,903,000
45	CTR 0119	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
46	CTR 0120	3G444 REHAB 6825	SFO	Main Cable Wrap Investigations Phase 1	Support	\$423,000			\$450,000								\$873,000
					Capital	\$0	\$4,000,000										\$4,000,000
					Total	\$423,000	\$4,000,000	\$0	\$450,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,873,000
47	CTR 0121	3G477 REHAB 6825	SFO	Traveler Replacements and Rail Upgrades	Support	\$380,000				\$900,000	\$350,000	\$300,000					\$1,930,000
					Capital	\$0					\$2,800,000						\$2,800,000
					Total	\$380,000	\$0	\$0	\$0	\$900,000	\$3,150,000	\$300,000	\$0	\$0	\$0	\$0	\$4,730,000
48	CTR 0126	3G448 REHAB 6825	SFO	W2 to W7 Concrete Column Repair and Seal	Support	\$0				\$300,000	\$300,000	\$300,000					\$900,000
					Capital	\$0					\$2,000,000						\$2,000,000
					Total	\$0	\$0	\$0	\$0	\$300,000	\$2,300,000	\$300,000	\$0	\$0	\$0	\$0	\$2,900,000



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

BATA Resolution No. 122  
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 Revised: 02/28/18 - BATA

Legend  
 New Project Since Start FY

		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Toll Bridge Rehabilitation Program	Support	\$214,150,965	\$18,849,325	\$18,572,000	\$19,750,000	\$19,000,000	\$18,950,000	\$20,200,000	\$14,300,000	\$18,200,000	\$23,300,000	\$17,600,000	\$402,872,291
Summary	Capital	\$909,828,147	\$43,717,041	\$45,160,000	\$40,860,000	\$41,560,000	\$47,055,000	\$42,060,000	\$44,760,000	\$47,260,000	\$38,860,000	\$50,060,000	\$1,351,180,189
	Total	\$1,123,979,113	\$62,566,367	\$63,732,000	\$60,610,000	\$60,560,000	\$66,005,000	\$62,260,000	\$59,060,000	\$65,460,000	\$62,160,000	\$67,660,000	\$1,754,052,479

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
49	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	\$5,000,000	\$25,000,000	\$30,000,000
		6825			Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$11,000,000	\$27,000,000	\$40,000,000
50	CTR 0129	3G457	SFO	SFOBB - Replace Joint Seals (Upper & Lower Deck);	Support	\$2,735,000	\$770,000										\$3,505,000
		REHAB		RSR - Replace Joint Seals (Upper Deck)	Capital	\$6,423,878											\$6,423,878
		6825		and Resurfacing	Total	\$9,158,878	\$770,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,928,878
51	CTR 0134	4H970	SFO	Gateway Park Oversight	Support	\$1,910,000											\$1,910,000
		REHAB		and Link (4H971) PAED	Capital	\$0											\$0
		6825			Total	\$1,910,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,910,000
52	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	\$41,464,000
53	CTR 0148	01410	SFO	SFOBB Maintenance Complex	Support	\$0											\$0
		REHAB		Maintenance Warehouse	Capital	\$17,900,000											\$17,900,000
		6825		Phase 2	Total	\$17,900,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,900,000
54	CTR 0151	3G443	SFO	Replace Grating Shields and Access Ladders***	Support	\$1,953,000											\$1,953,000
		REHAB			Capital	\$1,822,122											\$1,822,122
		6825			Total	\$3,775,122	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,775,122
55	CTR 0152	0120M	SFO	Toll Plaza Repaving	Support	\$825,782											\$825,782
		REHAB			Capital	\$7,462,218											\$7,462,218
		6825			Total	\$8,288,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,288,000
56	CTR 0153	1G310	SFO	Toll Plaza Repaving***	Support	\$0											\$0
		REHAB			Capital	\$1,800,000	-\$197,714										\$1,602,286
		6825			Total	\$1,800,000	-\$197,714	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,602,286
57	CTR 0154	3G440	SFO	Various Structural PIDS***	Support	\$159,900											\$159,900
		REHAB			Capital	\$0											\$0
		6825			Total	\$159,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$159,900
58	CTR 0155	3G450	VAR	Bridge Joint Seals***	Support	\$57,611											\$57,611
		REHAB			Capital	\$0											\$0
		6828			Total	\$57,611	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$57,611
59	CTR 0156	3G390	VAR	Bridge Lighting***	Support	\$99,415											\$99,415
		REHAB			Capital	\$0											\$0
		6828			Total	\$99,415	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$99,415
60	CTR 0157	3G400	VAR	Bridge Overlays***	Support	\$134,556											\$134,556
		REHAB			Capital	\$0											\$0
		6828			Total	\$134,556	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$134,556



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

BATA Resolution No. 122  
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Legend  
 New Project Since Start FY

		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Toll Bridge Rehabilitation Program	Support	\$214,150,965	\$18,849,325	\$18,572,000	\$19,750,000	\$19,000,000	\$18,950,000	\$20,200,000	\$14,300,000	\$18,200,000	\$23,300,000	\$17,600,000	\$402,872,291
Summary	Capital	\$909,828,147	\$43,717,041	\$45,160,000	\$40,860,000	\$41,560,000	\$47,055,000	\$42,060,000	\$44,760,000	\$47,260,000	\$38,860,000	\$50,060,000	\$1,351,180,189
	Total	\$1,123,979,113	\$62,566,367	\$63,732,000	\$60,610,000	\$60,560,000	\$66,005,000	\$62,260,000	\$59,060,000	\$65,460,000	\$62,160,000	\$67,660,000	\$1,754,052,479

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
61	CTR 0158	0120F REHAB 6825	SFOBB	East Span Base	Support Capital Total	\$0 \$1,965,000 \$1,965,000											\$0 \$1,965,000 \$1,965,000
62	CTR 0159	2J870 REHAB 6825	SFOBB	West Span BASE	Support Capital Total	\$588,000 \$9,500,000 \$10,088,000											\$588,000 \$9,500,000 \$10,088,000
63	CTR 0160	4H180 REHAB 6825	SFOBB	Refill Seismic Dampeners***	Support Capital Total	\$22,052 \$252,546 \$274,597											\$22,052 \$252,546 \$274,597
64	CTR 0163	3G447 REHAB 6825	SFOBB	Rebuild Damaged Fender System *** W6	Support Capital Total	\$238,798 \$772,842 \$1,011,640											\$238,798 \$772,842 \$1,011,640
65	CTR 0182	3G478 REHAB 6828	Var	PID - Water Line System Air Compressor, Airlines***	Support Capital Total	\$194,000 \$0 \$194,000	-\$693										\$193,307 \$0 \$193,307
66	CTR 0201	0J120 REHAB 6814	RSR	Replace Expansion Joint at Pier 44E***	Support Capital Total	\$68,600 \$270,000 \$338,600											\$68,600 \$270,000 \$338,600
67	CTR 0202	0J870 REHAB 6825	SFO	Install Air Gap Monitoring System***	Support Capital Total	\$127,000 \$210,000 \$337,000	-\$31,006 -\$81,245 -\$112,251										\$95,994 \$128,755 \$224,749
68	CTR 0203	3G360 REHAB 6828	Var.	Replace Various Navigational and Utility Equipment Supplemental PID***	Support Capital Total	\$127,650 \$0 \$127,650	-\$1										\$127,649 \$0 \$127,649
69	CTR 0204	3G301 REHAB 6828	Var.	Replace Fog Horns, Radar Beacons and Related Electrical Systems on Northern Bridges	Support Capital Total	\$1,040,000 \$0 \$1,040,000		\$1,218,000 \$6,000,000 \$7,218,000	\$700,000 \$0 \$700,000	\$700,000 \$0 \$700,000	\$300,000 \$0 \$300,000						\$3,958,000 \$6,000,000 \$9,958,000
70	CTR 0206	2J680 REHAB 6814	RSR	RSR Access - PPUL Oversight	Support Capital Total	\$2,358,000 \$0 \$2,358,000	\$1,060,000										\$3,418,000 \$0 \$3,418,000
71	CTR 0212	3G368 REHAB 6828	Var	Substation and Power Cable	Support Capital Total	\$250,000 \$0 \$250,000											\$250,000 \$0 \$250,000
72	CTR 0213	01412 REHAB 6825	SFO	CT Oversight of Bridge Yard *** (IERBYS Building Slab)	Support Capital Total	\$276,198 \$0 \$276,198											\$276,198 \$0 \$276,198





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		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Toll Bridge Rehabilitation Program	Support	\$214,150,965	\$18,849,325	\$18,572,000	\$19,750,000	\$19,000,000	\$18,950,000	\$20,200,000	\$14,300,000	\$18,200,000	\$23,300,000	\$17,600,000	\$402,872,291
Summary	Capital	\$909,828,147	\$43,717,041	\$45,160,000	\$40,860,000	\$41,560,000	\$47,055,000	\$42,060,000	\$44,760,000	\$47,260,000	\$38,860,000	\$50,060,000	\$1,351,180,189
	Total	\$1,123,979,113	\$62,566,367	\$63,732,000	\$60,610,000	\$60,560,000	\$66,005,000	\$62,260,000	\$59,060,000	\$65,460,000	\$62,160,000	\$67,660,000	\$1,754,052,479

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
73	CTR 0214	01413	SFO	CT Oversight of Bridge Yard	Support	\$423,802	\$52,376										\$476,178
		REHAB		(ERBYS Building Retrofit)**	Capital	\$0											\$0
		6825			Total	\$423,802	\$52,376	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$476,178
74	CTR 0215	21190	SFO	Replace transverse expansion joints ***	Support	\$1,309,010											\$1,309,010
		REHAB		West Span	Capital	\$1,944,698											\$1,944,698
		6825			Total	\$3,253,708	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,253,708
75	CTR 0216	21410	CARQ	Al Zampa (CARQ) Joint Repair ***	Support	\$146,672											\$146,672
		REHAB			Capital	\$183,592											\$183,592
		6813			Total	\$330,265	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$330,265
76	CTR 0217	21400	SFO	880 Overhead Signage and Delineation Upgrade	Support	\$40,000	\$6,649										\$46,649
		REHAB		Oversight***	Capital	\$0											\$0
		6825			Total	\$40,000	\$6,649	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$46,649
77	CTR 0219	0K220	SFO	Metering Lights Upgrade Oversight	Support	\$366,000		\$134,000									\$500,000
		REHAB			Capital	\$0											\$0
		6825			Total	\$366,000	\$0	\$134,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
78	CTR 0222	TBD	SFO	SFOBB Maintenance Administration	Support	\$0											\$0
		REHAB			Capital	\$1,000,000											\$1,000,000
		6825			Total	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
79	CTR 0225	41710	RSR	RSR Access - Bike Ped Oversight	Support	\$637,000	\$300,000										\$937,000
		REHAB			Capital	\$0											\$0
		6814			Total	\$637,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$937,000
80	CTR 0226	1K450	SFO	Roof Repairs at Sterling Substation	Support	\$72,000											\$72,000
		REHAB		Minor Rehab***	Capital	\$120,000											\$120,000
		8033			Total	\$192,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$192,000
81	CTR 0227	1K470	SMH	Roof Repairs at toll admin building (Toll Plaza)	Support	\$60,000	\$0										\$60,000
		REHAB		Minor Rehab***	Capital	\$100,000											\$100,000
		8033			Total	\$160,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160,000
82	CTR 0228	1K460	BM	Bird abatement at Benicia Toll Plaza	Support	\$150,000											\$150,000
		REHAB		Minor Rehab	Capital	\$250,000											\$250,000
		8033			Total	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
83	CTR 0229	0K691	SFO	Install Grease Caps and Repair Pre-stress Tendons	Support	\$1,200,000											\$1,200,000
		REHAB		East Span- Director's Order	Capital	\$3,460,000											\$3,460,000
		6825			Total	\$4,660,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,660,000
84	CTR 0230	3G482	BM	Repair Seismic Joint - Pier 3	Support	\$120,000											\$120,000
		REHAB		Director's Order	Capital	\$291,000											\$291,000
		6812			Total	\$411,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$411,000



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

BATA Resolution No. 122  
 Date: June 28, 2017  
 W.I.: 1251  
 Referred by: BATA Oversight Committee  
 Revised: 02/28/18 - BATA

Legend  
 New Project Since Start FY

		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Toll Bridge Rehabilitation Program	Support	\$214,150,965	\$18,849,325	\$18,572,000	\$19,750,000	\$19,000,000	\$18,950,000	\$20,200,000	\$14,300,000	\$18,200,000	\$23,300,000	\$17,600,000	\$402,872,291
Summary	Capital	\$909,828,147	\$43,717,041	\$45,160,000	\$40,860,000	\$41,560,000	\$47,055,000	\$42,060,000	\$44,760,000	\$47,260,000	\$38,860,000	\$50,060,000	\$1,351,180,189
	Total	\$1,123,979,113	\$62,566,367	\$63,732,000	\$60,610,000	\$60,560,000	\$66,005,000	\$62,260,000	\$59,060,000	\$65,460,000	\$62,160,000	\$67,660,000	\$1,754,052,479

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
85	CTR 0231	TBD	RSR	Replace Aircraft Beacon, Fog Horns, Radar Beacons and	Support	\$0				\$1,000,000	\$500,000						\$1,500,000
		REHAB		Related Electrical Systems and connect with SCADA	Capital	\$0				\$2,500,000	\$1,500,000						\$4,000,000
		6814			Total	\$0	\$0	\$0	\$0	\$3,500,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$5,500,000
86	CTR 0232	2K960	SFO	YBI Tunnel Concrete Repair	Support	\$600,000	\$95,000										\$695,000
		REHAB			Capital	\$1,400,000	\$180,000										\$1,580,000
		6825			Total	\$2,000,000	\$275,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,275,000
87	CTR 0233	3G445	SFO	Fender Repair	Support	\$1,950,000											\$1,950,000
		REHAB		Director's Order	Capital	\$3,450,000											\$3,450,000
		6825			Total	\$5,400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,400,000
88	CTR 0234	2K560	SFO	Repair SFOBB Seismic Dampers	Support	\$100,000											\$100,000
		REHAB		Director's Order	Capital	\$291,000											\$291,000
		6825			Total	\$391,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$391,000
89	CTR 0236	TBD	CARQ	Replacement Study Old Bridge	Support	\$0						\$1,000,000					\$1,000,000
		REHAB			Capital	\$0											\$0
		6813			Total	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
90	CTR 0237	TBD	RSR	Replacement Study Old Bridge	Support	\$0			\$1,000,000								\$1,000,000
		REHAB			Capital	\$0											\$0
		6814			Total	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
91	CTR 0238	TBD	BM	Replace Fog Horns, Radar Beacons and	Support	\$0								\$300,000	\$1,500,000		\$1,800,000
		REHAB		Related Electrical Systems and connect with SCADA	Capital	\$0								\$3,500,000			\$3,500,000
		6812			Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$5,000,000	\$0	\$5,300,000
92	CTR 0239	TBD	SFO	Replace Aircraft Beacon, Fog Horns, Radar Beacons	Support	\$0					\$300,000	\$700,000				\$300,000	\$1,300,000
		REHAB		and Related Electrical Systems and connect with SCADA	Capital	\$0					\$3,600,000						\$3,600,000
		6825			Total	\$0	\$0	\$0	\$0	\$0	\$300,000	\$4,300,000	\$0	\$0	\$0	\$300,000	\$4,900,000
93	CTR 0240	TBD	CARQ	Replace Radar Beacons and Related Electrical Systems	Support	\$0		\$800,000									\$800,000
		REHAB		and connect with SCADA	Capital	\$0		\$2,500,000									\$2,500,000
		6813			Total	\$0	\$0	\$3,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,300,000
94	CTR 0241	TBD	RSR	Concrete Column Repair	Support	\$0				\$300,000	\$300,000	\$400,000					\$1,000,000
		REHAB			Capital	\$0					\$2,000,000						\$2,000,000
		6814			Total	\$0	\$0	\$0	\$0	\$300,000	\$2,300,000	\$400,000	\$0	\$0	\$0	\$0	\$3,000,000
95	CTR 0242	TBD	SMH	Replace and Upgrade Navigational Lights to LED	Support	\$0								\$100,000	\$500,000		\$600,000
		REHAB		and connect it with SCADA	Capital	\$0									\$1,500,000		\$1,500,000
		6826			Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$2,000,000	\$0	\$2,100,000
96	CTR 0243	TBD	SFO	Replace Fender System and Skirt Modifications	Support	\$0					\$1,500,000	\$1,500,000	\$2,000,000	\$1,500,000			\$6,500,000
		REHAB			Capital	\$0							\$23,000,000				\$23,000,000
		6825			Total	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000	\$25,000,000	\$1,500,000	\$0	\$0	\$29,500,000



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

BATA Resolution No. 122  
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Legend  
 New Project Since Start FY

		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Toll Bridge Rehabilitation Program	Support	\$214,150,965	\$18,849,325	\$18,572,000	\$19,750,000	\$19,000,000	\$18,950,000	\$20,200,000	\$14,300,000	\$18,200,000	\$23,300,000	\$17,600,000	\$402,872,291
Summary	Capital	\$909,828,147	\$43,717,041	\$45,160,000	\$40,860,000	\$41,560,000	\$47,055,000	\$42,060,000	\$44,760,000	\$47,260,000	\$38,860,000	\$50,060,000	\$1,351,180,189
	Total	\$1,123,979,113	\$62,566,367	\$63,732,000	\$60,610,000	\$60,560,000	\$66,005,000	\$62,260,000	\$59,060,000	\$65,460,000	\$62,160,000	\$67,660,000	\$1,754,052,479

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
97	CTR 0244	TBD	RSR	Structural Steel Painting (Lower Deck, Towers)	Support	\$0		\$1,000,000	\$4,000,000	\$4,000,000	\$3,000,000	\$3,000,000		\$2,500,000	\$3,500,000	\$3,500,000	\$24,500,000
		REHAB 6814		2nd Phase	Capital	\$0		\$3,000,000	\$25,000,000	\$22,000,000	\$15,000,000	\$5,000,000		\$25,000,000	\$5,000,000	\$0	\$100,000,000
					Total	\$0	\$0	\$4,000,000	\$29,000,000	\$26,000,000	\$18,000,000	\$8,000,000	\$0	\$27,500,000	\$8,500,000	\$3,500,000	\$124,500,000
98	CTR 0245	OP560	Var.	Director's Order - Install BASE radio links	Support	\$0	\$300,000										\$300,000
		REHAB 6828			Capital	\$0	\$750,000										\$750,000
					Total	\$0	\$1,050,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,050,000
99	CTR 0246	0Q470	SFOBB	Director's Order - East Span Skyway Polyester Concrete	Support	\$0	\$90,000										\$90,000
		REHAB 6825		Overlay Repairs	Capital	\$0	\$200,000										\$200,000
					Total	\$0	\$290,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$290,000
100	CTR Res	CTR Res	Var.	Caltrans Program Contingency	Support	\$318,000	-\$290,000										\$28,000
		REHAB 6829			Capital	\$0	\$0	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$54,000,000
					Total	\$318,000	-\$290,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$54,028,000
101	880/92	2G361	880/92	Landscaping**	Support	\$1,160,000											\$1,160,000
		RM1 8615			Capital	\$1,800,000											\$1,800,000
					Total	\$2,960,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,960,000
102	880/92	2G362	880/92	Landscaping**	Support	\$836,000											\$836,000
		RM1 8615			Capital	\$0											\$0
					Total	\$836,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$836,000
103	BM	0060A	BM	Modification to 1962 Bridge**	Support	\$6,211											\$6,211
		RM1 8210		***	Capital	\$0											\$0
					Total	\$6,211	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,211
104	BM	0060C	BM	Replacement Planting**	Support	\$584,000											\$584,000
		RM1 8210			Capital	\$1,125,000											\$1,125,000
					Total	\$1,709,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,709,000
105	CAR	0130J	CAR	Site Mitigation 3**	Support	\$150,000											\$150,000
		RM1 8315		***	Capital	\$0											\$0
					Total	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
106	CAR	0130K	CAR	Misc Landscaping**	Support	\$4,177											\$4,177
		RM1 8315		***	Capital	\$0											\$0
					Total	\$4,177	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,177
107	880/92	0160I	880/92	880/92 Interchange**	Support	\$344,000											\$344,000
		RM1 8615		***	Capital	\$2,500,000											\$2,500,000
					Total	\$2,844,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,844,000
108	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



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		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Toll Bridge Rehabilitation Program	Support	\$214,150,965	\$18,849,325	\$18,572,000	\$19,750,000	\$19,000,000	\$18,950,000	\$20,200,000	\$14,300,000	\$18,200,000	\$23,300,000	\$17,600,000	\$402,872,291
Summary	Capital	\$909,828,147	\$43,717,041	\$45,160,000	\$40,860,000	\$41,560,000	\$47,055,000	\$42,060,000	\$44,760,000	\$47,260,000	\$38,860,000	\$50,060,000	\$1,351,180,189
	Total	\$1,123,979,113	\$62,566,367	\$63,732,000	\$60,610,000	\$60,560,000	\$66,005,000	\$62,260,000	\$59,060,000	\$65,460,000	\$62,160,000	\$67,660,000	\$1,754,052,479

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
109	BR 0001	8531 REHAB	BATA	Benicia ORT***	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
110	BR 0002	8539 REHAB	BATA	SFOBB Eyebare Review***	Support	\$2,914,000											\$2,914,000
					Capital	\$0											\$0
					Total	\$2,914,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,914,000
111	BR 0003	8594 REHAB	BATA	SFOBB West Span Pathway Planning	Support	\$1,750,000											\$1,750,000
					Capital	\$10,550,000											\$10,550,000
					Total	\$12,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,300,000
112	BR 0004	8909 REHAB	BATA	Gateway Park	Support	\$1,273,000											\$1,273,000
					Capital	\$28,840,000											\$28,840,000
					Total	\$30,113,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,113,000
113	BR 0005	8913 REHAB	BATA	SFOBB Administration Building***	Support	\$5,000,000											\$5,000,000
					Capital	\$20,619,200											\$20,619,200
					Total	\$25,619,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,619,200
114	BR 0006	8918 REHAB	BATA	SFOBB Maintenance Complex	Support	\$0											\$0
					Capital	\$531,000											\$531,000
					Total	\$531,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$531,000
115	BR 0008	8921 REHAB	BATA	SFOBB FasTrak Lane Conversion***	Support	\$0											\$0
					Capital	\$3,575,000											\$3,575,000
					Total	\$3,575,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,575,000
116	BR 0009	8922 REHAB	BATA	Metering Lights Upgrade	Support	\$0											\$0
					Capital	\$8,930,000											\$8,930,000
					Total	\$8,930,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,930,000
117	BR 0010	8920 REHAB	BATA	SFO Plaza and Canopy Improvements***	Support	\$3,991,000											\$3,991,000
					Capital	\$5,272,000											\$5,272,000
					Total	\$9,263,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,263,000
118	BR 0011	8923 REHAB	BATA	Bridge Documentation	Support	\$0											\$0
					Capital	\$500,000											\$500,000
					Total	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
119	BR 0013	8602 REHAB	BATA	Hybrid/ETC Lane Modifications***	Support	\$0											\$0
					Capital	\$874,000											\$874,000
					Total	\$874,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$874,000
120	BR 0014	8907 REHAB	BATA	Toll Plaza Maintenance Agreement	Support	\$350,000											\$350,000
					Capital	\$18,098,000	\$3,500,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$48,598,000
					Total	\$18,448,000	\$3,500,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$48,948,000



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Toll Bridge Rehabilitation Program	Support	\$214,150,965	\$18,849,325	\$18,572,000	\$19,750,000	\$19,000,000	\$18,950,000	\$20,200,000	\$14,300,000	\$18,200,000	\$23,300,000	\$17,600,000	\$402,872,291
Summary	Capital	\$909,828,147	\$43,717,041	\$45,160,000	\$40,860,000	\$41,560,000	\$47,055,000	\$42,060,000	\$44,760,000	\$47,260,000	\$38,860,000	\$50,060,000	\$1,351,180,189
	Total	\$1,123,979,113	\$62,566,367	\$63,732,000	\$60,610,000	\$60,560,000	\$66,005,000	\$62,260,000	\$59,060,000	\$65,460,000	\$62,160,000	\$67,660,000	\$1,754,052,479

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
121	BR 0016	8631 REHAB	BATA	Callboxes***	Support	\$0											\$0
					Capital	\$2,344,000											\$2,344,000
					Total	\$2,344,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,344,000
122	BR 0017	8900 REHAB	BATA	2003 CSC Procurement	Support	\$1,679,000											\$1,679,000
					Capital	\$12,679,000											\$12,679,000
					Total	\$14,358,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,358,000
123	BR 0018	8901 REHAB	BATA	Ongoing Toll Tag Procurement	Support	\$0											\$0
					Capital	\$70,931,395	\$5,000,000	\$12,000,000	\$4,700,000	\$5,300,000	\$6,600,000	\$7,200,000	\$8,000,000	\$8,500,000	\$9,600,000	\$10,800,000	\$148,631,395
					Total	\$70,931,395	\$5,000,000	\$12,000,000	\$4,700,000	\$5,300,000	\$6,600,000	\$7,200,000	\$8,000,000	\$8,500,000	\$9,600,000	\$10,800,000	\$148,631,395
124	BR 0019	8902 REHAB	BATA	2012 CSC Procurement	Support	\$0											\$0
					Capital	\$19,450,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000						\$21,950,000
					Total	\$19,450,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$21,950,000
125	BR 0020	8903 REHAB	BATA	Future Lane/Host Upgrades and Replacement (ATCAS)	Support	\$0											\$0
					Capital	\$33,605,000					\$4,145,000	\$6,000,000					\$43,750,000
					Total	\$33,605,000	\$0	\$0	\$0	\$0	\$4,145,000	\$6,000,000	\$0	\$0	\$0	\$0	\$43,750,000
126	BR 0021	8904 REHAB	BATA	FasTrak Sign and Sign Structure Improvements (Strategic Plan)	Support	\$1,000,000											\$1,000,000
					Capital	\$28,510,130											\$28,510,130
					Total	\$29,510,130	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,510,130
127	BR 0022	8905 REHAB	BATA	Misc Bridge Improvements	Support	\$400,000											\$400,000
					Capital	\$9,999,000	-\$1,200,000										\$8,799,000
					Total	\$10,399,000	-\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,199,000
128	BR 0023	8908 REHAB	BATA	BATA Technology Infrastructure (HW, SW, NETWORK)	Support	\$0											\$0
					Capital	\$4,035,000											\$4,035,000
					Total	\$4,035,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,035,000
129	BR 0025	8912 REHAB	BATA	Tag Inventory Conversion (Upgrade Technology)***	Support	\$200,000											\$200,000
					Capital	\$1,936,500											\$1,936,500
					Total	\$2,136,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,136,500
130	BR 0026	8914 REHAB	BATA	Violation Enforcement System***	Support	\$0											\$0
					Capital	\$7,842,000											\$7,842,000
					Total	\$7,842,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,842,000
131	BR 0027	8916 REHAB	BATA	Bay Crossing Study***	Support	\$540,000											\$540,000
					Capital	\$0											\$0
					Total	\$540,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$540,000
132	BR 0028	8917 REHAB	BATA	BATA Technology Security Review and Implementation	Support	\$0											\$0
					Capital	\$750,000											\$750,000
					Total	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000



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 New Project Since Start FY

		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Toll Bridge Rehabilitation Program	Support	\$214,150,965	\$18,849,325	\$18,572,000	\$19,750,000	\$19,000,000	\$18,950,000	\$20,200,000	\$14,300,000	\$18,200,000	\$23,300,000	\$17,600,000	\$402,872,291
Summary	Capital	\$909,828,147	\$43,717,041	\$45,160,000	\$40,860,000	\$41,560,000	\$47,055,000	\$42,060,000	\$44,760,000	\$47,260,000	\$38,860,000	\$50,060,000	\$1,351,180,189
	Total	\$1,123,979,113	\$62,566,367	\$63,732,000	\$60,610,000	\$60,560,000	\$66,005,000	\$62,260,000	\$59,060,000	\$65,460,000	\$62,160,000	\$67,660,000	\$1,754,052,479

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
133	BR 0029	8926 REHAB	BATA	Bridge Modeling and Investigations	Support	\$2,000,000											\$2,000,000
					Capital	\$3,801,198											\$3,801,198
					Total	\$5,801,198	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,801,198
134	BR 0030	8000-16 REHAB	BATA	Program Monitoring	Support	\$0											\$0
					Capital	\$46,044,709				\$500,000	\$1,500,000	\$1,000,000	\$500,000	\$500,000			\$50,044,709
					Total	\$46,044,709	\$0	\$0	\$0	\$500,000	\$1,500,000	\$1,000,000	\$500,000	\$500,000	\$0	\$0	\$50,044,709
135	BR 0031	8000-05 REHAB	BATA	Capital Program Audits	Support	\$0											\$0
					Capital	\$8,300,000				\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$12,300,000
					Total	\$8,300,000	\$0	\$0	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$12,300,000
136	BR 0033	8927 REHAB	BATA	CCTV Installation	Support	\$850,000	-\$850,000										\$0
					Capital	\$5,150,000	-\$5,150,000										\$0
					Total	\$6,000,000	-\$6,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
137	BR 0034	8924 REHAB	BATA	Antioch Bridge	Support	\$0											\$0
				CCTA 160/4 Interchange	Capital	\$50,000,000											\$50,000,000
					Total	\$50,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000,000
138	BR 0035	8930 REHAB	BATA	Richmond-San Rafael Bridge	Support	\$1,200,000	\$294,000										\$1,494,000
				580 Access Improvements	Capital	\$64,590,000	\$12,844,000										\$77,434,000
					Total	\$65,790,000	\$13,138,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$78,928,000
139	BR 0038	8937 REHAB	BATA	Future CSC Procurement	Support	\$0											\$0
					Capital	\$1,500,000	\$1,500,000	\$11,000,000				\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$16,500,000
					Total	\$1,500,000	\$1,500,000	\$11,000,000	\$0	\$0	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$16,500,000
140	BR 0039	8933 REHAB	BATA	Plan Bay Area TMS	Support	\$0											\$0
					Capital	\$9,000,000											\$9,000,000
					Total	\$9,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,000,000
141	BR 0040	8012 REHAB	BATA	All Electronic Tolling Study	Support	\$0											\$0
					Capital	\$703,000					\$250,000	\$500,000	\$2,000,000	\$2,000,000	\$3,000,000	\$3,000,000	\$11,453,000
					Total	\$703,000	\$0	\$0	\$0	\$0	\$250,000	\$500,000	\$2,000,000	\$2,000,000	\$3,000,000	\$3,000,000	\$11,453,000
142	BR 0041	8934 REHAB	BATA	Temporary License Plate System Implementation	Support	\$0											\$0
					Capital	\$500,000											\$500,000
					Total	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
143	BR 0042	8935 REHAB	BATA	Communications in Bridge Corridors	Support	\$0											\$0
					Capital	\$2,500,000	-\$2,500,000										\$0
					Total	\$2,500,000	-\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
144	BR 0043	8936 REHAB	BATA	Backhaul Connection Infrastructure	Support	\$0											\$0
					Capital	\$1,000,000											\$1,000,000
					Total	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000



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

BATA Resolution No. 122  
 Date: June 28, 2017  
 W.I.: 1251  
 Referred by: BATA Oversight Committee  
 Revised: 02/28/18 - BATA

Legend  
 New Project Since Start FY

		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Toll Bridge Rehabilitation Program	Support	\$214,150,965	\$18,849,325	\$18,572,000	\$19,750,000	\$19,000,000	\$18,950,000	\$20,200,000	\$14,300,000	\$18,200,000	\$23,300,000	\$17,600,000	\$402,872,291
Summary	Capital	\$909,828,147	\$43,717,041	\$45,160,000	\$40,860,000	\$41,560,000	\$47,055,000	\$42,060,000	\$44,760,000	\$47,260,000	\$38,860,000	\$50,060,000	\$1,351,180,189
	Total	\$1,123,979,113	\$62,566,367	\$63,732,000	\$60,610,000	\$60,560,000	\$66,005,000	\$62,260,000	\$59,060,000	\$65,460,000	\$62,160,000	\$67,660,000	\$1,754,052,479

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
145	BR 0044	8540	BATA	Regional Transportation Sea Level Rise Asset	Support	\$0											\$0
		REHAB			Capital	\$2,000,000											\$2,000,000
					Total	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000
146	BR 0045	8530	BATA	Drainage studies for the Bridges	Support	\$0											\$0
		REHAB			Capital	\$500,000											\$500,000
					Total	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
147	BR 0046	8528	BATA	Bay Lights Maintenance	Support	\$0											\$0
		REHAB			Capital	\$320,000	\$160,000	\$160,000	\$160,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$2,620,000
					Total	\$320,000	\$160,000	\$160,000	\$160,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$2,620,000
148	BR 0047	8938	BATA	Misc East Span Project Improvements	Support	\$0											\$0
		REHAB			Capital	\$12,083,854											\$12,083,854
					Total	\$12,083,854	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,083,854
149	BR 0048	BR 0048	BATA	Asset Management	Support	\$0											\$0
		REHAB			Capital	\$0	\$2,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$11,000,000
					Total	\$0	\$2,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$11,000,000
150	BR Res	8928	Var.	BATA Program Contingency	Support	\$0											\$0
		REHAB		RM1 Closeout	Capital	\$3,258,612											\$3,258,612
					Total	\$3,258,612	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,258,612

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

		Thru 2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Toll Bridge Rehabilitation Program	Support	\$214,150,965	\$18,849,325	\$18,572,000	\$19,750,000	\$19,000,000	\$18,950,000	\$20,200,000	\$14,300,000	\$18,200,000	\$23,300,000	\$17,600,000	\$402,872,291
Summary	Capital	\$909,828,147	\$43,717,041	\$45,160,000	\$40,860,000	\$41,560,000	\$47,055,000	\$42,060,000	\$44,760,000	\$47,260,000	\$38,860,000	\$50,060,000	\$1,351,180,189
	Total	\$1,123,979,113	\$62,566,367	\$63,732,000	\$60,610,000	\$60,560,000	\$66,005,000	\$62,260,000	\$59,060,000	\$65,460,000	\$62,160,000	\$67,660,000	\$1,754,052,479
Caltrans Rehabilitation Program	Support	\$191,003,965	\$19,405,325	\$18,572,000	\$19,750,000	\$19,000,000	\$18,950,000	\$20,200,000	\$14,300,000	\$18,200,000	\$23,300,000	\$17,600,000	\$380,281,290
Summary	Capital	\$404,552,550	\$27,063,041	\$17,500,000	\$31,000,000	\$30,500,000	\$29,300,000	\$22,100,000	\$29,000,000	\$31,000,000	\$21,000,000	\$31,000,000	\$674,015,591
	Total	\$595,556,515	\$46,468,367	\$36,072,000	\$50,750,000	\$49,500,000	\$48,250,000	\$42,300,000	\$43,300,000	\$49,200,000	\$44,300,000	\$48,600,000	\$1,054,296,881
BATA Rehabilitation Program	Support	\$23,147,000	\$-556,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,591,000
Summary	Capital	\$505,275,598	\$16,654,000	\$27,660,000	\$9,860,000	\$11,060,000	\$17,755,000	\$19,960,000	\$15,760,000	\$16,260,000	\$17,860,000	\$19,060,000	\$677,164,598
	Total	\$528,422,598	\$16,098,000	\$27,660,000	\$9,860,000	\$11,060,000	\$17,755,000	\$19,960,000	\$15,760,000	\$16,260,000	\$17,860,000	\$19,060,000	\$699,755,598



BATA Resolution No. 122  
 Date: June 28, 2017  
 W.L.: 1255  
 Referred by: BATA Oversight Committee  
 Revised: 02/28/18 - BATA

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

Capital Program 30914(c)			Toll Funding (thousands)
Project No.	Project Title	Project Sponsor(s)	
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	\$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	\$35,000,000
19	Real Time Transit	Metropolitan Transportation Commission	\$20,000,000
20	Safe Routes to Transit	East Bay Bicycle Coalition / Transform	\$22,500,000
21	BART Tube Seismic Retrofit	BART	\$33,801,000
22	Transbay Terminal/Downtown Caltrain Extension	Transbay Joint Powers Authority	\$150,000,000
23	Oakland Airport Connector	Port of Oakland and BART	\$115,199,000
24	AC Transit Enhanced Bus	AC Transit	\$77,760,172
25	Commute Ferry Service for Alameda/Oakland/Harbor Bay	Water Transit Authority	\$12,000,000
26	Commute Ferry Service for Berkeley/Albany	Water Transit Authority	\$12,000,000
27	Commute Ferry Service for South San Francisco	Water Transit Authority	\$12,000,000
28	Water Transit Facility Improvements	Water Transit Authority	\$48,000,000
29	Express Bus South	AC Transit and Alameda County Transportation Commission (ACTC)	\$54,932,828
30	I-880 North Safety Improvements	Alameda County Transportation Commission (ACTC), City of Oakland, and Caltrans	\$12,300,000
31	BART Warm Springs Extension	BART	\$186,000,000
32	I-580 (Tri Valley) Rapid Transit Corridor Improvements	Alameda County Transportation Commission (ACTC)	\$65,000,000
33	San Francisco Bay Area Rail Study	BART	\$6,500,000
34	Integrated Fare Structure Program	TransLink® Consortium	\$1,500,000
35	Transit Commute Benefits Promotion	Metropolitan Transportation Commission	\$5,000,000
36	Caldecott Tunnel Improvements - Fourth Bore	Contra Costa Transportation Authority	\$45,075,000
37	BART Transit Capital Rehabilitation	BART	\$64,000,000
38	Regional Express Lane Network	MTC	\$4,825,455
39	Modifications in I-80 and San Pablo	Contra Costa Transportation Authority	\$8,000,000
40	Caltrain Electrification	Caltrain	\$20,000,000
	<b>TOTAL</b>		<b>\$1,589,000,000</b>

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





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

Toll Bridge Seismic Retrofit Projects	Current Total Project Budget	Approved Project Budget Changes	Revised Total Project Budget
	a	b	c = a + b
San Francisco-Oakland Bay Bridge East Span Replacement*	\$ 6,515,871,000	\$ 13,500,000	\$ 6,529,371,000
San Francisco-Oakland Bay Bridge West Span Retrofit	\$ 305,316,000		\$ 305,316,000
San Francisco-Oakland Bay Bridge West Approach Replacement	\$ 459,500,000		\$ 459,500,000
Richmond-San Rafael Bridge Retrofit**	\$ 812,100,000		\$ 812,100,000
Benicia-Martinez Bridge Retrofit	\$ 177,830,000		\$ 177,830,000
Carquinez Bridge Retrofit	\$ 114,206,000		\$ 114,206,000
San Mateo-Hayward Bridge Retrofit	\$ 163,412,000		\$ 163,412,000
Antioch Bridge Retrofit	\$ 71,100,000		\$ 71,100,000
Dumbarton Bridge Retrofit	\$ 112,400,000		\$ 112,400,000
<b>Subtotal for Bay Area Bridges</b>	<b>\$ 8,731,735,000</b>	<b>\$ 13,500,000</b>	<b>\$ 8,745,235,000</b>
Vincent Thomas Bridge Retrofit ( <i>non-BATA, for information only</i> )	\$ 58,510,000		\$ 58,510,000
San Diego-Coronado Bridge Retrofit ( <i>non-BATA, for information only</i> )	\$ 103,520,000		\$ 103,520,000
<b>Program Indirects</b>	<b>\$ 30,000,000</b>		<b>\$ 30,000,000</b>
<b>Subtotal for All Bridges</b>	<b>\$ 8,923,765,000</b>		<b>\$ 8,937,265,000</b>
<b>Program Contingency</b>	<b>\$ 28,235,000</b>	<b>\$ (13,500,000)</b>	<b>\$ 14,735,000</b>
<b>Total for Toll Bridge Seismic Retrofit Program</b>	<b>\$ 8,952,000,000</b>		<b>\$ 8,952,000,000</b>

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



BATA Resolution No. 122

Date: June 28, 2017

W.I.: 1256

Referred by: BATA Oversight Committee

Revised: 09/27/17-BATA

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

Contracts	COS Budget Total \$
San Francisco-Oakland Bay Bridge East Span Replacement	\$ 17,500,000

<b>Total for Toll Bridge Seismic Retrofit Program</b>	<b>\$ 17,500,000</b>
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Notes:

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



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

**Attachment F**  
**Bay Area Toll Authority**  
**AB1171 Program Capital Budget Summary**

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

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

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

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

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

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

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



BATA Resolution No. 122  
 Date: June 28, 2017  
 W.I.: 8350  
 Referred by: BATA Oversight Committee  
 Revised: 2/28/18 - BATA

## Attachment H Bay Area Toll Authority

### BATA-SB1 Capital Program

Program #	SB1 Capital Projects	FY 2017-18 Amendment	Life to Date Project Budget
8351	<b>SFOBB Bike/Pedestrian Eastern Access</b>		
	SB1/LPP Grant	\$ 2,000,000	\$ 2,000,000
	BATA Match	2,000,000	2,000,000
	<b>Total SFOBB Bike/Pedestrian Eastern Access</b>	<b>4,000,000</b>	<b>4,000,000</b>
8352	<b>Dumbarton EL Approach and Transit Strategies</b>		
	SB1/LPP Grant	8,200,000	8,200,000
	BATA Match	8,800,000	8,800,000
	<b>Total Dumbarton EL Approach and Transit Strategies</b>	<b>17,000,000</b>	<b>17,000,000</b>
	<b>SB1 Capital Project</b>	<b>\$ 21,000,000</b>	<b>\$ 21,000,000</b>