



STATE ROUTE 520

CONSTRUCTION PROGRESS REPORT JULY 2014



Aberdeen: Upper bolt beam soffit forms



Floating Bridge and Landings: Column pour



West Connection Bridge: Span 35 safety deck removal



Eastside: Eastbound platform at 92nd Avenue Northeast transit stop (looking west)

DATE PUBLISHED: SEPT. 24, 2014





Aberdeen: Pontoon L moisture cure on top deck pour



Floating Bridge and Landings: Auxiliary pontoon joining

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).....22

Glossary of Terms.....27

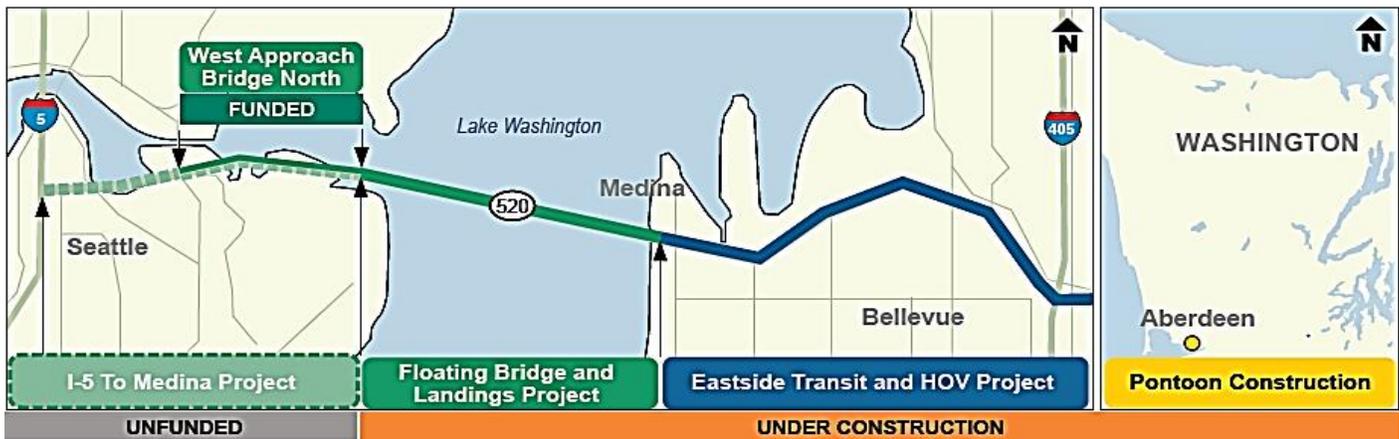
Executive Summary

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.



Floating Bridge and Landings: Column pre-pour



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.

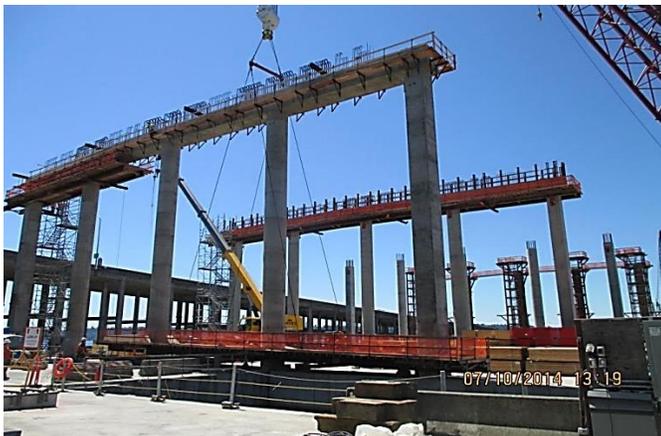
PROGRAM STATUS

Pontoon Construction Project: For pontoons I and J, crews completed forms and continued concrete pours on exterior walls and top decks. Crews also set the forms for the upper anchor gallery and started setting forms for the top deck on pontoons GNW and GSW.

Eastside Transit and HOV: At 84th Avenue Northeast, crews continued lid finishes and construction of noise walls on the north side of SR520. At 92nd Avenue Northeast, crews continued waterproofing and paving the lid and opened the transit station to buses on July 14. At Bellevue Way and 108th Avenue Northeast, crews finalized construction of noise wall 9A along the eastbound off ramp.

Floating Bridge and Landings (FB&L): On Lake Washington, crews continued to join supplemental pontoons, poured concrete and installed falsework for pontoons P, Q and V. At the Concrete Technology Corp. (CTC) site in Tacoma, crews placed concrete in the keel slabs of pontoons 2C, 2D, 2F and placed formwork for wall 1 pours.

West Connection Bridge (WCB): Crews completed the bridge deck strip at span 32 and completed barrier rebar and pour at spans 30-35. Intelligent Transportation System (ITS) conduit was also installed on spans 32-33.



FB&L: Lowering falsework

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.
- Inflationary 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.

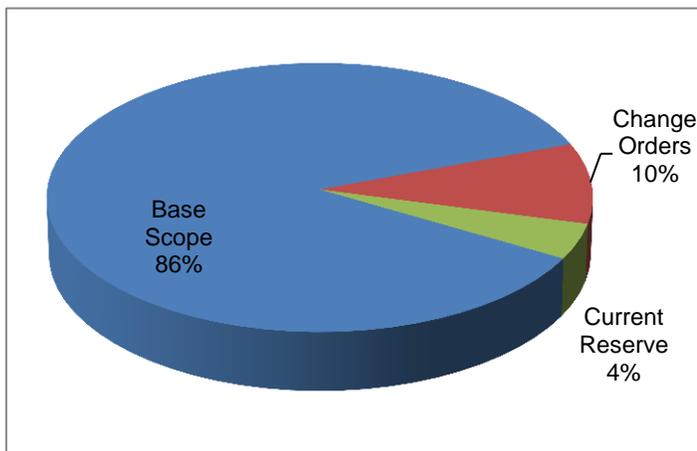
UPCOMING MILESTONES

- Pontoons: Crews will continue work on Cycle 5 of 6. They will finish forms, rebar and pour top decks. For pontoons GNW and GSW, crews will complete stripping of the upper gallery and start setting forms for the top deck.
- Eastside Transit and HOV: At Evergreen Point Road and Fairweather Bay, crews will continue work on lid finishes and finalize construction of noise wall 5C on the south side of SR 520. At 92nd Avenue Northeast, crews will finish a variety of items before the opening of the transit station. At the Bellevue Way area, work will continue on noise wall construction, landscaping and waterproofing of the Bellevue Way Bridge.
- Floating Bridge and Landings: At CTC, crews will complete concrete placement in the keel slab of pontoons 2B, 2E and in the ribs of pontoons 2A, 2B, 2E and 2G. At Medina, crews will continue work on the transition span and maintenance facility. On Lake Washington, crews will continue work on pontoons O and P, preparing for post tensioning installation and joining pontoons R to S.
- WCB: Goals for August include completing the bridge deck cure, completing the soffit strip, installing Intelligent Transportation System (ITS) conduit and barrier conduit, completing barrier rebar, and pouring concrete barrier for spans 30-35.

Total Program

	Total Budget	Actuals to Date	Remaining
SR 520 Program Totals	\$4,297,907,053	\$1,880,962,901	\$2,416,944,152
Funded Program	\$2,893,907,053	\$1,880,962,901	\$1,012,944,152
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	\$1,750,815,314	\$484,436,030
TRANSPORTATION PARTNERSHIP ACCOUNT (TPA)	\$525,891,000	\$366,760,277	\$159,130,723
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	\$756,332,596	\$167,817,404
SR 520 TRIPLE BACKED BOND SECOND SALE	\$111,031,674	\$0	\$111,031,674
SR 520 TRIPLE BACKED BONDS	\$70,329,000	\$23,872,771	\$46,456,229
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
July Change Orders	(\$219,348)
Previous Change Orders	(\$280,820,097.00)
Current Reserve*	\$122,460,555

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

Pontoon Construction Project

ABERDEEN PONTOONS OVERVIEW

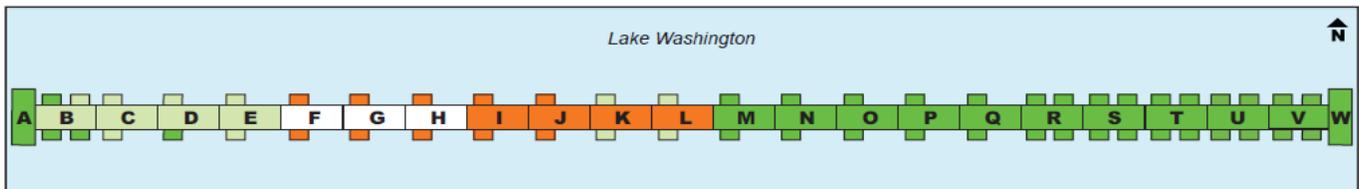
The Washington State Department of Transportation is continuing pontoon construction to replace the aging and vulnerable SR 520 floating bridge on Lake Washington. The Pontoon Construction Project broke ground in July 2011 at a 55-acre site in Aberdeen. As part of this project, contractor Kiewit-General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

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, 7/31/14

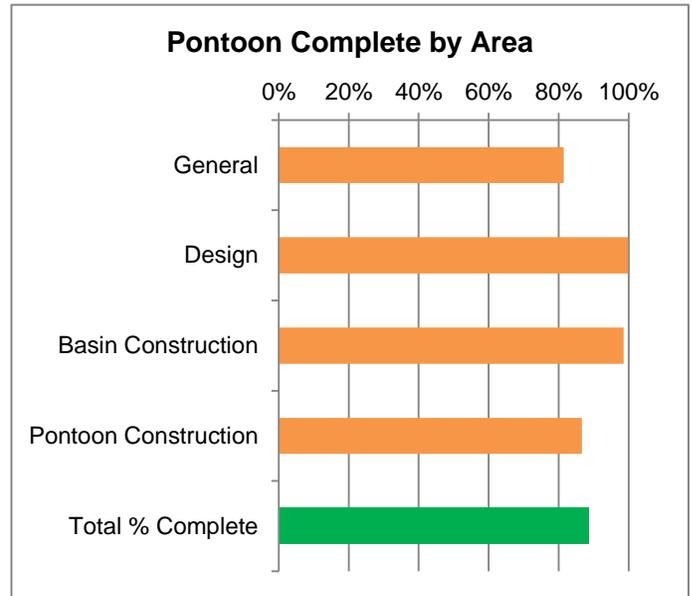


Note: not to scale

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

JULY ACCOMPLISHMENTS

Crews completed rebar and poured top slabs for pontoons in Cycle 5 of 6. Crews continued forming exterior walls and top decks for pontoons.



RISK

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



Aberdeen: Preparing construction joint

JULY 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.

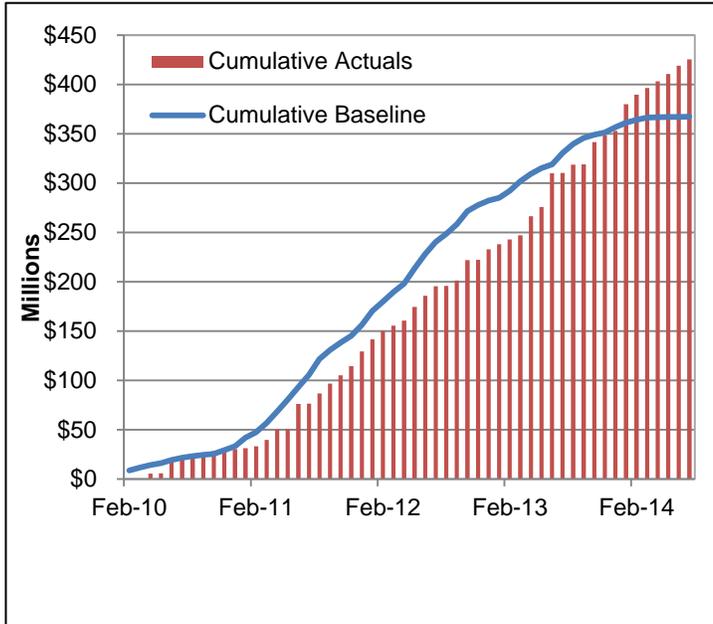
	Current Budget	Actuals to Date	Remaining Budget
Pontoon Construction Project Totals	\$511,604,014	\$463,436,849	\$48,167,164
Preliminary Engineering	\$32,568,750	\$32,568,750	\$0
Right of Way	\$5,789,554	\$5,611,771	\$177,783
Construction	\$473,245,710	\$425,256,328	\$47,989,381
<i>Current Contract Value</i>	<i>\$449,185,340</i>	<i>\$408,195,364</i>	<i>\$40,989,976</i>
<i>Agreements</i>	<i>\$9,380,478</i>	<i>\$7,785,720</i>	<i>\$1,594,759</i>
<i>Construction Engineering</i>	<i>\$14,679,891</i>	<i>\$9,275,245</i>	<i>\$5,404,646</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 July 31, 2014

JULY 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.

JULY PERFORMANCE



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.

Aberdeen: Concrete pumps and cranes

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

JULY 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	1133	26	1159	0	1159

	Previous Total	Open	Current Period	Avg. Time Open
Nonconformance Reports (NCR)	712	25	18	220 days
Nonconformance Issues (NCI)	157	5	2	99 days

No major concerns with NCIs for July 2014 were identified.

JULY 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	1	0	1
Contract Days without an Incident	147	9	9

On 7/23 an employee injured her finger with a hammer. This was a recordable incident.

JULY 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)	39	2	41
Minor Environmental Event	27	0	27

On 7/1 an ECAP event occurred. During a mock-up demo, approximately 25 gallons of process water was spilled and flowed to the storm drain. K-G informed the Department of Ecology and will write an ECAP incident report for WSDOT.

On 7/16 an ECAP event occurred. K-G was cited by the Department of Ecology for several violations including unlabeled hazardous waste and accumulating hazardous waste on site longer than 90 days. The report included a “Notice to Comply” within 30 days. K-G will prepare a written ECAP incident report.

Eastside Transit and HOV

EASTSIDE OVERVIEW

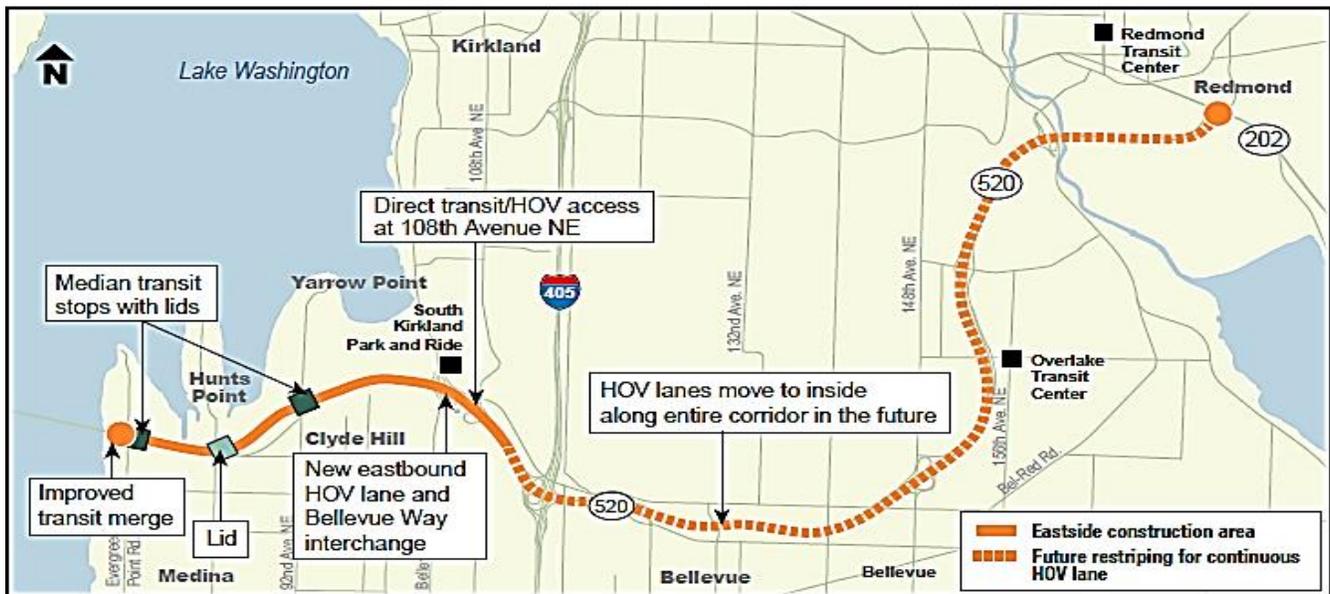
The Eastside Transit and HOV Project will complete and improve the 2.5-mile HOV system from Evergreen Point Road to the I-405 interchange. The improved six-lane corridor will include two general-purpose lanes and one transit/HOV lane in each direction, as well as two new transit station facilities, three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



92nd Avenue Northeast lid's plaza area (facing south)

Eastside Project Area Map



JULY ACCOMPLISHMENTS

Evergreen Point Road: Crews continued lid finishes, connections to Fairweather Park, and work on noise wall 5C.

84th Avenue Northeast: Crews continued work on lid, terminal column and noise walls. Crews also worked on grading the eastbound off-ramp at 84th Avenue.

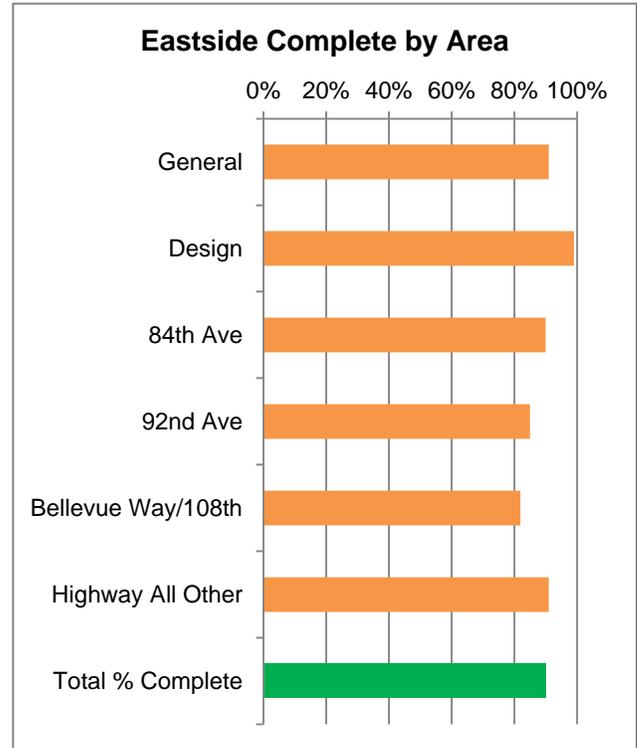
92nd Avenue Northeast: Crews continued working on lid finishes and wall 4B-24 repair work. Crews constructed walls on the north side of SR 520 and opened the transit facility to buses on July 14.

Bellevue Way: Crews completed installing the underdrain and liner at pond E3 and started landscaping. Construction of noise walls along the eastbound off-ramp to Bellevue Way continued.

108th Avenue Northeast: Crews installed drainage, curb and gutter along 108th and Northup Way intersection. Crews turned on traffic signals at 112th Avenue Northeast.

JULY RISK

WSDOT is working with ECC to negotiate a settlement to resolve the 4B-24 geotech design claim. The settlement will evaluate the time and cost impact.



108th Avenue Northeast: Direct-access ramp with westbound bus (facing east)

JULY 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.

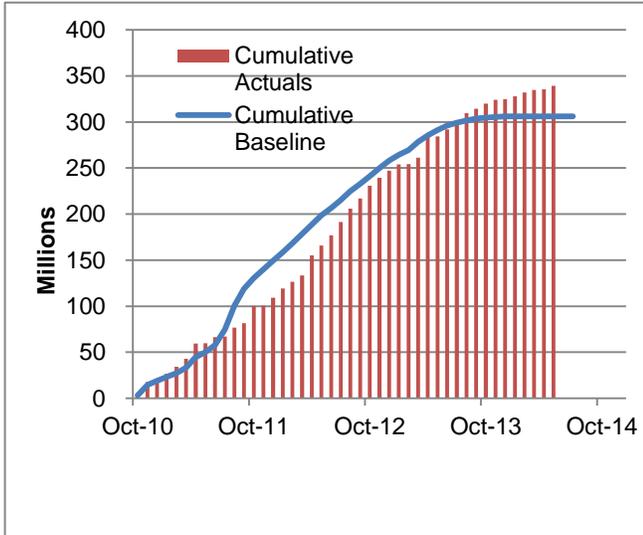
	Current Budget	Actuals to Date	Remaining Budget
Eastside Construction Project Totals	\$428,232,846	\$398,116,556	\$30,116,290
Preliminary Engineering	\$31,694,510	\$31,694,510	\$0
Right of Way	\$31,879,512	\$27,180,846	\$4,698,666
Construction	\$364,658,824	\$339,241,200	\$25,417,623.83
<i>Current Contract Value</i>	<i>\$336,644,150</i>	<i>\$314,779,222</i>	<i>\$21,864,927</i>
<i>Agreements</i>	<i>\$12,268,687</i>	<i>\$9,913,214</i>	<i>\$2,355,473</i>
<i>Construction Engineering</i>	<i>\$13,337,275</i>	<i>\$12,164,731</i>	<i>\$1,172,544</i>
<i>State Force Work</i>	<i>\$372,626</i>	<i>\$353,446</i>	<i>\$19,180</i>
<i>State Materials</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>
<i>Vendor Supplied Materials</i>	<i>\$2,036,087</i>	<i>\$2,030,587</i>	<i>\$5,500</i>

Cost information through July 31, 2014

JULY CHANGE ORDER SUMMARY

All Eastside executed change orders total \$30,366,150.00 at the time of this report.

JULY PERFORMANCE



92nd Avenue Northeast transit stop – (facing east)

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.

SUMMARY SCHEDULE

The current contractor schedule estimates construction completion in fall 2014. This completion forecasted 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

JULY 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	2993	23	3016	53	2963

	Previous Total	Open	Current Period	Avg. Time Open
Nonconformance Reports (NCR)	557	70	7	149 days
Nonconformance Issues (NCI)	298	53	4	324 days

No major concerns with NCIs for July 2014 were identified.

JULY 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	0	12
Lost Time Incidents	0	0	0
Contract Days without an Incident	142	31	173

No safety incidents occurred in July 2014.

JULY 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)	68	1	69
Minor Environmental Event	212	0	212

On 7/29 an ECAP event occurred. One (1) fish was killed during fish exclusion activities at culvert F. The proper agencies were notified.

Floating Bridge and Landings Construction Project

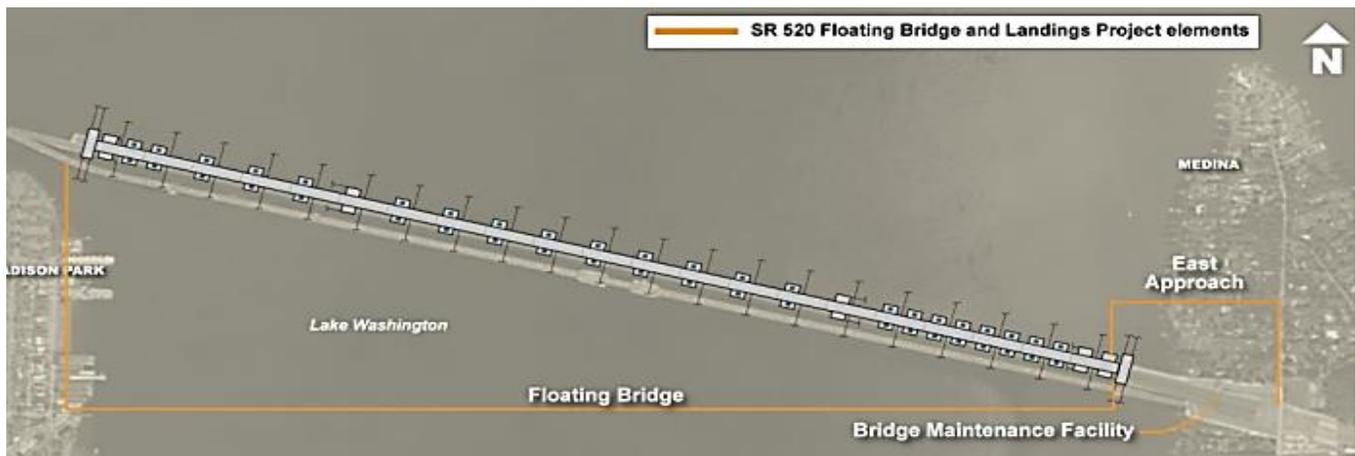
FLOATING BRIDGE AND LANDINGS

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: Precast girders on Pontoon V

Original Engineers Estimate	\$640,769,000
Bid Price	\$586,561,000
Change Orders to date	\$165,939,859
Current Contract Value	\$752,500,859



Floating bridge area map

JULY 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 columns, cross beams and precast girders.

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

Medina Area: Crews continued to build out maintenance facility wall and floors and continued work on the maintenance facility access road from Evergreen Point Road. Crews continued to build out the tolling systems infrastructure.

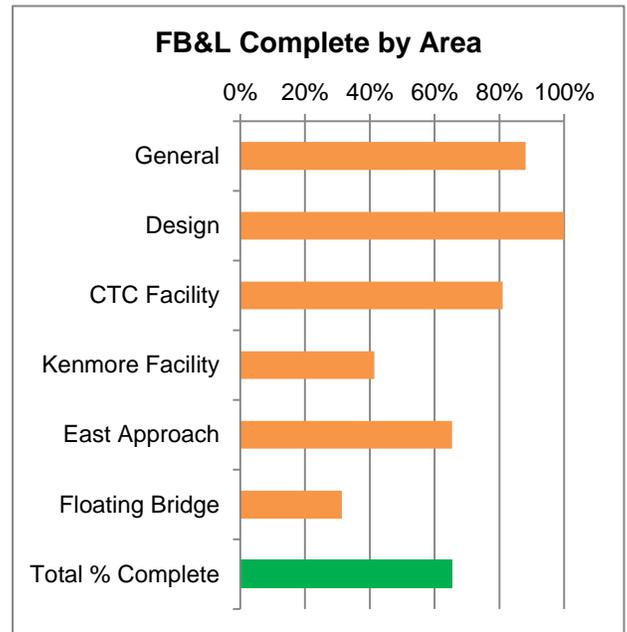
Kenmore: Crews are continuing to build precast deck panels for the low-rise superstructure.

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.



FB&L: Medina worksite

JULY COSTS

Preliminary engineering is complete. The right of way budget is complete. The total actual cost to date from the contractor is 64 percent of the budget.

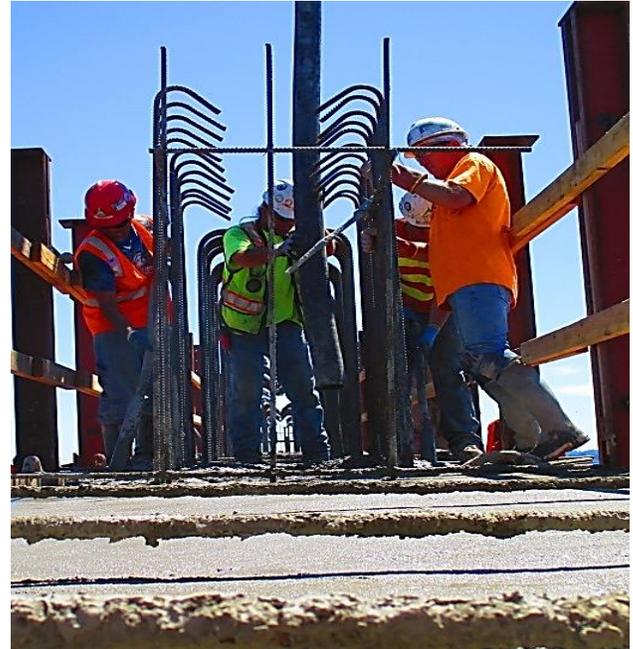
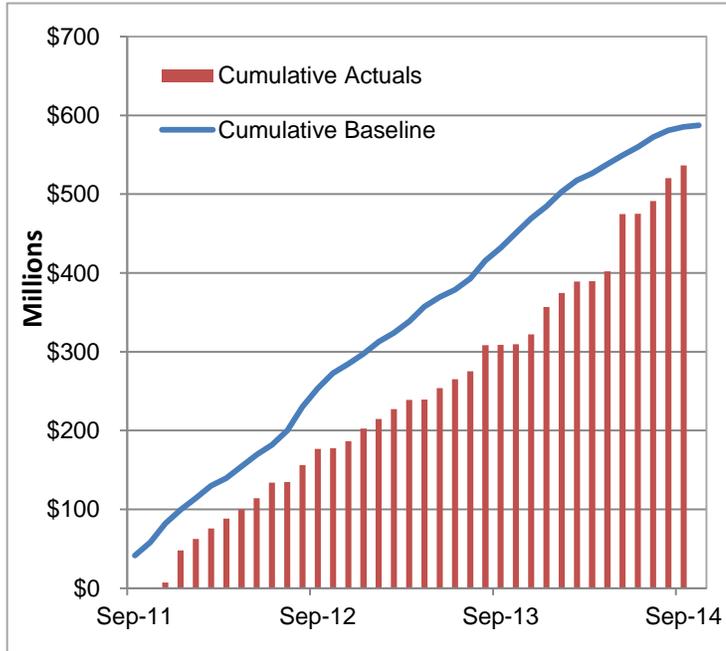
	Current Budget	Actuals to Date	Remaining Budget
Floating Bridge and Landings Construction Project Totals	\$836,214,256	\$534,444,412	\$301,769,844
Preliminary Engineering	\$10,659,063	\$10,659,063	\$0
Right of Way	\$4,893,334	\$3,360,743	\$1,532,591
Construction	\$820,661,859	\$520,424,606	\$300,237,253
<i>Current Contract Value</i>	<i>\$752,500,859</i>	<i>\$472,177,976</i>	<i>\$280,322,883</i>
<i>Agreements</i>	<i>\$36,028,311</i>	<i>\$28,831,927</i>	<i>\$7,196,384</i>
<i>Construction Engineering</i>	<i>\$21,392,689</i>	<i>\$12,706,868</i>	<i>\$8,685,821</i>
<i>State Force Work</i>	<i>\$60,000</i>	<i>\$2,979</i>	<i>\$57,022</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 July 31, 2014

JULY CHANGE ORDER SUMMARY

Three (3) change orders were executed in July for a total of \$189,348.00. Change orders total \$165,939,859.00 for the FB&L project at the time of this report.

JULY PERFORMANCE



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

FB&L: Pontoon V crossbeam 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	8/23/2014
Substantial Completion	4/28/2016	On Time
Physical Completion	2/22/2017	Early

JULY QUALITY SUMMARY

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“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	2017	141	2158	13	2145
	Previous Total	Open	Current Period	Avg. Time Open	
Nonconformance Reports (NCR)	249	50	11	253 days	
Nonconformance Issues (NCI)	528	18	24	161 days	

No major concerns with NCIs for July 2014 were identified.

JULY 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	25	1	26
Lost Time Incidents	1	0	1
Contract Days without an Incident	44	23	23

On 7/08/14 a grout hose became disconnected, spraying grout in a worker’s face. Grout was flushed from the worker’s eyes on site. The worker was checked by a doctor and received prescription eye drops.

JULY 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)	29	1	30
Minor Environmental Event	34	0	34

On 7/18 an ECAP event occurred. The fitting on a piece of equipment being used to remove a towing-pad eye broke. This resulted in 1 to 2 teaspoons of vegetable-based hydraulic fluid discharging into Lake Washington. All of the fluid was recovered using booms and the resource agencies were notified.

West Connection Bridge

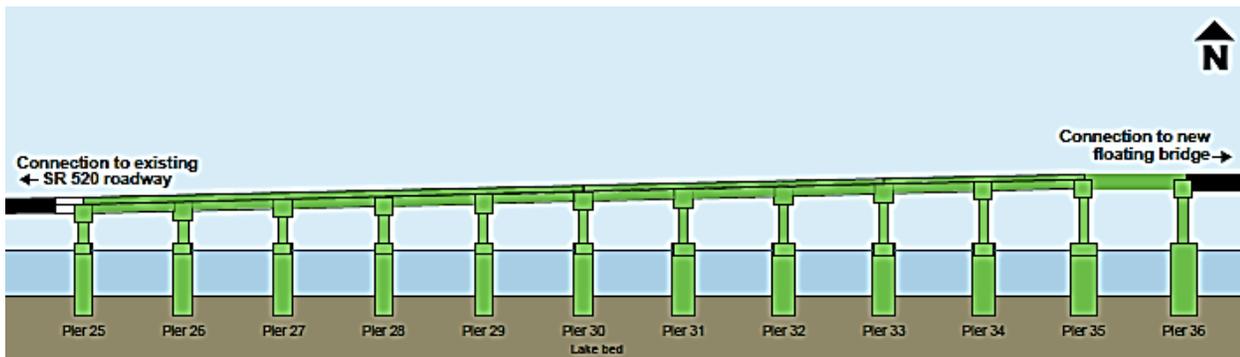
CONSTRUCTION OVERVIEW

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.



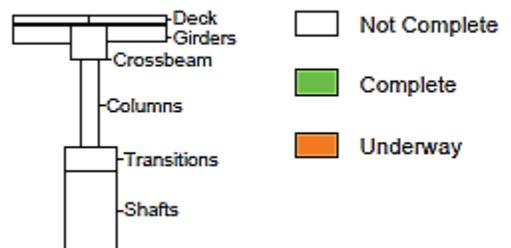
WCB: Bridge construction viewed from the air, looking southwest

Original Engineers Estimate	\$20,639,667
Bid Price	\$22,129,243
Change Orders to date	\$2,594,750
Current Contract Value	\$24,723,993



West Connection Bridge progress tracker, as of July 15, 2014

Legend

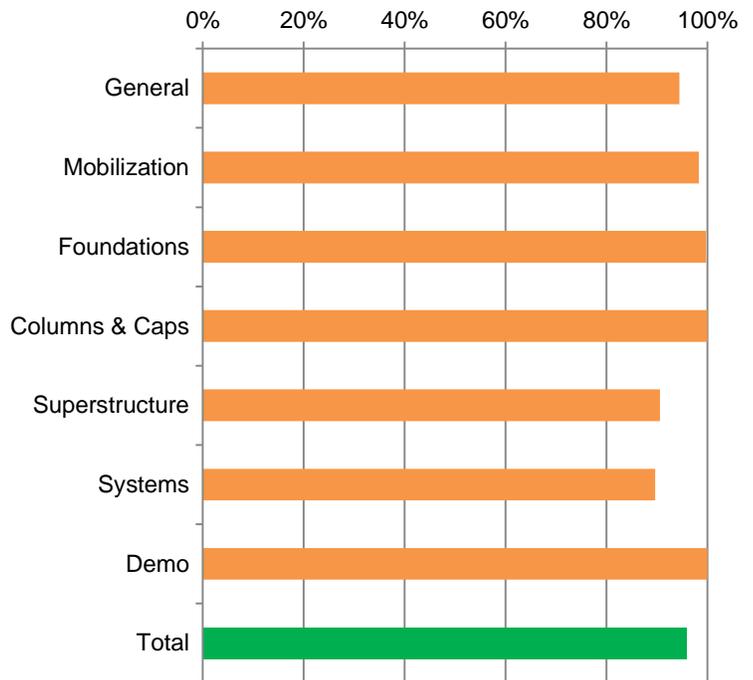


JULY ACCOMPLISHMENTS

Superstructure: Crews poured bridge deck closure pours for spans 25-29, began forming barrier at all spans, and began expansion joint installation.

Electrical: Crews started installing conduit/wire on bridge and barrier.

WCB Completion by Area



RISK

- Pier 36 west-end transition turnover
- Community concerns: noise, property damage
- Existing SR 520 weekend closure coordination



WCB: Bridge deck concrete pour

JULY COSTS

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

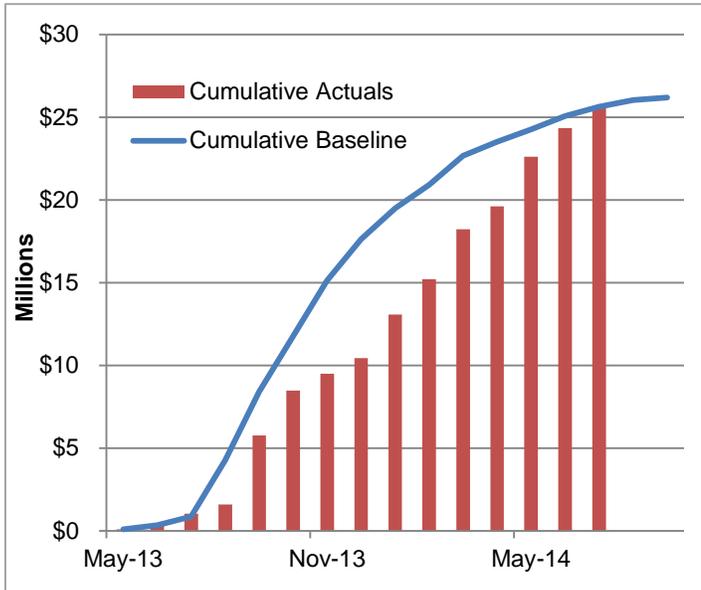
	Current Budget	Actuals to Date	Remaining Budget
West Connection Bridge Project Totals	\$33,505,555	\$28,436,921	\$5,068,634
Preliminary Engineering	\$5,560,002	\$4,823,351	\$736,651
Construction	\$27,945,553	\$23,613,570	\$4,331,983
<i>Current Contract Value</i>	<i>\$24,723,993</i>	<i>\$21,985,683</i>	<i>\$2,738,311</i>
<i>Agreements</i>	<i>\$665,000</i>	<i>\$523,010</i>	<i>\$141,990</i>
<i>Construction Engineering</i>	<i>\$2,556,560</i>	<i>\$1,104,877</i>	<i>\$1,451,683</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 July 31, 2014

JULY CHANGE ORDER SUMMARY

Two (2) change orders were executed in July at a cost of \$30,000.00. All West Connection Bridge change orders total \$2,624,750.00 at the time of this report.

JULY PERFORMANCE



WCB: Temporary west navigation channel

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	Late
Pier 36 - Area 1A Turnover to FB&L	8/1/2014	Late
End of Contract Working Days	9/15/2014	On-Time
Physical Completion	9/15/2014	On-Time

JULY 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	10	3	13
Lost Time Incidents	0	0	0
Contract Days without an Incident	27	14	14

There were three minor safety incidents this month; none resulted in lost time.

JULY 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 July 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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