



STATE ROUTE 520

CONSTRUCTION PROGRESS REPORT AUGUST 2014



Aberdeen: Upper bolt beam soffit forms



Floating Bridge and Landings: Falsework for deck panels



West Connection Bridge: Project nearing completion



Eastside: Work at the 92nd Ave NE transit station plaza (looking west)





Aberdeen: Pontoon GNW top slab pour



Floating Bridge and Landings: Deck panels arrive in Medina

Executive Summary.....3

ACTIVE CONSTRUCTION PROJECT REPORTS

Pontoon Construction Project (PCP).....6

Eastside Transit and HOV.....11

Floating Bridge and Landings (FB&L).....16

West Connection Bridge (WCB).....21

Glossary of Terms.....26

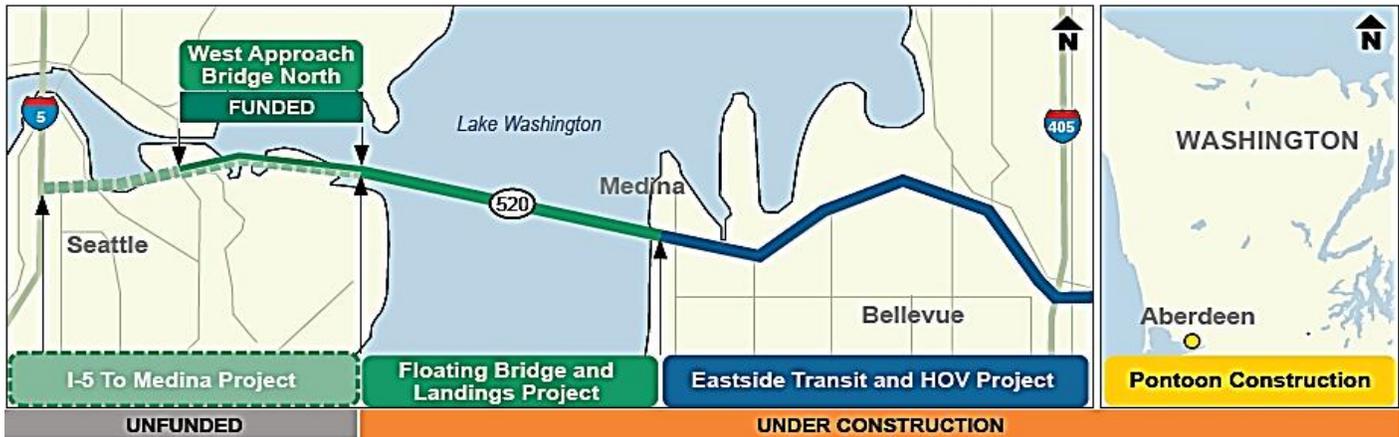
Executive Summary

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.



Floating Bridge and Landings: Steel forms for columns



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, as well as a fixed West Connection Bridge linking the new floating bridge to SR 520's existing four-lane segment in Seattle.
- Building pontoons at casting basin facilities in Tacoma and Grays Harbor.
- Constructing the Eastside Transit and HOV Project.
- Building the north half of the new west approach bridge, and 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.

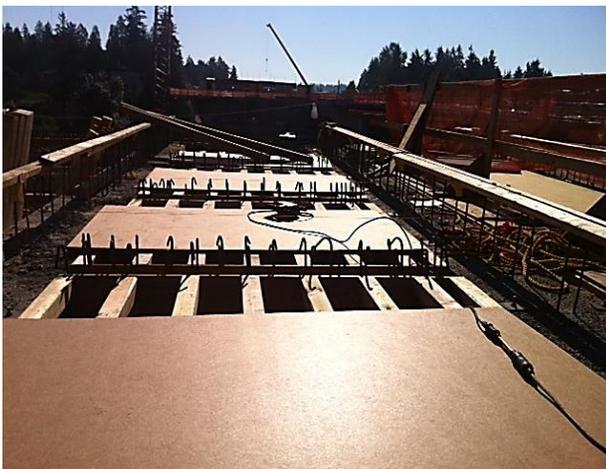
PROGRAM STATUS

Pontoon Construction Project: Crews completed transverse and longitudinal post-tensioning for pontoons I, J and K. They also stripped exterior walls, installed water-tight doors and started crack mapping on pontoons GNW and GSW.

Eastside Transit and HOV: At Evergreen Point Road, crews installed fencing and gates for noise wall 5C. At 92nd Avenue Northeast, crews continued construction of wall ECC-55 on the north side of SR 520. At Bellevue Way and 108th Avenue Northeast, activities included landscaping, installation of an underdrain and culvert work within the Yarrow Creek area.

Floating Bridge and Landings (FB&L): On Lake Washington, crews prepared pontoons M, MNS, and MSW for supplemental joining and installed a post-tensioning duct for pontoons NNW and NSW. At the Concrete Technology Corp. (CTC) facility, crews continued preparation for wall concrete placements in pontoons 2A, 2E, 2B and 2G.

West Connection Bridge (WCB): Crews completed falsework removal, barrier cure, and overhang strip on north and south sides. Crew also installed conduit on spans 32-33.



FB&L: High-rise soffit formworks

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 moorage is not available as needed.
- Pontoon joining complications.

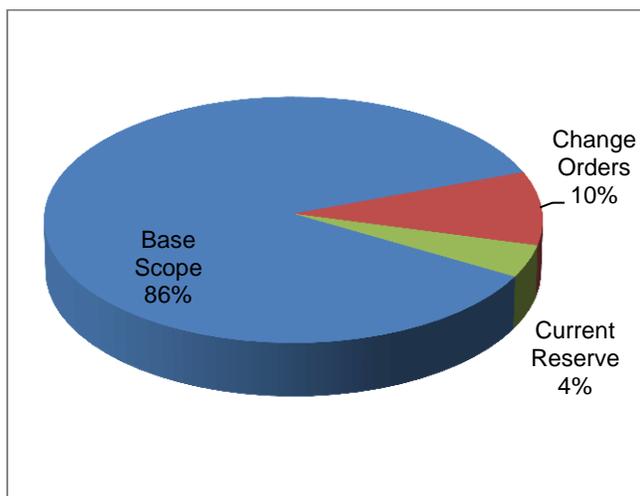
UPCOMING MILESTONES

- **Pontoons:** Crews will complete pouring temporary access openings for pontoons I, J and L, and continue crack mapping and waterproofing for pontoons GNW and GSW. Extra focus will be on Pontoon K activities for transverse post-tensioning, longitudinal post-tensioning and pouring temporary access.
- **Eastside Transit and HOV:** At Evergreen Point Road and Fairweather Bay, crews will work on landscaping at noise wall 5C and at the mainline barrier. At 92nd Avenue Northeast, crews will work on a variety of items, including lid finishes, transit station elevator inspection and luminaire installation. At the Bellevue Way area, work will continue on the pedestrian tunnel. At 108th Avenue Northeast, crews will work on stream and culvert restoration at culverts F, G and H.
- **Floating Bridge and Landings:** At CTC, crews will complete concrete placement in pontoons 2A, 2B, 2E and 2G. At the Port of Tacoma, supplemental pontoons will be towed to Lake Washington. At Medina, toll gantries 1 and 2 will be delivered and assembled. On Lake Washington, crews will install permanent ballast rock in pontoons B, C, D and E.
- **WCB:** Goal for September is physical completion of construction, which includes installation of luminaires and navigation lights, continuation of conduit installations and wire pull. Crews also will install a glare screen, cable rail fence and complete pigment seal of bottom girders and barrier.

Total Program

	Total Budget	Actuals to Date	Remaining
SR 520 Program Totals	\$4,297,907,053	\$1,914,853,695	\$2,383,053,358
Funded Program	\$2,893,907,053	\$1,914,853,695	\$979,053,358
Federal	\$498,134,699	\$128,922,908	\$369,211,791
FEDERAL GRANT FUNDS	\$3,000,000	\$3,000,000	\$0
FEDERAL FORMULA FUNDS	\$179,952,816	\$110,741,025	\$69,211,791
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	\$1,224,678	\$496,332
LOCAL PROJECT(CURRENT)	\$1,721,010	\$1,224,678	\$496,332
State	\$2,235,251,344	\$1,784,706,109	\$450,545,235
TRANSPORTATION PARTNERSHIP ACCOUNT (TPA)	\$525,891,000	\$360,776,560	\$165,114,440
NICKEL ACCOUNT STATE DOLLARS	\$52,244,156	\$52,244,156	\$0
SR 520 CORRIDOR	\$549,032,022	\$549,032,022	\$0
SR 520 GARVEE	\$924,150,000	\$792,187,904	\$131,962,096
SR 520 TRIPLE BACKED BOND SECOND SALE	\$111,031,674	\$0	\$111,031,674
SR 520 TRIPLE BACKED BONDS	\$70,329,000	\$27,891,974	\$42,437,026
STATE FUNDS	\$2,573,492	\$2,573,492	\$0
Deferred Sales Tax	\$158,800,000		\$158,800,000
DEFERRED SALES TAX	\$158,800,000		\$158,800,000
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	\$403,500,000
August Change Orders	\$2,813
Previous Change Orders	(\$281,039,445)
Current Reserve*	\$122,463,368

*The current reserve number does not reflect pending or potential change orders.

Pontoon Construction Project

ABERDEEN PONTOONS OVERVIEW

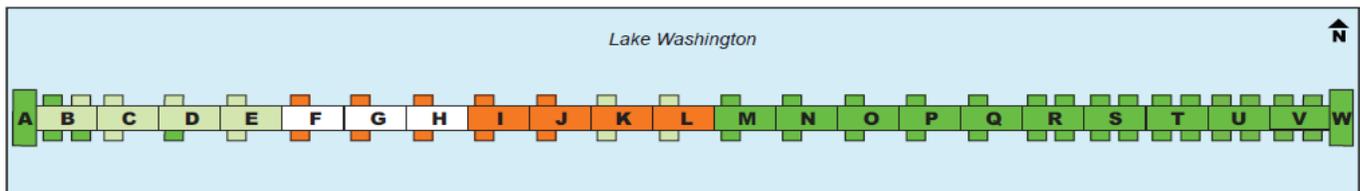
The Washington State Department of Transportation is continuing pontoon construction to replace the aging and vulnerable SR 520 floating bridge on Lake Washington. The Pontoon Construction Project broke ground in July 2011 at a 55-acre site in Aberdeen. As part of this project, contractor Kiewit-General (K-G) 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.



Aberdeen: Pontoon J post-tensioning strands

Original Engineers Estimate	\$600,000,006
Bid Price	\$367,330,000
Change Orders to date	\$81,855,340
Current Contract Value	\$449,185,340

Pontoon tracking on Lake Washington, 8/31/14

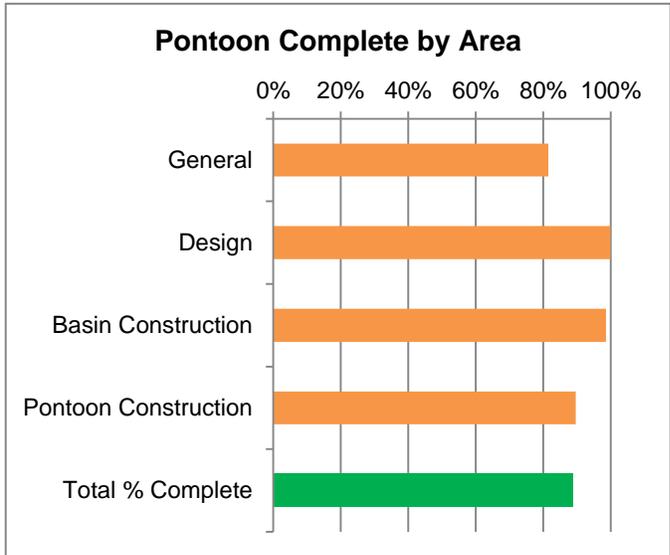


Note: not to scale

Pontoon status:	 On Lake Washington	 Temporarily moored	 In transit / pending transit
	 Under construction	 Future construction	

AUGUST ACCOMPLISHMENTS

Crews continued pouring temporary access openings for pontoons in Cycle 5 of 6. Cycle 6 precast panels are 78 percent complete.



RISK

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



Aberdeen: Wrapped columns on Pontoon L

AUGUST COSTS

Preliminary engineering is complete. The right of way budget is complete. The total actual cost to date from the contractor is 90 percent of the budget.

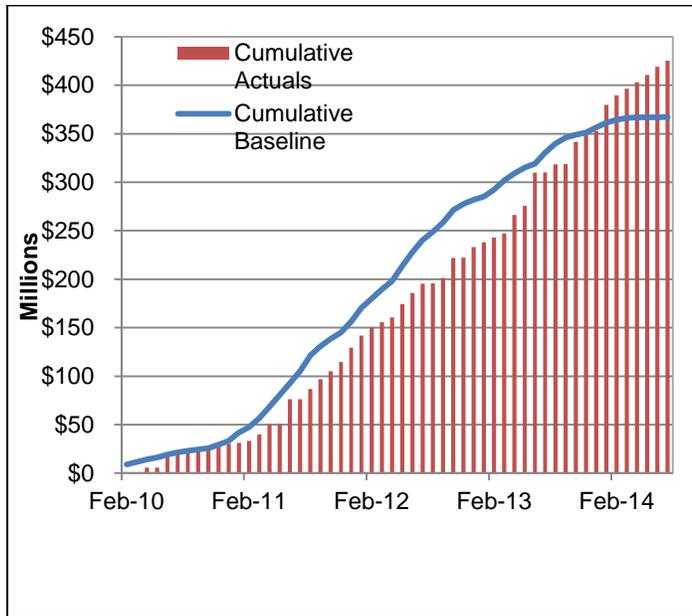
	Current Budget	Actuals to Date	Remaining Budget
Pontoon Construction Project Totals	\$511,604,014	\$471,631,665	\$39,972,349
Preliminary Engineering	\$32,568,750	\$32,568,750	\$0
Right of Way	\$5,789,554	\$5,611,771	\$177,783
Construction	\$473,245,710	\$433,451,144	\$39,794,566
<i>Current Contract Value</i>	\$449,185,340	\$416,147,611	\$33,037,729
<i>Agreements</i>	\$9,407,192	\$7,903,446	\$1,503,747
<i>Construction Engineering</i>	\$14,653,177	\$9,400,087	\$5,253,090
<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 August 31, 2014

AUGUST CHANGE ORDER SUMMARY

No change orders were executed in July. All PCP change orders total \$81,855,340.00 at the time of this report.

AUGUST PERFORMANCE



Aberdeen: End wall on Pontoon K

The Schedule Performance Index (SPI) to date for the contractor is 1.1. This indicates the contractor is a little ahead of schedule due to change order 111's adjusted completion milestones.

SUMMARY SCHEDULE

The current contractor schedule shows project physical completion 97 days earlier than the contract date established in Change Order 111. The projected delivery dates for the remainder of the project are 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 Complete	3/15/2013	5/4/2013
Pontoon Cycle 3 Segment Complete	10/10/13	10/10/2013
Pontoon Cycle 4 Segment Complete	4/28/2014	4/21/2014
Pontoon Cycle 5 Segment Complete	10/14/2014	Early
Pontoon Cycle 6 Segment Complete	4/14/2015	Early
Physical Completion	8/12/2015	Early
Final Completion	12/10/2015	Early

AUGUST 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	1159	95	1254	0	1254

	Previous Total	Open	Current Period	Avg. Time Open
Nonconformance Reports (NCR)	730	29	11	214 days
Nonconformance Issues (NCI)	159	3	5	28 days

AUGUST 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	13	0	13
Lost Time Incidents	1	0	1
Contract Days without an Incident	9	31	40

No recordable incidents occurred in August.

AUGUST 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)	41	1	42
Minor Environmental Event	27	0	27

On 8/6/14, an ECAP event occurred. WSDOT’s Environmental Compliance Manager observed several dead fish (likely three-spine stickleback) floating in Pond 1, Cell 2. WSDOT and K-G made the required contact with regulatory agencies.

On 8/12/14, K-G provided a revised Pond 1 and 3 fish removal plan to WSDOT for review, and discussed it during an 8/15/14 conference call. K-G conducted the fish removal during 8/20 – 8/22/14. K-G lowered the water level in each pond, seined from one end to the other, then crowded and hand-netted the fish into buckets and transported them to the floating dock in the launch channel. WSDOT observed, counted, and identified the fish prior to releasing them to Grays Harbor.

Eastside Transit and HOV

EASTSIDE OVERVIEW

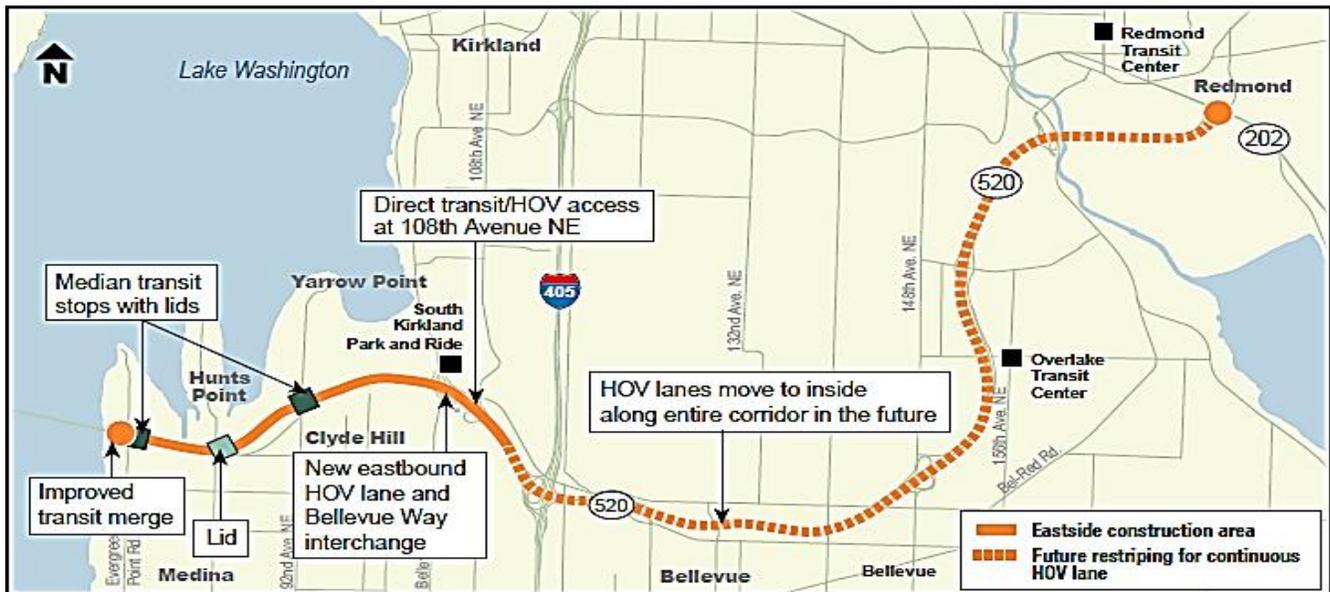
The Eastside Transit and HOV Project will complete and improve the 2.5-mile HOV system from Evergreen Point Road to the I-405 interchange. The improved six-lane corridor will include two general-purpose lanes and one transit/HOV lane in each direction, as well as two new transit station facilities, three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

Original Engineers Estimate	422,064,082
Bid Price	306,278,000
Change Orders to date	\$30,366,150
Current Contract Value	\$336,644,150



Waterproofing the "kiss & ride" area on the 92nd Avenue Northeast lid

Eastside Project Area Map



AUGUST ACCOMPLISHMENTS

Evergreen Point Road: Crews continued work on lid finishes, connections to Fairweather Park, and noise wall, fencing and gates along the temporary eastbound construction on-ramp. Crews set mainline temporary barrier.

84th Avenue Northeast: Crews continued work on lid finishes. Crews also worked on forming and pouring the access pad for the access door to the Active Traffic Management system along the westbound on-ramp.

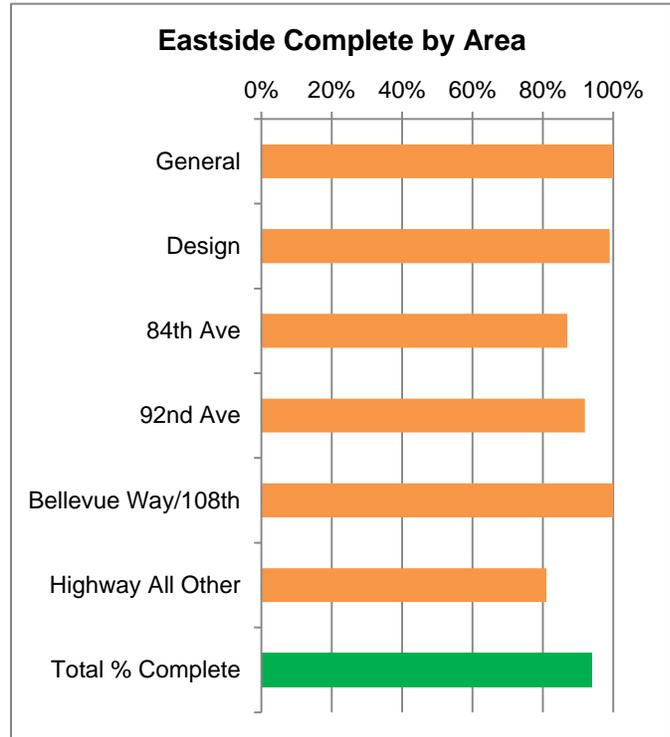
92nd Avenue Northeast: Crews continued working on lid finishes and the transit station plaza. Crews repaired wall 4B-01 along the south side of SR 520.

Bellevue Way: Crews continued landscaping around pond E3. At Bellevue Way, work continued on bridge finishes, traffic islands, and sidewalk on the south side of the bridge.

108th Avenue Northeast: Crews formed and poured stem wall at ECC-54 in the SR520 median. Crews worked on restoration work for the tie-in of culvert F to G.

AUGUST RISK

WSDOT and ECC are negotiating a settlement to resolve the 4B-24 geotech design claim. The settlement will evaluate the time and cost impact.



Bellevue Way Bridge, facing north

AUGUST COSTS

Preliminary engineering is complete. The right of way budget is 85 percent complete. The total actual cost to date from the contractor is 93 percent of the budget.

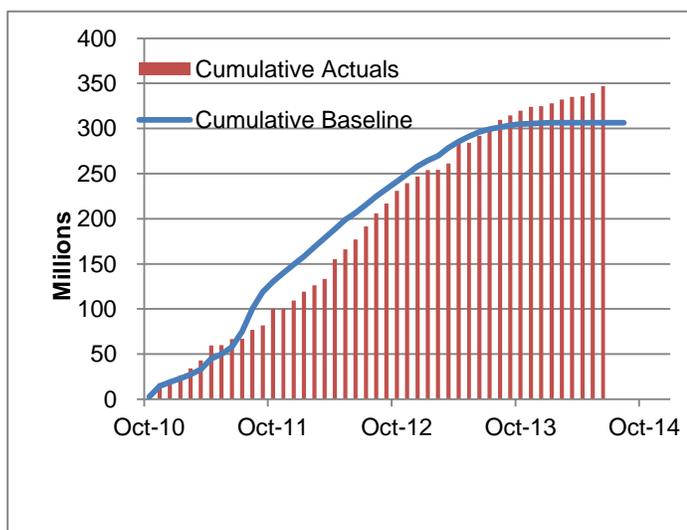
	Current Budget	Actuals to Date	Remaining Budget
Eastside Construction Project Totals	\$428,232,846	\$405,962,872	\$22,269,974
Preliminary Engineering	\$31,694,510	\$31,694,510	\$0
Right of Way	\$31,879,512	\$27,180,846	\$4,698,666
Construction	\$364,658,824	\$347,087,516	\$17,571,307.79
Current Contract Value	\$336,644,150	\$322,243,841	\$14,400,309
Agreements	\$12,268,687	\$10,115,982	\$2,152,705
Construction Engineering	\$13,337,275	\$12,334,946	\$1,002,329
State Force Work	\$372,626	\$362,161	\$10,465
State Materials	\$0	\$0	\$0
Vendor Supplied Materials	\$2,036,087	\$2,030,587	\$5,500

Cost information through August 31, 2014

AUGUST CHANGE ORDER SUMMARY

Eastside project executed change orders total \$30,366,150.00 at the time of this report. There was one zero-cost change order in August.

AUGUST PERFORMANCE



The Schedule Performance Index (SPI) to date for the contractor is .88 on the current budget value. This signifies the contractor is behind schedule for substantial completion.



Eastside: Finishing wall 4B-01

SUMMARY SCHEDULE

The current contractor schedule estimates construction completion in fall 2014. This forecasted completion date is part of the ongoing discussions between WSDOT and ECC. Contract milestones will be adjusted when WSDOT and ECC reach a settlement to the wall 4B-24 geotechnical design claim.

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

AUGUST QUALITY SUMMARY

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“**Nonconformance Reports**” are incidents recorded by the design-builder’s quality inspection staff that does 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	3016	1	3017	47	2970

	Previous Total	Open	Current Period	Avg. Time Open
Nonconformance Reports (NCR)	564	67	9	172 days
Nonconformance Issues (NCI)	302	47	4	301 days

No major concerns with NCIs for August 2014 were identified.

AUGUST 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	12	1	13
Lost Time Incidents	0	0	0
Contract Days without an Incident	167	20	20

On 8/9/14, an employee was grinding the diaphragms on the 84th Avenue Northeast lid. A nail hit the employee's head (between his hardhat and protective eyewear). He was sent to the hospital, treated, and released back to work.

AUGUST 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)	69	1	70
Minor Environmental Event	212	0	212

On 8/13/14, an ECAP event occurred. The Yarrow Creek stream bypass at Fish Passage Culvert-G was breached during a heavy, overnight rain event. High water overflowed the upstream diversion dam and flowed through the work area. Pumps were used to remove the excess water from the area.

Floating Bridge and Landings Construction Project

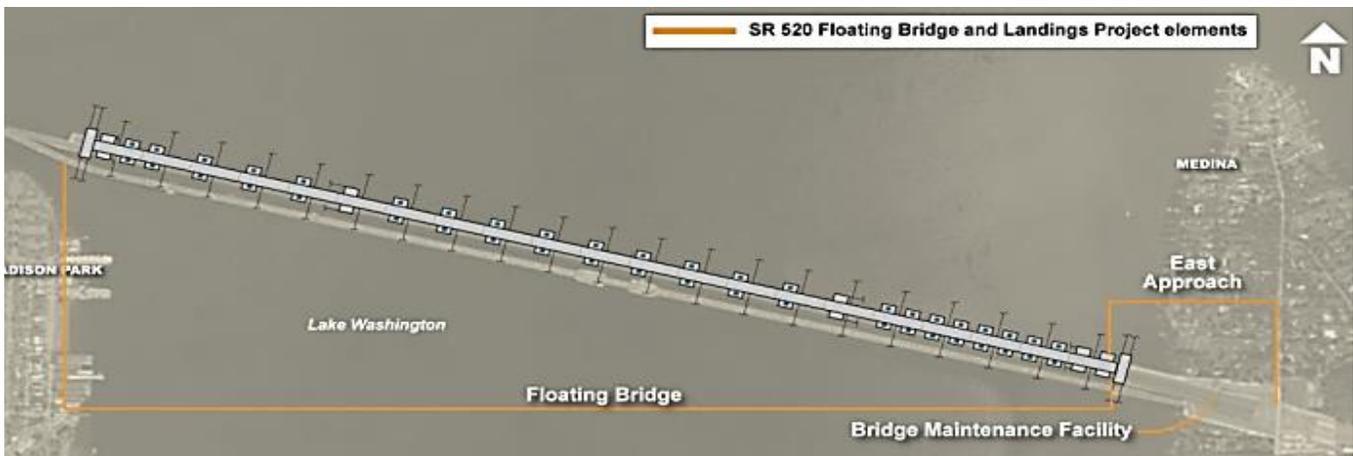
FLOATING BRIDGE AND LANDINGS

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 windstorms 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.



FB&L: East Approach looking west at Pier 1 and 2

Original Engineers Estimate	\$640,769,000
Bid Price	\$586,561,000
Change Orders to date	\$165,942,672
Current Contract Value	\$752,503,672



Floating bridge area map

AUGUST ACCOMPLISHMENTS

Tacoma/Concrete Technology Corp. (CTC): Crews continued work on Cycle 4 (6th of 6 cycles, the last cycle of pontoons that will be constructed at CTC).

Floating Bridge: Crews continued joining operations for both supplemental and longitudinal pontoons. Crews on the floating bridge continued with high-rise and low-rise columns, cross beams and precast girders. Crews also continued installation of pre-cast roadway deck panels on the floating bridge.

East Approach Bridge: Crews continued to construct westbound span deck reinforcement steel from Pier 2. Crews backfilled Pier 1 footings.

Medina Area: Crews continued to build out maintenance facility walls and floors. Crews also placed shotcrete for wall 3A and sprayed fireproofing at the maintenance facility’s mezzanine level and crew level.

Kenmore: Crews are continuing to build precast deck panels for the low-rise superstructure.

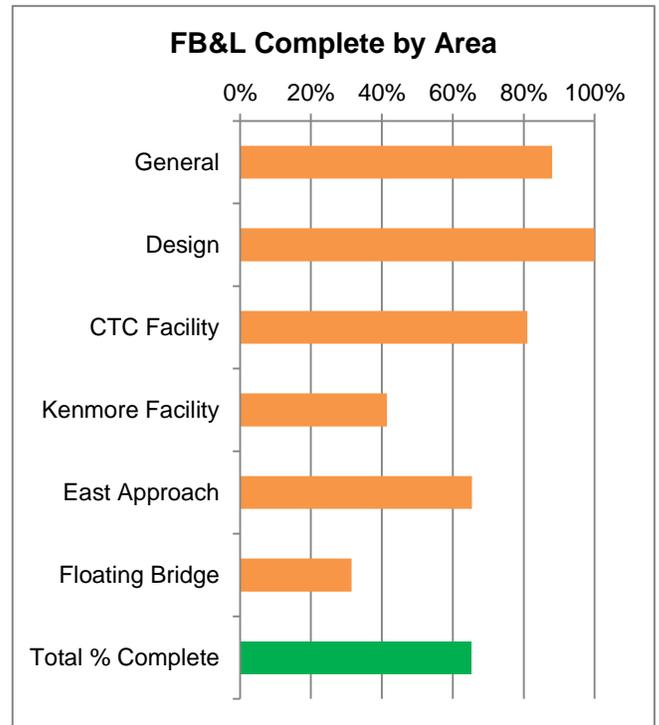
RISK

There have been environmental concerns regarding project use of the Kenmore site. WSDOT is monitoring the situation.

Due to variations in the shape of the pontoon face and alignment of joining bolt holes, joining of pontoons could be more difficult than assumed.

Because of the interface between two contracts (Floating Bridge and Landings, and Eastside Transit and HOV), there are continued concerns with the coordination of the overlapping areas of work in the vicinity of Evergreen Point Road.

The West Approach Bridge North (WABN) was awarded in July 2014 and work is expected to begin by late summer. Coordination will be required between contractors and WSDOT project offices.



FB&L: East Transition span concrete deck pour

AUGUST COSTS

Preliminary engineering is complete. The right of way budget is complete. The total actual cost to date from the contractor is 67 percent of the budget.

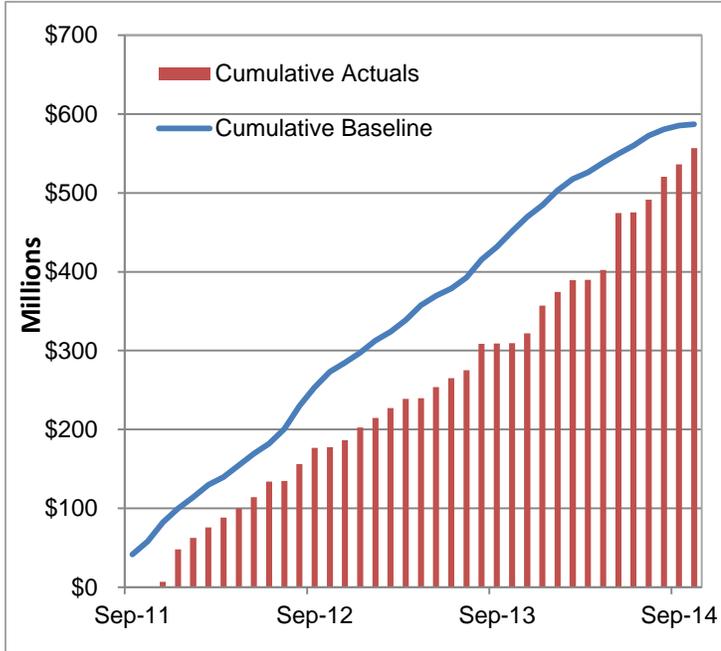
	Current Budget	Actuals to Date	Remaining Budget
Floating Bridge and Landings Construction Project Totals	\$836,217,069	\$570,831,952	\$265,385,117
Preliminary Engineering	\$10,659,063	\$10,659,063	\$0
Right of Way	\$4,893,334	\$3,360,743	\$1,532,591
Construction	\$820,664,672	\$556,812,146	\$263,852,526
<i>Current Contract Value</i>	<i>\$752,503,672</i>	<i>\$507,271,049</i>	<i>\$245,232,623</i>
<i>Agreements</i>	<i>\$35,886,860</i>	<i>\$29,381,663</i>	<i>\$6,505,196</i>
<i>Construction Engineering</i>	<i>\$21,534,140</i>	<i>\$13,451,947</i>	<i>\$8,082,194</i>
<i>State Force Work</i>	<i>\$60,000</i>	<i>\$2,629</i>	<i>\$57,371</i>
<i>State Materials</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
<i>Vendor Supplied Materials</i>	<i>\$10,680,000</i>	<i>\$6,704,857</i>	<i>\$3,975,143</i>

Cost information through Aug. 31, 2014

AUGUST CHANGE ORDER SUMMARY

Ten (10) change orders were executed in August for a total of \$2,813.00. Change orders total \$165,942,672.00 for the FB&L project at the time of this report.

AUGUST PERFORMANCE



The Schedule Performance Index (SPI) is at 0.97 through August 2014.



FB&L: Bent T3 high-rise column pour

SUMMARY SCHEDULE

The contractor's current schedule submittal is showing on-time substantial completion by April 28, 2016, consistent with the revised contract date.

Milestone	Revised 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	4/28/2016	On Time
Physical Completion	2/22/2017	Early

AUGUST QUALITY SUMMARY

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“**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	2158	35	2193	21	2172
	Previous Total	Open	Current Period	Avg. Time Open	
Nonconformance Reports (NCR)	260	61	9	233 days	
Nonconformance Issues (NCI)	552	32	24	113 days	

No major concerns with NCIs for August 2014 were identified.

AUGUST 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.

Design-Builder	Previous Total	Current Period	Project Total
Recordable Incidents	26	0	26
Lost Time Incidents	1	0	1
Contract Days without an Incident	23	31	54

AUGUST 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)	30	2	32
Minor Environmental Event	35	0	35

On 8/5 an ECAP event occurred. During a concrete pour at the maintenance dock, KGM staff noticed a small leak in the forms. Approximately one tablespoon of concrete slurry entered the lake. The pH was measured at 7.9 and turbidity at 1.49 NTUs. All of the appropriate resource agencies were notified.

On 8/19 an ECAP event occurred. A dead fish (perch or sunfish) was found in the joint between pontoons N and NSW. It died presumably from the dewatering process. All of the appropriate resource agencies were notified.

West Connection Bridge

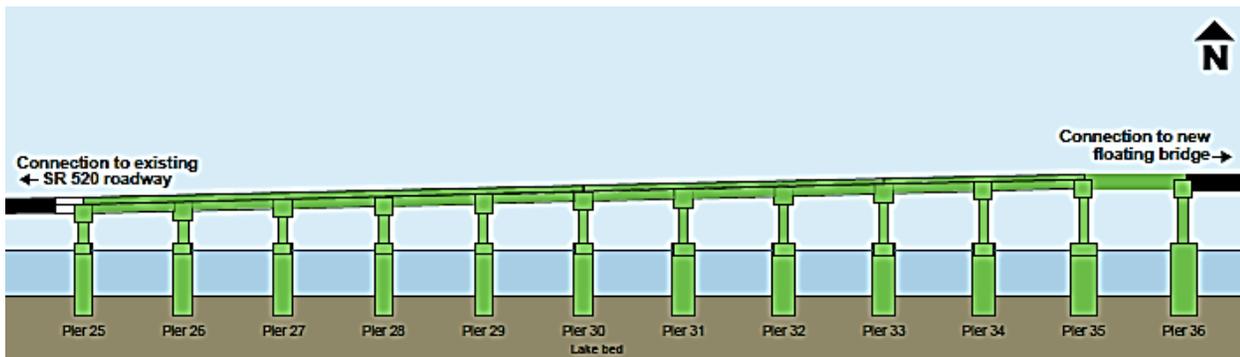
CONSTRUCTION OVERVIEW

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.

Original Engineers Estimate	\$20,639,667
Bid Price	\$22,129,243
Change Orders to date	\$2,624,750
Current Contract Value	\$24,753,993

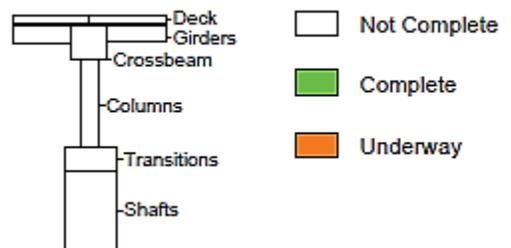


WCB: Intelligent Transportation System work at Span 35



West Connection Bridge progress tracker, as of Aug. 15, 2014

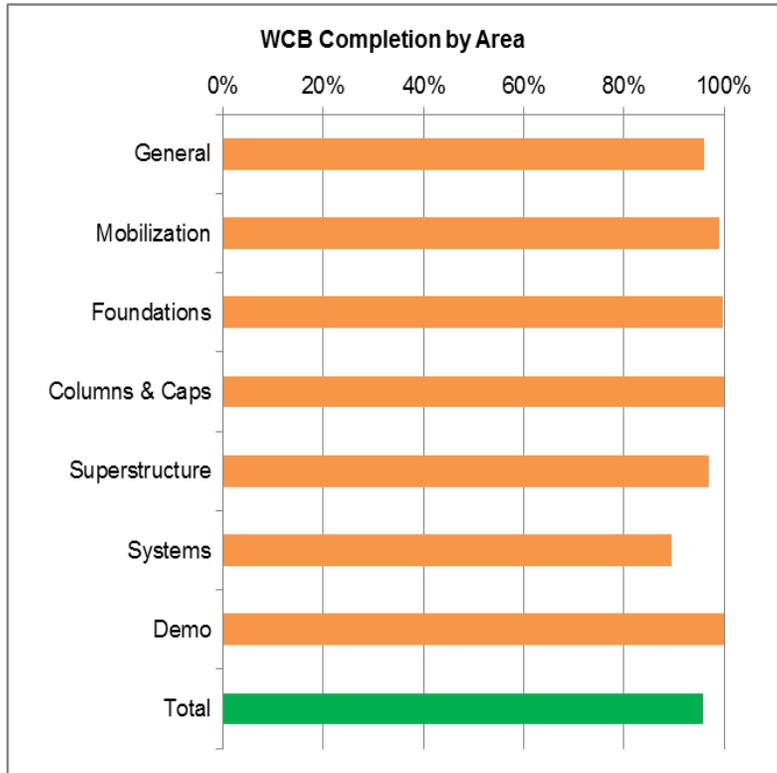
Legend



AUGUST ACCOMPLISHMENTS

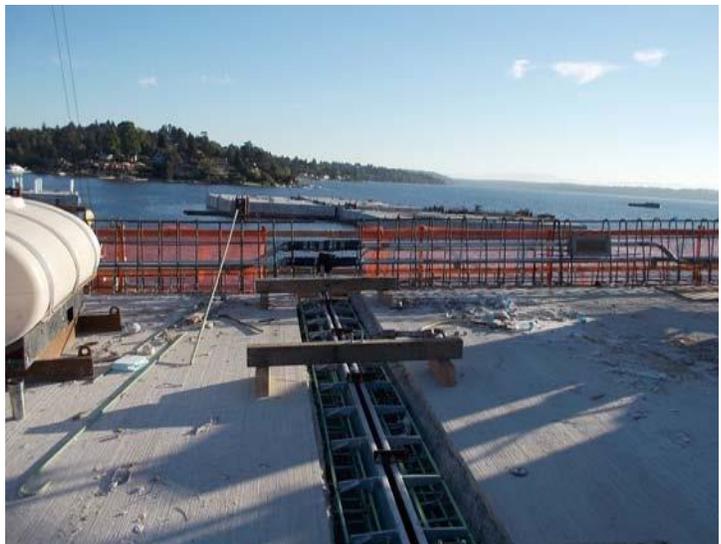
Superstructure: Crews completed spans 25-29, and pigment seal on the bottom of girder spans 31-29.

Electrical: Crews continued installing conduit and wire on the bridge and barrier.



RISK

- Community concerns: property damage



WCB: Expansion joint system

AUGUST COSTS

Preliminary engineering is complete. The total actual cost to date from the contractor is 96 percent of the budget.

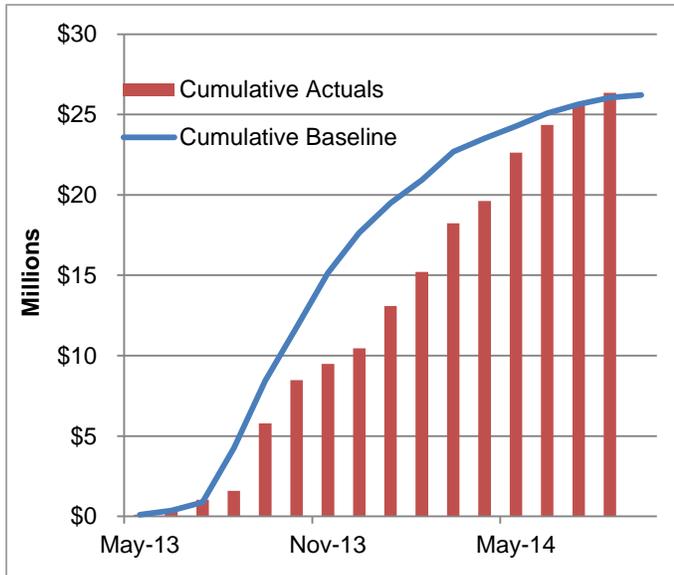
	Current Budget	Actuals to Date	Remaining Budget
West Connection Bridge Project Totals	\$33,505,555	\$28,436,921	\$5,068,634
Preliminary Engineering	\$5,560,002	\$4,823,351	\$736,651
Construction	\$27,945,553	\$23,613,570	\$4,331,983
<i>Current Contract Value</i>	<i>\$24,723,993</i>	<i>\$23,734,737</i>	<i>\$1,019,257</i>
<i>Agreements</i>	<i>\$665,000</i>	<i>\$587,085</i>	<i>\$77,915</i>
<i>Construction Engineering</i>	<i>\$2,556,560</i>	<i>\$1,996,876</i>	<i>\$559,684</i>
<i>State Force Work</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
<i>State Materials</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
<i>Vendor Supplied Materials</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>

Cost information through Aug. 31, 2014

AUGUST CHANGE ORDER SUMMARY

All West Connection Bridge change orders total \$2,624,750.00 at the time of this report. There were no change orders executed in August.

AUGUST PERFORMANCE



WCB: Luminaire installation

SUMMARY SCHEDULE

The latest contractor schedule submitted in July shows project physical completion in alignment with the contractually defined milestones.

Milestone	Contract Date	Actual/Trend
First Charged Working Day	6/17/2014	6/17/2014
Pier 36 - Area 1A & 1B Available To M-A	11/16/2014	11/16/2014
Pier 36 - Area 1B All Work Complete	5/14/2014	5/10/14
Pier 36 - Area 1B Turnover to FB&L	5/15/2014	5/15/14
Pier 36 - Area 1A All Work Complete	7/31/2014	7/31/14
Pier 36 - Area 1A Turnover to FB&L	8/1/2014	8/1/14
End of Contract Working Days	8/11/2014	Late
Physical Completion	8/29/2014	Late

AUGUST 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.

Design-Builder	Previous Total	Current Period	Project Total
Recordable Incidents	13	0	13
Lost Time Incidents	0	0	0
Contract Days without an Incident	14	31	45

There were no recordable incidents in August 2014.

AUGUST ENVIRONMENTAL SUMMARY

	Previous Total	Current Period	Project Total
Noncompliance Event (ECAP)	13	0	13
Minor Environmental Event	0	0	0

There were no environmental issues in August 2014.

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
K-G	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 is a performance index which equals
SSP	Supplemental 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

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