



**TBPOC December 10, 2018**

**SUPPLEMENTAL PACKET**

## ITEM 5

Program Budget/Risks Management Update for FY 18-19  
(Capital Outlay/Capital Outlay Support/Risk  
Management)



# TBPOC Briefing Risk Management Results Third Quarter 2018



TOLL BRIDGE PROGRAM  
OVERSIGHT COMMITTEE

CALTRANS BAY AREA TOLL AUTHORITY CALIFORNIA TRANSPORTATION COMMISSION

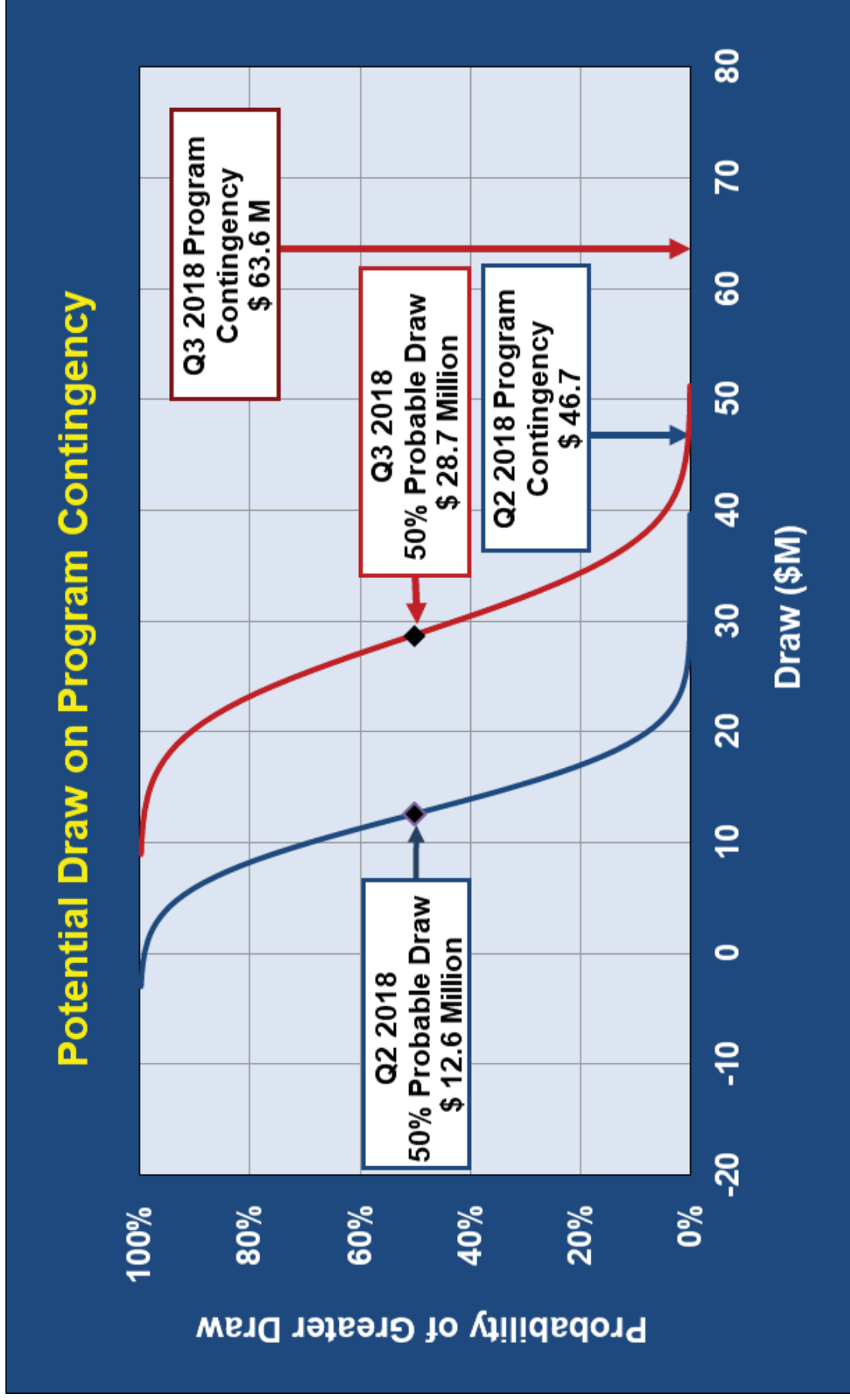
TBPOC Meeting,  
December 10, 2018  
Presented By Patrick Treacy, SFOBB Risk Manager

# Toll Program Risk Management

- **Quarterly Reporting Since Q1 2006**
  - 51<sup>st</sup> Report to TBPOC on status of risks in program
  - Since 2006 Project Teams have identified 2,032 Risks in 23 Projects
- **Currently Quantifying Risks on 1 Project and the Program**
  - 45 Active Risks Being Quantified Each Quarter
    - 24 Active Capital Outlay Risks
    - 21 Active Cost of Support (COS) Risks

# Summary of Q3 2018 Cost Risk Results

## Adequacy of Reserves



# Summary Of Q3 2018 Changes

## **Little change in “Bottom-line” this Quarter**

\$0.8 million: Overall Decrease in Program Forecast

## **\$63.58 Million Remaining in Program Contingency in Q3 2018**

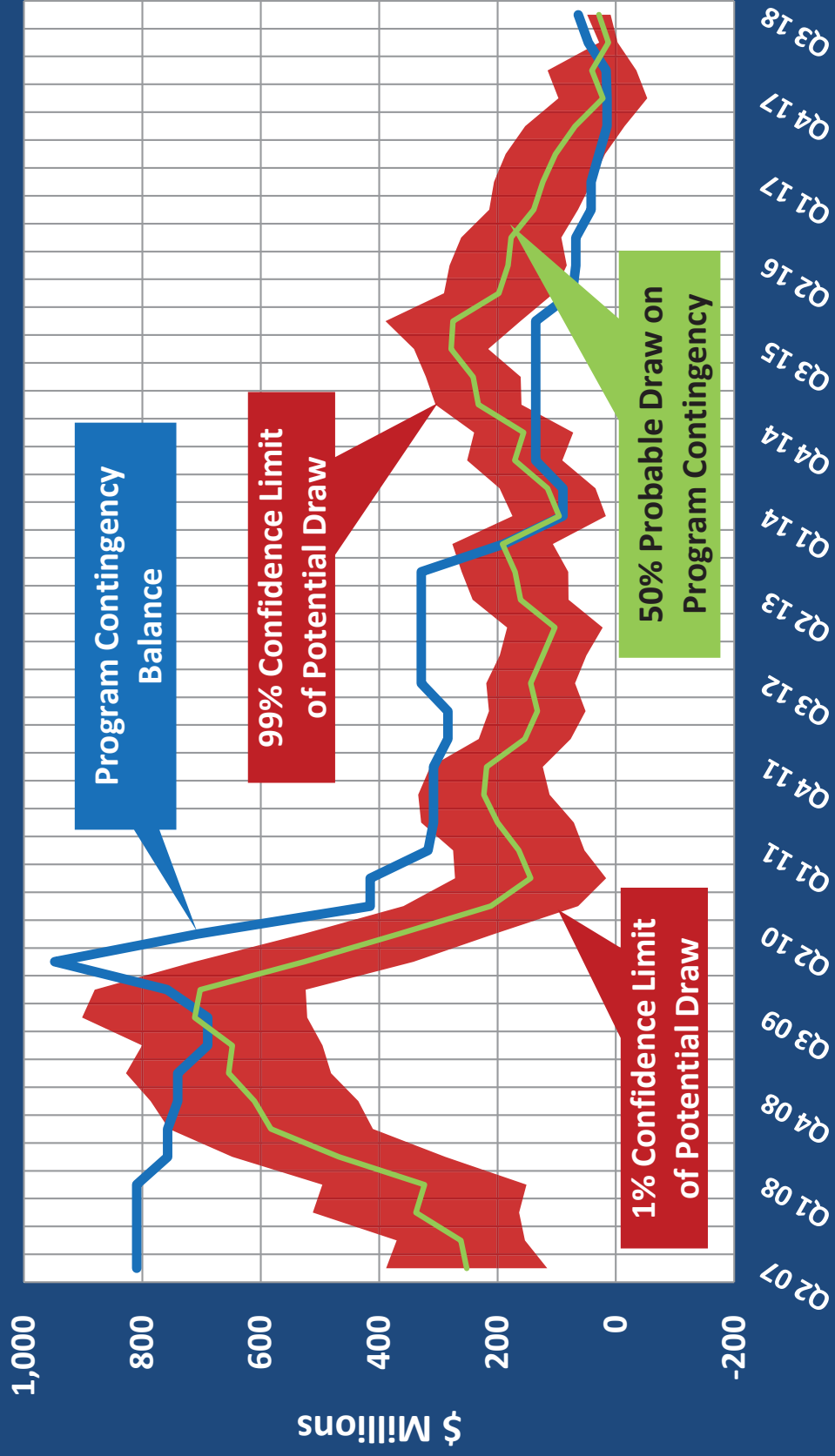
\$16.9 million Richmond/San Rafael Contingency transferred to Program Contingency, as a result of June 21<sup>st</sup> 2018 TBPOC meeting actions.

# Q3 2018 RMC Results

50% Probable Risk Management Cost				
	Q3 2018	Q2 2018	Change	% Change
Pier E2, E21, E22 Retention E19, E20 Demolition	17,646,000	18,786,000	(1,140,000)	(6)
<b>Total East Span</b>	<b>17,646,000</b>	<b>18,978,000</b>	<b>(1,332,000)</b>	<b>(7)</b>
Program-level risks (not in a contract)	11,864,000	5,599,000	6,265,000	112
<b>Total Capital Outlay Risk</b>	<b>29,510,000</b>	<b>24,577,000</b>	<b>4,933,000</b>	<b>20</b>
COS Risks	6,000,000	9,600,000	(3,600,000)	(38)
<b>Total Risk</b>	<b>35,510,000</b>	<b>34,177,000</b>	<b>1,333,000</b>	<b>4</b>
Draw on Program Contingency	28,740,000	12,577,000	16,163,000	129
Contract Contingency	6,770,000	21,600,000	(14,830,000)	
Program Contingency Balance	63,580,000	46,680,000	16,900,000	
Total Contingency	70,350,000	68,280,000	2,070,000	

# Draw Trend

## Trend of Potential Draw on Program Contingency





# Top 10 Risks

Top 10 Capital Outlay Risks						
Project	ID	Title	Probability	Cost		
				Optimistic	Pessimistic	Probable
Marine*	922	Added scope & delay due to Architectural/Design Enhancements	90%	5,500,000	10,500,000	7,290,000
Program	65.2	TBSRP found to be Responsible Party for YBI DTSC Site 11	90%	2,000,000	6,000,000	3,900,000
Marine*	904	Capital Cost of schedule delays in the Construction Phase	100%	400,000	8,500,000	3,867,000
Program	70	Work on Corridor that is currently not in a contract	70%	0	10,000,000	3,500,000
Marine*	922.1	Added cost due to roadway/structure design finalization	90%	1,500,000	3,000,000	1,950,000
Program	84	Organisational changes lead to program closeout delays	80%	0	5,000,000	1,867,000
Program	65	Close out costs on items transferred to SFCTA on YBI	50%	1,000,000	4,000,000	1,167,000
Marine*	907	Hazardous materials (excludes final Site #11, #8 & #28 cleanup costs) over and above those identified in the estimate	90%	500,000	2,000,000	1,050,000
Marine*	916	Organisational changes lead to omissions and /or project delays	70%	500,000	2,000,000	817,000
Marine*	932	Increased cost of close out of the Corridor	70%	200,000	2,500,000	712,000
				<b>Total</b>		<b>26,120,000</b>

\*Marine Foundations: E2, E21, E22 Retention; E19, E20 Demolition

# Risk in Cost Forecast

## Data from Q3 2018 Quarterly Report:

Forecast to Completion:	\$8,917.2 million
Cost To Date:	<u>\$8,824.8 million</u>
Work Remaining (inc. Risk):	\$92.4 million
Total Risks	\$35.5 million
Costs carried in Risk Forecast*:	<u>\$5.0 million</u>
Future Risk:	\$29.18 million (31% of Work Remaining)

\* TBPOC Approved Budget does not account for \$5.0 million budget increase from the June 21, 2018, which is pending approval by the BATA oversight committee, cost carried in risk until budget approved by BATA.

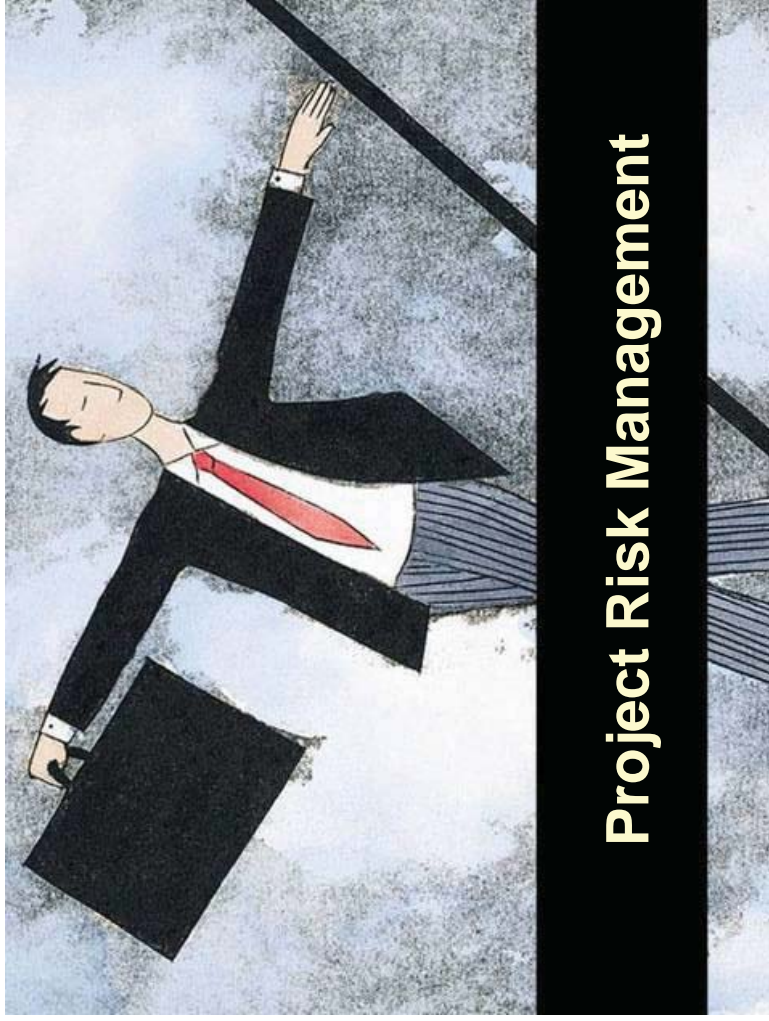
# Remaining Work (\$92.4 M) Based on Q3 2018 Forecast

- \$38.1 million: E2 Retention, E19 to E22 Demolition Capital Cost
- \$25.3 million: East Span COS
- \$5.7 million: Right of Way & Environmental Mitigation
- \$5.5 million: BATA South Gate Rd COS/CO
- \$11.8 million: YBI/ Program Risks
- \$2.8 million: 504'/288" State Furnished Material (i.e. RE Office etc.)
- \$2.6 million: SAS close out utility relocation costs
- \$0.6 million: Final Payment & Close Out to YBITS2
- \$92.4 million: Total Remaining Work

# Challenges Going Forward

- Resolve FINAL Scope of Pier Retention Amenities with BCDC
- Resolve Disposition of DTSC sites on YBI

Questions?



**Project Risk Management**