

ELLIOTT BAY SEAWALL PROJECT

Seattle City Council

Sustainability and Transportation Committee

April 4, 2017

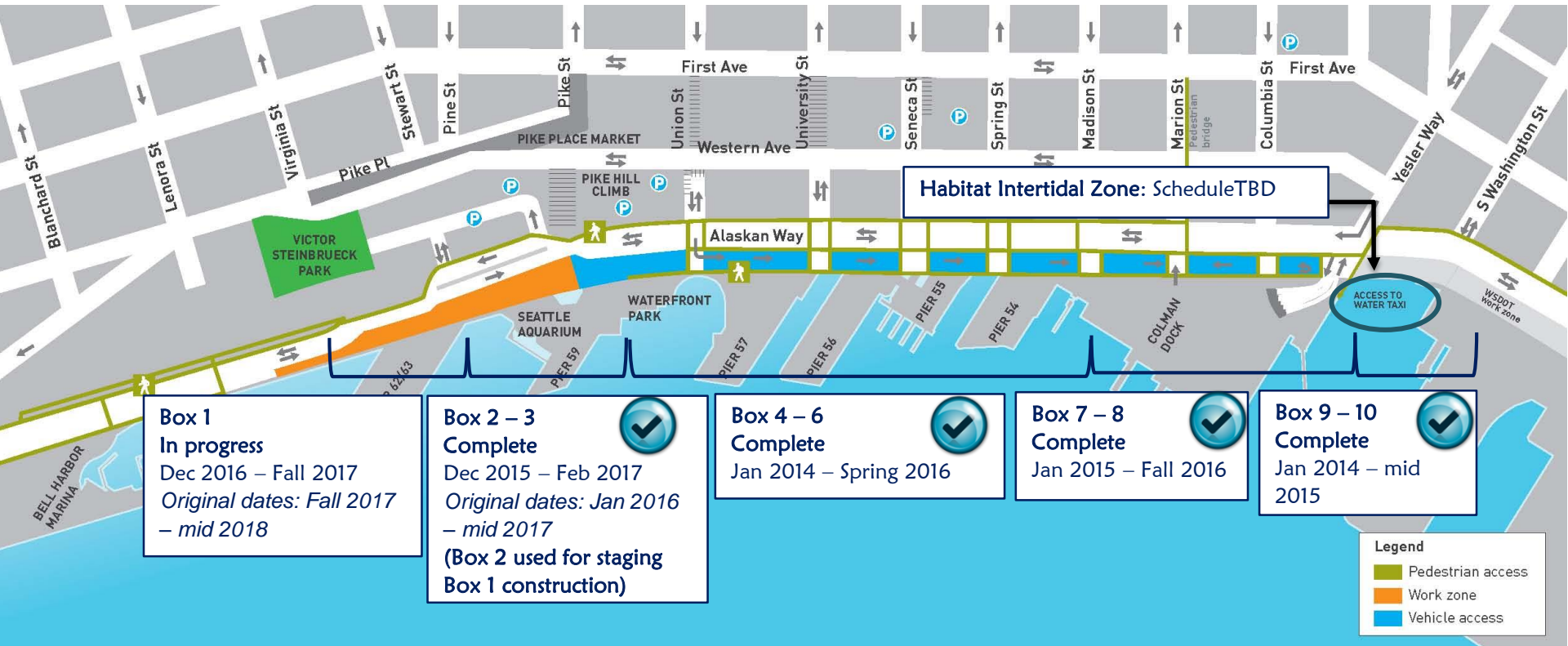
AGENDA

- Project status
- Budget
- Risks
- Construction update
- What's next



PROJECT STATUS

PROJECT DEFINITION - SCHEDULE & COST



\$371.8m – Project cost (Boxes 2-10)

\$38.4m – Estimated cost (August 2015) adjacent to Pier 62/63 (Box 1)

\$410.2m – Estimated Total Project Cost (August 2015)
Virginia to S. Washington streets

SCHEDULE



	2013			2014				2015				2016				2017				2018			
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Early Work	█																						
S. of Colman Dock			█	█	█	█	█																
Pike to Madison							█	█	█		█	█											
Madison to Yesler								█	█	█	█	█											
Pine to Pike												█	█	█	█	█	█	█	█	★			
Virginia to Pine																				█	█		

We are here



= finished 3 months ahead of original schedule

VIRGINIA TO PINE STREETS (BOX 1)

- Construction began December 2016
- Major work is complete up to Pine Street, major work north of Pine Street anticipated to wrap up fall 2017
- Pier 62/63 equipment will be staged between Lenora and Virginia Streets and between Pike and Pine Streets through fall 2018



SEAWALL INTERTIDAL HABITAT IMPROVEMENTS



- Coordination with WSDOT to determine ideal construction timing in coordination with their Colman Dock work
- Needs to be constructed before the end of 2021
- City needs to sign a lease for the property with WSDOT prior to construction
- Complete costs TBD based on construction timing and bids for the work

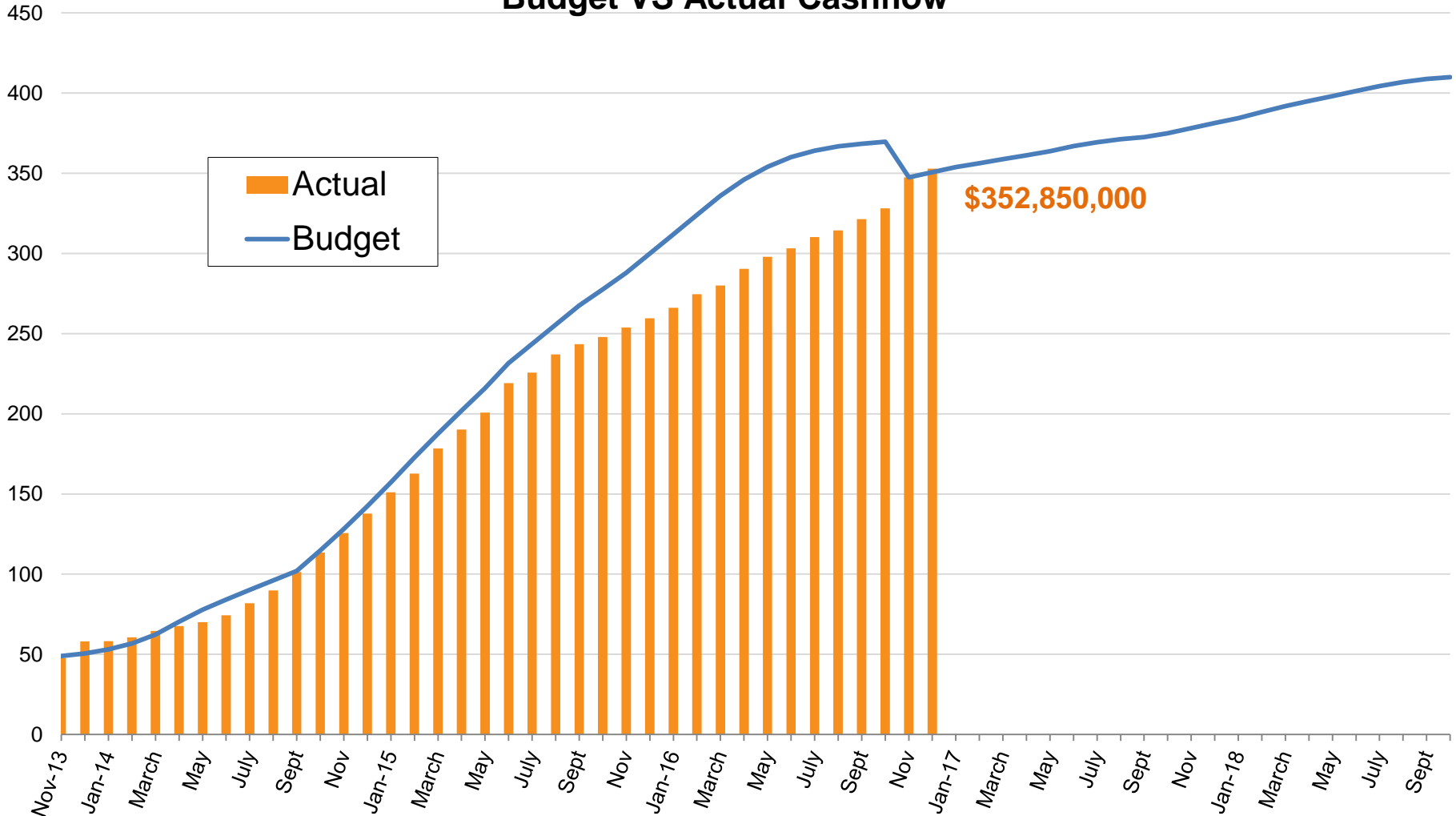


MANAGING BUDGET

BUDGET STATUS – SEAWALL



Budget VS Actual Cashflow

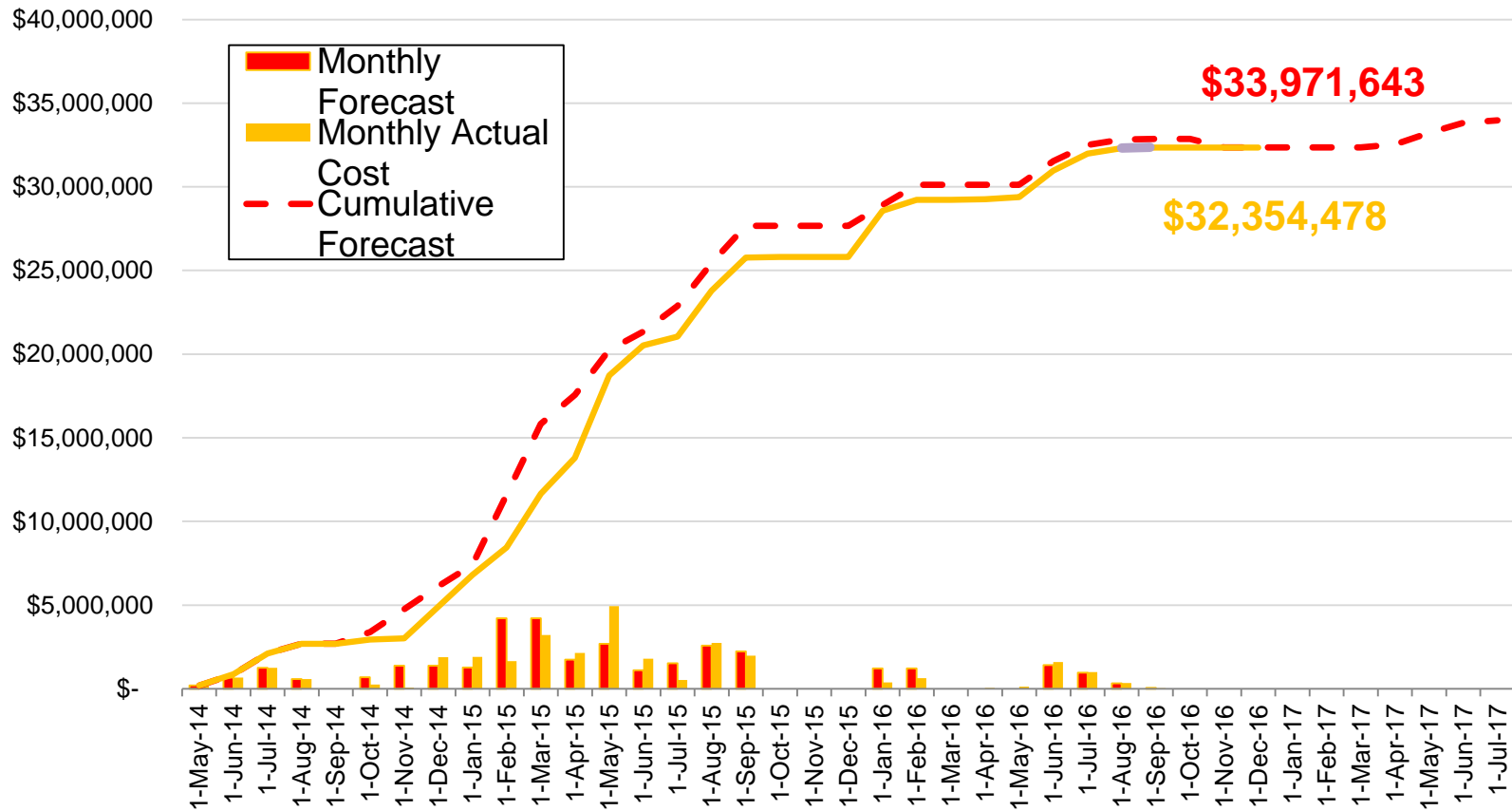


Disputed costs not reflected in totals

BUDGET STATUS – JET GROUT



Jet Grout Spoils Management Boxes 1 - 10 Projected VS. Actual December 2016

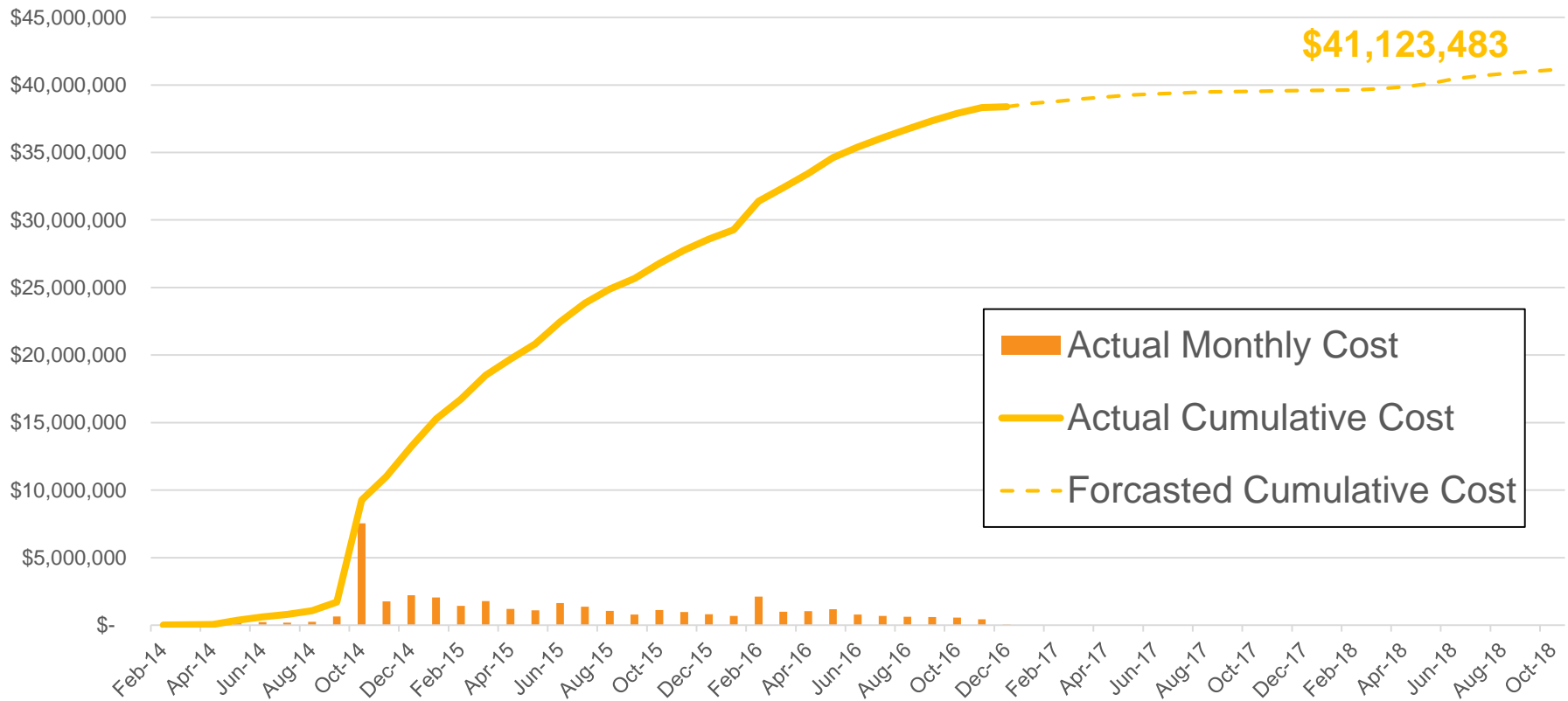


Does not reflect disputed costs.

BUDGET STATUS – WATER MANAGEMENT



Water Management Costs Boxes 1-10 Forecasted vs. Actual Through December 2016

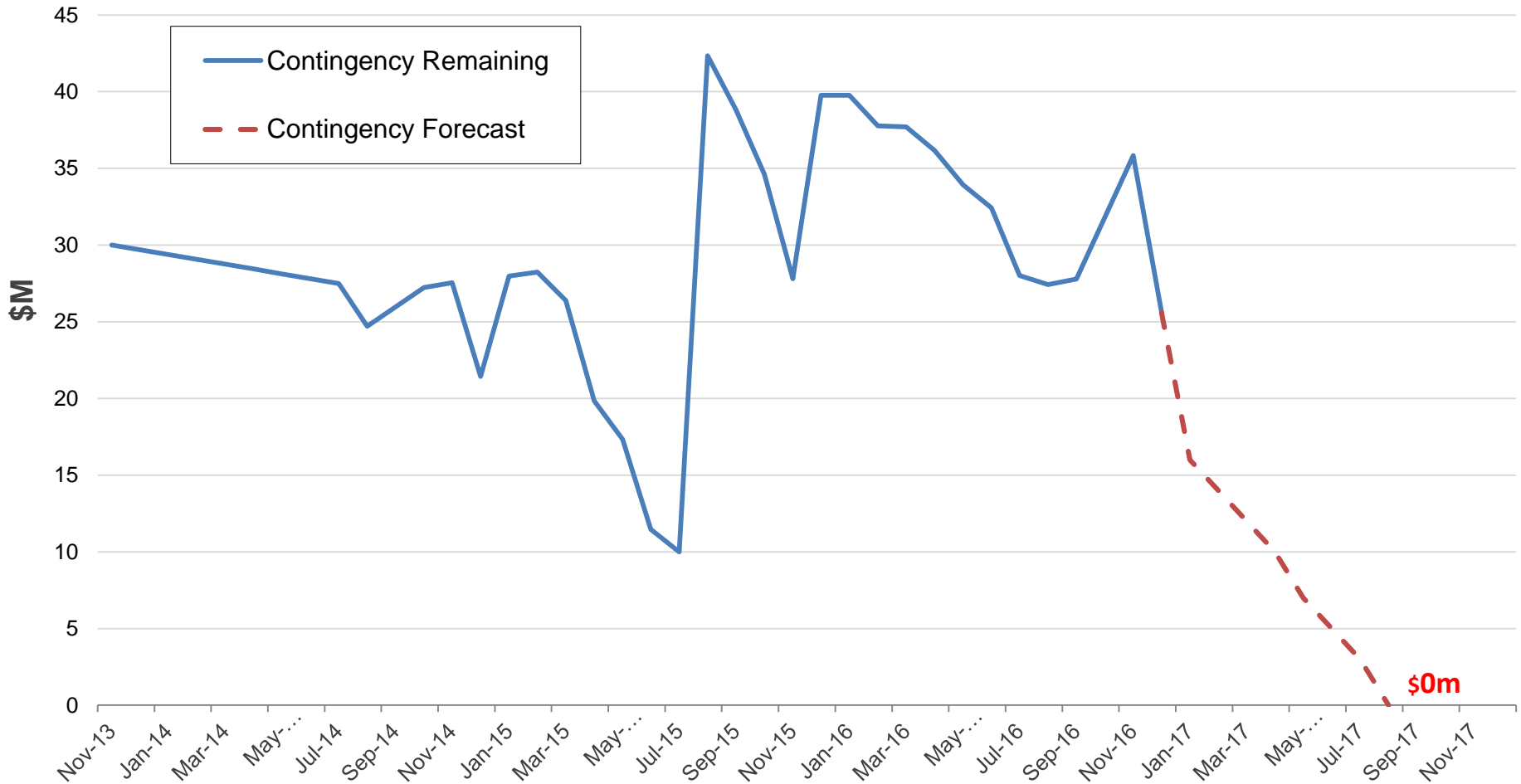


Does not reflect disputed costs.

BUDGET STATUS – CONTINGENCY REMAINING



Contingency Remaining through December 2016



MANAGING RISK

PROJECT RISKS – OVERALL PROJECT



Category	Likelihood	Cost Rating	Schedule Rating
Construction			
Jet Grout			
Utility			
Obstructions			
New discoveries/contaminated materials			
Protection of private property/utilities/structures			
Structures			

Legend			
Very Low/Low		Med	
High		Very High	

PROJECT RISKS – OVERALL PROJECT



Category	Likelihood	Cost Rating	Schedule Rating
Environmental			
Permitting			
Compliance			
External Stakeholder Coordination			
Private properties			
Agency coordination / other projects			

Legend			
Very Low/Low		Med	
High		Very High	

CONSTRUCTION UPDATE

BY THE NUMBERS

- **42** months of construction = **182.5** weeks or **1,277.5** work days
- **1,167,355** total man hours (1,013,296 craft hours)
- **2,497** contractor submittals to date
- **Community Workforce Agreement + Workforce Diversity**
 - **7.1%** women performing **12.2%** of work hours (12% goal)
 - **25.3%** people of color (21% goal)
 - **21.3%** distressed zip codes (15% goal)
 - **12.4%** apprentices performing **15.6%** of work hours (15% goal)
 - **37.1%** of all apprentices are people of color (21% goal)
 - **22.7%** of all apprentices are women (12% goal)
 - **12.5%** of all apprentices are preferred entry (20% goal)

MADISON STREET TO YESLER WAY



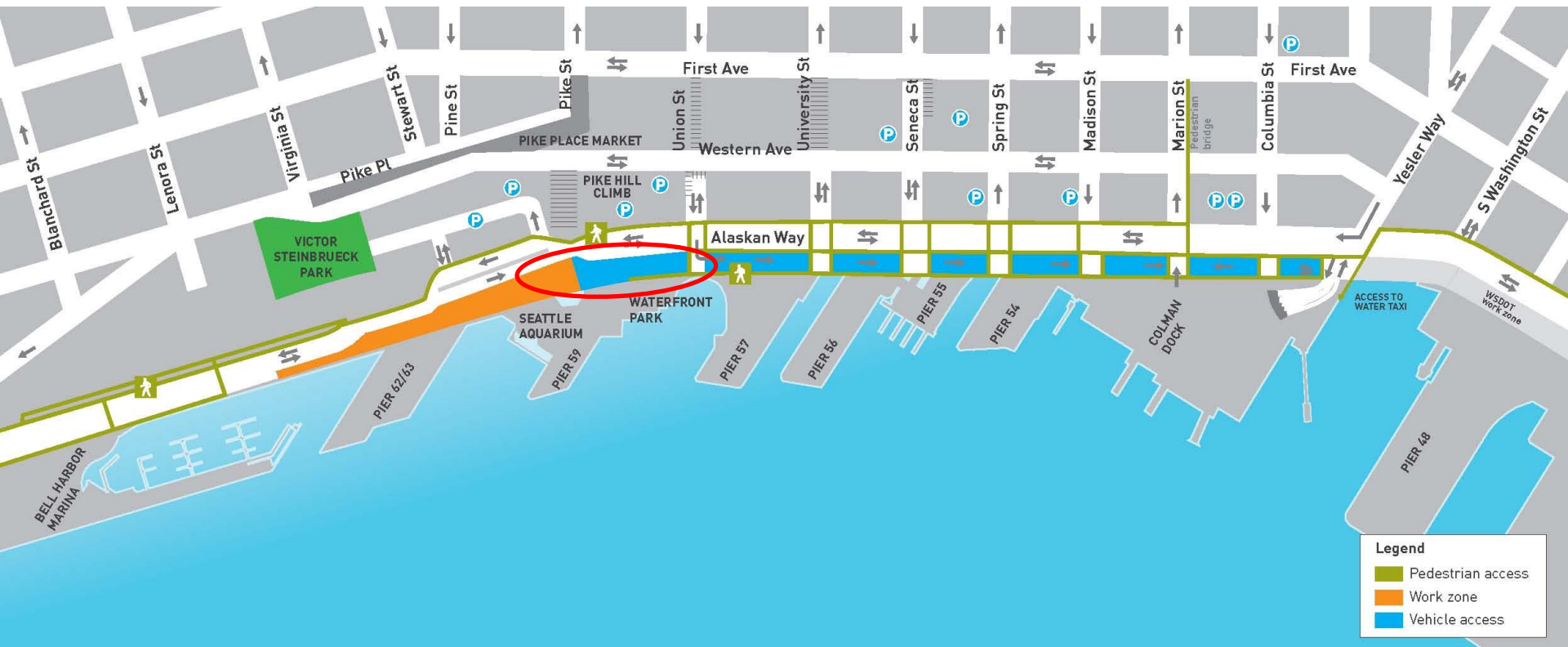
RESTORED STREET PARKING BETWEEN MADISON AND MARION STREETS



RESTORED STREET PARKING AT COLMAN DOCK



PINE TO UNION STREETS



AREA IN FRONT OF SEATTLE AQUARIUM IS NOW OPEN TO PUBLIC!



PIKE STREET CROSSWALK HAS BEEN RESTORED



LANDSCAPING AND FINAL RESTORATION



SEAWALL AND AQUARIUM STAFF



VIRGINIA TO PINE STREETS



- Legend**
- Green line: Pedestrian access
 - Orange line: Work zone
 - Blue line: Vehicle access

EARLIER THIS YEAR SHEET PILE INSTALLATION



EARLIER THIS YEAR ROADWAY REMOVAL



EARLIER THIS YEAR JET GROUT PREP



JET GROUT INSTALLATION



NEXT STEPS

- Major construction from Virginia to Pine streets (Box 1) anticipated to be complete fall 2017
- Ongoing stakeholder coordination and outreach
- Continue coordination with WSDOT for intertidal habitat area





QUESTIONS?

Email: seawall@waterfrontseattle.org

Website: waterfrontseattle.org/seawall

Construction hotline: 206-618-8584