



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

Memorandum

TO: Bay Area Toll Authority

DATE: June 6, 2018

FR: Deputy Executive Director, Policy

W. I. 1251/1256

RE: BATA Resolution No. 124 – FY 2018-19 Toll Bridge Program Operating and Capital Budgets

Staff requests that BATA Resolution No. 124 authorizing the FY 2018-19 operating and capital budgets be referred to the full Authority for approval.

FY 2017-18 Operating Update

Overall BATA is in excellent financial shape. Total paid toll traffic is up slightly over the same period in FY 2016-17 with increases across all seven bridges. Traffic is now up for the ninth consecutive year. However, growth is starting to slow. (Table 1). Toll revenue is also up for FY 2017-18 approximately \$6.6 million or 1.1% (Table 2).

Table 1

Toll Traffic – Comparison of 10 Months of FY 2016-17 and FY 2017-18

	FY 2016-17	FY 2017-18	Percent Change
Full Fare Toll Paying Vehicles	106,501,240	107,318,439	0.8%
Reduced Fare Carpool Vehicles	6,499,085	7,081,168	9.0%
Total Paid Vehicles	113,000,325	114,399,607	1.2%

Table 2

Toll Revenues – Comparison of 10 Months of FY 2016-17 and FY 2017-18

	FY 2016-17	FY 2017-18	Percent Change
Full Fare Toll Paying Vehicles	\$578,742,021	\$583,853,771	0.9%
Reduced Fare Carpool Vehicles	\$16,247,713	\$17,702,920	9.0%
Total Toll Revenue	\$594,989,734	\$601,556,691	1.1%

BATA is also stabilizing on the expense side. With most of the statutory BATA capital projects now behind us the risk of project cost overrun is all but gone. The same is true about debt issuance risks with project financing done as well and over 67% of the debt portfolio in fixed rate mode. Caltrans operating costs are also stable. However, there are concerns as Maintenance “A” costs are passed over to BATA in the near future with the completion of the new east span project. Overall, BATA will end

FY 2017-18 with an estimated operating surplus of \$102 million which will be transferred to meet BATA Rehabilitation Program and other capital program funding needs.

There are some areas of concern looking into BATA's financial future. These areas include:

- Slowing traffic levels as the current economic cycle winds down
- Rehabilitation project costs once scheduled for \$60 million annually are under pressure to increase as routine maintenance efforts such as bridge painting are more active. The current long range plan averages \$72 million per year.
- Maintenance "A" costs which are Caltrans costs to maintain the seven bridges are programmed to transfer to BATA responsibility with the completion of the East Span Demolition project and the end of the Seismic Retrofit Program. Maintenance A costs can add anywhere from \$15 million to \$25 million to annual bridge maintenance costs.

These issues as well as the need to look at long-term repair or replacement strategies for the Richmond and Carquinez East Span bridges as they reach their 75 year useful life will keep BATA staff busy over the next few years.

FY 2018-19 Operating Budget

The FY 2018-19 proposed budget continues to reflect the strong regional economy. Besides toll revenue, interest and violation revenue will also increase in the coming year. Operating expense is expected to increase by 3% while revenue is projected to increase 4%. Overall BATA is expected to make another strong contribution of over \$117 million to its current capital program of which \$72 million will be designated to the Toll Bridge Rehabilitation Program. The FY 2018-19 operating budget is shown in Attachment A.

Operating Revenue

Overall operating revenue is expected to increase 4% with the largest changes in violation payments and interest earnings.

General Toll Revenue - \$735 million

Staff is estimating total toll revenue of \$735 million for FY 2018-19, about 1% higher than the FY 2017-18 budget. This will be the ninth consecutive year that two-axle vehicle revenue has increased.

Other Revenues - \$131 million

Violation revenue - the Budget is increased by \$15 million compared to FY 2017-18. The budget is based on the prior year's trend for violation revenue. The Budget for interest revenue will increase with the higher overall interest rates. Interest earnings should increase by \$13 million, about 108%.

Rebate for Build America Bonds (BABs) - We continue to expect the Treasury Department to make its required BABs payment. The total interest subsidy payment from the federal government will be \$72 million.

Operating Expense

Total cost for Toll Bridge operations is proposed to be \$749 million for FY 2018-19 an increase of 3% from FY 2017-18. Highlights of the FY 2018-19 budget include:

Toll bridge operations and maintenance expense - \$78 million

Caltrans Toll Operations and Maintenance Services - \$29.3 million

- Costs for the toll operations and maintenance are projected to have a slight increase of \$400,000 in FY 2018-19.

Electronic Toll Collection - \$49 million

- \$25.5 million for the operation of the FasTrak[®] Regional Customer Service Center (RCSC), a 3.2 % increase from FY 2017-18. The FasTrak customer base continues to grow.
- \$13.9 million for banking/credit card fees is the same as FY 2017-18. This assumes no change in interbank charges.
- \$4 million for collection contract/DMV expenses, an 8.1% increase from FY 2017-18. The change is caused by increased user volume on all seven toll bridges.

Toll Bridge Administration - \$31 million

Overall bridge administration costs will have a slight increase of 1% or \$238,000.

Transfers to MTC - \$22 million

This portion of the budget contains BATA's support for existing programs, transfers and reserves throughout the agency.

- MTC - \$7.8 million, 1% of gross revenue for general administrative support
- Transbay - \$5 million for maintenance support including a 3.5% annual increase required by State Statute
- RM 2 marketing - \$4.5 million
- ABAG Estuary Partnership - \$1.0 million for administration and overhead
- Other - \$4 million transferred for Liability Reserve purposes

The MTC, Transbay and RM2 transfers are statutory while the others reflect BATA contributions to various administrative and programmatic areas.

Debt Service - \$557 million

Debt service will increase by \$17 million or approximately 3% due to projected higher interest rates on our variable rate debt portfolio.

FY 2018-19 Capital Budget

Express Lanes

The FY 2018-19 BATA express lanes capital budget will increase by \$3 million through a transfer from MTC SAFE. The new funding is for the fiber lateral connections upgrade in the I-880 express lanes corridor. Total program budget is increased to \$345 million from the original \$342 million.

Toll Bridge Seismic Retrofit Program

The FY 2018-19 budget reflects the TBPOC approved transfer of budgets between seismic projects. The changes shift unneeded funds from completed seismic projects and increases the program contingency by \$10 million and the San Francisco-Oakland Bay Bridge East Span Replacement project budget by \$1.5 million for staff to investigate and pursue Marine Foundation Pier Retention for Public Access Facilities at Piers E2, E-19-23 in Oakland and on Yerba Buena Island.

**Table 3
 Toll Bridge Seismic Retrofit Program Budget for FY 2018-19**

Project	FY 2017-18 (millions)	FY 2018-19 (millions)
SFOBB East Span Replacement	\$6,529.4	\$6,530.9
Other Seismic Retrofit Projects	\$2,407.9	\$2,396.3
Subtotal	\$8,937.3	\$8,927.2
Program Contingency	\$14.7	\$24.8
Total	\$8,952.0	\$8,952.0

Toll Bridge Rehabilitation Program

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

**Table 4
 Toll Bridge Rehabilitation Program Allocation Summary for FY 2018-19**

	Capital Outlay Construction Allocations	Capital Outlay Support Allocations	FY 2018-19 Total	FY 2017-18 Total
Caltrans Rehabilitation Projects	\$27.5	\$21.8	\$49.3	\$46.5
BATA Rehabilitation Projects	\$21.1	\$1.5	\$22.6	\$16.1
Total	\$48.6	\$23.3	\$71.9	\$62.6

The program budget for FY 2018-19 is \$72 million, up from \$63 million in FY 2017-18. The higher allocation in the FY 2018-19 budget is due mainly to the second phase of structural steel painting projects on the Richmond-San Rafael and San Mateo-Hayward toll bridges. Total projected project expenditures over the 10-year plan are estimated to be \$720 million or an average annual budget of \$72 million.

Reserve Designations

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

	<u>Funding (\$million)</u>
Project/self-insurance reserve (SIR)	\$ 280
Two years rehabilitation funding	120
Two years operations & maintenance	150
Emergency reserve (Co-op)	50
Variable rate contingency	<u>400</u>
Total	\$1,000

The reserve allows BATA to respond to emergency repairs, maintain bridge operations and absorb maximum rates on our variable rate and short term debt portfolios for over a year in the event of a regional or economic emergency. BATA continues to maintain full funding of all designated reserves.

Recommendation

Staff recommends that this Committee refer BATA Resolution No. 124, the BATA Toll Bridge and Operating Budgets for FY 2018-19, to the Authority for approval.



Alix A. Bockelman

SH:bm
Attachment

Date: June 27, 2018
W.I.: 1251, 1252, 1253, 1254, 1255
Referred by: BATA Oversight

ABSTRACT

BATA Resolution No. 124

This resolution approves the FY 2018-19 Toll Bridge Program Operating and Capital Budgets.

Discussion of this action is contained in the Deputy Executive Director's Memorandum to the BATA Oversight Committee dated June 6, 2018.

Date: June 27, 2018
W.I.: 1251, 1252, 1253, 1254, 1255
Referred by: BATA Oversight

BAY AREA TOLL AUTHORITY
RESOLUTION No. 124

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 2018-19 that includes anticipated revenues and expenses, as set forth in Attachment A, and reserve designations as set forth in Attachment H to this resolution, attached hereto and incorporated herein by this reference; and

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

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

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

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

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

WHEREAS, the final draft BATA budget for FY 2018-19 was reviewed and recommended by the BATA Oversight Committee for approval; now, therefore, be it

RESOLVED, that BATA approves the FY 2018-19 Toll Bridge Program operating budget prepared in accordance to generally accepted accounting principles attached hereto as Attachment A and incorporated herein as though set forth in length; and, be it further

RESOLVED, that the Executive Director or designee may approve adjustments among line items in the BATA operating budget for FY 2018-19, provided that there shall be no increase in the overall BATA operating budget without prior approval of BATA; and, be it further

RESOLVED, that BATA delegates to the Oversight Committee the authority to approve all contracts and expenditures as well as capital projects in BATA's budget for FY 2018-19, 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 2018-19; and, be it further

RESOLVED, that the Authority adopt budgets for the FY 2018-19 RM 2, Rehab, SRP, AB 1171, Express Lanes Capital, and SB1 Capital programs for the state-owned toll bridges, as listed in Attachments B through G; and be it further

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

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

RESOLVED, that the Authority's Executive Director and the Chief Financial Officer are authorized to carry over and re-budget all grants, contracts and funds properly budgeted in the prior year for which expenditures were budgeted and encumbered and which will take place in FY 2018-19, and be it further

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

RESOLVED, that the Authority authorizes fund reserve designations, effective June 30, 2018, as listed in Attachment G; and be it further

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

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

BAY AREA TOLL AUTHORITY

Jake Mackenzie, Chair

The above resolution was entered into by the Bay Area Toll Authority at a regular meeting of the Authority held in San Francisco, California, on June 27, 2018.

Date: June 27, 2018
W.I.: 1251, 1252, 1253, 1254, 1255, 1256
Referred by: BATA Oversight

Attachments
BATA Resolution No. 124

FY 2018-19 Toll Bridge Program
Operating and Capital Budgets

Attachment A: FY 2018-19 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 2018-28 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 2018-19 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 2018-19).

Attachment F: AB 1171 Capital Program.

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

Attachment H: Fund Reserve Designations, effective June 30, 2018.

**ATTACHMENT A
BAY AREA TOLL AUTHORITY
OPERATING BUDGET FY 2018-19**

BATA Resolution No. 124
Date: June 27, 2018
W.I.: 1251 - 1256
Referred by: BATA Oversight Committee

OPERATING REVENUE-EXPENSE SUMMARY

	APPROVED BUDGET FY 2017-18	Draft FY 2018-19	Change % Inc./(Dec)	Change \$ Inc./(Dec)	
General Toll Revenue	\$727,425,100	\$734,699,350	1.0%	\$7,274,250	L1
Violation Revenue	10,000,000	25,000,000	150.0%	15,000,000	L2
Interest Revenue	12,000,000	25,000,000	108.3%	13,000,000	L3
Reimbursement Revenue	9,551,000	9,868,000	3.3%	317,000	L4
Rebate for Build America Bonds	71,278,791	71,508,476	0.3%	229,685	L5
Total Operating Revenue	\$830,254,891	\$866,075,826	4.3%	\$35,820,935	
Total Operating Expense	\$727,840,795	\$748,823,940	2.9%	\$20,983,145	
Operating Surplus	\$102,414,096	\$117,251,886	14.5%	\$14,837,789	
Transfer to Toll Bridge Rehabilitation Program	\$63,000,000	\$72,000,000			
Transfer to Reserves	\$39,414,096	\$45,251,886			
Total Operating Surplus (Shortfall)	\$0	\$0			

REVENUE DETAIL

BUDGET FY 2018-19

	APPROVED BUDGET FY 2017-18	Draft FY 2018-19	Change % Inc./(Dec)	Change \$ Inc./(Dec)
General Toll Revenue (subtotal)	\$727,425,100	\$734,699,350	1.0%	\$7,274,250
RM 1 & Seismic Toll Revenues	\$597,732,225	\$603,709,547	1.0%	\$5,977,322
RM 2 Toll Revenues	129,692,875	130,989,803	1.0%	1,296,928
Violation and Other Revenue (subtotal)	\$10,000,000	\$25,000,000	150.0%	\$15,000,000
Violations	\$10,000,000	\$25,000,000	150.0%	\$15,000,000
Interest Revenue (subtotal)	\$12,000,000	\$25,000,000	108.3%	\$13,000,000
RM1 Interest Earnings	\$9,600,000	\$20,000,000	108.3%	\$10,400,000
RM2 Interest Earnings	2,400,000	5,000,000	108.3%	2,600,000
Reimbursement Revenue (subtotal)	\$9,551,000	\$9,868,000	3.3%	\$317,000
BAIFA Reimbursement	\$0	\$670,000	100.0%	\$670,000
GGBHTD Fastrak Reimbursement	6,733,000	6,900,000	2.5%	167,000
ACTC Reimbursement	2,220,000	1,700,000	-23.4%	(520,000)
VTA 237 Express Lane Reimbursement	135,000	135,000	0.0%	0
SFO Airport Reimbursement	463,000	463,000	0.0%	0
Rebate for Build America Bonds (subtotal)	\$71,278,791	\$71,508,476	0.3%	\$229,685
Rebate for Build America Bonds	\$71,278,791	\$71,508,476	0.3%	\$229,685
Total Current Year Revenue	\$830,254,891	\$866,075,826	4.3%	\$35,820,935

EXPENSE DETAIL
BUDGET FY 2018-19

	APPROVED BUDGET FY 2017-18	Draft FY 2018-19	Change % Inc./Dec	Change \$ Inc./Dec	
Operating Expense					
Caltrans Operations and Maintenance (Subtotal)	\$28,900,000	\$29,300,000	1.4%	\$400,000	
Toll Collection & Operations Services	\$23,600,000	\$23,600,000	0.0%	\$0	L6
Toll Bridge & Facility Maintenance (Category A&B)	5,300,000	5,700,000	7.5%	400,000	L7
Fastrak Operations and Maintenance (Subtotal)	\$47,644,500	\$48,975,000	2.8%	\$1,330,500	
RCSC Operations	\$24,700,000	\$25,500,000	3.2%	\$800,000	L8
Banking/Credit Card Fees	13,900,000	13,900,000	0.0%	0	L9
ATCAS Facility and In-lane Maintenance	3,700,000	3,900,000	5.4%	200,000	L10
ATCAS Hardware/Software Maintenance	1,644,500	1,675,000	1.9%	30,500	L11
Collections Contract/DMV Expenses	3,700,000	4,000,000	8.1%	300,000	L12
Toll Bridge Operations and Maintenance Total	\$76,544,500	\$78,275,000	2.3%	\$1,730,500	
Toll Bridge Administration (Subtotal)	\$31,161,970	\$31,400,354	0.8%	\$238,384	
Salaries and Benefits	\$10,145,279	\$10,504,444	3.5%	\$359,165	L13
Temporary Assistance	77,078	88,030	14.2%	10,952	L14
Travel&Training/Printing/Memberships	406,913	397,980	-2.2%	(8,933)	L15
Other	105,000	189,500	80.5%	84,500	L16
Financing Costs	14,512,500	14,020,400	-3.4%	(492,100)	L17
Audit/Accounting/Other	2,665,200	2,750,000	3.2%	84,800	L18
Beale St Assessment	2,000,000	2,200,000	10.0%	200,000	L19
Business Insurance	600,000	600,000	0.0%	0	L20
Misc. Toll Administration Operating Expenses	550,000	550,000	0.0%	0	L21
CTC TBPOC Oversight Committee Reimbursement	100,000	100,000	0.0%	0	L22
Consultant Contract/Other (Subtotal)	\$2,065,000	\$3,705,000	79.4%	\$1,640,000	
ETC Marketing	\$900,000	\$2,540,000	182.2%	\$1,640,000	L23
Toll Plaza Traffic Operations Analysis	150,000	150,000	0.0%	0	L24
RM2 Project Monitoring - Capital & Ops. Program	265,000	265,000	0.0%	0	L25
BATA Contract Contingency	250,000	250,000	0.0%	0	L26
RM2 Contract Contingency	500,000	500,000	0.0%	0	L27
Transfers to MTC (Subtotal)	\$20,604,115	\$22,421,309	8.8%	\$1,817,194	
1% Administration	\$7,494,251	\$7,846,994	4.7%	\$352,743	L28
Transfer to MTC	597,300	608,300	1.8%	11,000	L29
RM2 Marketing	3,860,000	4,500,000	16.6%	640,000	L30
Transfer to Legal Reserve	2,450,000	3,400,000	38.8%	950,000	L31
Disaster Preparedness	40,000	40,000	0.0%	0	L32
Transbay Transit Terminal Maintenance	4,856,084	5,026,046	3.5%	169,962	L33
Transfer to SAFE	200,000	0	-100.0%	(200,000)	L34
Transfer to ABAG SFEP	1,106,480	999,969	N/A	(106,511)	L35
Debt Service	\$540,542,163	\$557,086,153	3.1%	\$16,543,990	L36
RM2 Transit Operating	\$49,283,000	\$49,776,125	1.0%	\$493,125	L37
Furniture/Equipment	\$50,000	\$50,000	0.0%	\$0	L38
Provision for Depreciation/Amortization	\$6,110,000	\$6,110,000	0.0%	\$0	L39
Contractual Services - Prior Year	\$1,480,047	\$0			
Total Operating Expense	\$727,840,795	\$748,823,940	2.9%	\$20,983,145	



BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 6840/6953
 Referred by: BATA Oversight Committee

**Attachment B
 Bay Area Toll Authority**

Other Capital Projects

Program #	Other Capital Projects	Prior Approved BATA Budget Thru FY 2017-18	FY 2018-19 Budget	Life to Date Project Budget
6840	Express Lanes Projects - Total*	\$ 342,186,120	\$ 3,000,000	\$ 345,186,120
6953	Core Capacity Challenge - Grant	\$ 250,000,000	-	\$ 250,000,000

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



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status					
					Thru 2018	2019	Adjustments	Thru 2019	
1	Completed		Var.	Completed/Closed Rehab Projects	Support	\$38,665,694			\$38,665,694
		REHAB 8030			Capital	\$78,636,635	\$1		\$78,636,635
					Total	\$117,302,329	\$1		\$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		\$7,625,800
3	CTR 0002	00394	RSR	RSR Maintenance Building***	Support	\$5,885,000	-\$151,429		\$5,733,571
		REHAB 6814			Capital	\$4,641,000	-\$160,965		\$4,480,035
					Total	\$10,526,000	-\$312,394		\$10,213,606
4	CTR 0003	01090	ALL	Upgrade Existing SCADA System	Support	\$6,180,409			\$6,180,409
		REHAB 6828			Capital	\$5,597,591			\$5,597,591
					Total	\$11,778,001	\$0		\$11,778,001
5	CTR 0009	01407	SFO	Toll Plaza Median Landscaping***	Support	\$722,112			\$722,112
		REHAB 6825			Capital	\$1,059,888	-\$857,707		\$202,181
					Total	\$1,782,000	-\$857,707		\$924,293
6	CTR 0010	0120T	SFO	W4 Substation Upgrade, Foghorn Replacement,	Support	\$4,335,000			\$4,335,000
		REHAB 6825		BASE	Capital	\$12,985,000			\$12,985,000
					Total	\$17,320,000	\$0		\$17,320,000
7	CTR 0012	04082	SFO	Replace Substation Equipment on WS***	Support	\$957,644			\$957,644
		REHAB 6825			Capital	\$869,782			\$869,782
					Total	\$1,827,425	\$0		\$1,827,425
8	CTR 0013	04100	SMH	Resurface Orthotropic Deck	Support	\$7,959,000			\$7,959,000
		REHAB 6826		Deck Rehabilitation & 12KV Cable for Entire Bridge***	Capital	\$28,018,000			\$28,018,000
					Total	\$35,977,000	\$0		\$35,977,000



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status					
					Thru 2018	2019	Adjustments	Thru 2019	
9	CTR 0014	3G460	Var.	Northern Bridge Structural Improvements***	Support	\$72,662			\$72,662
		REHAB			Capital	\$0			\$0
		6828			Total	\$72,662	\$0		\$72,662
10	CTR 0015	04224	SMH	Replace Elec Cable Hangers & Upgrade 12kV System***	Support	\$2,869,539			\$2,869,539
		REHAB			Capital	\$2,777,316			\$2,777,316
		6826			Total	\$5,646,855	\$0		\$5,646,855
11	CTR 0016	04225	DUM	Expansion Joint Rehabilitation***	Support	\$2,091,531			\$2,091,531
		REHAB			Capital	\$2,700,672			\$2,700,672
		6827			Total	\$4,792,203	\$0		\$4,792,203
12	CTR 0145	0120S	SFO	SFOBB East Span YBITS 1	Support	\$1,640,000			\$1,640,000
		REHAB		YBI Resurfacing/BASE	Capital	\$22,150,000			\$22,150,000
		6825		Replace Lighting w/ HPS Lighting System	Total	\$23,790,000	\$0		\$23,790,000
13	CTR 0018	04907	CAR	Replace Pier 3 Fender Structure Support and	Support	\$4,811,400			\$4,811,400
		REHAB		Timber Fenders at Piers 2, 3, 4***	Capital	\$17,652,449			\$17,652,449
		6813			Total	\$22,463,849	\$0		\$22,463,849
14	CTR 0027	1G250	SFO	Replace Lighting w/ HPS Lighting System (WB)***	Support	\$714,010			\$714,010
		REHAB			Capital	\$0			\$0
		6825			Total	\$714,010	\$0		\$714,010
15	CTR 0028	1G260	SFO	Replace Lighting w/ HPS Lighting System (EB)***	Support	\$554,232			\$554,232
		REHAB			Capital	\$0			\$0
		6825			Total	\$554,232	\$0		\$554,232
16	CTR 0031	1G660	SFO	SFOBB West Span Pathway	Support	\$1,271,000	\$30,000		\$1,301,000
		REHAB			Capital	\$0			\$0
		6825			Total	\$1,271,000	\$30,000		\$1,301,000



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status					
					Thru 2018	2019	Adjustments	Thru 2019	
17	CTR 0032	1G720	SFO	Eyebor Monitoring System (ES)***	Support	\$207,931			\$207,931
		REHAB			Capital	\$3,431,263			\$3,431,263
		6825			Total	\$3,639,194	\$0		\$3,639,194
18	CTR 0147	2F000	SMH	Replace Damaged Transformer and Substation***	Support	\$53,276			\$53,276
		REHAB			Capital	\$204,900			\$204,900
		6826			Total	\$258,176	\$0		\$258,176
19	CTR 0035	2G420	ALL	ATCAS II Oversight***	Support	\$202,495			\$202,495
		REHAB			Capital	\$0			\$0
		6828			Total	\$202,495	\$0		\$202,495
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		\$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		\$67,738
22	CTR 0045	3G442	SFO	Replace Seismic Dampeners (WS)	Support	\$4,841,000	\$1,300,000		\$6,141,000
		REHAB			Capital	\$23,000,000			\$23,000,000
		6825			Total	\$27,841,000	\$1,300,000		\$29,141,000
23	CTR 0048	3G487	SFO	Structural Steel Painting, Towers	Support	\$164,669			\$164,669
		REHAB			Capital	\$0			\$0
		6825			Total	\$164,669	\$0		\$164,669
24	CTR 0049	3G470	Var.	Replace travelers and Rails PIDS***	Support	\$159,815			\$159,815
		REHAB			Capital	\$0			\$0
		6828			Total	\$159,815	\$0		\$159,815



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status					
						Thru 2018	2019	Adjustments	Thru 2019
25	CTR 0051	3G480	Var.	Caltrans PSR Planning	Support	\$64,164			\$64,164
		REHAB		Paint Bridge Structures PID ***	Capital	\$0			\$0
		6828			Total	\$64,164	\$0		\$64,164
26	CTR 0052	3G484	RSR	Bridge Paint	Support	\$8,275,000			\$8,275,000
		REHAB		(Lower Deck Only)	Capital	\$33,036,513	-\$3,736,677		\$29,299,836
		6814		Part 1***	Total	\$41,311,513	-\$3,736,677		\$37,574,836
27	CTR 0053	3G486	SMH	Bridge Paint	Support	\$8,623,000			\$8,623,000
		REHAB		Part 1	Capital	\$54,000,000			\$54,000,000
		6826			Total	\$62,623,000	\$0		\$62,623,000
28	CTR 0055	3G474	RSR	Traveler Rail Upgrades and	Support	\$872,000			\$872,000
		REHAB		Scaffolding Ergonomics Improvements	Capital	\$0			\$0
		6814			Total	\$872,000	\$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		\$1,764,424
30	CTR 0057	4G280	SFO	Toll Plaza Renovation Oversight***	Support	\$352,488			\$352,488
		REHAB			Capital	\$0			\$0
		6825			Total	\$352,488	\$0		\$352,488
31	CTR 0058	4G290	SFO	Toll Plaza Crash Cushion and Pump Station	Support	\$396,591			\$396,591
		REHAB		Oversight ***	Capital	\$0			\$0
		6825			Total	\$396,591	\$0		\$396,591
32	CTR 0059	91206	ALL	OSM Rehab Planning***	Support	\$158,660			\$158,660
		REHAB			Capital	\$0			\$0
		8629			Total	\$158,660	\$0		\$158,660



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status					
					Thru 2018	2019	Adjustments	Thru 2019	
33	CTR 0060	91207	Var.	Caltrans Capital Coordination	Support	\$7,141,000	\$927,000		\$8,068,000
		REHAB			Capital	\$0			\$0
		6828			Total	\$7,141,000	\$927,000		\$8,068,000
34	CTR 0061	93030	ALL	Toll Bridge Inspections	Support	\$24,300,000	\$2,800,000		\$27,100,000
		REHAB			Capital	\$0			\$0
		6828			Total	\$24,300,000	\$2,800,000		\$27,100,000
35	CTR 0062	93870	ALL	Base Security	Support	\$12,200,000	\$1,700,000		\$13,900,000
		REHAB			Capital	\$0			\$0
		6828			Total	\$12,200,000	\$1,700,000		\$13,900,000
36	CTR 0235	92685	Var.	Structural Steel Paint by State Forces	Support	\$6,000,000	\$6,000,000		\$12,000,000
		REHAB			Capital	\$0			\$0
		6828			Total	\$6,000,000	\$6,000,000		\$12,000,000
37	CTR 0064	97037	ANT	Toll Plaza Rehab Projects***	Support	\$0			\$0
		REHAB			Capital	\$179,979			\$179,979
		8033			Total	\$179,979	\$0		\$179,979
38	CTR 0065	97047	SFO	Toll Plaza Rehab Projects***	Support	\$0			\$0
		REHAB			Capital	\$3,386			\$3,386
		8033			Total	\$3,386	\$0		\$3,386
39	CTR 0069	97708	Var.	Caltrans ETC Traffic Operations Support	Support	\$6,550,000	\$400,000		\$6,950,000
		REHAB			Capital	\$0			\$0
		6828			Total	\$6,550,000	\$400,000		\$6,950,000
40	CTR 0078	3G462	BM	Floor Beam Mitigation Phase 1	Support	\$1,922,000			\$1,922,000
		REHAB		(Modification of stringer floor beams due to fatigue cracking)	Capital	\$1,182,000			\$1,182,000
		6812		and Bearing Shear Bolts	Total	\$3,104,000	\$0		\$3,104,000



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status					
					Thru 2018	2019	Adjustments	Thru 2019	
41	CTR 0084	CTR 0084	BM	Floor Beam Mitigation Phase 2	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6812			Total	\$0	\$0		\$0
42	CTR 0088	3G403	CAR	Anchorage Modification, Drainage Improvements,	Support	\$3,822,000			\$3,822,000
		REHAB		Polyester Concrete Overlay (1958) and Ped	Capital	\$9,200,000	-\$1,034,091		\$8,165,909
		6813		Replace Joint Seals (1958)***	Total	\$13,022,000	-\$1,034,091		\$11,987,909
43	CTR 0097	3G305	Var.	Replace Fog Horns, Radar Beacons and	Support	\$2,594,000	\$130,000		\$2,724,000
		REHAB		Related Electrical Systems on Southern Bridges	Capital	\$4,500,000			\$4,500,000
		6828			Total	\$7,094,000	\$130,000		\$7,224,000
44	CTR 0107	3G364	RSR	Substations Upgrade	Support	\$1,903,000	\$184,726		\$2,087,726
		REHAB			Capital	\$8,500,000	-\$8,500,000		\$0
		6814			Total	\$10,403,000	-\$8,315,274		\$2,087,726
45	CTR 0119	3G307	SFO	Fog Horns (West Spans)***	Support	\$339,821			\$339,821
		REHAB			Capital	\$0			\$0
		6825			Total	\$339,821	\$0		\$339,821
46	CTR 0120	3G444	SFO	Main Cable Wrap Investigations Phase 1	Support	\$423,000	\$1,100,000		\$1,523,000
		REHAB			Capital	\$4,000,000	\$4,000,000		\$8,000,000
		6825			Total	\$4,423,000	\$5,100,000		\$9,523,000
47	CTR 0121	3G477	SFO	Traveler Replacements and Rail Upgrades	Support	\$380,000			\$380,000
		REHAB			Capital	\$0			\$0
		6825			Total	\$380,000	\$0		\$380,000
48	CTR 0126	3G448	SFO	W2 to W7 Concrete Column Repair and Seal	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6825			Total	\$0	\$0		\$0



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status					
					Thru 2018	2019	Adjustments	Thru 2019	
49	CTR 0128	CTR 0128	SFO	Main Cable Wrap Investigations Phase 2	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6825			Total	\$0	\$0		\$0
50	CTR 0129	3G457	SFO	SFOBB - Replace Joint Seals (Upper & Lower Deck);	Support	\$3,505,000			\$3,505,000
		REHAB		RSR - Replace Joint Seals (Upper Deck)	Capital	\$5,589,878	-\$220,996		\$5,368,882
		6825		and Resurfacing***	Total	\$9,094,878	-\$220,996		\$8,873,882
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		\$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	\$3,074,000		\$41,674,000
		6825			Total	\$41,464,000	\$3,074,000		\$44,538,000
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		\$17,900,000
54	CTR 0151	3G443	SFO	Replace Grating Shields and Access Ladders***	Support	\$1,716,000	-\$531		\$1,715,469
		REHAB			Capital	\$1,479,122	-\$6,078		\$1,473,044
		6825			Total	\$3,195,122	-\$6,610		\$3,188,512
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		\$8,288,000
56	CTR 0153	1G310	SFO	Toll Plaza Repaving***	Support	\$0			\$0
		REHAB			Capital	\$1,602,286			\$1,602,286
		6825			Total	\$1,602,286	\$0		\$1,602,286



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

Toll Bridge Rehabilitation Program Summary					
		Thru 2018	2019	Adjustments	Thru 2019
	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status					
						Thru 2018	2019	Adjustments	Thru 2019
57	CTR 0154	3G440	SFO	Various Structural PIDS***	Support	\$159,900			\$159,900
		REHAB			Capital	\$0			\$0
		6825			Total	\$159,900	\$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		\$57,611
59	CTR 0156	3G390	VAR	Bridge Lighting***	Support	\$99,415			\$99,415
		REHAB			Capital	\$0			\$0
		6828			Total	\$99,415	\$0		\$99,415
60	CTR 0157	3G400	VAR	Bridge Overlays***	Support	\$134,556			\$134,556
		REHAB			Capital	\$0			\$0
		6828			Total	\$134,556	\$0		\$134,556
61	CTR 0158	0120F	SFO	East Span Base	Support	\$0			\$0
		REHAB			Capital	\$1,965,000			\$1,965,000
		6825			Total	\$1,965,000	\$0		\$1,965,000
62	CTR 0159	2J870	SFO	West Span BASE	Support	\$588,000			\$588,000
		REHAB			Capital	\$9,500,000			\$9,500,000
		6825			Total	\$10,088,000	\$0		\$10,088,000
63	CTR 0160	4H180	SFO	Refill Seismic Dampeners***	Support	\$22,052			\$22,052
		REHAB			Capital	\$252,546			\$252,546
		6825			Total	\$274,597	\$0		\$274,597
64	CTR 0163	3G447	SFO	Rebuild Damaged Fender System ***	Support	\$238,798			\$238,798
		REHAB	W6		Capital	\$772,842			\$772,842
		6825			Total	\$1,011,640	\$0		\$1,011,640



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status					
					Thru 2018	2019	Adjustments	Thru 2019	
65	CTR 0182	3G478	Var	PID - Water Line System	Support	\$193,307			\$193,307
		REHAB		Air Compressor, Airlines	Capital	\$0			\$0
		6828			Total	\$193,307	\$0		\$193,307
66	CTR 0201	0J120	RSR	Replace Expansion Joint at Pier 44E***	Support	\$68,600			\$68,600
		REHAB			Capital	\$270,000			\$270,000
		6814			Total	\$338,600	\$0		\$338,600
67	CTR 0202	0J870	SFO	Install Air Gap Monitoring System***	Support	\$95,994			\$95,994
		REHAB			Capital	\$128,755			\$128,755
		6825			Total	\$224,749	\$0		\$224,749
68	CTR 0203	3G360	Var.	Replace Various Navigational and Utility Equipment	Support	\$127,649			\$127,649
		REHAB		Supplemental PID***	Capital	\$0			\$0
		6828			Total	\$127,649	\$0		\$127,649
69	CTR 0204	3G301	Var.	Replace Fog Horns, Radar Beacons and	Support	\$1,556,394			\$1,556,394
		REHAB		Related Electrical Systems on Northern Bridges	Capital	\$0			\$0
		6828			Total	\$1,556,394	\$0		\$1,556,394
70	CTR 0206	2J680	RSR	RSR Access – PPUL Oversight	Support	\$3,418,000			\$3,418,000
		REHAB			Capital	\$0			\$0
		6814			Total	\$3,418,000	\$0		\$3,418,000
71	CTR 0212	3G368	Var	Substation and Power Cable	Support	\$250,000			\$250,000
		REHAB			Capital	\$0			\$0
		6828			Total	\$250,000	\$0		\$250,000
72	CTR 0213	01412	SFO	CT Oversight of Bridge Yard	Support	\$276,198			\$276,198
		REHAB		(IERBYS Building Slab) ***	Capital	\$0			\$0
		6825			Total	\$276,198	\$0		\$276,198



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status					
						Thru 2018	2019	Adjustments	Thru 2019
73	CTR 0214	01413	SFO	CT Oversight of Bridge Yard	Support	\$476,178			\$476,178
		REHAB		(IERBYS Building Retrofit)***	Capital	\$0			\$0
		6825			Total	\$476,178	\$0		\$476,178
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		\$3,253,708
75	CTR 0216	2J410	CARQ	Al Zampa (CARQ) Joint Repair ***	Support	\$146,672			\$146,672
		REHAB			Capital	\$183,592			\$183,592
		6813			Total	\$330,265	\$0		\$330,265
76	CTR 0217	2J400	SFO	I-880 Overhead Signage and Delineation Upgrade	Support	\$46,649			\$46,649
		REHAB		Oversight***	Capital	\$0			\$0
		6825			Total	\$46,649	\$0		\$46,649
77	CTR 0219	0K220	SFO	Metering Lights Upgrade Oversight	Support	\$366,000			\$366,000
		REHAB			Capital	\$0			\$0
		6825			Total	\$366,000	\$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		\$1,000,000
79	CTR 0225	4J710	RSR	RSR Access - Bike Ped Oversight	Support	\$937,000			\$937,000
		REHAB			Capital	\$0			\$0
		6814			Total	\$937,000	\$0		\$937,000
80	CTR 0226	1K450	SFO	Roof Repairs at Sterling Substation	Support	\$72,000			\$72,000
		REHAB		Minor Rehab***	Capital	\$120,000	-\$1		\$119,999
		8033			Total	\$192,000	-\$1		\$191,999



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status					
					Thru 2018	2019	Adjustments	Thru 2019	
81	CTR 0227	1K470	SMH	Roof Repairs at toll admin building (Toll Plaza)	Support	\$60,000			\$60,000
		REHAB		Minor Rehab***	Capital	\$100,000	-\$450		\$99,550
		8033			Total	\$160,000	-\$450		\$159,550
82	CTR 0228	1K460	BM	Bird abatement at Benicia Toll Plaza	Support	\$150,000	\$0		\$150,000
		REHAB		Minor Rehab	Capital	\$250,000	-\$50		\$249,950
		8033			Total	\$400,000	-\$50		\$399,950
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		\$4,660,000
84	CTR 0230	3G482	BM	Repair Seismic Joint - Pier 3	Support	\$148,912			\$148,912
		REHAB		Director's Order***	Capital	\$291,000	-\$40,154		\$250,846
		6812			Total	\$439,912	-\$40,154		\$399,758
85	CTR 0231	TBD	RSR	Replace Aircraft Beacon, Fog Horns, Radar Beacons	Support	\$0			\$0
		REHAB		and Related Electrical Systems	Capital	\$0			\$0
		6814		and connect with SCADA	Total	\$0	\$0		\$0
86	CTR 0232	2K960	SFO	YBI Tunnel Concrete Repair	Support	\$695,000			\$695,000
		REHAB			Capital	\$1,580,000			\$1,580,000
		6825			Total	\$2,275,000	\$0		\$2,275,000
87	CTR 0233	3G445	SFO	Fender Repair	Support	\$1,280,000			\$1,280,000
		REHAB		Director's Order	Capital	\$4,700,000			\$4,700,000
		6825			Total	\$5,980,000	\$0		\$5,980,000
88	CTR 0234	2K560	SFO	Repair SFOBB Seismic Dampers	Support	\$185,712			\$185,712
		REHAB		Director's Order	Capital	\$291,000			\$291,000
		6825			Total	\$476,712	\$0		\$476,712



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2018	2019	Adjustments	Thru 2019
89	CTR 0236	TBD	CARQ	Replacement Study Old Bridge	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6813			Total	\$0	\$0		\$0
90	CTR 0237	TBD	RSR	Replacement Study Old Bridge	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6814			Total	\$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
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
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
94	CTR 0241	TBD	RSR	Concrete Column Repair	Support	\$0	\$300,000		\$300,000
		REHAB			Capital	\$0			\$0
		6814			Total	\$0	\$300,000		\$300,000
95	CTR 0242	TBD	SMH	Replace and upgrade navigational lights to LED,	Support	\$0			\$0
		REHAB		Upgrade foghorns and radar beacons,	Capital	\$0			\$0
		6826		connect with SCADA for remote control	Total	\$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



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2018	2019	Adjustments	Thru 2019
97	CTR 0244	TBD	RSR	Structural Steel Painting (Lower Deck, Towers)	Support	\$0	\$4,000,000		\$4,000,000
		REHAB		2nd Phase	Capital	\$0	\$18,000,000		\$18,000,000
		6814			Total	\$0	\$22,000,000		\$22,000,000
98	CTR 0245	OP560	Var.	Install BASE radio links	Support	\$300,000			\$300,000
		REHAB		Director's Order	Capital	\$750,000			\$750,000
		6828			Total	\$1,050,000	\$0		\$1,050,000
99	CTR 0246	0Q470	SFO	East Span Skyway Polyester Concrete Overlay Repairs	Support	\$90,000			\$90,000
		REHAB		Director's Order	Capital	\$200,000			\$200,000
		6825			Total	\$290,000	\$0		\$290,000
100	CTR 0247	1Q490	SFO	East Span Replace Expansion Joint Panels	Support	\$86,000			\$86,000
		REHAB		Director's Order	Capital	\$314,000			\$314,000
		6825			Total	\$400,000	\$0		\$400,000
101	CTR 0248	1Q500	BM	Repair Water Line	Support	\$120,000			\$120,000
		REHAB		Director's Order	Capital	\$314,000			\$314,000
		6812			Total	\$434,000	\$0		\$434,000
102	CTR 0249	1Q360	SFO	SFOBB Replace Seismic Joint Headers and Strip Seals	Support	\$200,000			\$200,000
		REHAB		(West Approach & Anchorage)	Capital	\$560,000			\$560,000
		6825		Director's Order	Total	\$760,000	\$0		\$760,000
103	CTR 0250	1Q950	SFO	SFOBB YBI tunnel Repair Fire Suppression System	Support	\$251,000			\$251,000
		REHAB		Director's Order	Capital	\$314,000			\$314,000
		6825			Total	\$565,000	\$0		\$565,000
104	CTR 0251	TBD	Var	High Mast Arm Light (HMAL) repair and conversion to LED	Support	\$0	\$525,000		\$525,000
		REHAB			Capital	\$0	\$1,500,000		\$1,500,000
		8033			Total	\$0	\$2,025,000		\$2,025,000



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status					
					Thru 2018	2019	Adjustments	Thru 2019	
105	CTR 0252	TBD	CAR	Toll Plaza Asphalt Paving and Polyester Overlay	Support	\$0	\$455,000		\$455,000
		REHAB			Capital	\$0	\$1,300,000		\$1,300,000
		8033			Total	\$0	\$1,755,000		\$1,755,000
106	CTR 0253	TBD	SMH	Toll Admin bldg.: Remove underground diesel storage tank (UST)	Support	\$0	\$12,500		\$12,500
		REHAB			Capital	\$0	\$250,000		\$250,000
		8033			Total	\$0	\$262,500		\$262,500
107	CTR 0254	TBD	SMH	Toll Facility Projects TBD	Support	\$0			\$0
		REHAB			Capital	\$0	\$1,000,000		\$1,000,000
		8033			Total	\$0	\$1,000,000		\$1,000,000
108	CTR 0255	TBD	SMH	Spandrel Beam Reconstruction (Highrise)	Support	\$0	\$400,000		\$400,000
		REHAB			Capital	\$0			\$0
		6826			Total	\$0	\$400,000		\$400,000
109	CTR 0256	TBD	ANT	Replace and upgrade Radar Beacons, Navigational Lights	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6811			Total	\$0	\$0		\$0
110	CTR 0257	TBD	SMH	Modify and widen existing high-rise catwalk for access	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6826			Total	\$0	\$0		\$0
111	CTR 0258	TBD	ANT	Replace Fender System	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6811			Total	\$0	\$0		\$0
112	CTR 0259	TBD	CAR	Seismic Transmission Unit (STU) Replacement	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6813			Total	\$0	\$0		\$0



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2018	2019	Adjustments	Thru 2019
113	CTR 0260	TBD	DUM	Steel Crack Mitigation	Support	\$0			\$0
		REHAB			Capital	\$0			\$0
		6827			Total	\$0	\$0		\$0
114	CTR 0261	TBD	SMH	Structural Steel Painting (Towers)	Support	\$0	\$1,650,000		\$1,650,000
		REHAB		Part 2	Capital	\$0	\$9,000,000		\$9,000,000
		6826			Total	\$0	\$10,650,000		\$10,650,000
115	CTR Res	CTR Res	Var.	Caltrans Program Contingency	Support	\$28,000			\$28,000
		REHAB			Capital	\$0	\$4,000,000		\$4,000,000
		6829			Total	\$28,000	\$4,000,000		\$4,028,000
116	880/92	2G361	880/92	Landscaping**	Support	\$1,160,000			\$1,160,000
		RM1			Capital	\$1,800,000			\$1,800,000
		8615			Total	\$2,960,000	\$0		\$2,960,000
117	880/92	2G362	880/92	Landscaping**	Support	\$836,000			\$836,000
		RM1			Capital	\$0			\$0
		8615			Total	\$836,000	\$0		\$836,000
118	BM	0060A	BM	Modification to 1962 Bridge**	Support	\$6,211			\$6,211
		RM1		***	Capital	\$0			\$0
		8210			Total	\$6,211	\$0		\$6,211
119	BM	0060C	BM	Replacement Planting**	Support	\$584,000			\$584,000
		RM1		***	Capital	\$1,125,000			\$1,125,000
		8210			Total	\$1,709,000	\$0		\$1,709,000
120	CAR	0130J	CAR	Site Mitigation 3**	Support	\$150,000			\$150,000
		RM1		***	Capital	\$0			\$0
		8315			Total	\$150,000	\$0		\$150,000



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status					
						Thru 2018	2019	Adjustments	Thru 2019
121	CAR	0130K	CAR	Misc Landscaping**	Support	\$4,177			\$4,177
		RM1		***	Capital	\$0			\$0
		8315			Total	\$4,177	\$0		\$4,177
122	880/92	01601	880/92	880/92 Interchange**	Support	\$344,000			\$344,000
		RM1		***	Capital	\$2,500,000			\$2,500,000
		8615			Total	\$2,844,000	\$0		\$2,844,000
123	SMH	27790	SMH	Bay Trail Improvement**	Support	\$0			\$0
		RM1			Capital	\$115,000			\$115,000
		8637			Total	\$115,000	\$0		\$115,000
124	BR 0001	8531	BATA	Benicia ORT***	Support	\$0			\$0
		REHAB			Capital	\$4,153,000			\$4,153,000
					Total	\$4,153,000	\$0		\$4,153,000
125	BR 0002	8539	BATA	SFOBB Eyebar Review***	Support	\$2,914,000			\$2,914,000
		REHAB			Capital	\$0			\$0
					Total	\$2,914,000	\$0		\$2,914,000
126	BR 0003	8594	BATA	SFOBB West Span Pathway Planning	Support	\$1,750,000			\$1,750,000
		REHAB			Capital	\$10,550,000			\$10,550,000
					Total	\$12,300,000	\$0		\$12,300,000
127	BR 0004	8909	BATA	Gateway Park	Support	\$1,273,000			\$1,273,000
		REHAB			Capital	\$26,701,863			\$26,701,863
					Total	\$27,974,863	\$0		\$27,974,863
128	BR 0005	8913	BATA	SFOBB Administration Building***	Support	\$5,000,000			\$5,000,000
		REHAB			Capital	\$20,619,200			\$20,619,200
					Total	\$25,619,200	\$0		\$25,619,200



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2018	2019	Adjustments	Thru 2019
129	BR 0006	8918	BATA	SFOBB Maintenance Complex	Support	\$0			\$0
		REHAB			Capital	\$531,000			\$531,000
					Total	\$531,000	\$0		\$531,000
130	BR 0008	8921	BATA	SFOBB FasTrak Lane Conversion***	Support	\$0			\$0
		REHAB			Capital	\$3,575,000			\$3,575,000
					Total	\$3,575,000	\$0		\$3,575,000
131	BR 0009	8922	BATA	Metering Lights Upgrade	Support	\$0			\$0
		REHAB			Capital	\$8,930,000			\$8,930,000
					Total	\$8,930,000	\$0		\$8,930,000
132	BR 0010	8920	BATA	SFO Plaza and Canopy Improvements***	Support	\$3,991,000			\$3,991,000
		REHAB			Capital	\$5,272,000			\$5,272,000
					Total	\$9,263,000	\$0		\$9,263,000
133	BR 0011	8923	BATA	Bridge Documentation	Support	\$0			\$0
		REHAB			Capital	\$500,000			\$500,000
					Total	\$500,000	\$0		\$500,000
134	BR 0013	8602	BATA	Hybrid/ETC Lane Modifications***	Support	\$0			\$0
		REHAB			Capital	\$874,000			\$874,000
					Total	\$874,000	\$0		\$874,000
135	BR 0014	8907	BATA	Toll Plaza Maintenance Agreement	Support	\$350,000			\$350,000
		REHAB			Capital	\$21,598,000	\$4,500,000		\$26,098,000
					Total	\$21,948,000	\$4,500,000		\$26,448,000
136	BR 0016	8631	BATA	Callboxes***	Support	\$0			\$0
		REHAB			Capital	\$2,344,000			\$2,344,000
					Total	\$2,344,000	\$0		\$2,344,000



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status					
					Thru 2018	2019	Adjustments	Thru 2019	
137	BR 0017	8900	BATA	2003 CSC Procurement	Support	\$1,679,000			\$1,679,000
		REHAB			Capital	\$10,679,000			\$10,679,000
					Total	\$12,358,000	\$0		\$12,358,000
138	BR 0018	8901	BATA	Ongoing Toll Tag Procurement	Support	\$0			\$0
		REHAB			Capital	\$81,369,532	\$7,800,000		\$89,169,532
					Total	\$81,369,532	\$7,800,000		\$89,169,532
139	BR 0019	8902	BATA	2012 CSC Procurement	Support	\$0			\$0
		REHAB			Capital	\$20,050,000	\$700,000		\$20,750,000
					Total	\$20,050,000	\$700,000		\$20,750,000
140	BR 0020	8903	BATA	Future Lane/Host Upgrades and Replacement	Support	\$0			\$0
		REHAB		(ATCAS)	Capital	\$33,545,000			\$33,545,000
					Total	\$33,545,000	\$0		\$33,545,000
141	BR 0021	8904	BATA	FasTrak Sign and Sign Structure Improvements	Support	\$1,000,000			\$1,000,000
		REHAB		(Strategic Plan)	Capital	\$28,510,130			\$28,510,130
					Total	\$29,510,130	\$0		\$29,510,130
142	BR 0022	8905	BATA	Misc Bridge Improvements	Support	\$400,000			\$400,000
		REHAB			Capital	\$8,099,000	\$3,000,000		\$11,099,000
					Total	\$8,499,000	\$3,000,000		\$11,499,000
143	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		\$4,035,000
144	BR 0025	8912	BATA	Tag Inventory Conversion	Support	\$200,000			\$200,000
		REHAB		(Upgrade Technology)**	Capital	\$1,736,500			\$1,736,500
					Total	\$1,936,500	\$0		\$1,936,500



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status					
					Thru 2018	2019	Adjustments	Thru 2019	
145	BR 0026	8914	BATA	Violation Enforcement System***	Support	\$0			\$0
		REHAB			Capital	\$7,842,000			\$7,842,000
					Total	\$7,842,000	\$0		\$7,842,000
146	BR 0027	8916	BATA	Bay Crossing Study***	Support	\$540,000			\$540,000
		REHAB			Capital	\$0			\$0
					Total	\$540,000	\$0		\$540,000
147	BR 0028	8917	BATA	BATA Technology Security	Support	\$0			\$0
		REHAB		Review and Implementation	Capital	\$750,000			\$750,000
					Total	\$750,000	\$0		\$750,000
148	BR 0029	8926	BATA	Bridge Modeling and Investigations	Support	\$2,000,000			\$2,000,000
		REHAB			Capital	\$3,801,198			\$3,801,198
					Total	\$5,801,198	\$0		\$5,801,198
149	BR 0030	8000-16	BATA	Program Monitoring	Support	\$0			\$0
		REHAB			Capital	\$46,044,709	\$400,000		\$46,444,709
					Total	\$46,044,709	\$400,000		\$46,444,709
150	BR 0031	8000-05	BATA	Capital Program Audits	Support	\$0			\$0
		REHAB			Capital	\$8,300,000			\$8,300,000
					Total	\$8,300,000	\$0		\$8,300,000
151	BR 0034	8924	BATA	Antioch Bridge	Support	\$0			\$0
		REHAB		CCTA 160/4 Interchange	Capital	\$50,000,000			\$50,000,000
					Total	\$50,000,000	\$0		\$50,000,000
152	BR 0035	8930	BATA	Richmond-San Rafael Bridge	Support	\$1,494,000			\$1,494,000
		REHAB		I-580 Access Improvements	Capital	\$77,434,000	\$3,000,000		\$80,434,000
					Total	\$78,928,000	\$3,000,000		\$81,928,000



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status				
					Thru 2018	2019	Adjustments	Thru 2019
153	BR 0038	8937	BATA	Future CSC Procurement	Support	\$0		\$0
		REHAB			Capital	\$3,000,000	\$1,000,000	\$4,000,000
					Total	\$3,000,000	\$1,000,000	\$4,000,000
154	BR 0039	8933	BATA	Plan Bay Area TMS	Support	\$0		\$0
		REHAB			Capital	\$9,000,000		\$9,000,000
					Total	\$9,000,000	\$0	\$9,000,000
155	BR 0040	8012	BATA	All Electronic Tolling Study	Support	\$0		\$0
		REHAB			Capital	\$763,000		\$763,000
					Total	\$763,000	\$0	\$763,000
156	BR 0043	8936	BATA	Backhaul Connection Infrastructure	Support	\$0		\$0
		REHAB			Capital	\$1,000,000		\$1,000,000
					Total	\$1,000,000	\$0	\$1,000,000
157	BR 0044	8540	BATA	Regional Transportation Sea Level Rise Asset	Support	\$0		\$0
		REHAB			Capital	\$2,000,000		\$2,000,000
					Total	\$2,000,000	\$0	\$2,000,000
158	BR 0045	8530	BATA	Drainage studies for the Bridges	Support	\$0		\$0
		REHAB			Capital	\$500,000		\$500,000
					Total	\$500,000	\$0	\$500,000
159	BR 0046	8528	BATA	Bay Lights Maintenance	Support	\$0		\$0
		REHAB			Capital	\$480,000	\$160,000	\$640,000
					Total	\$480,000	\$160,000	\$640,000
160	BR 0047	8938	BATA	Misc East Span Project Improvements	Support	\$0		\$0
		REHAB			Capital	\$12,083,854		\$12,083,854
					Total	\$12,083,854	\$0	\$12,083,854



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status					
					Thru 2018	2019	Adjustments	Thru 2019	
161	BR 0048	8939	BATA	Asset Management	Support	\$0			\$0
		REHAB			Capital	\$2,000,000			\$2,000,000
					Total	\$2,000,000	\$0		\$2,000,000
162	BR 0049	BR 0049	BATA	CHP - COZEEP/MAZEEP	Support	\$0	\$200,000		\$200,000
		REHAB			Capital	\$0			\$0
					Total	\$0	\$200,000		\$200,000
163	BR 0050	BR 0050	BATA	HOV Lane Enforcement	Support	\$0	\$1,300,000		\$1,300,000
		REHAB			Capital	\$0			\$0
					Total	\$0	\$1,300,000		\$1,300,000
164	BR 0051	BR 0051	BATA	Bridge Yard Capital Improvements	Support	\$0	\$0		\$0
		REHAB			Capital	\$0	\$500,000		\$500,000
					Total	\$0	\$500,000		\$500,000
165	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		\$3,258,612



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

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$0	\$256,653,155
	Capital	\$953,154,590	\$48,626,832	\$0	\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097	\$0	\$1,258,434,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status	Thru 2018	2019	Adjustments	Thru 2019

		Thru 2018	2019	Adjustments	Thru 2019
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266		\$256,653,155
	Capital	\$953,154,590	\$48,626,832		\$1,001,781,422
	Total	\$1,186,545,479	\$71,889,097		\$1,258,434,577
Caltrans Rehabilitation Program Summary	Support	\$210,799,889	\$21,762,266		\$232,562,154
	Capital	\$431,224,992	\$27,566,832		\$458,791,824
	Total	\$642,024,881	\$49,329,097		\$691,353,979
BATA Rehabilitation Program Summary	Support	\$22,591,000	\$1,500,000		\$24,091,000
	Capital	\$521,929,598	\$21,060,000		\$542,989,598
	Total	\$544,520,598	\$22,560,000		\$567,080,598

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

**Previous expenses covered in RM1 Program.

*** Project closed to expenditures June 30, 2018 or earlier.



Attachment C-2
 Bay Area Toll Authority
 FY 2019-28 Ten-Year Toll Bridge Rehabilitation Program

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$23,781,000	\$24,864,000	\$21,527,000	\$19,977,000	\$19,777,000	\$20,177,000	\$21,627,000	\$16,097,000	\$16,727,000	\$441,207,155
	Capital	\$953,154,590	\$48,626,832	\$57,160,000	\$54,577,000	\$50,005,000	\$65,760,000	\$54,060,000	\$44,260,000	\$52,860,000	\$40,960,000	\$43,460,000	\$1,464,883,422
	Total	\$1,186,545,479	\$71,889,097	\$80,941,000	\$79,441,000	\$71,532,000	\$85,737,000	\$73,837,000	\$64,437,000	\$74,487,000	\$57,057,000	\$60,187,000	\$1,906,090,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total			
1	Completed	Var.	Var.	Completed/Closed Rehab Projects	Support	\$38,665,694											\$38,665,694			
					Capital	\$78,636,635	\$1												\$78,636,635	
					Total	\$117,302,329	\$1	\$0	\$0	\$0	\$117,302,329									
2	CTR 0001	00297	SFO	Construct New Toll Operations Building***	Support	\$7,625,800												\$7,625,800		
					Capital	\$0														\$0
					Total	\$7,625,800	\$0	\$0	\$0	\$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	-\$151,429											\$5,733,571		
					Capital	\$4,641,000	-\$160,965													\$4,480,035
					Total	\$10,526,000	-\$312,394	\$0	\$0	\$0	\$10,213,606									
4	CTR 0003	01090	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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,778,001
5	CTR 0009	01407	SFO	Toll Plaza Median Landscaping***	Support	\$722,112												\$722,112		
					Capital	\$1,059,888	-\$857,707													\$202,181
					Total	\$1,782,000	-\$857,707	\$0	\$0	\$0	\$924,293									
6	CTR 0010	0120T	SFO	W4 Substation Upgrade, Foghorn Replacement, BASE	Support	\$4,335,000												\$4,335,000		
					Capital	\$12,985,000														\$12,985,000
					Total	\$17,320,000	\$0	\$0	\$0	\$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		
					Capital	\$869,782														\$869,782
					Total	\$1,827,425	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,827,425
8	CTR 0013	04100	SMH	Resurface Orthotropic Deck Deck Rehabilitation & 12KV Cable for Entire Bridge***	Support	\$7,959,000												\$7,959,000		
					Capital	\$28,018,000														\$28,018,000
					Total	\$35,977,000	\$0	\$0	\$0	\$0	\$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		
					Capital	\$0														\$0
					Total	\$72,662	\$0	\$0	\$0	\$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		
					Capital	\$2,777,316														\$2,777,316
					Total	\$5,646,855	\$0	\$0	\$0	\$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		
					Capital	\$2,700,672														\$2,700,672
					Total	\$4,792,203	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,792,203
12	CTR 0145	01205	SFO	SFOBB East Span YBITS 1 YBI Resurfacing/BASE Replace Lighting w/ HPS Lighting System	Support	\$1,640,000												\$1,640,000		
					Capital	\$22,150,000														\$22,150,000
					Total	\$23,790,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,790,000



Attachment C-2
 Bay Area Toll Authority
 FY 2019-28 Ten-Year Toll Bridge Rehabilitation Program

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

	Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
Toll Bridge Rehabilitation Program Summary	Support \$293,390,889	\$23,262,266	\$23,781,000	\$24,864,000	\$21,527,000	\$19,977,000	\$19,777,000	\$20,177,000	\$21,627,000	\$16,097,000	\$16,727,000	\$441,207,155
	Capital \$953,154,590	\$48,626,832	\$57,160,000	\$54,577,000	\$50,005,000	\$65,760,000	\$54,060,000	\$44,260,000	\$52,860,000	\$40,960,000	\$43,460,000	\$1,464,883,422
	Total \$1,186,545,479	\$71,889,097	\$80,941,000	\$79,441,000	\$71,532,000	\$85,737,000	\$73,837,000	\$64,437,000	\$74,487,000	\$57,057,000	\$60,187,000	\$1,906,090,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total			
13	CTR 0018	04907	CAR	Replace Pier 3 Fender Structure Support and Timber Fenders at Piers 2, 3, 4***	Support	\$4,811,400											\$4,811,400			
					REHAB	\$17,652,449													\$17,652,449	
					6813	Total	\$22,463,849	\$0	\$0	\$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	\$0													\$0	
					6825	Total	\$714,010	\$0	\$0	\$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	\$0													\$0	
					6825	Total	\$554,232	\$0	\$0	\$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	\$30,000											\$1,301,000		
					REHAB	\$0													\$0	
					6825	Total	\$1,271,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,301,000
17	CTR 0032	1G720	SFO	Eyebar Monitoring System (ES)***	Support	\$207,931												\$207,931		
					REHAB	\$3,431,263													\$3,431,263	
					6825	Total	\$3,639,194	\$0	\$0	\$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	\$204,900													\$204,900	
					6826	Total	\$258,176	\$0	\$0	\$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	\$0													\$0	
					6828	Total	\$202,495	\$0	\$0	\$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	\$4,034,364													\$4,034,364	
					6826	Total	\$6,790,687	\$0	\$0	\$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	\$0													\$0	
					6828	Total	\$67,738	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$67,738
22	CTR 0045	3G442	SFO	Replace Seismic Dampeners (WS)	Support	\$4,841,000	\$1,300,000	\$1,300,000	\$1,300,000									\$8,741,000		
					REHAB	\$23,000,000														\$23,000,000
					6825	Total	\$27,841,000	\$1,300,000	\$1,300,000	\$1,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$31,741,000
23	CTR 0048	3G487	SFO	Structural Steel Painting, Towers	Support	\$164,669							\$1,500,000	\$3,000,000	\$3,000,000	\$2,500,000		\$10,164,669		
					REHAB	\$0								\$0	\$7,000,000	\$20,000,000	\$15,000,000		\$42,000,000	
					6825	Total	\$164,669	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$10,000,000	\$23,000,000	\$17,500,000		\$52,164,669	
24	CTR 0049	3G470	Var.	Replace travelers and Rails PIDS***	Support	\$159,815												\$159,815		
					REHAB	\$0													\$0	
					6828	Total	\$159,815	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$159,815



Attachment C-2
 Bay Area Toll Authority
 FY 2019-28 Ten-Year Toll Bridge Rehabilitation Program

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

	Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
Toll Bridge Rehabilitation Program Summary	Support \$233,390,889	\$23,262,266	\$23,781,000	\$24,864,000	\$21,527,000	\$19,977,000	\$19,777,000	\$20,177,000	\$21,627,000	\$16,097,000	\$16,727,000	\$441,207,155
	Capital \$953,154,590	\$48,626,832	\$57,160,000	\$54,577,000	\$50,005,000	\$65,760,000	\$54,060,000	\$44,260,000	\$52,860,000	\$40,960,000	\$43,460,000	\$1,464,883,422
	Total \$1,186,545,479	\$71,889,097	\$80,941,000	\$79,441,000	\$71,532,000	\$85,737,000	\$73,837,000	\$64,437,000	\$74,487,000	\$57,057,000	\$60,187,000	\$1,906,090,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total			
25	CTR 0051	3G480	Var.	Caltrans PSR Planning	Support	\$64,164											\$64,164			
					REHAB	Capital	\$0											\$0		
					6828	Total	\$64,164	\$0	\$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	Capital	\$33,036,513	-\$3,736,677										\$29,299,836		
					6814	Total	\$41,311,513	-\$3,736,677	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$37,574,836		
27	CTR 0053	3G486	SMH	Bridge Paint	Support	\$8,623,000											\$8,623,000			
					REHAB	Capital	\$54,000,000											\$54,000,000		
					6826	Total	\$62,623,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$62,623,000		
28	CTR 0055	3G474	RSR	Traveler Rail Upgrades and Scaffolding Ergonomics Improvements	Support	\$872,000							\$600,000	\$600,000	\$600,000	\$700,000	\$3,372,000			
					REHAB	Capital	\$0								\$7,700,000			\$7,700,000		
					6814	Total	\$872,000	\$0	\$0	\$0	\$0	\$0	\$600,000	\$8,300,000	\$600,000	\$700,000	\$11,072,000			
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 Oversight ***	Support	\$396,591											\$396,591			
					REHAB	Capital	\$0											\$0		
					6825	Total	\$396,591	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$396,591		
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	\$7,141,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$16,411,000		
					REHAB	Capital	\$0													\$0
					6828	Total	\$7,141,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$927,000	\$16,411,000
34	CTR 0061	93030	ALL	Toll Bridge Inspections	Support	\$24,300,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$52,300,000		
					REHAB	Capital	\$0													\$0
					6828	Total	\$24,300,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000	\$52,300,000
35	CTR 0062	93870	ALL	Base Security	Support	\$12,200,000	\$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	\$1,700,000	\$29,200,000		
					REHAB	Capital	\$0													\$0
					6828	Total	\$12,200,000	\$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	\$1,700,000	\$1,700,000	\$29,200,000
36	CTR 0235	92685	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	\$6,000,000	\$6,000,000	\$66,000,000		
					REHAB	Capital	\$0													\$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	\$6,000,000	\$6,000,000	\$6,000,000	\$66,000,000



Attachment C-2
 Bay Area Toll Authority
 FY 2019-28 Ten-Year Toll Bridge Rehabilitation Program

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

	Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total	
Toll Bridge Rehabilitation Program	Support	\$233,390,889	\$23,262,266	\$23,781,000	\$24,864,000	\$21,527,000	\$19,977,000	\$19,777,000	\$20,177,000	\$21,627,000	\$16,097,000	\$16,727,000	\$441,207,155
Summary	Capital	\$953,154,590	\$48,626,832	\$57,160,000	\$54,577,000	\$50,005,000	\$65,760,000	\$54,060,000	\$44,260,000	\$52,860,000	\$40,960,000	\$43,460,000	\$1,464,883,422
	Total	\$1,186,545,479	\$71,889,097	\$80,941,000	\$79,441,000	\$71,532,000	\$85,737,000	\$73,837,000	\$64,437,000	\$74,487,000	\$57,057,000	\$60,187,000	\$1,906,090,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	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	\$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	\$0	\$0	\$0	\$3,386
39	CTR 0069	97708 REHAB 6828	Var.	Caltrans ETC Traffic Operations Support	Support	\$6,550,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$10,550,000		
					Capital	\$0														\$0
					Total	\$6,550,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$10,550,000
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	\$1,922,000											\$1,922,000			
					Capital	\$1,182,000													\$1,182,000	
					Total	\$3,104,000	\$0	\$0	\$0	\$0	\$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	\$600,000	\$8,700,000	\$500,000	\$0	\$0	\$0	\$0	\$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	\$3,822,000											\$3,822,000			
					Capital	\$9,200,000	-\$1,034,091												\$8,165,909	
					Total	\$13,022,000	-\$1,034,091	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,987,909
43	CTR 0097	3G305 REHAB 6828	Var.	Replace Fog Horns, Radar Beacons and Related Electrical Systems on Southern Bridges	Support	\$2,594,000	\$130,000										\$2,724,000			
					Capital	\$4,500,000														\$4,500,000
					Total	\$7,094,000	\$130,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,224,000
44	CTR 0107	3G364 REHAB 6814	RSR	Substations Upgrade	Support	\$1,903,000	\$184,726										\$2,087,726			
					Capital	\$8,500,000	-\$8,500,000													\$0
					Total	\$10,403,000	-\$8,315,274	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,087,726
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	\$0	\$0	\$0	\$339,821
46	CTR 0120	3G444 REHAB 6825	SFO	Main Cable Wrap Investigations Phase 1	Support	\$423,000	\$1,100,000										\$1,523,000			
					Capital	\$4,000,000	\$4,000,000													\$8,000,000
					Total	\$4,423,000	\$5,100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,523,000
47	CTR 0121	3G477 REHAB 6825	SFO	Traveler Replacements and Rail Upgrades	Support	\$380,000											\$380,000			
					Capital	\$0													\$0	
					Total	\$380,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$380,000
48	CTR 0126	3G448 REHAB 6825	SFO	W2 to W7 Concrete Column Repair and Seal	Support	\$0											\$0			
					Capital	\$0													\$0	
					Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



Attachment C-2
 Bay Area Toll Authority
 FY 2019-28 Ten-Year Toll Bridge Rehabilitation Program

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

	Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total	
Toll Bridge Rehabilitation Program	Support	\$233,390,889	\$23,262,266	\$23,781,000	\$24,864,000	\$21,527,000	\$19,977,000	\$19,777,000	\$20,177,000	\$21,627,000	\$16,097,000	\$16,727,000	\$441,207,155
Summary	Capital	\$953,154,590	\$48,626,832	\$57,160,000	\$54,577,000	\$50,005,000	\$65,760,000	\$54,060,000	\$44,260,000	\$52,860,000	\$40,960,000	\$43,460,000	\$1,464,883,422
	Total	\$1,186,545,479	\$71,889,097	\$80,941,000	\$79,441,000	\$71,532,000	\$85,737,000	\$73,837,000	\$64,437,000	\$74,487,000	\$57,057,000	\$60,187,000	\$1,906,090,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total				
49	CTR 0128	CTR 0128	SFO	Main Cable Wrap Investigations Phase 2	Support	\$0			\$1,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$1,000,000				\$10,000,000			
					REHAB	\$0					\$10,000,000	\$10,000,000	\$10,000,000							\$30,000,000	
					6825	Total	\$0	\$0	\$0	\$1,000,000	\$2,000,000	\$12,000,000	\$12,000,000	\$12,000,000	\$1,000,000	\$0	\$0	\$0	\$0	\$40,000,000	
50	CTR 0129	3G457	SFO	SFOBB - Replace Joint Seals (Upper & Lower Deck);	Support	\$3,505,000												\$3,505,000			
					REHAB	\$5,589,878	-\$220,996													\$5,368,882	
					6825	Total	\$9,094,878	-\$220,996	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,873,882
51	CTR 0134	4H970	SFO	Gateway Park Oversight and Link (4H971) PAED	Support	\$1,910,000												\$1,910,000			
					REHAB	\$0														\$0	
					6825	Total	\$1,910,000	\$0	\$0	\$0	\$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	\$38,600,000	\$3,074,000														\$41,674,000
					6825	Total	\$41,464,000	\$3,074,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44,538,000
53	CTR 0148	01410	SFO	SFOBB Maintenance Complex	Support	\$0												\$0			
					REHAB	\$17,900,000															\$17,900,000
					6825	Total	\$17,900,000	\$0	\$0	\$0	\$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	\$1,716,000	-\$531											\$1,715,469			
					REHAB	\$1,479,122	-\$6,078														\$1,473,044
					6825	Total	\$3,195,122	-\$6,610	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,188,512
55	CTR 0152	0120M	SFO	Toll Plaza Repaving	Support	\$825,782												\$825,782			
					REHAB	\$7,462,218															\$7,462,218
					6825	Total	\$8,288,000	\$0	\$0	\$0	\$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	\$1,602,286															\$1,602,286
					6825	Total	\$1,602,286	\$0	\$0	\$0	\$0	\$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	\$0														\$0	
					6825	Total	\$159,900	\$0	\$0	\$0	\$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	\$0														\$0	
					6828	Total	\$57,611	\$0	\$0	\$0	\$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	\$0														\$0	
					6828	Total	\$99,415	\$0	\$0	\$0	\$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	\$0														\$0	
					6828	Total	\$134,556	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$134,556



Attachment C-2
 Bay Area Toll Authority
 FY 2019-28 Ten-Year Toll Bridge Rehabilitation Program

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

	Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
Toll Bridge Rehabilitation Program Summary	Support \$233,390,889	\$23,262,266	\$23,781,000	\$24,864,000	\$21,527,000	\$19,977,000	\$19,777,000	\$20,177,000	\$21,627,000	\$16,097,000	\$16,727,000	\$441,207,155
	Capital \$953,154,590	\$48,626,832	\$57,160,000	\$54,577,000	\$50,005,000	\$65,760,000	\$54,060,000	\$44,260,000	\$52,860,000	\$40,960,000	\$43,460,000	\$1,464,883,422
	Total \$1,186,545,479	\$71,889,097	\$80,941,000	\$79,441,000	\$71,532,000	\$85,737,000	\$73,837,000	\$64,437,000	\$74,487,000	\$57,057,000	\$60,187,000	\$1,906,090,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
61	CTR 0158	0120F	SFO	East Span Base	Support	\$0											\$0
		REHAB			Capital	\$1,965,000											\$1,965,000
		6825			Total	\$1,965,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
62	CTR 0159	2J870	SFO	West Span BASE	Support	\$588,000											\$588,000
		REHAB			Capital	\$9,500,000											\$9,500,000
		6825			Total	\$10,088,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
63	CTR 0160	4H180	SFO	Refill Seismic Dampeners***	Support	\$22,052											\$22,052
		REHAB			Capital	\$252,546											\$252,546
		6825			Total	\$274,597	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
64	CTR 0163	3G447	SFO	Rebuild Damaged Fender System *** W6	Support	\$238,798											\$238,798
		REHAB			Capital	\$772,842											\$772,842
		6825			Total	\$1,011,640	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
65	CTR 0182	3G478	Var	PID - Water Line System Air Compressor, Airlines	Support	\$193,307											\$193,307
		REHAB			Capital	\$0											\$0
		6828			Total	\$193,307	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
66	CTR 0201	0J120	RSR	Replace Expansion Joint at Pier 44E***	Support	\$68,600											\$68,600
		REHAB			Capital	\$270,000											\$270,000
		6814			Total	\$338,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
67	CTR 0202	0J870	SFO	Install Air Gap Monitoring System***	Support	\$95,994											\$95,994
		REHAB			Capital	\$128,755											\$128,755
		6825			Total	\$224,749	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
68	CTR 0203	3G360	Var.	Replace Various Navigational and Utility Equipment Supplemental PID***	Support	\$127,649											\$127,649
		REHAB			Capital	\$0											\$0
		6828			Total	\$127,649	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
69	CTR 0204	3G301	Var.	Replace Fog Horns, Radar Beacons and Related Electrical Systems on Northern Bridges	Support	\$1,556,394											\$1,556,394
		REHAB			Capital	\$0											\$0
		6828			Total	\$1,556,394	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
70	CTR 0206	2J680	RSR	RSR Access - PPUL Oversight	Support	\$3,418,000											\$3,418,000
		REHAB			Capital	\$0											\$0
		6814			Total	\$3,418,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
71	CTR 0212	3G368	Var	Substation and Power Cable	Support	\$250,000											\$250,000
		REHAB			Capital	\$0											\$0
		6828			Total	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
72	CTR 0213	01412	SFO	CT Oversight of Bridge Yard (IERBYS Building Slab) ***	Support	\$276,198											\$276,198
		REHAB			Capital	\$0											\$0
		6825			Total	\$276,198	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



Attachment C-2
 Bay Area Toll Authority
 FY 2019-28 Ten-Year Toll Bridge Rehabilitation Program

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

	Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
Toll Bridge Rehabilitation Program Summary	Support \$233,390,889	\$23,262,266	\$23,781,000	\$24,864,000	\$21,527,000	\$19,977,000	\$19,777,000	\$20,177,000	\$21,627,000	\$16,097,000	\$16,727,000	\$441,207,155
	Capital \$953,154,590	\$48,626,832	\$57,160,000	\$54,577,000	\$50,005,000	\$65,760,000	\$54,060,000	\$44,260,000	\$52,860,000	\$40,960,000	\$43,460,000	\$1,464,883,422
	Total \$1,186,545,479	\$71,889,097	\$80,941,000	\$79,441,000	\$71,532,000	\$85,737,000	\$73,837,000	\$64,437,000	\$74,487,000	\$57,057,000	\$60,187,000	\$1,906,090,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total		
73	CTR 0214	01413	SFO	CT Oversight of Bridge Yard	Support	\$476,178											\$476,178		
		REHAB		(IERBYS Building Retrofit)***	Capital	\$0												\$0	
		6825			Total	\$476,178	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,253,708	
75	CTR 0216	2J410	CARQ	Al Zampa (CARQ) Joint Repair ***	Support	\$146,672												\$146,672	
		REHAB			Capital	\$183,592												\$183,592	
		6813			Total	\$330,265	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$330,265	
76	CTR 0217	2J400	SFO	I-880 Overhead Signage and Delineation Upgrade	Support	\$46,649												\$46,649	
		REHAB		Oversight***	Capital	\$0												\$0	
		6825			Total	\$46,649	\$0	\$0	\$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	\$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	\$0	\$1,000,000	
79	CTR 0225	4J710	RSR	RSR Access - Bike Ped Oversight	Support	\$937,000												\$937,000	
		REHAB			Capital	\$0												\$0	
		6814			Total	\$937,000	\$0	\$0	\$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	-\$1												\$119,999
		8033			Total	\$192,000	-\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$191,999	
81	CTR 0227	1K470	SMH	Roof Repairs at toll admin building (Toll Plaza)	Support	\$60,000												\$60,000	
		REHAB		Minor Rehab**	Capital	\$100,000	-\$450												\$99,550
		8033			Total	\$160,000	-\$450	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$159,550	
82	CTR 0228	1K460	BM	Bird abatement at Benicia Toll Plaza	Support	\$150,000	\$0											\$150,000	
		REHAB		Minor Rehab	Capital	\$250,000	-\$50												\$249,950
		8033			Total	\$400,000	-\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$399,950	
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	\$0	\$4,660,000	
84	CTR 0230	3G482	BM	Repair Seismic Joint - Pier 3	Support	\$148,912												\$148,912	
		REHAB		Director's Order***	Capital	\$291,000	-\$40,154												\$250,846
		6812			Total	\$439,912	-\$40,154	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$399,758	



Attachment C-2
 Bay Area Toll Authority
 FY 2019-28 Ten-Year Toll Bridge Rehabilitation Program

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total	
Toll Bridge Rehabilitation Program		Support	\$233,390,889	\$23,262,266	\$23,781,000	\$24,864,000	\$21,527,000	\$19,977,000	\$19,777,000	\$20,177,000	\$21,627,000	\$16,097,000	\$16,727,000	\$441,207,155
Summary		Capital	\$953,154,590	\$48,626,832	\$57,160,000	\$54,577,000	\$50,005,000	\$65,760,000	\$54,060,000	\$44,260,000	\$52,860,000	\$40,960,000	\$43,460,000	\$1,464,883,422
		Total	\$1,186,545,479	\$71,889,097	\$80,941,000	\$79,441,000	\$71,532,000	\$85,737,000	\$73,837,000	\$64,437,000	\$74,487,000	\$57,057,000	\$60,187,000	\$1,906,090,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total	
85	CTR 0231	TBD	RSR	Replace Aircraft Beacon, Fog Horns, Radar Beacons	Support	\$0		\$600,000	\$1,400,000								\$2,000,000	
		REHAB		and Related Electrical Systems	Capital	\$0		\$1,000,000	\$4,500,000									\$5,500,000
		6814		and connect with SCADA	Total	\$0	\$0	\$1,600,000	\$5,900,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,500,000
86	CTR 0232	2K960	SFO	YBI Tunnel Concrete Repair	Support	\$695,000												\$695,000
		REHAB			Capital	\$1,580,000												\$1,580,000
		6825			Total	\$2,275,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,275,000
87	CTR 0233	3G445	SFO	Fender Repair	Support	\$1,280,000												\$1,280,000
		REHAB		Director's Order	Capital	\$4,700,000												\$4,700,000
		6825			Total	\$5,980,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,980,000
88	CTR 0234	2K560	SFO	Repair SFOBB Seismic Dampers	Support	\$185,712												\$185,712
		REHAB		Director's Order	Capital	\$291,000												\$291,000
		6825			Total	\$476,712	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$476,712
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	\$1,000,000	\$0	\$0	\$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	\$1,000,000	\$0	\$0	\$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	\$300,000	\$5,000,000	\$0	\$0	\$0	\$5,300,000
92	CTR 0239	TBD	SFO	Replace Aircraft Beacon, Fog Horns, Radar Beacons	Support	\$0										\$300,000	\$700,000	\$1,000,000
		REHAB		and Related Electrical Systems and connect with SCADA	Capital	\$0											\$3,600,000	\$3,600,000
		6825			Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$4,300,000	\$4,300,000	\$4,600,000	
93	CTR 0240	TBD	CARQ	Replace Radar Beacons and Related Electrical Systems	Support	\$0		\$800,000										\$950,000
		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	\$150,000	\$3,450,000
94	CTR 0241	TBD	RSR	Concrete Column Repair	Support	\$0	\$300,000	\$300,000	\$400,000									\$1,000,000
		REHAB			Capital	\$0		\$2,800,000										\$2,800,000
		6814			Total	\$0	\$300,000	\$3,100,000	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,800,000
95	CTR 0242	TBD	SMH	Replace and upgrade navigational lights to LED	Support	\$0										\$170,000	\$650,000	\$820,000
		REHAB		Upgrade foghorns and radar beacons,	Capital	\$0											\$1,900,000	\$1,900,000
		6826		connect with SCADA for remote control	Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$170,000	\$2,550,000	\$2,720,000	
96	CTR 0243	TBD	SFO	Replace Fender System and Skirt Modifications	Support	\$0		\$1,000,000	\$1,000,000	\$2,000,000	\$2,000,000	\$2,000,000						\$8,000,000
		REHAB			Capital	\$0				\$10,000,000	\$25,000,000	\$25,000,000						\$60,000,000
		6825			Total	\$0	\$0	\$1,000,000	\$1,000,000	\$12,000,000	\$27,000,000	\$27,000,000	\$0	\$0	\$0	\$0	\$0	\$68,000,000



Attachment C-2
 Bay Area Toll Authority
 FY 2019-28 Ten-Year Toll Bridge Rehabilitation Program

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

	Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total	
Toll Bridge Rehabilitation Program	Support	\$233,390,889	\$23,262,266	\$23,781,000	\$24,864,000	\$21,527,000	\$19,977,000	\$19,777,000	\$20,177,000	\$21,627,000	\$16,097,000	\$16,727,000	\$441,207,155
Summary	Capital	\$953,154,590	\$48,626,832	\$57,160,000	\$54,577,000	\$50,005,000	\$65,760,000	\$54,060,000	\$44,260,000	\$52,860,000	\$40,960,000	\$43,460,000	\$1,464,883,422
	Total	\$1,186,545,479	\$71,889,097	\$80,941,000	\$79,441,000	\$71,532,000	\$85,737,000	\$73,837,000	\$64,437,000	\$74,487,000	\$57,057,000	\$60,187,000	\$1,906,090,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total	
97	CTR 0244	TBD	RSR	Structural Steel Painting (Lower Deck, Towers)	Support	\$0	\$4,000,000	\$4,000,000	\$4,000,000	\$3,000,000	\$0	\$2,500,000	\$3,500,000	\$3,500,000			\$24,500,000	
		REHAB		2nd Phase	Capital	\$0	\$18,000,000	\$18,000,000	\$17,000,000	\$17,000,000			\$15,000,000	\$15,000,000	\$0	\$0	\$0	\$100,000,000
		6814			Total	\$0	\$22,000,000	\$22,000,000	\$21,000,000	\$20,000,000	\$0	\$2,500,000	\$18,500,000	\$18,500,000	\$0	\$0	\$0	\$124,500,000
98	CTR 0245	0P560	Var.	Install BASE radio links	Support	\$300,000											\$300,000	
		REHAB		Director's Order	Capital	\$750,000												\$750,000
		6828			Total	\$1,050,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,050,000
99	CTR 0246	0Q470	SFO	East Span Skyway Polyester Concrete Overlay Repairs	Support	\$90,000											\$90,000	
		REHAB		Director's Order	Capital	\$200,000												\$200,000
		6825			Total	\$290,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$290,000
100	CTR 0247	1Q490	SFO	East Span Replace Expansion Joint Panels	Support	\$86,000											\$86,000	
		REHAB		Director's Order	Capital	\$314,000												\$314,000
		6825			Total	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
101	CTR 0248	1Q500	BM	Repair Water Line	Support	\$120,000											\$120,000	
		REHAB		Director's Order	Capital	\$314,000												\$314,000
		6812			Total	\$434,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$434,000
102	CTR 0249	1Q360	SFO	SFOBB Replace Seismic Joint Headers and Strip Seals	Support	\$200,000											\$200,000	
		REHAB		(West Approach & Anchorage)	Capital	\$560,000												\$560,000
		6825		Director's Order	Total	\$760,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$760,000
103	CTR 0250	1Q950	SFO	SFOBB YBI tunnel Repair Fire Suppression System	Support	\$251,000											\$251,000	
		REHAB		Director's Order	Capital	\$314,000												\$314,000
		6825			Total	\$565,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$565,000
104	CTR 0251	TBD	Var	High Mast Arm Light (HMAL) repair and conversion to LED	Support	\$0	\$525,000										\$525,000	
		REHAB			Capital	\$0	\$1,500,000											\$1,500,000
		8033			Total	\$0	\$2,025,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,025,000
105	CTR 0252	TBD	CAR	Toll Plaza Asphalt Paving and Polyester Overlay	Support	\$0	\$455,000										\$455,000	
		REHAB			Capital	\$0	\$1,300,000											\$1,300,000
		8033			Total	\$0	\$1,755,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,755,000
106	CTR 0253	TBD	SMH	Toll Admin bldg.: Remove underground diesel storage tank (UST)	Support	\$0	\$12,500										\$12,500	
		REHAB			Capital	\$0	\$250,000											\$250,000
		8033			Total	\$0	\$262,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$262,500
107	CTR 0254	TBD	SMH	Toll Facility Projects TBD	Support	\$0											\$0	
		REHAB			Capital	\$0	\$1,000,000											\$1,000,000
		8033			Total	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
108	CTR 0255	TBD	SMH	Spandrel Beam Reconstruction (Highrise)	Support	\$0	\$400,000	\$400,000	\$400,000									\$1,200,000
		REHAB			Capital	\$0		\$4,000,000										\$4,000,000
		6825			Total	\$0	\$400,000	\$4,400,000	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,200,000



Attachment C-2
 Bay Area Toll Authority
 FY 2019-28 Ten-Year Toll Bridge Rehabilitation Program

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

	Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
Toll Bridge Rehabilitation Program Summary	Support \$233,390,889	\$23,262,266	\$23,781,000	\$24,864,000	\$21,527,000	\$19,977,000	\$19,777,000	\$20,177,000	\$21,627,000	\$16,097,000	\$16,727,000	\$441,207,155
	Capital \$953,154,590	\$48,626,832	\$57,160,000	\$54,577,000	\$50,005,000	\$65,760,000	\$54,060,000	\$44,260,000	\$52,860,000	\$40,960,000	\$43,460,000	\$1,464,883,422
	Total \$1,186,545,479	\$71,889,097	\$80,941,000	\$79,441,000	\$71,532,000	\$85,737,000	\$73,837,000	\$64,437,000	\$74,487,000	\$57,057,000	\$60,187,000	\$1,906,090,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total		
109	CTR 0256	TBD	ANT	Replace and upgrade Radar Beacons, Navigational Lights	Support	\$0			\$7,000			\$200,000	\$250,000				\$457,000		
		REHAB			Capital	\$0			\$17,000				\$400,000					\$417,000	
		6811			Total	\$0	\$0	\$0	\$24,000	\$0	\$0	\$200,000	\$650,000	\$0	\$0	\$0	\$0	\$874,000	
110	CTR 0257	TBD	SMH	Modify and widen existing high-rise catwalk for access	Support	\$0		\$100,000	\$300,000	\$100,000								\$500,000	
		REHAB			Capital	\$0		\$2,500,000										\$2,500,000	
		6826			Total	\$0	\$0	\$2,600,000	\$300,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000	
111	CTR 0258	TBD	ANT	Replace Fender System	Support	\$0		\$70,000	\$230,000	\$300,000	\$100,000							\$700,000	
		REHAB			Capital	\$0				\$2,000,000								\$2,000,000	
		6811			Total	\$0	\$0	\$70,000	\$230,000	\$2,300,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,700,000	
112	CTR 0259	TBD	CAR	Seismic Transmission Unit (STU) Replacement	Support	\$0					\$300,000	\$300,000						\$600,000	
		REHAB			Capital	\$0							\$600,000					\$600,000	
		6813			Total	\$0	\$0	\$0	\$0	\$0	\$300,000	\$900,000	\$0	\$0	\$0	\$0	\$0	\$1,200,000	
113	CTR 0260	TBD	DUM	Steel Crack Mitigation	Support	\$0					\$250,000	\$250,000						\$500,000	
		REHAB			Capital	\$0							\$700,000					\$700,000	
		6827			Total	\$0	\$0	\$0	\$0	\$0	\$250,000	\$950,000	\$0	\$0	\$0	\$0	\$0	\$1,200,000	
114	CTR 0261	TBD	SMH	Structural Steel Painting (Towers) Part 2	Support	\$0	\$1,650,000	\$750,000	\$1,500,000	\$1,500,000	\$1,100,000							\$6,500,000	
		REHAB			Capital	\$0	\$9,000,000	\$0	\$18,000,000	\$0	\$0								\$27,000,000
		6826			Total	\$0	\$10,650,000	\$750,000	\$19,500,000	\$1,500,000	\$1,100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$33,500,000	
115	CTR Res	CTR Res	Var.	Caltrans Program Contingency	Support	\$28,000												\$28,000	
		REHAB			Capital	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,000,000	
		6829			Total	\$28,000	\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,028,000	
116	880/92	2G361	880/92	Landscaping**	Support	\$1,160,000												\$1,160,000	
		RM1			Capital	\$1,800,000												\$1,800,000	
		8615			Total	\$2,960,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,960,000	
117	880/92	2G362	880/92	Landscaping**	Support	\$836,000												\$836,000	
		RM1			Capital	\$0												\$0	
		8615			Total	\$836,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$836,000	
118	BM	0060A	BM	Modification to 1962 Bridge** ***	Support	\$6,211												\$6,211	
		RM1			Capital	\$0												\$0	
		8210			Total	\$6,211	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,211	
119	BM	0060C	BM	Replacement Planting** ***	Support	\$584,000												\$584,000	
		RM1			Capital	\$1,125,000												\$1,125,000	
		8210			Total	\$1,709,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,709,000	
120	CAR	0130J	CAR	Site Mitigation 3** ***	Support	\$150,000												\$150,000	
		RM1			Capital	\$0												\$0	
		8315			Total	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	



Attachment C-2
 Bay Area Toll Authority
 FY 2019-28 Ten-Year Toll Bridge Rehabilitation Program

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

	Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total	
Toll Bridge Rehabilitation Program	Support	\$233,390,889	\$23,262,266	\$23,781,000	\$24,864,000	\$21,527,000	\$19,977,000	\$19,777,000	\$20,177,000	\$21,627,000	\$16,097,000	\$16,727,000	\$441,207,155
Summary	Capital	\$953,154,590	\$48,626,832	\$57,160,000	\$54,577,000	\$50,005,000	\$65,760,000	\$54,060,000	\$44,260,000	\$52,860,000	\$40,960,000	\$43,460,000	\$1,464,883,422
	Total	\$1,186,545,479	\$71,889,097	\$80,941,000	\$79,441,000	\$71,532,000	\$85,737,000	\$73,837,000	\$64,437,000	\$74,487,000	\$57,057,000	\$60,187,000	\$1,906,090,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total	
121	CAR	0130K	CAR	Misc Landscaping**	Support	\$4,177											\$4,177	
					Capital	\$0												\$0
					Total	\$4,177	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
122	880/92	01601	880/92	880/92 Interchange**	Support	\$344,000											\$344,000	
					Capital	\$2,500,000												\$2,500,000
					Total	\$2,844,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
123	SMH	27790	SMH	Bay Trail Improvement**	Support	\$0											\$0	
					Capital	\$115,000												\$115,000
					Total	\$115,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
124	BR 0001	8531	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	\$0	\$0
125	BR 0002	8539	BATA	SFOBB Eyebrow 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	\$0	\$0
126	BR 0003	8594	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	\$0	\$0
127	BR 0004	8909	BATA	Gateway Park	Support	\$1,273,000											\$1,273,000	
					Capital	\$26,701,863												\$26,701,863
					Total	\$27,974,863	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
128	BR 0005	8913	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	\$0	\$0
129	BR 0006	8918	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	\$0	\$0
130	BR 0008	8921	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	\$0	\$0
131	BR 0009	8922	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	\$0	\$0
132	BR 0010	8920	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	\$0	\$0



Attachment C-2
 Bay Area Toll Authority
 FY 2019-28 Ten-Year Toll Bridge Rehabilitation Program

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

	Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
Toll Bridge Rehabilitation Program Summary	Support \$233,390,889	\$23,262,266	\$23,781,000	\$24,864,000	\$21,527,000	\$19,977,000	\$19,777,000	\$20,177,000	\$21,627,000	\$16,097,000	\$16,727,000	\$441,207,155
	Capital \$953,154,590	\$48,626,832	\$57,160,000	\$54,577,000	\$50,005,000	\$65,760,000	\$54,060,000	\$44,260,000	\$52,860,000	\$40,960,000	\$43,460,000	\$1,464,883,422
	Total \$1,186,545,479	\$71,889,097	\$80,941,000	\$79,441,000	\$71,532,000	\$85,737,000	\$73,837,000	\$64,437,000	\$74,487,000	\$57,057,000	\$60,187,000	\$1,906,090,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total	
133	BR 0011	8923	BATA	Bridge Documentation	Support	\$0											\$0	
					Capital	\$500,000												\$500,000
					Total	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
134	BR 0013	8602	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	\$0	\$874,000
135	BR 0014	8907	BATA	Toll Plaza Maintenance Agreement	Support	\$350,000											\$350,000	
					Capital	\$21,598,000	\$4,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$57,598,000	
					Total	\$21,948,000	\$4,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$57,948,000	
136	BR 0016	8631	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	\$0	\$2,344,000
137	BR 0017	8900	BATA	2003 CSC Procurement	Support	\$1,679,000											\$1,679,000	
					Capital	\$10,679,000												\$10,679,000
					Total	\$12,358,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,358,000
138	BR 0018	8901	BATA	Ongoing Toll Tag Procurement	Support	\$0											\$0	
					Capital	\$81,369,532	\$7,800,000	\$10,500,000	\$8,800,000	\$9,600,000	\$10,500,000	\$11,500,000	\$12,600,000	\$13,900,000	\$15,200,000	\$16,500,000	\$198,269,532	
					Total	\$81,369,532	\$7,800,000	\$10,500,000	\$8,800,000	\$9,600,000	\$10,500,000	\$11,500,000	\$12,600,000	\$13,900,000	\$15,200,000	\$16,500,000	\$198,269,532	
139	BR 0019	8902	BATA	2012 CSC Procurement	Support	\$0											\$0	
					Capital	\$20,050,000	\$700,000	\$700,000	\$500,000	\$500,000							\$22,450,000	
					Total	\$20,050,000	\$700,000	\$700,000	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$22,450,000	
140	BR 0020	8903	BATA	Future Lane/Host Upgrades and Replacement (ATCAS)	Support	\$0											\$0	
					Capital	\$33,545,000				\$4,145,000	\$6,000,000						\$43,690,000	
					Total	\$33,545,000	\$0	\$0	\$0	\$4,145,000	\$6,000,000	\$0	\$0	\$0	\$0	\$0	\$43,690,000	
141	BR 0021	8904	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	
142	BR 0022	8905	BATA	Misc Bridge Improvements	Support	\$400,000											\$400,000	
					Capital	\$8,099,000	\$3,000,000										\$11,099,000	
					Total	\$8,499,000	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,499,000	
143	BR 0023	8908	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	
144	BR 0025	8912	BATA	Tag Inventory Conversion (Upgrade Technology)***	Support	\$200,000											\$200,000	
					Capital	\$1,736,500											\$1,736,500	
					Total	\$1,936,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,936,500	



Attachment C-2
 Bay Area Toll Authority
 FY 2019-28 Ten-Year Toll Bridge Rehabilitation Program

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

	Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total	
Toll Bridge Rehabilitation Program	Support	\$233,390,889	\$23,262,266	\$23,781,000	\$24,864,000	\$21,527,000	\$19,977,000	\$19,777,000	\$20,177,000	\$21,627,000	\$16,097,000	\$16,727,000	\$441,207,155
Summary	Capital	\$953,154,590	\$48,626,832	\$57,160,000	\$54,577,000	\$50,005,000	\$65,760,000	\$54,060,000	\$44,260,000	\$52,860,000	\$40,960,000	\$43,460,000	\$1,464,883,422
	Total	\$1,186,545,479	\$71,889,097	\$80,941,000	\$79,441,000	\$71,532,000	\$85,737,000	\$73,837,000	\$64,437,000	\$74,487,000	\$57,057,000	\$60,187,000	\$1,906,090,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total				
145	BR 0026	8914	BATA	Violation Enforcement System***	Support	\$0											\$0				
					REHAB	Capital	\$7,842,000												\$7,842,000		
					Total	\$7,842,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,842,000	
146	BR 0027	8916	BATA	Bay Crossing Study***	Support	\$540,000												\$540,000			
					REHAB	Capital	\$0													\$0	
					Total	\$540,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$540,000	
147	BR 0028	8917	BATA	BATA Technology Security Review and Implementation	Support	\$0												\$0			
					REHAB	Capital	\$750,000													\$750,000	
					Total	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000	
148	BR 0029	8926	BATA	Bridge Modeling and Investigations	Support	\$2,000,000												\$2,000,000			
					REHAB	Capital	\$3,801,198													\$3,801,198	
					Total	\$5,801,198	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,801,198	
149	BR 0030	8000-16	BATA	Program Monitoring	Support	\$0												\$0			
					REHAB	Capital	\$46,044,709	\$400,000		\$500,000	\$1,500,000	\$1,000,000	\$500,000	\$500,000						\$50,444,709	
					Total	\$46,044,709	\$400,000	\$0	\$500,000	\$1,500,000	\$1,000,000	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$50,444,709	
150	BR 0031	8000-05	BATA	Capital Program Audits	Support	\$0												\$0			
					REHAB	Capital	\$8,300,000		\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$12,800,000	
					Total	\$8,300,000	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$12,800,000	
151	BR 0034	8924	BATA	Antioch Bridge CCTA 160/4 Interchange	Support	\$0												\$0			
					REHAB	Capital	\$50,000,000													\$50,000,000	
					Total	\$50,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000,000	
152	BR 0035	8930	BATA	Richmond-San Rafael Bridge I-580 Access Improvements	Support	\$1,494,000												\$1,494,000			
					REHAB	Capital	\$77,434,000	\$3,000,000													\$80,434,000
					Total	\$78,928,000	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$81,928,000
153	BR 0038	8937	BATA	Future CSC Procurement	Support	\$0												\$0			
					REHAB	Capital	\$3,000,000	\$1,000,000	\$10,000,000			\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$17,000,000	
					Total	\$3,000,000	\$1,000,000	\$10,000,000	\$0	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$17,000,000	
154	BR 0039	8933	BATA	Plan Bay Area TMS	Support	\$0												\$0			
					REHAB	Capital	\$9,000,000													\$9,000,000	
					Total	\$9,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,000,000	
155	BR 0040	8012	BATA	All Electronic Tolling Study	Support	\$0												\$0			
					REHAB	Capital	\$763,000													\$763,000	
					Total	\$763,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$763,000	
156	BR 0043	8936	BATA	Backhaul Connection Infrastructure	Support	\$0												\$0			
					REHAB	Capital	\$1,000,000													\$1,000,000	
					Total	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	



Attachment C-2
 Bay Area Toll Authority
 FY 2019-28 Ten-Year Toll Bridge Rehabilitation Program

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$23,781,000	\$24,864,000	\$21,527,000	\$19,977,000	\$19,777,000	\$20,177,000	\$21,627,000	\$16,097,000	\$16,727,000	\$441,207,155
	Capital	\$953,154,590	\$48,626,832	\$57,160,000	\$54,577,000	\$50,005,000	\$65,760,000	\$54,060,000	\$44,260,000	\$52,860,000	\$40,960,000	\$43,460,000	\$1,464,883,422
	Total	\$1,186,545,479	\$71,889,097	\$80,941,000	\$79,441,000	\$71,532,000	\$85,737,000	\$73,837,000	\$64,437,000	\$74,487,000	\$57,057,000	\$60,187,000	\$1,906,090,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total				
157	BR 0044	8540 REHAB	BATA	Regional Transportation Sea Level Rise Asset	Support	\$0											\$0				
					Capital	\$2,000,000													\$2,000,000		
					Total	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	
158	BR 0045	8530 REHAB	BATA	Drainage studies for the Bridges	Support	\$0												\$0			
					Capital	\$500,000														\$500,000	
					Total	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	
159	BR 0046	8528 REHAB	BATA	Bay Lights Maintenance	Support	\$0												\$0			
					Capital	\$480,000	\$160,000	\$160,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$2,880,000		
					Total	\$480,000	\$160,000	\$160,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$2,880,000		
160	BR 0047	8938 REHAB	BATA	Misc East Span Project Improvements	Support	\$0												\$0			
					Capital	\$12,083,854														\$12,083,854	
					Total	\$12,083,854	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,083,854	
161	BR 0048	8939 REHAB	BATA	Asset Management	Support	\$0												\$0			
					Capital	\$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	\$1,000,000	\$1,000,000	\$11,000,000		
					Total	\$2,000,000	\$0	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$11,000,000		
162	BR 0049	BR 0049 REHAB	BATA	CHP - COZEEP/MAZEPP	Support	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$2,000,000		
					Capital																\$0
					Total	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$2,000,000	
163	BR 0050	BR 0050 REHAB	BATA	HOV Lane Enforcement	Support	\$0	\$1,300,000	\$1,300,000	\$1,300,000									\$3,900,000			
					Capital															\$0	
					Total	\$0	\$1,300,000	\$1,300,000	\$1,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,900,000	
164	BR 0051	BR 0051 REHAB	BATA	Bridge Yard Capital Improvements	Support	\$0	\$0	\$0	\$0									\$0			
					Capital	\$0	\$500,000												\$700,000	\$1,200,000	
					Total	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$700,000	\$1,200,000		
165	BR Res	8928 REHAB	Var.	BATA Program Contingency	Support	\$0												\$0			
					Capital	\$3,258,612														\$3,258,612	
					Total	\$3,258,612	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,258,612	



Attachment C-2
 Bay Area Toll Authority
 FY 2019-28 Ten-Year Toll Bridge Rehabilitation Program

BATA Resolution No. 124
 Date: June 27, 2018
 W.I.: 1251
 Referred by: BATA Oversight Committee

		Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
Toll Bridge Rehabilitation Program Summary	Support	\$233,390,889	\$23,262,266	\$23,781,000	\$24,864,000	\$21,527,000	\$19,977,000	\$19,777,000	\$20,177,000	\$21,627,000	\$16,097,000	\$16,727,000	\$441,207,155
	Capital	\$953,154,590	\$48,626,832	\$57,160,000	\$54,577,000	\$50,005,000	\$65,760,000	\$54,060,000	\$44,260,000	\$52,860,000	\$40,960,000	\$43,460,000	\$1,464,883,422
	Total	\$1,186,545,479	\$71,889,097	\$80,941,000	\$79,441,000	\$71,532,000	\$85,737,000	\$73,837,000	\$64,437,000	\$74,487,000	\$57,057,000	\$60,187,000	\$1,906,090,577

Line No.	Project No.	EA Program	Bridge CCA	Description Status		Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
----------	-------------	------------	------------	--------------------	--	-----------	------	------	------	------	------	------	------	------	------	------	-------

						Thru 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
*Caltrans Capital includes capital outlay construction and right-of-way.	Toll Bridge Rehabilitation Program Summary	Support				\$233,390,889	\$23,262,266	\$23,781,000	\$24,864,000	\$21,527,000	\$19,977,000	\$19,777,000	\$20,177,000	\$21,627,000	\$16,097,000	\$16,727,000	\$441,207,155
		Capital				\$953,154,590	\$48,626,832	\$57,160,000	\$54,577,000	\$50,005,000	\$65,760,000	\$54,060,000	\$44,260,000	\$52,860,000	\$40,960,000	\$43,460,000	\$1,464,883,422
		Total				\$1,186,545,479	\$71,889,097	\$80,941,000	\$79,441,000	\$71,532,000	\$85,737,000	\$73,837,000	\$64,437,000	\$74,487,000	\$57,057,000	\$60,187,000	\$1,906,090,577
**Previous expenses covered in RM1 Program.	Caltrans Rehabilitation Program Summary	Support				\$210,799,889	\$21,762,266	\$22,281,000	\$23,364,000	\$21,327,000	\$19,777,000	\$19,577,000	\$19,977,000	\$21,427,000	\$15,897,000	\$16,527,000	\$412,716,154
		Capital				\$431,224,992	\$27,566,832	\$30,800,000	\$39,517,000	\$29,000,000	\$42,500,000	\$36,300,000	\$25,400,000	\$33,200,000	\$20,000,000	\$20,500,000	\$736,008,824
		Total				\$642,024,881	\$49,329,097	\$53,081,000	\$62,881,000	\$50,327,000	\$62,277,000	\$55,877,000	\$45,377,000	\$54,627,000	\$35,897,000	\$37,027,000	\$1,148,724,979
*** Project closed to expenditures June 30, 2018 or earlier.	BATA Rehabilitation Program Summary	Support				\$22,591,000	\$1,500,000	\$1,500,000	\$1,500,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$28,491,000
		Capital				\$521,929,598	\$21,060,000	\$26,360,000	\$15,060,000	\$21,005,000	\$23,260,000	\$17,760,000	\$18,860,000	\$19,660,000	\$20,960,000	\$22,960,000	\$728,874,598
		Total				\$544,520,598	\$22,560,000	\$27,860,000	\$16,560,000	\$21,205,000	\$23,460,000	\$17,960,000	\$19,060,000	\$19,860,000	\$21,160,000	\$23,160,000	\$757,365,598



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

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

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



**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*	\$ 6,529,371,000	\$ 1,480,000	\$ 6,530,851,000
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	\$ (6,950,000)	\$ 452,550,000
Richmond-San Rafael Bridge Retrofit	\$ 812,100,000	\$ (250,000)	\$ 811,850,000
Benicia-Martinez Bridge Retrofit	\$ 177,830,000		\$ 177,830,000
Carquinez Bridge Retrofit	\$ 114,206,000		\$ 114,206,000
San Mateo-Hayward Bridge Retrofit	\$ 163,412,000		\$ 163,412,000
Antioch Bridge Retrofit	\$ 71,100,000		\$ 71,100,000
Dumbarton Bridge Retrofit	\$ 112,400,000		\$ 112,400,000
Subtotal for Bay Area Bridges	\$ 8,745,235,000	\$ (5,720,000)	\$ 8,739,515,000
Vincent Thomas Bridge Retrofit (<i>non-BATA, for information only</i>)	\$ 58,510,000	\$ (90,000)	\$ 58,420,000
San Diego-Coronado Bridge Retrofit (<i>non-BATA, for information only</i>)	\$ 103,520,000	\$ (280,000)	\$ 103,240,000
Program Indirects	\$ 30,000,000	\$ (3,970,000)	\$ 26,030,000
Subtotal for All Bridges	\$ 8,937,265,000	\$ (10,060,000)	\$ 8,927,205,000
Program Contingency	\$ 14,735,000	\$ 10,060,000	\$ 24,795,000
Total for Toll Bridge Seismic Retrofit Program	\$ 8,952,000,000	\$ -	\$ 8,952,000,000

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



BATA Resolution No. 124
Date: June 27, 2018
W.I.: 1256
Referred by: BATA Oversight Committee

Attachment E-2
Bay Area Toll Authority
Toll Bridge Seismic Retrofit Program Capital Outlay Support (COS) Budget for FY 2018-19

Contracts	COS Budget Total \$
San Francisco-Oakland Bay Bridge East Span Replacement	TBD
Total for Toll Bridge Seismic Retrofit Program	\$ -



BATA Resolution No. 124
Date: June 27, 2018
W.I.: 1256
Referred by: BATA Oversight Committee

Attachment F
Bay Area Toll Authority
AB1171 Program Capital Budget Summary

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



Attachment G
Bay Area Toll Authority

BATA-SB1 Capital Program

Program #	SB1 Capital Projects	Prior Approved BATA Budget Thru FY 2017-18	FY 2018-19 Budget	Life to Date Project Budget
8351	SFOBB Bike/Pedestrian Eastern Access			
	SB1/LPP Grant	\$ 2,000,000	\$ -	\$ 2,000,000
	BATA Match	2,000,000	-	2,000,000
	Total SFOBB Bike/Pedestrian Eastern Access	4,000,000	-	4,000,000
8352	Dumbarton EL Approach and Transit Strategies			
	SB1/LPP Grant	8,200,000	-	8,200,000
	BATA Match	8,800,000	-	8,800,000
	Total Dumbarton EL Approach and Transit Strategies	17,000,000	-	17,000,000
	SB1 Capital Project	\$ 21,000,000	\$ -	\$ 21,000,000

BATA Resolution No. 124
Date: June 27, 2018
W.I.: 1254
Referred by: BATA Oversight Committee

Attachment H
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 \$ 400 million
- Project/Self Insurance Reserve (SIR) \$ 280 million

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

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