



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

## Meeting Agenda

### Bay Area Toll Authority Oversight Committee

#### *Committee Members:*

*Amy R. Worth, Chair    Libby Schaaf, Vice Chair*

*Jeannie Bruins, Carol Dutra-Vernaci, Federal D. Glover,  
Nick Josefowitz, Gina Papan, Hillary Ronen,  
Non-Voting Member: Tony Tavares*

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Wednesday, April 10, 2019

9:30 AM

Board Room - 1st Floor

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This meeting is scheduled to be webcast live on the Metropolitan Transportation Commission's Website: <http://mtc.ca.gov/whats-happening/meetings> and will take place at 9:30 a.m.

#### 1. Roll Call / Confirm Quorum

*Quorum: A quorum of this committee shall be a majority of its regular non-ex-officio voting members (5).*

#### 2. Pledge of Allegiance

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

#### 4. Consent Calendar

- 4a. [19-0270](#) Minutes of the March 6, 2019 meeting

**Action:** Committee Approval

**Attachments:** [4a 03-06-2019 BATA O Draft Minutes v2.pdf](#)

- 4b. [19-0271](#) BATA Financial Statements for February 2019

**Action:** Information

**Presenter:** Raymond Woo

**Attachments:** [4b Financial Statements February 2019.pdf](#)

- 4c.**     [19-0276](#)     Contract Amendment - On Call Contract Design Services - San Francisco Oakland Bay Bridge (SFOBB) Touchdown Parking Project: BKF Engineers (\$284,000)
- Action:**             Committee Approval
- Presenter:**       Stephen Baker
- Attachments:**     [4c\\_BKF\\_Contract\\_Amendment.pdf](#)
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- 4d.**     [19-0278](#)     Cooperative Agreement - Quality Management Assessment for Dumbarton Forward: Caltrans (\$1,000,000)
- Action:**             Committee Approval
- Presenter:**       Michelle Go
- Attachments:**     [4d\\_Caltrans\\_Coop\\_Agreement\\_.pdf](#)
- 
- 4e.**     [19-0179](#)     Toll Bridge Metering Light Projects:
- i.    Contract Amendment - San Francisco-Oakland Bay Bridge: Ghiradelli Associates, Inc.(\$150,000)
- ii.   Contract - San Francisco-Oakland Bay Bridge: WSP, Inc. (\$350,000)
- iii.  Contract - Dumbarton and San Mateo-Hayward Bridges: Kimley-Horn and Associates, Inc. (\$750,000)
- Action:**             Committee Approval
- Presenter:**       Peter Lee
- Attachments:**     [4e Toll Bridge Metering Projects Contract Amend Various.pdf](#)

## 5. Approval

- 5a.**     [19-0277](#)     Contract Amendment - On-Call Toll Bridge Asset Management Program Support on Richmond-San Rafael Bridge: WSP USA Inc. (\$1,500,000)
- A request for approval of a contract amendment with WSP USA Inc. to provide additional toll bridge asset management program support services for the Richmond-San Rafael (RSR) Bridge.
- Action:**             Committee Approval
- Presenter:**       Stephen Wolf
- Attachments:**     [5a WSP Contract Amendment.pdf](#)

- 5b. [19-0118](#) Contract Amendment - On-Call Design Services: State Route 37 Interim Traffic Congestion Relief Project: AECOM Technical Services, Inc. (\$12,500,000)

A request for approval of a contract amendment with AECOM Technical Services, Inc. to provide environmental and design services for the SR 37 Interim Traffic Congestion Relief Project.

Action: Committee Approval

Presenter: Kevin Chen and Ashley Nguyen

Attachments: [5b AECOM Contract Amendment .pdf](#)

## 6. Public Comment / Other Business

## 7. Adjournment / Next Meeting:

The next meeting of the Bay Area Toll Authority Oversight Committee will be held on Wednesday, May 8, 2019 at 9:30 a.m. at the Bay Area Metro Center, 375 Beale Street, San Francisco, CA 94105.

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

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

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

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

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

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

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

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

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



# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

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**File #:** 19-0270      **Version:** 1      **Name:**

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

**File created:** 3/7/2019      **In control:** Bay Area Toll Authority Oversight Committee

**On agenda:** 4/10/2019      **Final action:**

**Title:** Minutes of the March 6, 2019 meeting

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [4a\\_03-06-2019\\_BATA\\_O\\_Draft\\_Minutes\\_v2.pdf](#)

Date	Ver.	Action By	Action	Result
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**Subject:**  
Minutes of the March 6, 2019 meeting

**Recommended Action:**  
Committee Approval



# Metropolitan Transportation Commission Meeting Minutes

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

## Bay Area Toll Authority Oversight Committee

### *Committee Members:*

*Amy R. Worth, Chair    Warren Slocum, Vice Chair*

*Jeannie Bruins, Carol Dutra-Vernaci, Federal D. Glover,  
Nick Josefowitz, Alfredo Pedroza, Hillary Ronen, Libby Schaaf  
Non-Voting Member: Tony Tavares*

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Wednesday, March 6, 2019

1:30 PM

Yerba Buena - 1st Floor

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\*\*\* PLEASE NOTE MEETING DATE, TIME, AND LOCATION \*\*\*

### Call Meeting to Order

#### 1. Roll Call / Confirm Quorum

**Present:** 5 - Commissioner Bruins, Commissioner Dutra-Vernaci, Commissioner Josefowitz,  
Commissioner Pedroza, and Chair Worth

**Absent:** 4 - Commissioner Glover, Commissioner Slocum, Commissioner Schaaf, and Commissioner Ronen

Non-Voting Member Absent: Commissioner Tavares

Ex Officio Voting Member Present: Commission Chair Haggerty

Ad Hoc Non-Voting Members Present: Commissioner Halsted, Commissioner Mackenzie, and  
Commissioner Sperling

#### 2. Pledge of Allegiance

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

#### 4. Consent Calendar

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

**Aye:** 5 - Commissioner Bruins, Commissioner Dutra-Vernaci, Commissioner Josefowitz,  
Commissioner Pedroza and Chair Worth

**Absent:** 4 - Commissioner Glover, Commissioner Slocum, Commissioner Schaaf and Ronen

4a. [19-0131](#) Minutes of the February 13, 2019 meeting

**Action:** Committee Approval

**4b.**     [19-0154](#)     BATA Financial Statements for January 2019

**Action:** Information

**Presenter:** Raymond Woo

**4c.**     [19-0133](#)     Contract Amendment - Collection Services: Law Enforcement Systems,  
LLC (\$1,400,000)

**Action:** Committee Approval

**Presenter:** Victor Wong

**5. Public Comment / Other Business**

**6. Adjournment / Next Meeting**

The next meeting of the Bay Area Toll Authority Oversight Committee will be held on April 10, 2019 at 9:30 a.m. at the Bay Area Metro Center, 375 Beale Street, San Francisco, CA 94105.



# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

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**File #:** 19-0271      **Version:** 1      **Name:**

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

**File created:** 3/7/2019      **In control:** Bay Area Toll Authority Oversight Committee

**On agenda:** 4/10/2019      **Final action:**

**Title:** BATA Financial Statements for February 2019

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [4b\\_Financial\\_Statements\\_February'2019.pdf](#)

Date	Ver.	Action By	Action	Result
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**Subject:**  
BATA Financial Statements for February 2019

**Presenter:**  
Raymond Woo

**Recommended Action:**  
Information





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

## Memorandum

TO: BATA Oversight Committee

DATE: April 3, 2019

FR: Executive Director

W. I. 1254

RE: BATA Financial Statements for February 2019

Attached are the BATA financial statements for the eight month period ending February 2019. Major financial highlights include:

- (1) **Revenues:** Total toll bridge revenue is just under \$576 million or 97% of the budget projections. Total interest revenue earned of \$35.7 million is 143% of the total budget as the result of a higher interest rate market. Year-to-date (YTD) toll violation revenue of \$15.6 million is slightly below the budget. YTD subsidy payments from the U.S. Government to offset the interest expense of the Build America Bonds is at \$18.6 million and the next subsidy payment is expected in April.
- (2) **Expense:** Total operating expense of \$240 million is 27% of the approved budget. Operations and facility maintenance costs are running at 96% of the adopted budget and are expected to be very close to budget by year-end. Fastrak® operations and maintenance costs have a bit more room at 44% YTD but year-end still looks close projecting to 97% of the \$51 million adopted budget. Debt service payments appear low, however, the major debt service payment will be made in April bringing costs much closer to budget.
- (3) **Transfers to MTC and Association of Bay Area Governments (ABAG):** The budgeted annual 1% administration fee for MTC and operating contribution to the ABAG Estuary Partnership were transferred at the beginning of the fiscal year. The balance of the transfers are generally made on a drawdown basis.

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

  
 Therese W. McMillan

SH:bm  
 Attachment

**BATA Operating Budget**

**As of February 2019**

	<b>FY 2018-19</b>	<b>Actual</b>	<b>Current Budget</b>	<b>% of Budget</b>	<b>year</b>		<b>YTD Total</b>
	<b>Budget</b>	<b>YTD</b>	<b>Balance Over/(Under)</b>	<b>(col 2/1)</b>	<b>Expired</b>	<b>Encumbrances</b>	<b>(Enc + YTD)</b>
<b>REVENUE:</b>							
1 RM 1 Toll Revenues	603,709,547	390,961,489	(212,748,058)	64.8%	66.7%	-	390,961,489
2 RM 2 Toll Revenues	130,989,803	85,236,439	(45,753,364)	65.1%	66.7%	-	85,236,439
3 Toll Violation Revenues	25,000,000	15,632,974	(9,367,026)	62.5%	66.7%	-	15,632,974
4 Other Revenue	-	624,037	624,037	N/A	66.7%	-	624,037
5 Interest Income	25,000,000	35,715,533	10,715,533	142.9%	66.7%	-	35,715,533
6 BAIFA Reimbursement	670,000	345,493	(324,507)	51.6%	66.7%	-	345,493
7 GGB&HTD Fastrak Reimbursement	6,900,000	3,251,686	(3,648,314)	47.1%	66.7%	-	3,251,686
8 SFO Fastrak Reimbursement	463,000	165,026	(297,974)	35.6%	66.7%	-	165,026
9 Alameda CMA Reimbursement	1,700,000	924,688	(775,312)	54.4%	66.7%	-	924,688
10 VTA 237 Express Lane Reimb.	135,000	72,551	(62,449)	53.7%	66.7%	-	72,551
11 Rebate for Build America Bonds	71,508,476	18,620,955	(52,887,521)	26.0%	66.7%	-	18,620,955
12 Caltrans Reimbursement	9,000,000	9,000,000	-	100.0%	66.7%	-	9,000,000
13 BAHA Reimbursement	15,300,000	15,300,000	-	100.0%	66.7%	-	15,300,000
14 Transbay Terminal Review Reimbursement	510,000	-	(510,000)	N/A	66.7%	-	-
<b>Total Revenue</b>	<b>890,885,826</b>	<b>575,850,871</b>	<b>(315,034,955)</b>	<b>64.6%</b>	<b>66.7%</b>	<b>-</b>	<b>575,850,871</b>
<b>EXPENSE:</b>							
<b>Caltrans Operations and Maintenance:</b>							
1 Toll Collection & Operations Services	23,600,000	15,508,298	(8,091,702)	65.7%	66.7%	-	15,508,298
2 Toll & Bridge Facility Maint	5,700,000	3,404,551	(2,295,449)	59.7%	66.7%	-	3,404,551
Caltrans O & M Subtotal	29,300,000	18,912,849	(10,387,151)	64.5%	66.7%	-	18,912,849
<b>Fastrak Operations and Maintenance:</b>							
3 RCSC Operations	25,500,000	11,841,344	(13,658,656)	46.4%	66.7%	12,296,556	24,137,900
4 ATCAS Maintenance, IT equip	5,575,000	1,114,771	(4,460,229)	20.0%	66.7%	3,806,283	4,921,054
5 Banking Costs	15,900,000	7,332,367	(8,567,633)	46.1%	66.7%	10,077,275	17,409,642
6 Collection Exp./DMV Exp.	4,000,000	1,897,323	(2,102,677)	47.4%	66.7%	1,181,886	3,079,209
BATA O & M Subtotal	50,975,000	22,185,805	(28,789,195)	43.5%	66.7%	27,362,000	49,547,805
<b>BATA Toll Bridge Administration:</b>							
7 Staff Costs - Salaries,Benefits & Temps	10,592,473	6,453,646	(4,138,827)	60.9%	66.7%	-	6,453,646
8 Travel, Printing, Memberships & Other	587,480	272,361	(315,119)	46.4%	66.7%	9,061	281,422
9 Audit/Accounting	3,120,828	630,597	(2,490,231)	20.2%	66.7%	346,069	976,666
10 Misc. Toll Admin Operating Expenses	2,650,000	508,776	(2,141,224)	19.2%	66.7%	1,650,000	2,158,776
11 Professional Fees	3,095,000	1,266,876	(1,828,124)	40.9%	66.7%	1,037,409	2,304,285
12 RM3 Related Expense	3,300,000	3,217,452	(82,548)	97.5%	66.7%	-	3,217,452
27 Transbay Terminal Review Pannel	1,010,000	246,783	(763,217)	24.4%	66.7%	265,217	512,000
13 Other	250,000	-	(250,000)	0.0%	66.7%	200,000	200,000
Toll Bridge Admin Subtotal	24,605,781	12,596,491	(12,009,290)	51.2%	66.7%	3,507,756	16,104,247
<b>Other/Transfers:</b>							
14 Transfers to MTC 1% Admin	7,846,994	7,846,994	-	100.0%	66.7%	-	7,846,994
15 Transfers to MTC - Other	752,372	265,465	(486,907)	35.3%	66.7%	117,822	383,287
16 Transfer from Legal Reserve	4,360,740	351,666	(4,009,074)	8.1%	66.7%	2,234,074	2,585,740
17 Transbay Transit Terminal Maint	5,026,046	5,003,708	(22,338)	99.6%	66.7%	22,338	5,026,046
18 Beale St Assessment	2,200,000	1,433,995	(766,005)	65.2%	66.7%	477,998	1,911,993
19 Depreciation and Amortization	6,110,000	4,261,761	(1,848,239)	69.8%	66.7%	-	4,261,761
20 RM2/Clipper Marketing	6,500,000	1,200,457	(5,299,543)	18.5%	66.7%	1,518,660	2,719,117
21 RM2 Operating	49,776,125	25,447,339	(24,328,786)	51.1%	66.7%	22,565,122	48,012,461
22 ABAG SFEP	999,969	999,969	-	100.0%	66.7%	-	999,969
Transfers	83,572,246	46,811,354	(36,760,892)	56.0%	66.7%	26,936,014	73,747,368
<b>Debt Service:</b>							
23 Interest and principal payments	557,086,153	131,957,259	(425,128,894)	23.7%	66.7%	-	131,957,259
24 Financing Costs	14,020,400	8,002,024	(6,018,376)	57.1%	66.7%	2,080,235	10,082,259
Total Debt Service	571,106,553	139,959,283	(431,147,270)	24.5%	66.7%	2,080,235	142,039,518
<b>Transfer to Capital Fund In (Out):</b>							
25 Transfer to Capital Fund	(131,276,246)	-	(131,276,246)	0.0%	66.7%	-	-
26 Furniture/Equip./Vehicle	(50,000)	-	(50,000)	0.0%	66.7%	-	-
Total Capital Reserve In (Out)	(131,326,246)	-	(131,326,246)	0.0%	66.7%	-	-
<b>Total Expense &amp; Transfers</b>	<b>890,885,826</b>	<b>240,465,782</b>	<b>(650,420,044)</b>	<b>27.0%</b>	<b>66.7%</b>	<b>59,886,005</b>	<b>300,351,787</b>
<b>Net</b>	<b>-</b>	<b>335,385,089</b>					<b>275,499,084</b>

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

		February'19
Ruby and Associates, Inc.	<i>Transbay Terminal Review Service</i>	\$15,000
Edison Welding Institute, Inc.	<i>Transbay Terminal Review Service</i>	\$42,000

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

**February'19**

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California Transportation Commission		\$100,000
	<i>CTC TBPOC Oversight Committee Reimbursement</i>	
SoftwareOne Inc		\$28,957
	<i>Software License</i>	
Montperi Catering & Events		\$9,788
	<i>Event Catering</i>	
Slippery Fish Catering & Events		\$8,797
	<i>Event Catering</i>	

**Regional Measure 2 Operating Budget  
As of February 2019 (\$000)**

	<b>Project Title</b>	<b>Total Budget</b>	<b>Allocation</b>	<b>Actual</b>	<b>Encumbrance</b>	<b>Balance Remaining</b>
1	Richmond Bridge Express Bus	2,474	2,474	-	2,474	-
2	Napa Vine Service	426	426	338	88	-
3	Express Bus North - serving SFOBB, Dumbarton, San Mateo bridges	3,751	3,751	1,239	2,512	-
4	Express Bus South - serving Carquinez and Benicia Bridges	7,074	7,024	3,937	3,087	50
5	Dumbarton Bus	2,967	2,817	1,711	1,106	150
6	WETA Ferry Operations	16,500	16,500	11,542	4,958	-
7	Owl Service - BART Corridor	2,054	1,521	778	743	533
8	MUNI Metro 3rd St	2,500	2,500	-	2,500	-
9	AC Enhanced Bus Service	3,000	3,000	1,750	1,250	-
11	Water Emergency Transportation Authority Regional Planning	3,000	3,000	1,694	1,306	-
12	Clipper Operations	2,000	2,000	-	2,000	-
13	Transbay Transit Center	3,000	3,000	2,458	542	-
	Subtotal for Operating Assistance Program	48,746	48,013	25,447	22,566	733
N/A	Clipper Marketing	2,600	-	956	-	1,644
N/A	Seamless Transit Map	710	-	130	580	-
N/A	Regional Resource Center	178	-	114	64	-
N/A	AC Transit Services	500	-	-	500	-
N/A	Transbay Service	102	-	-	75	27
N/A	Richmond Service Outreach	200	-	-	200	-
N/A	Solano Express	50	-	-	-	50
N/A	Route 29	20	-	-	-	20
N/A	Bike to Work, Trails and Transit Week	100	-	-	100	-
	Total for Clipper and RM2 Marketing	4,460	-	1,200	1,519	1,741
	<b>Total</b>	<b>\$53,206</b>	<b>\$48,013</b>	<b>\$26,647</b>	<b>\$24,085</b>	<b>\$2,474</b>

**Regional Measure 2 Project Budget**  
**As of February 2019 (\$000) - Life to Date**

Program	Project Title	Total Budget	Actual	Encumbrance	Balance Remaining
1	BART/MUNI Direct Connection at Embarcadero & Civic Center Stations	\$3,000	-	1,500	\$1,500
2	SF MUNI Metro 3rd Street LRT Extension	30,000	30,000	-	-
3	MUNI Historic Streetcar Expansion (E-Line)	10,000	10,000	-	-
4	Dumbarton Commuter Rail Service <sup>i,iv,xii</sup>	9,157	8,932	33	192
5	Vallejo Ferry Intermodal Station <sup>v</sup>	26,000	24,101	1,598	301
6	Solano County Express Bus Intermodal Facilities <sup>vi</sup>	12,251	12,222	30.00	-
7	Solano County Corridor Improvements near I-80 / I-680 Interchange	100,000	97,026	2,974	-
8	I-80 EB HOV Lane Extension from Route 4 to Carquinez Bridge	37,175	37,175	-	-
9	Richmond Parkway Park & Ride <sup>vii</sup>	3,850	887	686	2,277
10	SMART Extension to Larkspur <sup>ii,viii</sup>	56,500	53,214	3,286	-
11	Greenbrae Interchange Improvement <sup>ii,viii</sup>	43,500	27,583	15,917	-
12	Direct HOV lane connector from I-680 to the Pleasant Hill BART <sup>ix</sup>	20,425	16,348	3,759	318
13	Rail Extension to East Contra Costa/E-BART	96,000	94,267	1,733.00	-
14	Capitol Corridor Improvements in Interstate-80/Interstate 680 Corridor <sup>vi,x</sup>	35,950	35,950	-	-
15	Central Contra Costa Bay Area Rapid Transit (BART) Crossover	25,000	25,000	-	-
16	Benicia-Martinez Bridge: New Span	50,000	50,000	-	-
17	Remaining Regional Express Bus North - Competitive Program Projects <sup>v,x</sup>	18,799	18,771	28	-
18	Clipper	35,000	20,817	1,163	13,020
19	Real-time transit information	20,000	19,488	512	-
20	Safe Routes to Transit	22,500	19,553	2,947	-
21	BART Tube Seismic Retrofit	33,801	33,801	-	-
22	Transbay Terminal/Downtown Extension	150,000	149,561	439	-
23	Oakland Airport Connector	115,199	115,199	-	-
24	AC Transit Enhanced Bus - Phase 1 (International Blvd/Telegraph Ave. Corridor) <sup>vii</sup>	77,760	59,479	18,281	-
25	Commute Ferry Service for Alameda/Oakland/Harbor Bay	12,000	12,000	-	-
26	Commute Ferry Service for Berkeley/Albany	12,000	6,383	5,617	-
27	Commute Ferry Service for South San Francisco	12,000	11,998	2	-
28	Water Transit Facility Imps., Spare Vessels and Environmental Review	48,000	47,269	731	-
29	Regional Express Bus South - Remaining Projects <sup>iv,vii,xi</sup>	54,933	31,632	9,137	14,164
30	I-880 North Safety Improvements <sup>xi</sup>	12,300	12,083	217	-
31	BART Warm Springs Extension <sup>i</sup>	186,000	178,204	7,796	-
32	I-580 (Tri Valley) Rapid Transit Corridor Improvements	65,000	50,886	2,119	11,995
33	Regional Rail Master Plan	6,500	6,062	394	44
34	Integrated Fare Structure Program	1,500	900	600	-
35	Transit Commute Benefits Promotion	5,000	3,366	1,634	-
36	Caldecott Tunnel Improvements <sup>ix</sup>	45,075	45,074	1	-
37	BART's Fixed Guideway Rehab	64,000	24,000	-	40,000
38	Regional Express Lane Network <sup>iii</sup>	4,825	-	4,825	-
39	Modifications in I-80 and San Pablo <sup>iii</sup>	8,000	7,675	325	-
40	Caltrain Electrification <sup>viii,xii</sup>	20,000	19,991	9	-
<b>Total</b>		<b>\$1,589,000</b>	<b>\$1,416,897</b>	<b>\$88,293</b>	<b>\$83,811</b>

<sup>i</sup> Allocated \$91 million from the Dumbarton Commuter Rail Service to the BART to Warm Springs Extension Project, per Resolution #3801 dated 1/28/09.

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

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

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

<sup>xiii</sup> Increasing funding by \$13 million to the Clipper Project (18), per Res #3801 dated 12/21/16.

<sup>xiv</sup> Increasing funding by \$21 million to the Regional Express Bus South Project (29), per Resolution #3801 dated 12/21/16.

<sup>xv</sup> Increasing funding by \$40 million to the BART's Fixed Guideway Rehab Project (37), per Resolution #3801 dated 12/21/16.

Shaded projects are completed

**Rehab Project Budget**

**As of February 2019 (\$000) - Life to Date**

Program #	Program	Total Budget	Total Expenses	Encumbrance	Balance Remaining
6812	Benicia-Martinez Bridge Rehab	6,388	2,525	-	3,863
6813	Carquinez Bridge Rehab	34,782	34,467	-	315
6814	Richmond-San Rafael Bridge Rehab	77,742	54,963	-	22,779
6825	San Francisco-Oakland Bay Bridge Rehab	224,426	181,268	-	43,158
6826	San Mateo-Hayward Bridge Rehab	121,946	107,992	1	13,954
6827	Dumbarton Bridge Rehab	4,792	4,792	-	-
6828	All Bridges Rehab	91,457	89,640	-	1,817
6829	Caltrans Reserve	2,205	4	-	2,201
8030	Completed/Defunded/Transferred Projects	117,303	116,626	-	677
8033	Minor Toll Plaza Rehab Projects	4,580	1,937	-	2,643
8210	New Benicia Bridge *	1,715	502	-	1,213
8315	Site Mitigation & Landscaping	154	83	-	71
8615	I-880/SR-92 Landscaping**	6,640	5,528	-	1,112
8629	Minor Bridge Rehab Projects	159	45	-	114
8637	Bay Trail Improvements	115	-	-	115
	<b>TOTAL CALTRANS REHAB BUDGET</b>	<b>694,404</b>	<b>600,372</b>	<b>1</b>	<b>94,032</b>
8012	All Electronic Tolling Study	1,263	699	2	562
8528	Bay Lights Maintenance	640	252	68	320
8530	Drainage Studies for the Bridge	500	301	99	100
8531	Benicia New Toll Plaza ORT	4,153	4,153	-	-
8539	SFOBB Eyebar Repair Review	2,914	2,660	254	-
8540	Regional Transportation Sea Level Rise Asset	2,000	247	-	1,753
8594	SFOBB West Span Pathway PSR	12,300	11,322	506	472
8602	Hybrid/ETC Lane Modifications	874	874	-	-
8631	Procure New Callboxes	2,344	2,344	-	-
8900	2003 CSC Procurement	12,358	11,046	3	1,309
8901	ETC Transponder Procurement	89,000	79,581	4,813	4,606
8902	2012 CSC Procurement	20,750	18,900	1,279	571
8903	ATCAS Lane Host Upgrades	33,545	31,930	1,152	463
8904	Fastrak Sign & Sign Structure Improvements	29,510	29,343	72	95
8905	Misc. Bridge Improvements	35,714	7,628	1,144	26,942
8907	Toll Plaza Capital Improvements	26,448	18,964	3,293	4,191
8908	Enterprise Computing HW/SW	4,035	3,228	6	801
8909	Gateway Park Planning	27,975	16,394	1,073	10,508
8912	ETC Transponder Tag Swap	1,937	1,929	-	8
8913	SFOBB Administration Building	25,619	25,220	-	399
8914	Violation Enforcement System Upgrade	7,842	7,841	-	-
8916	Bay Crossing Study	540	540	-	-
8917	IT Security Procedures & Policies	750	421	205	124
8918	Maintenance Complex	531	491	36	4
8920	Plaza and Canopy Improvements	9,263	8,545	25	693
8921	SFOBB Lane 17 & 18 Lane Reconfiguration	3,575	1,664	43	1,868
8922	Metering Lights Replacement	8,930	1,472	2,622	4,836
8923	Bridge Records Recordation and Storage	500	55	-	445
8924	Antioch Bridge Approach	50,000	49,070	840	90
8926	Bridge Modeling & Investigations	5,801	893	57	4,851
8928	BATA Program Contingency	26,408	300	-	26,108
8930	Richmond-San Rafael Bridge Rehab	81,928	59,174	18,358	4,396
8933	Plan Bay Area TMS	9,000	5,202	3,236	562
8936	Backhaul Connection Infrastructure	1,000	765	91	144
8937	Future CSC Procurement	4,000	798	895	2,307
8938	Misc. East Span Project Improvements	12,084	-	-	12,084
8939	Asset Management	2,000	-	800	1,200
8940	HOV Lane Enforcement	1,300	192	1,108	-
8941	CHP - COZEER/MAZEER	200	-	-	200
8942	Bridge Yard Capital Improvements	500	-	-	500
8943	Bike/Ped Access to East Span of SFOBB	200	-	-	200
8944	Dumbarton Approach and Transit Strategies	3,000	-	-	3,000
8945	Next Gen Clipper (C2) System	9,600	-	-	9,600
8000-05	Capital Program Audit	8,300	6,913	340	1,047
8000-16	SRA/RM1 Program Monitoring	46,445	44,960	381	1,104
	<b>Total BATA REHAB BUDGET</b>	<b>627,576</b>	<b>456,311</b>	<b>42,801</b>	<b>128,463</b>
	<b>TOTAL REHAB BUDGET</b>	<b>1,321,980</b>	<b>1,056,683</b>	<b>42,802</b>	<b>222,495</b>

Shaded projects are completed

\* Moved \$5 million from RM 1 New Benicia Bridge to Caltrans Rehab.

\*\* Moved \$5.958 million from RM 1 I-880/SR-92 Interchange Landscaping to Caltrans Rehab.

**Seismic Capital Project Budget**  
**As of February 2019 (\$000) - Life to Date**

	Program	Base Budget	Current Budget***	Total Expenses*	Encumbrance	Remaining Balance
8103	San Francisco-Oakland Bay Bridge East Span Repl	\$ 5,486,600	\$ 6,519,801	\$ 6,479,362	\$ 40,439	\$ -
8109	San Francisco-Oakland Bay Bridge West Span Retrofit	307,900	305,316	305,316	-	-
8106	San Francisco-Oakland Bay Bridge West Approach Repl	429,000	452,550	450,386	2,164	-
8100	Antioch Bridge Retrofit	-	71,100	71,093	7	-
8122	Dumbarton Bridge Retrofit	-	112,400	112,354	46	-
8112	Richmond-San Rafael Bridge Retrofit	808,100	794,950	794,870	80	-
8115	Benicia-Martinez Bridge Retrofit	177,800	177,830	177,817	13	-
8118	Carquinez Bridge Retrofit	114,200	114,206	114,206	-	-
8121	San Mateo-Hayward Bridge Retrofit	163,500	163,412	163,412	-	-
	<b>Subtotal for Bay Area Bridges</b>	<b>7,487,100</b>	<b>8,711,565</b>	<b>8,668,816</b>	<b>42,749</b>	<b>-</b>
8128	Misc Program Costs	30,000	26,030	26,024	6	-
8729	Program Contingency**	989,000	-	-	-	-
8124	Vincent Thomas Bridge Retrofit (non-BATA, for information	58,500	58,420	58,411	9	-
8127	San Diego-Coronado Bridge Retrofit (non BATA, for	103,500	103,240	103,235	5	-
	<b>Subtotal for Other Bridges</b>	<b>162,000</b>	<b>161,660</b>	<b>161,646</b>	<b>14</b>	<b>-</b>
	<b>Total for Toll Bridge Seismic Retrofit Program</b>	<b>\$ 8,668,100</b>	<b>\$ 8,899,255</b>	<b>\$ 8,856,486</b>	<b>\$ 42,769</b>	<b>\$ -</b>

\*Includes pre AB144 LTD expenses from Caltrans to April 2006  
BATA expenses from May 2006 to current

3,709,068  
5,147,418  
8,856,486

**\*\* Contingency Allocation**

<b>Contingency per Budget</b>	989,000
<b>FY08 (Allocation) and Rescission</b>	(203,920)
<b>FY09 (Allocation) and Rescission</b>	(44,790)
<b>FY10 (Allocation) and Rescission</b>	139,400
<b>FY11 (Allocation) and Rescission</b>	(577,670)
<b>FY12 (Allocation) and Rescission</b>	(15,520)
<b>FY13 (Allocation) and Rescission</b>	32,637
<b>FY14 (Allocation) and Rescission</b>	(130,000)
<b>FY15 (Allocation) and Rescission</b>	(103,800)
<b>FY16 (Allocation) and Rescission</b>	(12,731)
<b>FY17 (Allocation) and Rescission</b>	(33,200)
<b>FY18 (Allocation) and Rescission</b>	(24,671)
Allocate to SFOBB East Span 7/1/18	(1,480)
Unallocate SFOBB West Approach 7/1/18	6,950
Unallocate Richmond Bridge 7/1/18	250
Unallocate Vincent Thomas 7/1/18	90
Unallocate San Diego-Coronado 7/1/18	280
Unallocate Program Indirects 7/1/18	3,970
Unallocate SFOBB East Span 1/23/19	11,050
Unallocate Richmond Bridge 1/23/19	16,900
Transferre Program Contingency to toll Bridge Rehab	
Program 1/23/19	(52,745)
Remaining Balance	-

Shaded projects are completed

\*\*\*Financial reflects budget update approved on 6/27/18



## AB 1171 Project Budget

As of February 2019 (\$000) - Life to Date

Project Title	Total Budget	Allocation	Actual	Encumbrance	Balance Remaining
Doyle Drive Replacement	80,000	80,000	80,000	-	-
East Contra Costa BART Extension	111,500	111,500	109,819	1,681	-
Transbay Terminal/Downtown Extension: Phase 1	150,000	150,000	149,301	699	-
Tri-Valley Transit Access Improve. To BART	95,000	21,852	11,433	10,419	73,148
Regional Express Lane Network	2,800	2,800	2,800	-	-
Fairfield/Vacaville Train Station	9,000	9,000	9,000	-	-
I80/680 Interchange	100,000	100,000	98,691	1,309	-
Other Corridor Improvement	10,200	10,150	10,150	-	50
VTa Mission/Warren/Truck Rail Facility	6,500	6,500	5,811	689	-
BART to Warm Spring Extension	5,000	5,000	5,000	-	-
Total	\$570,000	\$496,802	\$482,005	\$14,797	\$73,198

AB 1171 Program Budget:	\$570,000
Approved Projects:	\$496,802
AB 1171 Program Balance:	<u>\$73,198</u>

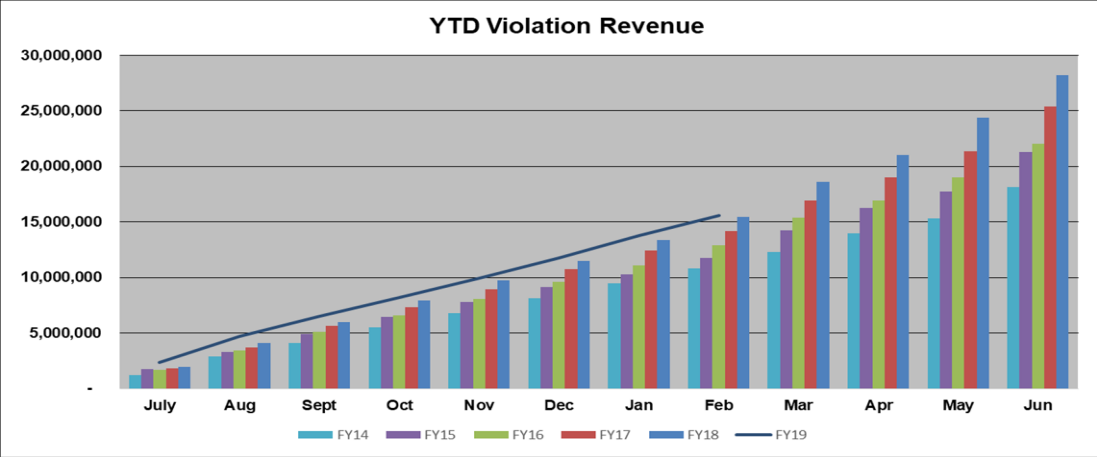
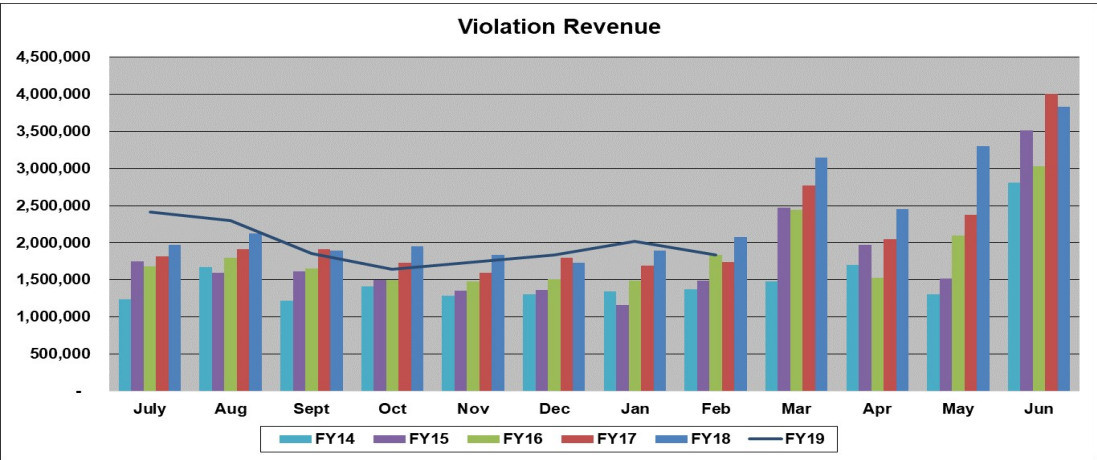
Shaded projects are completed

# Other Capital Projects

As of February 2019 (\$000) - Life to Date

					Balance
Project Title		Total Budget	Actual	Encumbrance	Remaining
<b>849</b>	<b>Express Lanes Capital</b>				
6840	Program Costs: Planning, Coordination & Management	28,437	19,638	2,350	6,449
6841	Centralized Toll System	32,367	20,304	8,067	3,996
6842	CC-680 Southern Segment Conversion	54,043	52,284	1,736	23
6843	Capitalized Start-up O&M	16,000	4,756	1,633	9,611
6844	ALA-880 Conversion	139,098	94,524	28,685	15,889
6845	CC-680 Northern Segment - Southbound Conversion	53,623	7,145	8,471	38,007
6846	SOL-80 West Conversion	1,964	640	1,033	291
6847	Program Contingency	2,848	-	-	2,848
6849	SOL-80 East Express Lane Conversion	16,114	10,534	3,121	2,459
6851	84/Dumbarton Bridge	323	323	-	-
6852	92/San Mateo Bridge	369	369	-	-
Express Lanes Total		\$345,186	\$210,517	\$55,096	\$79,573
<b>847</b>	<b>BATA Project Savings</b>				
6953	CCC - AC Transit	83,000	18,434	28,299	36,267
6954	CCC - Muni	106,000	-	105,994	6
6955	CCC - BART	15,000	-	-	15,000
6956	BART Rail Car Replacement	46,000	-	-	46,000
BATA Project Savings Total		\$250,000	\$18,434	\$134,293	\$97,273
<b>Grand Total</b>		<b>\$595,186</b>	<b>\$228,951</b>	<b>\$189,389</b>	<b>\$176,846</b>







# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

**File #:** 19-0276      **Version:** 1      **Name:**  
**Type:** Contract      **Status:** Consent  
**File created:** 3/7/2019      **In control:** Bay Area Toll Authority Oversight Committee  
**On agenda:** 4/10/2019      **Final action:**  
**Title:** Contract Amendment - On Call Contract Design Services - San Francisco Oakland Bay Bridge (SFOBB) Touchdown Parking Project: BKF Engineers (\$284,000)  
**Sponsors:**  
**Indexes:**  
**Code sections:**  
**Attachments:** [4c BKF Contract Amendment.pdf](#)

Date	Ver.	Action By	Action	Result
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**Subject:**  
Contract Amendment - On Call Contract Design Services - San Francisco Oakland Bay Bridge (SFOBB) Touchdown Parking Project: BKF Engineers (\$284,000)

**Presenter:**  
Stephen Baker

**Recommended Action:**  
Committee Approval



BAY AREA TOLL AUTHORITY

Bay Area Metro Center

375 Beale Street

San Francisco, CA 94105

TEL 415.778.6700

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

## ***Memorandum***

TO: BATA Oversight Committee

DATE: April 3, 2019

FR: Executive Director

W. I. 1251

RE: Contract Amendment – On Call Contract Design Services – San Francisco Oakland Bay Bridge (SFOBB) Touchdown Parking Project: BKF Engineers (\$284,000)

This memorandum requests authorization to amend BATA's contract with BKF Engineers (BKF) to provide on-call design services for the San Francisco-Oakland Bay Bridge (SFOBB) Touchdown Parking Project (Project) in an amount not to exceed \$284,000 and extend the period of Performance to no later than June 1, 2020.

### **Background**

The Project will construct a parking lot between the new east span of the SFOBB and the Bridge Yard Building to provide access to the Bay Bridge Trail. The Project will provide 67 parking spaces, will fulfill public access permit requirements for the SFOBB east span seismic replacement project and provide additional parking for the future park. The Project will require a new bridge crossing of an existing eight-foot diameter sewer outfall and will import fill to meet new roadway elevations. The lot has been designed in coordination with Caltrans, the East Bay Regional Parks District (EBRPD), and the San Francisco Bay Conservation and Development Commission (BCDC).

In January 2014, the BATA Oversight Committee authorized the Executive Director to enter into contracts with eight firms, including BKF, to provide on-call design services. Following a competitive selection among the firms, this Committee authorized a contract with BKF to provide design services for the Project in May 2017.

### **Scope of Work – This Amendment**

Staff is requesting the Committee authorize a contract amendment with BKF for an additional \$284,000 for additional design work for the Project. The additional funds will pay for: design of added features, including the addition of new ADA accessible restroom facilities; re-packaging the Project for construction under an existing Caltrans construction contract in the area to save on construction costs and avoid conflicts; and additional design support during construction.

Attachment A includes a summary of BKF and its project team's small business and disadvantaged business enterprise status related to the work described in this memorandum.

**Recommendation**

Staff recommends the Committee authorize the Executive Director or designee to negotiate and enter into a contract amendment with BKF Engineers to perform additional design services for the Project in an amount not to exceed \$284,000. This will bring the total amount of the contract to \$784,000.



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Therese W. McMillan

TM:sb  
Attachments

J:\COMMITTEE\BATA Oversight\2019\04 Apr'2019 BATA Oversight\4c\_ContractAmend\_BCDC\_BKF\_Memo.docx

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

	Firm Name	Role on Project	DBE* Firm			SBE** Firm		
			Yes	If Yes, List #	No	Yes	If Yes, List #	No
Prime Contractor	BKF Engineers	Installation/Maintenance of Tolling System			X			X
Subcontractor	CirclePoint	Environmental Revalidation Assistance			X	X	40528	X
Subcontractor	FEHR & PEERS ENGINEERS	Traffic Analysis			X	X	X	
Subcontractor	YEI ENGINEERS	Electrical and Lighting Design	X	1807		x	18641	

\*Denotes certification by the California Unified Certification Program (CUCP).

\*\*Denotes certification by the State of California.



REQUEST FOR COMMITTEE APPROVAL  
Summary of Proposed Contract Amendment

Work Item No.: 1251

Vendor: BKF Engineers  
Oakland , CA

Work Project Title: On-Call Project Design Services: San Francisco-Oakland Bay Bridge (SFOBB) Touchdown Parking Project

Purpose of Project: To provide staffing to perform design services for the San Francisco-Oakland Bay Bridge (SFOBB) Touchdown Parking project.

Brief Scope of Work: Provide additional design services for the San Francisco-Oakland Bay Bridge (SFOBB) Touchdown Parking.

Project Cost Not to Exceed: This amendment: \$284,000  
Total contract value before this amendment: \$500,000  
Maximum contract amount after this amendment: \$784,000

Funding Source: Toll Bridge Rehabilitation Program Budget.

Fiscal Impact: Funds are included in the FY 2018-19 Toll Bridge Rehabilitation Program Budget

Motion by Committee: That the Executive Director or designee is authorized to negotiate and enter into a contract amendment with BKF Engineers to perform design services and construction support services for the SFOBB Touchdown Parking Project as described above and in the Executive Director's memorandum dated April 3, 2019, and the Chief Financial Officer is directed to set aside funds in the amount of \$284,000 for such contract amendment.

BATA Oversight Committee:

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Amy Worth, Chair

Approved: Date: April 10, 2019



# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

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**File #:** 19-0278      **Version:** 1      **Name:**

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

**File created:** 3/7/2019      **In control:** Bay Area Toll Authority Oversight Committee

**On agenda:** 4/10/2019      **Final action:**

**Title:** Cooperative Agreement - Quality Management Assessment for Dumbarton Forward: Caltrans (\$1,000,000)

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [4d Caltrans Coop Agreement .pdf](#)

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

**Subject:**  
Cooperative Agreement - Quality Management Assessment for Dumbarton Forward: Caltrans (\$1,000,000)

**Presenter:**  
Michelle Go

**Recommended Action:**  
Committee Approval



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## *Memorandum*

TO: BATA Oversight Committee

DATE: April 3, 2019

FR: Executive Director

W. I. 1237

RE: Cooperative Agreement – Quality Management Assessment for Dumbarton Forward: Caltrans (\$1,000,000)

This memorandum requests Committee approval to enter into a cooperative agreement with the California Department of Transportation (Caltrans), in an amount not to exceed \$1,000,000, to provide Quality Management Assessment (QMA) during the environmental, design, and right-of-way phases of Dumbarton Forward. BATA will reimburse Caltrans for eligible QMA costs associated with projects in the state right-of-way.

### **Background**

The Metropolitan Transportation Commission (MTC), in partnership with the Alameda and San Mateo congestion management agencies, transit agencies, cities/counties, and businesses, conducted a Dumbarton Forward Design Alternatives Assessment of the Dumbarton Bridge corridor to identify innovative near-term strategies to address traffic flow, increase person throughput and manage transportation demand. MTC prepared a Project Study Report-Project Development Support (PSR-PDS) that is currently circulating for signature approval by Caltrans. Project elements include:

- Peak Period Bus on Shoulder (BOS) Pilot Program
- Signalization Improvements to Bayfront Expressway Intersections
- Reconfiguration of Eastbound SR 84/Thornton Avenue Off-Ramps
- Relocation of Ardenwood Park-Ride Bus Stops
- Improvements to Operations at the Dumbarton Bridge Toll Plaza

With the completion of the PSR-PDS, staff has determined that BATA should fund and implement the project delivery phase, which includes environmental clearance, design plans, and construction.

### **Recommendation**

Staff recommends this Committee authorize the Executive Director or designee to negotiate and enter into a cooperative agreement with Caltrans to reimburse Caltrans in an amount not to exceed \$1,000,000 to provide QMA services during the environmental, design, and right-of-way phases of Dumbarton Forward.

  
Therese W. McMillan

TM:mg

Attachment

## REQUEST FOR COMMITTEE APPROVAL

### Summary of Cooperative Agreement

Work Item No.:	1237
Vendor:	California Department of Transportation (Caltrans)
Work Project Title:	Quality Management Assessment (QMA) of Environmental, Design, and Right-of-Way Phases for Dumbarton Forward in Alameda and San Mateo counties
Purpose of Project:	To address traffic flow, increase person throughput and manage transportation demand in the SR 84 Dumbarton Bridge corridor.
Brief Scope of Work:	Caltrans will provide QMA during the environmental, design and right-of-way phases for the project.
Project Cost Not to Exceed:	\$1,000,000
Funding Source:	Toll Bridge Rehabilitation Program Funds
Fiscal Impact:	Funds are included in the FY 2018-19 Toll Bridge Rehabilitation Program Budget.
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a cooperative agreement with Caltrans, as described above and in the Executive Director's memorandum dated April 3, 2019, and the Chief Financial Officer is authorized to set aside funds in the amount \$1,000,000 for such cooperative agreement.
BATA Oversight Committee:	<hr/> Amy Worth, Chair
Approved:	April 10, 2019



A blue and white ferry boat is moving from left to right under a large concrete bridge. The bridge has several tall, angled concrete pillars supporting it. The water is a murky brownish-green. In the background, there are hills and a power line tower. The sky is clear and blue.

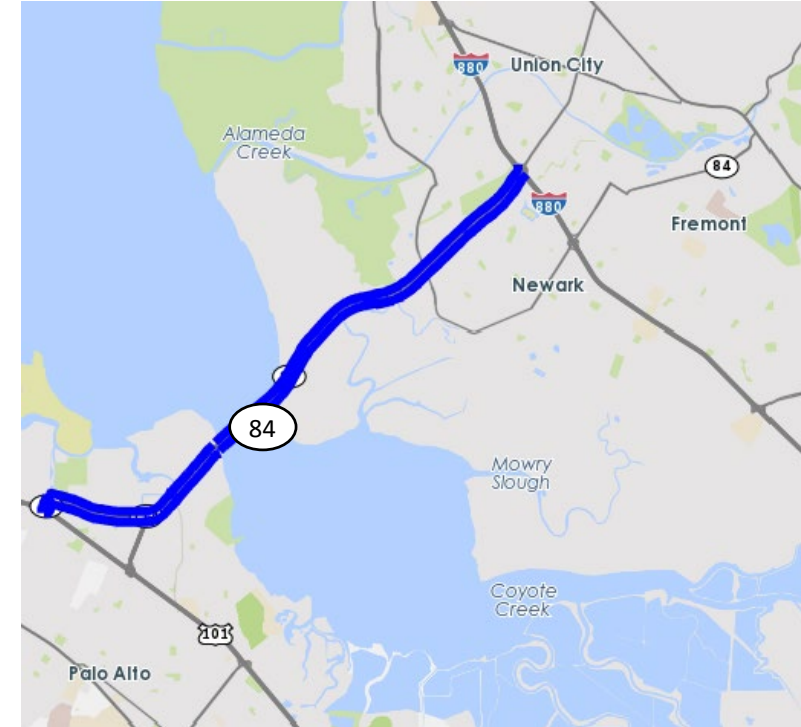
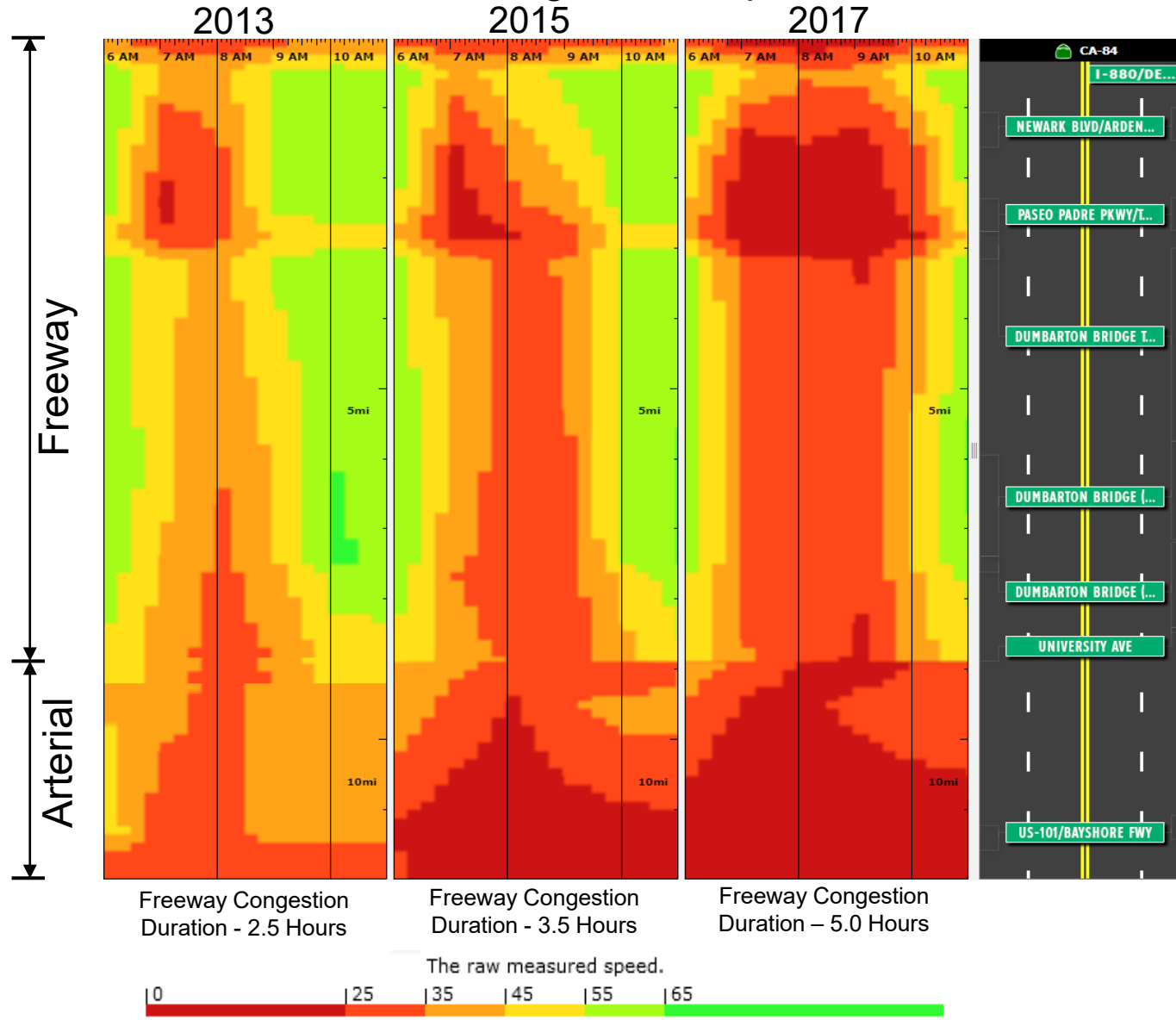
# Dumbarton *Forward*

BATA Oversight Committee  
April 10, 2019



# Westbound AM Peak Traffic Condition (I-880 to US-101)

Traffic Congestion Map



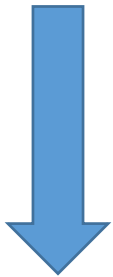
Travel Times Year 2017

Free Flow Travel Time	13 minutes
AM Peak Delay	31 minutes
AM Peak Travel Time	44 minutes

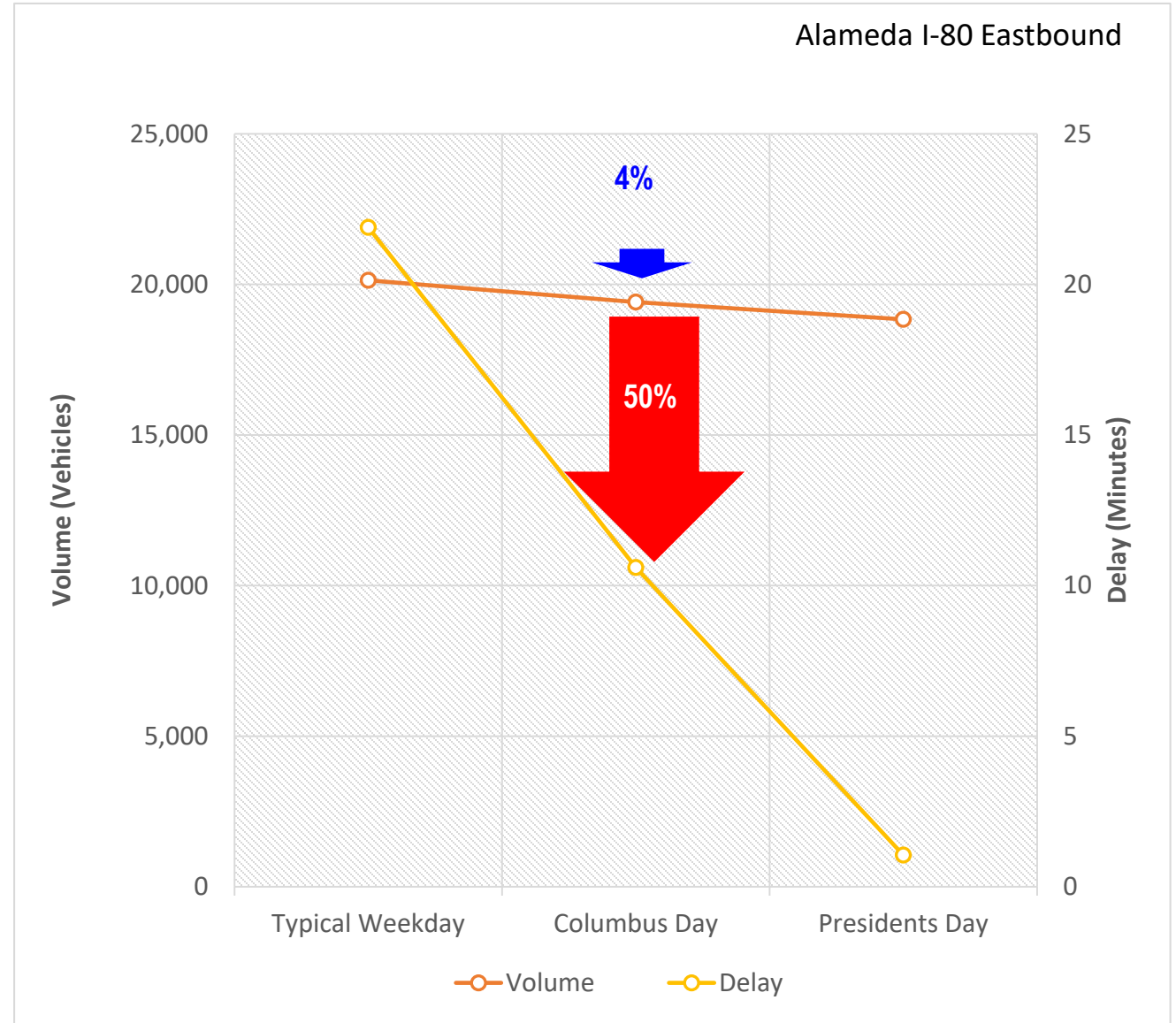
Transit Travel Time	70 minutes
Union City/Fremont BART → Stanford	

# The “Columbus Day” Effect

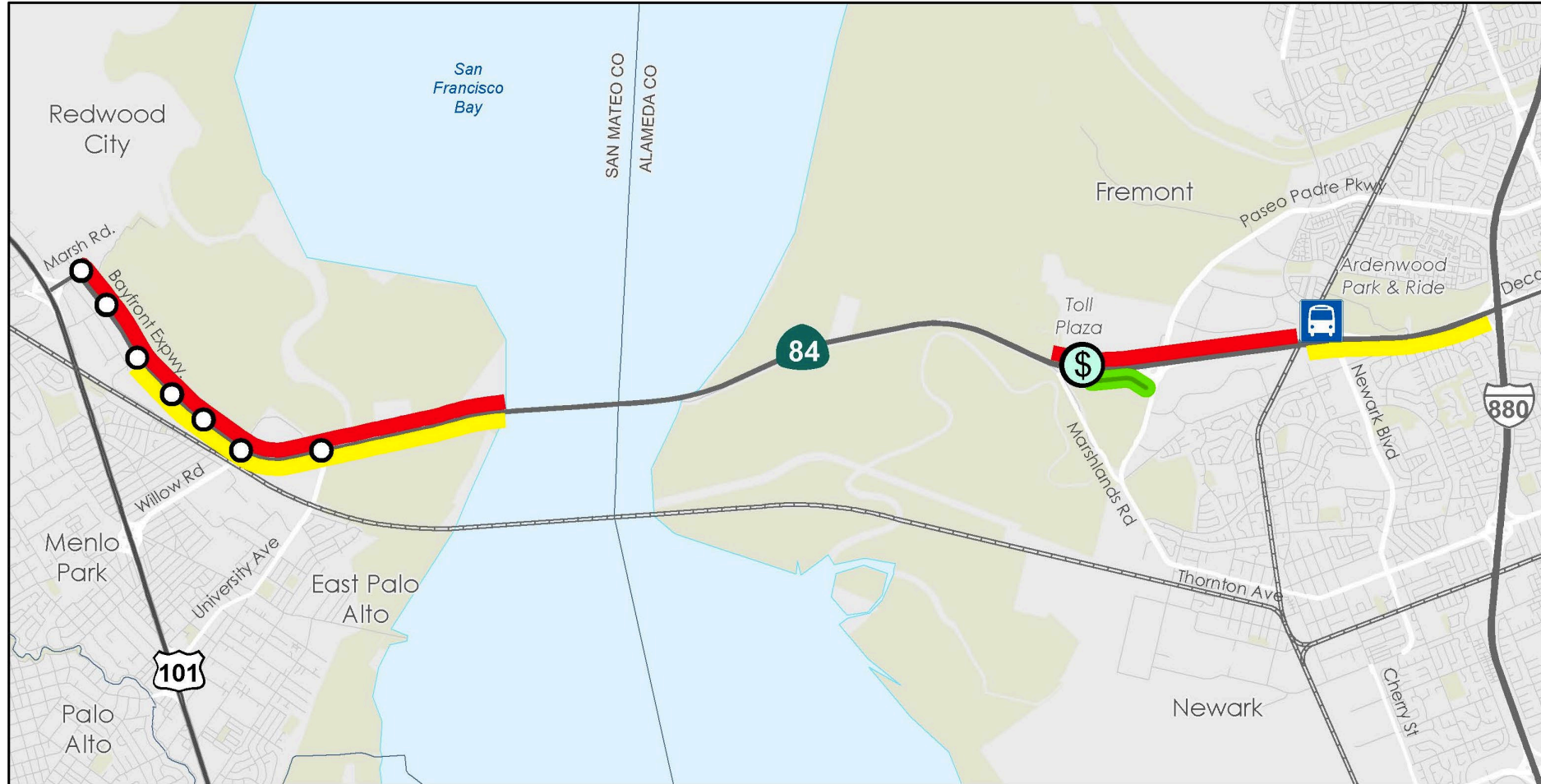
**3% to 5% Lower  
Traffic Demand**



**50% to 70% Less Delay**



# Project Elements




 Westbound Bus on Shoulder

 Eastbound Bus on Shoulder

 Transit-Signal Prioritization (TSP)  
and Adaptive Signalization

 Dumbarton Bridge Toll Plaza  
Operational Improvements

 Eastbound SR-84 Thornton Avenue  
Off-Ramp Improvements

 Ardenwood Park and Ride  
Bus Stop Relocation



0 0.5 1  
MILES

DATA SOURCES: Alameda County;  
San Mateo County; Santa Clara County;  
Caltrans; Metropolitan Transportation  
Commission; U.S. Census Tigerlines 2016.  
Map created September 2018.





# Dumbarton Corridor Bus on Shoulder Pilot



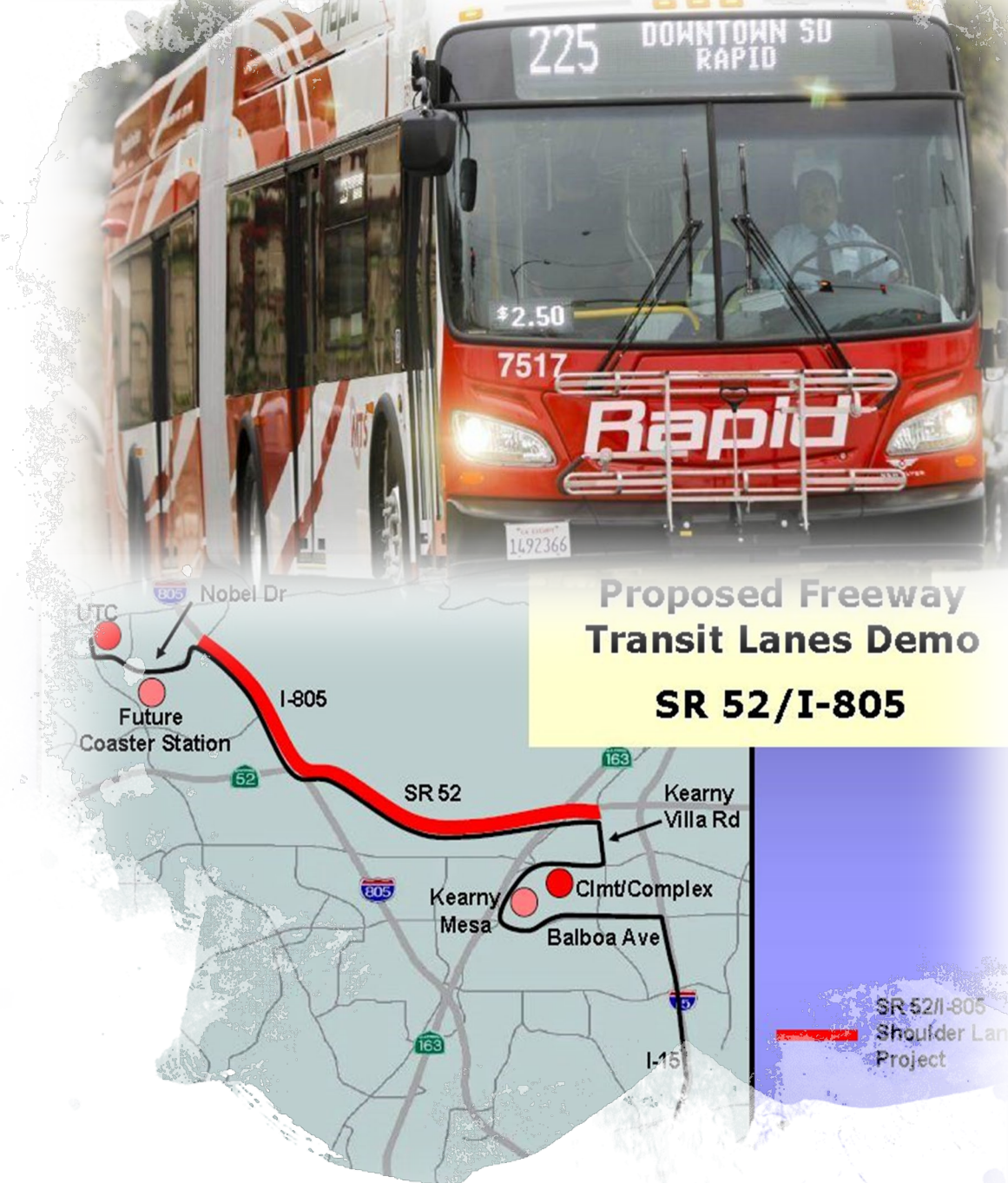
*Utilize available shoulder space to create a “queue jump” lane for buses to save time*

- Move more people in fewer vehicles
- Offer travel time savings → incentivize mode shift to buses
- Support public and private express bus and shuttle operations
- Connect regional employment centers and transit hubs



# San Diego Bus on Shoulder

- SANDAG Partnership with Caltrans, CHP, and Metropolitan Transit System (MTS)
- I-805/ SR 52 Outside Shoulder BOS Pilot initiated December 2005 (Initial 2-year evaluation period)
- Intended to provide transit congestion relief, improve corridor travel times and reliability, and improve safety
- Modeled after successful Minneapolis BOS Program
- CHP reported no issues (e.g., Enforcement and Freeway Service Patrol Roles)
- Caltrans reported successful freeway safety, maintenance, and operations
- MTS reported no operational issues and passengers and drivers viewed the pilot as safe





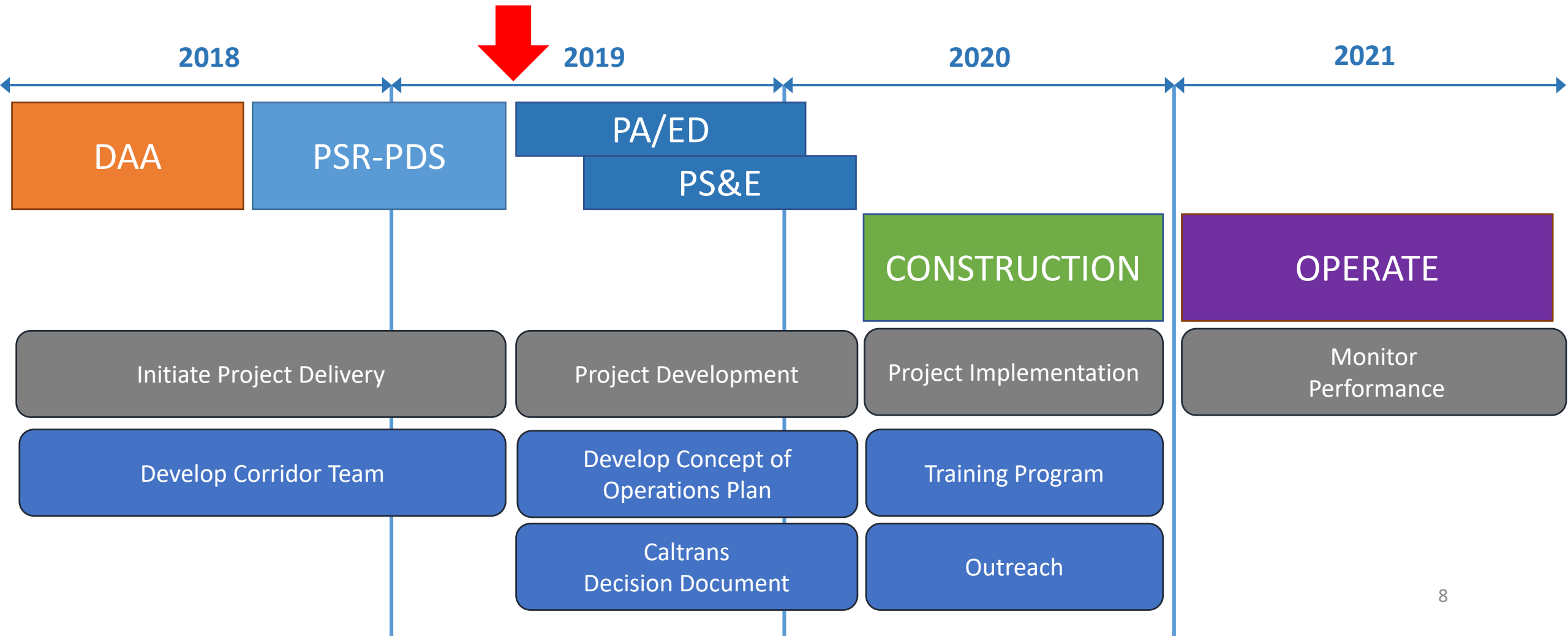
# Concept of Operations

## Decision Making and BOS Criteria

- Operational Guidelines and Requirements
  - Maximum Bus Speed (35 mph)/ Speed Differential (10 mph)
  - Operating Hours/ Congestion Requirement (mainline below 35 mph)
  - System Limits, Entrance and Exit weaving, Vehicular Weave Areas
  - Buses Exit for Accidents, Disabled Vehicles, Enforcement Stops
- Operator Training and Certification Program
- Authorized User Determination and Enforcement Strategy
- Shoulder Management Plan (Incidents and Maintenance)
- Enforcement/ Refuge Area Requirements
- Signage and Pavement Markings
- Pilot Evaluation Period, Performance Measures, Termination Reasons
- Implementation Plan and Public Awareness



# Break the Project Delivery Paradigm → Deliver Bus on Shoulder in 3 Years





# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

**File #:** 19-0179      **Version:** 1      **Name:**  
**Type:** Contract      **Status:** Consent  
**File created:** 2/19/2019      **In control:** Bay Area Toll Authority Oversight Committee  
**On agenda:** 4/10/2019      **Final action:**  
**Title:** Toll Bridge Metering Light Projects:  
i. Contract Amendment - San Francisco-Oakland Bay Bridge: Ghiradelli Associates, Inc. (\$150,000)  
ii. Contract - San Francisco-Oakland Bay Bridge: WSP, Inc. (\$350,000)  
iii. Contract - Dumbarton and San Mateo-Hayward Bridges: Kimley-Horn and Associates, Inc. (\$750,000)

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [4e Toll Bridge Metering Projects Contract Amend Various.pdf](#)

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

Toll Bridge Metering Light Projects:

- i. Contract Amendment - San Francisco-Oakland Bay Bridge: Ghiradelli Associates, Inc. (\$150,000)
- ii. Contract - San Francisco-Oakland Bay Bridge: WSP, Inc. (\$350,000)
- iii. Contract - Dumbarton and San Mateo-Hayward Bridges: Kimley-Horn and Associates, Inc. (\$750,000)

**Presenter:**

Peter Lee

**Recommended Action:**

Committee Approval



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## ***Memorandum***

TO: BATA Oversight Committee

DATE: April 3, 2019

FR: Executive Director

W. I. 1251

RE: Toll Bridge Metering Light Projects:

- i. Contract Amendment – San Francisco-Oakland Bay Bridge: Ghiradelli Associates, Inc. (\$150,000)
- ii. Contract – San Francisco-Oakland Bay Bridge: WSP, Inc. (\$350,000)
- iii. Contract – Dumbarton and San Mateo-Hayward Bridges: Kimley-Horn and Associates, Inc. (\$750,000)

This item would authorize the Executive Director or designee to negotiate and enter into a contract amendment with Ghiradelli Associates, Inc. (Ghiradelli) (\$150,000) and a contract with WSP, Inc. (WSP) (\$350,000) to support the San Francisco-Oakland Bay Bridge (SFOBB) Metering Lights Project, and a contract with Kimley-Horn and Associates, Inc. (Kimley-Horn) (\$750,000) to support the Dumbarton and San Mateo-Hayward Bridge Metering Lights Project.

### **Background**

BATA and California Department of Transportation (Caltrans) District 4 are working jointly to upgrade the metering lights at the SFOBB and to activate existing metering lights at the Dumbarton and San Mateo-Hayward bridges. The projects will modernize both system hardware and software metering components and provide several redundant layers to increase system reliability and performance during periods of congestion on the bridges, and improve person throughput by providing more reliable and faster travel times for buses, vanpools and carpools. In addition to being a traffic management tool, the new Metering Lights system will have the functionality to hold back traffic lanes, thus, allowing CHP and Caltrans to respond to incidents.

### **San Francisco-Oakland Bay Bridge Metering Lights**

The SFOBB toll plaza is the convergence of 20 traffic lanes coming from Interstates 80, 580 and 880. The existing metering system was developed in 1974 by Caltrans to smooth the transition of the 20 approach lanes to the five lanes on the bridge. The system uses embedded loop detectors and off-pavement sensors to measure traffic flow and determine signal timing and last received minor improvements in 1980. BATA initiated and is delivering the project utilizing a number of consultants and contracts. The civil construction contract is scheduled to be advertised this spring. Construction is expected to be completed by the end of the year to be followed by testing of the new system in parallel with the old system to help ensure a smooth transition and activation in 2020. Staff is requesting two consultant support contracts for this project, as follows:

#### **i. Contract Amendment – San Francisco-Oakland Bay Bridge: Ghiradelli (\$150,000)**

Staff is requesting that the Committee authorize a contract amendment with Ghirardelli in an amount not to exceed \$150,000 for additional project controls, monitoring, and scheduling analysis services. Ghiradelli was originally selected as part of a competitively selective consultant bench to provide on-call construction management services in December 2013. Ghiradelli provided project scheduling support to coordinate

project delivery. BATA will require continuing project controls and scheduling support through the construction and testing phase of the project. Budgeted toll bridge rehabilitation funds will be utilized for the work.

ii. Contract – San Francisco-Oakland Bay Bridge: WSP (\$350,000)

Staff is requesting that the Committee authorize a contract with WSP in an amount not to exceed \$350,000 to provide construction management and resident engineering services. WSP was originally selected as part of a competitively selective consultant bench to provide on-call construction management services in December 2017. WSP will support BATA during construction of the civil package of the metering lights project, including new cabinets, connections, and improved detection and signals. Budgeted toll bridge rehabilitation funds will be utilized for the work.

**Dumbarton and San Mateo-Hayward Bridges Metering Lights**

The Dumbarton and San Mateo-Hayward bridges have existing metering light systems that were installed during prior bridge and toll plaza construction but never activated. BATA's objective, in conjunction with Caltrans, is to activate the metering lights with modern in-lane equipment and systems and use them as a traffic and incident management tool. The goal for the project is to have the metering lights ready for activation by early 2020 to coincide with opening of the new express lanes on I-880 and Dumbarton Forward projects.

Staff is requesting that the Committee authorize a contract with Kimley-Horn in an amount not to exceed \$750,000 to provide design services to activate the metering lights on the Dumbarton and San Mateo-Hayward bridges. Kimley-Horn was originally selected as part of competitively selective consultant bench to provide on-call design services in December 2017. Under a separate contract, Kimley-Horn is providing design support on the SFOBB metering light projects. Staff recommends Kimley-Horn to provide the same services for the Dumbarton and San Mateo-Hayward bridges, including the Concept of Operations, System Engineering Management Plans and System Requirements, and environmental documentation to satisfy NEPA/CEQA requirements. Budgeted toll bridge rehabilitation funds will be utilized for the work. Additional system integration and construction contracts will be needed in the future with other contractors to complete buildout of the Project.

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

**Recommendation**

Staff recommends that the Committee authorize the Executive Director or designee to negotiate and enter into a contract amendment with Ghiradelli in an amount not to exceed \$150,000, a contract with WSP, Inc. in an amount not to exceed \$350,000 and a contract with Kimley-Horn and Associates, Inc. in an amount not to exceed \$750,000 for project support services for the toll bridge metering light projects.



Therese W. McMillan

SH: sb

Attachments

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**Attachment A - Small Business and Disadvantaged Business Enterprise Status  
Ghiradelli Associates, Inc.**

	Firm Name	Role on Project	DBE* Firm			SBE** Firm		
			Yes	If Yes, List #	No	Yes	If Yes, List #	No
Prime Contractor	Ghirardelli Associates, Inc.		Yes	12487		Yes	32611	
Subcontractor	Acumen Building Enterprise, Inc.		Yes	26422		Yes	19078	
Subcontractor	Chaudhary & Associates, Inc.		Yes	3110		Yes	14927	
Subcontractor	Dabri, Inc.		Yes	32110		Yes	2014093	
Subcontractor	EPC Consultants, Inc.				No	Yes	20799	
Subcontractor	Gates + Associates				No	Yes	26893	
Subcontractor	HDR Corporation - Construction				No			No
Subcontractor	Inspection Services, Inc.		Yes	32109		Yes	9586	
Subcontractor	S&C Engineers, Inc.				No			No
Subcontractor	Towill, Inc				No			No

\*Denotes certification by the California Unified Certification Program (CUCP).

\*\*Denotes certification by the State of California.



**Attachment A - Small Business and Disadvantaged Business Enterprise Status  
WSP, Inc.**

	Firm Name	Role on Project	DBE* Firm			SBE** Firm		
			Yes	If Yes, List #	No	Yes	If Yes, List #	No
Prime Contractor	WSP, Inc.				X			X
Subcontractor	Applied Materials & Engineering		X	38639				X
Subcontractor	Parikh Consultants		X	20259				X
Subcontractor	Transamerican Engineers & Associates, Inc.		X	39472				X
Subcontractor	Gray-Bowen-Scott				X	X	17562	
Subcontractor	Circlepoint				X	X	40528	
Subcontractor	Garcia & Associates, Inc.				X			X
Subcontractor	Kleinfelder, Inc.				X			X
*Denotes certification by the California Unified Certification Program (CUCP).								
**Denotes certification by the State of California.								

**Attachment A - Small Business and Disadvantaged Business Enterprise Status  
Kimley-Horn Associates, Inc.**

	Firm Name	Role on Project	DBE* Firm			SBE** Firm		
			Yes	If Yes, List #	No	Yes	If Yes, List #	No
Prime Contractor	Kimley-Horn and Associates, Inc.	Installation/Maintenance of Tolling System			X			X
Subcontractor	WSP	Design Services			X			X
Subcontractor	HDR	Materials Inspection			X			X
Subcontractor	Baseline Environmental Consulting	Natural and Cultural Resources Studies				X	1732669	
	Garcia and Associates	Environmental Technical studies			X			X
*Denotes certification by the California Unified Certification Program (CUCP).								
**Denotes certification by the State of California.								

REQUEST FOR COMMITTEE APPROVAL  
Summary of Proposed Contract Amendment

Work Item No.: 1251

Vendor: Ghirardelli Associates, Inc.  
Oakland, CA

Work Project Title: On-Call Project Construction Management Services:  
SFOBB Metering Lights System Upgrade Project

Purpose of Project: To provide staffing to perform project management and  
project controls services for the SFOBB Metering Lights  
System Upgrade project.

Brief Scope of Work: Provide additional project management and project  
controls services for the SFOBB Metering Lights System  
Upgrade project.

Project Cost Not to Exceed: This Amendment: \$150,000  
Total contract amount prior to this amendment: \$200,000  
Maximum contract amount after this amendment: \$350,000

Funding Source: Toll Bridge Rehabilitation Program Budget

Fiscal Impact: Funds are included in the FY 2018-19 Toll Bridge  
Rehabilitation Program Budget

Motion by Committee: That the Executive Director or designee is authorized to  
negotiate and enter into a contract amendment with  
Ghirardelli Associates, Inc. to perform project  
management and project controls and construction  
support services for SFOBB Metering Lights System  
Upgrade project as described above and in the Executive  
Director's memorandum dated April 3, 2019, and the  
Chief Financial Officer is directed to set aside funds in  
the amount of \$150,000 for such contract amendment.

BATA Oversight  
Committee:

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Amy Worth, Chair

Approved: Date: April 10, 2019

REQUEST FOR COMMITTEE APPROVAL  
Summary of Proposed Contract

Work Item No.: 1251

Vendor: WSP, Inc.  
Antioch, CA

Work Project Title: On-Call Project Construction Management Services:  
SFOBB Metering Lights System Upgrade Project

Purpose of Project: To provide staffing to perform construction management services for the SFOBB Metering Lights System Upgrade project.

Brief Scope of Work: Provide resident engineering services and construction oversight of the SFOBB Metering Lights System Upgrade project.

Project Cost Not to Exceed: \$350,000

Funding Source: Toll Bridge Rehabilitation Program Budget.

Fiscal Impact: Funds are included in the FY 2018-19 Toll Bridge Rehabilitation Program Budget

Motion by Committee: That the Executive Director or designee is authorized to negotiate and enter into a contract with WSP, Inc. to perform construction support services for the SFOBB Metering Lights System Upgrade project as described above and in the Executive Director's memorandum dated April 3, 2019, and the Chief Financial Officer is directed to set aside funds in the amount of \$350,000 for such contract.

BATA Oversight Committee:

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Amy Worth, Chair

Approved: Date: April 10, 2019

REQUEST FOR COMMITTEE APPROVAL  
Summary of Proposed Contract

Work Item No.:	1251
Vendor:	Kimley-Horn and Associates, Inc. Oakland, CA
Work Project Title:	Dumbarton and San Mateo-Hayward Metering Light Upgrade
Purpose of Project:	Design Services
Brief Scope of Work:	Upgrade the metering system at the Dumbarton Bridge and San Mateo-Hayward Bridge.
Project Cost Not to Exceed:	\$750,000
Funding Source:	Toll Bridge Rehabilitation Program Funds
Fiscal Impact:	Funds are included in the FY 2018-19 Toll Bridge Rehabilitation Program Budget
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a contract with Kimley-Horn and Associates, Inc. to provide design services as described above and in the Executive Director's memorandum dated April 3, 2019, and the Chief Financial Officer is authorized to set aside funds in the amount of \$750,000 for such contract.
BATA Oversight Committee:	
	<hr/> Amy Worth, Chair
Approved:	April 10, 2019



# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

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**File #:** 19-0277      **Version:** 1      **Name:**  
**Type:** Contract      **Status:** Committee Approval  
**File created:** 3/7/2019      **In control:** Bay Area Toll Authority Oversight Committee  
**On agenda:** 4/10/2019      **Final action:**  
**Title:** Contract Amendment - On-Call Toll Bridge Asset Management Program Support on Richmond-San Rafael Bridge: WSP USA Inc. (\$1,500,000)

A request for approval of a contract amendment with WSP USA Inc. to provide additional toll bridge asset management program support services for the Richmond-San Rafael (RSR) Bridge.

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [5a WSP Contract Amendment.pdf](#)

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

Contract Amendment - On-Call Toll Bridge Asset Management Program Support on Richmond-San Rafael Bridge: WSP USA Inc. (\$1,500,000)

*A request for approval of a contract amendment with WSP USA Inc. to provide additional toll bridge asset management program support services for the Richmond-San Rafael (RSR) Bridge.*

**Presenter:**

Stephen Wolf

**Recommended Action:**

Committee Approval



BAY AREA TOLL AUTHORITY

Bay Area Metro Center

375 Beale Street

San Francisco, CA 94105

TEL 415.778.6700

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

## ***Memorandum***

TO: BATA Oversight Committee

DATE: April 3, 2019

FR: Executive Director

W. I. 1251, 1256

RE: Contract Amendment – On-Call Toll Bridge Asset Management Program Support on Richmond-San Rafael Bridge: WSP USA Inc. (\$1,500,000)

This memorandum requests authorization to amend BATA's contract with WSP USA Inc. (WSP) to provide additional toll bridge asset management program support services for the Richmond-San Rafael (RSR) Bridge, for an amount not to exceed \$1,500,000.

### **Background**

On April 11, 2018, this Committee approved the selection of a panel of pre-qualified consulting firms to provide on-call asset management program support for the seven state-owned toll bridges ("Bridges") as the result of a Request for Qualifications (RFQ) issued by staff.

On October 10, 2018, this Committee authorized a contract with WSP for an amount not to exceed \$800,000 to provide asset management support for the RSR Bridge as the result of a mini-RFQ issued by staff. With these funds, WSP will develop an asset management plan incorporating performance gap, life-cycle, and risk management analyses. The mini-RFQ scope also made provision for focused studies of bridge systems and/or elements and maintenance procedures to identify opportunities to improve effectiveness of the bridge's life-cycle maintenance and rehabilitation projects.

On March 4, 2019, BATA and Caltrans committed to Senator Mike McGuire and Assembly Member Marc Levine to analyze the bridge's structural capacity to accommodate on the upper deck a third westbound lane for peak period traffic, with a movable barrier system for a bicycle and pedestrian path during non-peak hours.

### **Contract Amendment**

Since the start of the assessment last fall, BATA has identified the need for two studies to be performed on the bridge: a load rating study and a deck condition study.

The load rating study will both: 1) Fulfill a Federal Highway Administration requirement of Caltrans; and 2) Evaluate the bridge's structural capacity to accommodate a third westbound traffic lane with a movable barrier system on the upper deck. The load rating would be completed in two phases: 1) Modeling of the as-built condition, including the 2006 seismic retrofit of the bridge; and 2) Accounting for structural degradation or effects of corrosion, where identified in existing inspection reports. The analysis will account for proposed changes to lane configurations, and is expected to take 12-18 months to complete.

The deck condition study will inform on the need for deck rehabilitation and replacement, which Caltrans has identified as future high-cost projects in the Toll Bridge Rehabilitation Program. In the context of the asset management plan, the goal is to optimize which deck projects move forward when, relative to hypothetical timeframes for replacing the bridge. WSP will scan the deck using various vehicle-based non-destructive tests: ground-penetrating radar; infrared thermography; high-resolution video; and digital acoustic response. WSP will post-process the data and provide plan views of the upper and lower decks and a report identifying areas of concrete degradation.

WSP's proposal includes scanning the other state-owned toll bridges without post-processing the data; the testing equipment will be mobilized in the Bay Area and the cost of collecting the data is only approximately one-tenth of the deck study with post-processing being the more costly part of the effort. This will provide raw data of a snapshot in time that can then be post-processed and compared with data collected in the future, should the need arise.

While the deck study is useful in determining the condition of the majority of the deck, it would not have discovered the conditions that led to the February 7<sup>th</sup> deck joint failure that closed the bridge in both directions as that joint was covered by steel plates. BATA has committed to replacing over the next year the 61 joints that date to the span's original construction.

Staff recommends amending the contract with WSP to fund the completion of a load rating and deck study of the RSR Bridge. Staff recommends including a contingency of 15 percent, equal to \$200,000, for this work. Funding will come from the BATA Toll Bridge Rehabilitation Program. The cost of work is estimated as follows:

1.	Load Rating	\$950,000
2.	Deck Study	\$350,000
3.	Contingency	\$200,000
Total		\$1,500,000

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

### **Recommendation**

Staff recommends that this Committee authorize the Executive Director or designee to negotiate and enter into a contract amendment for toll bridge asset management services on the RSR Bridge, in an amount not to exceed \$1,500,000.

  
Therese W. McMillan

TWM:sw  
Attachment



**Attachment A**  
**Small Business Enterprise (SBE) and Disadvantaged Business Enterprise (DBE) Status**

	Firm Name	DBE* Firm			SBE** Firm		
		Yes	If Yes, List #	No	Yes	If Yes, List #	No
<b>Prime Contractor</b>	WSP USA, Inc.			X			X
<b>Subcontractor</b>	Bridge Diagnostic Inc.			X			X
	Bridge Intelligence			X			X
	Collins Engineers, Inc.			X			X
	Infrasense, Inc.			X			X
	KTA-Tator, Inc			X			X
	Protection Engineering Consultants			X			X
	Vector Corrosion Services			X			X
	SEM Incorporated			X		1748098	
	SC Solutions			X			X
	Zoon Engineering			X		58549	

\*Denotes certification by the California Unified Certification Program (CUCP).

\*\*Denotes certification by the State of California.

REQUEST FOR COMMITTEE APPROVAL  
Summary of Proposed Contract Amendment

Work Item No.: 1251, 1256

Vendor: WSP USA Inc. (San Francisco, CA)

Work Project Title: Toll Bridge Asset Management Program Support for the Richmond-San Rafael Bridge

Purpose of Project: To provide toll bridge asset management program support for the Richmond-San Rafael Bridge.

Brief Scope of Work: Provide load rating and deck condition study for the Richmond – San Rafael Bridge

Project Cost Not to Exceed: This Amendment: \$1,500,000  
Contract value before this amendment: \$800,000  
Total contract value after this amendment: \$2,300,000

Funding Source: Toll Bridge Rehabilitation Program Funds

Fiscal Impact: Funds are included in the FY 2018-19 Toll Bridge Rehabilitation Program Budget

Motion by Committee: That the Executive Director or designee is authorized to negotiate and enter into a contract amendment with WSP USA Inc. to provide toll bridge asset management services for the Richmond-San Rafael Bridge as described above and in the Executive Director's memorandum dated April 3, 2019, and the Chief Financial Officer is directed to set aside additional funds up to \$1,500,000 for such contract amendment.

BATA Oversight Committee:

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Amy Worth, Chair

Approval Date: Date: April 10, 2019



# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

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**File #:** 19-0118      **Version:** 1      **Name:**  
**Type:** Contract      **Status:** Committee Approval  
**File created:** 1/29/2019      **In control:** Bay Area Toll Authority Oversight Committee  
**On agenda:** 4/10/2019      **Final action:**  
**Title:** Contract Amendment - On-Call Design Services: State Route 37 Interim Traffic Congestion Relief Project: AECOM Technical Services, Inc. (\$12,500,000)

A request for approval of a contract amendment with AECOM Technical Services, Inc. to provide environmental and design services for the SR 37 Interim Traffic Congestion Relief Project.

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [5b AECOM Contract Amendment .pdf](#)

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

Contract Amendment - On-Call Design Services: State Route 37 Interim Traffic Congestion Relief Project: AECOM Technical Services, Inc. (\$12,500,000)

*A request for approval of a contract amendment with AECOM Technical Services, Inc. to provide environmental and design services for the SR 37 Interim Traffic Congestion Relief Project.*

**Presenter:**

Kevin Chen and Ashley Nguyen

**Recommended Action:**

Committee Approval



BAY AREA TOLL AUTHORITY

Bay Area Metro Center

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

## ***Memorandum***

TO: BATA Oversight Committee

DATE: April 3, 2019

FR: Executive Director

W. I. 1237, 1258

RE: Contract Amendment – On-Call Design Services: State Route 37 Interim Traffic Congestion Relief Project: AECOM Technical Services, Inc. (\$12,500,000)

This memorandum requests that the Committee authorize the Executive Director or designee to negotiate and enter in to a contract amendment with AECOM Technical Services, Inc. in an amount not to exceed \$12,500,000 for on-call design services to provide environmental and design services for the State Route 37 Interim Traffic Congestion Relief Project (Project), subject to amending the BATA long-range plan to include the Project and approval of future BATA budgets.

### **Background**

State Route 37 (SR 37) is a 21-mile highway from US 101 in Novato, Marin County to I-80 in Vallejo, Solano County. In December 2018, Caltrans approved a Project Initiation Document (PID) that includes the purpose and need, scope and assessment of costs, schedule and risks for SR 37 Segment B between SR 121 and the Mare Island interchange. BATA, Caltrans and the four North Bay Congestion Management Agencies (CMAs) are ready to advance improvement projects into the project development and delivery phase. Given that travel demand exceeds the capacity of the 2-lane segment between SR 121 and the Mare Island interchange, the agency partners will start with preparing the environmental review and design for the Project which adds capacity with either the addition of a contraflow lane (3-lane highway) or conversion of the shoulder into a travel lane (4-lane highway).

Since 2016, MTC has led the development of the corridor plan, design alternative assessment for Segment B, environmental stakeholder outreach, and the PID for Segment B. More recently, to leave open the possibility of using federal funds, MTC issued a Request for Qualifications (RFQs) to BATA's on-call design bench for environmental and design services for the Project. At this juncture, however, MTC will transition out of the Resilient SR 37 Program and staff recommends that BATA step in as the contracting agency, in accordance with the approved MOU. The MOU contemplates amending legislation to include SR 37 into the BATA enterprise of toll crossings. This scope of work gives BATA an opportunity to perform its due diligence and to understand the costs, risks and viability of SR 37 prior to deciding to support inclusion in the BATA enterprise.

**Consultant Selection Process**

In December 2017, after a competitive procurement, the BATA Oversight Committee authorized the Executive Director to enter into contracts with eight firms, including AECOM, to provide on-call design services. On January 22, 2019, MTC issued a Request for Qualifications (RFQ) to all eight pre-qualified firms to provide design and environmental services for the SR 37 Interim/Traffic Congestion Relief Project. On February 19, 2019, staff received Statements of Qualifications (SOQs) from three of the eight firms in response to the RFQ. AECOM, Kimley-Horn and Associates, Inc., and T.Y. Lin International submitted SOQs.

A panel consisting of staff from MTC, Caltrans and Napa, Sonoma and Solano CMAAs performed a review and evaluation of the SOQs based on each firm's qualifications and specific experiences, including proposed project manager and key staff, project understanding, staff resources to achieve an expedited schedule, and communication, in descending order of importance. After SOQs were reviewed, all three firms were interviewed. Based on the combined scores from the written SOQs and the interviews, the evaluation panel unanimously ranked AECOM as the top-ranked team. T.Y. Lin was ranked second, and would be suitable to perform the work should BATA fail to enter into an agreement with AECOM. The panel's final ranking is below. Attachment A includes AECOM and its project team's small business and disadvantaged business enterprise status.

Consultant	Ranking
AECOM Technical Services, Inc.	1
T.Y. Lin International	2
Kimley-Horn and Associates, Inc.	3

**Recommendation**

Staff recommends that this Committee authorize the Executive Director or designee to negotiate and enter in to a contract amendment for design services for the Project, in an amount not to exceed \$12,500,000 with AECOM; or a contract with T.Y. Lin International in an amount not to exceed \$12,500,000 should the Executive Director or designee fail to reach an agreement with AECOM, with contract execution subject to the approval of the BATA long-range plan amendment and future BATA budgets.

  
Therese W. McMillan

TM:kc

Attachments

J:\COMMITTEE\BATA Oversight\2019\04 Apr'2019 BATA Oversight\5b\_ContractAmend\_SR37\_AECOM\_Memo\_v2.docx

**Attachment A**  
**Small Business Enterprise (SBE) and Disadvantaged Business Enterprise (DBE) Status**

	Firm Name	Role on Project	DBE* Firm			SBE** Firm		
			Yes	If Yes, List #	No	Yes	If Yes, List #	No
Prime Contractor	AECOM Technical Services, Inc.	Project Management; Preliminary Engineering, Traffic Operations Analysis, Environmental Studies			X			X
Subcontractor	Associated Right of Way Services, Inc.	Right-of-Way			X			X
	BayMetrics	Data Collection	X	28904				X
	Bess Testlab, Inc.	Utilities Support	X	34267				X
	Earthview Science	Visual Services			X	X	2011133	
	Econ Northwest	Revenue Analysis			X			X
	Elite Transportation Group	Travel Demand Forecast	X	45726		X	2011002	
	Illingworth & Rodkin, Inc.	Acoustic Support			X			X
	Pitcher Services, LLC	Geotechnical Support			X			X
	Radman Aerial Surveys	Aerial Surveys			X			X
	WRECO	Drainage Support	X	30066				X

\*Denotes certification by the California Unified Certification Program (CUCP).

\*\*Denotes certification by the State of California.

REQUEST FOR COMMITTEE APPROVAL  
Summary of Proposed Contract Amendment

Work Item No.: 1237, 1258

Contractor: AECOM Technical Services, Inc. (AECOM)  
Oakland, CA

Work Project Title: On-Call Design Services: State Route 37 Interim/Traffic  
Congestion Relief Project (Project)

Purpose of Project: To provide environmental and design services for the Project.

Brief Scope of Work: Obtain environmental clearance, project approval, and provide  
design services for State Route 37 Interim/Traffic Congestion  
Relief Project.

Project Cost Not to Exceed: \$12,500,000 this amendment  
Total contract value before this amendment: \$550,000  
Maximum contract amount after this amendment: \$13,050,000

Funding Source: Toll Bridge Rehabilitation Program Funds

Fiscal Impact: Subject to approval of future BATA budgets.

Motion by Committee: That the Executive Director or designee is authorized to  
negotiate and enter into a contract amendment with  
AECOM, or a contract with T.Y. Lin International should  
an agreement with AECOM not be reached, to perform  
design services as described above and in the Executive  
Director's memorandum dated April 3, 2019, and the Chief  
Financial Officer is directed to set aside funds for such  
contract amendment, subject to approval of the BATA  
long-range plan to include the Project and future BATA  
budgets.

BATA Oversight Committee: \_\_\_\_\_  
Amy Worth, Chair

Approved: Date: April 10, 2019