

# Flt Bridge and Landings - Weekly Data

March 29, 2013

## SCHEDULE

Description	Contract Baseline	Current / Actual	Difference in Days
CTC Cycle 1	April-12	July-12	0
CTC Cycle 1a	July-12	February-13	-195
CTC Cycle 2	November-12	July-13	-236
CTC Cycle 2a	March-13	December-13	-275
CTC Cycle 3	June-13	April-14	-301
CTC Cycle 4	September-13	April-14	-208
Substantial Completion	December-14	September-15	-286
Physical Completion	July-15	May-16	-293
<i>Completion Dates</i>			

Time Analysis	Contract Days	Added Days	Days Elapsed	Elapsed %
Substantial Completion	1978	0	575	29%
Physical Completion	300	0	0	0%
Completion	90	0	0	0%

### Potential Schedule Impacts This Period

- Pontoon joining still on hold.
- Anchor proof testing on hold due to technical problems with the testing equipment. Testing on hold.
- The drilling for the placement of toll gantry shaft rescheduled for April 2nd
- EAB Pier 2 top deck postponed until next week
- Slow progress on maintenance dock due to rebar issues.

### See Weekly Look Ahead Schedule

## COST

### Emerging Issues Identified This Period (No Cost and Time Information)

DeMob of Equipment for Potnoon A from W due to delay
Demobe of equipment from Pontoon W to allow for repairs
Demobe of box column closure forms to supplier rather than to Pnt A
Standby for diving equipment
Grays Harbor Moorage Site - differing results from Glostin and Elliot Bay

### New Potential Change Issues This Period (ROM Cost and Time)

PCO #	Cost	Time	Region Approval
186B Column Form Rental escalation for delayed poontoon A	\$30,000.00		

### New Pending Changes This Period (Contractor Submitted Costs)

PCO #	Cost	Time	Region Approval
None this week			

### Force Account (Updated Monthly)

CO #	Contract Value	Amount Paid
58 Underwater Dive Inspection and Crack Mapping	\$ 500,000.00	\$738,002.00

### Change Orders Executed This Period

CO #	Cost	Time
26 10-Day Cure of Gravity Anchor Concrete	\$0.00	0
31 Clear Zones for Future HCT Track Connections	\$0.00	0
69 Grade 80 Reinforcing Steel	\$0.00	0
70 Ground Fault Current Interrupting (GFCI) Protection	\$0.00	0

### Work Agreements Authorized This Period

WA #
None this week

	Number	Dollar Value	Schedule Impact
<b>Original Contract Value</b>		\$ 586,561,000.00	
<b>Executed Change Orders</b>	47	\$ 20,493,229.00	0
<b>Current Contract Value</b>		\$ 607,054,229.00	
<b>Payments to Date: (for work completed thru January 2013)</b>		\$ 215,416,074.26	35%
<b>Pending Changes</b>	100	\$ 22,729,430.00	0
<b>Potential Change Issues</b>	85	\$ 105,225,000.00	0

See Change Management Log

**OUTSTANDING ISSUES AND AREAS OF CONCERN**



## SR 520 Bridge Replacement and HOV Program

I-5 to Medina: Stage 1 Evergreen Point Floating Bridge and Landings

### Weekly Construction Report

Project Director:	Julie Meredith	Week Ending:	4/5/2013
Construction Manager:	Dave Becher	Project:	8066/U52004B
Business Manager:	Julia Mizuhata	Project Budget:	\$607.1m
Design-Builder:	Kiewit/General/Manson (KGM)	Project Cost to Date:	\$215.4M

#### PROGRESS SUMMARY

##### THIS WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### CTC (Cycle 2 / 3rd of 6 cycles)

- Placed concrete in pontoon 5B keel slab
- Continue to form rib beams, walls, place rebar top and bottom mats, inserts and wall near and far face curtains

##### Port of Tacoma / EB1

- Dry finished and waterproofing soffit, top deck of Pontoon 5B/5F/5D
- Scan and Document S1-H4 Pontoon T

##### City of Medina

##### East Approach

- Finished placing rebar, placed concrete for footing and began curing concrete footing at Pier 1
- Adjusted deck forms, rebar and profile top deck Post Tensioning for south pier table Pier 2
- Placed and graded pier table falsework and place transition stem forms for north pier table at Pier 2
- Placed top deck forms and began placing top deck rebar at Pier 3

##### Bridge Maintenance Facility & Dock

- Placed shotcrete at Retaining Wall 5

##### Lake Washington

- Resume Fluke Anchor proof testing of UN/US and TN/TS
- Demobilize anchor rocking equipment
- Prep for the pontoon V to Pontoon U mockup

##### Kenmore Site

- Assembled formwork on bridge deck panel facility

##### NEXT 2 WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### CTC (Cycle 2 / 3rd of 6 cycles)

- Place concrete in pontoons 5D/2E/2G/2H keel slab and pour concrete in Pontoon 5A/5B/5C/2F walls part 1
- Continue to form rib beams, walls, place rebar top and bottom mats, inserts and wall near and far face curtains

##### Port of Tacoma / EB1

- Install branch rack Pontoon T
- Dry finished and waterproofing soffit, top deck of Pontoon 5E/5B/5D/5F

##### City of Medina

##### East Approach

- Cure footing concrete, install tower crane dry cell and erect tower crane for Pier 1 footing
- Place top deck concrete, place concrete for overhead sign base and strip top deck false work for south pier table Pier 2
- Begin placement of bottom deck rebar for north pier table at Pier 2
- Place top deck rebar, place top deck post tensioning and place concrete for top deck for south end span at Pier 3

##### Bridge Maintenance Facility & Dock

- Place shotcrete at Walls 5 & 6, place reinforcement at Wall 6 (south half) and place forms at Wall 7

##### Lake Washington

- Resume Fluke Anchor proof testing of JN/JS, IN/IS, GN/GS, FN/FS, EN/ES, SN/SS, RN/RS, PN/PS, ON/OS and NN/NS
- Prep for the Pontoon V to Pontoon U mockup
- Install walkway to northern pontoon staging area

##### Kenmore Site

- Continue assembling formwork on bridge deck panel facility

**SAFETY**

WSDOT / KGM	Previous Total	Current Week	Project Total
Reportable Incidents	1/11	0/0	1/11
Lost Time Incidents	1/1	0/0	1/1
Contract Days without an Incident			358/24

- CTC Carpenter adjusting guard on skill saw, cut finger. First Aid

**ENVIRONMENTAL**

	Previous Total	Current Week	Project Total
Non-Compliance Event	14	0	14
Minor Environmental Event	22	0	22

- 4/2 - KGM provided an interim plan for releasing birds that become trapped in the drainage wells of the pontoons
- 4/3 - WSDOT met with KGM to discuss the underwater noise monitoring report and next steps before sending to the Services
- Adding quarry spalls at the base of Wall E was postponed. It may require a permit mod from the Corps. and DOE

**QUALITY**

	Previous Total	Current Week	Project Total	Open	Closed
Audits - Planned vs Actual	629	4-5	634	35	599

	Previous Total	Open	Current Week	Avg. Time Open
Non-Compliance Reports (NCR)	120	39	3	94
Non-Compliance Incidents (NCI)	234*	43	1	114

\*Correction to last wks total

**NCI's were issued for the following reasons:**

- A certificate of compliance didn't include the Contracting Agency Contract Number.

**NCR's were issued for the following reasons:**

- To close a paper loop on RFI #315
- To cover placing lap splices over gouged rebar in Pontoons 5A & 5C
- To cover the fact that when changes were made to shop drawings for pontoon construction the changes were not communicated to the field in a timely manner to be able to incorporate the changes into the new construction

**See NCI/NCR Log****PUBLIC OUTREACH / COMMUNICATION**

- Reviewed Responses to neighbors in Medina regarding follow up to the viewpoint trail letter and coordinating meeting with City of Medina City Council regarding design of the viewpoint trail.
- Continued coordinating with multiple agencies about Kenmore construction activities and inquiries
- Photographed Pier 1 footing pour and updated project website
- Continued planning for Opening Day of Boating Season; continued coordination with USCG and boating community
- Continued drafting Spring newsletter planned for distribution in late April

**SENT / RECEIVED - SERIAL LETTERS FOR WEEK**

Serial	Topic	TO	FROM
333	KGM Letter #354 Continued Impacts to V-W Joining Delay - Associated Underwater Services	KGM	WSDOT
334	KGM SL 0226 - VSW-V Reference Geometry - Submittal 273	KGM	WSDOT
335	KGM Serial Letter 0329 - PFS Additional Drilling	KGM	WSDOT
336	PFS Cycle 2 Availability Update	KGM	WSDOT
337	CO No. 077 2012 Late Sockeye Fishing Notification	KGM	WSDOT
338	CO No. 087 - Pontoon Joining Mockup U-V	KGM	WSDOT
339	Section 2.34 Commissioning	KGM	WSDOT
340	KGM Serial Letter 0359 Installing Interior Plugs in Aberdeen	KGM	WSDOT
343	Removal of Cedar Tree on Evergreen Point Road	WSDOT	KGM
358	Notification of Mock-up Commencement	WSDOT	KGM
359	Installing Interior Plugs in Aberdeen	WSDOT	KGM
360	Elimination of Plastic Chair Use	WSDOT	KGM
362	Follow up to KGM Letter 0346 Supplemental Documentation	WSDOT	KGM

**See PW Letter Log or Centric****RFIs**

	Project Total	Avg. Time Open*	Current week	Total Open
RFIs	581	14	3	5

**See Centric RFI Log**

\* Avg time after all required info from DB provided in order to be able to provide a response

PICTURES



Pontoon W - Lake Washington



Pier 1 Footing Pour- East Approach



Bridge Maintenance Dock Pile Caps - Medina



Retaining Wall 5 and 6 - Bridge Maintenance Facility



Assemble Formwork Bridge Deck Panel Facility - Kenmore



Column insert in Cycle 2 Pontoon - CTC

# Flt Bridge and Landings - Weekly Data

April 5, 2013

## SCHEDULE

Description	Contract Baseline	Current / Actual	Difference in Days
CTC Cycle 1	April 6, 2012	July 29, 2012	-114
CTC Cycle 1a	July 24, 2012	February 4, 2013	-195
CTC Cycle 2	November 10, 2012	July 4, 2013	-236
CTC Cycle 2a	March 2, 2013	December 2, 2013	-275
CTC Cycle 3	June 13, 2013	April 10, 2014	-301
CTC Cycle 4	September 20, 2013	April 12, 2014	-204
Substantial Completion	December 5, 2014	September 17, 2015	-286
Physical Completion	July 30, 2015	May 18, 2016	-293
<i>Completion Dates</i>			

Time Analysis	Contract Days	Added Days	Days Elapsed	Elapsed %
Substantial Completion	1978	0	582	29%
Physical Completion	300	0	0	0%
Completion	90	0	0	0%

### Potential Schedule Impacts This Period

- Pontoon joining still on hold.
- Anchor proof testing was on hold due to technical problems with the testing equipment. System re-engineered and testing has resumed
- The drilling for the placement of toll gantry shaft rescheduled. Crews encountered ground water. Now scheduled for April 11th / 12th
- EAB Pier 2 top deck postponed until April 8th. Crews encountered issues with deck elevations

### See Weekly Look Ahead Schedule

## COST

### Emerging Issues Identified This Period (No Cost and Time Information)

Temperature of mass concrete exceeded thermal control plan. May need DBIC to accept
Letter concerning commissioning process went to KGM
PT plugs installed in Gray Harbor
Removal of Cedar Tree in Medina. Letter from lawyer to KGM to stop removal
Timing of coffer cell build and delivery

### New Potential Change Issues This Period (ROM Cost and Time)

PCO #	Description	Cost	Time	Region Approval
186B	Use of Resin Bonded Anchors for Pier A & W Sentinel Framing and Cladding	\$0.00	0	

### New Pending Changes This Period (Contractor Submitted Costs)

PCO #	Description	Cost	Time	Region Approval
	None this week			

### Force Account (Updated Monthly)

CO #	Description	Contract Value	Amount Paid
58	Underwater Dive Inspection and Crack Mapping	\$ 500,000.00	\$738,002.00

### Change Orders Executed This Period

CO #	Description	Cost	Time
44	Bridge Maintenance Dock Cleats	\$0.00	0
57	Reduce Rectifier Output	-\$94,072.00	0
66	EAB Concrete Box Girder Lighting	\$340,009.00	0
74	Early WSDOT Construction Trailer Removal from Kenmore	-\$18,984.00	0
77	2012 Late Sockeye Fishing Notification	\$4,301.00	0

### Work Agreements Authorized This Period

WA #	Description
9-R2	Neoprene Protection Panels

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	Number	Dollar Value	Schedule Impact
<b>Original Contract Value</b>		\$ 586,561,000.00	
<b>Executed Change Orders</b>	48	\$ 20,493,229.00	0
<b>Current Contract Value</b>		\$ 607,054,229.00	
<b>Payments to Date:</b> <i>(for work completed thru January 2013)</i>		\$ 215,416,074.26	35%
<b>Pending Changes</b>	99	\$ 21,426,000.00	0
<b>Potential Change Issues</b>	94	\$ 105,312,000.00	0

See Change Management Log

**OUTSTANDING ISSUES AND AREAS OF CONCERN**



## SR 520 Bridge Replacement and HOV Program

I-5 to Medina: Stage 1 Evergreen Point Floating Bridge and Landings

### Weekly Construction Report

Project Director:	Julie Meredith	Week Ending:	4/12/2013
Construction Manager:	Dave Becher	Project:	8066/U52004B
Business Manager:	Julia Mizuhata	Project Budget:	\$607.1m
Design-Builder:	Kiewit/General/Manson (KGM)	Project Cost to Date:	\$215.4M

### PROGRESS SUMMARY

#### THIS WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### **CTC (Cycle 2 / 3rd of 6 cycles)**

- Pour keel slabs in pontoons PSW & RNW (2E & 2H)
- Wall pour 1 in pontoons SSE, SNE and RSW (5A, 5C and 2F)
- Continue to form rib beams, walls, place rebar top and bottom mats of keel slabs, and place wall near and far face curtains

##### **Port of Tacoma / EB1**

- Dry finish and waterproofing soffit in Pontoon TNE (5B)
- Branch conduit install walls Pontoon T

##### City of Medina

##### **East Approach**

- Pier 1 - Cure footing concrete, install tower crane dry cell, erect tower crane.
- Pier 2 - South Pier Table - Place concrete for top deck, begin top deck concrete cure, form overhead sign block out.
- Pier 2 - North Pier Table - Place transition stem forms.
- Pier 3, South End Span 1 (MR Bridge) - Begin placement of top deck reinforcing steel.

##### **Bridge Maintenance Facility & Dock**

- Retaining Walls - Place shotcrete at Wall 5 and Wall 6.

##### Lake Washington

- Fluke Anchors - Proof test Fluke Anchors SN/SS, RN/RS, PN/PS, ON/OS and NN/NS.
- pontoons - Move pontoons V and U to Staging Areas, prep pontoons V and U for joint mock up, install walkway to northern pontoon staging area.

##### Kenmore Site

- Continue assembling formwork on bridge deck panel precast facility

#### NEXT 2 WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### **CTC (Cycle 2 / 3rd of 6 cycles)**

- Pour rib beams in pontoons PSW, SSW and RNW (2E, 5B and 2H), and in pontoons SNW and PNW (5D & 2G)
- Pour keel slab in pontoons SNW and PNW (5D & 2G), wall pour 2 in pontoons SSE, SNE and RSW (5C, 5A and 2F), wall pour
- Wall pour 2 in pontoons SSE, SNE and RSW (5C, 5A and 2F), and wall pour 1 in Pontoon SSW (5B)
- Continue to form rib beams, walls, place wall near and far face curtains and set soffit formwork for top decks in pontoons SNE, SSE and RSW (5A, 5C and 2F)

##### **Port of Tacoma / EB1**

- Branch conduit install walls and anchor gallery rack and conduit install Pontoon T

##### City of Medina

##### **East Approach**

- Pier 1 - Cure footing concrete, place forms for north column, place concrete for north column.
- Pier 2 - South Pier Table - Cure top deck concrete, place & cure concrete for overhead sign base concrete, strip top deck falsework.
- Pier 2 - North Pier Table - Place transition stem forms, begin placement of bottom deck reinforcing steel.
- Pier 3, South End Span 1 (MR Bridge) - Place top deck reinforcing steel, place top deck post tensioning, place concrete for top deck.

##### **Bridge Maintenance Facility & Dock**

- Retaining Walls - Place shotcrete at Wall 6, place reinforcement at Wall 6 (South Half), strip Wall 5 forms, place forms at Wall 7.
- Modification to the piles rebars couplers & extensions at Bridge Maintenance Dock per FDC #89 and pour back the pile caps.

##### Lake Washington

- Fluke Anchors - Proof test Fluke Anchors JN/JS, IN/IS, GN/GS, FN/FS, EN/ES, LN/LS, DN/DS, CN/CS, ANE/ASE.
- pontoons - Position pontoons V and U at Staging Areas, prep pontoons V and U for joint mock up.

##### Kenmore Site

- Continue assembling formwork on bridge deck panel precast facility
- Post tension maintenance pier panels P1 and P2

## SAFETY

WSDOT / KGM	Previous Total	Current Week	Project Total
Reportable Incidents	1/11	0/0	1/11
Lost Time Incidents	1/1	0/0	1/1
Contract Days without an Incident			365/31

- CTC, KGM employee lifting plate washers, washer slipped and smashed thumb. First Aid
- Aberdeen, KGM Carpenter got sawdust in eye, rinsed with eye wash. First Aid

## ENVIRONMENTAL

	Previous Total	Current Week	Project Total
Non-Compliance Event	14	0	14
Minor Environmental Event	22	0	22

- WSDOT is waiting for the final information on underwater noise monitoring report from KGM which they will be submitting to WSDOT by 4/11. This information is due to the Services by 4/15.
- On 4/5 more Ecology blocks were added to the shoreline along Wall E as a precaution to prevent erosion occurring at the wall. This will be the interim fix until KGM is issued a permit amendment from the Corps and DOE.
- The window for all in-water work activities ends April 15th and begins again in August. No in-water work can occur during this period.
- WSDOT provided design criteria based on input from our biologists for constructing ramps to allow trapped birds to leave the pontoons.
- A bird biologist was at Medina on Tuesday to observe the peregrines. He confirmed a nest and a least three eggs were found under the deck of the existing bridge north of were the pair nested last year. Does not impact work or require mitigation.

## QUALITY

	Previous Total	Current Week	Project Total	Open	Closed
Audits - Planned vs Actual	602	4-11	613	48	565

	Previous Total	Open	Current Week	Avg. Time Open
Non-Compliance Incidents (NCI)	228	29	10	114
Non-Compliance Reports (NCR)	123	39	0	94

### NCI's were issued for the following reasons:

- Commissioning and the lack thereof.
- Consolidation of concrete in Pier 1 Footing.
- CTC Pontoon Type 2H Keel Slab inadequate from bracing.
- CTC Pontoon Type 2E inadequate water cure for Keel Slab.

### NCR's were issued for the following reasons:

- No NCR's issued this week.

*A complete recount of Audits, NCI's and NCR's and status of all is being made, numbers adjusted to reflect current count.*

### See NCI/NCR Log

## PUBLIC OUTREACH / COMMUNICATION

- Continued coordinating with multiple agencies about Kenmore construction activities and inquiries; participated in bi-weekly agency coordination meeting.
- Drafted and coordinated review of responses to neighbors in Medina regarding follow-up to the viewpoint trail letter and north side noise walls; continued coordinating a meeting with City of Medina City Council and staff regarding design of the viewpoint trail.
- Drafted and reviewed comment responses regarding the purchasing of old pontoons and construction activity on Lake Washington.
- Continued planning for Opening Day of Boating Season; distributed Opening Day email to boating community; drafted, reviewed, and distributed monthly email to the Seattle Yacht Club.
- Coordinated logistics and began planning for 5/2 Bellingham Technical College Civil Engineering Student tour.

## SENT / RECEIVED - SERIAL LETTERS FOR WEEK

Serial	Topic	TO	FROM
341	KGM SL 0205 PT Strand Testing PCO 131	KGM	WSDOT
342	KGM SL 0307 DBIC Strip Seal Clamp Material	KGM	WSDOT
343	KGM SL 0352 Change Order Request for Resin Bonded Drilled in Anchors	KGM	WSDOT
344	KGM SL 0350 DBIC to Revise the Construction Joint Prep Procedure	KGM	WSDOT
345	KGM SL 0289 OCI - Schedule Change Access Control at Evergreen Point Road	KGM	WSDOT
346	Change Order No. 036 - Drill Interior Walls of PPDB	KGM	WSDOT
347	Change Order No. 076 - Inserts at Pontoon Joining Face	KGM	WSDOT
348	Change Order No. 083 - Additional Temporary Ballast Pontoon Type 3A	KGM	WSDOT
363	OIC Heaters @ ITS Sheds	WSDOT	KGM
364	CTC Rebar Re-Design Delay Impact	WSDOT	KGM
366	OIC Additional Sentinel Light Modeling	WSDOT	KGM

370	Confirmation to WSDOT's Direction to Install UHMW Rub Strips	WSDOT	KGM
361	Handling of Pontoon V Rebar Cages	WSDOT	KGM
367	OIC Draft Hydraulic Report	WSDOT	KGM
368	Analysis of Reinforcing at A3 Column Connections	WSDOT	KGM
369	Return pontoons V-W to Pre-joining Condition	WSDOT	KGM

See PW Letter Log or Centric

**RFIs**

	Project Total	Avg. Time Open*	Current week	Total Open
RFIs	587	13	6	7

See Centric RFI Log

\* Avg time after all required info from DB provided in order to be able to provide a response

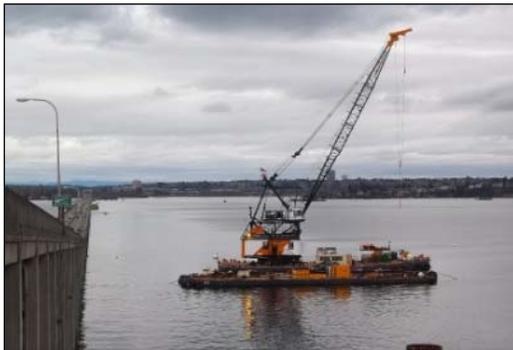
**PICTURES**



Pontoon U Prep for Joining Mockup - Lake Washington



Pier 2 South Column Top Deck Pour- East Approach



Anchor Cable Testing - Lake Washington



Shotcrete Retaining Wall 5 - Bridge Maintenance Facility



Bridge Deck Panel Casting Facility - Kenmore



Curtain Wall in Cycle 2 Pontoon - CTC

# Flt Bridge and Landings - Weekly Data

April 12, 2013

## SCHEDULE

Description	Contract Baseline	Current / Actual	Difference in Days
CTC Cycle 1	April 6, 2012	July 29, 2012	-114
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Substantial Completion	December 5, 2014	September 17, 2015	-286
Physical Completion	July 30, 2015	May 18, 2016	-293
<i>Completion Dates</i>			

Time Analysis	Contract Days	Added Days	Days Elapsed	Elapsed %
Substantial Completion	1978	0	589	30%
Physical Completion	300	0	0	0%
Completion	90	0	0	0%

### Potential Schedule Impacts This Period

- Pontoon joining still on hold (ongoing)
- Letter concerning ECC turnover date of the Evergreen Pt vicinity sent to KGM
- Deck panel production slowed due to delay of joining operation (on going)
- Will delay the testing of anchors in the vicinity of the center drawspan to avoid damage to the existing submarine cables

### See Weekly Look Ahead Schedule

## COST

### Emerging Issues Identified This Period (No Cost and Time Information)

Start of joining mock-up this week
Letter concerning ECC turnover date of the Evergreen Pt vicinity sent to KGM
Potential costs for design and construction for A-3 column connections depending on outcome of analysis
Differing site condition for wet toll gantry foundation shaft
Final Gerwick report to be received this week

### New Potential Change Issues This Period (ROM Cost and Time)

PCO #	Description	Cost	Time	Region Approval
	Added UHMW Rub Strips to PFS at Grays Harbor	\$0.00	0	
251	Resin Bonded Anchors for clad mouting @ Pontoon A & W	\$0.00		
252	Rewrite performance Concrete Spec in 2.13	\$0.00		
253	Low/Hi Rise Column Connections Performed in Grays Harbor	\$0.00		
254	DBIC 3-Part Epoxy Bonding Agent	\$0.00		
255	Differing site condition for wet toll gantry foundation shaft	\$0.00		

### New Pending Changes This Period (Contractor Submitted Costs)

PCO #	Description	Cost	Time	Region Approval
185	Draft Hydraulic Report	\$29,135.00	0	
197	Update on CTC Rebar Changes Delay Costs	\$572,310.00	0	
208	Heating for ITS Sheds	\$92,114.00	0	
212	City of Medina Light Study	\$60,699.00	0	
239	A-3 column connection analysis	\$17,179.00		
	Handling of Pontoon V rebar cages	\$10,841.00		

### Force Account (Updated Monthly)

CO #	Description	Contract Value	Amount Paid
58	Underwater Dive Inspection and Crack Mapping	\$ 500,000.00	\$738,002.00

### Change Orders Executed This Period

CO #	Description	Cost	Time
34	PPDB Concrete Mix Design	\$0.00	0

**Work Agreements Authorized This Period**

**WA #**

	<i>None this week</i>

	Number	Dollar Value	Schedule Impact
<b>Original Contract Value</b>		\$ 586,561,000.00	
<b>Executed Change Orders</b>	48	\$ 20,724,483.00	0
<b>Current Contract Value</b>		\$ 607,285,483.00	
<b>Payments to Date: (for work completed thru January 2013)</b>		\$ 215,416,074.26	35%
<b>Pending Changes</b>	99	\$ 21,444,000.00	0
<b>Potential Change Issues</b>	94	\$ 105,398,000.00	0
		\$ 734,127,483.00	

See Change Management Log

**OUTSTANDING ISSUES AND AREAS OF CONCERN**

## SR 520 Bridge Replacement and HOV Program

I-5 to Medina: Stage 1 Evergreen Point Floating Bridge and Landings

### Weekly Construction Report

Project Director:	Julie Meredith	Week Ending:	4/19/2013
Construction Manager:	Dave Becher	Project:	8066/U52004B
Business Manager:	Julia Mizuhata	Project Budget:	\$607.1m
Design-Builder:	Kiewit/General/Manson (KGM)	Project Cost to Date:	\$215.4M

### PROGRESS SUMMARY

#### THIS WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### **CTC (Cycle 2 / 3rd of 6 cycles)**

- Place concrete in keel slab of pontoons 5D and 2G.
- Place concrete in rib beams of pontoons 2E and 2H.
- Place concrete wall pour 1 in Pontoon 2F.
- Place concrete wall pour 2 in Pontoon 5C.
- Continue placing rebar, forms, continuity welding, placing inserts, stripping forms, construction joint prep, setting watertight door frames for all pontoons.

##### **Port of Tacoma / EB1**

- Branch wall conduit installation

##### City of Medina

##### **East Approach**

- Pier 1 - Cure footing concrete, begin installation of column fillets and forms for North Column lift 1.
- Pier 2 - South Pier Table - Cure top deck concrete, form and place concrete for overhead sign bases, stress post tensioning.
- Pier 2 - North Pier Table - Place transition stem forms, place bottom deck bulkheads and begin placement of reinforcing steel.
- Pier 3, South End Span 1 (MR Bridge) - Place top deck reinforcing steel and post tensioning ducts.

##### **Bridge Maintenance Facility & Dock**

- Retaining Walls - Place shotcrete at Wall 6, Panel 5.
- Modification to the dock pile rebar couplers & extensions at Bridge Maintenance Dock per FD #89 and pours back the pile caps.

##### Lake Washington

- Fluke Anchors - Proof test Fluke Anchors JN/JS, IN/IS, GN/GS, FN/FS, EN/ES.
- pontoons - Move pontoons V and U to joint mock up position and prepare for joining bolt placement.

##### Kenmore Site

- Continue the process of removing the rust and applying the rust inhibitor (Castrol Aqua Safe 639) to the pontoon bolts and then placing green plastic webbing around the threaded area.
- Continue assembling formwork on bridge deck panel precast facility.

#### NEXT 2 WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### **CTC (Cycle 2 / 3rd of 6 cycles)**

- Place concrete in rib beams in pontoons 5D & 2G.
- Place concrete wall pour 1 in Pontoon 5B.
- Place concrete wall pour 2 in pontoons 5A and 2F.
- Continue placing rebar, forms, continuity welding, placing inserts, stripping forms, construction joint prep, setting watertight door frames for all pontoons.

##### **Port of Tacoma / EB1**

- Continuation of branch wall conduit installation.
- Anchor gallery rack and conduit installation.

##### City of Medina

##### **East Approach**

- Pier 1 - Form and place concrete for North Column lift 1, place forms for North Column lift 2.
- Pier 2 - South Pier Table - Cure overhead sign base concrete, strip top deck falsework.
- Pier 2 - North Pier Table - Place bottom deck reinforcing steel, place bottom deck concrete.
- Pier 3, South End Span 1 (MR Bridge) - Place concrete for top deck, cure top deck concrete.

##### **Bridge Maintenance Facility & Dock**

- Retaining Walls - Place drain mats and reinforcement for South Half Wall 6, place forms at Wall 7.

##### Lake Washington

- Fluke Anchors - Proof test Fluke Anchors DN/DS, CN/CS, ANE/ASE, MN/MS, KN/KS, BN/BS.

- Pontoons - Place and tension joint mock up joining bolts, evaluate joint, remove joint mock up joining bolts.

**Kenmore Site**

- Continue the process of removing the rust and applying the rust inhibitor (Castrol Aqua Safe 639) to the pontoon bolts and then placing green plastic webbing around the threaded area.
- Continue assembling formwork on bridge deck panel precast facility
- Post tension maintenance pier panels P1 and P2

**SAFETY**

<i>WSDOT / KGM</i>	Previous Total	Current Week	Project Total
Reportable Incidents	1/11	0/0	1/11
Lost Time Incidents	1/1	0/0	1/1
Contract Days without an Incident			372/38

- CTC, KGM Cement Mason, concrete splashed past safety glasses and into eye. First Aid, flushed out eye and went back to work

**ENVIRONMENTAL**

	Previous Total	Current Week	Project Total
Non-Compliance Event	14	0	14
Minor Environmental Event	22	0	22

- There were no non compliance or minor environmental events.
- The window for all in-water work activities ends April 15th and begins again in August. No in-water work can occur during this period.
- On 4/15 it was discovered that a Canada Goose had nested in the northwest corner of the materials barge located between Pontoon W and Pontoon V. There are five eggs in the nest. KGM plans to leave the goose undisturbed until she moves on with her younglings.
- 4/16 Met with ESA Steering Committee, discussed pontoon repairs and Underwater Noise monitoring Report

**QUALITY**

	Previous Total	Current Week	Project Total	Open	Closed
Audits - Planned vs Actual	613	8-23	636	90	546

	Previous Total	Open	Current Week	Avg. Time Open
Non-Compliance Incidents (NCI)	238	32	5	114
Non-Compliance Reports (NCR)	123	41	3	94

**NCI's were issued for the following reasons:**

- Deck not tested for flatness.
- Rebar continually moved and adjusted during concrete pour.
- Inspector Daily Report indicating Traffic Control with no Traffic Control listed or referenced.
- Inspector Daily Report did not correctly reflect work accomplished on stated date.
- Design-Builder missed placing a 24" keyway during a pour.

**NCR's were issued for the following reasons:**

- E-Z cure system malfunctioned for stored cylinders, awaiting 28-day break information.
- Wall forms moved during concrete placement causing thickness and reduced rebar clearance / coverage.
- 1 set of #858 bar is missing per NDC 56 in the North overhead sign pedestal at the Pier Table (MR Line).

See NCI/NCR Log

**PUBLIC OUTREACH / COMMUNICATION**

- Continued coordinating with multiple agencies about Kenmore construction activities and inquiries.
- Continued coordinating a meeting with the City of Medina City Council and staff regarding design of the viewpoint trail.
- Reviewed materials for KGM open house for bridge maintenance facility vendors.
- Continued planning for Opening Day of Boating Season; prepared for meeting with US Coast Guard.
- Coordinated logistics and continued planning for 5/2 Bellingham Technical College Civil Engineering Student tour.

**SENT / RECEIVED - SERIAL LETTERS FOR WEEK (Friday thru Thursday)**

Serial	Topic	TO	FROM
349	KGM SL 0119 evergreen Lid Portal Renderings	KGM	WSDOT
350	Design Verification RFI 0574 A & W Maintenance Stairs	KGM	WSDOT
351	Gerwick Coffe Cell Design Loading Analysis	KGM	WSDOT
352	Change Order 55 Additional Vibration Monitoring Systems	KGM	WSDOT
353	KGM SL 0343 Removal of Cedar Tree on Evergreen Point Road	KGM	WSDOT
354	CO No. 082 Clear Distance Drilled-in Embedments	KGM	WSDOT
355	KGM SL 0367 OIC Draft Hydraulic Report	KGM	WSDOT
356	KGM SL 0326 Storm Drain Inserts in PFS	KGM	WSDOT

357	KGM SL 0373 Cofferdam Early Material Ordering PCO 177	KGM	WSDOT
358	KGM Serial Letter 0357 - DBI RFI #505 Maturity Meter in Lieu of Test Cylinders	KGM	WSDOT
359	KGM Serial Letter 0316: DBIC - EAB Inserts @ East Approaches	KGM	WSDOT
360	Change Order No. 021 - Basic Configuration Change	KGM	WSDOT
361	Change Order No. 086 - Draft Hydraulic Report	KGM	WSDOT
371	DBIC 3-Part Epoxy Bonding Agent	WSDOT	KGM
372	DBIC Vegetated Roof at Maintenance Facility	WSDOT	KGM
373	Cofferdam Early Material Ordering - PCO #177	WSDOT	KGM
374	Negotiated Agreement to Delete the FRP Mock-Up	WSDOT	KGM
375	Revised Pricing for Extra Work	WSDOT	KGM

See PW Letter Log or Centric

### RFIs

	Project Total	Avg. Time Open*	Current week	Total Open
RFIs	588	13	1	7

See Centric RFI Log

\* Avg time after all required info from DB provided in order to be able to provide a response

### PICTURES



Pontoons V & U for Joining Mockup - Lake Washington



End Span at Pier 3 (MR Bridge) - East Approach



Pier 2, Overhead Sign Base - East Approach



Shotcrete Retaining Wall 6 - Bridge Maintenance Facility



Installation of Steam Piping - Kenmore



Rebar and Formwork in Cycle 2 Pontoon - CTC

## Flt Bridge and Landings - Weekly Data

April 19, 2013

### SCHEDULE

Description	Contract Baseline	Current / Actual	Difference in Days
CTC Cycle 1	April 6, 2012	July 29, 2012	-114
CTC Cycle 1a	July 24, 2012	February 4, 2013	-195
CTC Cycle 2	November 10, 2012	July 17, 2013	-249
CTC Cycle 2a	March 2, 2013	December 16, 2013	-289
CTC Cycle 3	June 13, 2013	April 21, 2014	-312
CTC Cycle 4	September 20, 2013	August 23, 2014	-337
Substantial Completion	December 5, 2014	September 17, 2015	-286
Physical Completion	July 30, 2015	May 18, 2016	-293
<i>Completion Dates</i>			

#### Time Analysis

	Contract Days	Added Days	Days Elapsed	Elapsed %
Substantial Completion	1978	0	596	30%
Physical Completion	300	0	0	0%
Completion	90	0	0	0%

#### Potential Schedule Impacts This Period

- Pontoon joining still on hold (ongoing)
- Pier 2 south top deck post tensioning worked stopped due to hydraulic pump failure. Pump repaired, work resumed
- Slow progress on maintenance dock due to rebar issues

See Weekly Look Ahead Schedule

### COST

#### Emerging Issues Identified This Period (No Cost and Time Information)

Continued considerations for pontoon repair scenarios
Use of Todd Ship Yards for Pontoon Repairs
Corrosion on Rebars due to delayed use and outside storage

#### New Potential Change Issues This Period (ROM Cost and Time)

PCO #		Cost	Time	Region Approval
211i	Demob Pontoon W	\$25,000	0	
211j	Diving Barge Standby	\$25,000	0	
255	Diff Site Cond at Toll Gantry Foundation	\$0	0	
211d	Handeling of Pontoon V Rebar Cages	\$10,800	0	
	Added UHMW Rub Strips	\$25,000	0	

#### New Pending Changes This Period (Contractor Submitted Costs)

PCO #		Cost	Time	Region Approval
175 and 475A - 478D	Revised pricing for extra work on pontoons U, V, and W	\$125,817.00	0	
27	Delete Vegetated Roof at Maintenance Facility Building	-\$12,332.00	0	
62	Delete Fiberglass Reinforced Plastic (FRP) Mock-Up	-\$12,000.00	0	

#### Force Account (Updated Monthly)

CO #		Contract Value	Amount Paid
58	Underwater Dive Inspection and Crack Mapping	\$ 500,000.00	\$738,002.00

#### Change Orders Executed This Period

CO #		Cost	Time
46	Rock Ballasting - Schedule Recovery	\$21,628.00	0
56	Electrical Continuity in East Approach Bridge (EAB) and Pier 36	-\$59,527.00	0
72	Pump Wells in Ballasted Cells	\$2,087,000.00	0
73	Rock Barge Availability - Pontoon V	\$76,000.00	0
87	Mock-Up Joining of Pontoons U-V	\$2,880,400.00	0

**Work Agreements Authorized This Period**

**WA #**

	<i>None this week</i>

	Number	Dollar Value	Schedule Impact
<b>Original Contract Value</b>		\$586,561,000	
<b>Executed Change Orders</b>	58	\$25,729,984	0
<b>Current Contract Value</b>		\$612,290,984	
<b>Payments to Date: (for work completed thru January 2013)</b>		\$215,416,074	35%
<b>Pending Changes</b>	91	\$45,090,000	0
<b>Potential Change Issues</b>	99	\$87,679,000	0
		\$745,059,984	\$10,932,501

See Change Management Log

**OUTSTANDING ISSUES AND AREAS OF CONCERN**

## SR 520 Bridge Replacement and HOV Program

I-5 to Medina: Stage 1 Evergreen Point Floating Bridge and Landings

### Weekly Construction Report

Project Director:	Julie Meredith	Week Ending:	4/26/2013
Construction Manager:	Dave Becher	Project:	8066/U52004B
Business Manager:	Julia Mizuhata	Project Budget:	\$607.1m
Design-Builder:	Kiewit/General/Manson (KGM)	Project Cost to Date:	\$226.0M

#### PROGRESS SUMMARY

##### THIS WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### CTC (Cycle 2 / 3rd of 6 cycles)

- Place concrete in rib beams of pontoons 5D.
- Place concrete wall pour 2 in Pontoon 5C.
- Continue placing rebar, forms, continuity welding, placing inserts, stripping forms, construction joint prep, setting watertight door frames for all pontoons.

##### Port of Tacoma / EB1

- Dry finish and waterproofing soffit 5D

##### City of Medina

##### East Approach

- Pier 1 - Install column fillets, forms and placed concrete for north column lift 1.
- Pier 2 - South Pier Table - Cure top deck concrete and sign bridge concrete, removed forms for sign bridge bases and removed top deck false work.
- Pier 2 - North Pier Table - Place transition stem reinforcement steel, place bottom deck bulkheads and reinforcing steel.
- Pier 3, South End Span (MR Bridge) - Placed concrete for Top Deck.

##### Bridge Maintenance Facility & Dock

- Retaining Walls - Placed drainage mats at Wall 6 and 7, placed forms at Wall 7 and began placement of rebar at Wall 6 and 7.

##### Lake Washington

##### Floating Bridge

- Fluke Anchors - Proof test Fluke Anchors KN/KS, MN/MS, DN/DS, CN/CS, ANE/ASE
- pontoons - Install joining bolts, check and confirm bolt sleeve alignment.

##### Pier 36

- Prep work at Kenmore

##### Kenmore Site

- Continue the process of removing the rust and applying the rust inhibitor (Castrol Aqua Safe 639) to the pontoon bolts and then placing green plastic webbing around the threaded area.
- Continue assembling formwork on bridge deck panel precast facility.
- Post tension maintenance pier panels P1 and P2

##### NEXT 2 WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### CTC (Cycle 2 / 3rd of 6 cycles)

- Place concrete in rib beams in pontoons 2G.
- Place concrete wall pour 1 in Pontoon 5B, 2E and 2H.
- Place concrete wall pour 2 in pontoons 5A and 2F.
- Continue placing rebar, forms, continuity welding, placing inserts, stripping forms, construction joint prep, setting watertight door frames for all pontoons.

##### Port of Tacoma / EB1

- Continuation of wall conduit and branch rack conduit placement cells 1E-6F in Pontoon T.
- Dry finish and waterproof soffit 5E

##### City of Medina

##### East Approach

- Pier 1 - Place forms and concrete for South Column lift 1.
- Pier 2 - South Pier Table - Strip Top Deck and Pier Table false work.
- Pier 2 - North Pier Table - Place bottom deck concrete.
- Pier 3, South End Span 1 (MR Bridge) - Remove End Span forms.

##### Bridge Maintenance Facility & Dock

- Retaining Walls - Place reinforcement steel at Wall 6 and 7.

**Lake Washington****Floating Bridge**

- Fluke Anchors - Demobe test barge.
- Pontoons - Evaluate U/V joint, removing jointing bolts, rubber seals and shim packs, remove scaffolding.

**Pier 36**

- Prep work at Kenmore
- Run derrick barge anchors and install access

**Kenmore Site**

- Continue the process of removing the rust and applying the rust inhibitor (Castrol Aqua Safe 639) to the pontoon bolts and then placing green plastic webbing around the threaded area.
- Continue assembling formwork on bridge deck panel precast facility

**SAFETY**

<b>WSDOT / KGM</b>	<b>Previous Total</b>	<b>Current Week</b>	<b>Project Total</b>
<b>Reportable Incidents</b>	1/11	0/0	1/11
<b>Lost Time Incidents</b>	1/1	0/0	1/1
<b>Contract Days without an Incident</b>			379/45

- No incidences this week
- PCP worker in Aberdeen slipped on ladder, broke ankle. Serves as a reminder to FB&L crew using ladders in pontoons

**ENVIRONMENTAL**

	<b>Previous Total</b>	<b>Current Week</b>	<b>Project Total</b>
<b>Non-Compliance Event</b>	14	0	14
<b>Minor Environmental Event</b>	22	1	23

- 4/18 - A second Canada goose nest was discovered on the NE corner of materials barge east of Pier 1 with three eggs in it. The materials barge with the other nest described in last week's report has been moved to a new location.
- 4/19 - Minor environmental event at CTC, Heavy rainfall resulted in turbid water ponding on site and flowing under a straw wattle and into a catchbasin. It was not considered to be a permit violation.
- 4/19 - WSDOT reviewed the write up for the pontoon joining, cofferdam repair and fish handling plan. Comments have been submitted to KGM.
- 4/23 - Comments from the services on the Underwater Noise Monitoring Report were received by WSDOT.
- 4/25 - The Environmental Task Force Meeting has been cancelled this week as Robert Brenner is unable to attend.

**QUALITY**

	<b>Previous Total</b>	<b>Current Week</b>	<b>Project Total</b>	<b>Open</b>	<b>Closed</b>
<b>Audits - Planned vs Actual</b>	674	8-19	693	34	659

	<b>Previous Total</b>	<b>Open</b>	<b>Current Week</b>	<b>Avg. Time Open</b>
<b>Non-Compliance Incidents (NCI)</b>	250	34	6	114
<b>Non-Compliance Reports (NCR)</b>	126	42	0	94

**NCI's were issued for the following reasons:**

- Rib Construction Joints were not saturated with water for a minimum of four hours before fresh concrete was placed.
- Rebar protruding into the clear zones of the cell walls limiting cover clearances.
- Numerous areas where tie wire protruded into the clearance clear zones.
- Cell rib rebar out of tolerance.
- Cell 74L wall bolt beam forms too wide.
- Pre-pour check did not occur.

**NCR's were issued for the following reasons:**

- No new NCR's this week

See NCI/NCR Log

**PUBLIC OUTREACH / COMMUNICATION**

- Continued coordinating with multiple agencies about Kenmore construction activities and inquiries.
- Continued coordinating a meeting with the City of Medina City Council and staff regarding design of the viewpoint trail.
- Participated in City of Bellevue Spring Forward Expo.
- Continued planning for Opening Day of Boating Season; prepared for meeting with US Coast Guard.
- Coordinated logistics and continued planning for 5/2 Bellingham Technical College Civil Engineering Student tour.
- Coordinated with the WSDOT Tolling group regarding a potential 5/2 Ohio Department of Transportation tour.

**SENT / RECEIVED - SERIAL LETTERS FOR WEEK (Friday thru Thursday)**

<b>Serial</b>	<b>Topic</b>	<b>TO</b>	<b>FROM</b>
362	KGM SL 0336 DBIC Permanent Communication Infrastructure	KGM	WSDOT
363	Miscellaneous Deductions March 2013 Estimate	KGM	WSDOT

364	KGM SL 0348 OIC Toll Structure Height Requirements	KGM	WSDOT
365	April Update PFS Cycle 2 Availability	KGM	WSDOT
366	CO No. 092 Delete Paint Behind Pontoon Cell LED Luminaires	KGM	WSDOT
367	CO No. 094 Revised Material Requirements for Expansion Joint Systems	KGM	WSDOT
368	KGM SL 0370 Installation of UHMW Rub Strips	KGM	WSDOT
369	CO No. 080 LED Light Loss Factor	KGM	WSDOT
370	CO No. 093 Delete FRP Mock-up	KGM	WSDOT
371	CO No. 075 Global pontoons Analysis Dead Loads	KGM	WSDOT
376	Response to WSDOT Ltr 359 - EAB Inserts @ East Approach	WSDOT	KGM
377	Cathodic Protection Rectifiers	WSDOT	KGM
378	DBIC Narrow staircases at Sentinels	WSDOT	KGM

See PW Letter Log or Centric

**RFIs**

	Project Total	Avg. Time Open*	Current week	Total Open
RFIs	590	14	2	3

See Centric RFI Log

\* Avg time after all required info from DB provided in order to be able to provide a response

**PICTURES**



Pontoons V & U for Joining Mockup - Lake Washington



Pontoons W, V and U on Lake Washington



Placing Concrete for Top Deck at Pier 3, South End Span



Shotcrete Retaining Wall 6 - Bridge Maintenance Facility



Installation of Steam Piping Shelter - Kenmore



Rebar and Formwork in Cycle 2 Pontoon - CTC

## Flt Bridge and Landings - Weekly Data

April 26, 2013

### SCHEDULE

Description	Contract Baseline	Current / Actual	Difference in Days
CTC Cycle 1	April 6, 2012	July 29, 2012	-114
CTC Cycle 1a	July 24, 2012	February 4, 2013	-195
CTC Cycle 2	November 10, 2012	July 17, 2013	-249
CTC Cycle 2a	March 2, 2013	December 16, 2013	-289
CTC Cycle 3	June 13, 2013	April 21, 2014	-312
CTC Cycle 4	September 20, 2013	August 23, 2014	-337
Substantial Completion	December 5, 2014	September 17, 2015	-286
Physical Completion	July 30, 2015	May 18, 2016	-293

*Completion Dates*

#### Time Analysis

	Contract Days	Added Days	Days Elapsed	Elapsed %
Substantial Completion	1978	0	603	30%
Physical Completion	300	0	0	0%
Completion	90	0	0	0%

#### Potential Schedule Impacts This Period

- Pontoon joining still on hold (ongoing)
- Other work completed as scheduled

See Weekly Look Ahead Schedule

### COST

#### Emerging Issues Identified This Period (No Cost and Time Information)

Continued review of potential pontoon repair scenarios
Use of facility in Portland for Pontoon Repair
Acceptance of cycle 2 pontoons from Grays Harbor

#### New Potential Change Issues This Period (ROM Cost and Time)

PCO #		Cost	Time	Region Approval
211L	CTC Girder Stoppage	TBD	0	
211M	Clean Rust from Steel Forms at Kenmore	TBD	0	
211N	Tent for Bolt Protection at Kenmore	TBD	0	
257	DBIC for Narrower Stairs in Sentinels	TBD	0	
258	Added Insurance for cycle 2 repaired pontoons	\$128,000	0	
259	Rectifier control type	\$0	0	

#### New Pending Changes This Period (Contractor Submitted Costs)

PCO #		Cost	Time	Region Approval
257	DBIC Narrower Staircase at Sentinels	-\$276.00	0	

#### Force Account (Updated Monthly)

CO #		Contract Value	Amount Paid
58	Underwater Dive Inspection and Crack Mapping	\$ 500,000	\$987,952

#### Change Orders Executed This Period

CO #		Cost	Time
36	Drill Interior Walls of Pontoons Provided by the Design-Builder (PPDB)	\$0.00	0
76	Inserts at Pontoon Joining Face	\$0.00	0
84	Anchor Cable Coating Thickness and Temp. Cathodic Protection System	\$0.00	0
85	WCB Access and Control Areas and Dates	\$0.00	0

#### Work Agreements Authorized This Period

WA #	
53	UHMW Rub Strip

	Number	Dollar Value	Schedule Impact
<b>Original Contract Value</b>		\$586,561,000	
<b>Executed Change Orders</b>	62	\$25,729,984	0
<b>Current Contract Value</b>		\$612,290,984	
<b>Payments to Date: (for work completed thru January 2013)</b>		\$225,959,381	37%
<b>Pending Changes</b>	89	\$48,223,000	0
<b>Potential Change Issues</b>	98	\$87,212,000	0
		\$747,725,984	\$2,666,000

See Change Management Log

**OUTSTANDING ISSUES AND AREAS OF CONCERN**

## SR 520 Bridge Replacement and HOV Program

I-5 to Medina: Stage 1 Evergreen Point Floating Bridge and Landings

### Weekly Construction Report

Program Director:	Julie Meredith	Week Ending:	5/3/2013
Construction Manager:	Dave Becher	Project:	8066/U52004B
Business Manager:	Julia Mizuhata	Project Budget:	\$607.1m
Design-Builder:	Kiewit/General/Manson (KGM)	Project Cost to Date:	\$226.0M

#### PROGRESS SUMMARY

##### THIS WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### CTC (Cycle 2 / 3rd of 6 cycles)

- Place concrete wall pour 2 in Pontoon 5A and wall pour 1 in Pontoon 5B.
- Continue placing rebar, forms, continuity welding, placing inserts, stripping forms, construction joint prep, setting watertight door frames for all pontoons.

##### Port of Tacoma / EB1

- Place wall conduit and branch rack conduits 1E-6F.

##### City of Medina

##### East Approach

- Pier 1 - Place reinforcement steel and forms for South Column Lift 1.
- Pier 2 - South Pier Table - Remove Top Deck and Pier Table false work.
- Pier 2 - North Pier Table - Place transition stem and bottom deck rebar, place bottom deck post tensioning and concrete.
- Pier 3, South End Span (MR Bridge) - Remove edge of deck and diaphragm forms, stress top deck transverse post tensioning.

##### Bridge Maintenance Facility & Dock

- Retaining Walls - Place reinforcement steel at Wall 6 and 7.

##### Lake Washington

##### Floating Bridge

- Fluke Anchors - Proof test Fluke Anchors DN/DS and demobe test barge.
- Pontoons - Joint mockup at Pontoon V and U - Check and confirm bolt sleeve alignment, dewater joint and remove joining bolts.

##### Pier 36

- Preparation of rebar for column construction
- Prep work at Kenmore

##### Kenmore Site

- Continue the process of removing the rust and applying the rust inhibitor (Castrol Aqua Safe 639) to the pontoon bolts and then placing green plastic webbing around the threaded area.
- Continue assembling formwork on bridge deck panel precast facility.
- Assemble rebar mat for Pier 1 column top portion.

##### NEXT 2 WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### CTC (Cycle 2 / 3rd of 6 cycles)

- Place concrete wall pour 1 in Pontoon 2E, 2G, 2H and 5D.
- Place concrete wall pour 2 in Pontoons 5B, 2E and 2H.
- Continue placing rebar, forms, continuity welding, placing inserts, stripping forms, construction joint prep, setting watertight door frames for all pontoons.

##### Port of Tacoma / EB1

- Continuation of wall conduit and branch rack conduit placement cells 1E-6F and anchor gallery conduit and racks.

##### City of Medina

##### East Approach

- Pier 1 - Place concrete for south column lift, install reinforcement steel and forms for north column lift 2.
- Pier 2 - South Pier Table - Remove pier table false work.
- Pier 2 - North Pier Table - Place transition stem and diaphragm forms.
- Pier 3, South End Span 1 (MR Bridge) - Remove End Span false work.

##### Bridge Maintenance Facility & Dock

- Retaining Walls - Place shotcrete at Wall 6 and 7 and remove forms at Wall 7.

##### Lake Washington

##### Floating Bridge

- Pontoons - joint mockup at Pontoon V and U - Remove joining bolts, remove seals, shim packs and scaffolding.

**Pier 36**

- Prep work at Kenmore
- Preparation of rebar and pipe bracing for column construction

**Kenmore Site**

- Continue assembling formwork on bridge deck panel precast facility
- Fabricate formwork for pier 36 cross beams.

**SAFETY**

<i>WSDOT / KGM</i>	Previous Total	Current Week	Project Total
Reportable Incidents	1/11	0/0	1/11
Lost Time Incidents	1/1	0/0	1/1
Contract Days without an Incident			386/52

- No incidences this week

**ENVIRONMENTAL**

	Previous Total	Current Week	Project Total
Non-Compliance Event	14	0	14
Minor Environmental Event	23	1	24

- 4/25 - Minor Environmental Event at CTC - A hydraulic hose failed on a scissor lift spilling approx. 1 qt onto asphalt. Pads were placed on the spill to absorb the fluid and prevent it from migrating down the ramp.
- 5/2 - Robert Brenner and Scott White met with the City of Medina to discuss changes to the CMP.

**QUALITY**

	Previous Total	Current Week	Project Total	Open	Closed
Audits - Planned vs Actual	693	8-21	714	48	666

	Previous Total	Open	Current Week	Avg. Time Open
Non-Compliance Incidents (NCI)	256	48	9	96
Non-Compliance Reports (NCR)	126	44	3	134

**NCI's were issued for the following reasons:**

- No signed Cert. of Compliance as per requirements
- Vertical construction joints were not saturated with water for a minimum of 4 hours before fresh concrete was placed.
- Amplitude was not placed on the 1" side of rebar on the exterior walls.
- Tie wire projecting into the clear zone and in contact with the forms.
- Check list was not signed off by QA prior to QV audit.
- No QA inspector watching the concrete pour in cell 1.
- There were several #4 rebar in the clear zone.
- Several locations through the ribs in cell 1 were dry.
- Top of Wall did not receive an immediate and continuous for spray with moist cure for 5 days.

**NCR's were issued for the following reasons:**

- The handrail inserts on Pontoon S between the supplemental pontoons were installed at the incorrect distance from edge of Pontoon.
- Pontoons in these cells are experiencing water intrusion that gathers on the keel slab (approx. 1/8" per week). Pontoon is not water tight.
- The sixth vertical from wall 3T is damaged.

See NCI/NCR Log

**PUBLIC OUTREACH / COMMUNICATION**

- Continued coordinating with multiple agencies about Kenmore construction activities and inquiries.
- Continued coordinating a meeting with the City of Medina City Council and staff regarding design of the viewpoint trail.
- Began planning and coordination for 5/9 TIFIA staff tour.
- Coordinated on opening of the East Navigation Channel for Opening Day of Boating Season; participated in a boating/drawspan boating/drawspan communications coordination meeting with NWR.
- Coordinated logistics and participated in 5/2 Bellingham Technical College Civil Engineering Student tour.
- Coordinated with the WSDOT Tolling group and participated in 5/2 Ohio Department of Transportation tour.

**SENT / RECEIVED - SERIAL LETTERS FOR WEEK (Friday thru Thursday)**

Serial	Topic	TO	FROM
372	KGM SL 0362 Follow up to KGM Letter 0346 Supplemental Documentation	KGM	WSDOT
373	KGM SL 0378 DBIC Narrower Staircases at Sentinels	KGM	WSDOT
374	KGM SL 0361 PCO 211, Additional Handling of Pontoon V Rebar Cages	KGM	WSDOT
375	KGM SL 0366 OIC Additional Lighting Study for the City of Medina	KGM	WSDOT

376	KGM SL 0369 PCO 211 Return Pontoons V and W to Pre-Joining Condition	KGM	WSDOT
377	CO No.078 Eliminate Pocket Formers	KGM	WSDOT
378	CO No. 095 PPDB Core Drilling	KGM	WSDOT
379	KGM SL 0371 DBIC 3 Part Epoxy Bonding Agent	KGM	WSDOT
379	DBIC Integrally Cast Barrier	WSDOT	KGM
380	DBIC High Rise Rigid Conduit to PVC	WSDOT	KGM
381	PCO #197 - Redesign of End Walls - WSDOT Ltr 0238	WSDOT	KGM
382	Notice on Insurance Premium Increase for the Pontoons (PFS)	WSDOT	KGM
383	PCO 261 Anchor L Test Delay Notice	WSDOT	KGM
384	Pontoon Crack Mapping	WSDOT	KGM
385	WSDOT Serial Ltr 0274 - Portable pumps	WSDOT	KGM

See PW Letter Log or Centric

## RFIs

	Project Total	Avg. Time Open*	Current week	Total Open
RFIs	591	14	1	6

See Centric RFI Log

\* Avg time after all required info from DB provided in order to be able to provide a response

## PICTURES



Buoy placement for East Navigation Channel - Lake Washington



Pier 1 South Column - East Approach Lake Washington



Pier 2 South Top Deck Longitudinal Post-Tensioning - Medina



Retaining Wall 6 - Bridge Maintenance Facility



Green Plastic Webbing Around Joining Bolts - Kenmore



Rebar work in Cycle 2 Pontoon - CTC

## Flt Bridge and Landings - Weekly Data

May 3, 2013

### SCHEDULE

Description	Contract Baseline	Current / Actual	Difference in Days
CTC Cycle 1	April 6, 2012	July 29, 2012	-114
CTC Cycle 1a	July 24, 2012	February 4, 2013	-195
CTC Cycle 2	November 10, 2012	July 17, 2013	-249
CTC Cycle 2a	March 2, 2013	December 16, 2013	-289
CTC Cycle 3	June 13, 2013	April 21, 2014	-312
CTC Cycle 4	September 20, 2013	August 23, 2014	-337
Substantial Completion	December 5, 2014	September 17, 2015	-286
Physical Completion	July 30, 2015	May 18, 2016	-293

#### Completion Dates

Time Analysis	Contract Days	Added Days	Days Elapsed	Elapsed %
Substantial Completion	1978	0	610	31%
Physical Completion	300	0	0	0%
Completion	90	0	0	0%

#### Potential Schedule Impacts This Period

- Pontoon joining still on hold (ongoing)
- Pier 2 North Column Bottom Slab pour pushed from 5/3 to 5/7

#### See Weekly Look Ahead Schedule

### COST

#### Emerging Issues Identified This Period (No Cost and Time Information)

Continued review of potential pontoon repair scenarios
Review of "other" facilities for Pontoon Repair
Acceptance of cycle 2 pontoons from Grays Harbor
Withdrawal of deletion of "Grindex Pumps" from contract (credit for deletion sill in cost info below)
Notice of impact, delayed anchor LN testing due to submarine cable conflict

#### New Potential Change Issues This Period (ROM Cost and Time)

PCO #		Cost	Time	Region Approval
	PCP Type 3 Insert Conflict	\$50,000	0	
			0	

#### New Pending Changes This Period (Contractor Submitted Costs)

PCO #		Cost	Time	Region Approval
93	Cast Barrier with Precast deck sections	-\$75,777.00	0	
213	Highrise Deflection Ftgs	-\$6,750.00	0	
197	CTC Types 2 and 5 Keel Slab Bar Redesign (updated cost)	\$607,511.00	0	
258	Insurance Premium Increase on PFS	\$127,295.00	0	
126	CTC Crack Repair	\$267,938.00	0	

#### Force Account (Updated Monthly)

CO #		Contract Value	Amount Paid
58	Underwater Dive Inspection and Crack Mapping	\$ 500,000	\$987,952

#### Change Orders Executed This Period

CO #		Cost	Time
21	Basic Configuration Change	\$0.00	0
82	Clear Distance for Drilled-In Embedments at PVC Boxes and PVC Conduit	\$0.00	0
83	Additional Temporary Ballast in Type 3A Pontoon	\$0.00	0

#### Work Agreements Authorized This Period

WA #	
	No Work Agreement this week

	Number	Dollar Value	Schedule Impact
<b>Original Contract Value</b>		\$586,561,000	
<b>Executed Change Orders</b>	65	\$25,729,984	0
<b>Current Contract Value</b>		\$612,290,984	
<b>Payments to Date: (for work completed thru February 2013)</b>		\$225,959,381	37%
<b>Pending Changes</b>	92	\$47,957,000	0
<b>Potential Change Issues</b>	97	\$86,895,000	0
		\$747,142,984	-\$583,000

See Change Management Log

**OUTSTANDING ISSUES AND AREAS OF CONCERN**

## SR 520 Bridge Replacement and HOV Program

I-5 to Medina: Stage 1 Evergreen Point Floating Bridge and Landings

### Weekly Construction Report

Program Director:	Julie Meredith	Week Ending:	5/10/2013
Construction Manager:	Dave Becher	Project:	8066/U52004B
Business Manager:	Julia Mizuhata	Project Budget:	\$607.1m
Design-Builder:	Kiewit/General/Manson (KGM)	Project Cost to Date:	\$226.0M

### PROGRESS SUMMARY

#### THIS WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### **CTC (Cycle 2 / 3rd of 6 cycles)**

- Place concrete wall pour 1 in Pontoon 2E, 2H, and 5D.
- Continue placing rebar, forms, continuity welding, placing inserts, stripping forms, construction joint prep, setting watertight door frames for all pontoons.

##### **Port of Tacoma / EB1**

- Place wall conduit and branch rack conduits 1E-6F.

##### City of Medina

##### **East Approach**

- Pier 1 - Place concrete for south column lift 1.
- Pier 2 - South Pier Table - Remove pier table false work.
- Pier 2 - North Pier Table - Place Bottom Deck reinforcement steel and concrete.
- Pier 3, South End Span (MR Bridge) - Remove inside formwork.

##### **Bridge Maintenance Facility & Dock**

- Retaining Walls - Place reinforcement steel at Wall 6 and 7.

##### Lake Washington

##### **Floating Bridge**

- Pontoons - joint mockup at Pontoons V and U - Remove joining bolts, remove seals, shim packs and scaffolding

##### **Pier 36**

- Preparation of rebar for column construction

##### Kenmore Site

- Continue the process of removing the rust and applying the rust inhibitor (Castrol Aqua Safe 639) to the pontoon bolts and then placing green plastic webbing around the threaded area.
- Pier 36 rebar and formwork prep work
- Continue assembling formwork on bridge deck panel precast facility.

#### NEXT 2 WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### **CTC (Cycle 2 / 3rd of 6 cycles)**

- Place concrete wall pour 1 in Pontoon 2G and wall pour 2 in pontoons 5B, 5D, 2E, 2G and 2H.
- Continue placing rebar, forms, continuity welding, placing inserts, stripping forms, construction joint prep for all pontoons to advance their schedule for top deck pours.

##### **Port of Tacoma / EB1**

- Continuation of wall conduit 1E-6F, dry finishing and waterproofing for pontoon 5E and repair of cell 9 in pontoon 5D.
- Buyoff of all cycle 1A pontoons at EB1.

##### City of Medina

##### **East Approach**

- Pier 1 - Place reinforcement steel and forms for north column lift 2.
- Pier 2 - South Pier Table - Remove pier table false work.
- Pier 2 - North Pier Table - Place transition stem and diaphragm forms.
- Pier 3, South End Span 1 (MR Bridge) - Remove End Span false work.

##### **Bridge Maintenance Facility & Dock**

- Retaining Walls - Place shotcrete at Wall 6 and 7 and remove forms at Walls 5 and 7.

##### Lake Washington

##### **Floating Bridge**

- Pontoons - joint mockup at Pontoon V and U - Clean up Pontoons, debrief reports, and tow Pontoon A to Lake Washington.

**Pier 36**

- Preparation of rebar and pipe bracing for column construction
- Stage two shaft pour

**Kenmore Site**

- Continue assembling formwork on bridge deck panel precast facility
- Fabricate formwork for pier 36 cross beam

**SAFETY**

WSDOT / KGM	Previous Total	Current Week	Project Total
Reportable Incidents	1/11	0/0	1/11
Lost Time Incidents	1/1	0/0	1/1
Contract Days without an Incident			393/59

- No incidences this week

**ENVIRONMENTAL**

	Previous Total	Current Week	Project Total
Non-Compliance Event	14	0	14
Minor Environmental Event	24	0	24

- 5/5 - We were notified that the Peregrine Falcon eggs in the nest appear to have failed and the chicks will not hatch. This was not attributed to any construction related work.
- 5/6 - Two killdeer nest and eggs were discovered at Kenmore. A temporary fence has been placed around the nests to protect them from predators and equipment.
- 5/8 - At Aberdeen a plug in Pontoon A dislodged filling a cell in the pontoon with an unknown quantity of seawater. KGM pumped the water directly into the bay. Water quality monitoring was conducted and is being reviewed.

**QUALITY**

	Previous Total	Current Week	Project Total	Open	Closed
Audits - Planned vs Actual	714	8-10	724	51	673

	Previous Total	Open	Current Week	Avg. Time Open
Non-Compliance Incidents (NCI)	265	51	7	112
Non-Compliance Reports (NCR)	129	45	4	112

**NCI's were issued for the following reasons:**

- Certified Payrolls
- Conformance to work agreement 52 in reference to bearing plates in Pontoon R.
- Conformance to work agreement 52 in reference to bearing plates in Pontoon S.

**NCR's were issued for the following reasons:**

- Two Horizontal #9 rebar were cut when watertight door was set too low.
- Saturation of construction joints was not maintained for 4 hours prior to concrete placement in several places.
- During wall pour #2 on Pontoon 2F the maximum delay between lifts was exceeded by 8 minutes.
- Hook bars in clear cover but within the in-fill area.

See NCI/NCR Log

**PUBLIC OUTREACH / COMMUNICATION**

- Continued coordinating with multiple agencies about Kenmore construction activities and inquiries.
- Continued coordinating a meeting with the City of Medina City Council and staff regarding design of the viewpoint trail.
- Complete planning, coordinate and participated in 5/9 TIFIA staff tour.
- Began preparing for 5/20 Kenmore City Council briefing.

**SENT / RECEIVED - SERIAL LETTERS FOR WEEK (Friday thru Thursday)**

Serial	Topic	TO	FROM
380	KGM SL 0156 DBIC Scan and Drill Approval procedure	KGM	WSDOT
381	KGM SL 0338 Insufficient swimmer Cable Brackets	KGM	WSDOT
382	KGM SL 0375 Revised Pricing for Extra Work on Pontoons	KGM	WSDOT
383	Type 3.3A High Level Vent Modifications	KGM	WSDOT
384	Non-refundable deposit to secure dry dock facility for the repairs of cycle 1 pontoons "T" and "W"	KGM	WSDOT

386	Too Structure Height Requirements Cost Breakdown	WSDOT	KGM
387	WSDOT Ltr 0362 - DBIC Permanent Communication Infrastructure	WSDOT	KGM
388	PCO 262 - Modification of Couplers to Maintain Coverage	WSDOT	KGM
389	PCO 142H - WSDOT Ltr 329 - OIC Sunscreens at Tolling Cabinets	WSDOT	KGM
390	Shotcrete at Walls 2 and 3	WSDOT	KGM
391	WSDOT Ltr 0358 - PCO 238 - Maturity Meters	WSDOT	KGM

See PW Letter Log or Centric

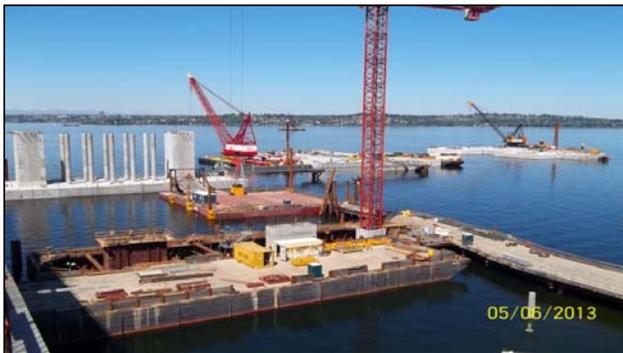
## RFIs

	Project Total	Avg. Time Open*	Current week	Total Open
RFIs	597	14	6	9

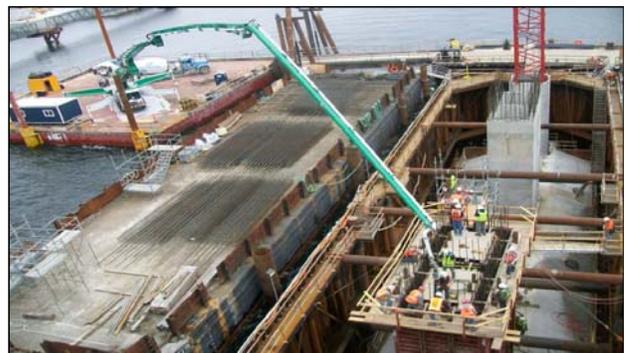
See Centric RFI Log

\* Avg time after all required info from DB provided in order to be able to provide a response

## PICTURES



Pier 1 and Pontoons W, V and U - Lake Washington



Pour Pier 1 South Column - East Approach Lake Washington



Pier 2 North Column pier Table - Medina



Retaining Wall 6 and 7 - Bridge Maintenance Facility



Formwork Pier 36 Transition - Kenmore



Pontoons under various stages - CTC

# Flt Bridge and Landings - Weekly Data

May 10, 2013

## SCHEDULE

Description	Contractural	Contract Baseline	Current / Actual	Difference in Days (Actual - Baseline)
CTC Cycle 1	N/A	April 6, 2012	July 29, 2012	-114
CTC Cycle 1a	N/A	July 24, 2012	February 4, 2013	-195
CTC Cycle 2	N/A	November 10, 2012	July 17, 2013	-249
CTC Cycle 2a	N/A	March 2, 2013	December 16, 2013	-289
CTC Cycle 3	N/A	June 13, 2013	April 21, 2014	-312
CTC Cycle 4	N/A	September 20, 2013	August 23, 2014	-337
Substantial Completion	July 31, 2015	December 5, 2014	September 17, 2015	-286
Physical Completion	May 26, 2016	July 30, 2015	May 18, 2016	-293

*Completion Dates*

### Time Analysis

	Contract Days	Added Days	Days Elapsed	Elapsed %
Substantial Completion	1429	0	617	43%
Physical Completion	300	0	0	0%
Completion	90	0	0	0%

### Potential Schedule Impacts This Period

- Pontoon joining still on hold (ongoing)
- Pier 2 North Column Bottom Slab pour pushed from 5/3 to 5/7

### See Weekly Look Ahead Schedule

## COST

### Emerging Issues Identified This Period (No Cost and Time Information)

Continued review of potential pontoon repair scenarios
Review of "other" facilities for Pontoon Repair
Acceptance of cycle 2 pontoons from Grays Harbor
Dry Dock Facility Security Deposit

### New Potential Change Issues This Period (ROM Cost and Time)

PCO #	Description	Cost	Time	Region Approval
177C	Dry Dock Facility Security Deposit	\$600,000		
	PCP Safety Rail Type 3 Insert Conflict	\$50,000		
	Revised Fall Protection Plan PPDB Cycle 2	\$0		

### New Pending Changes This Period (Contractor Submitted Costs)

PCO #	Description	Cost	Time	Region Approval
142H	Heat Shields for Tolling Cabinets	\$10,307.00	0	
163	Shotcrete at Walls 2 and 3	-\$17,798.00	0	

### Force Account (Updated Monthly)

CO #	Description	Contract Value	Amount Paid
58	Underwater Dive Inspection and Crack Mapping	\$ 500,000	\$987,952

### Change Orders Executed This Period

CO #	Description	Cost	Time
77	2012 Late Sockeye Fishing Notification	\$4,301.00	0

### Work Agreements Authorized This Period

WA #	Description
	No Work Agreement this week

	Number	Dollar Value	Schedule Impact
<b>Original Contract Value</b>		\$586,561,000	
<b>Executed Change Orders</b>	66	\$25,791,655	0
<b>Current Contract Value</b>		\$612,352,655	
<b>Payments to Date: (for work completed thru February 2013)</b>		\$225,959,381	37%
<b>Pending Changes</b>	96	\$48,581,000	0
<b>Potential Change Issues</b>	96	\$87,498,000	0
		\$748,431,655	\$1,288,671

See Change Management Log

**OUTSTANDING ISSUES AND AREAS OF CONCERN**

## SR 520 Bridge Replacement and HOV Program

I-5 to Medina: Stage 1 Evergreen Point Floating Bridge and Landings

### Weekly Construction Report

Program Director:	Julie Meredith	Week Ending:	5/17/2013
Construction Manager:	Dave Becher	Project:	8066/U52004B
Deputy Construction Manager:	Greg Meadows	Project Budget:	\$612.3M
Business Manager:	Julia Mizuhata	Project Cost to Date:	\$235.2M
Design-Builder:	Kiewit/General/Manson (KGM)		

### PROGRESS SUMMARY

#### THIS WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

###### CTC (Cycle 2 / 3rd of 6 cycles)

- Place concrete wall pour 1 in Pontoon 2G and wall pour 2 in 5B and 2E.
- Continue placing rebar, forms, continuity welding, placing inserts, placing watertight doors, stripping forms and construction joint prep for all pontoons.

###### Port of Tacoma / EB1

- Place wall conduit and branch rack conduits 1E-6F.

##### City of Medina

###### East Approach

- Pier 1 - Place concrete for North Column infill, place reinforcement steel and forms for North Column lift 2.
- Pier 2 - South Pier Table - Remove pier table false work.
- Pier 2 - North Pier Table - Place stem wall and diaphragm reinforcement steel.
- Pier 3, South End Span (MR Bridge) - Remove end span false work and form work.

###### Bridge Maintenance Facility & Dock

- Retaining Walls - Place shotcrete at Wall 6 and 7.

##### Lake Washington

###### Floating Bridge

- Pontoons - joint mockup at Pontoons V and U - Remove scaffolding and clean up pontoons.
- Pontoon T towed from EB1 to Lake Washington

###### Pier 36

- Install fender inserts and place column reinforcement cages.

##### Kenmore Site

- Pier 36 fabricate formwork for cross beams.
- Continue assembling formwork on bridge deck panel precast facility.

#### NEXT 2 WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

###### CTC (Cycle 2 / 3rd of 6 cycles)

- Place concrete wall pour 2 in pontoons 5D, 2G and 2H.
- Continue placing rebar, forms, continuity welding, placing inserts, stripping forms, construction joint prep for all pontoons to advance their schedule for top deck pours.

###### Port of Tacoma / EB1

- Continuation of wall conduit 1E-6F, dry finishing and waterproofing for pontoon 5E and repair of cell 9 in pontoon 5D.
- Buyoff of all cycle 1A pontoons at EB1.

##### City of Medina

###### East Approach

- Pier 1 - Place concrete for South Column infill and for North Column Lift 2.
- Pier 2 - South Pier Table - Remove pier table false work and form work.
- Pier 2 - North Pier Table - Place stem wall and diaphragm forms and place concrete for web walls and diaphragm.
- Pier 3, South End Span 1 (MR Bridge) - Remove End Span false work.

###### Bridge Maintenance Facility & Dock

- Retaining Walls - Remove forms at Walls 5 and 7.

##### Lake Washington

###### Floating Bridge

- Pontoons - joint mockup at Pontoon V and U - De-brief reports and submit Mockup final report.
- Tow Pontoon A to Lake Washington
- Set up and proof test Fluke Anchors BN/BS.
- Clean Pontoon T and prep for ocean tow to Portland

**Pier 36**

- Place Stage 2 concrete, fabricate and place column forms.

**Kenmore Site**

- Clean and prepare the barge KP203 for constructing pier 36 cross beams precast portions.
- Fabricate formwork for pier 36 cross beam soffit blocks.

**SAFETY**

<i>WSDOT / KGM</i>	Previous Total	Current Week	Project Total
<b>Reportable Incidents</b>	1/12	0/0	1/12
<b>Lost Time Incidents</b>	1/1	0/0	1/1
<b>Contract Days without an Incident</b>			400/9

- Medina area, worker scraped hand. First Aid
- Bee Sting last week resulted in allergic reaction and required medical care. Recordable

**ENVIRONMENTAL**

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	14	2	16
<b>Minor Environmental Event</b>	24	0	24

- 5/13 - Non-compliance - Ryan McReynolds (USFWS) was notified by WSDOT we were late in submitting our 2012 water quality monitoring report.
- 5/10 - Stephen Sax performed an environmental walk through at CTC with Robert Brenner and Andrew Kincaid. Several items were identified, corrective actions and timelines for implementation were discussed. Fugitive dust inspection checklists were added to their environmental documentation.
- 5/15 - WSDOT received confirmation from Ryan McReynolds (USFWS) that he had received the report and monitoring data sheets, it met their needs and was added to the ESA consultation record.
- 5/15 - Pat Svoboda and Trent Ensminger from WSDOT ESO performed a scheduled audit at Medina and CTC. The purpose of the audits was to assess SPCC implementation. They met with Stephen Sax and Andrew Kincaid at Medina. Overall the site looked great and they will be submitting a report to us in a few weeks.
- 5/16 - Non-compliance - At Kenmore, a gasket on a winch chain failed. Approximately a cup of chain oil landed on the barge deck. It flowed across the deck and small amount entered the lake creating a sheen 20' by 6". It was immediately cleaned up.

**QUALITY**

	Previous Total	Current Week	Project Total	Open	Closed
<b>Audits - Planned vs Actual</b>	724	3-16	740	67	673

	Previous Total	Open	Current Week	Avg. Time Open
<b>Non-Compliance Incidents (NCI)</b>	272	68	8	90
<b>Non-Compliance Reports (NCR)</b>	133	48	3	85

**NCI's were issued for the following reasons:**

- EB1 mooring line not being maintained in accordance with their Mooring plan.
- Pier 1 South Column Lift 1 Reinforcing steel clearance tolerances.
- Pontoon 2E wall pour 1 excess tie wire in clear zone.
- Pontoon Type 5A concrete cure wall pour 2 inadequate water cure after pour.
- Pontoon 2G clear zone tie wire clearance issue.
- Concrete placement issues at Pier 1 South Column lift 1. Conc. 5 minutes over time in truck.

**NCR's were issued for the following reasons:**

- Water cure not present during Pontoon 2E Wall pour 1 for wall 2L, 3L & along cell 8.
- Pontoon A box column dowels not at correct spacing.
- Pontoon S was spalled in two spots during transport and moorage at EB1.

See NCI/NCR Log

**PUBLIC OUTREACH / COMMUNICATION**

- Continued coordinating with multiple agencies about Kenmore construction activities and inquiries.
- Began coordinating Memorial Day and July 4th navigation channel openings for marine community.
- Reviewed and finalized materials for 5/20 Kenmore City Council briefing.
- Distributed press release and legislative notification of upcoming pontoon movements.
- Distributed email update announcing arrival and transport of Pontoon T through the Hiram M. Chittenden Locks.
- Begin preparing for 6/8 ASCE-TCLEE-EIC (earthquake committee) tour.

**SENT / RECEIVED - SERIAL LETTERS FOR WEEK (Friday thru Thursday)**

Serial	Topic	TO	FROM
385	KGM SL 0394 PCO 177 Drydock Preparation and Startup	KGM	WSDOT
386	Miscellaneous Deduction April 2013 Estimate	KGM	WSDOT

387	DBIC Narrower Staircase at Sentinels	KGM	WSDOT
393	PCO 145 - OIC Belvedere Security lighting	WSDOT	KGM
394	WSDOT Ltr 0384 - Drydock Preparation and Startup	WSDOT	KGM
395	PCO 216 - DBIC Wall to Deck Rebar Detail	WSDOT	KGM
396	CO Request for Resin Bonded Drilled in Anchors	WSDOT	KGM
397	OIC Bird Ramp @ SSP's	WSDOT	KGM
398	DBIC Narrow staircase at Sentinels	WSDOT	KGM
399	DBIC - Pontoon Rail Resin Bonded Anchors	WSDOT	KGM
400	Material Procurement for Type 1/1A Coffier Cell	WSDOT	KGM
401	PCO #475B - Pontoon W Monitoring	WSDOT	KGM
402	DBIC Stormwater Pipe for Bridges	WSDOT	KGM
403	Drill into Top Deck for the Temporary Handrail	WSDOT	KGM

See PW Letter Log or Centric

### RFIs

	Project Total	Avg. Time Open*	Current week	Total Open
RFIs	602	14	4	10

See Centric RFI Log

\* Avg time after all required info from DB provided in order to be able to provide a response

### PICTURES



Pier 1 and Pontoons W East Approach - Lake Washington



Pier 2 North Column Pier Table - Medina



Removing False Work from Pier 2 South Column pier Table - Medina



Shotcreting at Wall 6 and 7 - Bridge Maintenance Facility



Work site at Kenmore



Upper PT Ducts in 2F - CTC

# SR520 Flt Bridge and Landings Weekly Report - Attachment A

May 17, 2013

## SCHEDULE

Description	Contract	Contract Baseline	Current / Actual	Difference in Days (Actual - Baseline)
CTC Cycle 1	N/A	April 6, 2012	July 29, 2012	-114
CTC Cycle 1a	N/A	July 24, 2012	February 4, 2013	-195
CTC Cycle 2	N/A	November 10, 2012	July 17, 2013	-249
CTC Cycle 2a	N/A	March 2, 2013	December 16, 2013	-289
CTC Cycle 3	N/A	June 13, 2013	April 21, 2014	-312
CTC Cycle 4	N/A	September 20, 2013	August 23, 2014	-337
Substantial Completion	July 31, 2015	December 5, 2014	September 17, 2015	-286
Physical Completion	May 26, 2016	July 30, 2015	May 18, 2016	-293
<i>Completion Dates</i>				

### Time Analysis

	Contract Days	Added Days	Days Elapsed	Elapsed %
Substantial Completion	1429	0	624	44%
Physical Completion	300	0	0	0%
Completion	90	0	0	0%

### Potential Schedule Impacts This Period

East Appr Segmental Gantry/Formwork submittal not received as planned  
 Pontoon QNW was planned to be towed last week, was towed this week

### See Weekly Look Ahead Schedule

## COST

### Emerging Issues Identified This Period (No Cost and Time Information)

Authorization to proceed with pontoon repair resource acquisition
Authorization to proceed with pontoon repair material procurement
Narrow Staircase in Sentinels

### New Potential Change Issues This Period (ROM Cost and Time)

PCO #	Description	Cost	Time	Region Approval
263	Global Pontoon Analysis for Live Loads HCT Configuration	\$25,000		

### New Pending Changes This Period (Contractor Submitted Costs)

PCO #	Description	Cost	Time	Region Approval
	Dry Dock Facility Security Deposit	\$600,000.00	0	
145	Belvedere Security Lighting	\$325,068.00	0	
219	Bird Ramp Design	\$27,486.00	0	
475B	Monitor Pontoon W	\$15,949.00	0	
201/251	DBIC - Resin Bonded Anchors for Pontoon Rail Base	\$0.00	0	
	DBIC - Deck to Wall Rebar Detail (PPDB)	\$0.00		
138	DBIC - Stormwater Pipes for Bridges	\$0.00		

### Force Account (Updated Monthly)

CO #	Description	Contract Value	Amount Paid
58	Underwater Dive Inspection and Crack Mapping	\$ 500,000	\$1,422,046

### Change Orders Executed This Period

CO #	Description	Cost	Time
80	LED Light Loss Factor	\$0.00	0
92	Delete Paint Behind Pontoon Cell LED Luminaires	-\$17,007.00	0
93	Delete Fiberglass Reinforced Plastic (FRP) Mock-Up	-\$12,000.00	0

### Work Agreements Authorized This Period

WA #	Description
	No Work Agreement this week

--

	Number	Dollar Value	Schedule Impact
<b>Original Contract Value</b>		\$586,561,000	
<b>Executed Change Orders</b>	69	\$25,762,648	0
<b>Current Contract Value</b>		\$612,323,648	
<b>Payments to Date: (for work completed thru February 2013)</b>		\$235,228,972	38%
<b>Pending Changes</b>	96	\$63,165,000	0
<b>Potential Change Issues</b>	96	\$72,854,000	0
		\$748,342,648	

See Change Management Log

**OUTSTANDING ISSUES AND AREAS OF CONCERN**

## SR 520 Bridge Replacement and HOV Program

I-5 to Medina: Stage 1 Evergreen Point Floating Bridge and Landings

### Weekly Construction Report

Program Director:	Julie Meredith	Week Ending:	5/24/2013
Construction Manager:	Dave Becher	Project:	8066/U52004B
Deputy Construction Manager:	Greg Meadows	Project Budget:	\$612.3M
Business Manager:	Julia Mizuhata	Project Cost to Date:	\$235.2M
Design-Builder:	Kiewit/General/Manson (KGM)		

### PROGRESS SUMMARY

#### THIS WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### CTC (Cycle 2 / 3rd of 6 cycles)

- Place concrete wall pour 2 in 2G and 5D.
- Continue placing top mat, bottom mat, soffit formwork, stripping wall forms and placing inserts in pontoons 5A, 5C, 5B, 2E and 2F.

##### Port of Tacoma / EB1

- Continuation of wall conduit and Scan and Drill 2E-6H, dry finishing for Pontoon 5E and repair of cell 9 in Pontoon 5D.

##### City of Medina

##### East Approach

- Pier 1 - Place concrete for South Column infill and place reinforcement steel and forms for North Column Lift 2.
- Pier 2 - South Pier Table - Prep site for placement of bridge span forms.
- Pier 2 - North Pier Table - Place Stem Wall and Diaphragm reinforcement steel and forms.
- Pier 3, South End Span (MR Bridge) - Prep site for placement of bridge span forms.

##### Bridge Maintenance Facility & Dock

- Retaining Walls - Remove forms at Walls 5 and 7.

##### Lake Washington

##### Floating Bridge

- pontoons - Set and Proof Test Fluke Anchors BN/BS and prep Pontoon A for tow to Lake.
- Clean Pontoon T and prep for tow

##### Pier 36

- Place concrete for Shafts 2nd stage.

##### Kenmore Site

- Pier 36 fabricate formwork for cross beams and soffit blocks.
- Build Pier 36 cross beam soffit on Barge KP203.

#### NEXT 2 WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### CTC (Cycle 2 / 3rd of 6 cycles)

- Place concrete for top deck for pontoons 5C and 2F.
- Continue placing top and bottom mats of steel, install soffit formwork, stripping wall forms and placing inserts in pontoons 5A, 5B, 5D, 2E, 2G and 2H.

##### Port of Tacoma / EB1

- Continuation of wall conduit and scan and drill 2E-6H, dry finishing for Pontoon 5E and repair of cell 9 in Pontoon 5D.
- Buyoff of all cycle 1A pontoons at EB1.

##### City of Medina

##### East Approach

- Pier 1 - Place concrete for North Column lift 2 and place reinforcement steel and forms for South Column lift 2
- Pier 2 - South Pier Table - Prep site for placement of bridge span forms.
- Pier 2 - North Pier Table - place forms and concrete for Stem walls and Diaphragm.
- Pier 3, South End Span 1 (MR Bridge) - Begin placement of South Bridge Span forms.

##### Bridge Maintenance Facility & Dock

- Retaining Walls - Remove forms at Walls 5 and 7.

##### Lake Washington

##### Floating Bridge

- pontoons - prepare and submit joint mockup final report.
- Tow Pontoon A to Lake Washington

- Finish installation of cathodic protection at pontoon anchor cables.
- Clean Pontoon T and prep for tow

**Pier 36**

- Fabricate and place column forms and concrete.

**Kenmore Site**

- Constructing precast portions of pier 36 cross beams on Barge KP203 and layout control points on the soffit.

**SAFETY**

WSDOT / KGM	Previous Total	Current Week	Project Total
Reportable Incidents	1/12	0/0	1/12
Lost Time Incidents	1/1	0/0	1/1
Contract Days without an Incident			407/16

- No Incidents this week
- Last week. East Appro P-2 falsework removal, nylon lifting sling was cut on sharp edge dropping load. Near miss, No injuries

**ENVIRONMENTAL**

	Previous Total	Current Week	Project Total
Non-Compliance Event	16	0	16
Minor Environmental Event	24	0	24

- On site visit is being scheduled to Vigor Drydock in Seattle with some of the environmental team staff in early June. The date is TBD.
- WSDOT is looking into how to ensure that BMP's are in place at dry docks for compliance with ESA commitments.
- SEPA/NEPA is being updated with a memo to describe the repair work at the shipyard and cofferdam.
- Continued coordination and discussion with KGM for amending the Fish Handling Plan to include the coffer dams.

**QUALITY**

	Previous Total	Current Week	Project Total	Open	Closed
Audits - Planned vs Actual	740	4-4	744	71	673

	Previous Total	Open	Current Week	Avg. Time Open
Non-Compliance Incidents (NCI)	280	80	4	97
Non-Compliance Reports (NCR)	136	51	0	91

**NCI's were issued for the following reasons:**

- Protection of rebar during storage from corrosion at Pier 36.
- Routing of ground wires at Pier 36.
- Staggering of welded splices at Pier 36.
- Amount of fog spray and moist curing for top of wall for Pontoon 2G at CTC.

**NCR's were issued for the following reasons:**

- None reported this week.

See NCI/NCR Log

**PUBLIC OUTREACH / COMMUNICATION**

- Continued coordinating with multiple agencies about Kenmore construction activities and inquiries.
- Continued coordinating Memorial Day and July 4th navigation channel openings for marine community.
- Finalized materials and Participated in 5/20 Kenmore City Council briefing.
- Coordinated with Program staff for 5/30 interview/tour on the project site.
- Prep for project tour with Keith Metcalf on May 31st
- Continued preparing for 6/8 ASCE-TCLEE-EIC (earthquake committee) tour.

**SENT / RECEIVED - SERIAL LETTERS FOR WEEK (Friday thru Thursday)**

Serial	Topic	TO	FROM
388	CO 097 Dry Docking Deposit	KGM	WSDOT
389	KGM Serial Letter 0382- Notice on insurance Premium Increase on the pontoon (PFS)	KGM	WSDOT
390	KGM Serial letter 0385- Clarification for Buy American - Portable Pumps	KGM	WSDOT
391	KGM SL 0388 - Modification of Couplers to Maintain Coverage	KGM	WSDOT
392	KGM Serial Letter 0401 - PCO #475B (Feb. & Mar. Invoice) - Pontoon W Monitoring	KGM	WSDOT
393	KGM SL 0384 Pontoon Crack Mapping to Date	KGM	WSDOT
394	KGM SL 0403 DBIC Drilling into PPDB Top Deck for Temporary Handrail Posts	KGM	WSDOT
395	WSDOT SL 0357 Cofferdam Early Material Ordering	KGM	WSDOT
396	KGM SL 0134, Response to WSDOT LTR - 0086 Tendon Pullout Repair	KGM	WSDOT
397	KGM SL 0391 DBIC Use of Maturity Meter in Lieu of Test Cylinders	KGM	WSDOT

365	Schedule Change at Evergreen Point Road	WSDOT	KGM
404	OIC Aids to Navigation	WSDOT	KGM
405	Revised Proposal for the Joining Material Testing	WSDOT	KGM
406	Additional Work Moorage Prep at EB1	WSDOT	KGM
407	DBIC FRP Handrail Factor of Safety	WSDOT	KGM
409	Withdraw PCO 475A & 476C Proposals	WSDOT	KGM

See PW Letter Log or Centric

**RFIs**

	Project Total	Avg. Time Open*	Current week	Total Open
RFIs	608	14	6	10

See Centric RFI Log

\* Avg time after all required info from DB provided in order to be able to provide a response

**PICTURES**



Pontoon T being prepped for tow - Lake Washington



Pier 1 North Column East Approach - Medina



Falsework Removal from Pier 2 South Column - Medina



East Approach Project Site - Medina



Pier 36 Cross Beam Forming at Kenmore



Pontoon Construction - CTC

# SR520 Flt Bridge and Landings Weekly Report - Attachment A

May 24, 2013

## SCHEDULE

Description	Contract	Contract Baseline	Current / Actual	Difference in Days (Actual - Baseline)
CTC Cycle 1	N/A	April 6, 2012	July 29, 2012	-114
CTC Cycle 1a	N/A	July 24, 2012	February 4, 2013	-195
CTC Cycle 2	N/A	November 10, 2012	July 17, 2013	-249
CTC Cycle 2a	N/A	March 2, 2013	December 16, 2013	-289
CTC Cycle 3	N/A	June 13, 2013	April 21, 2014	-312
CTC Cycle 4	N/A	September 20, 2013	August 23, 2014	-337
Substantial Completion	July 31, 2015	December 5, 2014	September 17, 2015	-286
Physical Completion	May 26, 2016	July 30, 2015	May 18, 2016	-293
<i>Completion Dates</i>				

### Time Analysis

	Contract Days	Added Days	Days Elapsed	Elapsed %
Substantial Completion	1429	0	631	44%
Physical Completion	300	0	0	0%
Completion	90	0	0	0%

### Potential Schedule Impacts This Period

*No new issues this week*

### See Weekly Look Ahead Schedule

## COST

### Emerging Issues Identified This Period (No Cost and Time Information)

WSDOT met with KGM last week about a global settlement
Meeting with KGM on Tuesday to discuss the price for the Cycle 1 crack repair.

### New Potential Change Issues This Period (ROM Cost and Time)

PCO #	Cost	Time	Region Approval
<i>No New PCO's this week</i>			

### New Pending Changes This Period (Contractor Submitted Costs)

PCO #	Cost	Time	Region Approval
102 Revised Pricing for Joining Bolt Testing	\$103,550.00	0	
174 DBIC - FRP Factor of Safety	\$0.00	0	
194 Nautical Measured Mile Markers	\$18,881.00	0	
234 Access Control Schedule Change at Evergreen Pt Road	\$660,303.00	0	
211F Moorage Prep at EB1	\$56,154.00	0	
475A Padeye Spall Repair (rescind request for compensation)	-\$6,000.00	0	
476C Pontoon V Perimeter Seal (rescind request for compensation)	-\$5,000.00	0	

### Force Account (Updated Monthly)

CO #	Contract Value	Amount Paid
58 Underwater Dive Inspection and Crack Mapping	\$500,000.00	\$1,422,046

### Work Agreements Authorized This Period

WA #
<i>No Work Agreement this week</i>

	Number	Dollar Value	Schedule Impact
<b>Original Contract Value</b>		\$586,561,000	
<b>Executed Change Orders</b>	70	\$25,762,648	0
<b>Current Contract Value</b>		\$612,323,648	
<b>Payments to Date: (for work completed thru March 2013)</b>		\$235,228,972	38%

Pending Changes	91	\$62,828,000	0
Potential Change Issues	83	\$72,091,000	0
		\$747,242,648	

See Change Management Log

**OUTSTANDING ISSUES AND AREAS OF CONCERN**

- Tribal Coordination - Vigor Sites
- Crack Repair Status Update (Vigor Sites and Coffercell)
- Cycle 2 PFS Inspection - EB1 and Grays Harbor
- Assembly Bolt Inspection Status
- Pontoon W Column Repair
- Eastside Coordination
- Moorage EB1/Lake Washington

## SR 520 Bridge Replacement and HOV Program

I-5 to Medina: Stage 1 Evergreen Point Floating Bridge and Landings

### Weekly Construction Report

Program Director:	Julie Meredith	Week Ending:	5/31/2013
Construction Manager:	Dave Becher	Project:	8066/U52004B
Deputy Construction Manager:	Greg Meadows	Project Budget:	\$612.3M
Business Manager:	Julia Mizuhata	Project Cost to Date:	\$235.2M
Design-Builder:	Kiewit/General/Manson (KGM)		

### PROGRESS SUMMARY

#### THIS WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### **CTC (Cycle 2 / 3rd of 6 cycles)**

- Dry finishing wall pour 1 in pontoons 5A, 5B, 5D, 2E, 2F, 2G and 2H.
- First top deck pour on Pontoon 5C (SSE); continued to install top and bottom mat rebar, formed soffits and installed inserts.

##### **Port of Tacoma / EB1**

- Install wall conduit, install rack and wall conduit and scan and drill Pontoon S.

##### City of Medina

##### **East Approach**

- Pier 1 - Place Reinforcement steel and forms for North Column Lift 2.
- Pier 2 - South Pier Table - Prepare area for placement of bridge span forms.
- Pier 2 - North Pier Table - Place Stem Wall and Diaphragm forms.
- Pier 3 - South End Span (MR Bridge) - Begin placement of bridge span forms.

##### **Bridge Maintenance Facility & Dock**

- No work this week.

##### Lake Washington

##### **Floating Bridge**

- Set up and retest Fluke Anchors IN/IS.
- Prep Pontoon W for removal off anchors and prep Pontoon A for tow to Lake Washington from EB1.

##### **Pier 36**

- Set column forms in place.

##### Kenmore Site

- Assemble Pier 1 north column top portion rebar mat.
- Build Pier 36 cross beam soffit on Barge KP203 and layout control points on the soffit.
- Erect Pier 36 cross beam formworks.

#### NEXT 2 WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### **CTC (Cycle 2 / 3rd of 6 cycles)**

- Place concrete for top deck for pontoons 5A and 2F.
- Continue placing top and bottom mats of steel, pre-stripping of soffit formwork, stripping of exterior wall forms, drilling in handrail anchors on pontoons 5D, 2E, 2G and 2H.

##### **Port of Tacoma / EB1**

- No work planned.

##### City of Medina

##### **East Approach**

- Pier 1 - Place concrete for North Column lift 2 and place reinforcement steel and forms for South Column lift 2
- Pier 2 - South Pier Table - Prep site for placement of bridge span forms.
- Pier 2 - North Pier Table - place concrete for Stem walls and Diaphragm and remove Stem Wall and Diaphragm forms.
- Pier 3 - South End Span 1 (MR Bridge) - Place South Bridge Span forms.

##### **Bridge Maintenance Facility & Dock**

- No work planned.

##### Lake Washington

##### **Floating Bridge**

- Set up and re-test Fluke Anchors RN/RS.

- Tow Pontoon A to Lake Washington
- Prepare Pontoon W for tow.

**Pier 36**

- Place column concrete, fabricate and set stair tower.

**Kenmore Site**

- Erect pier 36 cross beam formwork and install rebar, column ducts, pivot pins cross beams, picking chains, west approach anchor bolts templates, and transitions span anchor bolts templates.

**SAFETY**

WSDOT / KGM	Previous Total	Current Week	Project Total
Reportable Incidents	1/12	0/0	1/12
Lost Time Incidents	1/1	0/0	1/1
Contract Days without an Incident			414/23

- No Incidents this week

**ENVIRONMENTAL**

	Previous Total	Current Week	Project Total
Non-Compliance Event	16	0	16
Minor Environmental Event	24	0	24

- 5/29 - WSDOT staff toured the Vigor site in Seattle with biologists to learn more about how the facility operates and any potential impacts to ESA listed fish species. It will be presented to the Services as being a floating vessel.
- 6/4 - Monica Shoemaker from DNR will be on site to learn about water quality monitoring.
- 6/10 - The Services will be visiting the Medina site to learn about the site.
- SEPA/NEPA documentation is being updated to describe the crack repair operations at the dry docking facility and coffer dam.

**QUALITY**

	Previous Total	Current Week	Project Total	Open	Closed
Audits - Planned vs Actual	744	8-10	754	73	681

	Previous Total	Open	Current Week	Avg. Time Open
Non-Compliance Incidents (NCI)	284	80	5	87
Non-Compliance Reports (NCR)	136	51	0	109

**NCI's were issued for the following reasons:**

- 3 - Fugitive dust control at CTC site
- 2 - Concrete containment at CTC site and EB1

**NCR's were issued for the following reasons:**

- NCR's 131 & 134 were revised by adding additional locations of inadequate saturation (131) and improper water cure (134).

See NCI/NCR Log

**PUBLIC OUTREACH / COMMUNICATION**

- Continued coordinating with multiple agencies about Kenmore construction activities and inquiries.
- Continued coordinating July 4th navigation channel openings for marine community.
- Coordinated with Program staff for 5/30 STEM interview/tour on the project site.
- Continued preparing for 6/8 ASCE-TCLEE-EIC (earthquake committee) tour.
- Continued coordinating stakeholder input for proposed nautical mile marker signage.
- Continued internal coordination regarding communication and tracking of pontoon towing.

**SENT / RECEIVED - SERIAL LETTERS FOR WEEK (Friday thru Thursday)**

Serial	Topic	TO	FROM
398	KGM SL 0176 - Materials Testing Responsibility	KGM	WSDOT
399	Update Assembly Bolt Components Corrosion protection	KGM	WSDOT
400	KGM SL 0383 PCO 261 Anchor L testing Impacts	KGM	WSDOT
401	KGM SL 0399 DBIC Pontoon Rail Resin Bonded Anchors	KGM	WSDOT
402	KGM SL 0405 W Ltr 0147 Revised Proposal for the Joining Material Testing	KGM	WSDOT
403	Pontoon Joint Assembly Bolt/Nut Testing	KGM	WSDOT
408	Return pontoons V and W to pre-joining condition	WSDOT	KGM
410	WSDOT Ltr 0393 - Pontoon Crack Mapping	WSDOT	KGM
414	FRP Components, 316L to 316 Stainless Steel	WSDOT	KGM

See PW Letter Log or Centric

**RFIs**

	Project Total	Avg. Time Open*	Current week	Total Open
RFIs	612	15	3	9

See Centric RFI Log

\* Avg time after all required info from DB provided in order to be able to provide a response

**PICTURES**



Prepping to take Pontoon W off anchor - Lake Washington



Pier 1 North Column East Approach - Medina



Form Traveler Rails on Pier 2 South Pier Table - Medina



Pier 2 North Pier Table - Medina



Pier 36 Cross Beam Forming on Barge at Kenmore



Pontoon Construction - CTC

SR520 Flt Bridge and Landings Weekly Report - Attachment A

May 31, 2013

**SCHEDULE**

Description	Contract	Baseline January 2012	Current / Actual March 2013	Difference in Days (Actual - Baseline)
CTC PPDB Production	N/A	9/20/2013	8/23/2014	-337
CTC Cycle 1	N/A	4/6/2012	7/29/2012	-114
CTC Cycle 1a	N/A	7/24/2012	2/4/2013	-195
CTC Cycle 2	N/A	11/10/2012	7/17/2013	-249
CTC Cycle 2a	N/A	3/2/2013	12/16/2013	-289
CTC Cycle 3	N/A	6/13/2013	4/21/2014	-312
CTC Cycle 4	N/A	9/20/2013	8/23/2014	-337
Pier 36	11/15/2013	11/1/2012	10/17/2013	-350
Floating Bridge Superstructure	N/A	9/23/2014	7/14/2015	-294
East Approach	N/A	10/16/2014	2/11/2015	-118
Maintenance Building	N/A	6/12/2014	9/9/2014	-89
<b>Substantial Completion</b>	<b>7/31/2015</b>	<b>12/5/2014</b>	<b>9/17/2015</b>	<b>-286</b>
Existing Bridge Demolition	N/A	7/8/2015	3/21/2016	-257
<b>Physical Completion</b>	<b>5/26/2016</b>	<b>7/30/2015</b>	<b>5/18/2016</b>	<b>-293</b>
<i>Completion Dates</i>				

**Time Analysis**

	Contract Days	Added Days	Days Elapsed	Elapsed %
Substantial Completion	1429	0	638	45%
Physical Completion	300	0	0	0%
Completion	90	0	0	0%

**Potential Schedule Impacts This Period**

CTC - Top deck pour scheduled for 5/31. KGM is working 4-10 hour days to pour deck on 5/30. Status for pouring top deck on 5/30 is 50-60 percent confidence.  
 Pontoon A delivery has slipped out due to weather. Expected to be on Lk WA next week.  
 Maintenance Pier deck panels moved up to this week end due to crane operations conflicts in the vic of EAB Pier 1 and Pier 1  
 East Appro Br Pier 1 rebar scheduled for 5/28. Crews working 5/28 thru 5/31

See Weekly Look Ahead Schedule

**COST**

**Emerging Issues Identified This Period (No Cost and Time Information)**

Met with KGM to discuss the price for the Cycle 1 crack repair.

**New Potential Change Issues This Period (ROM Cost and Time)**

PCO #	Cost	Time	Region Approval
No New PCO's this week			

**New Pending Changes This Period (Contractor Submitted Costs)**

PCO #	Cost	Time	Region Approval
264	Type 316 Stainless Steel inserts in lieu of 316L (DBIC)	\$0.00	0

**Force Account (Updated Monthly)**

CO #	Contract Value	Amount Paid
58	Underwater Dive Inspection and Crack Mapping	\$500,000.00
		\$1,422,046

**Work Agreements Authorized This Period**

WA #
No Work Agreement this week

	Number	Dollar Value	Schedule Impact
<b>Original Contract Value</b>		\$586,561,000	
<b>Executed Change Orders</b>	72	\$25,762,648	0
<b>Current Contract Value</b>		\$612,323,648	
<b>Payments to Date: (for work completed thru March 2013)</b>		\$235,228,972	38%
<b>Pending Changes</b>	90	\$63,332,000	0
<b>Potential Change Issues</b>	83	\$72,096,000	0
		\$747,751,648	

See Change Management Log

#### OUTSTANDING ISSUES AND AREAS OF CONCERN

- Tribal Coordination - Vigor Sites
- Crack Repair Status Update (Vigor Sites and Coffercell)
- Assembly Bolt Inspection Status
- Pontoon W Column Repair
- Eastside Coordination
- Moorage EB1/Lake Washington

## SR 520 Bridge Replacement and HOV Program

I-5 to Medina: Stage 1 Evergreen Point Floating Bridge and Landings

### Weekly Construction Report

Program Director:	Julie Meredith	Week Ending:	6/7/2013
Construction Manager:	Dave Becher	Project:	8066/U52004B
Deputy Construction Manager:	Greg Meadows	Project Budget:	\$612.3M
Business Manager:	Julia Mizuhata	Project Cost to Date:	\$235.2M
Design-Builder:	Kiewit/General/Manson (KGM)		

### PROGRESS SUMMARY

#### THIS WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

###### CTC (Cycle 2 / 3rd of 6 cycles)

- Top deck pour on pontoons 5A and 2F and wet cure top deck.
- Continued forming soffits, ribs, laying out inserts, installing temp. handrail, dry finishing interiors, and prep for removal exterior forms on 5A and 2F.

###### Port of Tacoma / EB1

- Installed wall conduit, install rack and wall conduit and scan and drill Pontoon S.
- All punchlist work for TNE, TSE, TNW and TSW is complete and awaiting buyoff from QA.

##### City of Medina

###### East Approach

- Pier 1 - Place concrete for North Column Lift 2.
- Pier 2 - South Pier Table - Place bridge span (traveler) forms.
- Pier 2 - North Pier Table - Place concrete for Stem Wall and Diaphragm.
- Pier 3 - South End Span (MR Bridge) - Prepare area for placement of bridge span forms.

###### Bridge Maintenance Facility & Dock

- Placed Bridge Maintenance Dock precast panels P1, P2, P3, P4, P5 & P6 and placed concrete at the pile to P1 & P2 panel connections.

##### Lake Washington

###### Floating Bridge

- Set up and retested Fluke Anchors RN/RS.
- Pontoon A towed to Lake Washington.
- Prep Pontoon T for tow.

###### Pier 36

- Place concrete for columns and cut and remove shaft casing.

##### Kenmore Site

- Pontoon A precast box columns were barged to Medina from the Kenmore site.
- Erected Pier 36 cross beam formworks, install column ducts doughnuts and install rebar.

#### NEXT 2 WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

###### CTC (Cycle 2 / 3rd of 6 cycles)

- Place concrete for top deck for pontoons 5B, 2E, 5D, 2G and 2H.
- Continue stripping soffit, ribs, exterior wall forms, begin crack mapping, install temp. handrail and pour hatch access curbs in pontoons 5C and 2F.

###### Port of Tacoma / EB1

- No work planned.

##### City of Medina

###### East Approach

- Pier 1 - Place reinforcement steel and forms for South Column lift 2
- Pier 2 - South Pier Table - Place bridge span forms.
- Pier 2 - North Pier Table - Remove Stem walls and Diaphragm forms and erect Top Deck falsework.
- Pier 3 - South End Span 1 (MR Bridge) - Fabricate and begin placement of South Bridge Span forms.

###### Bridge Maintenance Facility & Dock

- No work planned.

##### Lake Washington

**Floating Bridge**

- Prepare and submit Joint Mockup final report.
- Pontoon A anchored on Eastside (Pontoon W location) for column construction
- Prepare Pontoon W for tow.
- Tow Pontoon T.

**Pier 36**

- Fabricate and erect stair tower.

**Kenmore Site**

- Erect pier 36 cross beam formwork and install rebar, column ducts, pivot pins cross beams, picking chains, west approach anchor bolts templates, and transitions span anchor bolts templates.

**SAFETY**

WSDOT / KGM	Previous Total	Current Week	Project Total
Reportable Incidents	1/12	0/0	1/12
Lost Time Incidents	1/1	0/0	1/1
Contract Days without an Incident			421/30

- No Incidents this week

**ENVIRONMENTAL**

	Previous Total	Current Week	Project Total
Non-Compliance Event	16	0	16
Minor Environmental Event	24	1	25

- The SEPA/NEPA memo updating the dry dock work has been drafted and distributed internally for review.
- 6/4 - KGM sent WSDOT a copy of the Administrative Order that was issued to them by Ecology on 5/31. The order requires KGM to comply with State Water Quality standards at Kenmore and implement the BMP's identified in the order.
- 6/5 - KGM was repairing a crane at CTC. Approximately 13 to 15 gallons of diesel fuel was discharged. Approx. 10 gallons was captured by the secondary containment that was in place. Approx. 3 gallons spilled onto the crane tracks and soil. The spill and affected soil was cleaned up and removed. No fuel entered the waters of the state.
- 6/10 - The Services will be visiting the Medina site to learn about the site.

**QUALITY**

	Previous Total	Current Week	Project Total	Open	Closed
Audits - Planned vs Actual	754	3-3	757	15	742

	Previous Total	Open	Current Week	Avg. Time Open
Non-Compliance Incidents (NCI)	289	31	0	108
Non-Compliance Reports (NCR)	136	40	1	97

**NCI's were issued for the following reasons:**

- None reported this week

**NCR's were issued for the following reasons:**

- #137 Pontoon 2G Wall 3L has areas of unconsolidated concrete at 3T & 4T.

See NCI/NCR Log

**PUBLIC OUTREACH / COMMUNICATION**

- Continued coordinating with multiple agencies about Kenmore construction activities and inquiries.
- Continued coordinating July 4th navigation channel openings for marine community.
- Continued preparing for 6/8 ASCE-TCLEE-EIC (earthquake committee) tour.
- Continued coordinating stakeholder input for proposed nautical mile marker signage.
- Continued internal coordination regarding communication and tracking of pontoon towing.
- Press release for Pontoons A, T, and W moves and repairs of Pontoons T, U, V, and W.
- Interview with Mike Lindblom, Seattle Times, regarding repairs of Pontoons T, U, V, and W, 6/6/13.
- Interview with Tracy Vedder, KOMO TV, regarding repairs of Pontoons T, U, V, and W, 6/7/13.

**SENT / RECEIVED - SERIAL LETTERS FOR WEEK (Friday thru Thursday)**

Serial	Topic	TO	FROM
404	Pontoon Moorage Sites and Options	KGM	WSDOT
405	Status of DBIC requests at CTC	KGM	WSDOT
406	KGM SL 0407 - DBIC FRP Hand Rail Factor of Safety	KGM	WSDOT
407	WSDOT SL 0373 and 0387 Sentinel Stairwell Width	KGM	WSDOT
408	KGM SL 0411 - Proceed with Cofferdam Fabrication - PCO 177C	KGM	WSDOT

409	CO 003R1 Delete Type 1 Shed Suspended Ceilings	KGM	WSDOT
410	OIC Global Pontoon Live Load Analysis 6+2 HCT Configuration	KGM	WSDOT
411	CO No. 099 PPDB Horizontal Construction Joints	KGM	WSDOT
412	Request for Estimate for Pontoons T, U, V, and W Repairs	KGM	WSDOT
411	Proceed with Coffier Cell Fabrication - PCO 177C	WSDOT	KGM
415	Core Drilling Through Column Connections	WSDOT	KGM

See PW Letter Log or Centric

**RFIs**

	Project Total	Avg. Time Open*	Current week	Total Open
RFIs	615	15	3	7

See Centric RFI Log

\* Avg time after all required info from DB provided in order to be able to provide a response

**PICTURES**



Pier 36 Column Pour - Lake Washington



East Approach Br Pier 2 South Pier Table Form Travelers - Medina



Pier 2 North Pier Table Stem and Diaphragm Pour - Medina



Maintenance Dock Panels - East Approach



Pier 36 Cross Beam Forming on Barge at Kenmore



Pontoon Construction - CTC

SR520 Flt Bridge and Landings Weekly Report - Attachment A

June 7, 2013

**SCHEDULE**

Description	Contract	Baseline January 2012	Current / Actual March 2013	Difference in Days (Current - Baseline)	Forecast
CTC PPDB Production	N/A	9/20/2013	8/23/2014	337	2/1/2015
CTC Cycle 1	N/A	4/6/2012	7/29/2012	114	7/29/2012
CTC Cycle 1a	N/A	7/24/2012	2/4/2013	195	2/4/2013
CTC Cycle 2	N/A	11/10/2012	7/17/2013	249	8/1/2013
CTC Cycle 2a	N/A	3/2/2013	12/16/2013	289	2/1/2014
CTC Cycle 3	N/A	6/13/2013	4/21/2014	312	8/1/2014
CTC Cycle 4	N/A	9/20/2013	8/23/2014	337	2/1/2015
Pier 36	11/15/2013	11/1/2012	10/17/2013	350	8/15/2013
Floating Bridge Superstructure	N/A	9/23/2014	7/14/2015	294	11/16/2015
East Approach	N/A	10/16/2014	2/11/2015	118	2/11/2015
Maintenance Building	N/A	6/12/2014	9/9/2014	89	9/8/2014
<b>Substantial Completion</b>	<b>7/31/2015</b>	<b>12/5/2014</b>	<b>9/17/2015</b>	<b>286</b>	<b>3/6/2016</b>
Existing Bridge Demolition	N/A	7/8/2015	3/21/2016	257	9/21/2016
<b>Physical Completion</b>	<b>5/26/2016</b>	<b>8/6/2015</b>	<b>5/18/2016</b>	<b>293</b>	<b>12/31/2016</b>
<i>Completion Dates</i>					

**Time Analysis**

	Contract Days	Added Days	Days Elapsed	Elapsed %
Substantial Completion	1429	0	645	45%
Physical Completion	300	0	0	0%
Completion	90	0	0	0%

**Potential Schedule Impacts This Period**

*No issues this week*

See Weekly Look Ahead Schedule

**COST**

**Emerging Issues Identified This Period (No Cost and Time Information)**

WSDOT/KGM to discussions for pricing the Cycle 1 crack repair.
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**New Potential Change Issues This Period (ROM Cost and Time)**

PCO #	Cost	Time	Region Approval
<i>No New PCO's this week</i>			

**New Pending Changes This Period (Contractor Submitted Costs)**

PCO #	Cost	Time	Region Approval
177E	Core Drilling Through Pontoon Type 1/1A End Wall Column Connections	\$6,872.00	0

**Force Account (Updated Monthly)**

CO #	Contract Value	Amount Paid
58	Underwater Dive Inspection and Crack Mapping	\$500,000.00
		\$1,422,046

**Work Agreements Authorized This Period**

WA #
<i>No Work Agreement this week</i>

	Number	Dollar Value	Schedule Impact
<b>Original Contract Value</b>		\$586,561,000	
<b>Executed Change Orders</b>	72	\$25,762,648	0
<b>Current Contract Value</b>		\$612,323,648	
<b>Payments to Date: (for work completed thru March 2013)</b>		\$235,228,972	38%
<b>Pending Changes</b>	90	\$63,332,000	0
<b>Potential Change Issues</b>	83	\$72,096,000	0
		\$747,751,648	

See Change Management Log

#### OUTSTANDING ISSUES AND AREAS OF CONCERN

- Kenmore ESA issues
- Crack Repair negotiations - Pricing request lette sent
- Tribal Coordination - Vigor Sites
- Crack Repair Status Update (Vigor Sites and Coffercell)
- Pontoon W Column Repair
- Eastside Coordination

## SR 520 Bridge Replacement and HOV Program

I-5 to Medina: Stage 1 Evergreen Point Floating Bridge and Landings

### Weekly Construction Report

Program Director:	Julie Meredith	Week Ending:	6/14/2013
Construction Manager:	Dave Becher	Project:	8066/U52004B
Deputy Construction Manager:	Greg Meadows	Project Budget:	\$612.3M
Business Manager:	Julia Mizuhata	Project Cost to Date:	\$235.2M
Design-Builder:	Kiewit/General/Manson (KGM)		

### PROGRESS SUMMARY

#### THIS WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### CTC (Cycle 2 / 3rd of 6 cycles)

- Prepared for top deck pours on pontoons 5B, 5D, 2E, 2G and 2H.
- Prepared for pours of the curb around the hatches in pontoons 5A, 5C and 2F and stripped exterior forms on Pontoon 2F and 5C.

##### Port of Tacoma / EB1

- Installed wall conduit, installed overhead rack and conduit and scanned and drilled Pontoon S.
- All punchlist work for TNE, TSE, TNW, TSW, RSE and RNE is complete and awaiting buyoff from QA.

##### City of Medina

##### East Approach

- Pier 1 - Stripped forms for North Column Lift 2, began placement of forms and reinforcement steel for South Column lift 2.
- Pier 2 - South Pier Table - Placed bridge span Traveler System forms.
- Pier 2 - North Pier Table - Began stripping diaphragm forms.
- Pier 3 - South End Span (MR Bridge) - Assembled and began placement of bridge span Traveler System forms.

##### Bridge Maintenance Facility & Dock

- No work planned.

##### Lake Washington

##### Floating Bridge

- pontoons - Began tow of Pontoon T to Portland and prepared Pontoon W for tow to Seattle.
- Installed remaining Cathodic Protection at anchors.

##### Pier 36

- Placed concrete for grout pads and removed column forms.

##### Kenmore Site

- Pier 36 South and North Cross Beams formwork and rebar installation. Installed column ducts, pivot pins cross beams and installed picking chains.
- Welded the lap splice on the rebar vertical extent of the West Connection Bridge bearing anchor assembly.

#### NEXT 2 WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### CTC (Cycle 2 / 3rd of 6 cycles)

- Place concrete for top deck for pontoons 5B, 2E, 5D, 2G and 2H.
- Prepare for concrete pours of the curb around the hatches in pontoons 5B, 5D, 2E, 2G and 2H; strip exterior wall and top deck forms on Pontoon 5A, 5D, 2E, 2G and 2H.

##### Port of Tacoma / EB1

- Pontoon S will be scanned and drilled 2E-6H, rack and conduit 2E-6H and wall conduit in 2E-6H.

##### City of Medina

##### East Approach

- Pier 1 - Place reinforcement steel and forms for South Column lift 2.
- Pier 2 - South Pier Table - Place bridge Traveler System forms.
- Pier 2 - North Pier Table - Remove stem walls and diaphragm forms and erect top deck falsework.
- Pier 3 - South End Span 1 (MR Bridge) - Place South Bridge Span Traveler System forms.

##### Bridge Maintenance Facility & Dock

- No work planned.

##### Lake Washington

##### Floating Bridge

- Pontoons - Begin repairs to Pontoon T and prepare Pontoon W for tow to dry dock in Seattle.

**Pier 36**

- Fabricate and erect stair tower and set cross beam.

**Kenmore Site**

- Install West Approach anchor bolts templates and install transition span anchor bolts templates. Check survey on all bearing and insert items and place concrete. Install overhang brackets for walkway and install formwork for the job site cast in place concrete placement. Prepare the barge for transport to Pier 36.

**SAFETY**

WSDOT / KGM	Previous Total	Current Week	Project Total
Reportable Incidents	1/12	0/0	1/12
Lost Time Incidents	1/1	0/0	1/1
Contract Days without an Incident			421/30

- No Incidents this week

**ENVIRONMENTAL**

	Previous Total	Current Week	Project Total
Non-Compliance Event	16	0	16
Minor Environmental Event	25	0	25

- 6/10 - WSDOT liaisons, a biologist and a NOAA staff visited the Medina site to learn more about the project. They were impressed with the magnitude of the project and the innovative design of the maintenance dock that enhances fish passage.
- 6/10 - A dead red eared slider turtle was found floating near pier 36. The cause of death was not related to construction activities.
- 6/10 - WSDOT ESO provided a copy of their field assessment results from Medina and CTC site visit on 5/15. The overall comments from Medina were very positive. The overall comments from CTC were positive, except for improper storage of hazardous materials and lack of spill training for subcontractors.
- 6/11 - The Pierce County Department of Health will be meeting with Robert Brenner at CTC to discuss next steps for removal of the contaminated soil from the spill on 6/5.

**QUALITY**

	Previous Total	Current Week	Project Total	Open	Closed
Audits - Planned vs Actual	757	0-21	778	16	762

	Previous Total	Open	Current Week	Avg. Time Open
Non-Compliance Incidents (NCI)	289	31	1	108
Non-Compliance Reports (NCR)	137	41	1	97

**NCIs were issued for the following reasons:**

- Contractor kept discharging concrete after maximum time limit was reached.

**NCRs were issued for the following reasons:**

- #138 Wall cracks repair for shotcrete walls 5 & 6.

See NCI/NCR Log

**PUBLIC OUTREACH / COMMUNICATION**

- Continued coordinating with multiple agencies about Kenmore construction activities and inquiries.
- Continued coordinating communication and materials for July 4 navigation channel opening.
- Continued coordinating stakeholder input for proposed nautical mile marker signage.
- Continued internal coordination and Web updates regarding pontoon tracking and repairs.
- Continued review of draft sustainability reports.
- Began drafting response to comment about drawspan opening.

**SENT / RECEIVED - SERIAL LETTERS FOR WEEK (Friday thru Thursday)**

Serial	Topic	TO	FROM
413	KGM SL 0353 and 0377 DBIC Cathodic Protection Rectifiers	KGM	WSDOT
414	KGM SL 0365 OIC Schedule Change at Evergreen Point Road	KGM	WSDOT
415	KGM SL 0376 DBIC EAB Inserts @ East Approaches.docx	KGM	WSDOT
416	KGM SL 0389 OIC Heat Shields for Roadside Toll Cabinets	KGM	WSDOT
417	KGM SL 0408 Return Pontoons V and W to Prejoining Condition	KGM	WSDOT
418	KGM SL 0410 Pontoon Crack Mapping	KGM	WSDOT
419	KGM SL 0416 Direction to Commence Towing of Pontoon T	KGM	WSDOT
412	WSDOT Ltr 0398 - Materials Testing Responsibility	WSDOT	KGM
413	Anchor Gallery Hardware Bolts	WSDOT	KGM

416	Directions to Tow Pontoon T	WSDOT	KGM
417	Dry Dock Analysis Approval	WSDOT	KGM
418	Reduce Payment for Steel Plate	WSDOT	KGM

See PW Letter Log or Centric

**RFIs**

	Project Total	Avg. Time Open*	Current week	Total Open
RFIs	617	15	2	4

See Centric RFI Log

\* Avg time after all required info from DB provided in order to be able to provide a response

**PICTURES**



Pontoon A on Lake Washington



Prepping Pontoon W for Tow to Seattle on Lake Washington



Pier 1 North Column Pour - East Approach



East Approach Br Pier 2 South Pier Table Form Travelers - Medina



Placing Rebar for Pier 36 Cross Beam on Barge at Kenmore



Pontoon Construction - CTC

# SR520 Flt Bridge and Landings Weekly Report - Attachment A

June 14, 2013

## SCHEDULE

Description	Contract	Baseline January 2012	Current / Actual March 2013	Difference in Days (Current - Baseline)	Forecast
CTC PPDB Production	N/A	9/20/2013	8/23/2014	337	2/1/2015
CTC Cycle 1	N/A	4/6/2012	7/29/2012	114	7/29/2012
CTC Cycle 1a	N/A	7/24/2012	2/4/2013	195	2/4/2013
CTC Cycle 2	N/A	11/10/2012	7/17/2013	249	8/1/2013
CTC Cycle 2a	N/A	3/2/2013	12/16/2013	289	2/1/2014
CTC Cycle 3	N/A	6/13/2013	4/21/2014	312	8/1/2014
CTC Cycle 4	N/A	9/20/2013	8/23/2014	337	2/1/2015
Pier 36	11/15/2013	11/1/2012	10/17/2013	350	8/15/2013
Floating Bridge Superstructure	N/A	9/23/2014	7/14/2015	294	11/16/2015
East Approach	N/A	10/16/2014	2/11/2015	118	2/11/2015
Maintenance Building	N/A	6/12/2014	9/9/2014	89	9/8/2014
<b>Substantial Completion</b>	<b>7/31/2015</b>	<b>12/5/2014</b>	<b>9/17/2015</b>	<b>286</b>	<b>3/6/2016</b>
Existing Bridge Demolition	N/A	7/8/2015	3/21/2016	257	9/21/2016
<b>Physical Completion</b>	<b>5/26/2016</b>	<b>8/6/2015</b>	<b>5/18/2016</b>	<b>286</b>	<b>12/31/2016</b>
<b>Completion</b>	<b>8/24/2016</b>	<b>11/4/2015</b>	<b>8/16/2016</b>	<b>286</b>	<b>3/31/2017</b>
<i>Completion Dates</i>					

### Time Analysis

	Contract Days	Added Days	Days Elapsed	Elapsed %
Substantial Completion	1429	0	652	46%
Physical Completion	300	0	0	0%
Completion	90	0	0	0%

### Potential Schedule Impacts This Period

*No issues this week*

### See Weekly Look Ahead Schedule

## COST

### Emerging Issues Identified This Period (No Cost and Time Information)

WSDOT / KGM to discussions for pricing the Cycle 1 crack repair.

### New Potential Change Issues This Period (ROM Cost and Time)

PCO #		Cost	Time	Region Approval
202	Pontoon VNW Anchor Gallery Hardware	\$5,498		
2110	Alternate Moorage Sites	TBD		
265	Grays Harbor Shackle Connections	TBD		

### New Pending Changes This Period (Contractor Submitted Costs)

PCO #		Cost	Time	Region Approval
142G	Heat Shields for roadside Toll Cabinets	\$10,307.00	0	
259	Cathodic Protection Rectifiers	NO COST		

### Force Account (Updated Monthly)

CO #		Contract Value	Amount Paid
58	Underwater Dive Inspection and Crack Mapping	\$500,000.00	\$1,422,046

### Work Agreements Authorized This Period

WA #	
	<i>No Work Agreement this week</i>

	Number	Dollar Value	Schedule Impact
<b>Original Contract Value</b>		\$586,561,000	
<b>Executed Change Orders</b>	73	\$25,791,783	0
<b>Current Contract Value</b>		\$612,352,783	
<b>Payments to Date: (for work completed thru March 2013)</b>		\$235,228,972	38%
<b>Pending Changes</b>	88	\$63,285,961	0
<b>Potential Change Issues</b>	86	\$72,101,498	0
		\$747,740,242	

See Change Management Log

#### OUTSTANDING ISSUES AND AREAS OF CONCERN

- Kenmore ESA/Lawsuit issues
- WABN/FB&L Schedule Coordination
- Tribal Coordination
- Eastside Coordination (EB 520 Construction Ramp) - Clyde Hill (Mitch Wasserman)
- Crack Repair Negotiations and Change Order Schedule
- Pontoon W Column Repair

## SR 520 Bridge Replacement and HOV Program

I-5 to Medina: Stage 1 Evergreen Point Floating Bridge and Landings

### Weekly Construction Report

Program Director:	Julie Meredith	Week Ending:	6/21/2013
Construction Manager:	Dave Becher	Project:	8066/U52004B
Deputy Construction Manager:	Greg Meadows	Project Budget:	\$612.4M
Business Manager:	Julia Mizuhata	Project Cost to Date:	\$246.4M
Design-Builder:	Kiewit/General/Manson (KGM)		

### PROGRESS SUMMARY

#### THIS WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### CTC (Cycle 2 / 3rd of 6 cycles)

- Top deck pours on pontoons 5B, 5D, 2E, 2G and 2H.
- Poured hatched curb on pontoons 5C and 2F and removed exterior forms, pressure washed, crack mapping, prepped construction joints, concrete repairs for rock pockets and poured consolidation areas.

##### Port of Tacoma / EB1

- Installed rack and conduit, layout wall conduit and scanned and drilled Pontoon S.

##### City of Medina

##### East Approach

- Pier 1 - Placed forms and reinforcement steel for South Column lift 2.
- Pier 2 - South Pier Table - Placed bridge span Traveler System forms.
- Pier 2 - North Pier Table - Erect top deck falsework.
- Pier 3 - South End Span (MR Bridge) - Assembled and began placement of bridge span Traveler System forms.

##### Bridge Maintenance Facility & Dock

- No work planned.

##### Lake Washington

##### Floating Bridge

- Pontoons - Place Pontoon A at east approach Pontoon W anchors, towed and began repairs to Pontoon T at Portland dry dock and continued to prepare Pontoon W for tow to Seattle.
- Installed remaining cathodic protection at anchors.

##### Pier 36

- Fabricate stair tower.

##### Kenmore Site

- Installed transition span anchor bolts templates and one west approach anchor bolt template on crossbeam.

#### NEXT 2 WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### CTC (Cycle 2 / 3rd of 6 cycles)

- Forming and pouring temporary interior wall openings, crack mapping exterior walls, concrete repair on exterior surfaces, waterproofing of construction joints, and epoxy injection (if any) of structural cracks on exterior walls
- FRP installation in the interior cells of the pontoons, crack mapping, waterproofing, pressure washing interiors.

##### Port of Tacoma / EB1

- Install rack and conduit, layout wall conduit and scan and drill Pontoon S.

##### City of Medina

##### East Approach

- Pier 1 - Place reinforcement steel and forms for South Column lift 2, place concrete for South Column lift 2.
- Pier 2 - South Pier Table - Place bridge span Traveler System forms.
- Pier 2 - North Pier Table - Erect top deck falsework and begin placement of top deck forms.
- Pier 3 - South End Span 1 (MR Bridge) - Place South Bridge Span Traveler System forms.

##### Bridge Maintenance Facility & Dock

- No work planned.

##### Lake Washington

##### Floating Bridge

- Pontoons - Continue repairs to Pontoon T in Portland and prepare Pontoon W for tow to dry dock in Seattle.

**Pier 36**

- Erect stair tower and set cross beam.

**Kenmore Site**

- Install mid and top rebar, install west approach anchor bolt templates, and install the picking chains.
- Check survey on all bearings plus the inserted items and move the barge to Medina.

**SAFETY**

<i>WSDOT / KGM</i>	Previous Total	Current Week	Project Total
<b>Reportable Incidents</b>	1/12	0/0	1/12
<b>Lost Time Incidents</b>	1/1	0/0	1/1
<b>Contract Days without an Incident</b>			435/44

- KGM employee slipped as stepping from Pier 1 cofferdam to barge and fell into Lk WA. No injury.

**ENVIRONMENTAL**

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	16	0	16
<b>Minor Environmental Event</b>	25	1	26

- 6/13 - A dead Canada goose was observed floating in Lake Washington within the work area at Medina. The cause of death was not related to work activities and no further action is required.
- 6/20 - An oil sheen was observed on the paved access ramp. Rain caused it to spread down the ramp expanding the size of the sheen. All of the oil was confined to the asphalt, none of it entered the lake and it was cleaned up using absorbent pads and granules.
- Robert Brenner has been providing updates on the status of the petroleum contaminated soil at CTC that occurred from a spill on 6/5. KGM is hoping to be able to move the crane and access the area by the end of June.

**QUALITY**

	Previous Total	Current Week	Project Total	Open	Closed
<b>Audits - Planned vs Actual</b>	778	2-9	787	14	773

	Previous Total	Open	Current Week	Avg. Time Open
<b>Non-Compliance Incidents (NCI)</b>	293	32	0	120
<b>Non-Compliance Reports (NCR)</b>	138	43	2	101

**NCIs were issued for the following reasons:**

- No reported NCI's

**NCRs were issued for the following reasons:**

- #139 pier 2 North bottom slab concrete strength didn't meet 28-day requirement.
- #140 Pier 1 North Column lift 1 concrete truck was placed 5 minutes over time limit.

See NCI/NCR Log

**PUBLIC OUTREACH / COMMUNICATION**

- Continued coordinating with multiple agencies about Kenmore construction activities and inquiries.
- Continued coordinating communication and materials for July 4 navigation channel opening.
- Continued internal coordination and Web updates regarding pontoon tracking and repairs.
- Continued review of draft sustainability reports.
- Continued planning and content development for July/August floating bridge construction update newsletter.
- Continued planning for possible late summer bridge public event.
- Coordinated with staff and contractor regarding possible project-related damage to fishing equipment near Grays Harbor.

**SENT / RECEIVED - SERIAL LETTERS FOR WEEK (Friday thru Thursday)**

Serial	Topic	TO	FROM
420	CO 096 Shotcrete Br. Maint. Facility Walls 5-8	KGM	WSDOT
421	CO No. 100 - Post-Tensioning Strand Testing	KGM	WSDOT
422	CO No. 104 Scan and Drill Procedure	KGM	WSDOT
423	Core Drilling Through Pontoon Type 1/1A End Wall Column Connections	KGM	WSDOT
424	KGM Request for Allowable Dry-dock Placement Tolerance Pontoon T	KGM	WSDOT
419	WSDOT Ltr 405 - Status of DBIC Requests at CTC	WSDOT	KGM
420	WSDOT Serial Ltr 0389 - Insurance Premium Increase	WSDOT	KGM
421	Response to RFI 613 - Shackle Connections at Grays Harbor	WSDOT	KGM
422	KGM-WSDOT Serial Ltr 0422 - Pontoon Moorage Site Options	WSDOT	KGM
423	Rescind KGM-WSDOT Serial Ltr 0418	WSDOT	KGM

See PW Letter Log or Centric

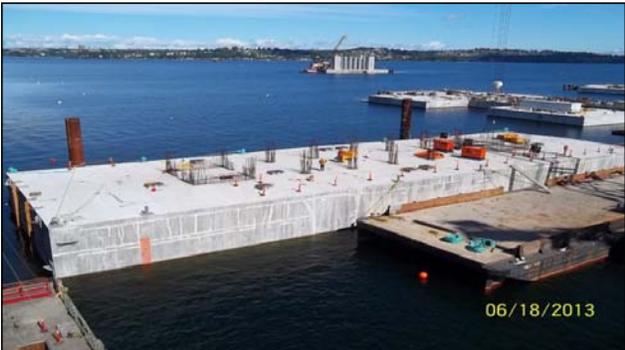
**RFIs**

	Project Total	Avg. Time Open*	Current week	Total Open
RFIs	624	15	6	6

See Centric RFI Log

\* Avg time after all required info from DB provided in order to be able to provide a response

**PICTURES**



Pontoon A Moored at Pontoon W's Anchors on Lake Washington



Pier 1 Columns - East Approach



Pier 2 South Pier Table - Medina



East Approach Medina site



Pier 36 S Cross Beam Transition Span Anchor Bolt Template - Kenmore



Pontoon Construction - CTC

# SR520 Flt Bridge and Landings Weekly Report - Attachment A

June 21, 2013

## SCHEDULE

Description	Contract	Baseline January 2012	Current / <b>Actual</b> April 2013	Difference in Days (Current - Baseline)	Forecast
CTC PPDB Production	N/A	9/20/2013	9/14/2014	-359	2/15/2015
CTC Cycle 1	N/A	4/6/2012	<b>7/29/2012</b>	-114	<b>7/29/2012</b>
CTC Cycle 1a	N/A	7/24/2012	<b>2/4/2013</b>	-195	<b>2/4/2013</b>
CTC Cycle 2	N/A	11/10/2012	8/6/2013	-269	8/15/2013
CTC Cycle 2a	N/A	3/2/2013	1/8/2014	-312	2/15/2014
CTC Cycle 3	N/A	6/13/2013	5/12/2014	-333	8/15/2014
CTC Cycle 4	N/A	9/20/2013	9/14/2014	-359	2/15/2015
Pier 36	11/15/2013	11/1/2012	8/16/2013	-288	8/15/2013
Floating Bridge Superstructure	N/A	9/23/2014	7/16/2015	-296	11/16/2015
East Approach	N/A	10/16/2014	2/11/2015	-118	2/11/2015
Maintenance Building	N/A	6/12/2014	10/17/2014	-127	9/8/2014
<b>Substantial Completion</b>	<b>7/31/2015</b>	<b>12/5/2014</b>	<b>9/17/2015</b>	<b>-286</b>	<b>3/6/2016</b>
Existing Bridge Demolition	N/A	7/8/2015	3/21/2016	-257	9/21/2016
<b>Physical Completion</b>	<b>5/26/2016</b>	<b>8/6/2015</b>	<b>5/18/2016</b>	<b>-286</b>	<b>12/31/2016</b>
<b>Completion</b>	<b>8/24/2016</b>	<b>11/4/2015</b>	<b>8/16/2016</b>	<b>-286</b>	<b>3/31/2017</b>
<i>Completion Dates</i>					

### Time Analysis

	Contract Days	Added Days	Days Elapsed	Elapsed %
Substantial Completion	1429	0	659	46%
Physical Completion	300	0	0	0%
Completion	90	0	0	0%

### Potential Schedule Impacts This Period

*No issues this week*

### See Weekly Look Ahead Schedule

## COST

### Emerging Issues Identified This Period (No Cost and Time Information)

WSDOT / KGM to discussions for pricing the Cycle 1 crack repair.
Low cylinder breaks on Pier 2 north pier table bottom slab

### New Potential Change Issues This Period (ROM Cost and Time)

PCO #	Description	Cost	Time	Region Approval
266	Global Pontoon LL Analysis - 6 + 2 HCT	\$30,000	0	

### New Pending Changes This Period (Contractor Submitted Costs)

PCO #	Description	Cost	Time	Region Approval
177G	Insurance Premium Increase on Pontoons	\$124,359.00		
211O	Alternate Moorage Sites	\$3,300,000.00		

### Force Account (Updated Monthly)

CO #	Description	Contract Value	Amount Paid
58	Underwater Dive Inspection and Crack Mapping	\$500,000.00	\$1,792,639
<i>Includes Gerwick coffer cell design</i>			

### Work Agreements Authorized This Period

WA #	Description
49	Install plugs for 6" blockouts

	Number	Dollar Value	Schedule Impact
<b>Original Contract Value</b>		\$586,561,000	
<b>Executed Change Orders</b>	73	\$25,791,783	0
<b>Current Contract Value</b>		\$612,352,783	
<b>Payments to Date: (for work completed thru April 2013)</b>		\$246,422,326	40%
<b>Pending Changes</b>	89	\$63,258,000	0
<b>Potential Change Issues</b>	83	\$72,096,000	0
		\$747,706,783	

See Change Management Log

#### OUTSTANDING ISSUES AND AREAS OF CONCERN

- Kenmore ESA/Lawsuit issues
- WABN/FB&L Schedule Coordination
- Tribal Coordination
- Eastside Coordination (EB 520 Construction Ramp) - Clyde Hill (Mitch Wasserman)
- Crack Repair Negotiations and Change Order Schedule
- Pontoon W Column Repair

## SR 520 Bridge Replacement and HOV Program

I-5 to Medina: Stage 1 Evergreen Point Floating Bridge and Landings

### Weekly Construction Report

Program Director:	Julie Meredith	Week Ending:	6/28/2013
Construction Manager:	Dave Becher	Project:	8066/U52004B
Deputy Construction Manager:	Greg Meadows	Project Budget:	\$612.4M
Business Manager:	Julia Mizuhata	Project Cost to Date:	\$246.4M
Design-Builder:	Kiewit/General/Manson (KGM)		

### PROGRESS SUMMARY

#### THIS WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### CTC (Cycle 2 / 3rd of 6 cycles)

- Stripping exterior forms, filling tie holes, dry finishing, prepping construction joints, waterproofing construction joints, crack mapping exteriors, installing watertight doors, installing FRP handrails, landings, ladders and cleaning out and plugging drains on all pontoons.

##### Port of Tacoma / EB1

- Pontoon S - wall scanned and drilled, installed rack and conduit

##### City of Medina

##### East Approach

- Pier 1 - Placed forms, reinforcement steel and concrete for South Column lift 2.
- Pier 2 - South Pier Table - Placed bridge span Traveler System forms.
- Pier 2 - North Pier Table - Erected top deck falsework and set overhead and bulkhead formwork.
- Pier 3 - South End Span (MR Bridge) - Assembled bridge span Traveler System forms.

##### Bridge Maintenance Facility & Dock

- No work planned.

##### Lake Washington

##### Floating Bridge

- Pontoons - Placed grout pads for Pontoon A Box Columns
- Pontoons - Began repairs on Pontoon T at Portland dry dock and continued to prepare Pontoon W for tow to Seattle
- Installed remaining cathodic protection at anchors.
- State Maintenance discovered damaged cable on the existing Floating Bridge. KGM assisted with investigation and repairs

##### Pier 36

- Prepare cross beam forms and reinforcement.

##### Kenmore Site

- KGM towed the pier 36 crossbeam barge to Medina site for concrete placement
- Rainier Steel assembled Pontoon A rebar cage templates.

#### NEXT 2 WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### CTC (Cycle 2 / 3rd of 6 cycles)

- Pour back of temporary door openings in wall and soffits, continuation of filling tie holes, dry finishing, prepping and waterproofing of construction joints, crack mapping interiors, installing watertight doors, FRP, and clean out and plug drains on Pontoons.

##### Port of Tacoma / EB1

- Pontoon S - wall scanned and drilled, installed rack and conduit

##### City of Medina

##### East Approach

- Pier 1 - Remove South Column Lift 2 forms and place forms and reinforcement steel for South Column Lift 3.
- Pier 2 - South Pier Table - Place bridge span Traveler System forms.
- Pier 2 - North Pier Table - Place top deck forms and reinforcement.
- Pier 3 - South End Span 1 (MR Bridge) - Continue placing South Bridge Span Traveler System forms.

##### Bridge Maintenance Facility & Dock

- No work planned.

##### Lake Washington

##### Floating Bridge

- Pontoons - Continue repairs on Pontoon T in Portland and prepare Pontoon W for tow to dry dock in Seattle.

**Pier 36**

- Placed concrete for Cross Beams on barge, fabricate and set stair tower, and set Cross Beams on columns.

**Kenmore Site**

- Continue assembling rebar cages for Pontoon A.

**SAFETY**

WSDOT / KGM	Previous Total	Current Week	Project Total
Reportable Incidents	1/12	0/0	1/12
Lost Time Incidents	1/1	0/0	1/1
Contract Days without an Incident			442/51

- No Incidents this week

**ENVIRONMENTAL**

	Previous Total	Current Week	Project Total
Non-Compliance Event	16	0	16
Minor Environmental Event	26	0	26

- 6/26 - WSDOT received a draft copy of the fish handling plan for the coffer cells.
- KGM has until July 3rd to respond to the Administrative Order issued by Ecology at Kenmore. They are requesting some language clarification from Ecology.
- The petroleum contaminated soil at CTC is anticipated to be cleaned up in mid July.
- WSDOT is working with KGM on action items for Cycle 3 float-out. These include the updated fish handling plan, developing an environmental checklist and scheduling a pre-activity meeting.

**QUALITY**

	Previous Total	Current Week	Project Total	Open	Closed
Audits - Planned vs. Actual	787	6-16	803	15	788

	Previous Total	Open	Current Week	Avg. Time Open
Non-Compliance Incidents (NCI)	293	24	2	148
Non-Compliance Reports (NCR)	142	45	2	91

**NCIs were issued for the following reasons:**

- DB didn't meet the required 15% of project labor hours by Apprentices, as of the end of March 2013.
- DB didn't authorize and sign Force Account Change Order reports for Underwater Inspection and Repair Plan.

**NCRs were issued for the following reasons:**

- #141 Pontoon 5A Cell 2, 3L & 2T form blowout in this area caused concrete to be 2 inches thicker than planned. KGM will submit RFI to accept as-is.
- #142 Pontoon 5D Wall 2L rebar, Specification for bending rebar was not followed. Improper heat and sledge hammer used to bend rebar. KGM will submit RFI to accept as-is.

See NCI/NCR Log

**PUBLIC OUTREACH / COMMUNICATION**

- Distributed notification to the US Coast Guard and local marinas for July 4 navigation channel opening.
- Coordinated July 15 meeting with City of Medina regarding requested changes to Viewpoint Trail design.
- Continued internal coordination and Web updates regarding pontoon tracking and repairs.
- Continued review of draft sustainability reports.
- Continued planning and content development for July/August floating bridge construction update newsletter.
- Coordinated with staff and contractor regarding possible project-related damage to fishing equipment near Grays Harbor.
- Attended June 26th WCB Open House in Madison Park
- Participated in Media Availability for Anchor Cable repair June 28th

**SENT / RECEIVED - SERIAL LETTERS FOR WEEK (Friday thru Thursday)**

Serial	Topic	TO	FROM
425	KGM Serial Letter 0412 - WSDOT Serial Letter 0398 - Materials Testing Responsibility	KGM	WSDOT
426	KGM SL 0413 KGM WSDOT RFI 470 Pontoon VNW Anchor Gallery Hardware	KGM	WSDOT
428	Notice of Potential Anchor Cable Damage Responsibility	KGM	WSDOT
425	Pontoon V & W Joining Face	WSDOT	KGM
426	Notification of Leaky Pontoon A Cells	WSDOT	KGM
427	Off Centered Blocking Layout Analysis on Pontoon T	WSDOT	KGM

See PW Letter Log or Centric

**RFIs**

	Project Total	Avg. Time Open*	Current week	Total Open
RFIs	630	15	4	8

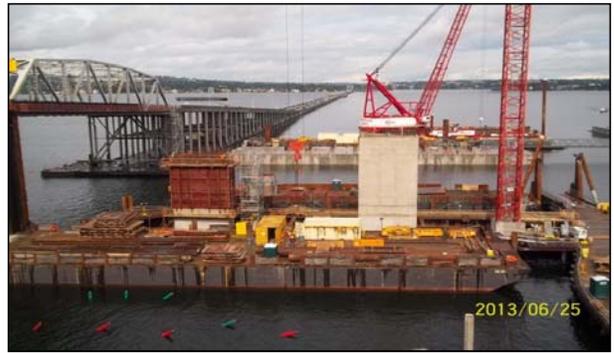
See Centric RFI Log

\* Avg time after all required info from DB provided in order to be able to provide a response

**PICTURES**



Preparing Pontoon W for tow to Seattle on Lake Washington



Pier 1 Columns - East Approach



East Appr. Pier 2 South Traveler System - Medina



East Appr. Pier 2 Pier Table Work - Medina site



Pier 36 Cross Beam on Barge - Kenmore



View of pontoon 5A (SNE) drainage well at CTC.  
Photo by: Fred Heigl

Pontoon Drainage Well - CTC

# SR520 Flt Bridge and Landings Weekly Report - Attachment A

June 28, 2013

## SCHEDULE

Description	Contract	Baseline January 2012	Current / <b>Actual</b> April 2013	Difference in Days (Current - Baseline)	Forecast
CTC PPDB Production	N/A	9/20/2013	9/14/2014	-359	1/29/2015
CTC Cycle 1	N/A	4/6/2012	7/29/2012	-114	7/29/2012
CTC Cycle 1a	N/A	7/24/2012	2/4/2013	-195	2/4/2013
CTC Cycle 2	N/A	11/10/2012	8/6/2013	-269	7/29/2013
CTC Cycle 2a	N/A	3/2/2013	1/8/2014	-312	1/29/2014
CTC Cycle 3	N/A	6/13/2013	5/12/2014	-333	7/29/2014
CTC Cycle 4	N/A	9/20/2013	9/14/2014	-359	1/29/2015
Pier 36	11/15/2013	11/1/2012	8/16/2013	-288	8/15/2013
Floating Bridge Superstructure	N/A	9/23/2014	7/16/2015	-296	11/16/2015
East Approach	N/A	10/16/2014	2/11/2015	-118	2/11/2015
Maintenance Building	N/A	6/12/2014	10/17/2014	-127	9/8/2014
<b>Substantial Completion</b>	<b>7/31/2015</b>	<b>12/5/2014</b>	<b>9/17/2015</b>	<b>-286</b>	<b>3/6/2016</b>
Existing Bridge Demolition	N/A	7/8/2015	3/21/2016	-257	9/21/2016
<b>Physical Completion</b>	<b>5/26/2016</b>	<b>8/6/2015</b>	<b>5/18/2016</b>	<b>-286</b>	<b>12/31/2016</b>
<b>Completion</b>	<b>8/24/2016</b>	<b>11/4/2015</b>	<b>8/16/2016</b>	<b>-286</b>	<b>3/31/2017</b>
<i>Completion Dates</i>					

### Time Analysis

	Contract Days	Added Days	Days Elapsed	Elapsed %
Substantial Completion	1429	0	666	47%
Physical Completion	300	0	0	0%
Completion	90	0	0	0%

### Potential Schedule Impacts This Period

Pontoon W column repair mockup did not occur this week as planned due to heavy rain. Work has been rescheduled for next week  
 Issues with getting Pontoon T lowered onto blocking in dry dock in Portland, issues with pumps. Crews trying again June 28th

### See Weekly Look Ahead Schedule

## COST

### Emerging Issues Identified This Period (No Cost and Time Information)

State Maintenance discovered existing bridge anchor cable damage
Delays in the start to Pontoon T repairs due to Vigor Dry-dock issues

### New Potential Change Issues This Period (ROM Cost and Time)

PCO #	Description	Cost	Time	Region Approval
267	SDMS Signs Left by ECC	TBD	0	
268	Accepted and Outstanding NCR's and DBIC's at CTC	\$0	0	
268	Repair of broken Anchor Cable on Existing Bridge	\$250,000	0	

### New Pending Changes This Period (Contractor Submitted Costs)

PCO #	Description	Cost	Time	Region Approval
167	Pontoons V and W joining Faces	\$64,782.00		

### Force Account (Updated Monthly)

CO #	Contract Value	Amount Paid
58	Underwater Dive Inspection and Crack Mapping	\$1,792,639
		Includes \$851k Gerwick coffer cell design CO #68 to increase and modify scope

### Work Agreements Authorized This Period

WA #	Description
	No Work Agreement this week

	Number	Dollar Value	Schedule Impact
<b>Original Contract Value</b>		\$586,561,000	
<b>Executed Change Orders</b>	75	\$26,391,783	0
<b>Current Contract Value</b>		\$612,952,783	
<b>Payments to Date: (for work completed thru April 2013)</b>		\$246,422,326	40%
<b>Pending Changes</b>	85	\$63,254,000	0
<b>Potential Change Issues</b>	83	\$93,818,000	0
		<b>\$770,024,783</b>	<i>\$22m increase from 6/21</i>

- Cycle 1 repair up from est. \$35m to negotiated \$48m
- CO #068 increased from \$500k to \$1.8m to cover Gerwick
- Added Alt Moorage Site costs to PCO log + \$3.3m
- Delay Risks/Costs now independent of other realted PCO's, +\$5m

See Change Management Log

### OUTSTANDING ISSUES AND AREAS OF CONCERN

- Kenmore ESA/Lawsuit issues
- Tribal Coordination
- Eastside Coordination (EB 520 Construction Ramp) - Clyde Hill (Mitch Wasserman)
- Crack Repair Negotiations and Change Order Schedule
- Pontoon W Column Repair
- Pontoon T repairs in Portland
- Anchor Cable AN Repair
- Change in KGM Management - Erik Nelson

## SR 520 Bridge Replacement and HOV Program

I-5 to Medina: Stage 1 Evergreen Point Floating Bridge and Landings

### Weekly Construction Report

Program Director:	Julie Meredith	Week Ending:	7/5/2013
Construction Manager:	Dave Becher	Project:	8066/U52004B
Deputy Construction Manager:	Greg Meadows	Project Budget:	\$613.1M
Business Manager:	Julia Mizuhata	Project Cost to Date:	\$256.5M
Design-Builder:	Kiewit/General/Manson (KGM)		

#### PROGRESS SUMMARY

##### THIS WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### CTC (Cycle 2 / 3rd of 6 cycles)

- Continuing to crack map exterior walls, repair rock pockets, prep construction joints for waterproofing, fill tie holes, waterproof, and apply the wet finish to all the exterior surface
- Interiors of all pontoons are being crack mapped, drains are being filled, top of keel slab being cleaned, crack mapped and waterproofed for non-structural cracks
- Structural cracks are being epoxy injected, all temporary openings on interior walls are having rebar installed on the formsavers, formed and poured back, then waterproofed after cure

##### Port of Tacoma / EB1

- Pontoon S - wall scanned and drilled, installed rack and conduit

##### City of Medina

##### East Approach

- Pier 1 – Stripped forms on South Column Lift 2 and installed cage reinforcement for South Column Lift 3
- Pier 2 – South Pier Table – Placed bridge span Traveler System forms
- Pier 2 – North Pier Table – Erect Top Deck false work, set overhang and bulkhead formwork.
- Pier 3 – South End Span 1 – Assembled bridge span Traveler System forms.

##### Bridge Maintenance Facility & Dock

- No work planned.

##### Lake Washington

##### Floating Bridge

- Pontoons – Erected Pre-Cast Box Column Panels on Pontoon A
- Pontoons – Pontoon T repairs at Portland dry dock, prepared Pontoon W for tow to Seattle.
- Completed repairs to discovered damaged cable on the existing Floating Bridge

##### Pier 36

- Pier 36 – Prepare Cross Beam forms and reinforcement

##### Kenmore Site

- OMA on site removing weeds and unwanted vegetation from the site and hauling them off the site

##### NEXT 2 WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### CTC (Cycle 2 / 3rd of 6 cycles)

- Final week of concrete finishing on the exterior walls (water up is July 26, therefore 10 days prior to exposure to saltwater, the exteriors have to be done by July 16th)
- All hatch curbs, temporary deck openings are to be formed and poured
- Interior soffit forms will be stripped, interior temporary access forms will be stripped, all interiors will be cleaned; all construction joints will be waterproofed; cell 8 for all pontoons will be cleaned and temporary ballasted for float out;

##### Port of Tacoma / EB1

- Pontoon S - wall scanned and drilled, installed rack and conduit

##### City of Medina

##### East Approach

- Pier 1 – Continue to install cage reinforcement for South Column Lift 3
- Pier 2 – North Pier Table – Place Top Deck forms and reinforcement.
- Pier 2 – South Pier Table – Place bridge span Traveler System forms.
- Pier 3 – South End Span 1 – Place South Bridge span Traveler System forms.

**Bridge Maintenance Facility & Dock**

- No work planned.

**Lake Washington**

**Floating Bridge**

- Pontoons – Pontoon T repairs at Portland dry dock, prepare Pontoon W for tow to Seattle dry dock
- Install remaining Cathodic Protection at anchors

**Pier 36**

- Pier 36 – Place concrete for Cross Beams, Fabricate and set stair tower, set cross beams.

**Kenmore Site**

- No work planned.

**SAFETY**

WSDOT / KGM	Previous Total	Current Week	Project Total
Reportable Incidents	1/12	0/0	1/12
Lost Time Incidents	1/1	0/0	1/1
Contract Days without an Incident			449/58

- No Incidents this week

**ENVIRONMENTAL**

	Previous Total	Current Week	Project Total
Non-Compliance Event	16	0	16
Minor Environmental Event	26	0	26

- The City of Kenmore and King County Department of Health made a site visit to the Kenmore site on July 2nd.
- WSDOT received the June Water Quality Monitoring Data for the 401 Permit and transmitted it to Ecology
- The petroleum contaminated soil at CTC is anticipated to be cleaned up in mid-July.
- WSDOT is working with KGM on action items for Cycle 2 (3rd cycle) float-out. These include the updated fish handling plan, developing an environmental checklist and scheduling a pre-activity meeting. The pre-activity meeting for fish handling scheduled for July 10th.

**QUALITY**

	Previous Total	Current Week	Project Total	Open	Closed
Audits - Planned vs. Actual	803	6-11	814	13	801

	Previous Total	Open	Current Week	Avg. Time Open
Non-Compliance Incidents (NCI)	295	22	2	127
Non-Compliance Reports (NCR)	142	45	0	145

**NCIs were issued for the following reasons:**

- Monthly invoice not submitted on agreed date.
- IDR's are not listing schedule delays

**NCRs were issued for the following reasons:**

No NCR's this week

See NCI/NCR Log

**PUBLIC OUTREACH / COMMUNICATION**

- Continued preparing for July 15 meeting with City of Medina regarding requested changes to Viewpoint Trail design
- Continued review of draft sustainability reports
- Continued planning and content development for July/August floating bridge construction update newsletter
- Responded to numerous inquiries regarding drawspan openings.
- Began planning for late July float-out at CTC.

**SENT / RECEIVED - SERIAL LETTERS FOR WEEK (Friday thru Thursday)**

Serial	Topic	TO	FROM
427	Proposed Substitution of Key Personnel on the Project	KGM	WSDOT
429	PCO 0189 – Unexcavated Material under the Evergreen Lid	KGM	WSDOT
430	PCO 0188 – Coverage on Existing Storm Drain Piping	KGM	WSDOT
431	DBIC – Stormwater Pipe for Bridges	KGM	WSDOT
432	DBIC FRP Components Material Substitution	KGM	WSDOT
433	Clarification – RFI 97 Response, dated 2/17/12	KGM	WSDOT

428	Added Cost Impacts Off-Loading Equipment	WSDOT	KGM
429	OIC - West Transition Span - North RSUP Access	WSDOT	KGM
430	Direction to Leave Existing Side Mounted Dynamic Signs	WSDOT	KGM

See PW Letter Log or Centric

**RFIs**

	Project Total	Avg. Time Open*	Current week	Total Open
RFIs	635	15	5	11

See Centric RFI Log

\* Avg time after all required info from DB provided in order to be able to provide a response

**PICTURES**



Pier 36 Crossbeam Reinforcement



Pontoon A Box Columns



Pontoon T moving into Dry Dock



Pontoon T in Dry Dock in Portland



East Approach - Piers 1 and 2



CTC Pontoons with Forms Stripped

# SR520 Flt Bridge and Landings Weekly Report - Attachment A

July 5, 2013

## SCHEDULE

Description	Contract	Baseline January 2012	Current / Actual May 2013	Difference in Days (Current - Baseline)	Forecast
CTC PPDB Production	N/A	9/20/2013	9/15/2014	-360	1/29/2015
CTC Cycle 1	N/A	4/6/2012	7/29/2012	-114	7/29/2012
CTC Cycle 1a	N/A	7/24/2012	2/2/2013	-193	2/2/2013
CTC Cycle 2	N/A	11/10/2012	8/7/2013	-270	7/29/2013
CTC Cycle 2a	N/A	3/2/2013	1/11/2014	-315	1/29/2014
CTC Cycle 3	N/A	6/13/2013	5/13/2014	-334	7/29/2014
CTC Cycle 4	N/A	9/20/2013	9/15/2014	-360	1/29/2015
Pier 36	11/15/2013	11/1/2012	8/9/2013	-281	8/15/2013
Floating Bridge Superstructure	N/A	9/23/2014	2/8/2016	-503	11/16/2015
East Approach	N/A	10/16/2014	4/10/2015	-176	2/11/2015
Maintenance Building	N/A	6/12/2014	11/18/2014	-159	9/8/2014
<b>Substantial Completion</b>	<b>7/31/2015</b>	<b>12/5/2014</b>	<b>4/8/2016</b>	<b>-490</b>	<b>3/6/2016</b>
Existing Bridge Demolition	N/A	7/8/2015	9/30/2016	-450	9/21/2016
<b>Physical Completion</b>	<b>5/26/2016</b>	<b>8/6/2015</b>	<b>11/23/2016</b>	<b>-475</b>	<b>12/31/2016</b>
<b>Completion</b>	<b>8/24/2016</b>	<b>11/4/2015</b>	<b>2/21/2017</b>	<b>-475</b>	<b>3/31/2017</b>
<i>Completion Dates</i>					

### Time Analysis

	Contract Days	Added Days	Days Elapsed	Elapsed %
Substantial Completion	1429	0	673	47%
Physical Completion	300	0	0	0%
Completion	90	0	0	0%

### Potential Schedule Impacts This Period

Short Work Week

CTC - remaining Saturdays (7/13, 7/20) shows a minimal amount of work on the schedule

CTC - have heard today that the hatches are stamped "F" for foreign. Before installation, will verify and make sure that Buy America has been debited for the foreign steel

Pier 36 Cross beam pour has been delayed due to design issue. Pour pushed back to 7/9/2013

### See Weekly Look Ahead Schedule

## COST

### Emerging Issues Identified This Period (No Cost and Time Information)

State Maintenance discovered existing bridge anchor cable damage / Coast Guard Investigation

### New Potential Change Issues This Period (ROM Cost and Time)

PCO #	Description	Cost	Time	Region Approval
267	SDMS Signs Left by ECC	\$50,000	0	

### New Pending Changes This Period (Contractor Submitted Costs)

PCO #	Description	Cost	Time	Region Approval
211x	Added Cost Impacts Off-Loading Equipment	\$45,119.00	0	
164	Revised West Transition Span North RSUP Access	-\$10k to -\$20k	0	
267	SDMS Signs Left by ECC	\$50,000		

### Force Account (Updated Monthly)

CO #	Description	Contract Value	Amount Paid
58	Underwater Dive Inspection and Crack Mapping	\$500,000.00	\$1,937,588
			<i>Includes \$973k Gerwick coffercell, cribbing, and coffercell launch design CO #68 to increase and modify scope</i>

### Work Agreements Authorized This Period

WA #	Description
3	Incorporate Additional Bollards for cycle 3

	Number	Dollar Value	Schedule Impact
<b>Original Contract Value</b>		\$586,561,000	
<b>Executed Change Orders</b>	77	\$26,489,562	0
<b>Current Contract Value</b>		\$613,050,562	
<b>Payments to Date: (for work completed thru May 2013)</b>		\$256,530,032	42%
<b>Pending Changes</b>	84	\$64,095,000	0
<b>Potential Change Issues</b>	80	\$93,034,000	0
		<b>\$770,179,562</b>	<i>\$155k increase from 6/28 Final amounts on several Pending CO negotiated, increases for est. ROM</i>

See Change Management Log

### OUTSTANDING ISSUES AND AREAS OF CONCERN

- Kenmore ESA/Lawsuit issues
- Tribal Coordination
- Eastside Coordination
- Crack Repair Negotiations and Change Order Schedule
- Pontoon W Column Repair
- Pontoon T repairs in Portland
- Anchor Cable AN Repair
- Change in KGM Management - Erik Nelson
- Concrete Strength - EAB Pier 2 North

## SR 520 Bridge Replacement and HOV Program

I-5 to Medina: Stage 1 Evergreen Point Floating Bridge and Landings

### Weekly Construction Report

Program Director:	Julie Meredith	Week Ending:	7/12/2013
Construction Manager:	Dave Becher	Project:	8066/U52004B
Deputy Construction Manager:	Greg Meadows	Project Budget:	\$613.1M
Business Manager:	Julia Mizuhata	Project Cost to Date:	\$256.5M
Design-Builder:	Kiewit/General/Manson (KGM)		

#### PROGRESS SUMMARY

##### THIS WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### CTC (Cycle 2 / 3rd of 6 cycles)

- Preparing temporary doors, deck openings for concrete pour back, pouring concrete for temp. doors and deck openings in Pontoons 5A, 5C and 2F.
- Waterproofing and dry finishing exterior walls prior to expose to salt water.

##### Port of Tacoma / EB1

- Marine crew on site, rearranging the moored pontoons, removing steel structures used for float out that were left in the Type 5 Pontoons for use in cycle 2 float out and removing steel hardware used on the existing pontoons.

##### City of Medina

##### East Approach

- Pier 1 – Placed forms and reinforcement steel for South Column 3rd lift.
- Pier 2 – South Pier Table – Placed bridge span Traveler System forms
- Pier 2 – North Pier Table – Placed top deck soffit forms, begin placement of top deck mat reinforcement steel.
- Pier 3 – South End Span 1 – Assembled bridge span Traveler System forms.

##### Bridge Maintenance Facility & Dock

- No work this week.

##### Lake Washington

##### Floating Bridge

- Pontoons – Pontoon T repairs at Portland dry dock
- Pontoons – Preparing Pontoon W for tow to Seattle
- Anchors – Installed remaining cathodic protection.

##### Pier 36

- Pier 36 – Prepared cross beam forms and reinforcement and place concrete for cross beam 1st lift.

##### Kenmore Site

- OMA on site removing weeds and unwanted vegetation from the site and hauling them off the site.
- Rainier Steel assembled template for Pontoon A Column rebar cages.

##### NEXT 2 WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### CTC (Cycle 2 / 3rd of 6 cycles)

- Final week of concrete finishing on the exterior walls (water up is July 26, therefore 10 days prior to exposure to saltwater, the exteriors have to be done by July 16th)
- All hatch curbs, temporary deck openings are to be formed and poured
- Interior soffit forms will be stripped, interior temporary access forms will be stripped, all interiors will be cleaned; all construction joints will be waterproofed; cell 8 for all pontoons will be cleaned and temporary ballasted for float out;

##### Port of Tacoma / EB1

- Placement and moorage plan implemented at EB1 to secure 8 more pontoons with the other 1 longitudinal and 8 SSPs.

##### City of Medina

##### East Approach

- Pier 1 – Remove South Column lift 2 forms, place forms, reinforcement steel and concrete for South Column 3rd lift.
- Pier 1 – Begin setup for footing backfill and cofferdam removal
- Pier 2 – North Pier Table – Place Top Deck reinforcement steel and place Top Deck Post Tensioning ducts and tendons.
- Pier 2 – South Pier Table – Continue with bridge span Traveler System forms.
- Pier 3 – South End Span 1 – Continue with South Bridge span Traveler System forms.

**Bridge Maintenance Facility & Dock**

- No work planned.

**Lake Washington**

**Floating Bridge**

- Pontoons – Pontoon T repairs continue at Portland dry dock
- Pontoons – Tow Pontoon W to Seattle dry dock and begin repairs

**Pier 36**

- Pier 36 – Set cross beams on columns, grout ducts, place reinforcement steel for fillets, place concrete for 2nd lift of cross beam and fillets.

**Kenmore Site**

- Rainer Steel will assemble the Pontoon A column rebar cages.

**SAFETY**

WSDOT / KGM	Previous Total	Current Week	Project Total
Reportable Incidents	1/12	0/0	1/12
Lost Time Incidents	1/1	0/0	1/1
Contract Days without an Incident			456/65

- Medina area, crew member cut arm on sharp edge of fence board. First aid.
- CTC, rod came loose on falsework and stringers fell. Area was taped off correctly with overhead work signs. No Injuries, Near miss.

**ENVIRONMENTAL**

	Previous Total	Current Week	Project Total
Non-Compliance Event	16	0	16
Minor Environmental Event	26	0	26

No Environmental Event this week  
CORP and DOE site visit next week

**QUALITY**

	Previous Total	Current Week	Project Total	Open	Closed
Audits - Planned vs. Actual	814	4-2	816	13	803

	Previous Total	Open	Current Week	Avg. Time Open
Non-Compliance Incidents (NCI)	297	21	0	134
Non-Compliance Reports (NCR)	142	43	2	155

**NCIs were issued for the following reasons:**

No NCI's this week

**NCRs were issued for the following reasons:**

- NCR #143,, # 5 Dowel bar broken during cold bending to clear precast panel support on Pontoon A. Resolution: Minor FDC to document and approval of deficiency.
- NCR #144: Pontoons 5D and 2G, Vandex Unimorter applied without wet cure or application of HeyDi K11. Resolution: None at this time.

See NCI/NCR Log

**PUBLIC OUTREACH / COMMUNICATION**

- Participated in July 10 National Congestion Pricing Conference visit
- July 11 Intern tour at the Medina Construction Site.
- Continued preparing for July 15 meeting with City of Medina regarding requested changes to Viewpoint Trail design
- Continued review of draft sustainability reports
- Continued planning and content development for July/August floating bridge construction update newsletter
- Responded to inquiries regarding drawspan openings.
- Planned for and drafted email update for July 15 towing of Pontoon W to Vigor Shipyards in Seattle
- Continued planning for late July float-out at CTC.

**SENT / RECEIVED - SERIAL LETTERS FOR WEEK (Friday thru Thursday)**

Serial	Topic	TO	FROM
434	Ceremonial Sockeye Fishing Season 2013	KGM	WSDOT
435	CO No. 090 Medina Lighting Study	KGM	WSDOT
436	KGM SL 0397 PCO 219 OIC Permanent Bird Ramps @ SSPs	KGM	WSDOT
437	KGM SL 0422 Pontoon Moorage Sites and Options	KGM	WSDOT

438	OIC Updated Design for Marine Fenders and Swimmer Cables	KGM	WSDOT
431	WSDOT Ltr 0414 - Schedule Change at Evergreen Point Road	WSDOT	KGM

See PW Letter Log or Centric

**RFIs**

	Project Total	Avg. Time Open*	Current week	Total Open
RFIs	636	15	2	9

See Centric RFI Log

\* Avg time after all required info from DB provided in order to be able to provide a response

**PICTURES**



Placing Box Column Panel on Pontoon A



Pontoon A Box Columns



Pier 1 South Column



Pier 2 North Column Pier Table



Pontoon T Core Drilling in Portland Dry Dock



View of pontoons 5D (SNW) & 2H (RNW) at CTC.  
Photo by: Fred Heigl

CTC Pontoons

# SR520 Flt Bridge and Landings Weekly Report - Attachment A

July 12, 2013

## SCHEDULE

Description	Contract	Baseline January 2012	Current / Actual May 2013	Difference in Days (Current - Baseline)	Forecast
CTC PPDB Production	N/A	9/20/2013	9/15/2014	-360	1/29/2015
CTC Cycle 1	N/A	4/6/2012	7/29/2012	-114	7/29/2012
CTC Cycle 1a	N/A	7/24/2012	2/2/2013	-193	2/2/2013
CTC Cycle 2	N/A	11/10/2012	8/7/2013	-270	7/29/2013
CTC Cycle 2a	N/A	3/2/2013	1/11/2014	-315	1/29/2014
CTC Cycle 3	N/A	6/13/2013	5/13/2014	-334	7/29/2014
CTC Cycle 4	N/A	9/20/2013	9/15/2014	-360	1/29/2015
Pier 36	11/15/2013	11/1/2012	8/9/2013	-281	8/15/2013
Floating Bridge Superstructure	N/A	9/23/2014	2/8/2016	-503	11/16/2015
East Approach	N/A	10/16/2014	4/10/2015	-176	2/11/2015
Maintenance Building	N/A	6/12/2014	11/18/2014	-159	9/8/2014
<b>Substantial Completion</b>	<b>7/31/2015</b>	<b>12/5/2014</b>	<b>4/8/2016</b>	<b>-490</b>	<b>3/6/2016</b>
Existing Bridge Demolition	N/A	7/8/2015	9/30/2016	-450	9/21/2016
<b>Physical Completion</b>	<b>5/26/2016</b>	<b>8/6/2015</b>	<b>11/23/2016</b>	<b>-475</b>	<b>12/31/2016</b>
<b>Completion</b>	<b>8/24/2016</b>	<b>11/4/2015</b>	<b>2/21/2017</b>	<b>-475</b>	<b>3/31/2017</b>
<i>Completion Dates</i>					

### Time Analysis

	Contract Days	Added Days	Days Elapsed	Elapsed %
Substantial Completion	1429	0	680	48%
Physical Completion	300	0	0	0%
Completion	90	0	0	0%

### Potential Schedule Impacts This Period

- The placement of concrete for the Pier 36 Cross Beams originally scheduled for June 25, 2013, has been rescheduled July 12, 2013. Change is due to conflicts between the column reinforcement steel, ducts and the West Approach Anchor Bolt template that had to be modified.
- CTC- Potential float out schedule issue if unable to complete all work related to the dry finish, concrete repair, waterproofing of non-structural cracks, epoxy injection of structural cracks on the exterior surfaces, prior to water up (and exposure to salt water).

### See Weekly Look Ahead Schedule

## COST

### Emerging Issues Identified This Period (No Cost and Time Information)

State Maintenance discovered existing bridge anchor cable damage / Coast Guard Investigation
Turnover of SR520 Mainline to KGM on July 28, 2013
SDMS ATM Signs vicinity of Evergreen Point Road

### New Potential Change Issues This Period (ROM Cost and Time)

PCO #	Description	Cost	Time	Region Approval
211P	Remove rubber pontoon joining seals for storage	TBD	0	
270	Thicker HMA for Temp Pavement	TBD		
271	Leaky Pontoon A	TBD		

### New Pending Changes This Period (Contractor Submitted Costs)

PCO #	Description	Cost	Time	Region Approval
	No Contractor Submitted Costs this week		0	

### Force Account (Updated Monthly)

CO #	Description	Contract Value	Amount Paid
58	Underwater Dive Inspection and Crack Mapping	\$500,000.00	\$1,937,588
			<i>Includes \$973k Gerwick coffercell, cribbing, and coffercell launch design CO #68 to increase and modify scope</i>

### Work Agreements Authorized This Period

WA #	Description
48	Ferrell Loop Inserts
12-R2	Ferrell Loop Inserts

	Number	Dollar Value	Schedule Impact
<b>Original Contract Value</b>		\$586,561,000	
<b>Executed Change Orders</b>	78	\$26,489,562	0
<b>Current Contract Value</b>		\$613,050,562	
<b>Payments to Date: (for work completed thru May 2013)</b>		\$256,530,032	42%
<b>Pending Changes</b>	84	\$64,100,000	0
<b>Potential Change Issues</b>	81	\$93,052,000	0
		<b>\$770,202,562</b>	<i>\$23k increase from 7/05 Added PCO's 211P, 270 and 271</i>

See Change Management Log

#### OUTSTANDING ISSUES AND AREAS OF CONCERN

- Kenmore ESA/Lawsuit issues
- Tribal Coordination
- Eastside Coordination
- Crack Repair Negotiations and Change Order Schedule
- Pontoon W Column Repair
- Pontoon T repairs in Portland
- Anchor Cable AN Repair
- Medina meeting - Viewpoint Trail design discussion
- DBE language in Change Orders

## SR 520 Bridge Replacement and HOV Program

I-5 to Medina: Stage 1 Evergreen Point Floating Bridge and Landings

### Weekly Construction Report

Program Director:	Julie Meredith	Week Ending:	7/19/2013
Construction Manager:	Dave Becher	Project:	8066/U52004B
Deputy Construction Manager:	Greg Meadows	Project Budget:	\$613.1M
Business Manager:	Julia Mizuhata	Project Cost to Date:	\$261.6M
Design-Builder:	Kiewit/General/Manson (KGM)		

#### PROGRESS SUMMARY

##### THIS WEEK

###### Concrete Tech Corp (CTC) / Port of Tacoma

###### CTC (Cycle 2 / 3rd of 6 cycles)

- Completed the exterior pour back on concrete repairs, temporary access walkways and deck openings.
- Waterproofed and dry finished exterior walls prior to expose to salt water.

###### Port of Tacoma / EB1

- Prepared for Cycle 2 Pontoons

###### City of Medina

###### East Approach

- Pier 1 – Placed forms and reinforcement steel for South Column 3rd lift.
- Pier 2 – South Pier Table – Placed bridge span Traveler System forms (West Heading).
- Pier 2 – North Pier Table – Placed top deck reinforcement steel and place post tensioning ducts and tendons.
- Pier 3 – South End Span 1 – No work this week

###### Bridge Maintenance Facility & Dock

- No work this week.

###### Lake Washington

###### Floating Bridge

- Pontoon T – continue repairs at Portland dry dock
- Pontoon W - towed to dry dock in Seattle (formerly Todd shipyard, now Vigor) to start repairs.
- Pontoon A - placed reinforcement steel and forms for South Box Column closure pours.

###### Pier 36

- Pier 36 – Placed reinforcement steel and forms for bearing pad pedestals.

###### Kenmore Site

- No activity this week

##### NEXT 2 WEEK

###### Concrete Tech Corp (CTC) / Port of Tacoma

###### CTC (Cycle 2 / 3rd of 6 cycles)

- All hatch curbs, temporary deck openings are to be formed and poured
- Interior soffit forms will be stripped, interior temporary access forms will be stripped, all interiors will be cleaned; all construction joints will be waterproofed; cell 8 for all pontoons will be cleaned and temporary ballasted for float out;
- Float out schedule - water up 7/26, remove gate, first set of pontoons out on 7/27, second set on 7/28, third set on 7/29 and last set on 7/30. Replace gate on 7/31 and begin fish handling. Then clean basin and place exterior wall forms for Cycle 2A.

###### Port of Tacoma / EB1

- Placement and moorage plan implemented at EB1 to secure 8 more pontoons with the other 1 longitudinal and 8 SSP Pontoons.

###### City of Medina

###### East Approach

- Pier 1 - Place forms, rebar and pour South Column 3rd Lift.
- Pier 1 - Begin setup for footing backfill and cofferdam removal
- Pier 2 - North Pier Table – Place top deck reinforcement steel, post tensioning ducts and tendons and Concrete.
- Pier 2 - South Pier Table – Continue with bridge span Traveler System forms (West Heading).
- Pier 3 - South End Span 1 – No work planned

###### Bridge Maintenance Facility & Dock

- No work planned.

###### Lake Washington

**Floating Bridge**

- Pontoon T – Continue repairs at Portland dry dock
- Pontoon W – Begin repairs at Seattle dry dock.
- Pontoon A – Place reinforcement steel, forms and concrete for Box Column pedestals and place reinforcement steel and forms for South Box Column closure pours.

**Pier 36**

- Pier 36 – Set Cross Beams on columns, grout ducts, place reinforcement steel for fillets, place concrete for 2nd lift of Cross Beam and fillets.

**Kenmore Site**

- No planned activity shown on the 5-week Construction Schedule

**SAFETY**

WSDOT / KGM	Previous Total	Current Week	Project Total
Reportable Incidents	1/13	0/0	1/13
Lost Time Incidents	1/1	0/0	1/1
Contract Days without an Incident			463/35

- June 14th (not previously reported) Gerdau Ironworker at CTC was struck in the head by a hickey bar while prying on a #8 bar
- No incidents this week

**ENVIRONMENTAL**

	Previous Total	Current Week	Project Total
Non-Compliance Event	16	0	16
Minor Environmental Event	26	0	26

- 7/17 - The Department of Ecology and Army Corp of Engineers made a site visit. No Issues were identified.
- KGM completed Ph testing and treatment to meet NPDES discharge requirements for the ballast water removed from Pontoon W and pumped in Elliot Bay during the dry-docking operation.
- The petroleum contaminated soil at CTC is anticipated to be cleaned up by the end of July.
- Cycle 2 float-out fish handling is currently scheduled for the evening of July 31. KGM has completed the updated fish handling plan, environmental checklist and pre-activity meeting.

**QUALITY**

	Previous Total	Current Week	Project Total	Open	Closed
Audits - Planned vs. Actual	816	3-21	837	10	828

	Previous Total	Open	Current Week	Avg. Time Open
Non-Compliance Incidents (NCI)	297	16	1	155
Non-Compliance Reports (NCR)	144	41	1	158

**NCIs were issued for the following reasons:**

Missing cracks on mapped QA reports.

**NCRs were issued for the following reasons:**

NCR #145 - Pontoon T repair, pilot holes cored in wrong locations. Incorrectly layed out. Resolution: None at this time

See NCI/NCR Log

**PUBLIC OUTREACH / COMMUNICATION**

- Participated in bi-weekly Kenmore agency coordination meeting.
- Participated in July 15 meeting with City of Medina regarding requested changes to Viewpoint Trail design.
- Began planning and coordination for media event at Vigor drydock with Secretary Peterson.
- Continued planning and content development for summer floating bridge construction update newsletter.
- Responded to inquiries regarding drawspan openings and Pontoon W movements.
- Sent traffic advisory and email update for July 15 towing of Pontoon W to Vigor Shipyards in Seattle.
- Documented towing of Pontoon W from Lake Washington to Vigor Shipyard in Seattle.
- Continued planning for late July float-out at CTC.

**SENT / RECEIVED - SERIAL LETTERS FOR WEEK (Friday thru Thursday)**

Serial	Topic	TO	FROM
439	KGM SL 0395 DBIC Wall to Deck Rebar Detail	KGM	WSDOT
440	KGM SL 0157 Epoxy Coated Copper Ground Wire Connections	KGM	WSDOT
441	CO No. 091Rev1 - Medina Lighting Study	KGM	WSDOT
442	DBE Goal Requirement	KGM	WSDOT
443	CO. No. 108 PFS Cycle 1 Repair	KGM	WSDOT
444	Change Order 013 Dry Pipe Sprinkler System at Maintenance Facility Yard	KGM	WSDOT

432	RFI 369 - Concrete Caps at Barriers	WSDOT	KGM
433	Pontoon Live Loads Analysis 6 + 2 HCT Configuration	WSDOT	KGM
434	DBE Goal Requirements	WSDOT	KGM

See PW Letter Log or Centric

**RFIs**

	Project Total	Avg. Time Open*	Current week	Total Open
RFIs	642	16	6	14

See Centric RFI Log

\* Avg time after all required info from DB provided in order to be able to provide a response

**PICTURES**



Pier 36 Cross Beams on Barge



Pontoon A Box Columns



Pier 1 South Column



Pier 2 North Column Pier Table



Pontoon W in Seattle Dry-Dock



Grouting back cooling tubes at pontoon 2F (RSW) at CTC. Photo by: Fred Heigl

Grouting Back Cooling Tubes on Pontoon 2F at CTC

# SR520 Flt Bridge and Landings Weekly Report - Attachment A

July 19, 2013

## SCHEDULE

Description	Contract	Baseline January 2012	Current / Actual June 2013	Difference in Days (Current - Baseline)	Forecast
CTC PPDB Production	N/A	9/20/2013	9/9/2014	-354	1/29/2015
CTC Cycle 1	N/A	4/6/2012	7/29/2012	-114	7/29/2012
CTC Cycle 1a	N/A	7/24/2012	2/2/2013	-193	2/2/2013
CTC Cycle 2	N/A	11/10/2012	7/29/2013	-261	7/29/2013
CTC Cycle 2a	N/A	3/2/2013	12/28/2014	-666	1/29/2014
CTC Cycle 3	N/A	6/13/2013	5/6/2014	-327	7/29/2014
CTC Cycle 4	N/A	9/20/2013	9/9/2014	-354	1/29/2015
Pier 36	11/15/2013	11/1/2012	8/12/2013	-284	8/15/2013
Floating Bridge Superstructure	N/A	9/23/2014	2/8/2016	-503	11/16/2015
East Approach	N/A	10/16/2014	5/13/2015	-209	2/11/2015
Maintenance Building	N/A	6/12/2014	11/21/2014	-162	9/8/2014
<b>Substantial Completion</b>	<b>7/31/2015</b>	<b>12/5/2014</b>	<b>4/8/2016</b>	<b>-490</b>	<b>3/6/2016</b>
Existing Bridge Demolition	N/A	7/8/2015	9/30/2016	-450	9/21/2016
<b>Physical Completion</b>	<b>5/26/2016</b>	<b>8/6/2015</b>	<b>11/23/2016</b>	<b>-475</b>	<b>12/31/2016</b>
<b>Completion</b>	<b>8/24/2016</b>	<b>11/4/2015</b>	<b>2/21/2017</b>	<b>-475</b>	<b>3/31/2017</b>
<i>Completion Dates</i>					

### Time Analysis

	Contract Days	Added Days	Days Elapsed	Elapsed %
Substantial Completion	1429	0	687	48%
Physical Completion	300	0	0	0%
Completion	90	0	0	0%

### Potential Schedule Impacts This Period

- One of the pontoons cure drains will not have 10 days cure prior to float out. An RFI is in requesting permission to allow for 8 days of cure. If we do not grant permission, the float out could be delayed for two days.
- The placement of reinforcement for the Box Column pedestals was discontinued on Wednesday due to location issues with the dowel bars coming out of the pontoon deck. The placement of reinforcement steel will not resume until a Minor FDC is issued and approved, this is expected to resume next week. This could potentially delay the placement of concrete for the Box Column pedestals.

### See Weekly Look Ahead Schedule

## COST

### Emerging Issues Identified This Period (No Cost and Time Information)

State Maintenance discovered existing bridge anchor cable damage / Coast Guard Investigation
Turnover of SR520 Mainline to KGM on July 28, 2013
SDMS ATM Signs vicinity of Evergreen Point Road

### New Potential Change Issues This Period (ROM Cost and Time)

PCO #	Description	Cost	Time	Region Approval
211Q	Additional Tiltmeters and Fender Brackets	\$100,000	0	
273	DBE Manufacture Requiremnts	\$0	0	

### New Pending Changes This Period (Contractor Submitted Costs)

PCO #	Description	Cost	Time	Region Approval
181	Concrete Caps at Barriers	\$269,651.00	0	
266	Global Pontoon Analysis for Live Loads 6+2 HCT Configuration	\$219,889.00	0	

### Force Account (Updated Monthly)

CO #	Description	Contract Value	Amount Paid
58	Underwater Dive Inspection and Crack Mapping	\$500,000.00	\$2,132,201
			Includes \$1.551M Gerwick coffercell, cribbing, and coffercell launch design CO #68 to increase and modify scope

### Work Agreements Authorized This Period

WA #

42R1	Blockouts for PT Ducts Cycle 3-6

	Number	Dollar Value	Schedule Impact
<b>Original Contract Value</b>		\$586,561,000	
<b>Executed Change Orders</b>	79	\$26,489,562	0
<b>Current Contract Value</b>		\$613,050,562	
<b>Payments to Date: (for work completed thru May 2013)</b>		\$256,530,032	42%
<b>Pending Changes</b>	85	\$64,310,000	0
<b>Potential Change Issues</b>	84	\$93,202,000	0
		<b>\$770,562,562</b>	<i>\$360k increase from 7/012 PCO 266 cost increase Added PCO 211Q Added potential costs for DBE requirement</i>

**See Change Management Log**

**OUTSTANDING ISSUES AND AREAS OF CONCERN**

- Kenmore ESA/Lawsuit issues
- Tribal Coordination
- Eastside Coordination
- Crack Repair Negotiations and Change Order Schedule
- Pontoon W Column Repair
- Pontoon T repairs in Portland
- Medina meeting - Viewpoint Trail design discussion
- DBE language in Change Orders



# SR 520 Bridge Replacement and HOV Program

I-5 to Medina: Stage 1 Evergreen Point Floating Bridge and Landings

## Weekly Construction Report

Program Director:	Julie Meredith	Week Ending:	7/26/2013
Construction Manager:	Dave Becher	Project:	8066/U52004B
Deputy Construction Manager:	Greg Meadows	Project Budget:	\$613.1M
Business Manager:	Julia Mizuhata	Project Cost to Date:	\$261.6M
Design-Builder:	Kiewit/General/Manson (KGM)		

### PROGRESS SUMMARY

#### THIS WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### **CTC (Cycle 2 / 3rd of 6 cycles)**

- Completed pontoons for float out and cleaned basin for water up on 7/26.

##### **Port of Tacoma / EB1**

- Prepared site for CTC Cycle 2 pontoons and monthly pontoon inspection on pontoons S, QSW and QNW.

##### City of Medina

##### **East Approach**

- Pier 1 - Placed forms, reinforcement steel and concrete for South Column 3rd lift and dry finished the North Column.
- Pier 2 - South Pier Table – Placed bridge span Traveler System forms (West Heading, East Heading).
- Pier 2 - North Pier Table – Placed top deck reinforcement steel and placed post tensioning ducts and tendons.
- Pier 3 - South End Span 1 – No work this week.

##### **Bridge Maintenance Facility & Dock**

- No work this week.

##### Lake Washington

##### **Floating Bridge**

- Pontoon T - Continued repairs at Vigor dry dock in Portland.
- Pontoon W - Continued repairs at Vigor dry dock in Seattle.
- Pontoon A - Placed reinforcement steel for Box Column pedestals.
- pontoons TNW and TSW - Towed to Lake Washington from EB1.

##### **Pier 36**

- Pier 36 – Set cross beams on columns, grouted ducts and began placement of reinforcement steel for fillets.

##### Kenmore Site

- Assembled Pontoon A column rebar cages.

#### NEXT 2 WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### **CTC (Cycle 2 / 3rd of 6 cycles)**

- Float out schedule - water up 7/26, remove gate, first set of pontoons out on 7/27, second set on 7/28, third set on 7/29 and last set on 7/30. Replace gate on 7/31 and begin fish handling. Then clean basin and place exterior wall forms for Cycle 2A.

##### **Port of Tacoma / EB1**

- Implement placement and moorage plan at EB1 to secure 8 more pontoons with 1 longitudinal and 8 SSPs already moored.

##### City of Medina

##### **East Approach**

- Pier 1 - Remove column forms for South Column 3rd Lift and begin dry finishing.
- Pier 1 - Place pigmented sealer and begin placement of fender system on North Column.
- Pier 2 - North Pier Table – Place top deck reinforcement steel, Post Tensioning ducts, tendons and concrete.
- Pier 2 - South Pier Table – Continue with bridge span Traveler System forms (West Heading, East Heading).
- Pier 3 - South End Span 1 – No work planned.

##### **Bridge Maintenance Facility & Dock**

- No work planned.

##### Lake Washington

##### **Floating Bridge**

- Pontoon T – Continue repairs at Portland dry dock
- Pontoon W – Continue repairs at Seattle dry dock.
- Pontoon A – Place reinforcement steel, forms and concrete for South Box Column closure pours.

**Pier 36**

- Pier 36 – Place reinforcement steel for fillets and place concrete for 2nd lift of cross beam and fillets.

**Kenmore Site**

- No planned activity shown on the 5-week Construction Schedule

**SAFETY**

<i>WSDOT / KGM</i>	Previous Total	Current Week	Project Total
<b>Reportable Incidents</b>	1/13	0/1	1/14
<b>Lost Time Incidents</b>	1/1	0/0	1/1
<b>Contract Days without an Incident</b>			470/2

- FRP ladder into pontoon not properly seated allowing ladder to slip, employee began to fall but was able to catch himself before falling. Reminder to check ladders before using. - Near Miss
- KGM carpenter apprentice got concrete dust in her eyes at the Portland site. KGM administered first aid by flushing out her eyes. - First Aid.
- KGM carpenter was removing formwork from a repair when the formwork fell on his arm. Result was a cut on his arm that required 12 stitches. - Recordable

**ENVIRONMENTAL**

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	16	0	16
<b>Minor Environmental Event</b>	26	0	26

- Cycle 2 float out fish handling is currently scheduled for the evening of July 31. KGM has completed the updated fish handling plan, environmental checklist and pre-activity meeting.

**QUALITY**

	Previous Total	Current Week	Project Total	Open	Closed
<b>Audits - Planned vs. Actual</b>	838	6-11	849	9	840

	Previous Total	Open	Current Week	Avg. Time Open
<b>Non-Compliance Incidents (NCI)</b>	298	15	4	137
<b>Non-Compliance Reports (NCR)</b>	145	36	1	161

**NCIs were issued for the following reasons:**

- QA identified crack map didn't match when QV performed an audit. QV found more cracks. (2 locations)
- QA's IDRs didn't state that the DB has met the RFP requirements for lowering soffit.
- QA didn't complete an in-depth crack map due to materials/wet cure on the top deck.

**NCRs were issued for the following reasons:**

- NCR #146 - A row of dowel bars were installed in the wrong direction. No resolution at this time.

See NCI/NCR Log

**PUBLIC OUTREACH / COMMUNICATION**

- Continued planning, coordination and materials development for media event at Vigor dry dock with Secretary Peterson.
- Continued planning and content development for summer Floating Bridge Construction update newsletter.
- Responded to inquiries regarding drawspan openings and Pontoon W movements.
- Finalized and began implementing planning for late July float out at CTC.

**SENT / RECEIVED - SERIAL LETTERS FOR WEEK (Friday thru Thursday)**

Serial	Topic	TO	FROM
445	KGM SL 0434 DBE Goal Requirement	KGM	WSDOT
446	KGM SL 0433 - WSDOT Serial Ltr 0410 OIC Global Pontoon Analyses 6+2 HCT Configuration	KGM	WSDOT
435	WSDOT Serial Ltr 0427 - Updated Change Order Authorized Signature	WSDOT	KGM
436	FB&L Environmental Compliance Manager	WSDOT	KGM

See PW Letter Log or Centric

## RFIs

	Project Total	Avg. Time Open*	Current week	Total Open
RFIs	648	15	5	12

See Centric RFI Log

\* Avg time after all required info from DB provided in order to be able to provide a response

## PICTURES



Placing Cross Beam at Pier 36



Pontoon A Box Columns



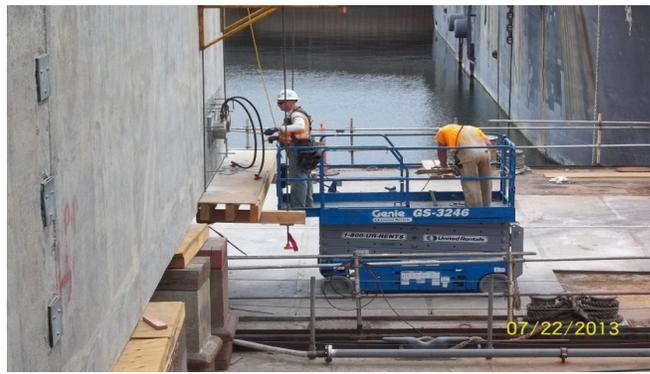
Pier 1 Columns



Traveler System forms on Pier 2 South Column Pier Table



Pontoon W in Seattle Dry Dock



Repair Work on Pontoon T at Portland Dry Dock

# SR520 Flt Bridge and Landings Weekly Report - Attachment A

July 26, 2013

## SCHEDULE

Description	Contract	Baseline January 2012	Current / Actual June 2013	Difference in Days (Current - Baseline)	Forecast
CTC PPDB Production	N/A	9/20/2013	9/9/2014	-354	1/29/2015
CTC Cycle 1	N/A	4/6/2012	7/29/2012	-114	7/29/2012
CTC Cycle 1a	N/A	7/24/2012	2/2/2013	-193	2/2/2013
CTC Cycle 2	N/A	11/10/2012	7/29/2013	-261	7/29/2013
CTC Cycle 2a	N/A	3/2/2013	12/28/2014	-666	1/29/2014
CTC Cycle 3	N/A	6/13/2013	5/6/2014	-327	7/29/2014
CTC Cycle 4	N/A	9/20/2013	9/9/2014	-354	1/29/2015
Pier 36	11/15/2013	11/1/2012	8/12/2013	-284	8/15/2013
Floating Bridge Superstructure	N/A	9/23/2014	2/8/2016	-503	11/16/2015
East Approach	N/A	10/16/2014	5/13/2015	-209	2/11/2015
Maintenance Building	N/A	6/12/2014	11/21/2014	-162	9/8/2014
<b>Substantial Completion</b>	<b>7/31/2015</b>	<b>12/5/2014</b>	<b>4/8/2016</b>	<b>-490</b>	<b>3/6/2016</b>
Existing Bridge Demolition	N/A	7/8/2015	9/30/2016	-450	9/21/2016
<b>Physical Completion</b>	<b>5/26/2016</b>	<b>8/6/2015</b>	<b>11/23/2016</b>	<b>-475</b>	<b>12/31/2016</b>
<b>Completion</b>	<b>8/24/2016</b>	<b>11/4/2015</b>	<b>2/21/2017</b>	<b>-475</b>	<b>3/31/2017</b>
<i>Completion Dates</i>					

### Time Analysis

	Contract Days	Added Days	Days Elapsed	Elapsed %
Substantial Completion	1429	0	694	49%
Physical Completion	300	0	0	0%
Completion	90	0	0	0%

### Potential Schedule Impacts This Period

- CTC - the gate replacement has to occur (without a hitch) on Wednesday 7/30 after the last two pontoons are floated out. The tide will be going down. If there are any issues with replacing the gate, the high tide will be too low over the next two days, to reposition the gate. This may slow the progress of placing exterior forms and beginning cycle 2A as planned.
- The placement of concrete for the Box Column pedestals, originally scheduled for Thursday, July 25, 2013, has been rescheduled for Thursday, August 1, 2013 due to issues with the dowel bars going out of the pontoon deck to the pedestals.
- Placement of Pigmented Sealer for the EA Pier 1 columns has been postponed one week for subcontract and materials approvals

### See Weekly Look Ahead Schedule

## COST

### Emerging Issues Identified This Period (No Cost and Time Information)

KGM received verbal notification from Port of Tacoma of the need to vacate EB1 within a month. Port may have options for KGM
Turnover of SR520 Mainline to KGM on July 28, 2013
SDMS ATM Signs vicinity of Evergreen Point Road

### New Potential Change Issues This Period (ROM Cost and Time)

PCO #		Cost	Time	Region Approval
274	Additional Engr at Vigor Shipyard	\$15,000	0	

### New Pending Changes This Period (Contractor Submitted Costs)

PCO #		Cost	Time	Region Approval
	None this week			

### Force Account (Updated Monthly)

CO #		Contract Value	Amount Paid
58	Underwater Dive Inspection and Crack Mapping	\$500,000.00	\$2,132,201
			Includes \$1.551M Gerwick coffercell, cribbing, and coffercell launch design CO #68 to increase and modify scope
Work Agreements Authorized This Period WA #			
40R1	Inserts for Brace Frames Cycles 3, 4		

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	Number	Dollar Value	Schedule Impact
<b>Original Contract Value</b>		\$586,561,000	
<b>Executed Change Orders</b>	79	\$26,489,562	0
<b>Current Contract Value</b>		\$613,050,562	
<b>Payments to Date: (for work completed thru June 2013)(does not incl CO#108)</b>		\$261,588,612	43%
<b>Pending Changes</b>	82	\$63,141,000	0
<b>Potential Change Issues</b>	86	\$93,043,000	0
		\$769,234,562	<i>\$1,328k decrease from 7/19            PCO 266 declined by WSDOT            Corrected for double counting of PCO's 136, 148,            and 177 (walls in the vic of EPR)</i>

See Change Management Log

**OUTSTANDING ISSUES AND AREAS OF CONCERN**

- State Maintenance discovered existing bridge anchor cable damage / Coast Guard Investigation
- Kenmore ESA/Lawsuit issues
- Tribal Coordination
- Eastside Coordination
- Pontoon W Column Repair
- Pontoon T repairs in Portland
- Medina meeting - Viewpoint Trail design discussion

## SR 520 Bridge Replacement and HOV Program

I-5 to Medina: Stage 1 Evergreen Point Floating Bridge and Landings

### Weekly Construction Report

Program Director:	Julie Meredith	Week Ending:	8/2/2013
Construction Manager:	Dave Becher	Project:	8066/U52004B
Deputy Construction Manager:	Greg Meadows	Project Budget:	\$613.1M
Business Manager:	Julia Mizuhata	Project Cost to Date:	\$267.6M
Design-Builder:	Kiewit/General/Manson (KGM)		

### PROGRESS SUMMARY

#### THIS WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### **CTC Cycle 2 (3rd of 6 cycles)**

- Float out of all 8 pontoons from cycle 2. Fish handling, wash basin and prepare for cycle 2A.

##### **Port of Tacoma / EB1**

- Moorage of 8 cycle 2 pontoons.

##### City of Medina

##### **East Approach**

- Pier 1 - Removed and demobilize column forms and dry finish columns.
- Pier 2 - South Pier Table – Placed bridge span Traveler System forms (West Heading, East Heading).
- Pier 2 - North Pier Table – Placed top deck reinforcement steel and placed post tensioning ducts and tendons.
- Pier 3 - South End Span 1 – No work this week.

##### **Bridge Maintenance Facility & Dock**

- No work this week.

##### Lake Washington

##### **Floating Bridge**

- Pontoon T - Continued repairs at Vigor dry dock in Portland. Stressed upper tendons on 7/30.
- Pontoon W - Continued repairs at Vigor dry dock in Seattle
- Pontoon A - Placed reinforcement steel for box column pedestals.

##### **Pier 36**

- Pier 36 – Grouted ducts and began placement of reinforcement steel for fillets.

##### Kenmore Site

- Tying rebar cages for Pontoon A.

#### NEXT 2 WEEK

##### Concrete Tech Corp (CTC) / Port of Tacoma

##### **CTC Cycle 2a (4th of 6 cycles)**

- Begin setting exterior panels for center well and walls, begin bottom/top mat rebar in keel slab and placement of interior wall curtains.

##### **Port of Tacoma / EB1**

- Post tow inspection of the keel slab on all 8 cycle 2 pontoons, completion of waterproofing of top deck and cell-by-cell check of all cycle 2 pontoons.

##### City of Medina

##### **East Approach**

- Pier 1 - Place pigmented sealer on columns and begin placement of fender system on North Column.
- Pier 2 - North Pier Table – Place top deck reinforcement steel, post tensioning ducts, tendons and concrete.
- Pier 2 - South Pier Table – Continue with bridge span Traveler System forms (West Heading, East Heading).
- Pier 3 - South End Span 1 – No work planned.

##### **Bridge Maintenance Facility & Dock**

- No work planned.

##### **Eastside Roadway**

- Excavation under the Evergreen Point Lid.

##### Lake Washington

##### **Floating Bridge**

- Pontoon T – Continue repairs at Portland dry dock

- Pontoon W – Continue repairs at Seattle dry dock.
- Pontoon A – Place reinforcement steel, forms and concrete for South Box Column closure pours.

**Pier 36**

- Pier 36 – Place reinforcement steel for fillets and place concrete for 2nd lift of cross beam and fillets.

**Kenmore Site**

- No planned activity shown on the 5-week Construction Schedule

**SAFETY**

WSDOT / KGM	Previous Total	Current Week	Project Total
Reportable Incidents	1/13	0/0	1/14
Lost Time Incidents	1/1	0/0	1/1
Contract Days without an Incident			477/9

- No incidents this week

**ENVIRONMENTAL**

	Previous Total	Current Week	Project Total
Non-Compliance Event	16	0	16
Minor Environmental Event	26	0	26

- Fish handling for Cycle 2 float-out at CTC occurred the evening of July 31st. A total of 361 fish were removed. There were only 3 mortalities and no ESA listed species identified.
- KGM submitted a draft fish handling/exclusion plan for the floating coffer dams to WSDOT. This was submitted to WDFW and responses are due by 7/31.
- Robert Brenner, KGMs Environmental Compliance Manager, will be leaving in mid-August. We will be working with him on a transition plan.
- Continue to collect data to determine the presence and extent of exotic marine organisms (biofouling) at the moorage facility in Aberdeen. So far none have been found.
- 7/31 - KGM submitted their 7 day noise notification to the City of Medina.

**QUALITY**

	Previous Total	Current Week	Project Total	Open	Closed
Audits - Planned vs. Actual	849	9-17	866	8	858

	Previous Total	Open	Current Week	Avg. Time Open
Non-Compliance Incidents (NCI)	302	13	1	160
Non-Compliance Reports (NCR)	146	36	1	168

**NCIs were issued for the following reasons:**

KGM IDR format. No resolution at this time.

**NCRs were issued for the following reasons:**

NCR #147 Most of the soffits in the pontoon cell of cycle 2 have total crack lengths greater than 30LF as allowed by the RFP. RFI issued to accept "as-is".

See NCI/NCR Log

**PUBLIC OUTREACH / COMMUNICATION**

- Participated in bi-weekly Kenmore agency coordination meeting.
- Continued planning and content development for summer Floating Bridge Construction update newsletter.
- Participated in media event at Vigor dry dock with Secretary Peterson.
- Distributed notification regarding east navigation channel opening and drawspan restrictions during Seafair weekend.
- Responded to inquirers regarding drawspan openings and bridge design.
- Attended CTC float-out, took photos and posted on Flickr site.

**SENT / RECEIVED - SERIAL LETTERS FOR WEEK**

Serial	Topic	TO	FROM
447	KGM SL 0430 Direction to Leave Existing Side Mounted Dynamic Message Signs (SDMS) in Place	KGM	WSDOT
448	July 28, 2013 Turnover Agreement Between WSDOT, KGM and ECC	KGM	WSDOT
449	CO No. 089 Eliminate Work in a Dewatered Setting	KGM	WSDOT
450	CO No. 098 3-Component Epoxy Bonding Agent	KGM	WSDOT
451	CO No. 102 Maturity Meter in Lieu of Test Cylinders for PPDB	KGM	WSDOT
452	CO No. 106 Toll Cabinet Sun Shields	KGM	WSDOT
453	CO No. 107 PFS Type 1/1A End Wall Column Connection Analysis	KGM	WSDOT
454	KGM SL 0421 KGM RFI 613 Grays Harbor Moorage Shackle Connections	KGM	WSDOT
455	KGM SL 0417 and 0427 - Final Report on Pontoon W and T Dry Docking Analysis for Pontoon Repairs - PC	KGM	WSDOT

456	Pontoon W additional core locations	KGM	WSDOT
438	FRP Installation Impacts - PCO 261	WSDOT	KGM
439	Additional Engineering at Vigor	WSDOT	KGM
440	Revised Gantry Height Requirements	WSDOT	KGM

See PW Letter Log or Centric

**RFIs**

	Project Total	Avg. Time Open*	Current week	Total Open
RFIs	652	16	3	13

See Centric RFI Log

\* Avg time after all required info from DB provided in order to be able to provide a response

**PICTURES**



Cross Beams Placed on Pier 36 Columns



Pontoon A Box Column Pedestal



Pier 1 Columns



Traveler System Forms on Pier 2 South Column Pier Table



Pontoon W in Seattle Dry Dock



View of the pontoons at CTC during flooding of the graving dock.  
Photo by: Fred Heigl

Water up for Cycle 2 Float out at CTC

# SR520 Flt Bridge and Landings Weekly Report - Attachment A

August 2, 2013

## SCHEDULE

Description	Contract	Baseline January 2012	Current / Actual June 2013	Difference in Days (Current - Baseline)	Forecast
CTC PPDB Production	N/A	9/20/2013	9/9/2014	-354	1/29/2015
CTC Cycle 1	N/A	4/6/2012	7/29/2012	-114	7/29/2012
CTC Cycle 1a	N/A	7/24/2012	2/2/2013	-193	2/2/2013
CTC Cycle 2	N/A	11/10/2012	7/29/2013	-261	7/29/2013
CTC Cycle 2a	N/A	3/2/2013	12/28/2014	-666	1/29/2014
CTC Cycle 3	N/A	6/13/2013	5/6/2014	-327	7/29/2014
CTC Cycle 4	N/A	9/20/2013	9/9/2014	-354	1/29/2015
Pier 36	11/15/2013	11/1/2012	8/12/2013	-284	8/15/2013
Floating Bridge Superstructure	N/A	9/23/2014	2/8/2016	-503	11/16/2015
East Approach	N/A	10/16/2014	5/13/2015	-209	2/11/2015
Maintenance Building	N/A	6/12/2014	11/21/2014	-162	9/8/2014
<b>Substantial Completion</b>	<b>7/31/2015</b>	<b>12/5/2014</b>	<b>4/8/2016</b>	<b>-490</b>	<b>3/6/2016</b>
Existing Bridge Demolition	N/A	7/8/2015	9/30/2016	-450	9/21/2016
<b>Physical Completion</b>	<b>5/26/2016</b>	<b>8/6/2015</b>	<b>11/23/2016</b>	<b>-475</b>	<b>12/31/2016</b>
<b>Completion</b>	<b>8/24/2016</b>	<b>11/4/2015</b>	<b>2/21/2017</b>	<b>-475</b>	<b>3/31/2017</b>
<i>Completion Dates</i>					

### Time Analysis

	Contract Days	Added Days	Days Elapsed	Elapsed %
Substantial Completion	1429	0	701	49%
Physical Completion	300	0	0	0%
Completion	90	0	0	0%

### Potential Schedule Impacts This Period

- The placement of concrete for the Box Column pedestals, originally scheduled for Thursday, July 25, 2013, has been rescheduled for Wednesday, August 7, 2013 due to issues with the dowel bars going out of the pontoon deck to the pedestals. No effect on critical schedule activities.
- The placement of concrete for the Pier 2, North Column Top Deck, scheduled for Friday, August 2, 2013 has been rescheduled for Wednesday, August 7, 2013. No effect on critical schedule activities.

### See Weekly Look Ahead Schedule

## COST

### Emerging Issues Identified This Period (No Cost and Time Information)

Additional investigative cores in pontoon W
Maintenance and damage responsibility for pontoon in Grays Harbor moorage (related to shackle issue below)

### New Potential Change Issues This Period (ROM Cost and Time)

PCO #		Cost	Time	Region Approval
265	Grays Harbor Moorage Shackle Connection (No entitlement)	\$50,000	0	

### New Pending Changes This Period (Contractor Submitted Costs)

PCO #		Cost	Time	Region Approval
142c	Revised Gantry Height Requirements (revised cost proposal)	\$150,122.00		
247	Additional Engr at Vigor shipyard (new cost proposal)	\$22,573.00		
261	Impacts to FRP Attachments in pontoon walls (new cost proposal)	\$10,000.00		

### Force Account (Updated Monthly)

CO #		Contract Value	Amount Paid
58	Underwater Dive Inspection and Crack Mapping	\$500,000.00	\$2,132,201
			Includes \$1.551M Gerwick coffercell, cribbing, and coffercell launch design CO #68 to increase and modify scope

### Work Agreements Authorized This Period

WA #	
	No Work Agreements this week

	Number	Dollar Value	Schedule Impact
<b>Original Contract Value</b>		\$586,561,000	
<b>Executed Change Orders</b>	81	\$75,248,253	0
<b>Current Contract Value</b>		\$661,809,253	
<b>Payments to Date:</b> <i>(for work completed thru June 2013 including CO#108)</i>		\$267,555,348	40%
<b>Pending Changes</b>	82	\$14,406,000	0
<b>Potential Change Issues</b>	86	\$93,093,000	0
		\$769,308,253	\$74k increase from 7/26 Added PCO 261, 265. Increase to PCO's 142c and 247

See Change Management Log

#### OUTSTANDING ISSUES AND AREAS OF CONCERN

- State Maintenance discovered existing bridge anchor cable damage / Coast Guard Investigation
- Kenmore ESA/Lawsuit issues
- Tribal Coordination
- Pontoon W Column Repair
- Pontoon T and W repairs