



TOLL BRIDGE PROGRAM OVERSIGHT COMMITTEE

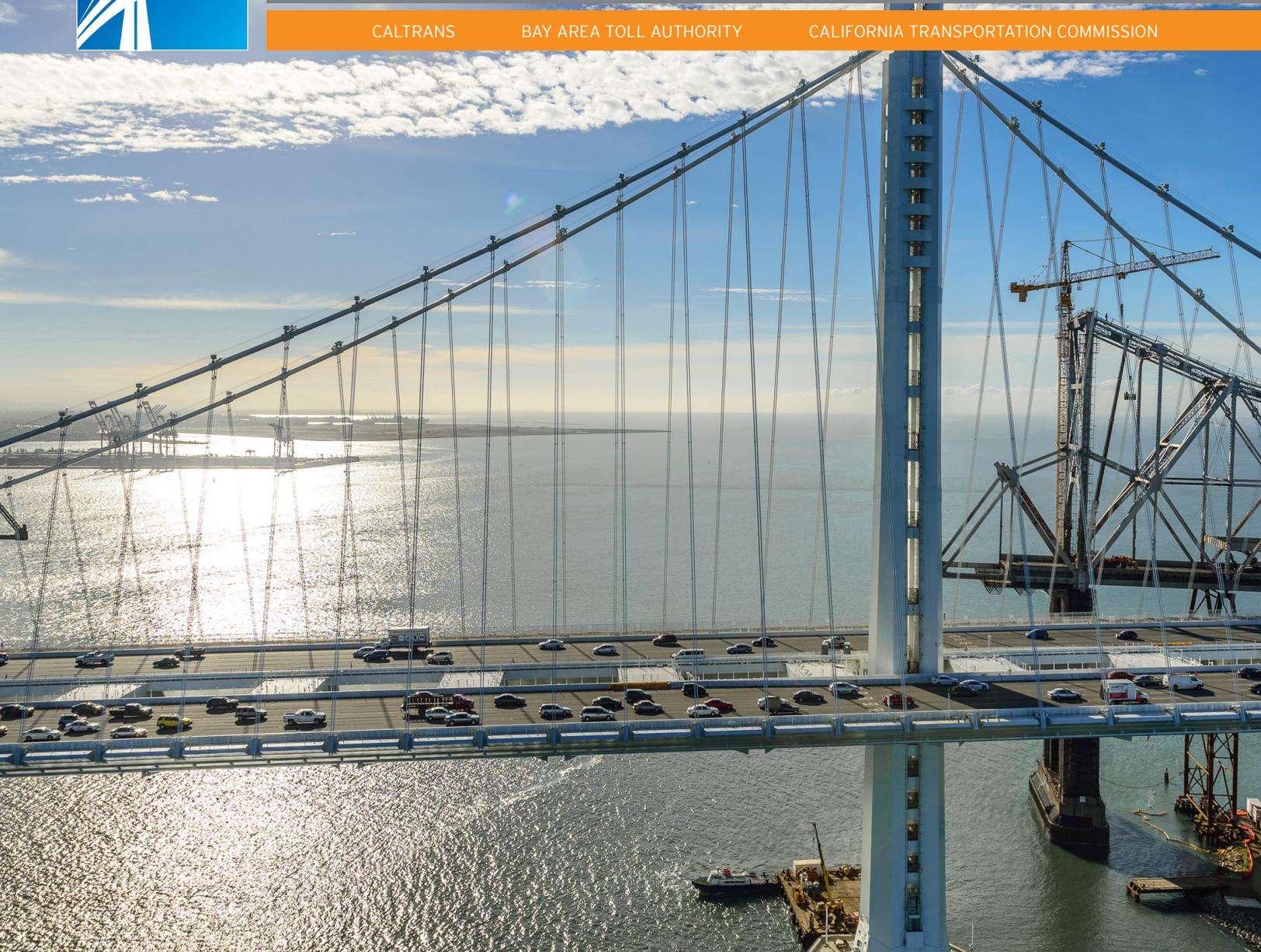
MEETING MATERIALS

January 27, 2015

CALTRANS

BAY AREA TOLL AUTHORITY

CALIFORNIA TRANSPORTATION COMMISSION





Letter of Transmittal

TO: Toll Bridge Program Oversight Committee
(TBPOC)

DATE: January 20, 2015

FR: Program Management Team (PMT)

RE: TBPOC Meeting Materials Packet – January 27, 2015

Herewith is the TBPOC Meeting Materials Packet for the January 27th meeting. The packet includes memoranda and reports that will be presented at the meeting. A Table of Contents is provided following the Agenda to help locate specific topics.

TBPOC REGULAR MEETING
January 27, 2015
Executive Session (DCR): 10:00am – 11:00am
Regular Session (CT Boardroom): 11:00am – 1:00pm
1120 N Street, Sacramento, CA
Dial-in Number: 1(866) 671-7318; Access Code: 9512345

Item Number/ Topic	Presenter	Time	Desired Outcome
1. EXECUTIVE SESSION a. SFOBB Self-Anchored Suspension (SAS) Outstanding Work b. Pier E3 Demolition Permits Update**			
2. CHAIR'S REPORT	S. Heminger, BATA		Information
3. CONSENT CALENDAR a. TBPOC Regular/ Urgent Meeting Minutes <ol style="list-style-type: none"> 1. TBPOC December 13, 2014 Minutes* 2. TBPOC December 16, 2014 Minutes* 3. TBPOC December 19, 2014 Minutes* 4. TBPOC January 13, 2015 Minutes* 	A. Fremier, BATA		Approval
4. PROGRAM ISSUES a. Capital Outlay Support (COS) Mitigation Plan** b. YBI Ramps and West Side Bridges Update*	PMT E. Cordoba, SFCTA	30 min 15 min	Approval Information
5. SAN FRANCISCO-OAKLAND BAY BRIDGE UPDATES a. SAS Update	B. Maroney, CT	30 min	Information
6. OTHER BUSINESS a. Report on matters discussed and actions taken at Urgent Meeting b. Report on matters discussed and actions taken during Executive Session	NA S. Heminger, BATA	NA 5 min	NA Information
7. GENERAL PUBLIC COMMENT			
Next TBPOC Regular Meeting: March 5, 2015, 10:00 a.m.			

* Attachments

**Attachments to be sent under separate cover

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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 510.817.5757 或 510.817.5769 TDD / TTY。我們要求您在三個工作日前告知，以滿足您的要求。

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Meeting Conduct: In the event that any public meeting conducted by TBPOC is willfully interrupted or disrupted by a person or by a group or groups of persons so as to render the orderly conduct of the meeting unfeasible, the Chair may order the removal of those individuals who are willfully disrupting the meeting. Such individuals may be subject to arrest. 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 on matters appearing on the agenda.

Table of Contents

TBPOC MEETING January 27, 20125

INDEX TAB	AGENDA ITEM	DESCRIPTION
1	1	EXECUTIVE SESSION a. SFOBB Self-Anchored Suspension (SAS) Outstanding Work b. Pier E3 Demolition Permits Update**
2	2	CHAIR'S REPORT
3	3	CONSENT CALENDAR a. TBPOC Regular/Urgent Meeting Minutes 1. TBPOC December 13, 2014 Minutes* 2. TBPOC December 16 2014 Minutes* 3. TBPOC December 19, 2014 Minutes* 4. TBPOC January 13, 2015 Minutes*
4	4	PROGRAM ISSUES a. Capital Outlay Support (COS) Mitigation Plan** b. YBI Ramps and West Side Bridges Update*
5	5	SAN FRANCISCO-OAKLAND BAY BRIDGE UPDATES a. SAS Update
6	6	OTHER BUSINESS a. Report on matters discussed and actions taken at Urgent Meeting b. Report on matters discussed and actions taken during Executive Session
7	7	GENERAL PUBLIC COMMENT

* Attachments

** Attachments to be sent out under separate cover

TO: Toll Bridge Program Oversight Committee **DATE:** January 20, 2014
(TBPOC)

FR: Brian Maroney, Deputy Toll Bridge Program Manager, Caltrans

RE: Agenda No. - 1a
San Francisco-Oakland Bay Bridge Updates
Item- Self-Anchored Suspension (SAS) Outstanding Work

Recommendation:

For Information Only

Cost:

NA

Schedule Impacts:

NA

Discussion:

A verbal update on the Self-Anchored Suspension (SAS) outstanding work will be provided at the TBPOC January 27th meeting.

Attachment(s):

NA

ITEM 1: EXECUTIVE SESSION

b. Pier E3 Demolition Permits Update**

**Attachments to be sent under separate cover

ITEM 2: CHAIR'S REPORT

TO: Toll Bridge Program Oversight Committee (TBPOC) **DATE:** January 20, 2015

FR: Andrew Fremier, Deputy Executive Director, Operations, MTC/ BATA

RE: Agenda No. - 3a1

Item- Consent Calendar
TBPOC Regular/Urgent Meeting Minutes
TBPOC December 13, 2014 Minutes

Recommendation:

APPROVAL

Cost:

NA

Schedule Impacts:

NA

Discussion:

The Program Management Team has reviewed and requests TBPOC approval of the December 13, 2014 Urgent Meeting Minutes.

Attachment(s):

December 13, 2014 Urgent Meeting Minutes



TBPOC URGENT MEETING MINUTES
December 13, 2014, 11:45am – 12:00pm

Attendees: TBPOC Members: Steve Heminger (Chair), Malcolm Dougherty, Andre Boutros
PMT Members: Tony Anziano, Andrew Fremier, Stephen Maller
Participants: Beatriz Lacson, Peter Lee, Dan McElhinney, Bijan Sartipi
General Public Participant: Roland Lebrun

Convened: 12:17 PM

Items		Action
1.	<p>EXECUTIVE SESSION</p> <p>a. SFOBB Self-Anchored Suspension Bridge Evaluation of the ASTM 354 Grade BD Rods</p>	
2.	<p>CHAIR'S REPORT</p> <ul style="list-style-type: none"> • The Chair deferred to M. Dougherty, Caltrans Director, who reported on the program reorganization which was communicated in a letter to Secretary B. Kelly yesterday. ○ The Program has accomplished its mission to deliver the project. ○ The remaining work, i.e., the dismantling project, consisting of three contracts, will be incorporated into District 4's construction portfolio. ○ Key personnel (Project Manager, Construction Manager, etc.) will continue to be dedicated to the remaining tasks, working with T. Anziano, Toll Bridge Program Manager, who will be moving on to another assignment but will be available to lend his program management and legal expertise. 	

(Continued)

Items	Action
<ul style="list-style-type: none">○ As transition occurs, other project personnel will be assigned to other tasks/projects.○ The TBPOC will continue in its oversight/reporting function. ● The Chair expressed his gratitude and appreciation to T. Anziano.	
<p>3. OTHER BUSINESS</p> <p>a. Report on matters discussed and actions taken at Urgent Meeting</p> <ul style="list-style-type: none">● NA <p>b. Report on matters discussed and actions taken during Executive Session</p> <ul style="list-style-type: none">● The Chair reported that the TBPOC discussion revolved around the supplemental report on the rods (Item 1a above), but no action was taken.○ A draft of the report will be posted on the website next week before the TBPOC December 19 meeting, at which time approval action will taken. ● The Chair announced that W. Kempton, former Caltrans Director/TBPOC member will return January 19, 2015, as CTC Executive Director, succeeding A. Boutros, whose last day in office will be December 30, 2014. Susan Bransen will act as interim CTC Executive Director. ● The next TBPOC regular meeting is on December 19, 2014, in Sacramento, 12:00pm – 3:00pm.	<ul style="list-style-type: none">● Staff to reschedule the TBPOC January 8, 2015 on a date after January 19.
<p>6. GENERAL PUBLIC COMMENT</p> <ul style="list-style-type: none">● No public comment received.	

Adjourned: 12:24 PM

(Continued)

TBPOC URGENT MEETING MINUTES
December 13, 2014, 11:45am – 12:00pm

APPROVED BY:

STEVE HEMINGER, TBPOC Chair
Executive Director, Bay Area Toll Authority

Date

ANDRE BOUTROS
Executive Director, California Transportation Commission

Date

MALCOLM DOUGHERTY
Director, California Department of Transportation

Date

TO: Toll Bridge Program Oversight Committee (TBPOC) **DATE:** January 20, 2015

FR: Andrew Fremier, Deputy Executive Director, Operations, MTC/ BATA

RE: Agenda No. - 3a2

Item- Consent Calendar
TBPOC Regular/Urgent Meeting Minutes
TBPOC December 16, 2014 Minutes

Recommendation:

APPROVAL

Cost:

NA

Schedule Impacts:

NA

Discussion:

The Program Management Team has reviewed and requests TBPOC approval of the December 16, 2014 Urgent Meeting Minutes.

Attachment(s):

December 16, 2014 Urgent Meeting Minutes



TOLL BRIDGE PROGRAM OVERSIGHT COMMITTEE

CALTRANS BAY AREA TOLL AUTHORITY CALIFORNIA TRANSPORTATION COMMISSION

TBPOC URGENT MEETING MINUTES

December 16, 2014, 9:00am – 9:30pm

Attendees: TBPOC Members: Steve Heminger (Chair), Malcolm Dougherty, Andre Boutros
PMT Members: Andy Fremier, Stephen Maller
Participants: Beatriz Lacson, Peter Lee

Convened: 9:25 AM

Items	Action
<p>1. EXECUTIVE SESSION</p> <p>a. SFOBB Self-Anchored Suspension Bridge Evaluation of the ASTM 354 Grade BD Rods</p>	
<p>2. CHAIR'S REPORT</p> <ul style="list-style-type: none">No report given.	
<p>3. OTHER BUSINESS</p> <p>a. Report on matters discussed and actions taken at Urgent Meeting</p> <ul style="list-style-type: none">NA <p>b. Report on matters discussed and actions taken during Executive Session</p> <ul style="list-style-type: none">The Chair reported that the draft final report for Item 1a above was discussed for approval Friday, December 19.The TBPOC unanimously approved posting the draft report on the website no later than COB today, subject to substantial edits discussed at the Executive Session. It will then be available for public review up to December 19. <p>Next TBPOC Meeting</p> <ul style="list-style-type: none">The next TBPOC regular meeting is on December 19, 2014, 12:00pm – 3:00pm, Sacramento.	

(Continued)

Items	Action
6. GENERAL PUBLIC COMMENT <ul style="list-style-type: none">No public comment received.	

Adjourned: 9:31 AM

TBPOC URGENT MEETING MINUTES

December 16, 2014, 9:00am – 9:30am

APPROVED BY:

STEVE HEMINGER, TBPOC Chair
Executive Director, Bay Area Toll Authority

Date

WILL KEMPTON
Executive Director, California Transportation Commission

Date

MALCOLM DOUGHERTY
Director, California Department of Transportation

Date

TO: Toll Bridge Program Oversight Committee (TBPOC) **DATE:** January 20, 2015

FR: Andrew Fremier, Deputy Executive Director, Operations, MTC/ BATA

RE: Agenda No. - 3a3

Item- Consent Calendar
TBPOC Regular/Urgent Meeting Minutes
TBPOC December 19, 2014 Minutes

Recommendation:

APPROVAL

Cost:

NA

Schedule Impacts:

NA

Discussion:

The Program Management Team has reviewed and requests TBPOC approval of the December 19, 2014 Regular Meeting Minutes.

Attachment(s):

December 19, 2014 Regular Meeting Minutes



TOLL BRIDGE PROGRAM OVERSIGHT COMMITTEE

CALTRANS BAY AREA TOLL AUTHORITY CALIFORNIA TRANSPORTATION COMMISSION

TBPOC REGULAR MEETING MINUTES

December 19, 2014, 1:00pm – 3:00pm
1120 N Street, Caltrans Boardroom, Sacramento, CA

Attendees: TBPOC Members: Steve Heminger (Chair), Malcolm Dougherty, Andre Boutros
PMT Members: Tony Anziano, Andrew Fremier, Stephen Maller
Participants: Ade Akinsanya, Bill Casey, Rich Foley, Ted Hall, Beatriz Lacson, Peter Lee, Brian Maroney, Dan McElhinney, Bijan Sartipi, Deanna Vilcheck, Mike Whiteside
TY Lin/M&N JV: Sajid Abbas, Dennis Jang, Hayat Tazir
Toll Bridge Program Seismic Safety Peer Review Panel: John Fisher (via phone), Jeff Gorman, Alan Pense (via phone), Lou Raymond, Herb Townsend

Convened: 1:20 PM

	Items	Action
1. EXECUTIVE SESSION <ul style="list-style-type: none">a. Contract Change Orders (CCOs)<ul style="list-style-type: none">1. OTD2 CCO 120-S2 (Post SSO Corridor Wide Lane Closures), \$400,000; COS: \$60,0002. YBITS2 CCO 308-S2 (Bird Nesting Deterrence Measures), \$3,200,000; COS: \$480,000b. SFOBB 504/288 Addendum Dismantling Addendum Items, \$14,400,000c. SFOBB Self-Anchored Suspension (SAS) Bridge Evaluation of the ASTM 354 Grade BD Rods	<ul style="list-style-type: none">• The TBPOC APPROVED the CCOs as presented, with direction given to staff.• The TBPOC APPROVED the addendum items, which are to be published in early January 2015.• The TBPOC APPROVED the SFOBB Self-Anchored Suspension (SAS) Bridge Evaluation of the ASTM 354 Grade BD Rods report, with the ability by the Chair to make technical revisions that will not change the substance and conclusions in the report.	
2. CHAIR'S REPORT <ul style="list-style-type: none">• The Chair announced that two		

(Continued)

Items	Action
<p>departures are being commemorated today, that of A. Boutros, CTC Executive Director, and T. Anziano, Toll Bridge Program Manager.</p> <ul style="list-style-type: none">○ On behalf of the Committee, the Chair expressed appreciation for A. Boutros' valued advice; he also extended congratulations on his retirement and presented him with parting gifts of appreciation.<ul style="list-style-type: none">➤ A. Boutros felt himself fortunate to be a part of this amazing project with unprecedented complexities, where everybody brought their best. He expressed gratitude for the support he received through the years, especially from the TBPOC.○ The Chair also presented T. Anziano with gifts, and praised him for his commitment and work ethic. He noted that a great debt is owed T. Anziano for a project that will keep people safe.○ M. Dougherty, Caltrans Director, pointed out that T. Anziano is not retiring. He thanked him for his leadership and all his help to him, not only to this project— a mission accomplished— but to the entire program.<ul style="list-style-type: none">➤ T. Anziano indicated that his journey began almost 18 years ago, and that he would not trade for anything this chance to work with the most outstanding people. He expressed his gratitude to a great team and stated that he is so glad and thankful that he did it.● The Chair noted that this is the same room where the two SAS bids were opened and concluded. It started here in this room and ends here.	
<p>3. CONSENT CALENDAR</p> <ul style="list-style-type: none">a. TBPOC Regular/Urgent Meeting Minutes	<ul style="list-style-type: none">● The TBPOC APPROVED the Consent Calendar, as presented.

(Continued)

Items	Action
<ol style="list-style-type: none"> 1. TBPOC November 2, 2014 Minutes 2. TBPOC November 4, 2014 Minutes 3. TBPOC December 1, 2014 Minutes <p>b. Contract Change Orders (CCOs)</p> <ol style="list-style-type: none"> 1. Self-Anchored Suspension (SAS) Span CCO 150-S2 (Security Cameras and Sensors at Piers W2, E2, T1 and Belvedere), \$2,104,224; COS: \$175,000 	
<p>4. PROGRESS REPORTS</p> <p>a. FHWA 2014 Annual Report</p> <ul style="list-style-type: none"> • T. Anziano, Toll Bridge Program Manager, presented for TBPOC approval, the 2014 Annual Update to the Financial Plan of the San Francisco-Oakland Bay Bridge East Span Seismic Safety Project, for submittal to the Federal Highway Administration (FHWA). ○ The annual update information is consistent with the published TBPOC quarterly reports. 	<ul style="list-style-type: none"> • The TBPOC APPROVED the 2014 Annual Update to the Financial Plan of the San Francisco-Oakland Bay Bridge East Span Seismic Safety Project for submittal to FHWA.
<p>5. PROGRAM ISSUES</p> <p>b. Capital Outlay Support (COS) Mitigation Plan</p> <ul style="list-style-type: none"> • T. Anziano noted that the Department put a lot of effort in their bottoms-up analysis, which identified savings toward a forecast of \$44M vs. a budget of \$38M. While in agreement through the end of the fiscal year, BATA's alternate plan shows a substantial discrepancy in other areas. ○ A. Fremier, Deputy Director, BATA, presented a COS mitigation plan that took a look at FY 14/15 rather than the whole program, using a top-down approach to the Department's bottoms-up analysis. Differences shown include: <ul style="list-style-type: none"> - 33-person discrepancy in Construction staff - only full time current staff of 73 vs. 40 proposed; 	

(Continued)

Items	Action
<ul style="list-style-type: none"> - \$4M more savings identified over six months for FY 14/15, \$8M over two years; - Overall YBITS2 staff total – Department, 64 vs. BATA, 23; - Project staff comparison - SF Ramps Project vs. YBITS2 – Department, 27 vs. BATA, 18; o A. Fremier also presented assumptions and sanity check for backup. • M. Dougherty commented that the goal has been achieved; remaining work is to be incorporated into the District 4 construction portfolio, organizational changes are in the works; take BATA’s information and cross-reference with the Department’s analysis and continue to challenge and refine the \$44M forecast. o A. Boutros agreed that there is opportunity to bring the gap narrower. o The Chair indicated that it is worth one more try to narrow the \$4M gap, and suggested looking at the project and not the program perspective. 	<ul style="list-style-type: none"> • The TBPOC DEFERRED APPROVAL of the COS mitigation plan pending more work to narrow the gap between the numbers developed by the Department and BATA. The PMT to notify the TBPOC when it is ready for approval via a conference call.
<p>5. SAN FRANCISCO-OAKLAND BAY BRIDGE UPDATES</p> <p>a. SAS Update</p> <ol style="list-style-type: none"> 1. Tower Base Update <ul style="list-style-type: none"> • B. Casey gave a presentation to update the TBPOC on the water observed at the base of the tower shaft (near a number of A354BD anchor rods) since the status updates provided at the TBPOC September and November meetings. o Discussion items included: water sample testing; tower base grouting operation; anchor rod removal operation; testing for regular corrosion; grouting issue and verification (biggest issue); status of galvanization (all completed verification); absence of bay water 	

(Continued)

Items	Action
(no evidence of it going through).	
<p>6. OTHER BUSINESS</p> <ul style="list-style-type: none">a. Report on matters discussed and actions taken at Urgent Meeting<ul style="list-style-type: none">• NA b. Report on matters discussed and actions taken during Executive Session<ul style="list-style-type: none">• See Item 1 above.○ Re Item 1c, the Chair summarized the events that started in March 2013 when the rods in Pier E were tensioned and three dozen rods failed, which led to the investigation concluding today, and the chain of decisions that led to the method and retrofit developed at that location. The three main questions answered were:<ol style="list-style-type: none">1. Why did the 2008 rods fail?2. What do we do about that?3. What about the other 2,000 or so rods in the bridge? What do we do with them?○ A July 2013 report was issued that led to more exhaustive testing and commissioning of a bolt team of nine pre-eminent experts to evaluate the remaining rods. Their conclusions were documented in a September 2014 report.○ It was incumbent upon the TBPOC to issue a supplemental report today with additional findings and corrections. The Chair noted that the supplemental report was posted on the Bay Bridge website and hardcopies are available on the tables at the back of the room.○ Discussion items included: Y. Chung's unsolicited report (credible but unconvincing criticism—we stand by our report); Townsend testing; threshold for embrittlement; major differences between 2008 and 2010 rods – the latter not expected to fail; unprecedented amount of testing	

(Continued)

Items	Action
displayed courage and foresight; complete agreement with conclusions. <u>Next TBPOC Meeting</u> <ul style="list-style-type: none">• The TBPOC January 8 meeting is being rescheduled on a date after January 19, 2015 when W. Kempton assumes office as CTC Executive Director.	
7. GENERAL PUBLIC COMMENT <ul style="list-style-type: none">• K. Bukowski noted that his videotapes of the TBPOC meetings can be viewed on YouTube.	

Adjourned: 2:40 PM

TBPOC REGULAR MEETING MINUTES
December 19, 2014, 1:00pm – 3:00pm

APPROVED BY:

STEVE HEMINGER, TBPOC Chair
Executive Director, Bay Area Toll Authority

Date

WILL KEMPTON Date
Executive Director, California Transportation Commission

MALCOLM DOUGHERTY
Director, California Department of Transportation

Date

TO: Toll Bridge Program Oversight Committee (TBPOC) **DATE:** January 20, 2015

FR: Andrew Fremier, Deputy Executive Director, Operations, MTC/ BATA

RE: Agenda No. - 3a4

Item- Consent Calendar
TBPOC Regular/Urgent Meeting Minutes
TBPOC January 13, 2015 Minutes

Recommendation:

APPROVAL

Cost:

NA

Schedule Impacts:

NA

Discussion:

The Program Management Team has reviewed and requests TBPOC approval of the January 13, 2015 Regular Meeting Minutes.

Attachment(s):

January 13, 2015 Regular Meeting Minutes



TOLL BRIDGE PROGRAM OVERSIGHT COMMITTEE

CALTRANS BAY AREA TOLL AUTHORITY CALIFORNIA TRANSPORTATION COMMISSION

TBPOC URGENT MEETING MINUTES

January 13, 2015, 2:45pm – 3:00pm

Attendees: TBPOC Members: Steve Heminger (Chair), Malcolm Dougherty, Susan Bransen
PMT Members: Andrew Fremier, Dan McElhinney
Participants: Beatriz Lacson, Peter Lee, Brian Maroney, Bijan Sartipi, Trish Stoops, Chris Trainor

Convened: 2:48 PM

Items	Action
1. EXECUTIVE SESSION a. SFOBB 504/288 Dismantling Addendum #4 Items	
2. CHAIR'S REPORT <ul style="list-style-type: none">The Chair extended Happy New Year wishes to everyone.	
3. OTHER BUSINESS a. Report on matters discussed and actions taken at Urgent Meeting <ul style="list-style-type: none">NA b. Report on matters discussed and actions taken during Executive Session <ul style="list-style-type: none">The Chair reported that the TBPOC discussed Item 1a above and gave instruction to staff to proceed with the 504/288 Dismantling Contract Addendum #4, which should be issued sometime next week. <ul style="list-style-type: none">The next TBPOC regular meeting is on January 27, 2015, in Sacramento, 10:00am – 1:00pm.	

(Continued)

Items		Action
6.	GENERAL PUBLIC COMMENT <ul style="list-style-type: none">• No public comment received.	

Adjourned: 2:51 PM

TBPOC URGENT MEETING MINUTES
January 13, 2015, 2:45pm – 3:00pm

APPROVED BY:

STEVE HEMINGER, TBPOC Chair
Executive Director, Bay Area Toll Authority

Date

WILL KEMPTON
Executive Director, California Transportation Commission

Date

MALCOLM DOUGHERTY
Director, California Department of Transportation

Date

ITEM 4: PROGRAM ISSUES

- a. Capital Outlay Support (COS) Mitigation
Plan**

**Attachments to be sent under separate cover

TO: Toll Bridge Program Oversight Committee (TBPOC) **DATE:** January 20, 2015

FR: Eric Cordoba, Project Manager, SFCTA

RE: Agenda No. - 4b
Yerba Buena Island Ramps & West Side Bridges Update
Item-

Recommendation:

For Information Only

Cost:

NA

Schedule Impacts:

NA

Discussion:

The San Francisco County Transportation Authority is working with the Treasure Island Development Authority (TIDA) on the development of the I-80/Yerba Buena Island (YBI) Interchange Improvement Project. TIDA asked the Transportation Authority, in its capacity as the San Francisco's Congestion Management Agency (CMA), to lead the effort to prepare and obtain approval for all required technical documentation for the project because of our expertise in funding and interacting with the California Department of Transportation (Caltrans) on technical aspects of the project. This project is independent of but closely coordinated with the Caltrans San Francisco Oakland Bay Bridge projects and the TIDA Yerba Buena Island Redevelopment project. The project is funded with Federal Highway Bridge Program, Proposition 1B Local Bridge Seismic Retrofit Account and TIDA local match funds.

The scope of the I-80/YBI Interchange Improvement Project includes two major components:

- a) On the east side of the island, the I-80/YBI Ramps project will construct new westbound on and off ramps to the new Eastern Span of the Bay Bridge.
- b) On the west side of the island, the YBI West-Side Bridges project will seismically retrofit the existing bridge structures—critical components of island traffic circulation between the island and the Bay Bridge.

I-80/YBI Ramps

The I-80/Yerba Buena Island (YBI) East-Side Ramps project will relocate the westbound exit ramp on the north side of I-80 and reconstruct the westbound entrance ramp on the north side of I-80 onto Bay Bridge. The project will improve traffic safety, geometric design, and traffic operations of the ramps. Total estimated project cost is currently \$98 million.

A joint California Environmental Quality Act/National Environmental Quality Act (CEQA/NEPA) document prepared by the Authority and Caltrans in the form of a Final Environmental Impact Report/Environmental Impact Statement (FEIS/FEIR) was completed for the project in December 2011. The FEIS/FEIR was re-validated in June 2012 to account for additional temporary improvements required by the US Coast Guard.

On December 17, 2013, the Transportation Authority Board approved award of the construction contract in the amount of \$49,305,345.50 to Golden State Bridge, Inc. (GSB). GSB's DBE participation goal of 13.8% exceeded the contractual requirements of 12.5%. Construction contract work started in January 2014 with completion targeted for mid-2016.

Construction activities are approximately 46% complete. Work on major concrete foundations and columns are proceeding at an excellent pace, approximately 80% complete. The contractor completed false work erection and stem and soffit steel and concrete pour for bridge A – YBI Westbound On – Ramp Tie-In viaduct. Deck steel placement is ongoing with concrete pour scheduled for late January 2015. In addition, the contractor began placement of falsework foundations for bridge E – YBI Westbound Off-Ramp Transition Viaduct. The Forest Road detour was opened for US Coast Guard vehicle use at the end of September 2014, in coordination with Caltrans closure of Southgate Road. Clipper Cove work continued in preparation for Quarters 10 and Building 267 relocation. Building relocations are scheduled for mid-January 2015. The project is on schedule for completion by mid-2016.

YBI West-Side Bridges

The Yerba Buena Island (YBI) West-Side Bridges Retrofit project will retrofit eight existing bridge structures along Treasure Island Road to meet current seismic safety standards. Five of the structures will be seismically retrofitted, while three will be demolished and replaced.

Seismic Strategy Reports prepared by the Authority were approved in October 2011. Separate environmental documents Categorical Exclusions per the National Environmental Protection Act (NEPA) and Categorical Exemptions per the California

Environmental Quality Act (CEQA) for each of the eight bridges were approved in December 2012.

As part of continued preliminary engineering and design efforts and as required by federal funding a Value Engineering Analysis (VA) Report was prepared in February 2014 in consultation with TIDA, the San Francisco Department of Public Works (SFDPW), and independent construction experts. The VA team made various recommendations for the Transportation Authority and TIDA consideration to reduce overall project risk and cost. The VA team's primary recommendation is to realign Hillcrest Road into the hillside utilizing several retaining walls; construction of a new realigned eastbound I-80 off-ramp bridge structure; and elimination of existing Structures #2, #3 and #6. The structures to be retrofitted (#1, 4, 7A, 7B, and 8) remain largely the same; however approach roadways, slopes, etc. are also affected. The recommended VA Report Alternative estimated at \$66M will save approximately \$9M compared to the environmentally approved alternative estimated at \$75M. Implementation of the VA Report Alternative will also improve seismic performance, simplify construction efforts, minimize maintenance cost and is preferred by TIDA and SFDPW. Caltrans approved the VA Report in November 2014.

The introduction of the VA Alternative will require additional engineering and environmental analysis to be performed. Additional environmental analysis is targeted for completion by March 2016. Final design and right of way certification activities are targeted for completion by December 2016. The project is currently anticipated to start construction in the spring of 2017 with completion targeted by the summer of 2019. Construction start of the project assumes completion of the I-80/YBI Ramps and Caltrans YBITS#2 contracts by late 2016.

Attachment(s):

YBI Ramps/West-Side Bridges Presentation

Yerba Buena Island Improvements Status Update



SAN FRANCISCO COUNTY TRANSPORTATION AUTHORITY

January 27, 2015

YBI Ramps Project Overview

THE SAN FRANCISCO COUNTY TRANSPORTATION AUTHORITY
AND CALTRANS



Interstate 80 / Yerba Buena Island
Westbound Ramps Project



YBI Ramps Current Status

- **Awarded Construction Contract to Golden State Bridge, Inc. \$49,305,345.50 – Dec. 17, 2013**
- **Construction 46% complete - current major activities:**
 - foundation & column construction – approximately 85% complete
 - Bridge A (WB on-ramp tie-in) deck pour late Jan. 2015
 - False-work erection (Bridge E) – 30% complete
 - Historic building move – weekend of Jan. 16
- **Scheduled construction completion date: August 2016**



YBI Ramps Current Status



Bridge A Westbound On-Ramp Tie-in



YBI Ramps Current Status



Bridge E Westbound Off-Ramp



YBI Ramps Current Status



Quarters 10



YBI (West-Side) Bridges Overview

- Seismic Retrofit of Eight (8) Bridge Structures on the West Side of Yerba Buena Island



YBI (West-Side) Bridges Overview



YBI (West Side Bridges) Current Status

- Preliminary engineering ongoing, VE scope change in process
- Design completion – Fall 2016
- Construction start – Spring 2017
- Scheduled completion date: Fall 2019



TIDA Development Current Status

- Preliminary engineering ongoing
- Navy to CCSF Land Transfer: Q1 2015 - Q4 2016
- Macalla Road reconstruction: Q4 2015 - Q2 2017



TO: Toll Bridge Program Oversight Committee **DATE:** January 20, 2014
(TBPOC)

FR: Brian Maroney, Deputy Toll Bridge Program Manager, Caltrans

RE: Agenda No. - 5a
Item- San Francisco-Oakland Bay Bridge Updates
Self-Anchored Suspension (SAS) Span Update

Recommendation:

For Information Only

Cost:

NA

Schedule Impacts:

NA

Discussion:

An update on the Self-Anchored Suspension (SAS) Span will be provided at the TBPOC January 27th meeting.

Attachment(s):

NA

ITEM 6: OTHER BUSINESS

- a. Report on matters discussed and actions taken at Urgent Meeting
- b. Report on matters discussed and actions taken during Executive Session

ITEM 7: GENERAL PUBLIC COMMENT