



STATE ROUTE 520 CONSTRUCTION PROGRESS REPORT NOVEMBER 2013



Aberdeen: Exterior wall on Pontoon D



Lake Washington: Coffer cell launch



FB&L: Traveler system at Pier 2



Eastside: 92nd Avenue transit facility crash-wall forms, facing northeast

DATE PUBLISHED: JAN. 29, 2014





Aberdeen: Pontoon BNW keel slab pour



West Connection Bridge: Crossbeam false work at Pier 33

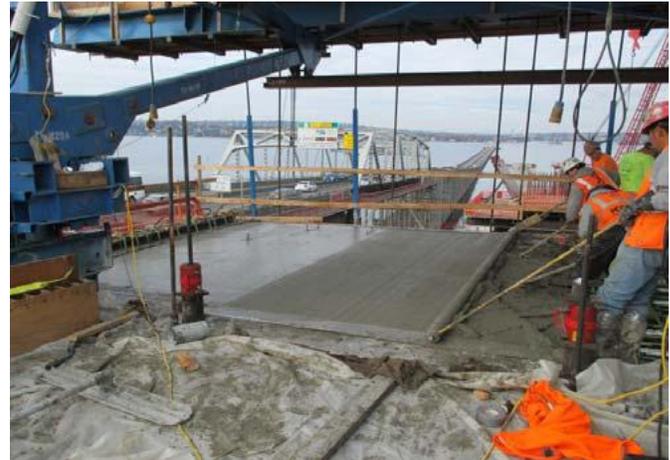
Table of Contents

Executive Summary	3
<u>ACTIVE CONSTRUCTION PROJECT REPORTS</u>	
Pontoon Construction Project (PCP).....	6
Eastside Transit and HOV.....	10
Floating Bridge and Landings (FB&L).....	15
West Connection Bridge (WCB).....	20
Evans Creek Eastside Wetland Mitigation.....	24
Glossary of Terms.....	27

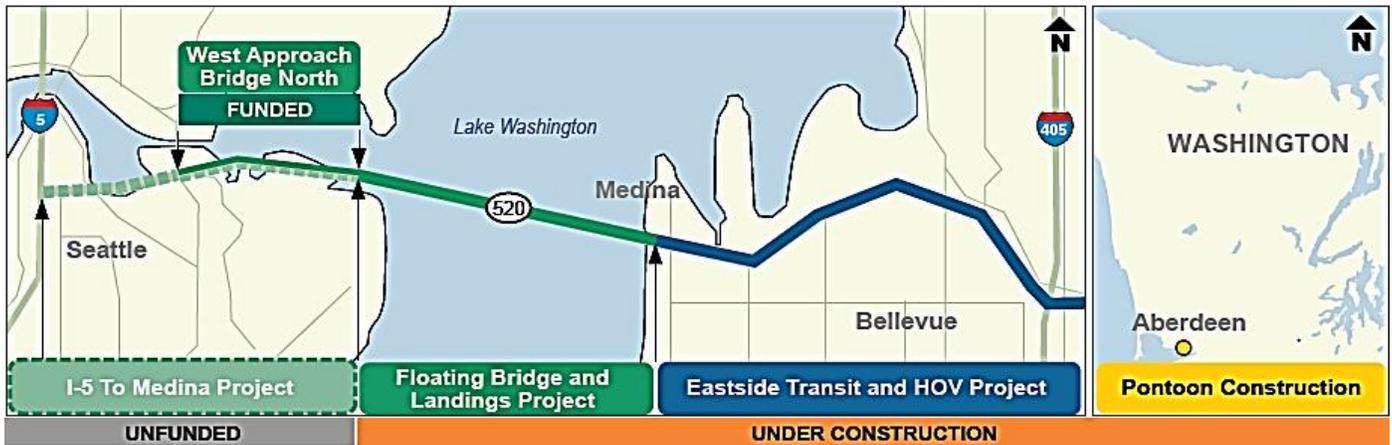
Executive Summary

EXECUTIVE 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 currently under construction 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. Future work includes replacing the Portage Bay and West Approach bridges, building lids in Seattle, and connecting a bicycle/pedestrian path from the floating bridge to local and regional trails in Seattle. *The information contained in this report contains details for projects under construction in November 2013.*



FB&L: Pier 2 South segmental section top-deck pour



Map of SR 520 Bridge Replacement and HOV Program

CURRENTLY FUNDED PROGRAM

Currently funded projects involve:

- Constructing a new, safer floating bridge, as well as the West Connection Bridge.
- Building bridge pontoons at a newly built pontoon-construction facility in Grays Harbor and an existing site in Tacoma.
- Constructing the Eastside Transit and HOV Project.
- Building the north half of the new west approach bridge, connecting six lanes of traffic from the Montlake interchange to the new floating bridge.
- Continuing to design the remaining elements of the west side of the corridor.

PROGRAM STATUS

Pontoon Construction Project (PCP): Continued working on Cycle 4 of 6, including forming, pouring and stripping keel slabs for pontoons E, B, C, D and DSW.

Eastside Transit and HOV Project: The westbound off-ramp at 108th Avenue was shifted to its final alignment. This allows work to continue on walls 4B-34 and the 108th Avenue east approach.

Floating Bridge and Landings (FB&L): Installed transition false work at north column and pier table false work at south column. Finished piles at west side staging area on Lake Washington. Launched coffer cell to begin in-water repairs on longitudinal pontoons. Continued working on Cycle 2A at CTC.

West Connection Bridge (WCB): Crews completed columns 31 and 32, and began drilling shaft 30. Pier 36

MAJOR RISKS

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

- Weather, tides or other natural events that delay pontoons needed for the FB&L project.
- Production and quality issues that further delay pontoons needed for the FB&L project.
- Inflation costs for labor, materials and equipment.
- New requirements or contract changes required by local communities, regulatory groups or agencies.
- Pontoon repairs that do not go as planned.
- Pontoon moorage not being available as needed.

UPCOMING MILESTONES.

- Pontoons: Form, pour and strip walls for pontoons E, B, C, D and DSW as part of work on Cycle 4 of 6.
- Eastside Transit and HOV: Complete wall 4B-35 moment barrier, 4B-53 piling and lagging, 4B-46, 4B-29 and 4B-32. 108th Avenue Northeast westbound off-ramp moved into a new ramp alignment. Main deck sections at the 92nd Avenue Northeast lid should be poured in December.
- FB&L: All CTC pontoon top decks poured and cured for cycle 2A. All CTC rebar and form work placement for temporary access door and soffit pour backs complete. On Lake Washington, start repair work on Pontoon U and V.

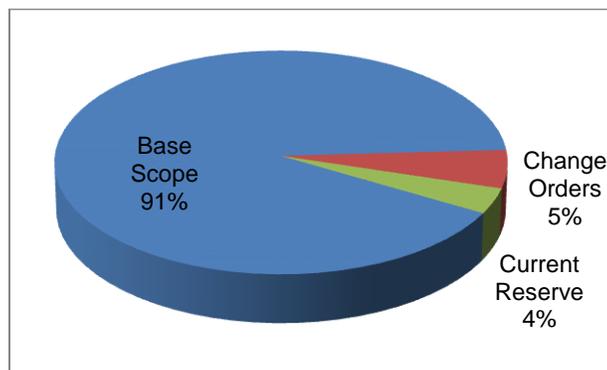


Lake Washington: Coffier cell prepped for launch

Total Program

	Total Budget	Actuals to Date	Remaining
SR520 Program Totals	\$4,128,217,150	\$1,551,277,538	\$2,576,939,612
Funded Program	\$2,724,217,150	\$1,551,277,538	\$1,172,939,612
Federal	\$470,934,699	\$23,943,618	\$446,991,081
FEDERAL GRANT FUNDS	\$3,000,000	\$3,000,000	\$0
BRIDGE REPLACEMENT FUNDS	\$152,752,816	\$5,761,735	\$146,991,081
HIGHWAY SAFETY IMPROVEMENT	\$14,015,000	\$14,015,000	\$0
OUTDOOR ADVERTISING-INTERSTATE	\$855,000	\$855,000	\$0
STATE MATCHING (FUND 880)	\$311,883	\$311,883	\$0
TIFIA (USDOT - TIFIA LOAN)	\$300,000,000	\$0	\$300,000,000
Local	\$1,721,010	\$1,208,847	\$512,163
LOCAL PROJECT(CURRENT)	\$1,721,010	\$1,208,847	\$512,163
State	\$2,107,998,441	\$1,526,125,073	\$581,873,368
TRANSPORTATION PARTNERSHIP ACCOUNT (TPA)	\$492,079,654	\$315,041,035	\$177,038,619
NICKEL ACCOUNT STATE DOLLARS	\$52,244,156	\$52,243,840	\$316
SR520 CORRIDOR	\$549,032,022	\$549,032,022	(\$0)
SR520 GARVEE	\$923,000,000	\$601,170,000	\$321,830,000
SR520 TOLL BONDS	\$15,062,575	\$0	\$15,062,575
SR520 TOLL PAY-GO	\$74,006,542	\$6,064,684	\$67,941,858
STATE FUNDS	\$2,573,492	\$2,573,492	\$0
Deferred Sales Tax	\$143,563,000		\$143,563,000
DEFERRED SALES TAX	\$143,563,000		\$143,563,000
Unfunded Program	\$1,404,000,000		\$1,404,000,000
I-5 TO THE FLOATING BRIDGE	\$1,404,000,000		\$1,404,000,000

PROGRAM RESERVE STATUS (FUNDED PROGRAM)



Cumulative Reserve	\$250,000,000
November Change Orders	(\$6,050,000)
Previous Change Orders	(\$150,496,883)
Current Reserve	*\$93,453,117

Four (4) change orders were executed in November.

*Current reserve number listed does not reflect pending and potential change orders.

Pontoon Construction Project

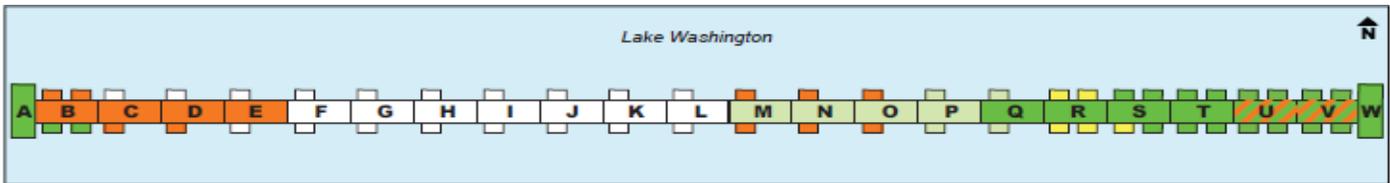
ABERDEEN PONTOONS OVERVIEW

WSDOT is continuing pontoon construction to replace the aging and vulnerable SR 520 floating bridge on Lake Washington. The Pontoon Construction Project broke ground in February 2011 at a 55-acre site in Aberdeen. As part of this project, contractor Kiewit-General (KG) Joint Venture built a new casting basin facility and is constructing 33 concrete pontoons that will be used to replace the SR 520 floating bridge.



Setting precast panels for Pontoon D in Grays Harbor

Original Engineers Estimate	\$600,000,006
Bid Price	\$367,330,000
Change Orders to date	\$44,537,287
Current Contract Value	\$411,867,287



Note: not to scale

Pontoon status:	■ On Lake Washington	■ Repairs underway on Lake WA	■ In transit / pending transit
	■ Temporarily moored	■ Under construction	□ Future construction

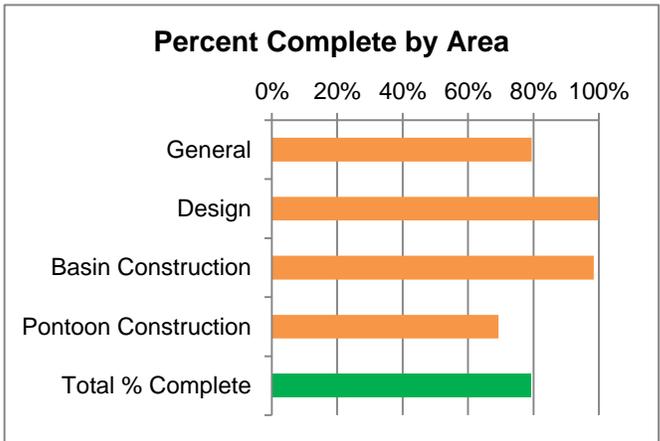
Pontoon Tracking Map 12/11/13

NOVEMBER ACCOMPLISHMENTS

Pontoon crews in Aberdeen continue to work on Cycle 4 pontoons E, B, C, D, and supplemental pontoons BNW and DSW.

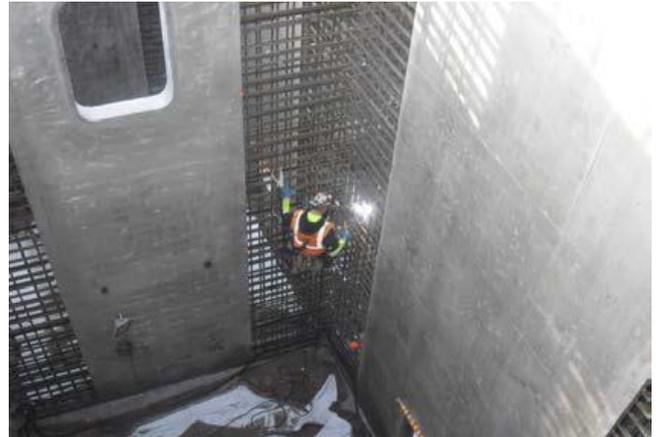
Three pontoon construction cycles are complete.

Precast construction for Cycle 5 started in November.



RISK

- Changes to design, materials or construction methods
- Materials price escalation
- Weather impacts
- Tidal or tribal fishing season restrictions on float-out



Ironworker adding continuity welds to closure area on Pontoon E

NOVEMBER COSTS

Preliminary engineering is complete. The right of way budget is complete. The total actual cost to date from the contractor is 80 percent of the budget.

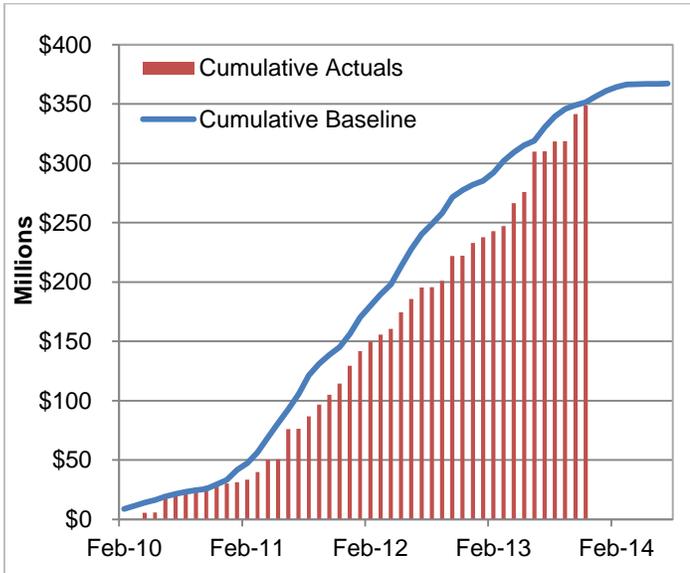
	Current Budget	Actuals to Date	Remaining Budget
Pontoon Construction Project Totals	\$482,285,961	\$386,965,947	\$95,320,014
Preliminary Engineering	\$32,568,750	\$32,568,750	\$0
Right of Way	\$5,789,554	\$5,611,771	\$177,783
Construction	\$443,927,657	\$348,785,426	\$95,142,231
<i>Current Contract Value</i>	\$411,867,287	\$334,093,559	\$77,773,728
<i>Agreements</i>	\$9,370,320	\$6,787,220	\$2,583,101
<i>Construction Engineering</i>	\$22,690,049	\$7,904,647	\$14,785,402
<i>State Force Work</i>	\$0	\$0	\$0
<i>State Materials</i>	\$0	\$0	\$0
<i>Vendor Supplied Materials</i>	\$0	\$0	\$0

Cost information through Nov. 30, 2013

NOVEMBER CHANGE ORDER SUMMARY

One (1) change order was executed in November for \$0.00. All change orders to date total \$44,537,287 at the time of this report.

NOVEMBER PERFORMANCE



The Schedule Performance Index (SPI) to date for the contractor is 0.99.



Workers perform keel and wall rebar and post-tension duct installation on Pontoon E

SUMMARY SCHEDULE

The latest contractor schedule submitted in November shows delays to Cycle 4 and Cycle 6. WSDOT is working in conjunction with K-G and the FB&L project to evaluate contract delivery dates and determine options. Until new dates are finalized, the projected delivery is as follows:

Milestone	Contract Date	Actual/Trend
Notice to Proceed 1 - Design Initiated	2/18/2010	2/18/2010
Notice to Proceed 2 - Site Construction Start	1/10/2011	1/10/2011
Pontoon Cycle 2 Segment Completion	3/15/2013	5/4/2013
Pontoon Cycle 4 Segment Completion	2/9/2014	Late
Pontoon Cycle 6 Segment Completion	11/8/2014	Late
Physical Completion	1/7/2015	Late

NOVEMBER 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 staff that do not appear to be constructed in accordance with the approved drawings and specifications.

“**Nonconformance Issues**” are incidents recorded by WSDOT’s Quality Verification staff due to an audit finding based on their observance of the work.

	Previous Total	Current Period	Project Total	Open	Closed
Audits - Actual	706	54	760	76	684

	Previous Total	Open	Current Period	Avg. Time Open
Nonconformance Reports (NCR)	583	22	9	120 days
Nonconformance Issues (NCI)	111	6	1	102 days

No major concerns with NCIs for November 2013 were identified.

NOVEMBER 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.

Design-Builder	Previous Total	Current Period	Project Total
Recordable Incidents	10	0	10
Lost Time Incidents	1	0	1
Contract Days without an Incident	68	30	98

There were no safety incidents for the month of November 2013.

NOVEMBER ENVIRONMENTAL SUMMARY

“**Non-Compliance 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
Non-Compliance Event (ECAP)	26	1	27
Minor Environmental Event	20	0	20

One (1) environmental event occurred in November 2013.

On Nov. 19, K-G received a non-compliance notification letter from the Department of Ecology for failure to submit a timely Discharge Monitoring Report (DMR) as required by the project’s State Waste Discharge Permit No. ST-6223. The DMR for January 2013 was due to Ecology no later than Feb. 15, 2013, but was not postmarked until Feb. 27, and therefore was at least 12 days late. The non-compliance and notice from the agency triggered WSDOT’s Environmental Compliance Assurance Procedure (ECAP). K-G will write an ECAP Incident Report with corrective actions being implemented to prevent reoccurrence.

Eastside Transit and HOV

EASTSIDE OVERVIEW

The Eastside Transit and HOV Project will complete and improve the 2.5-mile HOV system from Evergreen Point Road to the I-405 interchange. The improved six-lane corridor will include two general-purpose lanes and one transit/HOV lane in each direction, as well as two new transit facilities, three community-connecting lids, and eight new fish-passage culverts.



Evergreen Point Road: Lid landscaping

Original Engineers Estimate	\$422,064,082
Bid Price	\$306,278,000
Change Orders to date	\$30,099,913
Current Contract Value	\$336,377,913

Eastside Project Area Map



NOVEMBER ACCOMPLISHMENTS

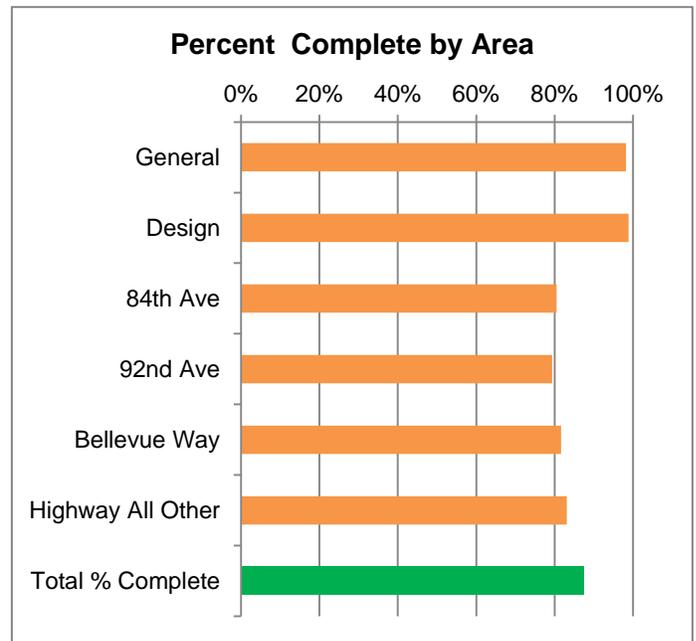
Evergreen Point Road: Lid and transit station crews installed unit pavers, luminaire bases and landscape irrigation system, and set the elevator steel structure.

84th Avenue Northeast: Advanced work on lid finishes, electrical, sign structures and barrier/luminaire foundation in the median between Evergreen Point Road and 84th Avenue.

92nd Avenue Northeast: Crews backfilled the south abutment pier, and advanced work on eastbound and westbound transit facility crash walls and barriers.

Bellevue Way interchange: Crews placed deck rebar and set up Bid-Well for Bellevue Way bridge deck pour.

108th Avenue Northeast: Crews placed rebar, formed and poured Pier 1 approach, and placed curb and gutter for Culvert H.



RISK

As reported in Gray Notebook 48 (p. 59), WSDOT and the design-builder, Eastside Corridor Constructors (ECC), continue discussions on budget and schedule risks that developed after the contract was awarded. Potential schedule and budget effects will be determined after further consultation with ECC.

WSDOT continues to work with ECC to resolve geotechnical design-dispute issues for the Bellevue Way interchange.

Other potential risks include the interface point between ECC and the FB&L design-builder.



Bellevue Way: Placement of bridge-deck rebar

NOVEMBER COST

Preliminary engineering is complete. The right of way budget is 83 percent complete. The total actual cost to date from the contractor is 86 percent of the budget.

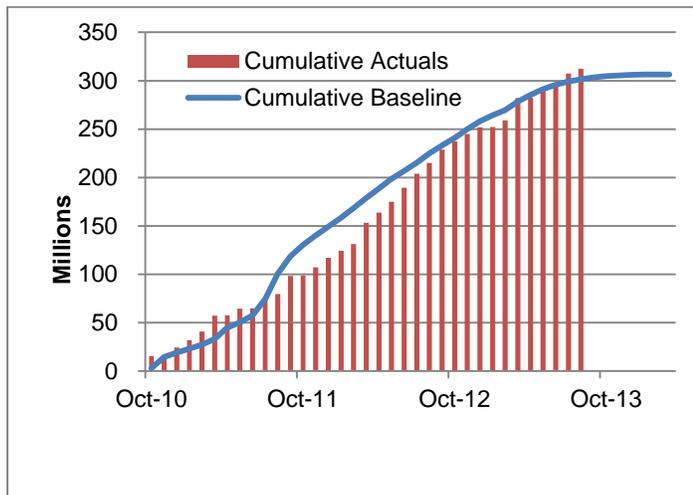
	Current Budget	Actuals to Date	Remaining Budget
Eastside Construction Project Totals	\$427,668,575	\$372,563,201	\$55,105,375
Preliminary Engineering	\$31,694,510	\$31,694,510	\$0
Right of Way	\$31,879,812	\$26,461,747	\$5,418,065
Construction	\$364,094,253	\$314,406,944	\$49,687,309.96
Current Contract Value	\$336,377,913	\$294,017,362	\$42,360,551
Agreements	\$11,517,345	\$7,908,681	\$3,608,664
Construction Engineering	\$13,159,183	\$10,167,152	\$2,992,032
State Force Work	\$345,626	\$288,410	\$57,216
State Materials	\$0	\$0	\$0
Vendor Supplied Materials	\$2,694,187	\$2,025,339	\$668,847

Cost information through Nov. 30, 2013

NOVEMBER CHANGE ORDER SUMMARY

No change orders were executed in November. Current change order total is \$30,099,913.

NOVEMBER PERFORMANCE



The Schedule Performance Index (SPI) to date for the contractor is .89 and signifies that the contractor is working behind current estimated schedule completion dates.



92nd Avenue Northeast: Bike and pedestrian tunnel slab and walls

SUMMARY SCHEDULE

The current Eastside project schedule estimates construction completion in summer 2014. This date is not yet finalized and may be adjusted based on ongoing discussions with the contractor.

Milestone	Contract Date	Actual/Trend
Notice to Proceed	12/1/2010	12/1/2010
East Approach & Maintenance Facility Area Work Complete	3/30/2012	3/30/2012
Evergreen Point Area Phase I Work Complete	7/28/2013	Late
Evergreen Point Area Phase II Work Complete	11/1/2013	Late
East Construction Substantial Completion	12/20/2013	Late
East Construction Physical Completion	3/20/2014	Late

NOVEMBER 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 staff that do not appear to be constructed in accordance with the approved drawings and specifications.

“**Nonconformance Issues**” are incidents recorded by WSDOT’s Quality Verification staff due to an audit finding based on their observance of the work.

	Previous Total	Current Period	Project Total	Open	Closed
Audits - Actual	2,567	62	2,629	61	2,568
	Previous Total	Open	Current Period	Avg. Time Open	
Nonconformance Reports (NCR)	427	60	25	104 days	
Nonconformance Issues (NCI)	263	61	7	219 days	

No major NCIs reported in November 2013.

NOVEMBER SAFETY SUMMARY

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

“**Lost Time Incidents**” are any 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.

Design-Builder	Previous Total	Current Period	Project Total
Recordable Incidents	9	1	10
Lost Time Incidents	0	0	0
Contract Days without an Incident	75	9	9

On 11/21/13, ECC had a carpenter drilling holes in a form panel. The bit struck a 4x4 on the backside, ripping the drill motor from his hand. He fractured his middle right finger and has been placed on modified duty.

NOVEMBER ENVIRONMENTAL SUMMARY

“**Non-Compliance 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
Non-Compliance Event (ECAP)	65	0	65
Minor Environmental Event	202	0	202

No environmental events for the month of November 2013.

Floating Bridge and Landings

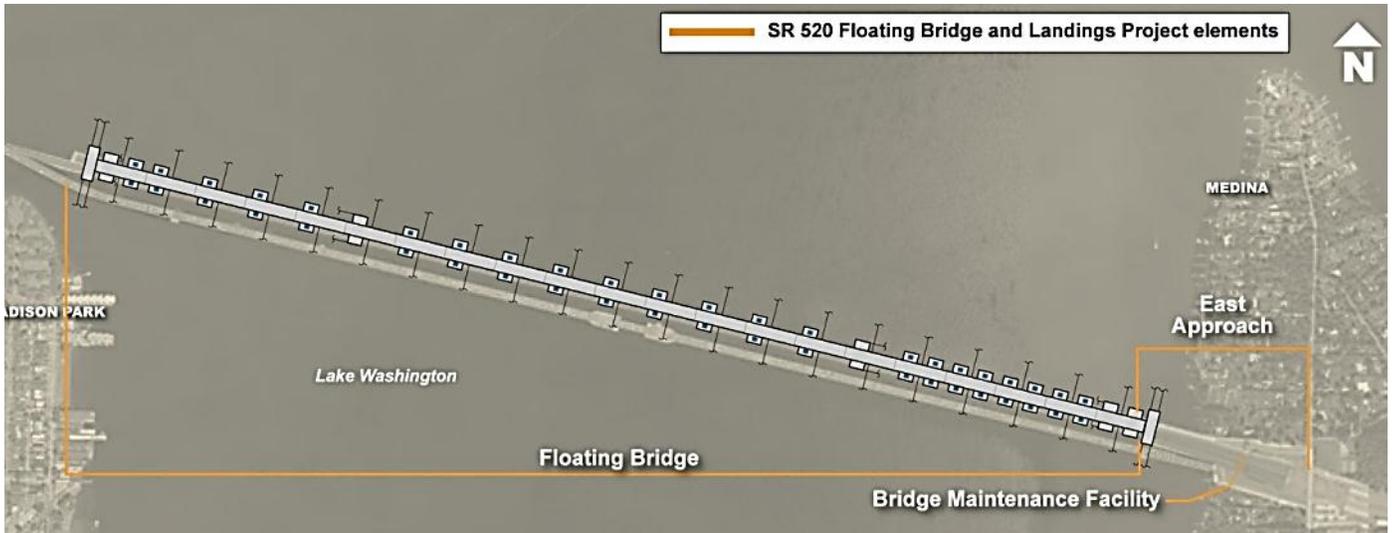
FLOATING BRIDGE AND LANDINGS OVERVIEW

The SR 520 Floating Bridge and Landings (FB&L) Project will replace the existing, vulnerable four-lane structure with a new six-lane bridge that can withstand winds of up to 89 mph. The new six-lane facility will include a bicycle/pedestrian path and a bridge maintenance facility on the east end. The project includes construction of 44 supplemental stability pontoons in Tacoma.

Original Engineers Estimate	640,769,000
Bid Price	586,561,000
Change Orders to date	81,613,143
Current Contract Value	668,174,143



Construction proceeds on the new bridge's east approach



Floating Bridge area map

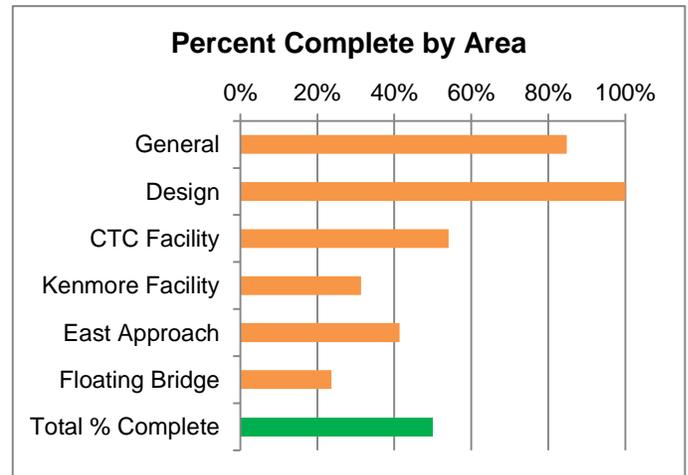
NOVEMBER ACCOMPLISHMENTS

Concrete Technology Corp. (CTC) site in Tacoma: Pontoon work advanced on Cycle 2A (fourth of six cycles). Crews completed all walls for cycle 2A.

Coffer cell was launched on Lake Washington in order to make repairs to pontoons U and V.

East Approach Bridge: Crews placed column transition forms, rebar and concrete on north column and place stem wall diaphragm. The pier table crew placed traveler system forms, rebar post tension ducts and concrete for segment P2-9D on Pier 2 south pier table.

Floating Bridge: Crews prepared Pontoon V for the coffer cell. Crews also completed Bent #2 on Pontoon W.



RISK

Contractor Kiewit/General/Manson, A Joint Venture (KGM) is completing repairs to the four Cycle 1 pontoons built in Aberdeen that experienced cracking in end walls and keel slabs. In July, WSDOT negotiated a \$48.7 million change order with KGM to pay for the company's time, labor and materials to complete these repairs.

The Floating Bridge and Landings project will experience a delay in schedule due to the issues found in the first cycle of pontoons from Grays Harbor. To reduce this risk, WSDOT is currently in negotiations with both design-build teams to determine the schedule effects between pontoon production and floating bridge construction.

There are two potential lawsuits regarding project use of the Kenmore site. The potential impacts of these lawsuits are currently unknown. WSDOT is not currently a party to any lawsuit, but is monitoring the situation.



Installing rebar for top deck on a supplemental pontoon at CTC

NOVEMBER COST

Preliminary engineering is complete. The right of way budget is close to complete. The total actual cost to date to the contractor is 50 percent of the current contract value.

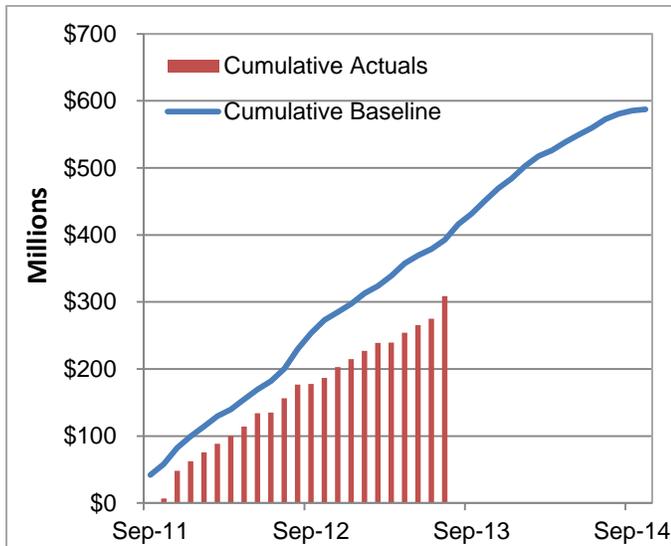
	Current Budget	Actuals to Date	Remaining Budget
Floating Bridge and Landings Construction Project Totals	\$751,887,540	\$388,502,447	\$363,385,093
Preliminary Engineering	\$10,659,063	\$10,659,063	\$0
Right of Way	\$4,893,334	\$3,356,657	\$1,536,677
Construction	\$736,335,143	\$374,486,727	\$361,848,416
Current Contract Value	\$668,174,143	\$330,605,389	\$337,568,754
Agreements	\$34,520,911	\$27,100,703	\$7,420,208
Construction Engineering	\$22,900,089	\$10,078,734	\$12,821,355
State Force Work	\$60,000	\$1,901	\$58,099
State Materials	\$0	\$0	\$0
Vendor Supplied Materials	\$10,680,000	\$6,700,000	\$3,980,000

Cost information through Nov. 30, 2013

NOVEMBER CHANGE ORDER SUMMARY

Three (3) change orders were executed in November for \$6,050,000. To date all change orders total \$81,613,143.

NOVEMBER PERFORMANCE



The Schedule Performance Index (SPI) is at 0.79 for the month of November 2013. This is showing a significant decrease from the original plan; the trend is primarily due to delayed pontoon delivery and repairs to Cycle 1 pontoons.



Traveler formwork on the east approach

SUMMARY SCHEDULE

The contractor's current schedule submittal is showing delays from the original contract milestones for Substantial and Physical Completion. This is primarily due to delayed pontoon delivery, which will delay the opening of the bridge from the contract date of July 2015 to late 2015 or early 2016. WSDOT is in negotiations with the contractor regarding the impacts until new dates are finalized.

Milestone	Contract Date	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	11/15/13	8/23/2013
Substantial Completion	7/31/2015	Late
Physical Completion	5/26/2016	Late

NOVEMBER 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 staff that do not appear to be constructed in accordance with the approved drawings and specifications.

“**Nonconformance Issues**” are incidents recorded by WSDOT’s Quality Verification staff due to an audit finding based on their observance of the work.

	Previous Total	Current Period	Project Total	Open	Closed
Audits - Actual	1161	69	1230	22	1208

	Previous Total	Open	Current Period	Avg. Time Open
Nonconformance Reports (NCR)	164	43	9	200 days
Nonconformance Issues (NCI)	376	37	26	128 days

No major concerns with NCIs for November 2013.

NOVEMBER 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.

Design Builder	Previous Total	Current Period	Project Total
Recordable Incidents	18	0	18
Lost Time Incidents	1	0	1
Contract Days without an Incident	64	30	94

No recordable safety incidents for the month of November 2013.

NOVEMBER ENVIRONMENTAL SUMMARY

“**Non-Compliance 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
Non-Compliance Event (ECAP)	18	2	20
Minor Environmental Event	30	0	30

11/4 - Vegetable oil was released when the hydraulic ram on traveler was overextended. A small quantity of oil entered the lake. It was contained and recovered.

11/7 - Form oil mixed with rainwater on Pontoon W and entered the lake, creating a small sheen. The oil was recovered.

West Connection Bridge

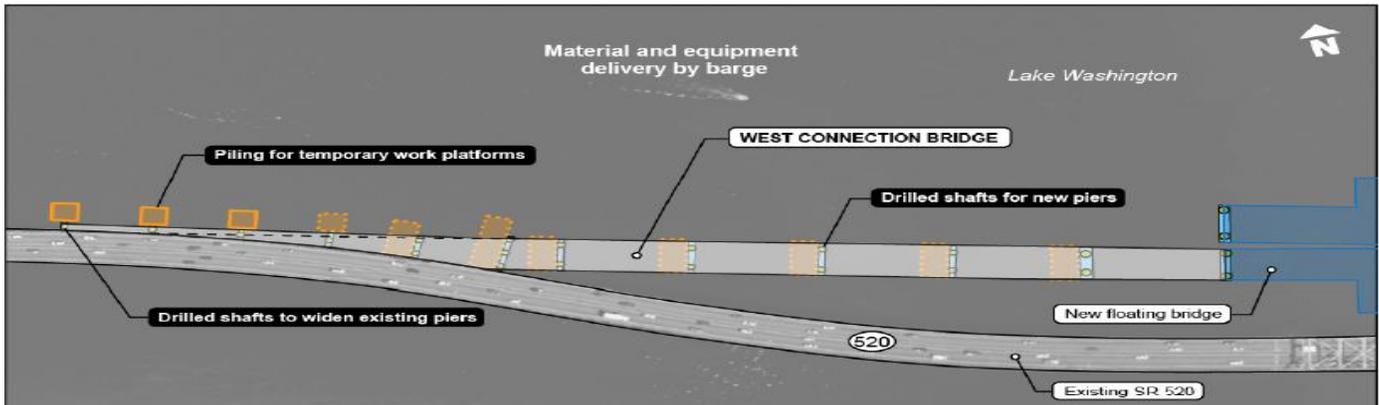
WEST CONNECTION BRIDGE

The West Connection Bridge (WCB) project builds an interim four-lane structure that connects the new SR 520 Floating Bridge to the existing West Approach Bridge.



Pier 33 shafts complete, column cages set

Original Engineers Estimate	\$20,639,667
Bid Price	\$22,129,243
Change Orders to Date	\$0
Current Contract Value	\$22,129,243



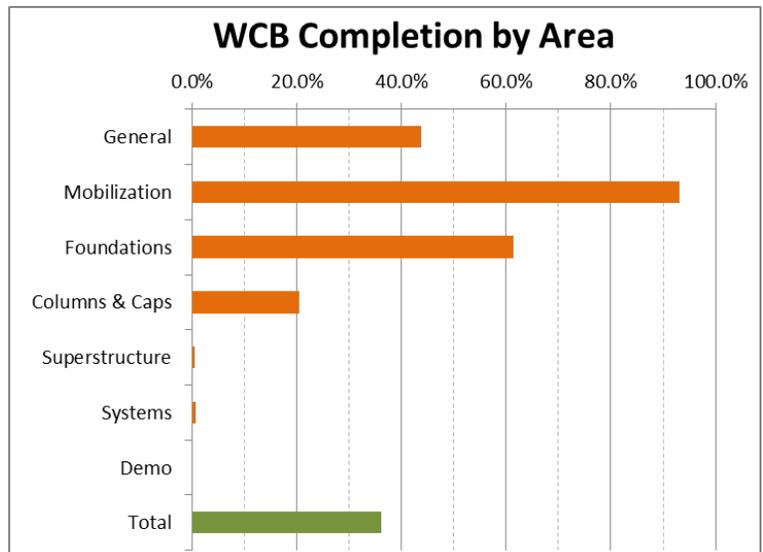
West Connection Bridge map

NOVEMBER ACCOMPLISHMENTS

Drilled shaft construction: No drilling of shafts took place this month.

Substructure:

- Crews poured column transitions at Piers 31-34
- Crews completed columns at Piers 31-34
- Crews poured crossbeams at Piers 33 and 34



RISKS

- Drill platform design
- Pier 30 subsurface conditions
- Area 1B turnover
- Community concerns: noise, property damage



Pier 34 crossbeam formwork

NOVEMBER COST

Preliminary engineering is complete. There were no right of way costs on this project, and no costs are expected. The total actual cost to date from the contractor is 39 percent.

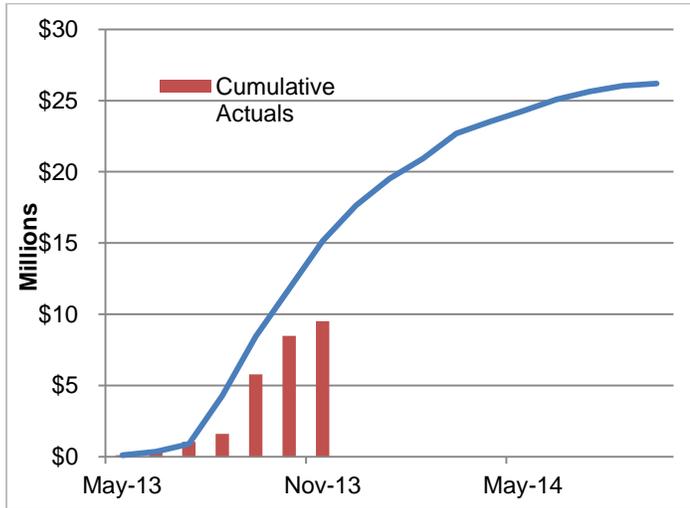
	Current Budget	Actuals to Date	Remaining Budget
West Approach Construction Project Totals	\$30,910,804	\$14,293,611	\$16,606,544
Preliminary Engineering	\$5,560,001	\$4,795,930	\$764,071
Construction	\$25,340,154	\$9,497,681	\$15,842,473
<i>Current Contract Value</i>	\$22,129,243	\$8,371,146	\$13,758,097
<i>Agreements</i>	\$654,351	\$318,664	\$335,687
<i>Construction Engineering</i>	\$2,556,560	\$807,871	\$1,748,689
<i>State Force Work</i>	\$0	\$0	\$0
<i>State Materials</i>	\$0	\$0	\$0
<i>Vendor Supplied Materials</i>	\$0	\$0	\$0

Cost information through Nov. 30, 2013

NOVEMBER CHANGE ORDER SUMMARY

No change orders were issued in November. The total value of change orders to date is \$0.00.

NOVEMBER PERFORMANCE



The cumulative Schedule Performance Index (SPI) is 0.63.
The contractor is behind schedule on foundations construction.

Aerial view of West Connection Bridge progress in November

SUMMARY SCHEDULE

Contractor has an approved baseline schedule at this time.

Milestone	Contract Date	Actual/Trend
First Charged Working Day	6/17/2013	6/17/2013
Pier 36 - Area 1A & 1B Available To M-A	11/16/2013	11/16/2013
Pier 36 - Area 1B All Work Complete	5/14/2014	Ahead of schedule
Pier 36 - Area 1B Turnover to FB&L	5/15/2014	On-schedule
Pier 36 - Area 1A All Work Complete	7/31/2014	Ahead of schedule
Pier 36 - Area 1A Turnover to FB&L	8/1/2014	On-schedule
End of Contract Working Days	8/11/2014	Behind schedule
Physical Completion	8/29/2014	On-schedule

NOVEMBER SAFETY SUMMARY

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

“**Lost Time Incidents**” are any 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.

Design Builder	Previous Total	Current Period	Project Total
Recordable Incidents	3	0	3
Lost Time Incidents	0	0	0
Contract Days without a lost time Incident	91	18	109

There were no safety incidents for the month of November 2013.

NOVEMBER ENVIRONMENTAL SUMMARY

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

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

	Previous Total	Current Period	Project Total
Non-Compliance Event (ECAP)	5	0	5
Minor Environmental Event	0	1	1

A slow leak of turbid water into the lake was noticed on 11/26. Corrective actions are being investigated.

Evans Creek Eastside Wetland Mitigation

EVANS CREEK

The Eastside Wetland Mitigation Project is a design-bid-build (DBB) project to design and construct environmental mitigation for the Eastside Transit and HOV Project.

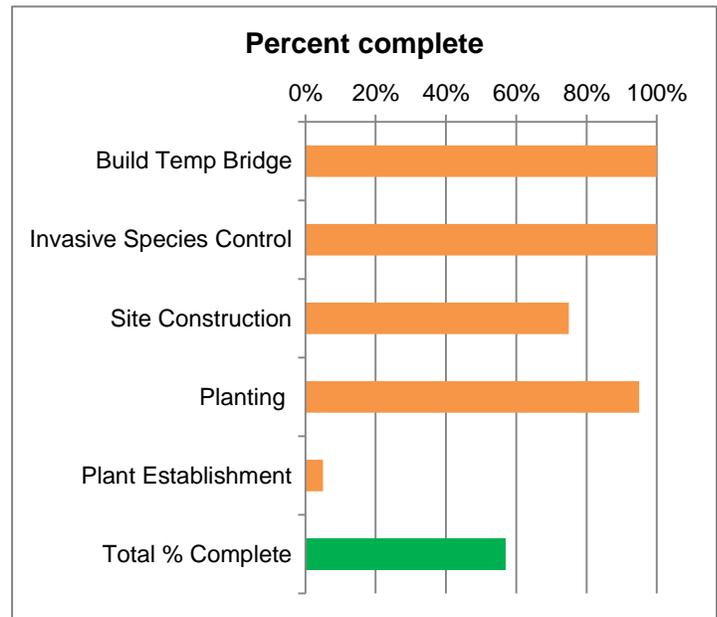
Original Engineers Estimate	\$5,055,879
Bid Price	\$3,856,069
Change Orders to Date	\$0
Current Contract Value	\$3,856,069



Evans Creek Location Map

NOVEMBER ACCOMPLISHMENTS

Initial planting was completed in early November.



RISKS

- Completing in-water work inside the designated work windows
- Site maintenance until 2024

NOVEMBER COST

No change orders were executed in the month of November. Preliminary engineering is complete. Right of way costs are complete. The total actual cost to date from the contractor is 77 percent of the budget. The construction will accelerate over the next six months as the on-site work windows become available.

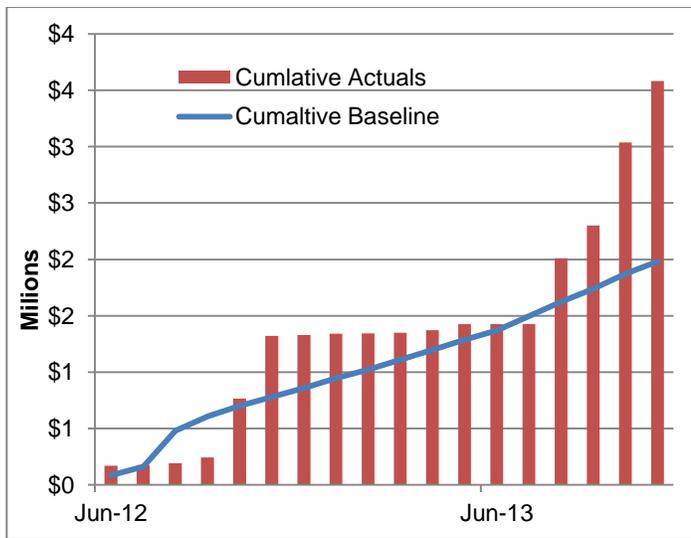
	Current Budget	Actuals to Date	Remaining Budget
Evans Creek Construction Project Totals	\$7,039,698	\$6,020,711	\$1,018,987
Preliminary Engineering	\$1,318,979	\$1,318,979	\$0
Right of Way	\$1,117,766	\$1,117,766	\$0
Construction	\$4,602,953	\$3,583,966	\$1,018,987
<i>Current Contract Value</i>	\$3,856,069	\$3,004,686	\$851,383
<i>Agreements</i>	\$83,898	\$14,387	\$69,511
<i>Construction Engineering</i>	\$644,536	\$564,893	\$79,643
<i>State Force Work</i>	\$18,450	\$0	\$18,450
<i>State Materials</i>	\$0	\$0	\$0
<i>Vendor Supplied Materials</i>	\$0	\$0	\$0

Cost information through Nov. 30, 2013

NOVEMBER CHANGE ORDER SUMMARY

No change orders were issued during the month of November 2013.

NOVEMBER PERFORMANCE



The Schedule Performance Index (SPI) for the Evans Creek project is 1.8. The SPI being above 1 is due to the contractor completing work ahead of schedule.



Evans Creek mitigation replanting

SUMMARY SCHEDULE

The project is currently on schedule and is tracking within budget.

Milestones	Contract	Actual/Trend
Eastside Mitigation - Construction Start	6/19/2012	6/19/2012
Eastside Mitigation - Stage 1 Work Complete	9/14/2012	9/14/2012
Eastside Mitigation - Operationally Complete	11/30/2013	11/30/2013
Eastside Mitigation - Final Contract Completion	9/30/2016	On-Time

NOVEMBER SAFETY SUMMARY

No safety incidents were recorded during the period.

NOVEMBER ENVIRONMENTAL SUMMARY

No environmental incidents occurred during the period.

GLOSSARY – LIST OF FREQUENTLY USED PROJECT AND INDUSTRY ACRONYMS

ATM	Active Traffic Management
CCMP	Community Construction Management Plan
CIP	Cast-in-Place
CTC	Concrete Technology Corporation (SSP production site)
D-B	Design-Builder
DBIC	Design-Builder Initiated Change
Eastside	Eastside Transit and HOV Project
ECAP	Environmental Compliance Assurance Procedure
ECC	Eastside Corridor Constructors (Eastside design-builder)
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
KG	Kiewit General, A Joint Venture (PCP design-builder)
KGM	Kiewit General Manson, A Joint Venture (FB&L design-builder)
M-A	Mowat American, A Joint Venture (WCB Contractor)
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
SPI	Schedule Performance Index
SSP	Secondary Stability Pontoon
TCE	Temporary Construction Easement
TIFIA	Transportation Infrastructure Finance and Innovation Act
WABN	West Approach Bridge North
WCB	West Connection Bridge
WSDOT	Washington State Department of Transportation

For more information

Visit: www.wsdot.wa.gov/projects/SR520Bridge
E-mail: 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 900
Seattle, WA 98104

Americans with Disabilities Act (ADA): This material can be made available in an alternate format by emailing the WSDOT Diversity/ADA Affairs team at wsdotada@wsdot.wa.gov or by calling toll free, 855-362-4ADA(4232). Persons who are deaf or hard of hearing may make a request by calling the Washington State Relay at 711.

Title VI Information: It is the Washington State Department of Transportation's (WSDOT) policy to assure that no person shall, on the grounds of race, color, national origin or sex, as provided by Title VI of the Civil Rights Act of 1964, be excluded from participation in, be denied the benefits of, or be otherwise discriminated against under any of its federally funded programs and activities. Any person who believes his/her Title VI protection has been violated, may file a complaint with WSDOT's Office of Equal Opportunity (OEO). For additional information regarding Title VI complaint procedures and/or information regarding our non-discrimination obligations, please contact OEO's Title VI Coordinators, George Laue at (509) 324-6018 or Jonte' Sulton at (360) 705-7082.