



TOLL BRIDGE PROGRAM OVERSIGHT COMMITTEE

MEETING MATERIALS

August 28, 2014

CALTRANS

BAY AREA TOLL AUTHORITY

CALIFORNIA TRANSPORTATION COMMISSION





Letter of Transmittal

TO: Toll Bridge Program Oversight Committee
(TBPOC)

DATE: August 21, 2014

FR: Program Management Team (PMT)

RE: TBPOC Meeting Materials Packet – August 28, 2014

Herewith is the TBPOC Meeting Materials Packet for the August 28th 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
August 28, 2014
Executive Session: 1:00pm – 2:00pm
Regular Session: 2:00pm – 4:00pm
325 Burma Road, Oakland, CA**

Item Number/ Topic	Presenter	Time	Desired Outcome
1. EXECUTIVE SESSION a. Contract Change Orders (CCOs) <ol style="list-style-type: none"> 1. Self-Anchored Suspension (SAS) Span CCO 349-S1 (Change in Character Traffic Control/Construction Access – Additional Funds)** 2. SAS CCO 352-S1 (Change in Character Painting Impacts Certified Coating – Additional Funds)** 3. SAS CCO 379 (Traveler Rail Gap Modification)** 			
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 August 14, 2014 Minutes* 	A. Fremier, BATA		Approval
4. PROGRESS REPORTS a. Risk Management Briefing, 2 nd Quarter 2014*	R. Foley, CT	30 min	Information
5. SAN FRANCISCO-OAKLAND BAY BRIDGE UPDATES a. SAS Update <ol style="list-style-type: none"> 1. A354 Grade BD High Strength Steel Rods Testing Update** 	B. Maroney, CT	60 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	S. Heminger, BATA	5 min	Information
	S. Heminger, BATA	5 min	Information
7. GENERAL PUBLIC COMMENT			

**Next TBPOC Regular Meeting:
September 25, 2014, 10:00am – 1:00pm**

* Attachments

**Attachments to be sent under separate cover

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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.

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TBPOC REGULAR MEETING August 28, 2014

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1	1	EXECUTIVE SESSION a. Contract Change Orders (CCOs) <ol style="list-style-type: none"> 1. Self-Anchored Suspension (SAS) Span CCO 349-S1 (Change in Character Traffic Control/Construction Access - Additional Funds)** 2. SAS CCO 352-S1 (Change in Character Painting Impacts Certified Coating – Additional Funds)** 3. SAS CCO 379 (Traveler Rail Gap Modification)**
2	2	CHAIR'S REPORT
3	3	CONSENT CALENDAR a. TBPOC Regular/Urgent Meeting Minutes <ol style="list-style-type: none"> 1. TBPOC August 14, 2014 Minutes*
4	4	PROGRESS REPORTS a. Risk Management Briefing, 2 nd Quarter 2014*
5	5	SAN FRANCISCO-OAKLAND BAY BRIDGE UPDATES a. SAS Update <ol style="list-style-type: none"> 1. A354 Grade BD High Strength Steel Rods Testing 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

ITEM 1: EXECUTIVE SESSION

- a. Contract Change Orders (CCOs)
 - 1. Self-Anchored Suspension Span (SAS)
CCO 349-S1 (Change in Character
Traffic Control/Construction Access –
Additional Funds) **
 - 2. SAS CCO 352-S1 (Change in Character
Painting Impacts Certified Coating –
Additional Funds) **
 - 3. SAS CCO 379 (Traveler Rail Gap
Modification) **

** Attachments to be sent under separate cover

ITEM 2: CHAIR'S REPORT

TO: Toll Bridge Program Oversight Committee (TBPOC) **DATE:** August 21, 2014

FR: Andrew Fremier, Deputy Executive Director, BATA

RE: Agenda No. - 3a1
Consent Calendar
Item- TBPOC Regular/ Urgent Meeting Minutes
August 14, 2014 Meeting Minutes

Recommendation:
APPROVAL

Cost:
NA

Schedule Impacts:
NA

Discussion:
The Program Management Team has reviewed and requests TBPOC approval of the August 14, 2014 Meeting Minutes.

Attachment(s):
TBPOC August 14, 2014 Meeting Minutes



TOLL BRIDGE PROGRAM OVERSIGHT COMMITTEE

CALTRANS BAY AREA TOLL AUTHORITY CALIFORNIA TRANSPORTATION COMMISSION

TBPOC URGENT MEETING MINUTES

August 14, 2014, 9:30am – 10:00am
111 Grand Avenue, Conference Room 15-240, Oakland CA

Attendees: TBPOC Members: Steve Heminger (Chair), Malcolm Dougherty, Andre Boutros
PMT Members: Tony Anziano, Andrew Fremier, Stephen Maller
Participants: Michele DiFrancia, Rich Foley, Beatriz Lacson, Peter Lee, Bijan Sartipi, and Ken Terpstra

Convened: 9:50 AM

Items	Action
<p>1. EXECUTIVE SESSION</p> <ul style="list-style-type: none">a. Self-Anchored Suspension (SAS) Span Contract Change Order (CCO) 352-S1 (Change in Character Painting Impacts Certified Coating – Additional Funds)b. Risk Management Briefing, 2nd Quarter 2014	
<p>2. CHAIR'S REPORT</p> <ul style="list-style-type: none">• None reported.	
<p>3. CONSENT CALENDAR</p> <ul style="list-style-type: none">a. TBPOC Regular/Urgent Meeting Minutes<ul style="list-style-type: none">1. TBPOC July 24, 2014 Minutes	<ul style="list-style-type: none">• The TBPOC APPROVED the TBPOC July 24, 2014 meeting minutes, as presented.
<p>4. PROGRESS REPORTS</p> <ul style="list-style-type: none">a. 2014 Second Quarter Project Progress and Financial Update<ul style="list-style-type: none">• P. Lee, Principal, BATA, presented the 2nd quarterly report for TBPOC approval. He noted that the report is reflective of the Risk Management report and is due to the Legislature today.○ Discussion items included: revisions to	<ul style="list-style-type: none">• The TBPOC APPROVED the 2014 Second Quarter Project Progress and Financial Update with changes as discussed, and tasked the PMT to review page 7 and revise as necessary.

(Continued)

Items	Action
the cover letter; page 7 – forecast on schedule shows only green circles in spite of existing pressure on demolition schedule (which ought to reflect a yellow or red circle), SAS Superstructure contract completion should be Dec 2014.	
<p>5. 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 noted that this item was deferred for TBPOC action on its August 28, 2014 meeting.• The Chair reported that a briefing on Risk Management, 2nd Quarter 2014 was provided to the TBPOC. <p>Next TBPOC Meetings</p> <ul style="list-style-type: none">• The next TBPOC regular meeting is on August 28, 2014, 1:00pm – 4:00pm, Pier 7, Oakland.	<ul style="list-style-type: none">• Staff to agendize CCO 352-S1 for the TBPOC August 28, 2014 meeting.
<p>6. GENERAL PUBLIC COMMENT</p> <ul style="list-style-type: none">• No public comment received.	

Adjourned: 9:56 AM

(Continued)

TBPOC REGULAR MEETING MINUTES

August 14, 2014, 9:30am – 10:00am

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:** August 21, 2014

FR: Rich Foley, Risk Manager, Caltrans

RE: Agenda No. - 4a
Progress Reports
Item- Risk Management Briefing, 2nd Quarter 2014

Recommendation:

For Information Only

Cost:

NA

Schedule Impacts:

NA

Discussion:

Attached, for TBPOC information, is the Risk Management Briefing Second Quarter 2014.

Attachment(s):

Risk Management Briefing, 2nd Quarter 2014



TBPOC Briefing Risk Management Results Second Quarter 2014



TOLL BRIDGE PROGRAM
OVERSIGHT COMMITTEE

CALTRANS BAY AREA TOLL AUTHORITY CALIFORNIA TRANSPORTATION COMMISSION

Summary Of Q2 Changes

\$19.7 Million Increase in Potential Draw this Quarter

- **\$14.8 million Increase in Capital Outlay Forecast**
 1. \$11.1 m increase in SAS – Extra Work & Time Extension

- **\$11.4 million Increase in Capital Outlay Support Forecast**
 1. Increase to SAS related to time extension through 12/31/2014
 2. Increase to YBITS #2 based on Burn Rate Analysis

- **\$6.5 million Decrease in Capital Outlay Risks**
 1. Decrease to SAS – TRO Range and Transfer to CCO Log - \$20M
 2. Increase to Dismantling Contracts – Environmental Considerations - \$17M

Q2 RMC Results

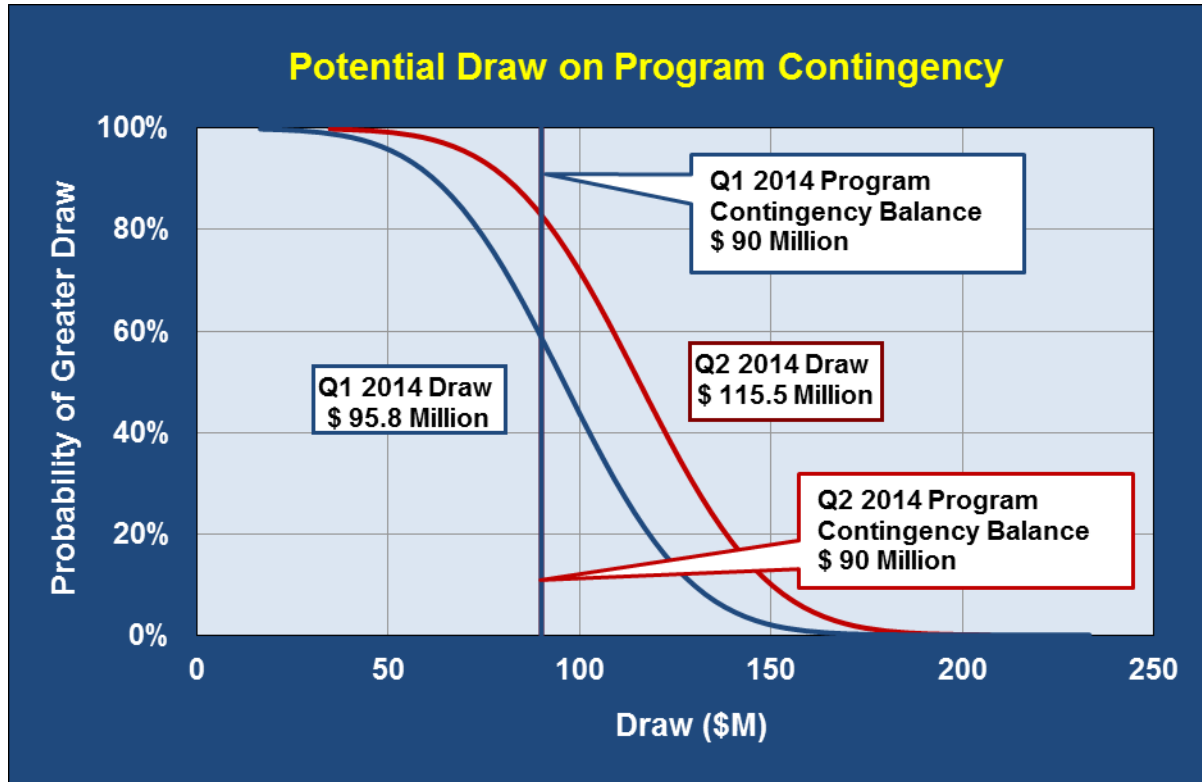
	50% Probable Risk Management Cost			
	Q2 2014	Q1 2014	Change	% Change
Marine Structures Dismantling	26,526,000	25,476,000	1,050,000	4
504' & 288' Steel Structures Dismantling	55,122,000	39,028,000	16,094,000	41
Cantilever Dismantling	13,750,000	14,910,000	(1,160,000)	(8)
OTD2 Eastbound	3,487,000	4,966,000	(1,479,000)	(30)
OTD Detour	75,000	75,000	0	0
Self-Anchor Suspension	27,431,000	48,417,000	(20,986,000)	(43)
YBI#1 Mainline Structures	1,167,000	1,167,000	0	0
YBI#2 Post Traffic Switch	42,302,000	42,302,000	0	0
Total East Span	169,860,000	176,341,000	(6,481,000)	(4)
Program-level risks (not in a contract)	11,659,000	11,659,000	0	0
Total Capital Outlay Risk	181,519,000	188,000,000	(6,481,000)	(3)
COS Risks	20,300,000	8,900,000	11,400,000	128
Total Risk	201,819,000	196,900,000	4,919,000	2
Draw on Program Contingency	115,519,000	95,800,000	19,719,000	21
Contract Contingency	86,300,000	101,100,000	(14,800,000)	
Program Contingency Balance	89,510,000	89,510,000	0	
Total Contingency	175,810,000	190,610,000	(14,800,000)	

COS Changes

Contract	50% Probable COS Differential (\$M)		
	Q2 2014	Q1 2014	Change
SAS	11.9	8.7	3.2
YBI Detour	0.0	0.0	0.0
YBITS #1	0.0	(0.6)	0.6
YBITS #2	8.8	(4.2)	13.0
OTD #2	4.0	2.9	1.1
OTD Detour	0.2	0.2	0.0
Program-level	8.5	16.1	(7.6)
Demolition	4.3	3.4	0.9
Total East Span	37.7	26.4	11.2
West Approach	0.3	0.3	0.0
Antioch	(7.2)	(7.2)	0.0
Dumbarton	(10.5)	(10.6)	0.1
Total COS Risk	20.3	8.9	11.4

* COS Cost Differential is measured from the current COS Budget

Q2 Draw



50% Probable Risk vs. Available Contingency

	Risk	Contingency
OTD1 Westbound	0	
E2/T1	0	-3.8
SSD	0	
Stormwater	0	1.0
West Approach	0	12.6
Submarine Cable	0	-3.9
Antioch	0	0.8
Dumbarton	0	24.5
Completed Projects	0	31.2
OTD2 Eastbound	3.5	2.3
OTD Detour	0.1	2.5
Self-Anchor Suspension	27.4	18.7
YBI#1 Mainline Structures	1.1	0.1
YBI#2 Post Traffic Switch	42.3	9.1
YBI#3	0.0	1.2
East Span Total	74.4	33.9
Program-level risks (not in a contract)	11.7	0.0
COS Risks	20.3	0.0
Right-of-way and Mitigation		10.4
Program-wide	32.0	10.4
Marine Structures Dismantling	26.5	-0.1
504' & 288' Steel Structures Dismantling	55.1	-0.1
Cantilever Dismantling	13.8	11.0
Demolition Total	95.4	10.8
Totals	201.8	86.3
Draw on Program Contingency		115.5
Program Contingency Balance		89.5

Changes to Dismantling Contracts

- Increase of \$63M between Q1 2013 and Q2 2014 (last 1.5 years)
 - Capital Outlay - \$26.2M (15% Increase)
 - Risk – 36.7M (122% Increase)
- Capital Outlay Increases
 - 2013 Q3 – Schedule Revisions move mid-point of Construction - \$7M
 - 2014 Q1 – Removal of Piers E2 & E19 to E22 added to Estimate - \$19.4M
 - 2014 Q1 – Added Scope of Demonstration Projects – On-site & Off-Site – See above
 - 2014 Q1 – Schedule Revisions push Mid-point of Construction - <\$4.6M>
 - Mitigated by Changes to Cantilever Removal Sequence
 - 2014 Q1 – Added Scope Salvage Items - \$4.4M
- Risk Management Increases
 - 2013 Q2 – Added Risk for Unknown Unknowns - \$3M
 - 2013 Q3 – Increased Risk related to Schedule Delays in Construction 504/288 - \$5.1M
 - 2013 Q4 – Potential Delays to the Start of Construction – Knock On Effects - \$15.7M
 - 2014 Q2 – Additional Bird Mitigation – Eliminated COS Risk & Added CO Risk - \$17.1M

Challenge Going Forward

- Project close-out - YBITS1 & OTD2 (Near Term) & SAS
- Environmental Risks Continue to Increase Based on Communication with National and State Agencies
- Some opportunities for cost mitigation include:
 1. Eliminate the risk related to cost estimate uncertainty of 504/288 and Marine Foundations contracts if bids come in under the estimates.
 2. Obtain Concurrence to Leave Foundations – E2 & E19-E22



Project Risk Management

**ITEM 5: SAN FRANCISCO-OAKLAND
BAY BRIDGE UPDATES**

a. SAS Update

1. AB354 Grade BD High Strength Steel
Rods Testing Update**

** Attachments to be sent under separate cover

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