

# CONSTRUCTION PROGRESS REPORT

## MARCH 2017



West Approach Bridge North (WABN): Conduit under span 27



Floating Bridge and Landings (FB&L): Final ballast survey

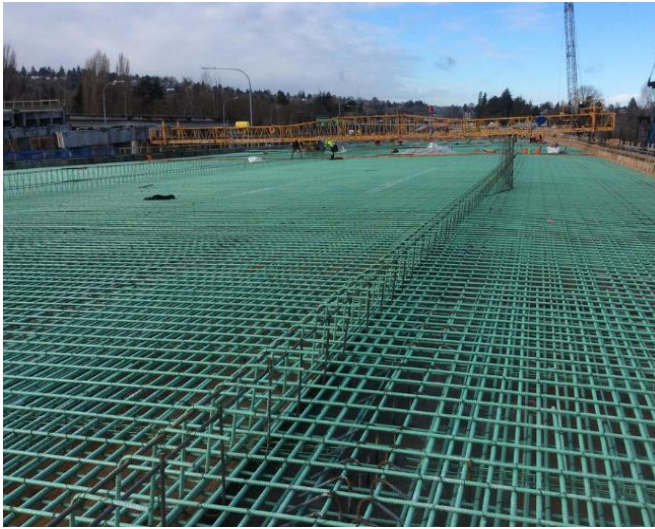


FB&L: Bark placement along north slope in Medina



WABN: Span 5 concrete pour

DATE PUBLISHED: May 30, 2017



WABN: Span 6 deck rebar placement



FB&L: Concrete placement for privacy wall, stem wall panels

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*Note: The State Route 520 Construction Progress Report is no longer publishing monthly updates for the Pontoon Construction Project and the Eastside Transit and HOV Project as major construction work on those two projects has ended. Please see the April 2015 Construction Progress Report for the final updates on those two projects.*



## EXECUTIVE SUMMARY

### Program Overview

The SR 520 Bridge Replacement and HOV Program will improve safety and reliability throughout the SR 520 corridor, from I-5 in Seattle to the Eastside. Projects already completed include the new six-lane SR 520 floating bridge; the new six-lane Eastside corridor that includes culverts, improved transit facilities and lids; and pontoon construction in Aberdeen. The new west approach bridge for westbound traffic is under construction. Future work includes replacing the Portage Bay Bridge, building a new west approach bridge for eastbound traffic, building lids in Seattle, and connecting a bicycle/pedestrian path from the floating bridge to local and regional trails in Seattle.



FB&L: Grading at bridge maintenance facility parking lot



Map of SR 520 Bridge Replacement and HOV Program

### Currently Funded Program

We are currently funded to move forward with:

- Constructing a new, safer floating bridge (now open to traffic).
- Building the north half of a new west approach bridge, and connecting six lanes of traffic and the regional shared-use path from the Montlake interchange to the new floating bridge.
- Continuing to design the remaining elements of the west side of the corridor in Seattle, and then proceeding with construction.

## Program Status

### Floating Bridge and Landings (FB&L):

At the East Approach, crews excavated and graded for the viewpoint trail and public overlook located south of the bridge maintenance facility. On Lake Washington, crews performed pontoon hull inspections, anchor cable inspections, and completed existing bridge demolition.

### West Approach Bridge North (WABN):

In March, the contractor continued demolition of the decommissioned ramps, processing debris and removed spans W31, W32 and W38. Superstructure work continued with rebar placement at decks 2 through 3, form placement at span 1, and hanging of fire protection at span 38. The contractor placed concrete for 5 bridge decks and 4 end diaphragms. Mainline trestle removal continued with the removal of span 19.

### Union Bay Natural Area (UBNA):

In March, the contractor delivered and laid out the irrigation system at planter areas, performed trail maintenance work and continued to monitor and maintain environmental best management practices (BMPs).



FB&L: Underdrain installation at wall 2

## Major Risks

Notable major risks that could delay the program or increase costs include:

- Inflation costs for labor, materials and equipment.
- New requirements or contract changes required by local communities, regulatory groups or agencies.
- Noise and lighting concerns from the neighboring communities

## Upcoming Milestones

### Floating Bridge and Landings:

At the East Approach, crews will remove existing asphalt pavement, regrade, and pave the driveway and emergency access road at the Evergreen Point Road park and ride lot. On Lake Washington, crews will complete low-rise column grout and elastomeric pad replacements, perform anchor gallery hardware painting at pontoon A and continue performing miscellaneous punch-list work. Bridge and electrical construction work will also continue.

### WABN:

Landside work will continue with the placement of backfill at wall 10. Demolition of old, closed westbound off-ramp to Lake Washington Boulevard will continue with the demolition of spans W33 through W34. Work on the superstructure will continue with placement of deck concrete at spans 1 and 2. Fire protection will be hung at spans 15 through 38. Crews will continue the removal of the mainline trestle at spans 17 through 18.

### UBNA:

Next month, the contractor will continue to monitor and maintain environmental BMPs, import and place topsoil and wood chip mulch, complete placement of herbivore fencing, continue installation of the irrigation system and perform trail maintenance work as needed.

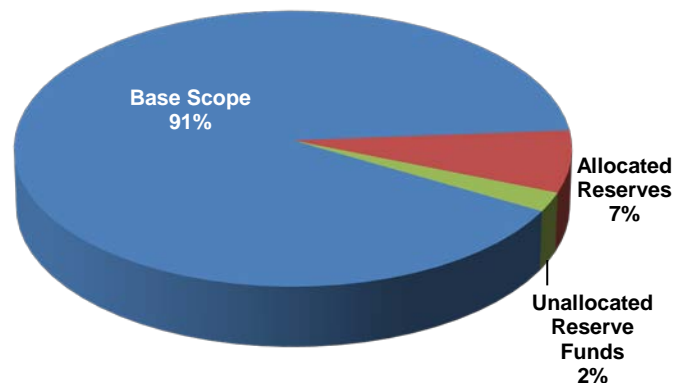
## TOTAL PROGRAM

### Funding Sources and Expenditures

	Total Budget	Actuals to Date	Remaining
<b>SR520 Program Totals</b>	<b>\$4,562,585,870</b>	<b>\$2,577,977,042</b>	<b>\$1,984,608,828</b>
<b>Federal</b>	<b>\$498,138,079</b>	<b>\$489,181,779</b>	<b>\$8,956,300</b>
FEDERAL GRANT FUNDS	\$3,000,000	\$3,000,000	\$0
FEDERAL FORMULA FUNDS	\$176,129,279	\$167,458,681	\$8,670,599
NATIONAL HIGHWAY PERFORMANCE PROGRAM	\$3,826,917	\$3,541,215	\$285,702
HIGHWAY SAFETY IMPROVEMENT	\$14,015,000	\$14,015,000	\$0
OUTDOOR ADVERTISING-INTERSTATE	\$855,000	\$855,000	\$0
GRANT - INNOVATIVE STORMWATER TREATMENT	\$311,883	\$311,883	\$0
TIFIA (USDOT - TIFIA LOAN)	\$300,000,000	\$300,000,000	\$0
<b>Local</b>	<b>\$2,809,300</b>	<b>\$2,577,484</b>	<b>\$231,815</b>
LOCAL CONTRIBUTIONS	\$2,809,300	\$2,577,484	\$231,815
<b>State</b>	<b>\$3,902,238,491</b>	<b>\$2,086,217,779</b>	<b>\$1,816,020,713</b>
TRANSPORTATION PARTNERSHIP ACCOUNT (TPA)	\$536,246,327	\$410,863,473	\$125,382,854
NICKEL ACCOUNT STATE DOLLARS	\$52,243,840	\$52,244,156	(\$316)
CONNECTING WASHINGTON	\$1,642,500,000	\$6,041,337	\$1,636,458,664
SR520 CORRIDOR	\$659,946,000	\$620,516,876	\$39,429,124
SR520 GARVEE BONDS	\$924,612,501	\$924,612,501	\$0
TOLL REVENUE	\$70,116,330	\$55,978,697	\$14,137,633
SR 520 CIVIL PENALTIES ACCOUNT	\$14,000,001	\$13,387,247	\$612,754
STATE FUNDS	\$2,573,492	\$2,573,492	\$0
<b>Deferred Sales Tax</b>	<b>\$159,400,000</b>	<b>\$0</b>	<b>\$159,400,000</b>
DEFERRED SALES TAX	\$159,400,000	\$0	\$159,400,000

### Risk Reserve Status

Cumulative Reserve	\$434,100,000
Current Period Change Orders	(\$3,419,962)
Previous Change Orders	(\$327,517,147)
Right of Way Settlements	(\$3,777,010)
Other Reserve Uses	(\$7,250,000)
<b>Current Reserve</b>	<b>\$92,135,881</b>



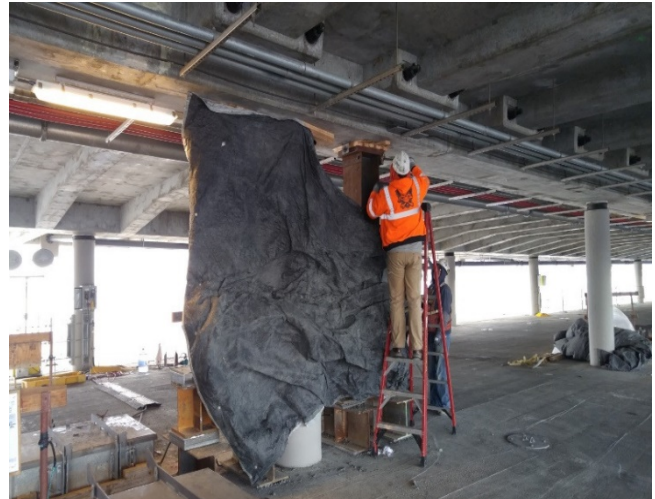


## FLOATING BRIDGE AND LANDINGS PROJECT

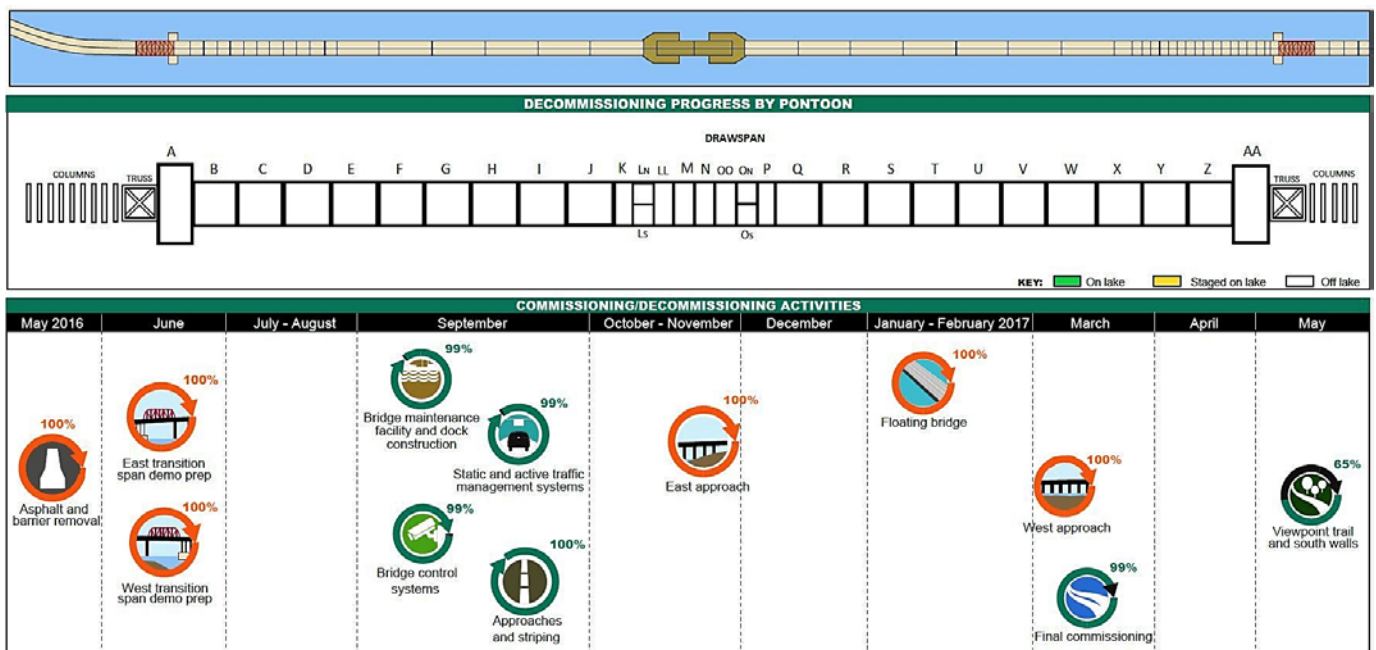
### Construction Overview

The SR 520 Floating Bridge and Landings (FB&L) Project replaced the old, vulnerable four-lane structure with a new, six-lane bridge that can withstand windstorms of up to 89 miles per hour. The new six-lane bridge includes a bicycle/pedestrian path and has a bridge maintenance facility on the east end. The project included construction of 44 supplemental stability pontoons in Tacoma.

Original Engineers Estimate	\$640,769,000
Prime Bid Amount	\$586,561,000
Change Orders to Date	\$178,750,414
<b>Current Contract Value</b>	<b>\$765,311,414</b>



FB&L: Low-rise column grout pad replacement



Decommissioning of the old floating bridge, as of March 31, 2017

### March Accomplishments

In March, the contractor completed anchor cable replacement work, completed underwater deconstruction of the west approach pier 40, continued final ballast survey and adjustments, and continued low-rise column grout pad repairs.

## March Costs

Preliminary engineering is complete. The total actual cost to date from the contractor is 99 percent of the budget.

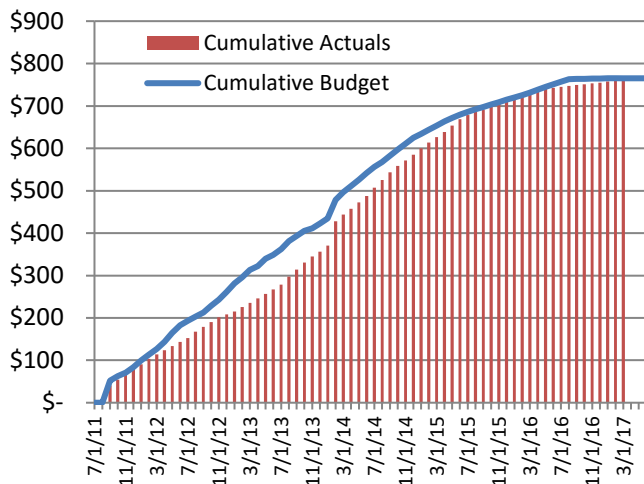
	Current Budget	Actuals to Date	Remaining
<b>Floating Bridge &amp; Landings Project Totals</b>	<b>\$848,309,254</b>	<b>\$841,998,356</b>	<b>\$6,310,898</b>
<b>Preliminary Engineering</b>	<b>\$10,659,065</b>	<b>\$10,659,065</b>	<b>\$0</b>
<b>Right of Way</b>	<b>\$3,991,633</b>	<b>\$3,961,633</b>	<b>\$30,000</b>
<b>Construction</b>	<b>\$833,658,556</b>	<b>\$827,377,658</b>	<b>\$6,280,898</b>
Current Contract Value	\$765,311,414	\$761,713,870	\$3,597,544
Agreements	\$37,436,260	\$37,000,954	\$435,306
Construction Engineering	\$24,110,882	\$21,954,232	\$2,156,650
State Force Work	\$50,000	\$3,745	\$46,255
Vendor Supplied Materials	\$6,750,000	\$6,704,857	\$45,143

Cost information through Mar. 31, 2017

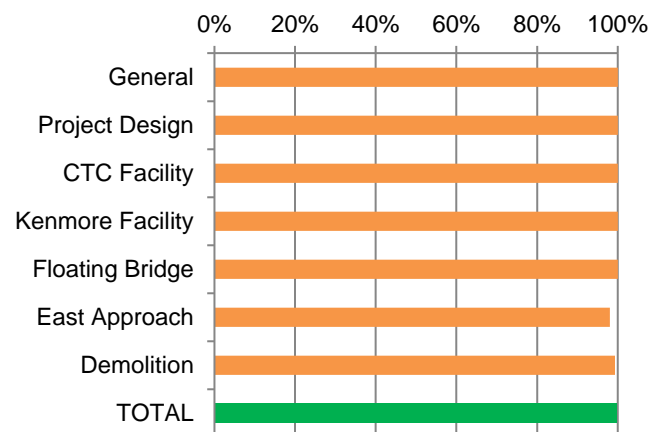
## March Change Order Summary

There were three change orders executed in March for \$16,500. Change orders total \$178,750,414 for the FB&L project at the time of this report.

## March Performance



## FB&L Completion by Area



FB&L: Monthly actuals are trending down as the project nears physical completion.

## Schedule Summary

Milestone	Current Contract Dates	Actual/Trend
Notice to Proceed 1 - Design Initiated	9/1/2011	9/1/2011
Notice to Proceed 2 - Site Construction Start	9/1/2011	9/1/2011
Pier 36 Construction	11/15/2013	11/14/2013
Substantial Completion	4/28/2016	4/25/2016
Physical Completion	6/19/2017	On Time

## Risks

Noncompliance with environmental permits and regulations may cause work stoppage or fines. Permits are tied to all projects working on the lake. Other project violations could impact permits on this project.

Some residents of neighboring communities have raised concerns with noise from the expansion joints on the new SR 520 floating bridge and lighting along the bridge's regional shared-use path. WSDOT is evaluating the noise and light levels and reporting back to the neighboring communities. Additional mitigation measures may be requested.

## March Quality Summary

**"Audits – Actual"** are audits performed by WSDOT Quality Verification staff on the design-builder's compliance with contract requirements.

**"Nonconformance Reports"** are incidents recorded by the design-builder's quality inspection staffs that do not appear to be constructed in accordance with the approved drawings and specifications.

	Previous Total	Current Period	Project Total	Open	Closed
Audits - Actual	3977	5	3982	0	3982

	Previous Total	Open	Current Period	Avg. Time Open
Nonconformance Reports (NCR)	410	14	4	202 days
Nonconformance Issues (NCI)	961	0	0	0 days

## March Safety Summary

**"Recordable Incidents"** are job-related safety incidents that have been recorded.

**"Lost Time Incidents"** are job-related safety incidents that result in personnel not being able to work.

**"Contract Days without an Incident"** are the number of days since a lost-time incident has occurred.

**"Near Misses"** are WSDOT reported job-related safety near-miss incidents that have occurred.

	Previous Total	Current Period	Project Total
Recordable Incidents	48	0	48
Lost Time Incidents	6	0	6
Near Misses <i>WSDOT reported only</i>	0	0	0
Contract Days without an Incident	120	28	148

There were no recordable incidents reported during the month of March.

## March Environmental Summary

**"Noncompliance Event (ECAP)"** is an action not in compliance with environmental standards, permits or laws.

**"Minor Environmental Event"** is an environmental impact that does not meet the requirements to become an ECAP.

	Previous Total	Current Period	Total
Noncompliance Event (ECAP)	89	1	90
Minor Environmental Event	71	0	71

During the week of 3/15/2017, a Noncompliance Event occurred. During a heavy rain event, a plume of turbid water was observed in Lake Washington. KGM determined that the plume was due to construction stormwater flowing under the silt fence and into the lake. Turbidity measured 849 NTUs. KGM notified the state Dept. of Ecology of the discharge in accordance with the requirement to report turbidity measurements of 249 NTUs or greater.



## WEST APPROACH BRIDGE NORTH PROJECT

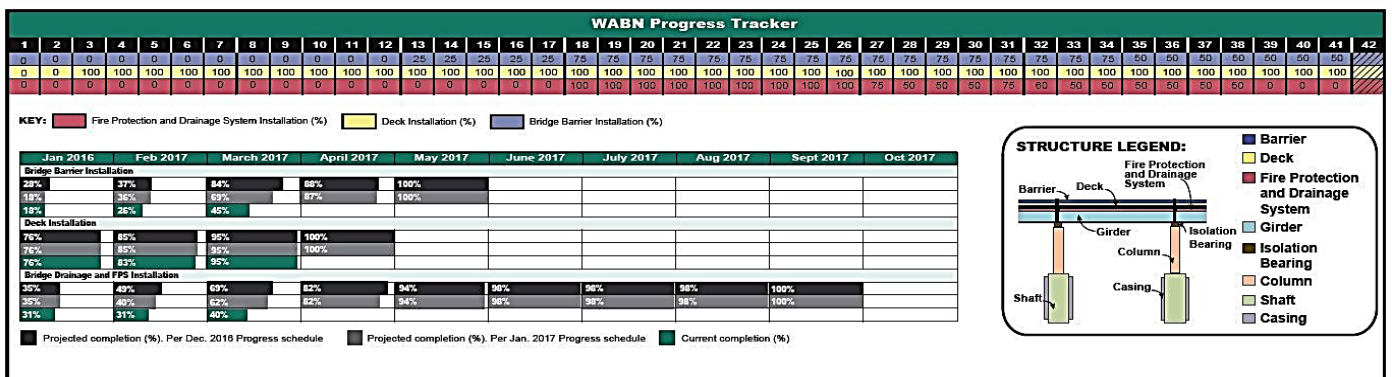
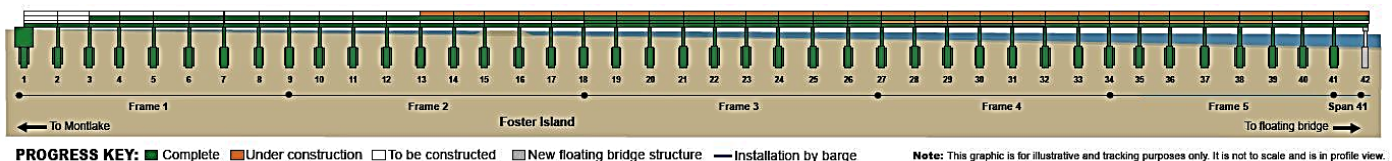
### Construction Overview

The West Approach Bridge North Project (WABN), the first stage of western landings for the new SR 520 floating bridge, continues WSDOT's commitment to replace vulnerable structures and improve mobility for motorists. The new approach bridge, more than 6,000 feet long, will support a six-lane highway corridor and a regional shared-use path for bicyclists and pedestrians between the new floating bridge and Montlake. The WABN project will also greatly benefit the local built and natural environment by improving stormwater treatment, employing noise-reduction measures, mitigating for wetland and aquatic impacts, and improving the Arboretum and local parks.



WABN: Removal of falsework at pier 18

Original Engineers Estimate	\$209,905,587
Prime Bid Amount	\$199,537,371
Change Orders to Date	\$10,046,073
<b>Current Contract Value</b>	<b>\$209,583,443</b>



#### BY THE NUMBERS:

- ✓ 99 of 99 casings complete as of 5/10/16
- ✓ 99 of 99 shafts complete as of 8/12/16
- ✓ 95 of 95 columns complete as of 9/16/16
- 43 of 47 diaphragms complete
- ✓ 108 of 108 bearings complete as of 1/14/17
- ✓ 353 of 353 girders complete as of 1/5/17
- 9 of 39 spans of bridge drainage and fire protection system complete
- 39 of 41 sections of bridge deck complete
- 0 of 41 spans of bridge barrier complete

West Approach Bridge North progress tracker as of March 31, 2017

### March Accomplishments

In March, the contractor placed concrete at five deck spans and four end diaphragms in frame 1. Crews also continued removal of mainline trestle and processing demolition debris.

## March Costs

The preliminary engineering is complete, and final right-of-way costs are being recorded. There have been 33 payments made to the contractor through February 2017.

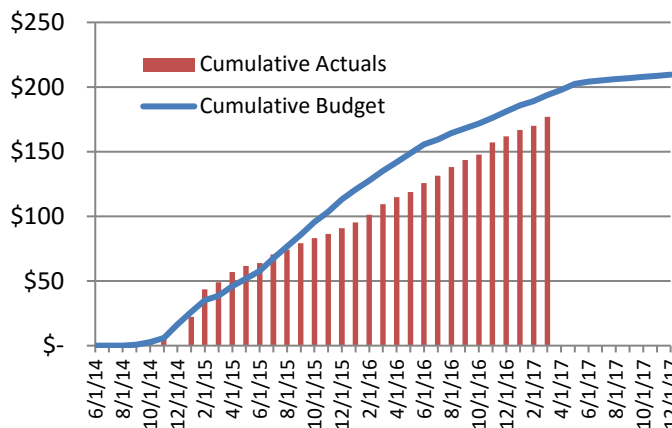
	Current Budget	Actuals to Date	Remaining
<b>West Approach Bridge North Project Totals</b>	<b>\$260,882,488</b>	<b>\$222,377,718</b>	<b>\$38,504,770</b>
<b>Preliminary Engineering</b>	<b>\$20,324,763</b>	<b>\$20,324,763</b>	<b>\$0</b>
<b>Right of Way</b>	<b>\$4,274,281</b>	<b>\$4,262,443</b>	<b>\$11,838</b>
<b>Construction</b>	<b>\$236,283,443</b>	<b>\$197,790,512</b>	<b>\$38,492,931</b>
Current Contract Value	\$209,583,443	\$176,840,092	\$32,743,351
Agreements	\$11,972,000	\$9,803,668	\$2,168,332
Construction Engineering	\$14,728,000	\$10,912,876	\$3,815,124
State Force Work	\$0	\$10,301	\$0
Vendor Supplied Materials	\$0	\$223,575	\$0

Cost information through March 31, 2016

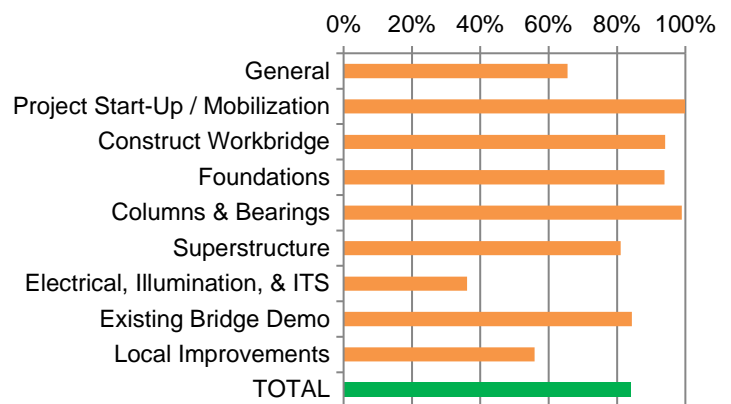
## March Change Order Summary

Four change orders were executed in March for \$3,401,555. Change orders total \$10,046,073 for the WABN project at the time of this report.

## March Performance



## WABN Completion by Area



## Summary Schedule

Milestone	Contract Date	Actual/Trend
First Charged Working Day	9/11/2014	9/11/2014
Begin Access East of Pier 33	9/1/2015	9/1/2015
Begin Access to Floating Bridge	9/1/2016	9/1/2016
Bridge Open to Traffic	8/28/2017	On time
End of Working Days	11/29/2017	On time

Milestone dates for Bridge Open to Traffic and End of Working Days were updated per amended contract.

## Risks

- Environmental noncompliance events.
- Resolution of geotechnical issues.
- Coordination of multiple phases of bridge construction along the work trestle.

## March Safety Summary

“**Recordable Incidents**” are job-related safety incidents that have been recorded.

“**Lost Time Incidents**” are job-related safety incidents that result in personnel not being able to work.

“**Contract Days without an Incident**” are the number of days since a lost-time incident has occurred.

“**Near Misses**” are WSDOT reported job-related safety near-miss incidents that have occurred.

	Previous Total	Current Period	Project Total
Work-related injuries requiring first aid only	19	1	20
Work-related injuries resulting in transfers or restrictions	8	0	8
Work-related injuries resulting in days away from work	0	0	0
Near Misses <u>WSDOT reported only</u>	6	0	6

During the week of 3/31/2017, a work-related injury requiring first aid occurred. A Flatiron employee poked a nail into his hand.

## March Environmental Summary

“**Noncompliance Event (ECAP)**” is an action not in compliance with environmental standards, permits or laws.

“**Minor Environmental Event**” is an environmental impact that does not meet the requirements to become an ECAP.

	Previous Total	Current Period	Project Total
Noncompliance Event (ECAP)	107	4	111
Minor Environmental Event	0	0	0

During the week of 3/17/2017, after a concrete pour at span 6, the contractor observed the release of concrete slurry into lake Washington. The appropriate agencies were notified and corrective action was taken.

During the week of 3/24/2017, a work truck being used by Flatiron was damaged by quarry spalls, causing an engine oil leak. The leak was detected and contained. Oil spilled onto the trestle deck and, due to heavy rain, the oil also reached the lake below. The appropriate agencies were notified and corrective action was taken.

During the week of 3/28/2017, prior to a Pier 7 upper diaphragm pour from the temporary work trestle, a concrete pump truck was pumping concrete to a material tester’s wheelbarrow for QC purposes. The pump was not equipped with an air collar, resulting in overloading the wheelbarrow. The material tester attempted to move the overloaded wheelbarrow and spilled concrete on the temporary work trestle. A small amount of concrete may have seeped between crane mats and entered Lake Washington. The appropriate agencies were notified and corrective action was taken.

During the week of 3/28/2017, WSDOT inspectors observed that concrete dust generated by the demolition of the 520/6N-N bridge was not being adequately controlled. This work included removal of a bridge deck and girders. With two separate demolition operations occurring at the same time, water was applied to the girder removal but not the deck demolition. Large debris from the deck demolition was captured by barges below but as the debris was falling, uncontrolled dust was drifting to the north. The appropriate agencies were notified and the contractor committed to additional equipment and staff to control dust generated by the demolition process.



## UNION BAY NATURAL AREA MITIGATION PROJECT

### Construction Overview

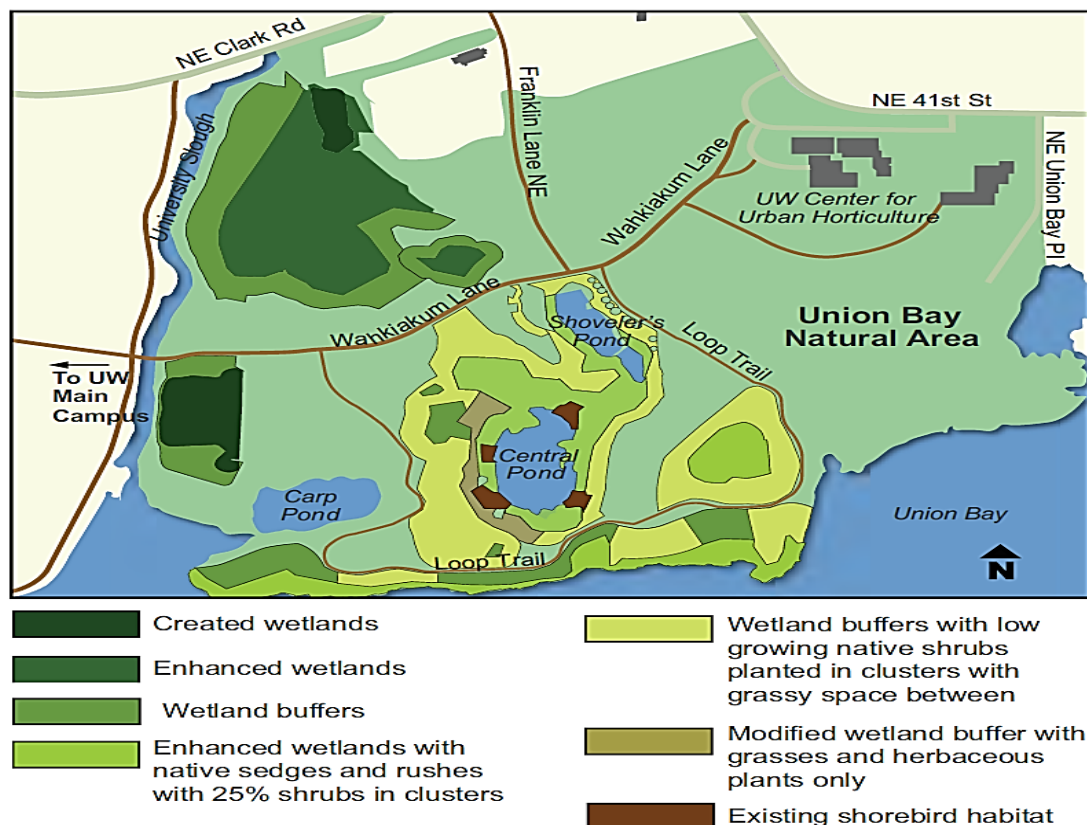
The 25-acre Union Bay Natural Area (UBNA) wetland mitigation project serves as compensation for wetland impacts from the SR 520 West Approach Bridge North project within the SR520 Bridge Replacement and HOV Program. The wetland mitigation project's construction work includes grading, site preparation, roadway excavation, wetland excavation, clearing/grubbing, dewatering, selective pruning, drainage, contamination disposal, placement of top soil, soil amendment, planting, irrigation, plant establishment, habitat features and surveying.



UBNA: Hydrology berm planting

Original Engineers Estimate	\$5,141,551
Prime Bid Amount	\$4,377,478
Change Orders to Date	\$240,566
<b>Current Contract Value</b>	<b>\$4,618,044</b>

### Conceptual design for the UBNA mitigation site



## SR 520 BRIDGE REPLACEMENT AND HOV PROGRAM

### March Accomplishments

In March, the contractor continued to monitor and maintain environmental BMPs, and performed trail maintenance work as needed. Crews also delivered, laid out and installed the irrigation system at planter areas and trail crossings. They planted emergent plants at infill and shoreline planting areas, performed sawcutting and asphalt removal in vicinity of Clark and Douglas roads, and placed concrete for extruded curb in the vicinity of Clark Road.

### March Costs

There have been 11 payments made to the contractor through March 2017.

	Current Budget	Actuals to Date	Remaining
<b>Union Bay Natural Area Mitigation Project Totals</b>	<b>\$6,162,115</b>	<b>\$4,539,019</b>	<b>\$1,623,096</b>
<b>Construction</b>	<b>\$6,162,115</b>	<b>\$4,539,019</b>	<b>\$1,623,096</b>
Current Contract Value*	\$5,059,296	\$4,181,025	\$878,271
Agreements	\$316,628	\$78,356	\$238,272
Construction Engineering	\$786,191	\$257,661	\$528,530
State Force Work	\$0	\$0	\$0
Vendor Supplied Materials	\$0	\$21,977	\$0

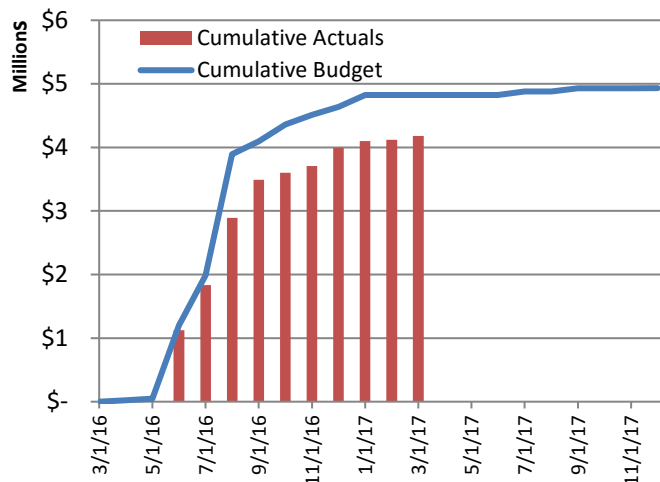
Cost information through March 31, 2017

\*includes retail sales tax

### March Change Order Summary

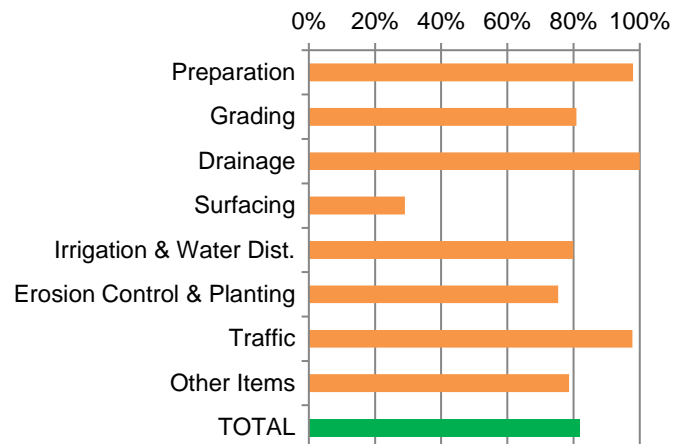
There was one change order executed during the month of March for \$1,907. Change orders total \$240,566 for the UBNA project at the time of this report.

### March Performance



Actual costs are lower than expected expenditure through March 2017.

### UBNA Completion by Area



## Summary Schedule

Milestone	Current Contract Date	Actual/Trend
Contract Execution	4/26/2016	4/26/2016
Substantial Completion	1/30/2017	Late
Start of 1 <sup>st</sup> Year Plant Establishment Period	1/30/2017	Late
Physical Completion	1/30/2018	Late

## Risk

- Trail users entering closed areas
- Resolution of differing site conditions
- Adverse weather delays planting
- Local animals destroy or consume fragile plants



UBNA: Irrigation pipe delivery

## March Safety Summary

“**Recordable Incidents**” are job-related safety incidents that have been recorded.

“**Lost Time Incidents**” are job-related safety incidents that result in personnel not being able to work.

“**Contract Days without an Incident**” are the number of days since a lost-time incident has occurred.

“**Near Misses**” are WSDOT reported job-related safety near-miss incidents that have occurred.

	Previous Total	Current Period	Project Total
Recordable Incidents	0	0	0
Lost Time Incidents	0	0	0
Near Misses <i>WSDOT reported only</i>	0	0	0
Contract Days without Incident	194	18	212

There were no safety incidents during the month of March.

## March Environmental Summary

“**Noncompliance Event (ECAP)**” is an action not in compliance with environmental standards, permits or laws.

“**Minor Environmental Event**” is an environmental impact that does not meet the requirements to become an ECAP.

	Previous Total	Current Period	Project Total
Noncompliance Event (ECAP)	4	0	4
Minor Environmental Event	1	0	1

There were no environmental events during the month of March.



## DBE / APPRENTICESHIP / TRAINING

### Disadvantage Business Enterprise (DBE) Program

Shaded projects are physically complete. Data below is provided to WSDOT by the project contractors.

CONSTRUCTION										
Project	Disadvantage Business Enterprise (DBE) <sup>1</sup>					Apprentice		Training Hours		
	Percentage		Companies		Date Updated	Hours % (15% Goal)	Date Updated	Goal	Achieved	Date Updated
	Goal	Current	# <sup>2</sup>	\$						
Pontoon Construction	6%	6.05%	20	\$27,182,102	12/1/2015	17.7%	9/1/2015	50,000	94,415	7/1/2015
Eastside Transit and HOV	11%	13.45%	36	\$48,900,472	6/1/2015	13.7%	8/15/2016	58,500	38,655 *	6/1/2015
West Connection Bridge	3%	3.83%	5	\$848,460	11/1/2014	18.8%	10/1/2014	1,200	1,200	10/1/2014
Floating Bridge and Landings	7%	7.45%	47	\$57,000,871	3/31/2017	21.5%	3/31/2017	74,600	113,931	12/31/2016
West Approach Bridge North	12%	10.81%	18	\$21,570,786	3/25/2017	20.3%	1/28/2017	15,000	22,370	12/31/2016
DBE Subtotal			78	\$155,502,692						
Project	(M)inority, (S)mall, (V)eteran, (W)oman Business Enterprise (MSVWBE) <sup>3</sup>					Apprentice Hours % (15% Goal)		Training Hours		
Union Bay Natural Area <sup>4</sup>	TYPE	M	10%	0.00%	0	\$0	4/5/2017	11.4%	2/28/2017	NOT REQUIRED
		S	5%	0.53%	2	\$23,400	4/5/2017			
		V	5%	0.00%	0	\$0	4/5/2017			
		W	6%	28.28%	2	\$1,237,891	4/5/2017			
MSVWBE Subtotal			4	\$1,261,291 ^						
CONSTRUCTION TOTAL			81	\$156,763,983						
ARCHITECTURAL AND ENGINEERING (A&E)										
Project	DBE <sup>1</sup>					Duration				
	Percentage		Companies		Date Updated					
	Goal	Current	# <sup>2</sup>	\$						
Corridor Dev.	N/A	8.05%	2	\$15,112,456	6/30/2014	Feb. 2009 – June 2014 (N/A – No Goal)				
SR 520 Program	9%	16.12%	8	\$8,341,036	4/30/2017	June 2014 – Dec 2016 (9% is a voluntary goal)				
DBE Subtotal			8	\$23,453,492						
Project	MSVWBE <sup>3</sup>					Duration				
SR 520 Program	TYPE	M	10%	4.26%	4	\$365,033	4/30/2017	March 2016 - Present		
		S	5%	26.41%	14	\$2,261,032	4/30/2017			
		V	5%	0.03%	1	\$2,460	4/30/2017			
		W	6%	12.91%	6	\$1,105,356	4/30/2017			
MSVWBE Subtotal			15	\$2,320,086 ^						
A&E TOTAL			18	\$25,773,578						
SR 520 PROGRAM TOTAL			99	\$182,537,561						

<sup>1</sup> Federally funded projects have DBE goals. Calculations and level of detail are consistent with OEO guidance.

<sup>2</sup> Individual companies work on multiple projects and to eliminate duplication of reporting DBE / MSVWBE the totals only report the total number of companies in the Program.

\* Total Hours reported 38,655. However, 11,657 hours are excess laborer hours that can't be counted toward the goal.

<sup>3</sup> State funded projects have MSVWBE goals. Calculations and level of detail are consistent with WSDOT HQ Construction Office regarding MSVWBE reporting.

<sup>4</sup> Currently under review.

^ Individual companies work on multiple types (M, S, V, W) and to eliminate duplication of reporting MSVWBE the subtotals only report the total cost to the Program.

## CONSTRUCTION JOBS

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### Construction Update – March 2017

Project	Total Jobs
*Eastside Transit and HOV Project:	0
*Pontoon Construction Project:	0
Floating Bridge and Landings Project:	151
West Approach Bridge North:	204

\*Project has achieved physical completion.

Jobs information includes current skilled construction trade counts for carpenters, concrete workers, crane operators, electricians, iron workers, laborers, machine operators, painters, truck drivers and welders based on project information provided by WSDOT contractors for March. 31, 2017.

## COMMUNICATIONS AND OUTREACH

(Jan. 1-Mar. 31, 2016)

### Constituent Correspondence:

#### Public emails / phone calls

- 449 received
- 280 WSDOT responses
- Prevalent themes:
  - ✓ Plans for the Rest of the West and impacts in Montlake neighborhood
  - ✓ Questions about floating bridge after opening, including lights / noise
  - ✓ Neighborhood impacts of ongoing WABN construction

#### Twitter

- 662,252 impressions (# of times people viewed SR 520 tweets)
- 73 direct responses to public requests for information
- 4,325 Twitter followers

### SR 520 Email Updates

- Sent 5 Program updates to the 13,000+ subscribers within the SR 520 corridor
- Sent 15 WABN updates to the 1,960+ subscribers within the Seattle corridor
  - ✓ Represents more than 94,000 individual communiques
  - ✓ Newsletter topics cover notable program activities, construction milestones, traffic restrictions, neighborhood impacts, etc.

### Media Outreach

- 9 news releases and media advisories
- 17+ media interviews, briefings, tours

### Photos / Videos

- Shot and posted 33 photos to the SR 520 Flickr collection
- Shot and posted 2 new videos to YouTube



*The West Approach Bridge North as seen on Feb. 13, 2017, after its girders were fully in place all the way to Lake Washington's western shore in Montlake.*

### Stakeholder Briefings/Tours/Presentations

- 4 project-site tours for elected officials and other stakeholders
- 14 briefings with elected officials or community organizations
- 6 community meetings / presentations
- 4 conference presentations

### Communications Materials

- More than 90 new or updated communications products were completed: program folios, fact sheets, presentations, fliers, display boards, graphics (print and Web), direct mail, etc.

### SR 520 Website Visits

- 66,539 page views this period
- Most-visited pages, in descending order, were: home page, WABN, Floating Bridge & Landings, About, I-5 to Lake Washington.

### Awards

- ✓ Floating Bridge and Landings Project won the following awards in Q1 2017:
  - ✓ AGC Build Washington Award
  - ✓ APWA Public Works Project of Year (Washington state)
  - ✓ ACEC Engineering Excellence Award (both state and national)



## GLOSSARY

### Glossary of frequently used project and industry acronyms

ATM	Active Traffic Management
BMP	Best Management Practice
CCMP	Community Construction Management Plan
CIP	Cast-in-Place
D-B	Design-Build
DBIC	Design-Build Initiated Change
DBE	Disadvantaged Business Enterprise
Eastside	Eastside Transit and HOV Project
ECAP	Environmental Compliance Assurance Procedure
ECC	Eastside Corridor Constructors (Eastside Design-Build)
ESA	Endangered Species Act
FB&L	Floating Bridge & Landings
FONSI	Finding of No Significant Impact
GH	Grays Harbor (Pontoon construction site)
HQ	WSDOT Headquarters
ITS	Intelligent Transportation System
K-G	Kiewit General, A Joint Venture (PCP Design-Build)
KGM	Kiewit/General/Manson, A Joint Venture (FB&L Design-Build)
MSVWBE	Minority, Small, Veteran, Women-owned Business Enterprises
NCI	Non-Conformance Incident
NCR	Non-Conformance Report
NEPA	National Environmental Policy Act
NTP	Notice to Proceed
NWR	WSDOT Northwest Region
PCI	Potential Change Issue
PCO	Potential Change Order
PCP	Pontoon Construction Project
PT	Post-Tensioning
QA	Quality Assurance
QC	Quality Control
RFI	Request for Information
RFP	Request for Proposal
ROD	Record of Decision
TCE	Temporary Construction Easement
TIFIA	Transportation Infrastructure Finance and Innovation Act
UBNA	Union Bay Natural Area
WABN	West Approach Bridge North
WCB	West Connection Bridge

**For more information**

Visit: [www.wsdot.wa.gov/projects/ SR520Bridge](http://www.wsdot.wa.gov/projects/SR520Bridge)  
E-mail: [SR520Bridge@wsdot.wa.gov](mailto:SR520Bridge@wsdot.wa.gov)  
Call: 1-888-520-NEWS (6397)  
Mail: Washington State Department of Transportation  
SR 520 Bridge Replacement and HOV Program  
999 3rd Avenue, Suite 2200  
Seattle, WA 98104

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