

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Bob Dyer  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 5/4/2012  
 Project: 7963/U52021A  
 Project Budget: \$317M  
 Project Cost to Date: \$116M

### SUMMARY NARRATIVE

#### This Week

- Ongoing Roadway, Structure, Hydraulic, Utilities, Landscape-Design, MOT Package and RFC, as-builts , NDCs and FDCs submittals
- The Design team is evaluating the noise wall design to modify the height required to meet WSDOT commitments to the communities, this work is currently been tracked for payment as time and material pending executing a change order
- Ongoing fabrication of fish passage culverts, concrete barriers, noise wall barriers and pre-stressed concrete girders
- Ongoing utility work at the Evergreen Point Road Lid, 84th Ave NE and 92nd Ave NE I/C lids, NE Points Drive and Bellevue Way areas
- At Evergreen Point Road: west portion pier 1 -test PGA's at lift #2, set forms, tie rebar and pour Wall W1-2; pier 3 -set forms and pour pier cap 3-2; pier 4 - continue tying rebars, setting forms and pouring concrete for wall 4-1
- At Fairweather Bay: Wall 3-28: backfill Walls 1 & 2, set forms and pour concrete for walls 6 and 8, install solidier piles
- At 84th Ave NE Lid: install Pier 3 west end bag wall; set forms, tie rebar and pour concrete for Wall ECC-04 footing, set forms and tie rebar for ECC-04 Wall; 84th Lid Pedestrian Tunnel - strip soffits; set forms and rebar cages for intermediate diaphragms, set form for lower diaphragms for piers 1 and 3; continue strip decks and pier diaphragms from the CIP deck
- At 92nd Ave NE Lid: proof test for Wall 4B-02; finish ped tunnel backfill bag wall ECC-55; backfill pier 3 bag wall; Retaining Wall ECC 4B-13 - bench and facing excavation; continued excavation at the yard near the 92nd EB on-ramp for roadway widening; Retaining Wall 4B-07 - face lift #1 and #2, shoring and shotcrete, bulk out 3rd lift and build bench
- Bellevue Way NE Bridge: set forms and pour concrete for barrier rails in 24 foot sections for the CIP deck; Bellevue Way Ped Tunnel - excavate and place CSBC for temporary shift of WB on ramp, pave temporary shift of WB on ramp, install temp shoring and excavate and install under drain; Pond E4 - excavate and backfill for haul road; Wall 4B-31 - build and back fill wall near Kinder Care; Wall 4B-50 - preload FPS-F and wall and monitor settlement
- NE Points Drive Area: power cut over to new system
- To date, there are 121 NCIs issued by WSDOT QV. There was a rise in NCI's related to the Design-Builder's Quality processes, work plans and construction activity. There are 118 NCRs issued by the Design-Builder QA

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- TV and radio interviews regarding weekend closure of SR 520
- Published time-lapse video on YouTube showing weekend girder setting at 84th Ave NE. KOMO and KIRO reposted on their web pages

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	37	0	37
<b>Minor Environmental Event</b>	98	0	98

#### Event/Mitigation:

- No new ECAPs or other events for the week

### RISKS

Top 4 Risks	Potential Dollar Value	Potential Schedule Impact
1 Redesign of Fairweather Bay Basin to match Shoreline permit Exhibits (schedule delay)	\$4.5M-\$9M	1-3 Months
2 Noise Wall change orders	\$1.2M - \$16.5M	TBD

3	Geotech issues	\$10M	TBD
4	Evergreen Point Lid Under Deck Illumination	\$.75M - \$1M	No

Mitigation Activities

- 1 WSDOT received ECC's letter request for equitable adjustment for Fairweather Bay Scope Increases and associated schedule impacts, WSDOT is evaluating the chronological events of these changes and it is impact to the schedule and assess the entitlement
- 2 WSDOT and ECC negotiated the first two noise wall change orders, one for establishing the baseline to adjust noise walls to comply with the EA, and the other change order to build the noise wall at the top the westbound off ramp to 92nd Ave. WSDOT and ECC continued evaluating the remaining noise wall change orders at different location along the corridor
- 3 WSDOT and ECC are in discussions with HQ-Geotech Re: 4B-19 lateral spreading design, and the global stability and land slide area at Bellevue Way I/C. WSDOT provided the audit findings of retaining wall designs that do not comply with the contract requirements
- 4 The Project is developing an independent cost estimate for this work, to include in a change order

[<Risk Log Link>](#)

**SAFETY (WSDOT / ECC)**

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	1/0	0/0	1/0
<b>Contract Days without an Incident</b>			456/210

**SCHEDULE**

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	12/20/2013**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	9/17/2013**

\*Contract Milestones

\*\*According to the Final Monthly Progress Working Schedule for March 2012

Mitigation: WSDOT and ECC are collaborating to identify solutions to bring the milestones back on schedule.

The schedule update shows potential delay for meeting the Contract's milestones at Evergreen Point Road (ECC is evaluating options) and will be coordinating with the FB&L Project through WSDOT

**FORECAST**

**Planned for Next Week**

- Ongoing fabricating of Fish Passage Culverts D-G and noise wall barriers, and concrete girders
- Evaluating the noise wall design to modify the height that required to meet WSDOT commitments to the communities, this work is currently been tracked for payment as time and material to paid via a change order
- Ongoing utility work at the 84th Ave. NE Lid, 92nd Ave NE Lid, NE Points Drive Area and Bellevue Way areas
- At Evergreen Point Road Lid: west portion pier 1 -test PGA's at lift #B2, install rat slab; pier 3 -set forms and pour pier cap 3-3; pier 4 - continue tying rebars, setting forms and pouring concrete for wall W4-2; Wall 3-14 - set forms, pour concrete for CS1 foundation and strip forms and install conduits and anchor bolts
- At Fairweather Bay: Wall 3-28, continue installing soldier piles, excavate face and install lagging
- At 84th Ave NE Lid: set forms, tie rebar and pour concrete for Wall ECC-04 footing, set forms and tie rebar for ECC-04 Wall 1; set forms and pour concrete for span 1 of intermediate diaphragms, set form and pour concrete for lower diaphragms for piers 1 and 3; CIP deck - build tub overhang and set forms soffits for deck pour 2 of span 1
- At 92nd Ave NE: ped tunnel- set forms and pour concrete for wing wall and curbs, continue setting forms for west lid edge railing/curbs for the CIP deck; Retaining Wall ECC-12 - set forms and pour concrete for ECC12A; Retaining Wall ECC 4B-13 - install rocks; finish CSBC and pave HMA at the yard near the 92nd EB on-ramp for roadway widening; Retaining Wall 4B-07 - face lift #3 and #4, shoring and shotcrete, bulk out 4nd lift and build bench
- Bellevue Way NE Bridge: fabricate upper portal column forms; continue to set forms and pour concrete for barrier rails in 24 foot sections for the CIP deck; Bellevue Way Ped Tunnel - continue excavating and install under drain; Pond E4 - excavate and backfill for haul road; Wall 4B-31 - build and back fill wall near Kinder Care; Wall 4B-50 - continue monitoring settlement
- NE Points Drive Area: concrete flatwork

**Planned for Next Three Months**

- Planning for other SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge
- Securing needed right of way

[<Construction Look-Ahead Link>](#)

## CHANGE MANAGEMENT

### Change Order Status

- Ongoing discussions with ECC related to the noise walls changes
- WSDOT will be developing the design for relocating of the Points Loop Connector and the Medina Circle that will be constructed by ECC by change orders
- Coordinating with the City of Bellevue storm sewer siphon line

## IMAGES



84 Girders installed during the April 27-30 weekend closure  
(facing west)



Roadway Excavation work east of 92nd Ave NE  
(facing east)

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Bob Dyer  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 5/11/2012  
 Project: 7963/U52021A  
 Project Budget: \$317M  
 Project Cost to Date: \$122M

### SUMMARY NARRATIVE

#### This Week

- Ongoing Roadway, Structure, Hydraulic, Utilities, Landscape-Design, MOT Package and RFC, as-builts , NDCs and FDCs submittals
- The Design team is evaluating the noise wall design to modify the height required to meet WSDOT commitments to the communities, this work is currently been tracked for payment as time and material pending executing a change order
- Ongoing fabrication of fish passage culverts, concrete barriers, noise wall barriers and pre-stressed concrete girders
- Ongoing utility work at the Evergreen Point Road Lid, 84th Ave NE and 92nd Ave NE I/C lids, NE Points Drive and Bellevue Way areas
- At Evergreen Point Road: west portion pier 1 -test PGA's at lift #2B, install rat slab; pier 3 -set forms and pour pier cap 3-3; pier 4 - continue tying rebars, setting forms and pouring concrete for wall W4-2; Wall 3-14 - set forms, pour concrete for CS1 foundation and strip forms and install conduits and anchor bolts; build ramp for lid access, place temporary barrier along lid edge
- At Fairweather Bay: Wall 3-28 backfill walls 1 and 2, install drainage behind the wall; set remaining ECC-28 cages and pour remaining piles for shoreline curb work
- At 84th Ave NE Lid: At Pier 1, west end backfill bagwall; set forms, Excavate for Wall ECC-04 footing, set forms and tie rebar for ECC-04 footing; set forms and pour concrete for span 2 of intermediate diaphragms, set form and pour concrete for lower diaphragms for piers 1 and 3; CIP deck - build tub overhang and set forms soffits for deck pour 2 of span 1
- At 92nd Ave NE Lid: Retaining Wall ECC-12 - set forms and pour concrete for ECC12A; Retaining Wall ECC 4B-13 - install rocks; finish CSBC and pave HMA at the yard near the 92nd EB on-ramp for roadway widening; Retaining Wall 4B-07 - face lift #2 and #3, shoring and shotcrete, bulk out 4nd lift and build bench
- Bellevue Way NE Bridge: fabricate upper portal column forms; continue to set forms and pour concrete for barrier rails in 24 foot sections for the CIP deck; Bellevue Way Ped Tunnel - continue excavating and install under drain; Pond E4 - excavate and backfill for haul road; Wall 4B-50 - continue monitoring settlement
- NE Points Drive Area: Wall 4B-19 - clearing work; grade chitosan system
- To date, there are 121 NCIs issued by WSDOT QV, 65 of which are resolved. There was a rise in NCI's related to the Design-Builder's Quality processes, work plans and construction activity. There are 122 NCRs issued by the Design-Builder QA, 88 of which are resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- 5/3: ECC sent reminder email and door hangers to Yarrow Point residents regarding the 5/8 water shutoff.
- 5/4: Email and Web announcements of 5/22, 5/23, 5/30 overnight directional closures of SR 520 floating bridge and highway.
- 5/8: Yarrow Point Town Council meeting regarding the nighttime noise exemption. No action taken. Next steps: ECC, WSDOT meet with Yarrow Point noise consultant.
- 5/9: ECC email to Hunts Point regarding residents several weeks of night work on 84th Ave NE.

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	37	0	37
<b>Minor Environmental Event</b>	98	0	98

#### Event/Mitigation:

- No new ECAPs or other events for the week

### RISKS

Top 4 Risks

	Potential Dollar Value	Potential Schedule Impact
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1	Redesign of Fairweather Bay Basin to match Shoreline permit Exhibits (schedule delay)	\$4.5M-\$9M	1-3 Months
2	Noise Wall change orders	\$1.2M - \$16.5M	TBD
3	Geotech issues	\$10M	TBD
4	Evergreen Point Lid Under Deck Illumination	\$.75M - \$1M	No

Mitigation Activities

- 1 WSDOT received ECC's letter request for equitable adjustment for Fairweather Bay Scope Increases and associated schedule impacts, WSDOT is evaluating the chronological events of these changes and it is impact to the schedule and assess entitlement
- 2 WSDOT and ECC negotiated the first two noise wall change orders, one for establishing the baseline to adjust noise walls to comply with the EA, and the other change order to build the noise wall at the top the westbound off ramp to 92nd Ave. WSDOT and ECC continued evaluating the remaining noise wall change orders at different location along the corridor
- 3 Ongoing discussions between WSDOT and ECC regarding the Geotech design of walls in the vicinity of Bellevue Way I/C. including lateral spreading design, Qppl and global stability and land slide area at Bellevue Way I/C. the discussion includes using the LRFD 2012 guidelines.
- 4 The Project is developing an independent cost estimate for this work, to include in a change order

[<Risk Log Link>](#)

**SAFETY (WSDOT / ECC)**

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	1/0	0/0	1/0
<b>Contract Days without an Incident</b>			456/210

**SCHEDULE**

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	12/20/2013**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	9/17/2013**

\*Contract Milestones

\*\*According to the Draft Monthly Progress Working Schedule for April 2012

Mitigation: WSDOT and ECC are collaborating to identify solutions to bring the milestones back on schedule

The schedule update shows potential delay for meeting the Contract's milestones at Evergreen Point Road (ECC is evaluating options) and will be coordinating with the FB&L Project through WSDOT

**FORECAST**

**Planned for Next Week**

- Ongoing fabricating of Fish Passage Culverts D-G and noise wall barriers, and concrete girders
- Evaluating the noise wall design to modify the height that required to meet WSDOT commitments to the communities, this work is currently been tracked for payment as time and material to paid via a change order
- Ongoing utility work at the 84th Ave. NE Lid, 92nd Ave NE Lid, NE Points Drive Area and Bellevue Way areas
- At Evergreen Point Road Lid: west portion pier 1 -set forms, tie rebar and pour concrete for wall W1-3; pier 3 -set forms and pour pier cap 3-4; pier 4 - continue tying rebars, setting forms and pouring concrete for wall W4-3;
- At Fairweather Bay: Wall 3-28 backfill walls 1 and 2, installing soldier piles, continue shoreline work
- At 84th Ave NE Lid: complete pour concrete for Wall ECC-04 footing and set forms and tie rebar for ECC-04 Wall 1; excavate for wall ECC-05; set forms and pour concrete for span 1 of intermediate diaphragms, set form and pour concrete for lower diaphragms for piers 1 and 3; CIP deck - forms soffits for deck pour 2 of span 1; SIP Deck - set SIP panels for Span 1
- At 92nd Ave NE: demobilize formwork at Wall 4B-01; ped tunnel- set forms and pour concrete for wing wall and curbs, continue setting forms for west lid edge railing/curbs for the CIP deck; At pier 1, set rebars for portal column stage 2; begin setting forms and tying rebar for the footing and wall for the 92nd Ped Bridge at pier 2; Retaining Wall ECC-12 - set forms and pour concrete for ECC12A; Noise wall 7B - build access into wall 7B; finish CSBC and pave HMA at the yard near the 92nd EB on-ramp for roadway widening; Retaining Wall 4B-07 - face lift #4, shoring and shotcrete, bulk out 4th lift and build bench
- Bellevue Way NE Bridge: Strip upper portal column forms at pier 3; install communications conduits for the CIP deck; Bellevue Way Ped Tunnel - continue excavating and install under drain, set forms and pour rat slab; Pond E4 - excavate and backfill for haul road; Wall 4B-31 - level pad and deliver panels for the wall near Kinder Care; Wall 4B-50 - continue monitoring settlement
- NE Points Drive Area: continue clearing for Wall 4B-19

**Planned for Next Three Months**

- Planning for other SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge
- Securing needed right of way

[<Construction Look-Ahead Link>](#)

[<Design Submittal - Link>](#)

**CHANGE MANAGEMENT**

**Change Order Status**

- Ongoing discussions with ECC related to the noise walls changes
- WSDOT will be developing the design for relocating of the Points Loop Connector and the Medina Circle that will be constructed by ECC by change orders
- Coordinating with the City of Bellevue storm sewer siphon line

**IMAGES**



Rockwall 4B-13 near 92nd Ave NE  
(facing south)



Continued Construction of Wall 4B07 near 92nd Ave NE  
(facing northeast)

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Bob Dyer  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 5/18/2012  
 Project: 7963/U52021A  
 Project Budget: \$317M  
 Project Cost to Date: \$122M

### SUMMARY NARRATIVE

#### This Week

- Ongoing Roadway, Structure, Hydraulic, Utilities, Landscape-Design, MOT Package and RFCs, as-builts, NDCs and FDCs submittals
- The Design team is evaluating the noise wall design to modify the height required to meet WSDOT commitments to the communities, this work is currently being tracked for payment as time and material pending executing a change order
- Ongoing fabrication of fish passage culverts, concrete barriers, noise wall barriers and pre-stressed concrete girders
- Ongoing utility work at the Evergreen Point Road Lid, 84th Ave NE and 92nd Ave NE I/C lids, NE Points Drive and Bellevue Way/108th Ave NE areas
- At Evergreen Point Road: pier 1 - set forms and tie rebar for walls W1-3 and W-4; pier 3 -set forms and pour pier cap 3-4; pier 4 - continue tying rebars, setting forms and pouring concrete for wall W4-3
- At Fairweather Bay: Wall 3-28 backfill walls, install drainage behind the wall, install soldier piles without permanent ground anchors (PGA)
- At 84th Ave NE Lid: At pier 1, continue west end backfill bagwall; Wall ECC-04 - set forms, tie rebar and pour concrete for footing and wall; Wall ECC-05 - excavate and grade for rat slab; CIP deck - strip decks and pier diaphragms, form soffits for deck pour 2 on span 1; SIP Deck - install electrical deck inserts and set SIP panels for span 1
- At 92nd Ave NE Lid: demobilize formwork at Wall 4B-01; 92nd Pedestrian Tunnel - set forms and pour concrete for wing walls and curb; Wall ECC-55, set forms and tie rebar; piers 1 and 3 - backfill 92nd approaches; 92nd Lid - build 92nd stage 2 approaches and install stage 2 striping/fence barrier and signs for switching traffic to the new lid; CIP Deck - remove oak blocks; Retaining Wall ECC-12 - set forms and pour concrete for rat slab and ECC12A; EB On-ramp KXE line excavation, install rock wall under drain; Retaining Wall 4B-07 - bulk out 4th lift and build bench, face lift #4, shoring and shotcrete, grade bottom of the wall and build crane pad
- Bellevue Way NE Bridge and 108th: set forms and pour concrete for upper portal columns at pier 3; continue to set forms and pour concrete for barrier rails for the CIP deck, and install communication conduits under the bridge; Bellevue Way Ped Tunnel - continue excavating and install under drain; Pond E4 - continue backfill for haul road and install drainage; Wall 4B-50 - continue monitoring settlement; excavate for pipe ditch at 108th off-ramp
- NE Points Drive Area: Wall 4B-19 - continue clearing work
- To date, there are 121 NCIs issued by WSDOT QV, 75 of which are resolved. There was a rise in NCI's related to the Design-Builder's Quality processes, work plans and construction activity. There are 128 NCRs issued by the Design-Builder QA, 88 of which are resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- SR 520 email update included announcement of the 5/22, 5/23, 5/30 overnight single-direction closures of floating bridge and highway.
- ECC sent notice to Yarrow Point and Clyde Hill regarding the 5/19 traffic shift to new 92nd Ave NE lid and 6/1-6/4 demo of existing overpass.

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	37	0	37
<b>Minor Environmental Event</b>	98	0	98

#### Event/Mitigation:

- No new ECAPs or other events for the week

## RISKS

Top 4 Risks	Potential Dollar Value	Potential Schedule Impact
1 Redesign of Fairweather Bay Basin to match Shoreline permit Exhibits (schedule delay)	\$4.5M-\$9M	1-3 Months
2 Noise Wall change orders	\$1.2M - \$16.5M	TBD
3 Geotech issues	\$10M	TBD
4 Evergreen Point Lid Under Deck Illumination	\$.75M - \$1M	No

### Mitigation Activities

- 1 WSDOT received ECC's letter request for equitable adjustment for Fairweather Bay Scope Increases and associated schedule impacts, WSDOT is evaluating the chronological events of these changes and it is impact to the schedule and assess entitlement
- 2 WSDOT and ECC negotiated the first two noise wall change orders, one for establishing the baseline to adjust noise walls to comply with the EA, and the other change order to build the noise wall at the top the westbound off ramp to 92nd Ave. WSDOT will be processing a change order to pay for the design effort to redesign the noise wall heights between EPR and 92nd Ave I/C, that will be followed by other change orders to construct the RFC revised walls.
- 3 Ongoing discussions between WSDOT and ECC regarding the Geotech design of walls in the vicinity of Bellevue Way I/C. including lateral spreading design, Qppl and global stability and land slide area at Bellevue Way I/C. the discussion includes using the LRFD 2012 guidelines.
- 4 The Project is developing an independent cost estimate for this work, to include in a change order

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	1/0	0/0	1/0
<b>Contract Days without an Incident</b>			456/210

## SCHEDULE

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Evergreen Point Area work	7/28/2013*	7/28/2013	9/17/2013**

\*Contract Milestones

\*\*According to the Draft Monthly Progress Working Schedule for April 2012

Mitigation: WSDOT and ECC are collaborating to identify solutions to bring the Evergreen Point Area Work milestone back on schedule. The schedule update shows potential delay for meeting the Contract's milestones at Evergreen Point Road (ECC is evaluating options) and will be coordinating with the FB&L Project through WSDOT

## FORECAST

### Planned for Next Week

- Ongoing fabricating of Fish Passage Culverts D-G and noise wall barriers, and concrete girders
- Evaluating the noise wall design to modify the height that is required to meet WSDOT commitments to the communities, this work is currently been tracked for payment as time and material to paid via a change order and separate change orders for the construction of these walls
- Ongoing utility work at the 84th Ave. NE Lid, 92nd Ave NE Lid, NE Points Drive Area and Bellevue Way areas
- At Evergreen Point Road Lid: west portion pier 1 - pour concrete for wall W1-4; pier 3 -strip pier caps and demobilize; pier 4 - strip forms and demobilize, backfill, remove PGA's and whalers, and prep grade for crane pad between piers 3 and 4; CIP deck - strip decks and pier diaphragms closures, set form sand pour concrete for parking lot curbs and lid edge railings, install walk decks at piers 1 and 4
- At Fairweather Bay: Wall 3-28 - continue installing soldier piles without PGA and excavate face and install lagging
- At 84th Ave NE Lid: Pedestrian tunnel - set forms and tie rebar for the east headwall, survey top of the east headwall and pour concrete; Wall ECC-04, continue setting forms and pour concrete for wall portion, survey top of the wall, and pour concrete for wall 1; wall ECC-05 - continue grading for rat slab; CIP deck - forms soffits for deck pour 3 of span 1; SIP Deck - set SIP panels for Span 2

- At 92nd Ave NE: ped tunnel- continue setting forms for Wall ECC-55, continue setting forms for west lid edge railing/curbs for the CIP deck; At pier 1, set rebars for portal column stage 2; tie wall rebar for the 92nd Ped Bridge at pier 2; Retaining Wall ECC-12 - continue setting forms and pour concrete for ECC12A; EB on-ramp - set forms, tie rebar and pour concrete for light foundations, grade for barrier; Retaining Wall 4B-07 - mobilize form and crane, set forms and pour rat slab, survey joints and elevations on rat slab
- Bellevue Way NE Bridge: CIP deck - continue to set forms and pour barrier rail sections, Bellevue Way ped tunnel - set forms and pour concrete for the rat slab, install lighting conduit, tie rebar, set forms and pour concrete for the bottom slab, continue to install conduits in the barrier; Wall 4B-31 - continue building and backfilling for the wall near Kinder Care; Wall 4B-50 - continue monitoring settlement
- NE Points Drive and 108th area: install access from NE Points to WB 520; excavate for Wall 4B-19; Culvert G - clear WSDOT Northup Maintenance Facility parking lot and area; continue excavation at 108th off ramp

**Planned for Next Three Months**

- Planning for 6/1-6/4 SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge
- Securing needed right of way

[<Construction Look-Ahead Link>](#)

[<Design Submittal - Link>](#)

**CHANGE MANAGEMENT**

**Change Order Status**

- Ongoing discussions with ECC related to noise walls changes
- WSDOT will be developing the design for relocating of the Points Loop Connector and the Medina Circle that will be constructed by ECC by change orders
- Coordinating with the City of Bellevue storm sewer siphon line

**IMAGES**



Wall 3-28 Soldier Pile Section at Fairweather Bay  
(facing East)



Grading approaches at 92nd Ave NE Lid  
(facing southeast)

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## Weekly Report

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### SUMMARY NARRATIVE

#### This Week

- Ongoing Roadway, Structure, Hydraulic, Utilities, Landscape-Design, MOT Package and RFCs, as-builts, NDCs and FDCs submittals
- The Design team is evaluating the noise wall design to modify the height required to meet WSDOT commitments to communities, this work is currently being tracked for payment as time and material pending executing a change order, three NTP to construct noise walls evaluated and released in NDCs
- Ongoing fabrication of fish passage culverts, concrete barriers, noise wall barriers and pre-stressed concrete girders
- Ongoing utility work at the Evergreen Point Road Lid, 84th Ave NE and 92nd Ave NE I/C lids, NE Points Drive and Bellevue Way/108th Ave NE areas
- At Evergreen Point Road: west portion pier 1: strip forms and demob for backfill; pier 3: strip pier caps and demobilize; pier 4: strip forms and demobilize, backfill, remove PGA's and whalers, and prep grade for crane pad between piers 3 and 4; CIP deck: strip decks and pier diaphragms closures, set form sand pour concrete for parking lot curbs and lid edge railings, install walk decks at piers 1 and 4
- At Fairweather Bay: Wall 3-28 - continue installing soldier piles without PGA and excavate face and install lagging
- At 84th Ave NE Lid: pedestrian tunnel: set forms and tie rebars for the east headwall, survey top of the east headwall and pour concrete; Wall ECC-04, continue setting forms and pour concrete for wall portion, survey top of the wall, and pour concrete for wall 4; CIP deck: forms soffit for deck pour 3 of span 1 and deck pour 2 of span 2; SIP Deck - electrical deck inserts
- At 92nd Ave NE Lid: Wall 4B-01 - demob formwork, fabricate replacement formwork; at pier 1, set rebars for portal column stage 2; Retaining Wall ECC-12 - continue setting forms and pour concrete for ECC12A; EB on-ramp - On-ramp Drainage, install ITS/Power conduit and cabinet pads, grade for barrier; Retaining Wall 4B-07 - shoring and shotcrete part 1, mobilize form and crane, set forms and pour rat slab, survey joints and elevations on rat slab
- Bellevue Way NE Bridge and 108th: CIP deck - continue to set forms and pour barrier rail sections, Bellevue Way ped tunnel - set forms and pour concrete for the rat slab, install lighting conduit, tie rebars, set forms and pour concrete for the bottom slab, continue to install conduits in the barrier; Wall 4B-31 - continue building and backfilling for the wall near Kinder Care; Wall 4B-50 - continue monitoring settlement; Pond E4 - drainage work
- NE Points Drive Area: install access from NE Points to WB 520; excavate for Wall 4B-19; Culvert G - clear WSDOT Northrup Maintenance Facility parking lot and area; continue excavation at 108th off ramp
- To date, there are 121 NCIs issued by WSDOT QV, 75 of which are resolved. There was a rise in NCI's related to the Design-Builder's Quality processes, work plans and construction activity. There are 130 NCRs issued by the Design-Builder QA, 88 of which are resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- Press release announcing overnight closures for May 22, 23, 30 and the upcoming full weekend weekend closure for June 1-4
- ECC email to 84th Ave NE neighbors regarding status of nighttime utility work in that area
- ECC sent email to corridor neighbors, local elected officials and staff stating that ECC was not involved in workplace drinking that was subject of 5/22 KOMO-TV

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	37	0	37
<b>Minor Environmental Event</b>	98	0	98

#### Event/Mitigation:

- No new ECAPs or other events for the week

## RISKS

Top 4 Risks	Potential Dollar Value	Potential Schedule Impact
1 Redesign of Fairweather Bay Basin to match Shoreline permit Exhibits (schedule delay)	\$4.5M-\$9M	1-3 Months
2 Noise Wall change orders	\$1.2M - \$16.5M	TBD
3 Geotech issues	\$10M	TBD
4 Evergreen Point Lid Under Deck Illumination	\$840K	No

### Mitigation Activities

- 1 WSDOT received ECC's letter request for equitable adjustment for Fairweather Bay Scope Increases and associated schedule impacts, WSDOT is evaluating the chronological events of these changes and it is impact to the schedule and assess entitlement
- 2 WSDOT and ECC negotiated the first two noise wall change orders, one for establishing the baseline to adjust noise walls to comply with the EA, and the other change order to build the noise wall at the top the westbound off ramp to 92nd Ave. WSDOT will be processing a change order to pay for the design effort to redesign the noise wall heights between EPR and 92nd Ave I/C, that will be followed by other change orders to construct the RFC revised walls.
- 3 Ongoing discussions between WSDOT and ECC regarding the Geotech design of walls in the vicinity of Bellevue Way I/C. including lateral spreading design, Qppl and global stability and land slide area at Bellevue Way I/C. the discussion includes using the LRFD 2012 guidelines.
- 4 WSDOT and ECC negotiated the equitable adjustment for the design and construction of the illumination system needed by this change order

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	1/0	0/0	1/0
<b>Contract Days without an Incident</b>			<b>456/210</b>

## SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	12/20/2013**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	9/17/2013**

\*Contract Milestones

\*\*According to the Draft Monthly Progress Working Schedule for April 2012

Mitigation: WSDOT and ECC are collaborating to identify solutions to bring the Evergreen Point Area Work milestone back on schedule. The schedule update shows potential delay for meeting the Contract's milestones at Evergreen Point Road (ECC is evaluating options) and will be coordinating with the FB&L Project through WSDOT

## FORECAST

### Planned for Next Week

- Ongoing fabricating of Fish Passage Culverts D-G and noise wall barriers, and concrete girders
- Evaluating the noise wall design to modify the height that is required to meet WSDOT commitments to the communities, this work is currently been tracked for payment as time and material to paid via a change order and separate change orders for the construction of these walls
- Ongoing utility work at the 84th Ave. NE Lid, 92nd Ave NE Lid, NE Points Drive Area and Bellevue Way areas
- Planning for 6/1-6/4 SR 520 -Weekend closure Work
- At Evergreen Point Road Lid: west portion pier 1 -final backfill and prep grade for crane pad, demo existing abutment; pier 3 - final backfill and prep grade for crane pad; pier 4 - continue to backfill, remove PGA's and whalers, and prep grade for crane pad between piers 3 and 4; CIP deck - strip decks and pier diaphragms closures, set forms and pour concrete for parking lot curbs and lid edge railings
- At Fairweather Bay: Wall 3-28 - install drainage behind the wall, continue installing soldier piles without PGA and excavate face
- At 84th Ave NE Lid: Pedestrian tunnel - set forms and tie rebar for the east headwall, survey top of the east headwall and pour concrete; Wall ECC-04, continue setting forms and pour concrete for wall 2, 5 & 6 ; wall ECC-05 - Excavate for the wall; Pier 1 and 3 - form upper diaphragm and concrete pour 2; CIP deck - forms soffits for deck pour 3 of span 2

- At 92nd Ave NE: Wall 4B-02 - face lift 3; drill and shotcrete lift 3; demo existing 92nd bridge to start work on the east lid piers; CIP Deck - form west lid edge railing and curbs; Retaining Wall ECC-12 - continue setting forms and pour concrete for ECC12A; EB on-ramp - grade for barrier and install precast traffic barrier; Retaining Wall 4B-07 - shoring and shotcrete part 2, tie and set rebar curtains and set forms and pour concrete start walls
- Bellevue Way NE Bridge: Wall 4B-76 - remove preload; CIP deck - strip overhangs and the rests of the tub bay; Bellevue Way ped tunnel - continue install lighting conduit, tie rebar, set forms and pour concrete lower walls, continue to install conduits in the barrier; Wall 4B-50 - continue monitoring settlement
- NE Points Drive and 108th area: install waterline at NE Points, relocate waterline for Wall 4B-17 and 4B-18; Clearing for Wall 4B-17; continue excavation at 108th off ramp

**Planned for Next Three Months**

- Planning for July 2012 SR 520 -Weekend closure Work
  - Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th areas
  - Securing needed right of way
- [<Construction Look-Ahead Link>](#)  
[<Design Submittal - Link>](#)

**CHANGE MANAGEMENT**

**Change Order Status**

- Ongoing discussions with ECC related to noise walls changes
- WSDOT will be developing the design for relocating of the Points Loop Connector and the Medina Circle that will be constructed by ECC by change orders
- Coordinating with the City of Bellevue storm sewer siphon line

**IMAGES**



Wall 3-28 Soldier Pile Section at Fairweather Bay  
(facing west)



Bellevue Way Bridge Barrier  
(facing north)

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Bob Dyer  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 6/1/2012  
 Project: 7963/U52021A  
 Project Budget: \$318M  
 Project Cost to Date: \$122M

### SUMMARY NARRATIVE

#### This Week

- Ongoing Roadway, Structure, Hydraulic, Utilities, Landscape-Design, MOT Package and RFCs, as-builts, NDCs and FDCs submittals
- The Design team is evaluating the noise wall design to modify the height required to meet WSDOT commitments to communities, this work is currently being tracked for payment as time and material pending executing a change order, three NTP to construct noise walls evaluated and released in NDCs
- Ongoing fabrication of fish passage culverts, concrete barriers, noise wall barriers and pre-stressed concrete girders
- Ongoing utility work at the Evergreen Point Road Lid, 84th Ave NE and 92nd Ave NE I/C lids, NE Points Drive and Bellevue Way/108th Ave NE areas
- Planning for 6/1-6/4 SR 520 -Weekend closure Work
- At Evergreen Point Road: west portion pier 1 -final backfill and prep grade for crane pad, demo existing abutment; pier 3 -final backfill and prep grade for crane pad; pier 4 - continue to backfill, remove PGA's and whalers, and prep grade for crane pad between piers 3 and 4; CIP deck - strip decks and pier diaphragms closures, set forms, set stage 2 girders, and install walk deck piers 1 and 4.
- At Fairweather Bay: Wall 3-28 - install drainage behind the wall, continue installing soldier piles without PGA and excavate face and install lagging
- At 84th Ave NE Lid: pedestrian tunnel - set forms and tie rebar for the east headwall, survey top of the east and west headwall and pour concrete; Wall ECC-04, continue setting forms and pour concrete for wall 2, 3 & 5 ; wall ECC-05 - Excavate for the wall; Pier 1 and 3 - form upper diaphragm and concrete pour 2; CIP deck - install rebar and deck pour 2
- At 92nd Ave NE Lid: Wall 4B-01 - demob formwork,; 4B-02 - face lift 3; drill and shotcrete lift 3; excavate east portion near abutments for upcoming demo existing of 92nd bridge to start work on the east lid piers; CIP Deck - form west lid edge railing and curbs; Retaining Wall ECC-12 - continue setting forms and pour concrete for ECC12A; EB on-ramp - install ITS/power conduits and cabinet pads; Retaining Wall 4B-07 - shoring and shotcrete part 2, tie and set rebar curtains and set forms and pour concrete start walls
- Bellevue Way NE Bridge and 108th: CIP deck - strip overhangs and the rests of the tub bay; Bellevue Way ped tunnel - continue install lighting conduit, tie rebar, set forms and pour concrete lower walls; Wall 4B-31 - continue building and backfilling for the wall near Kinder Care; Wall 4B-50 - continue monitoring settlement; Pond E4 - drainage work
- NE Points Drive Area: excavate for Wall 4B-19; install waterline at NE Points, relocate waterline for Wall 4B-17 and 4B-18; Clearing for Wall 4B-17; continue excavation at 108th off ramp; clearing for Culvert E
- To date, there are 121 NCIs issued by WSDOT QV, 81 of which are resolved. There was a rise in NCI's related to the Design-Builder's Quality processes, work plans and construction activity. There are 136 NCRs issued by the Design-Builder QA, 95 of which are resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- Press release and WSDOT email update regarding 5/30 overnight closure of westbound SR 520 and the June 1-4 weekend full closure
- ECC provided notices to neighbors regarding upcoming full closure and noisy activities
- ECC flier to Evergreen and 92nd neighbors regarding planned noisy demolition activities during 6/1-4 weekend closure

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	37	0	37
<b>Minor Environmental Event</b>	98	0	98

#### Event/Mitigation:

- No new ECAPs or other events for the week

## RISKS

Top 4 Risks	Potential Dollar Value	Potential Schedule Impact
1 Redesign of Fairweather Bay Basin to match Shoreline permit Exhibits (schedule delay)	\$4.5M-\$9M	1-3 Months
2 Noise Wall change orders	\$1.2M - \$16.5M	TBD
3 Geotech issues	\$10-17M	TBD
4 Evergreen Point Lid Under Deck Illumination	\$840K	No

### Mitigation Activities

- 1 WSDOT received ECC's letter request for equitable adjustment for Fairweather Bay Scope Increases and associated schedule impacts, WSDOT is evaluating the chronological events of these changes and it is impact to the schedule and assess entitlement
- 2 WSDOT and ECC negotiated the first two noise wall change orders, one for establishing the baseline to adjust noise walls to comply with the EA, and the other change order to build the noise wall at the top the westbound off ramp to 92nd Ave. WSDOT will be processing a change order to pay for the design effort to redesign the noise wall heights between EPR and 92nd Ave I/C, that will be followed by other change orders to construct the RFC revised walls.
- 3 Ongoing discussions between WSDOT and ECC regarding the Geotech design of walls in the vicinity of Bellevue Way I/C. including lateral spreading design, Qppl and global stability and land slide area at Bellevue Way I/C. the discussion includes using the LRFD 2012 guidelines. ECC submitted a letter of notifying WSDOT with additional cost in excess of \$17m and potential schedule delay (that will be evaluated to determine entitlement)
- 4 WSDOT and ECC negotiated the equitable adjustment for the design and construction of the illumination system needed by this change order

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	1/0	1/0	2/0
<b>Contract Days without an Incident</b>			<b>456/210</b>

WSDOT had one slipping accident that resulted in a sprained MCL. Lost time was 2 days.

## SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	12/20/2013**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	9/17/2013**

\*Contract Milestones

\*\*According to the Draft Monthly Progress Working Schedule for April 2012

Mitigation: WSDOT and ECC are collaborating to identify solutions to bring the Evergreen Point Area Work milestone back on schedule. The schedule update shows potential delay for meeting the Contract's milestones at Evergreen Point Road (ECC is evaluating options) and will be coordinating with the FB&L Project through WSDOT

## FORECAST

### Planned for Next Week

- Ongoing fabricating of Fish Passage Culverts D-G and noise wall barriers, and concrete girders
- Evaluating the noise wall design to modify the height that is required to meet WSDOT commitments to the communities, this work is currently been tracked for payment as time and material to paid via a change order and separate change orders for the construction of these walls
- Ongoing utility work at the 84th Ave. NE Lid, 92nd Ave NE Lid, NE Points Drive Area and Bellevue Way areas
- 6/1-6/4 SR 520 -Weekend closure to install 34 girders for the west portion of Evergreen Point Lid, Demolish old 92nd Ave NE
- At Evergreen Point Road Lid: west portion lid - set intermediate diaphragms, set forms and pour lower diaphragm at pier 1; CIP deck - set forms for parking lot curb and set forms and pour concrete for lid edge railings
- At Fairweather Bay: Wall 3-28 - install drainage behind the wall, continue installing soldier piles with PGA and excavate face and install lagging
- At 84th Ave NE Lid: Pedestrian tunnel - waterproofing, continue set forms and tie rebar for the east and west headwalls and pour concrete; Wall ECC-04, continue setting forms and pour concrete for wall 1 ; wall ECC-05 - fine grade, set forms and tie rebar for footing; Pier 1 and 3 - form upper diaphragm and concrete pour 3; CIP deck- install rebar and deck pour 2

- At 92nd Ave NE: excavate and install head wall for Culvert B; Wall 4B-02 - bulk out, build bench, face lift and shotcrete lift 4; Pier 1 - drill shafts and install soldier piles, excavate and install lagging for lift 1; Pier 3 - set forms for Portal Column stage 2; Retaining Wall ECC-12 - continue setting forms and pour concrete for ECC12A; EB on-ramp - install CSBC Barrier Finish KX Line, set forms and tie rebar for light foundation footings; Retaining Wall 4B-07 - set forms and pour concrete for starter wall pours and fascia
- Bellevue Way NE Bridge: Bellevue Way ped tunnel - continue install lighting conduit, tie rebar, set forms and pour concrete for walls and deck; demo wall 4B-50
- NE Points Drive and 108th area: install waterline at NE Points, relocate waterline for Wall 4B-17 and 4B-18; Clearing for Wall 4B-17; continue excavation at 108th off ramp; Wall 4B-19 - continue to excavate; Culvert E - install preload

**Planned for Next Three Months**

- Planning for July 2012 SR 520 -Weekend closure Work
  - Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th areas
  - Securing needed right of way
- [<Construction Look-Ahead Link>](#)  
[<Design Submittal - Link>](#)

**CHANGE MANAGEMENT**

**Change Order Status**

- Ongoing discussions with ECC related to noise walls changes
- WSDOT will be developing the design for relocating of the Points Loop Connector and the Medina Circle that will be constructed by ECC by change orders
- Coordinating with the City of Bellevue storm sewer siphon line
- Coordinating with FBL for keeping the temporary construction access from EPR to SR 520 as part of the FBL MOT plan

**IMAGES**



Wall 3-28 Soldier Pile Section at Fairweather Bay  
(facing east)



Excavation work behind the southern abutment wall at 92nd Ave  
(facing west)

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Bob Dyer  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 6/8/2012  
 Project: 7963/U52021A  
 Project Budget: \$318M  
 Project Cost to Date: \$122M

### SUMMARY NARRATIVE

#### This Week

- Ongoing Roadway, Structure, Hydraulic, Utilities, Landscape-Design, MOT Package and RFCs, as-builts, NDCs and FDCs submittals
- The Design team is evaluating the noise wall design to modify the height required to meet WSDOT commitments to communities, this work is currently being tracked for payment as time and material pending executing a change order, three NTP to construct noise walls evaluated and released in NDCs
- Ongoing fabrication of fish passage culverts, concrete barriers, noise wall barriers and pre-stressed concrete girders
- Ongoing utility work at the Evergreen Point Road Lid, 84th Ave NE and 92nd Ave NE I/C lids, NE Points Drive and Bellevue Way/108th Ave NE areas
- SR 520 full weekend closure ( 6/1-4) installed 34 girders for the west portion of Evergreen Point Lid, Demolish old 92nd Ave NE Bridge
- At Evergreen Point Road: west portion lid - set intermediate diaphragms, set forms and pour lower diaphragm at pier 1; CIP deck - set forms for parking lot curb and set forms and pour concrete for lid edge railings
- At Fairweather Bay: Wall 3-28 - install drainage behind the wall, continue installing soldier piles with PGA and excavate face and install lagging
- At 84th Ave NE Lid: Pedestrian tunnel - waterproofing; Wall ECC-04, continue setting forms and pour concrete for walls 2 and 8; wall ECC-05 - excavate, fine grade, set forms, tie rebar and pour concrete for footing; Pier 3 west - install west end bagwall and perform repairs; Pier 1 and 3 - form upper diaphragm and concrete pour 3; CIP deck- install rebar and deck pour 2; SIP deck - install electrical deck inserts and electrical conduits on top of girders
- At 92nd Ave NE Lid: Wall 4B-01 - excavate and install head wall for Culvert B; Wall 4B-02 - bulk out, build bench, face lift and shotcrete lift 4; Pier 1 - drill shafts and install soldier piles, excavate and install lagging for lift 1; Pier 3 - set forms for Portal Column stage 2; Retaining Wall ECC-12 - continue setting forms and pour concrete for ECC12A; Wall ECC-13 and ECC-08 - bench/facing excavation
- Bellevue Way NE Bridge and 108th: Bellevue Way ped tunnel - continue install lighting conduit, tie rebar, set forms and pour concrete for walls and deck; Pier 3 - form and pour concrete portal columns; demo wall 4B-50;
- NE Points Drive Area: install waterline at NE Points, relocate waterline for Wall 4B-17 and 4B-18; Clearing for Wall 4B-17; continue excavation at 108th off ramp; Wall 4B-19 - continue to excavate; Culvert E - install preload
- To date, there are 122 NCI's issued by WSDOT QV, 90 of which are resolved. There was a rise in NCI's related to the Design-Builder's Quality processes, work plans and construction activity. There are 140 NCRs issued by the Design-Builder QA, 90 of which are resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- Provided TV, radio and print media for June 1-4 weekend closure
- ECC responded to a noise complaints from the June 1-4 weekend closure work at 92nd.

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	37	1	38
<b>Minor Environmental Event</b>	98	0	98

#### Event/Mitigation:

- A minor exceedence of water quality standards occurred while re-watering Yarrow Creek after completing installation of a long-term stream diversion.

## RISKS

Top 3 Risks	Potential Dollar Value	Potential Schedule Impact
1 Redesign of Fairweather Bay Basin to match Shoreline permit Exhibits (schedule delay)	\$4.5M-\$9M	1-3 Months
2 Noise Wall change orders	\$1.2M - \$16.5M	TBD
3 Geotech issues	\$10-17M	TBD

### Mitigation Activities

- 1 WSDOT received ECC's letter request for equitable adjustment for Fairweather Bay Scope Increases and associated schedule impacts, WSDOT is evaluating the chronological events of these changes and it is impact to the schedule and assess entitlement
- 2 WSDOT and ECC negotiated the first two noise wall change orders, one for establishing the baseline to adjust noise walls to comply with the EA, and the other change order to build the noise wall at the top the westbound off ramp to 92nd Ave. WSDOT will be processing a change order to pay for the design effort to redesign the noise wall heights between EPR and 92nd Ave I/C, that will be followed by other change orders to construct the RFC revised walls.
- 3 Ongoing discussions between WSDOT and ECC regarding the Geotech design of walls in the vicinity of Bellevue Way I/C. including lateral spreading design, Qppl and global stability and land slide area at Bellevue Way I/C. the discussion includes using the LRFD 2012 guidelines. ECC submitted a letter of notifying WSDOT with additional cost in excess of \$17m and potential schedule delay (that will be evaluated to determine entitlement)

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	1/0	0/0	2/0
<b>Contract Days without an Incident</b>			<b>456/210</b>

## SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	12/20/2013**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	10/8/2013**

\*Contract Milestones

\*\*According to the final Monthly Progress Working Schedule for April 2012

Mitigation: WSDOT and ECC are collaborating to identify solutions to bring the Evergreen Point Area Work milestone back on schedule. The schedule update shows potential delay for meeting the Contract's milestones at Evergreen Point Road (ECC is evaluating options) and will be coordinating with the FB&L Project through WSDOT

## FORECAST

### Planned for Next Week

- Ongoing fabricating of Fish Passage Culverts D-G and noise wall barriers, and concrete girders
- Evaluating the noise wall design to modify the height that is required to meet WSDOT commitments to the communities, this work is currently been tracked for payment as time and material to paid via a change order and separate change orders for the construction of these walls
- Ongoing utility work at the 84th Ave. NE Lid, 92nd Ave NE Lid, NE Points Drive Area and Bellevue Way areas
- At Evergreen Point Road Lid: continue to set intermediate diaphragms; pier 4, form and pour lower diaphragms, CIP Deck - Pour concrete for parking lot curb and continue to set forms for lid edge railings
- At Fairweather Bay: continue to install PGAs, excavate face and install lagging, weld studs and ties to piles and performance and proof tests; excavate wall 3-30 from shoring plan; demob fair-weather Chitosan system
- At 84th Ave NE Lid: pedestrian tunnel - set forms, tie rebar and pour concrete for west head wall ECC-04 stage 1 and 2; Wall ECC-05 - set forms, tie rebar and pour concrete for walls 1 and 2; Pier 1 - set forms for upper end diaphragms; Pier 3, set forms for upper end diaphragms; CIP Deck - deck pour #3; install headwall for Culvert B, and install 1/2 Culvert B Chitosan system
- At 92nd Ave NE: East Portion of the Lid Pier 1 - install PGAs and Wales, stress PGAs for Lift 1, excavate and install lagging for lift 2; East portion of f the Lid Pier 3 - begin excavation; West portion of the lid Pier 3 - Set forms for Portal Colum Stage 2; CIP Deck - set forms and pour west lid edge railings and curbs; Wall ECC-12 - set forms and pour concrete for fascia and noise panels; EB On-Ramp - grade EB on ramp and tie into SR520, Pave HMA on-ramp to SR520, install ITS/power conduit and cabinet pads, install barrier mount light pole, and install precast traffic barrier

- Bellevue Way NE Bridge: pedestrian tunnel - set forms and pour concrete head wall; CIP Deck - haul forms to yard, and strip over hangs and the rest of the tub bay; Wall 4-50 - build stage 2
- NE Points Drive and 108th area: 108th Ave NE - continue to install service on new pad, install its components, continue excavation at 108th off ramp, NE Points Drive - prep for water line tie-in, water shutdown, install water line

**Planned for Next Three Months**

- Planning for July 2012 SR 520 -Weekend closure Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th areas
- Securing needed right of way

[<Construction Look-Ahead Link>](#)

[<Design Submittal - Link>](#)

**CHANGE MANAGEMENT**

**Change Order Status**

- Ongoing discussions with ECC related to noise walls changes, and Geotechnical design assumptions
- WSDOT will be developing the design for relocating of the Points Loop Connector and the Medina Circle that will be constructed by ECC by change orders
- Coordinating with the City of Bellevue storm sewer siphon line
- Coordinating with FBL for keeping the temporary construction access from EPR to SR 520 as part of the FBL MOT plan

**IMAGES**



Installation of Evergreen Girders during June 1-4 SR520 Full Roadway Weekend Closure (facing east)



Demolition of existing 92nd Ave NE Bridge (facing southwest)

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Bob Dyer  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 6/8/2012  
 Project: 7963/U52021A  
 Project Budget: \$318M  
 Project Cost to Date: \$132M

### SUMMARY NARRATIVE

#### This Week

- Ongoing Roadway, Structure, Hydraulic, Utilities, Landscape-Design, MOT Package and RFCs, as-builts, NDCs and FDCs submittals
- The Design team is evaluating the noise wall design to modify the height required to meet WSDOT commitments to communities, this work is currently being tracked for payment as time and material pending executing a change order, three NTP to construct noise walls evaluated and released in NDCs
- Ongoing fabrication of fish passage culverts, concrete barriers, noise wall barriers and pre-stressed concrete girders
- Ongoing utility work at the Evergreen Point Road Lid, 84th Ave NE and 92nd Ave NE I/C lids, NE Points Drive and Bellevue Way/108th Ave NE areas
- At Evergreen Point Road: continue to set intermediate diaphragms, CIP Deck - Pour concrete for parking lot curb and continue to set forms for lid edge railings
- At Fairweather Bay: continue to install PGAs, excavate face and install lagging, excavate wall 3-30 and shoring plan; demob fair-weather Chitosan system
- At 84th Ave NE Lid: pedestrian tunnel - waterproofing, set forms, tie rebar and pour concrete for west head wall ECC-04 stage 1 and 2; Wall ECC-05 - set forms, tie rebar and pour concrete for footing 1 and 2; Piers 1 and 3- set forms for upper end diaphragms; CIP Deck - deck pour #3; install headwall for Culvert B, and install 1/2 Culvert B Chitosan system
- At 92nd Ave NE Lid: east portion of the Lid Pier 1 - install PGAs and wales, east portion of the Lid Pier 3 - begin excavation; west portion of the lid Pier 3 - Set forms for Portal Colum Stage 2; CIP Deck - set forms and pour west lid edge railings and curbs; Wall ECC-12 - set forms and pour concrete for fascia and noise panels; EB On-Ramp - grade for barrier/rat slab, form and pour rat slab; Wall 4B-07 - tie and set rebar curtains, set forms and pour concrete for start wall pours, fascia and noise walls.
- Bellevue Way NE Bridge and 108th: pedestrian tunnel - set forms and pour concrete for walls and deck; CIP Deck - haul forms to yard, and strip over hangs and the rest of the tub bay; demo Wall 4-50 and build stage 2
- NE Points Drive and 108th area: 108th Ave NE - prep for water line tie-in, water shutdown, install water line
- To date, there are 122 NCIs issued by WSDOT QV, 90 of which are resolved. There was a rise in NCI's related to the Design-Builder's Quality processes, work plans and construction activity. There are 143 NCRs issued by the Design-Builder QA, 90 of which are resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- Julie Meredith sent a letter to Yarrow Point responding to request for a stop sign at 92nd roundabout: a stop sign would be unsafe.
- ECC noise exemption discussed at Yarrow Point Town Council meeting. No decision. Next meeting 6/18.

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	38	0	38
<b>Minor Environmental Event</b>	98	0	98

#### Event/Mitigation:

- No new ECAPs or other events for the week

## RISKS

Top 3 Risks	Potential Dollar Value	Potential Schedule Impact
1 Redesign of Fairweather Bay Basin to match Shoreline permit Exhibits (schedule delay)	\$4.5M-\$9M	1-3 Months
2 Noise Wall change orders	\$1.2M - \$16.5M	TBD
3 Geotech issues	\$10-17M	TBD

### Mitigation Activities

- 1 WSDOT received ECC's letter request for equitable adjustment for Fairweather Bay Scope Increases and associated schedule impacts, WSDOT is evaluating the chronological events of these changes and its impact to the schedule and assess entitlement
- 2 WSDOT and ECC negotiated the first two noise wall change orders, one for establishing the baseline to adjust noise walls to comply with the EA, and the other change order to build the noise wall at the top the westbound off ramp to 92nd Ave. WSDOT will be processing a change order to pay for the design effort to redesign the noise wall heights between EPR and 92nd Ave I/C, that will be followed by other change orders to construct the RFC revised walls.
- 3 Ongoing discussions between WSDOT and ECC regarding the Geotech design of walls in the vicinity of Bellevue Way I/C, including lateral spreading design, Qppl and global stability and land slide area. The discussion includes using the LRFD 2012 guidelines. ECC submitted letters of notifying WSDOT with additional cost in excess of \$17m and potential schedule delay (that will be evaluated to determine entitlement)

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	1/0	0/0	2/0
<b>Contract Days without an Incident</b>			<b>456/210</b>

## SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	12/20/2013**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	10/8/2013**

\*Contract Milestones

\*\*According to the final Monthly Progress Working Schedule for April 2012

Mitigation: WSDOT and ECC are collaborating to identify solutions to bring the Evergreen Point Area Work milestone back on schedule. The schedule update shows potential delay for meeting the Contract's milestones at Evergreen Point Road (ECC is evaluating options) and will be coordinating with the FB&L Project through WSDOT

## FORECAST

### Planned for Next Week

- Ongoing fabricating of Fish Passage Culverts D-G and noise wall barriers, and concrete girders
- Evaluating the noise wall design to modify the height that is required to meet WSDOT commitments to the communities, this work is currently been tracked for payment as time and material to paid via a change order and separate change orders for the construction of these walls, as the design finalized and to be released for construction
- Ongoing utility work at the 84th Ave. NE Lid, 92nd Ave NE Lid, NE Points Drive Area and Bellevue Way areas
- At Evergreen Point Road Lid: continue to set intermediate diaphragms; pier 3 and 4 - form and pour lower diaphragms, CIP Deck - continue to set forms and pour concrete for lid edge railings; Wall 3-14 - set forms for CS1 foundation
- At Fairweather Bay: Wall 3-28 - continue to install PGAs, excavate face and install lagging, performance and proof tests, install soldier pile fascia; continue demob of Fairweather chitosan system
- At 84th Ave NE Lid: pedestrian tunnel - set forms, tie rebar and pour concrete for west head wall and top head wall for ECC-04 stage 2; Wall ECC-05 - set forms, tie rebar and pour concrete for walls 1 and 2; Piers 1, 2 and 3 - set forms and pour concrete for upper diaphragms; CIP Deck - deck pour #2 over piers; 84th Lid Roadway - grade approaches, place/finish CSBC, pave approaches, place and install barriers and fence, stripe roadway, relocate signs and switch traffic to the new lid section

- At 92nd Ave NE: Wall 4B-02, set forms and pour rat slab; east portion of the lid pier 1 - stress PGAs for Lift 1 and excavate and install lagging for lift 2; east portion of f the lid pier 3 - tie rebars and set forms for footing; west portion of the lid pier 3 - set forms for portal column stage 2; CIP Deck - set forms and pour lid edge railings and curbs; Wall ECC-12 - continue to set forms and pour concrete for fascia and noise panels; Noise Wall 7B - build access into Wall 7B, fine grade noise wall; EB On-Ramp - continue to install ITS/power conduit and cabinet pads, install barrier mount light pole, and install precast traffic barrier; Wall 4B-07 - continue to set forms and pour fascia and noise walls
- Bellevue Way NE Bridge: Wall 4B-76 - excavate for wall and fine grade for footing; pedestrian tunnel -strip soffits; Wall 4-50 - build stage 2
- NE Points Drive and 108th area: 108th Ave NE - grade westbound on ramp; NE Points Drive - prep for temp power relocation around Culvert E and G

**Planned for Next Three Months**

- Planning for July 2012 SR 520 -Weekend closure Work
  - Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th areas
  - Securing needed right of way
- [<Construction Look-Ahead Link>](#)  
[<Design Submittal - Link>](#)

**CHANGE MANAGEMENT**

**Change Order Status**

- Ongoing discussions with ECC related to noise walls changes, and Geotechnical design assumptions
- WSDOT will be developing the design for relocating of the Points Loop Connector and the Medina Circle that will be constructed by ECC by change orders
- Coordinating with the City of Bellevue storm sewer siphon line
- Coordinating with FBL for keeping the temporary construction access from EPR to SR 520 as part of the FBL MOT plan

**IMAGES**



Excavation for Pier 3 at 92nd Ave NE (facing east)



Pier 1 end diaphragms at Evergreen Point Road Lid (facing west)

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Bob Dyer  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 6/21/2012  
 Project: 7963/U52021A  
 Project Budget: \$318M  
 Project Cost to Date: \$143M

### SUMMARY NARRATIVE

#### This Week

- Ongoing Roadway, Structure, Hydraulic, Utilities, Landscape-Design, MOT Package and RFCs, as-builts, NDCs and FDCs submittals
- The Design team is evaluating the noise wall design to modify the height required to meet WSDOT commitments to communities, this work is currently being tracked for payment as time and material pending executing a change order, three NTP to construct noise walls evaluated and released in NDCs
- Ongoing fabrication of fish passage culverts, concrete barriers, noise wall barriers and pre-stressed concrete girders
- Ongoing utility work at the Evergreen Point Road Lid, 84th Ave NE and 92nd Ave NE I/C lids, NE Points Drive and Bellevue Way/108th Ave NE areas
- At Evergreen Point Road: continue to set intermediate diaphragms; pier 3 and 4 - form and pour lower diaphragms, CIP Deck - continue to set forms and pour concrete #4 soffits ; Wall 3-14 - set forms for CS1 foundation
- At Fairweather Bay: Wall 3-28 - continue to install PGAs, excavate face and install lagging, performance and proof tests, begin installing soldier pile fascia; continue demob of Fairweather chitosan system
- At 84th Ave NE Lid: pedestrian tunnel - set forms, tie rebar and pour concrete for west head wall and top head wall for ECC-04 stage 2; Wall ECC-05 - set forms, tie rebar and pour concrete for walls 1 and 2; Piers 1, 2 and 3 - set forms and pour concrete for upper diaphragms; CIP Deck - deck pour #2 over piers; 84th Lid Roadway - grade approaches, place/finish CSBC, pave approaches, place and install barriers and fence, stripe roadway, relocate signs and planning to switch traffic to the new lid section
- At 92nd Ave NE Lid: Wall 4B-02, set forms and pour rat slab; east portion of the lid pier 1 - excavate lift 1 and demo wall; east portion of the lid pier 3 - tie rebars and set forms for footing; Wall ECC-12 - continue to set forms and pour concrete for fascia and noise panels; Noise Wall 7B - build access into Wall 7B, fine grade noise wall; EB On-Ramp - grade eastbound tie to SR520, rough-in light pole bases; EB On-Ramp traffic barrier - install precast traffic barrier, set forms, tie rebar and pour concrete for light foundation footings; Wall 4B-07 - continue to set forms and pour fascia and noise walls.
- Bellevue Way NE Bridge: Wall 4B-76 - excavate for wall and grade for footing; pedestrian tunnel -strip soffits; Wall 4-50 - build stage 2; Pier 3 - strip upper portal column; Bellevue Way Ped Tunnel - set forms and pour concrete for head wall, strip soffits for walls, and waterproof foundation
- NE Points Drive and 108th area: 108th Ave NE - grade westbound on ramp; NE Points Drive - prep for temp power relocation around Culvert E and G
- To date, there are 126 NCIs issued by WSDOT QV, 92 of which are resolved. There was a rise in NCI's related to the Design-Builder's Quality processes, work plans and construction activity. There are 145 NCRs issued by the Design-Builder QA, 90 of which are resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- 6/18: Yarrow Point granted extension of ECC noise waiver until 12/31/12, with conditions.

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	38	0	38
<b>Minor Environmental Event</b>	98	0	98

#### Event/Mitigation:

- No new ECAPs or other events for the week

## RISKS

Top 3 Risks	Potential Dollar Value	Potential Schedule Impact
1 Redesign of Fairweather Bay Basin to match Shoreline permit Exhibits (schedule delay)	\$4.5M-\$9M	1-3 Months
2 Noise Wall change orders	\$1.2M - \$16.5M	TBD
3 Geotech issues	\$10-17M	TBD

### Mitigation Activities

- 1 WSDOT received ECC's letter request for equitable adjustment for Fairweather Bay Scope Increases and associated schedule impacts, WSDOT is evaluating the chronological events of these changes and its impact to the schedule and assess entitlement
- 2 WSDOT and ECC negotiated the first two noise wall change orders, one for establishing the baseline to adjust noise walls to comply with the EA, and the other change order to build the noise wall at the top the westbound off ramp to 92nd Ave. WSDOT will be processing a change order to pay for the design effort to redesign the noise wall heights between EPR and 92nd Ave I/C, that will be followed by other change orders to construct the RFC revised walls.
- 3 Ongoing discussions between WSDOT and ECC regarding the Geotech design of walls in the vicinity of Bellevue Way I/C, including lateral spreading design, Qppl and global stability and land slide area. The discussion includes using the LRF 2012 guidelines. ECC submitted letters of notifying WSDOT with additional cost in excess of \$17m and potential schedule delay (that will be evaluated to determine entitlement)

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	1/0	0/0	2/0
<b>Contract Days without an Incident</b>			<b>456/210</b>

## SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	12/20/2013**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	10/8/2013**

\*Contract Milestones

\*\*According to the final Monthly Progress Working Schedule for April 2012

Mitigation: WSDOT and ECC are collaborating to identify solutions to bring the Evergreen Point Area Work milestone back on schedule. The schedule update shows potential delay for meeting the Contract's milestones at Evergreen Point Road (ECC is evaluating options) and will be coordinating with the FB&L Project through WSDOT

## FORECAST

### Planned for Next Week

- Ongoing fabricating of Fish Passage Culverts D-G and noise wall barriers, and concrete girders
- Evaluating the noise wall design to modify the height that is required to meet WSDOT commitments to the communities, this work is currently been tracked for payment as time and material to paid via a change order and separate change orders for the construction of these walls, as the design finalized and to be released for construction
- Ongoing utility work at the 84th Ave. NE Lid, 92nd Ave NE Lid, NE Points Drive Area and Bellevue Way areas
- At Evergreen Point Road Lid: continue to set intermediate diaphragms; pier 3 - form and pour lower diaphragms, CIP Deck - continue to set forms and pour concrete for #4 soffits; Wall 3-14 - set forms for CS1 foundation, excavate and pour for level pad
- At Fairweather Bay: Wall 3-28 - continue performance and proof tests, install soldier pile fascia
- At 84th Ave NE Lid: ECC-05 - set forms, tie rebar and pour concrete for walls 3, 4, and 5; Piers 1, 2 and 3 - pour concrete for upper diaphragms; CIP Deck - deck pour #3 & 4 over piers;
- At 92nd Ave NE: Wall 4B-02, move forms from ECC-12, tie and set rebar curtains, set forms and pour concrete fascia wall; east portion of the lid pier 1 - excavate and install lagging for lift 1; east portion of the lid pier 3 - tie rebars and set forms for footing and wall; Noise Wall 7B - drill shafts, tie rebar and pour shafts; EB On-Ramp - resume install ITS/power conduit and cabinet pads; EB on-ramp traffic barrier - continue to set forms, tie rebar and pour concrete for light foundation footings and barriers; Wall 4B-07 - continue to set forms and pour fascia and noise walls
- Bellevue Way NE Bridge: Wall 4B-76 - construct wall and drainage; pedestrian tunnel - strip soffits and continue waterproofing foundation, backfill; Wall 4-50 - continue building stage 2

- NE Points Drive and 108th area: 108th Ave NE - grade westbound on ramp, place/finish CSBC, Ramp Tie-in work; Pier 3 Drilled Shafts - fabricate cages

**Planned for Next Three Months**

- Planning for July 2012 SR 520 -Weekend closure Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th areas
- Securing needed right of way

[<Construction Look-Ahead Link>](#)

[<Design Submittal - Link>](#)

## CHANGE MANAGEMENT

### Change Order Status

- Ongoing discussions with ECC related to noise walls changes, and Geotechnical design assumptions
- WSDOT will be developing the design for relocating of the Points Loop Connector and the Medina Circle that will be constructed by ECC by change orders
- Coordinating with the City of Bellevue storm sewer siphon line
- Coordinating with FBL for keeping the temporary construction access from EPR to SR 520 as part of the FBL MOT plan

## IMAGES



Excavation for Pier 1 at 92nd Ave NE (facing southwest)



Installing Precast Barrier for new 92nd on-ramp (facing south)

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Bob Dyer  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 6/28/2012  
 Project: 7963/U52021A  
 Project Budget: \$318M  
 Project Cost to Date: \$143M

### SUMMARY NARRATIVE

#### This Week

- Ongoing Roadway, Structure, Hydraulic, Utilities, Landscape-Design, MOT Package and RFCs, as-builts, NDCs and FDCs submittals
- The Design team is evaluating the noise wall design to modify the height required to meet WSDOT commitments to communities, this work is currently being tracked for payment as time and material pending executing a change order, three NTP to construct noise walls evaluated and released in NDCs
- Ongoing fabrication of fish passage culverts, concrete barriers, noise wall barriers and pre-stressed concrete girders
- Ongoing utility work at the Evergreen Point Road Lid, 84th Ave NE and 92nd Ave NE I/C lids, NE Points Drive and Bellevue Way/108th Ave NE areas
- At Evergreen Point Road: continue to set intermediate diaphragms; pier 3 - form and pour lower diaphragms, CIP Deck - continue to set forms and pour concrete for #4 soffits; Wall 3-14 - set forms for CS1 foundation, excavate and pour for level pad
- At Fairweather Bay: Wall 3-28 - continue performance and proof tests, install soldier pile fascia
- At 84th Ave NE Lid: ECC-05 - set forms, tie rebar and pour concrete for walls 2, 4, and 5; Piers 1, 2 and 3 - pour concrete for upper diaphragms; CIP Deck - deck pour #3 & 4 over piers; set SIP Panels pour #4; excavate pier 1 and 3 to existing footing grade for demolition of existing 84th Ave NE Bridge
- At 92nd Ave NE Lid: Wall 4B-02, form and pour concrete for rat slab, move forms from ECC-12, tie and set rebar curtains, set forms and pour concrete fascia wall; east portion of the lid pier 1 - excavate and install lagging for lift 1; east portion of the lid pier 3 - tie rebars and set forms for footing and wall; EB On-Ramp - continue grading ramp tie into SR520, resume install ITS/power conduit and cabinet pads; EB on-ramp traffic barrier - continue to set forms, tie rebar and pour concrete for light foundation footings and barriers; Wall 4B-07 - continue to set forms and pour fascia and noise walls
- Bellevue Way NE Bridge: Wall 4B-76 - excavate, grade for footing, and begin constructing leveling pad; pedestrian tunnel -strip soffits and continue waterproofing foundation, backfill; Wall 4-50 - continue building stage 2
- NE Points Drive and 108th area: 108th Ave NE - grade westbound on ramp, place/finish CSBC, ramp tie-in work; Pier 3 drilled shafts - fabricate cages
- To date, there are 128 NCIs issued by WSDOT QV, 92 of which are resolved. There was a rise in NCI's related to the Design-Builder's Quality processes, work plans and construction activity. There are 147 NCRs issued by the Design-Builder QA, 110 of which are resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- Fairweather Basin inverse condemnation trial began
- Response from Julie Meredith to State Sen. Tom regarding covering of contractor dump truck loads
- WSDOT electronic invitation sent to corridor email list regarding 7/14 public construction site tour
- ECC quarterly newsletter mailed to 2,700 residents along the corridor; includes tour information.

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	38	0	38
<b>Minor Environmental Event</b>	98	0	98

#### Event/Mitigation:

- No new ECAPs or other events for the week

## RISKS

Top 3 Risks	Potential Dollar Value	Potential Schedule Impact
1 Redesign of Fairweather Bay Basin to match Shoreline permit Exhibits (schedule delay)	\$4.5M-\$9M	1-3 Months
2 Noise Wall change orders	\$1.2M - \$16.5M	TBD
3 Geotech issues	\$10-17M	TBD

### Mitigation Activities

- 1 WSDOT received ECC's letter request for equitable adjustment for Fairweather Bay Scope Increases and associated schedule impacts, WSDOT is evaluating the chronological events of these changes and its impact to the schedule and assess entitlement
- 2 WSDOT and ECC negotiated the first two noise wall change orders, one for establishing the baseline to adjust noise walls to comply with the EA, and the other change order to build the noise wall at the top the westbound off ramp to 92nd Ave. WSDOT will be processing a change order to pay for the design effort to redesign the noise wall heights between EPR and 92nd Ave I/C, that will be followed by other change orders to construct the RFC revised walls.
- 3 Ongoing discussions between WSDOT and ECC regarding the Geotech design of walls in the vicinity of Bellevue Way I/C, including lateral spreading design, Qppl and global stability and land slide area. The discussion includes using the LRFD 2012 guidelines. ECC submitted letters of notifying WSDOT with additional cost in excess of \$17m and potential schedule delay (that will be evaluated to determine entitlement). WSDOT and ECC will be presenting the Qppl and the Pseudo Static Loading to the DRB in October

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	1/0	0/0	2/0
<b>Contract Days without an Incident</b>			456/210

## SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	1/23/2014**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	10/8/2013**

\*Contract Milestones

\*\*According to the final Monthly Progress Working Schedule for May 2012

Mitigation: WSDOT and ECC are collaborating to identify solutions to bring the Evergreen Point Area Work milestone back on schedule. The schedule update shows potential delay for meeting the Contract's milestones at Evergreen Point Road (ECC is evaluating options) and will be coordinating with the FB&L Project through WSDOT

## FORECAST

### Planned for Next Week

- Ongoing fabricating of Fish Passage Culverts D-G and noise wall barriers, and concrete girders
- Evaluating the noise wall design to modify the height that is required to meet WSDOT commitments to the communities, this work is currently been tracked for payment as time and material to paid via a change order and separate change orders for the construction of these walls, as the design finalized and to be released for construction
- Ongoing utility work at the 84th Ave. NE Lid, 92nd Ave NE Lid, NE Points Drive Area and Bellevue Way areas
- At Evergreen Point Road Lid: Pier 4 repair - install anchors, continue to set intermediate diaphragms; pier 3 - complete power crossing, and install J-boxes for Pier 3 cap, CIP Deck - continue to set forms and pour concrete for #4 and #5 soffits; Wall 3-14 - strip CS1, pour level pad
- At Fairweather Bay: Wall 3-28 - excavate face and install lagging, weld studs and ties to piles, continue installing soldier pile fascia
- At 84th Ave NE Lid: excavate pier 1 and 3 to existing footing grade for demolition of existing 84th Ave NE Bridge, CIP Deck - form and pour concrete #4
- At 92nd Ave NE: Wall 4B-02, continue moving forms from ECC-12, tie and set rebar curtains, set forms and pour concrete fascia wall; east portion of the lid pier 1 - excavate and install lagging for lift 2; east portion of the lid pier 3 - tie rebars and set forms for wall; Noise Wall 7B - continue to drill shafts, tie rebar and pour shafts; EB On-Ramp - continue to install ITS/power conduit and cabinet pads; EB on-ramp traffic barrier - install precast traffic barrier, grout keyways, form and pour concrete for light foundations barriers; Wall 4B-07 - continue to set forms and pour fascia and noise walls, Noise Wall 14 - build access and fine grade for NW 14

- Bellevue Way NE Bridge: Wall 4B-76 - construct wall and drainage; backfill pedestrian tunnel ; Wall 4-50 - continue building stage 2; Wall ECC-37 - survey, drill shafts, and install H-piles, Wall 4B-19 - excavate and shoring
- NE Points Drive and 108th area: 108th Ave NE -continue ramp tie-in work; Pier 3 drilled shafts - continue to fabricate cages; Wall 3-20, excavate for wall 3-20 and protect stream

**Planned for Next Three Months**

- Planning for July 2012 SR 520 -Weekend closure Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th areas
- Securing needed right of way

[<Construction Look-Ahead Link>](#)

[<Design Submittal - Link>](#)

**CHANGE MANAGEMENT**

**Change Order Status**

- Ongoing discussions with ECC related to noise walls changes, and Geotechnical design assumptions
- WSDOT will be developing the design for relocating of the Points Loop Connector and the Medina Circle that will be constructed by ECC by change orders
- Coordinating with the City of Bellevue storm sewer siphon line
- Coordinating with FBL for keeping the temporary construction access from EPR to SR 520 as part of the FBL MOT plan

**IMAGES**



Fairweather Bay Wall 3-28 (facing east)



Installing Precast Barrier for new 92nd on-ramp (facing west)

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Bob Dyer  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 7/6/2012  
 Project: 7963/U52021A  
 Project Budget: \$318M  
 Project Cost to Date: \$143M

### SUMMARY NARRATIVE

#### This Week

- Ongoing Roadway, Structure, Hydraulic, Utilities, Landscape-Design, MOT Package and RFCs, as-builts, NDCs and FDCs submittals
- The Design team is evaluating the noise wall design to modify the height required to meet WSDOT commitments to communities, this work is currently being tracked for payment as time and material pending executing a change order, four NTP to construct noise walls evaluated and released in NDCs
- Ongoing fabrication of fish passage culverts, concrete barriers, noise wall barriers and pre-stressed concrete girders
- Ongoing utility work at the Evergreen Point Road Lid, 84th Ave NE and 92nd Ave NE I/C lids, NE Points Drive and Bellevue Way/108th Ave NE areas
- At Evergreen Point Road: Pier 4 repair - install anchors, continue to set intermediate diaphragms; pier 3 - complete power crossing, and install J-boxes for Pier 3 cap, CIP Deck - continue to set forms and pour concrete for #4 and #5 soffits; Wall 3-14 - strip CS1, pour level pad
- At Fairweather Bay: Wall 3-28 - excavate face and install lagging, weld studs and ties to piles, continue installing soldier pile fascia
- At 84th Ave NE Lid: excavate pier 1 and 3 to existing footing grade for demolition of existing 84th Ave NE Bridge, CIP Deck - form and pour concrete #4
- At 92nd Ave NE Lid: Wall 4B-02, continue moving forms from ECC-12, tie and set rebar curtains, set forms and pour concrete fascia wall; east portion of the lid pier 1 - excavate and install lagging for lift 2; east portion of the lid pier 3 - tie rebars and set forms for wall; Noise Wall 7B - continue to drill shafts, tie rebar and pour shafts; EB On-Ramp - continue to install ITS/power conduit and cabinet pads; EB on-ramp traffic barrier - install precast traffic barrier, grout keyways, form and pour concrete for light foundations barriers; Wall 4B-07 - continue to set forms and pour fascia and noise walls, Noise Wall 14 - build access and fine grade for NW 14
- Bellevue Way NE Bridge: Wall 4B-76 - construct wall and drainage; backfill pedestrian tunnel ; Wall 4-50 - continue building stage 2; Wall ECC-37 - survey, drill shafts, and install H-piles, Wall 4B-19 - excavate and shoring
- NE Points Drive and 108th area: 108th Ave NE -continue ramp tie-in work; Pier 3 drilled shafts - continue to fabricate cages; Wall 3-20, excavate for wall 3-20 and protect stream
- To date, there are 129 NCIs issued by WSDOT QV, 94 of which are resolved. There was a rise in NCI's related to the Design-Builder's Quality processes, work plans and construction activity. There are 154 NCRs issued by the Design-Builder QA, 111 of which are resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- Nothing reported this week

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	38	0	38
<b>Minor Environmental Event</b>	98	0	98

#### Event/Mitigation:

- No new ECAPs or other events for the week

## RISKS

Top 3 Risks	Potential Dollar Value	Potential Schedule Impact
1 Redesign of Fairweather Bay Basin to match Shoreline permit Exhibits (schedule delay)	\$4.5M-\$9M	1-3 Months
2 Noise Wall change orders	\$1.2M - \$16.5M	TBD
3 Geotech issues	\$10-17M	TBD

### Mitigation Activities

- 1 WSDOT received ECC's letter request for equitable adjustment for Fairweather Bay Scope Increases and associated schedule impacts, WSDOT is evaluating the chronological events of these changes and its impact to the schedule and assess entitlement
- 2 WSDOT and ECC negotiated the first two noise wall change orders, one for establishing the baseline to adjust noise walls to comply with the EA, and the other change order to build the noise wall at the top the westbound off ramp to 92nd Ave. WSDOT will be processing a change order to pay for the design effort to redesign the noise wall heights between EPR and 92nd Ave I/C, that will be followed by other change orders to construct the RFC revised walls.
- 3 Ongoing discussions between WSDOT and ECC regarding the Geotech design of walls in the vicinity of Bellevue Way I/C, including lateral spreading design, Qppl and global stability. The discussion includes using the LRFD 2012 guidelines. ECC submitted letters of notifying WSDOT with additional cost in excess of \$17m and potential schedule delay (that will be evaluated to determine entitlement). WSDOT and ECC will be presenting the Qppl and the Pseudo Static Loading to the DRB in the first week of October.

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	1/0	0/0	2/0
<b>Contract Days without an Incident</b>			<b>456/210</b>

## SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	1/23/2014**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	10/8/2013**

\*Contract Milestones

\*\*According to the Final Monthly Progress Working Schedule for May 2012

Mitigation: WSDOT and ECC are collaborating to identify solutions to bring the Evergreen Point Area Work milestone back on schedule. The schedule update shows potential delay for meeting the Contract's milestones at Evergreen Point Road (ECC is evaluating options) and will be coordinating with the FB&L Project through WSDOT

## FORECAST

### Planned for Next Week

- Ongoing fabricating of Fish Passage Culverts D-G and noise wall barriers, and concrete girders
- Evaluating the noise wall design to modify the height that is required to meet WSDOT commitments to the communities, this work is currently been tracked for payment as time and material to paid via a change order and separate change orders for the construction of these walls, as the design finalized and to be released for construction
- Ongoing utility work at the 84th Ave. NE Lid, 92nd Ave NE Lid, NE Points Drive Area and Bellevue Way areas
- Planning for July 13-16 SR 520 -Weekend closure Work
- At Evergreen Point Road Lid: continue to set intermediate diaphragms; CIP Deck - continue to set forms and pour concrete for #5 soffits; install panels for Wall 3-14 and RE-01
- At Fairweather Bay: Wall 3-28 - continue installing soldier pile fascia; Wall 3-30 - begin excavating from shoring plan
- At 84th Ave NE Lid: excavate pier 1 and 3 to existing footing grade for demolition of existing 84th Ave NE Bridge, CIP Deck - install rebar; SIP deck - install electrical conduit on top of girders, install electrical deck inserts; Culvert B- install headwall and
- At 92nd Ave NE: Wall 4B-02, continue to tie and set rebar curtains, set forms and pour concrete fascia wall; east portion of the lid pier 1 - stress PGAs lift #2, excavate, install lagging, and install PGA's and Wales for lift #3; east portion of f the lid pier 3 - continue to tie rebars and set forms for wall; EB On-Ramp - finish CSBC; continue to install ITS/power conduit and cabinet pads; EB on-ramp traffic barrier -form and pour concrete for light foundations barriers; Wall 4B-07 - continue to set forms and pour fascia and noise walls, Noise Wall 14 - drill shafts, tie rebars and pour concrete shafts

- Bellevue Way NE Bridge: Wall 4B-76 - continue to construct wall and drainage; Wall 4-50 - continue building stage 2; Wall ECC-37 - survey, drill shafts, and install H-piles, Wall 4B-19 - continue excavating and shoring
- NE Points Drive and 108th area: 108th Ave NE -fabricate cages and install 16 shafts at pier 3; install preload for Culvert F

**Planned for Next Three Months**

- Planning for July and August SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th areas
- Securing needed right of way

[<Construction Look-Ahead Link>](#)

[<Design Submittal - Link>](#)

**CHANGE MANAGEMENT**

**Change Order Status**

- Ongoing discussions with ECC related to noise walls changes, and Geotechnical design assumptions
- WSDOT will be developing the design for relocating of the Points Loop Connector and the Medina Circle that will be constructed by ECC by change orders
- Coordinating with the City of Bellevue storm sewer siphon line
- Coordinating with FBL for keeping the temporary construction access from EPR to SR 520 as part of the FBL MOT plan

**IMAGES**



Excavation for Pier 1 at 92nd Ave NE (facing west)



Wall 4B-07 fascia wall pour north east of 92nd Ave NE (facing north)

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Bob Dyer  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 7/13/2012  
 Project: 7963/U52021A  
 Project Budget: \$318M  
 Project Cost to Date: \$143M

### SUMMARY NARRATIVE

#### This Week

- Ongoing Roadway, Structure, Hydraulic, Utilities, Landscape-Design, MOT Package and RFCs, as-builts, NDCs and FDCs submittals
- The Design team is evaluating the noise wall design to modify the height required to meet WSDOT commitments to communities, this work is currently being tracked for payment as time and material pending executing a change order, four NTP to construct noise walls evaluated and released in NDCs
- Ongoing fabrication of fish passage culverts, concrete barriers, noise wall barriers and pre-stressed concrete girders
- Ongoing utility work at the Evergreen Point Road Lid, 84th Ave NE and 92nd Ave NE I/C lids, NE Points Drive and Bellevue Way/108th Ave NE areas
- Planning for July 13-16 SR 520 -Weekend closure work: demolish the existing 84th Ave NE Bridge, complete demolition of the north pier of the old 92nd Ave NE bridge, mainline shift at 84th Ave NE, open revised EB on-ramp at 92nd Ave NE, install Culvert G
- At Evergreen Point Road: continue to set intermediate diaphragms; pier 4 - strip heal pour; CIP Deck - continue to set forms and pour concrete for #5 soffits; Wall 3-14 - install panels and backfill
- At Fairweather Bay: Wall 3-28 - continue to excavate face and install lagging, weld studs and ties to piles, continue installing soldier pile fascia; shoreline curb work - set forms for curb, core holes, and place drain mat
- At 84th Ave NE Lid: pier 1- set rebar cage, set forms and pour southeast column; pier 2 - install shoring; prepare to demolition existing 84th Ave NE Bridge, CIP Deck - install rebar; SIP Deck - install electrical conduit on top of girders and electrical deck inserts; excavate and set forms for Culvert B headwall;
- At 92nd Ave NE Lid: Wall 4B-02, survey face of wall with elevations on Rat Slab, set forms and pour concrete for fascia wall (bottom section); east portion of the lid pier 1 - stress PGA's lift #2 and excavate and install lagging, install PGAs and Wales for Lift #3; east portion of the lid pier 3 - tie rebars and set forms for wall 3-3 and 3-4; EB On-Ramp - backfill permanent barrier, finish CSBC, install ITS/Power Conduit and Cabinet Pads; install permanent and temporary light poles; EB on-ramp traffic barrier - finish installing precast traffic barriers; Wall 4B-07 - set forms and pour for angle section panels and panels 18, 16, 14, 12, and 10 fascia and noise walls, Noise Wall 14 - fine grade for NW 14 and drill shafts
- Bellevue Way NE Bridge: Wall 4B-76 - continue to construct wall and drainage; backfill/bagwall pedestrian tunnel ; embankment approaches for the new western portion of the new Bellevue Way NE Bridge; Wall 4-50 - finish building stage 2; Wall 4B-19 - excavate and shoring
- NE Points Drive and 108th area: 108th Ave NE -Pier 3 drilled shafts - continue to fabricate cages
- To date, there are 128 NCI's issued by WSDOT QV, 96 of which are resolved. There was a rise in NCI's related to the Design-Builder's Quality processes, work plans and construction activity. There are 154 NCRs issued by the Design-Builder QA, 112 of which are resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- Press release regarding July 13-16 SR520 full road weekend closure
- Meeting with Hunts Point, Clyde Hill and Yarrow Point regarding potential routing of Metro buses on NE Points Drive between 84th Avenue Northeast and 92nd Avenue Northeast during construction. Towns expressed concerns with ECC plan, and ECC is looking at alternate solutions.

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	38	1	39
<b>Minor Environmental Event</b>	98	0	98

#### Event/Mitigation:

- One ECAP this week. Five fish; four 1" Coho and one 4" cutthroat were discovered mortally wounded during three days of fish exclusion prior to installation of FPS-G.

## RISKS

Top 3 Risks	Potential Dollar Value	Potential Schedule Impact
1 Redesign of Fairweather Bay Basin to match Shoreline permit Exhibits (schedule delay)	\$4.5M-\$9M	1-3 Months
2 Noise Wall change orders	\$1.2M - \$16.5M	TBD
3 Geotech issues	\$10-19M	TBD

### Mitigation Activities

- 1 WSDOT and ECC negoating and equitable adjustment for the work included in the Fairweather Bay change order.
- 2 WSDOT and ECC will be negotiating the NDCs includes the redesigned noise walls. WSDOT and ECC agreed to execute a change order for time and material needed to redesign the noise walls between Evergreen Point Road 92nd Ave NE.
- 3 Ongoing discussions between WSDOT and ECC regarding the Geotech design of walls in the vicinity of Bellevue Way I/C, including lateral spreading design, Qppl and global stability. The discussion includes using the LRFD 2012 guidelines. ECC submitted letters of notifying WSDOT with additional cost in excess of \$17m and potential schedule delay (that will be evaluated to determine entitlement). WSDOT and ECC will be presenting the Qppl and the Pseudo Static Loading to the DRB in the first week of October.

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	1/0	0/0	2/0
<b>Contract Days without an Incident</b>			<b>456/210</b>

## SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	7/19/2014**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	10/8/2013**

\*Contract Milestones

\*\*According to the Draft Monthly Progress Working Schedule for June 2012

Mitigation: WSDOT and ECC are collaborating to identify solutions to bring the Evergreen Point Area Work milestone back on schedule. The schedule update shows potential delay for meeting the Contract's milestones at Evergreen Point Road (ECC is evaluating options) and will be coordinating with the FB&L Project through WSDOT

## FORECAST

### Planned for Next Week

- Ongoing fabricating of Fish Passage Culverts D-G and noise wall barriers, and concrete girders
- Evaluating the noise wall design to modify the height that is required to meet WSDOT commitments to the communities, this work is currently been tracked for payment as time and material to paid via a change order and separate change orders for the construction of these walls, as the design finalized and to be released for construction
- Ongoing utility work at the 84th Ave. NE Lid, 92nd Ave NE Lid, NE Points Drive Area and Bellevue Way areas
- At Evergreen Point Road Lid: perform portal column repair and strip forms; continue to set intermediate diaphragms; CIP Deck - continue to set forms and pour concrete for #5 soffits, install rebar for pour #4, set forms and pour concrete for parking lot curb
- At Fairweather Bay: Wall 3-28 - continue installing soldier pile fascia; Wall 3-30 - begin excavating from shoring plan; backfill and restore shoreline curb work
- At 84th Ave NE Lid: 84th Ave NE Mainline Shift 3; pier 2 - install shoring, rat slab, set forms and pour concrete footing; east portion of pier 3 - set forms and pour concrete for northeast column; pier 1 end diaphragm - strip upper diaphragms , CIP Deck - strip deck pours and pour concrete deck #4; Culvert B- pour concrete for headwall and install panel for wall 3-20.
- At 92nd Ave NE: Wall 4B-02, continue to set forms and pour concrete fascia wall; east portion of the lid pier 1 - stress PGAs lift #3, and final excavation and lagging; east portion of f the lid pier 3 - continue to tie rebars and set forms for wall 3-4; EB On-Ramp -pave HMA, relocate EB flyer stop, install fencing/signage/striping, install temporary concrete barrier, and open EB on-ramp 92nd Ave NE Stage 2; Wall 4B-07 - continue to set forms and pour fascia and noise walls panels 12, 10, 13, and 11; Noise Wall 14 - continue to drill shafts, tie rebars and pour concrete shafts
- Bellevue Way NE Bridge: Continue to backfill the Bellevue Way ped tunnel; close Bellevue Way NB to SR520 WB loop ramp
- NE Points Drive and 108th area: 108th Ave NE -clear and grub stream area from Culvert D to E

**Planned for Next Three Months**

- Planning for August SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th areas
- Securing needed right of way

[<Construction Look-Ahead Link>](#)

[<Design Submittal - Link>](#)

**CHANGE MANAGEMENT**

**Change Order Status**

- Ongoing discussions with ECC related to noise walls changes, and Geotechnical design assumptions
- WSDOT will be developing the design for relocating of the Points Loop trail to the south side of SR 520 and the Medina Circle that will be constructed by ECC by change orders
- Coordinating with the City of Bellevue storm sewer siphon line
- Coordinating with FBL for keeping the temporary construction access from EPR to SR 520 as part of the FBL MOT plan

**IMAGES**



Welding studs onto Wall 3-28 at Fairweather Bay Pond I (facing south)



Placing deck rebar at 84th Ave NE Lid (facing northwest)

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Bob Dyer  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 7/20/2012  
 Project: 7963/U52021A  
 Project Budget: \$319M  
 Project Cost to Date: \$143M

### SUMMARY NARRATIVE

#### This Week

- Ongoing Roadway, Structure, Hydraulic, Utilities, Landscape-Design, MOT Package and RFCs, as-builts, NDCs and FDCs submittals
- The Design team is evaluating the noise wall design to modify the height required to meet WSDOT commitments to communities, this work is currently being tracked for payment as time and material pending executing a change order, four NTP to construct noise walls evaluated and released in NDCs
- Ongoing fabrication of fish passage culverts, concrete barriers, noise wall barriers and pre-stressed concrete girders
- Ongoing utility work at the Evergreen Point Road Lid, 84th Ave NE and 92nd Ave NE I/C lids, NE Points Drive and Bellevue Way/108th Ave NE areas
- SR 520 -Weekend closure work: demolish the existing 84th Ave NE Bridge, complete demolition of the north pier of the old 92nd Ave NE bridge, mainline shift at 84th Ave NE, open revised EB on-ramp at 92nd Ave NE, install Culvert G
- At Evergreen Point Road: portal column repair - perform repair and strip forms; pier 4 repair - install anchors and wire mesh; CIP Deck - continue to set forms and pour concrete for #5 soffits, install rebar for pour #4, set forms and pour concrete for parking lot curb and lid edge railings; continue installing panels for Wall 3-14
- At Fairweather Bay: Wall 3-28 - continue installing soldier pile fascia; Wall 3-30 - begin excavating from shoring plan; backfill and restore shoreline curb work
- At 84th Ave NE Lid: 84th Ave NE Mainline Shift 3; pier 2 - install shoring, rat slab, set forms and pour concrete footing; east portion of pier 3 - set rebar cages for northeast column; pier 1 end diaphragm - strip upper diaphragms , CIP Deck - strip deck pours and pour concrete deck #2-3; Culvert B- pour concrete for headwall and install panel for Wall 3-20
- At 92nd Ave NE Lid: Wall 4B-02 - tie and set rebar curtains, continue to set forms and pour concrete fascia wall; east portion of the lid pier 1 - final excavation and lagging; east portion of the lid pier 3 - continue to tie rebars and set forms for wall 3-4; EB On-Ramp -pave HMA, relocate EB flyer stop, install fencing/signage/stripping, install temporary concrete barrier, and open revised EB on-ramp 92nd Ave NE Stage 2; Wall 4B-07 - continue to set forms and pour fascia and noise walls panels 16, 14, 12; Noise Wall 14 - continue to drill shafts, tie rebars and pour concrete shafts
- Bellevue Way NE Bridge: Continue to backfill the Bellevue Way ped tunnel; embank approaches for the upcoming MOT traffic shift; close Bellevue Way NB to SR520 WB loop ramp
- NE Points Drive and 108th area: 108th Ave NE -clear and grub stream area from Culvert D to E
- To date, there are 132 NCIs issued by WSDOT QV, 102 of which are resolved. There was a rise in NCI's related to the Design-Builder's Quality processes, work plans and construction activity. There are 154 NCRs issued by the Design-Builder QA, 120 of which are resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- WSDOT staff provided TV and radio interviews regarding weekend closure
- WSDOT hosted media tour of Eastside project, Floating Bridge and Landings Project and floating bridge maintenance
- WSDOT and ECC provided public bus tours of Eastside and Floating Bridge and Landings construction
- Numerous public comments regarding merge distance at new 92nd Ave NE on-ramp

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	39	1	40
<b>Minor Environmental Event</b>	98	0	98

#### Event/Mitigation:

- One ECAP for the week; While drilling shafts for Noise Wall 14, soil with a petroleum odor was encountered. Samples were collected but laboratory results did not reveal any contamination.

### RISKS

Top 3 Risks	Potential Dollar Value	Potential Schedule Impact
1 Redesign of Fairweather Bay Basin to match Shoreline permit Exhibits (schedule delay)	\$4.5M-\$9M	1-3 Months
2 Noise Wall change orders	\$1.2M - \$16.5M	TBD
3 Geotech issues	\$10-19M	TBD

Mitigation Activities

- 1 WSDOT and ECC negotiating and equitable adjustment for the work included in the Fairweather Bay change order.
- 2 WSDOT and ECC will be negotiating the NDCs includes the redesigned noise walls. WSDOT and ECC agreed to execute a change order for time and material needed to redesign the noise walls between Evergreen Point Road 92nd Ave NE.
- 3 Ongoing discussions between WSDOT and ECC regarding the Geotech design of walls in the vicinity of Bellevue Way I/C, including lateral spreading design, Qppl and global stability. The discussion includes using the LRFD 2012 guidelines. ECC submitted letters notifying WSDOT with additional cost in excess of \$17m and potential schedule delay (that will be evaluated for entitlement). WSDOT and ECC escalated the disputed geotech issues to their executives and recommended presenting the Qppl and the Pseudo Static Loading to the DRB in the first week of October.

[<Risk Log Link>](#)

**SAFETY (WSDOT / ECC)**

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	1/0	0/0	2/0
<b>Contract Days without an Incident</b>			456/210

**SCHEDULE**

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	7/29/2014**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	10/3/2013**

\*Contract Milestones

\*\*According to the Final Monthly Progress Working Schedule for June 2012

Mitigation: WSDOT and ECC are collaborating to identify solutions to bring the Evergreen Point Area Work milestone back on schedule. The schedule update shows potential delay for meeting the Contract's milestones at Evergreen Point Road (ECC is evaluating options) and will be coordinating with the FB&L Project through WSDOT

**FORECAST**

**Planned for Next Week**

- Ongoing fabricating of Fish Passage Culverts D-G and noise wall barriers, and concrete girders
- Evaluating the noise wall design to modify the height that is required to meet WSDOT commitments to the communities, this work is currently been tracked for payment as time and material to paid via a change order and separate change orders for the construction of these walls, as the design finalized and to be released for construction
- Ongoing utility work at the 84th Ave. NE Lid, 92nd Ave NE Lid, NE Points Drive Area and Bellevue Way areas
- At Evergreen Point Road Lid: Pier 4 repair - install shotcrete; CIP Deck - continue to install rebar for pour #4 and #5, continue to set forms and pour concrete for parking lot curb and lid edge railings; construct Wall RE-01
- At Fairweather Bay: Wall 3-28 - continue installing soldier pile fascia; Wall 3-30 - continue excavating from shoring plan, grade and pour level pad
- At 84th Ave NE Lid: pier 2 - set forms for the remaining footing, install horizontal and hairpin walls, set forms and tie rebars for wall 2-1; east portion of pier 3 - set forms and pour concrete for northeast column; backfill Wall ECC-05; pier 1 - set upper diaphragms for pour #4
- At 92nd Ave NE: Wall 4B-02, continue to set forms and pour concrete fascia & noise wall; east portion of the lid pier 1 -survey rat slab; east portion of f the lid pier 2 - begin structure excavation ; east portion of f the lid pier 3 - continue to tie rebars and set forms for wall 3-4; Noise Wall 7B - build access into Wall 7B; Wall 4B-07 - continue to set forms and pour fascia and noise walls panels 10, 22, 13, 11 and 9; Wall ECC-13 - build bench and facing excavation, install rocks
- Bellevue Way NE Bridge: Wall ECC -37 - survey
- NE Points Drive and 108th area: 108th Ave NE Pier 3 - fabricate cages and install pier 3 shafts; begin excavating for Wall 4B-19; stream exclusion for Culvert D to E

**Planned for Next Three Months**

- Planning for August and September SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th areas
- Securing needed right of way

[<Construction Look-Ahead Link>](#)

[<Design Submittal - Link>](#)

## CHANGE MANAGEMENT

### Change Order Status

- Ongoing discussions with ECC related to noise walls changes, and Geotechnical design assumptions
- WSDOT is developing the design for relocating of the Points Loop trail to the south side of SR 520 and the Medina Circle that will be constructed by ECC by change orders
- Coordinating with the City of Bellevue storm sewer siphon line
- Coordinating with FBL for keeping the temporary construction access from EPR to SR 520 as part of the FBL MOT plan

## IMAGES



Demolition of the old 84th Ave NE Bridge during the SR520 Full Road Closure  
(facing east)



Fish Passage Culvert G  
(facing south)

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Bob Dyer  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 7/27/2012  
 Project: 7963/U52021A  
 Project Budget: \$320M  
 Project Cost to Date: \$154M

### SUMMARY NARRATIVE

#### This Week

- Ongoing Roadway, Structure, Hydraulic, Utilities, Landscape-Design, MOT Package and RFCs, as-builts, NDCs and FDCs submittals
- The Design team is evaluating the noise wall design to modify the height required to meet WSDOT commitments to communities, this work is currently being tracked for payment as time and material pending executing a change order, four NTP to construct noise walls evaluated and released in NDCs
- Ongoing fabrication of fish passage culverts, concrete barriers, noise wall barriers and pre-stressed concrete girders
- Ongoing utility work at the Evergreen Point Road Lid, 84th Ave NE and 92nd Ave NE I/C lids, NE Points Drive and Bellevue Way/108th Ave NE areas
- At Evergreen Point Road Lid: portal column repair - perform repair and strip forms; pier 4 repair - install shotcrete; CIP Deck - continue to install rebar for pour #4 and #5, continue to set forms and pour concrete for parking lot curb and lid edge railings; construct Wall RE-01
- At Fairweather Bay: Wall 3-28 - continue installing soldier pile fascia; Wall 3-30 - continue excavating per shoring plan, grade and pour level pad
- At 84th Ave NE Lid: pier 3 structure excavation and drainage run; pier 2 - set forms for the remaining footing, tying rebars for walls, set forms and tie rebars for wall 2-1; east portion of pier 3 - set forms and pour concrete for northeast column; pier 1 - set upper diaphragms for pour #4; culvert B headwall - excavate and prep for Wall ECC-31, set forms and pour concrete for Wall ECC-31 footings
- At 92nd Ave NE Lid: Wall 4B-02 - continue to set forms and pour concrete smooth fascia panels & noise wall; east portion of the lid pier 1 - survey rat slab; east portion of the lid pier 2 - begin structure excavation; east portion of the lid pier 3 - continue to tie rebars and set forms for wall; Wall 4B-07 - continue to set forms and pour fascia and noise walls panels; Wall ECC-08 - build bench and facing excavation, install rocks; ped tunnel excavation phase 2 and backfill pier 3
- Bellevue Way NE Bridge: Begin excavation for a 1:1 slope for Wall 4B-17; excavation for Wall 4B-19; Bellevue Way Stage 4 MOT Shift - subgrade CSBC, pave approaches, place barrier, stripe new alignment, sign adjustments and move traffic to new alignment; Wall ECC37 - survey soldier pile wall
- NE Points Drive and 108th area: 108th Ave NE Pier 3 - fabricate cages and install pier 3 shafts; begin excavating for Wall 4B-19; stream exclusion for Culvert D to E
- To date, there are 132 NCI's issued by WSDOT QV, 103 of which are resolved. There was a rise in NCI's related to the Design-Builder's Quality processes, work plans and construction activity. There are 161 NCRs issued by the Design-Builder QA, 130 of which are resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- WSDOT sent letter to ECC reminding ECC of the contract requirement to submit all written public communication to WSDOT for review. Letter sent following inappropriate and combative email sent by ECC to a resident and elected officials.
- Resident complaint regarding ECC communications forwarded to WSDOT via Real Estate Services office

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	40	2	42
<b>Minor Environmental Event</b>	98	0	116*

#### Event/Mitigation:

- Two ECAPs from last Friday: The first was another NPDES water quality exceedence from turbid stormwater entering the Wetherill Nature Preserve. The second was two simultaneous discharges to the sanitary sewer system; only one discharge is allowed at any one time.

\*Corrected totals

### RISKS

Top 3 Risks	Potential Dollar Value	Potential Schedule Impact
1 Redesign of Fairweather Bay Basin to match Shoreline permit Exhibits (schedule delay)	\$4.5M-\$9M	1-3 Months
2 Noise Wall change orders	\$1.2M - \$16.5M	TBD
3 Geotech issues	\$10-19M	TBD

Mitigation Activities

- 1 WSDOT and ECC negotiating and equitable adjustment for the work included in the Fairweather Bay change order.
- 2 WSDOT and ECC will be negotiating the addition construction cost to noise walls that will be modified as its released in NDCs for walls between Evergreen Point Road 92nd Ave NE.
- 3 Ongoing discussions between WSDOT and ECC regarding the Geotech design of walls in the vicinity of Bellevue Way I/C, including lateral spreading design, Qppl and global stability. The discussion includes using the LRFD 2012 guidelines. ECC submitted letters notifying WSDOT with additional cost in excess of \$17m and potential schedule delay (that will be evaluated for entitlement). WSDOT and ECC escalated the disputed geotech issues to their executives and recommended presenting the Qppl and the Pseudo Static Loading to the DRB in the first week of October.

[<Risk Log Link>](#)

**SAFETY (WSDOT / ECC)**

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	1/0	0/0	2/0
<b>Contract Days without an Incident</b>			456/210

**SCHEDULE**

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	7/29/2014**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	10/3/2013**

\*Contract Milestones

\*\*According to the Final Monthly Progress Working Schedule for June 2012

Mitigation: WSDOT and ECC are collaborating to identify solutions to bring the Evergreen Point Area Work milestone back on schedule. The schedule update shows potential delay for meeting the Contract's milestones at Evergreen Point Road (ECC is evaluating options) and will be coordinating with the FB&L Project through WSDOT

**FORECAST**

**Planned for Next Week**

- Ongoing fabricating of Fish Passage Culverts D-G and noise wall barriers, and concrete girders
- Finalizing the noise wall design to modify the height that is required to meet WSDOT commitments to the communities, this work is currently been tracked for payment as time and material to paid via a change order and separate change orders for the construction of these walls, as the design finalized and to be released for construction
- Ongoing utility work at the 84th Ave. NE Lid, 92nd Ave NE Lid, NE Points Drive Area and Bellevue Way areas
- At Evergreen Point Road Lid: east portion of pier 1 - set rebar cage an form portal column; CIP Deck - continue to install rebar for pour #5 and dry run pour #5construct Wall RE-01, finish grade for moment slab
- At Fairweather Bay: Wall 3-28 - continue installing soldier pile fascia; Wall 3-30 - continue excavating from shoring plan, grade and pour level pad
- At 84th Ave NE Lid: pier 3 - structure excavation and drainage run install rat slab and set forms and pour concrete footing; pier 2 - set forms and tie rebar for wall W2-2; pier 1-3 set upper diaphragms for pour #4; Wall ECC-31 - set forms and pour concrete; Wall 3-20 - install panels and backfill; RE-02 Construction
- At 92nd Ave NE: Wall 4B-02 - continue to set forms and pour concrete fascia panels & noise wall; east portion of the lid pier 1 - set forms and pour concrete footing, remaining footing, and Wall E1-1; CIP Deck - set forms and pour concrete West Lid Edge railing/curbs; Noise Wall 7B - build access into Wall 7B; Wall 4B-07 - continue to set forms and pour fascia and noise walls panels; Wall ECC-13 - build bench and facing excavation, install rocks; Wall ECC-08 - build bench and facing excavation, install rocks; continue ped tunnel excavation phase 2
- Bellevue Way NE Bridge: build outfall for Culvert 78; excavate side abutments on the eastside of Bellevue Way Bridge; drill shafts and install H-Piles for Wall ECC-37; Wall 4B-33 demo existing wall
- NE Points Drive and 108th area: 108th Ave NE Pier 3 - fabricate cages and install pier 3 shafts; continue excavation and shoring for Wall 4B-19; continue stream exclusion for Culvert D to E

**Planned for Next Three Months**

- Planning for August and September SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th areas
- Securing needed right of way

[<Construction Look-Ahead Link>](#)

[<Design Submittal - Link>](#)

**CHANGE MANAGEMENT**

**Change Order Status**

- Ongoing discussions with ECC related to noise walls changes, and Geotechnical design assumptions
- WSDOT is developing the design to relocate the Points Loop trail to the south side of SR 520 and the striping and signing at the Medina Circle and Hawthorn Court that will be constructed by ECC by change orders
- Coordinating with the City of Bellevue storm sewer siphon line
- Coordinating with FBL for keeping the temporary construction access from EPR to SR 520 as part of the FBL MOT plan

**IMAGES**



Installing rebar on the West portion of Evergreen Point Road Lid (facing north)



Installing fascia for Wall 3-28 (facing east)

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Fred Tharp  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 8/3/2012  
 Project: 7963/U52021A  
 Project Budget: \$320M  
 Project Cost to Date: \$154M

### SUMMARY NARRATIVE

#### This Week

- Ongoing Roadway, Structure, Hydraulic, Utilities, Landscape-Design, MOT Package and RFCs, as-builts, NDCs and FDCs submittals
- The Design team is evaluating the noise wall design to modify the height required to meet WSDOT commitments to communities, this work is currently being tracked for payment as time and material pending executing a change order, four NTP to construct noise walls evaluated and released in NDCs
- Ongoing fabrication of fish passage culverts, concrete barriers, noise wall barriers and pre-stressed concrete girders
- Ongoing utility work at the Evergreen Point Road Lid, 84th Ave NE and 92nd Ave NE I/C lids, NE Points Drive and Bellevue Way/108th Ave NE areas
- At Evergreen Point Road Lid: portal column repair - perform repair and strip forms; pier 4 repair - install shotcrete; CIP Deck - continue to install rebar for pour #5, continue to set forms and pour concrete for parking lot curb; construct Wall RE-01 drainage structures
- At Fairweather Bay: Wall 3-28 - continue installing soldier pile fascia; Wall 3-30 - continue excavating per shoring plan, grade and pour level pad
- At 84th Ave NE Lid: pier 3 continue structure excavation and drainage work; pier 2 - set forms for the remaining footing, tying rebars for walls, set forms and tie rebars for wall 2-2; east portion of pier 3 - continue setting forms and pouring concrete for northeast column; pier 1 - strip upper diaphragms from pour #2 and 3, pour upper diaphragm #4 for piers 1-3; culvert B headwall Wall ECC-31, continue to set forms and pour concrete for Wall ECC-31 footings; Wall 3-20 - install panels and backfill
- At 92nd Ave NE Lid: Wall 4B-02 - continue to set forms and pour concrete fascia panels & noise wall; east portion of the lid pier 1 - set forms, tie rebar and pour concrete for footing, set forms and tie rebar for wall E1-1; CIP Deck - set forms and pour concrete for west lid edge railing curbs; Wall 4B-07 - continue to set forms and pour fascia and noise walls panels, build lower crane pad, set forms and pour concrete for rat slab; Wall ECC-13 - build bench/facing excavation, placing topsoil; Wall ECC-08 - build bench and facing excavation, install rocks; ped tunnel excavation phase 2
- Bellevue Way NE Bridge: Wall 4B-76 - construct wall and drainage, install coping; Wall 4B-17 - build outfall for Culvert 78; Wall 4B-19 - install verification test nails and excavate cut slope 1:1; Wall ECC-37 - survey soldier pile wall, drill shafts, install H-piles and install lagging
- NE Points Dr. and 108th area: 108th Ave NE Pier 3 - fabricate cages and install pier 3 shafts; stream exclusion for Culverts D and E
- To date, there are 148 NCIs issued by WSDOT QV, 103 of which are resolved. There was a rise in NCI's related to the Design-Builder's Quality processes, work plans and construction activity. There are 161 NCRs issued by the Design-Builder QA, 136 of

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- Published new corridor wall webpage and mailed related postcard to about 350 corridor neighbors
- Distributed electronic flyer via email and Web regarding August 4th closure of 92nd Ave NE eastbound freeway transit stop.

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	42	1	43
<b>Minor Environmental Event</b>	116	0	116

#### Event/Mitigation:

- One ECAP this week. Crews excavating for Wall 4B-19 cut into an existing culvert containing a small stream causing turbid water to enter the downstream reach of the stream.

## RISKS

Top 3 Risks	Potential Dollar Value	Potential Schedule Impact
1 Redesign of Fairweather Bay Basin to match Shoreline permit Exhibits (schedule delay)	\$4.5M-\$9M	1-3 Months
2 Noise Wall change orders	\$1.2M - \$16.5M	TBD
3 Geotech issues	\$10-19M	TBD

### Mitigation Activities

- 1 WSDOT and ECC negotiating and equitable adjustment for the work included in the Fairweather Bay change order.
- 2 WSDOT and ECC will be negotiating the addition construction cost to noise walls that will be modified as its released in NDCs for walls between Evergreen Point Road 92nd Ave NE.
- 3 Ongoing discussions between WSDOT and ECC regarding the Geotech design of walls in the vicinity of Bellevue Way I/C, including lateral spreading design, Qpgl and global stability. The discussion includes using the LRFD 2012 guidelines. ECC submitted letters notifying WSDOT with additional cost in excess of \$17M and potential schedule delay (that will be evaluated for entitlement). WSDOT and ECC escalated the disputed geotech issues to their executives and recommended presenting the Qpgl and the Pseudo Static Loading to the DRB in the first week of October.

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	1/0	0/0	2/0
<b>Contract Days without an Incident</b>			<b>456/210</b>

## SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	12/2/2014**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	10/25/2013**

\*Contract Milestones

\*\*According to the draft monthly progress working schedule for July 2012

Mitigation: WSDOT and ECC are collaborating to identify solutions to bring the Evergreen Point Area Work milestone back on schedule. The schedule update shows potential delay for meeting the Contract's milestones at Evergreen Point Road (ECC is evaluating options) and will be coordinating with the FB&L Project through WSDOT

## FORECAST

### Planned for Next Week

- Ongoing fabricating of Fish Passage Culverts D-G and noise wall barriers, and concrete girders
- Finalizing the noise wall design to modify the height that is required to meet WSDOT commitments to the communities, this work is currently been tracked for payment as time and material to paid in a force account change order and separate change orders for the construction of these walls, as they finalize the design and release it for construction
- Ongoing utility work at the 84th Ave. NE Lid, 92nd Ave NE Lid, NE Points Drive Area and Bellevue Way areas
- At Evergreen Point Road Lid: pier 1 slope - excavation Wall 3-26, set forms and pour concrete for portal columns on the East portion of Pier 1; CIP Deck - continue to install rebar for pour #5; continue construct Wall RE-01/drainage, finish grade for moment slab; mainline shift 3 - south portion
- At Fairweather Bay: Wall 3-28 - survey for and place panels; backfill and restore shoreline curb work; Pond I3 - excavate settlement basin; excavate pond J final and drainage to outfall
- At 84th Ave NE Lid: pier 2 - set forms and tie rebar for wall W2-3; Pier 3 west - pour concrete for footing and set forms, tie rebar and pour concrete for Wall W3-1; piers 1-3 - pour concrete for upper diaphragms for pour #4; Wall ECC-31 - set forms and pour concrete for wall, strip forms and backfill; Wall 3-20 - install panels and backfill; RE-02 construction
- At 92nd Ave NE: Wall 4B-02 - continue to set forms and pour concrete fascia panels & noise wall; east portion of the lid pier 1 - set forms and pour concrete footing for Wall E1-2; pier 2 - rat slab survey and structure excavation; CIP Deck - set forms and pour concrete west lid edge railing/curbs; Noise Wall 7B - build access into Wall 7B; Wall 4B-07 - tie rebar curtains and pour concrete for starter walls and fascia panels 1-9; Wall ECC-13 - place topsoil and compost; Wall ECC-08 - build bench and facing excavation, install rocks
- Bellevue Way NE Bridge: Wall 4B-17 - drill shafts and install H-Piles; Wall 4B-19 - continue to excavate cut slope 1:1, 1st face lift, drill/shotcrete 1st lift, proof test and verification test; excavate east side abutments at Bellevue Way; Wall 4B-33 and ECC-23 - drill shafts, install H-Piles and install lagging

- NE Points Dr. and 108th area: 108th Ave NE Pier 3 -continue to install pier 3 shafts; continue stream exclusion for Culverts D and E

**Planned for Next Three Months**

- Planning for August and September SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th areas
- Securing needed right of way

[<Construction Look-Ahead Link>](#)

[<Design Submittal - Link>](#)

## CHANGE MANAGEMENT

**Change Order Status**

- Ongoing discussions with ECC related to noise walls changes, and Geotechnical design assumptions
- WSDOT is developing the design to relocate the Points Loop trail to the south side of SR 520 and the striping and signing at the Medina Circle and Hawthorn Court that will be constructed by ECC by change orders
- Coordinating with the City of Bellevue storm sewer siphon line
- Coordinating with FBL for keeping the temporary construction access from EPR to SR 520 as part of the FBL MOT plan

## IMAGES



Setting forms and tying rebar for 92nd Ave NE Pier 1 Footing  
(facing west)



Drilling pier 3 shafts at 108th Ave NE  
(facing northwest)

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Fred Tharp  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 8/10/2012  
 Project: 7963/U52021A  
 Project Budget: \$320M  
 Project Cost to Date: \$154M

### SUMMARY NARRATIVE

#### This Week

- Ongoing Roadway, Structure, Hydraulic, Utilities, Landscape-Design, MOT Package and RFCs, as-builts, NDCs and FDCs submittals
- Finalizing the noise wall design to modify the height required to meet WSDOT commitments to communities, this work is currently being tracked for payment as time and material through executed change order 47, working with ECC to prioritize the NTP and the negotiation of these walls
- Ongoing fabrication of fish passage culverts, concrete barriers, noise wall barriers and pre-stressed concrete girders
- Ongoing utility work at the Evergreen Point Road Lid, 84th Ave NE and 92nd Ave NE I/C lids, NE Points Drive and Bellevue Way/108th Ave NE areas
- Planning for August 10-13 SR 520 - full weekend closure work: demolish the existing eastside of Bellevue Way Bridge, install culvert E, MOT switch for 108th Ave EB on-ramp, drainage and utility and ITS work along the corridor
- At Evergreen Point Road Lid: pier 1 slope - excavation Wall 3-26, set forms and pour concrete for portal columns on the East portion of Pier 1; continue to form upper diaphragms for pour #5; CIP Deck - continue to install rebar for pour #5; deck pour #5; continue construct Wall RE-01/drainage, finish grade for moment slab;
- At Fairweather Bay: Wall 3-30 - survey for and begin placing panels; backfill and restore shoreline curb work; Pond I3 - excavate settlement basin; excavate pond J final and drainage to outfall
- At 84th Ave NE Lid: pier 1 - rat slab survey; pier 2 - set forms and tie rebar for pier caps and wall W2-2; pier 3 west - set forms, tie rebar and pour concrete for walls W3-2 and W3-3; CIP Deck - cleanout closure pours, form east lid edge railing/curbs; Wall ECC-31 - install temp stormwater conveyance for pond I, full demob culvert B chitosan system, mob tire wash from 92nd south; Wall 3-20 - continue to install panels and backfill; RE-02 construction
- At 92nd Ave NE Lid: Wall 4B-01 - continue to procure materials and clean up/prep area; Wall 4B-02 - continue to set forms and pour concrete fascia panels & noise wall; east portion of the lid pier 1 -set forms and pour concrete footing for Wall E1-2; CIP Deck - set forms and pour concrete west lid edge railing/curbs; Wall 4B-07 - tie rebar curtains and pour concrete for starter walls and fascia panels 1-9; Wall ECC-13 - place topsoil and compost; Wall ECC-08 - build bench and facing excavation, install rocks
- Bellevue Way NE Bridge: Wall 4B-17 - drill shafts and install H-Piles; Wall 4B-19 - continue to excavate cut slope 1:1, 1st face lift, drill/shotcrete 1st lift, proof test and verification test; excavate east side abutments at Bellevue Way; Wall ECC-37 - install lagging
- NE Points Dr. and 108th area: 108th Ave NE Pier 3 -continue to install pier 3 shafts; continue stream exclusion for Culverts D and E
- To date, there are 159 NCIs issued by WSDOT QV, 104 of which are resolved. There was a rise in NCI's related to the Design-Builder's Quality processes, work plans and construction activity. There are 163 NCRs issued by the Design-Builder QA, 136 of which are resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- Extensive correspondence with local jurisdictions and elected officials regarding Aug 4th relocation of 92nd Ave NE eastbound flyer stop, and shuttle service implementation and revision.
- Notification provided to residents and elected officials regarding 5 week's of night work along NE Points Drive in Kirkland, beginning Aug. 14.
- WSDOT media availability regarding Regional traffic impacts due to weekend closures of SR 520, SR 167 and SR 9.

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
Non-Compliance Event	43	0	43
Minor Environmental Event	116	0	116

Event/Mitigation:

- No ECAPs for the week, but we did have another incident where a subcontractor was removing previously placed fill without an archaeological monitor present.

## RISKS

Top 3 Risks	Potential Dollar Value	Potential Schedule Impact
1 Redesign of Fairweather Bay Basin to match Shoreline permit Exhibits (schedule delay)	\$7.5M	NO
2 Noise Wall change orders	\$1.2M - \$16.5M	TBD
3 Geotech issues	\$10-19M	TBD

### Mitigation Activities

- 1 WSDOT and ECC negotiated an equitable adjustment for the work included in the Fairweather Bay permit, a change order will drafted to capture the terms and conditions of the agreed on cost.
- 2 WSDOT and ECC will be negotiating the addition construction cost to noise walls that will be modified as its released in NDCs for walls between Evergreen Point Road 92nd Ave NE.
- 3 Ongoing discussions between WSDOT and ECC regarding the Geotech design of walls in the vicinity of Bellevue Way I/C, including lateral spreading design, Qppl and global stability. The discussion includes using the LRFD 2012 guidelines. WSDOT and ECC agreed for the EOC to meet in October to determine if the issues could be resolved or to present it to the DRB

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	1/0	0/0	2/0
<b>Contract Days without an Incident</b>			456/210

## SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	10/29/2014**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	10/25/2013**

\*Contract Milestones

\*\*According to the final monthly progress working schedule for July 2012

Mitigation: WSDOT and ECC are collaborating to identify solutions to bring the Evergreen Point Area Work milestone back on schedule. The schedule update shows potential delay for meeting the Contract's milestones at Evergreen Point Road (ECC is evaluating options) and will be coordinating with the FB&L Project through WSDOT

## FORECAST

### Planned for Next Week

- Ongoing fabricating of Fish Passage Culverts D-G and noise wall barriers, and concrete girders
- Finalize the noise wall design to modify the height that is required to meet WSDOT commitments to the communities, WSDOT and ECC will quantify the change in these walls to strat the negotioation of a change order
- Ongoing utility work at the 84th Ave. NE Lid, 92nd Ave NE Lid, NE Points Drive Area and Bellevue Way areas
- August 10-13 SR 520 -Weekend closure work: demolish the existing eastside of Bellevue Way Bridge, install culvert E, MOT switch for 108th Ave EB on-ramp, drainage work along the corridor
- At Evergreen Point Road Lid: Portal Column Repair - strip forms; P4 repair - backfill repair cover weep holes; pier 1 - set forms and pour concrete for portal columns; CIP Deck - Pour concrete for deck, upper diaphragms and closure bay diaphragms 5; Wall RE-01 - finish grade for moment slab
- At Fairweather Bay: Wall 3-30 - place panels; Pond I3 - continue to excavate settlement basin; excavate install water main from 80th St.. To Fairweather Place
- At 84th Ave NE Lid: pier 2 - set forms and tie rebar for wall W2-3; Pier 3 west - pour concrete for footing and set forms, tie rebar and pour concrete for Wall W3-1; piers 1-3 - pour concrete for upper diaphragms for pour #4; Wall ECC-31 - set forms and pour concrete for wall, strip forms and backfill; Wall 3-20 - install panels and backfill; RE-02 construction
- At 92nd Ave NE: Wall 4B-01 - continue to procure materials; Wall 4B-02 - continue to set forms and pour concrete fascia panels & noise wall; east portion of the lid pier 1 -set forms and pour concrete footing for Wall E1-3; pier 2 - pour concrete for rat slab survey, set forms and tie rebar for footing, pier 2 structure ex; CIP Deck - set forms and pour concrete west lid edge railing/curbs; Noise Wall 7B - build access into Wall 7B; Wall 4B-07 - continue to pour concrete for fascia panels 1-9; Wall ECC-08 - install rocks; Wall ECC-09 - build bench and facing excavation, install rocks
- Bellevue Way NE Bridge: Wall 4B-17 - DMI to mob in, drill shafts and install H-Piles; Wall 4B-19 - continue to excavate cut slope 1:1, proof test, 2nd face lift, drill/shotcrete 2nd lift, proof test and verification test; construct drill pad for GIE shafts at pier 1; Wall ECC-37 - install oil water separators drainage and stream work

- NE Points Dr. and 108th area: 108th Ave NE Pier 3 -continue to install pier 3 shafts; continue stream exclusion for Culverts D and E

**Planned for Next Three Months**

- Planning for September SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th areas
- Securing needed right of way

[<Construction Look-Ahead Link>](#)

[<Design Submittal - Link>](#)

## CHANGE MANAGEMENT

**Change Order Status**

- Ongoing discussions with ECC related to noise walls changes, and Geotechnical design assumptions
- WSDOT is developing the design to relocate the Points Loop trail to the south side of SR 520 and the striping and signing at the Medina Circle and Hawthorn Court that will be constructed by ECC by change orders
- Coordinating with the City of Bellevue storm sewer siphon line

## IMAGES



Constructing leveling pad for Wall 3-30 at Fairweather Bay (facing west)



Excavation behind the old north abutment at Bellevue Way preparing for the old Bellevue Way Bridge demolition (facing west)

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Fred Tharp  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 8/17/2012  
 Project: 7963/U52021A  
 Project Budget: \$320M  
 Project Cost to Date: \$154M

### SUMMARY NARRATIVE

#### This Week

- August 10-13 SR 520 -Weekend closure work: demolish the existing eastside of Bellevue Way Bridge, install culvert E, MOT switch for 108th Ave EB on-ramp, drainage work along the corridor

#### Evergreen Point Road / Fairweather Bay (FWB) Areas

##### Lid

- Pier 4 repair work
- Continued under-lid lighting
- Portal column repair

- Ongoing diaphragm work
- Continued parking lot curb work
- FWB shoreline curb work

##### Walls

- Re-01 Wall construction and drainage
- 3-30: excavation, placing panels and backfill

##### Ponds

- Excavate Pond I settlement basin

#### 84th Ave. NE Area

##### Lid

- Pier 1 excavation
- Continued construction of Piers 2 and 3
- Continued work on the deck

##### Walls

- Continued construction of Culvert B Headwall ECC-31
- 3-20: panel installation and backfill

#### 92nd Ave. NE Area

##### Lid

- Continued excavation & construction of piers 1 & 2
- Continued lid edge railing and curb work

##### Walls

- 4B-02: continued fascia and noise wall panel installation
- 4B-01: procure materials for fascia and noise wall work
- 4B-07: continued fascia and noise wall panel installation
- ECC-08 & 09 facing excavation & rocks installation
- Noise wall 14: continued panel fabrication

#### Bellevue Way Area

##### Bridge

- Fabricate ground improvement element (GIE) shafts
- Excavation on eastside of Bellevue Way
- Continued work on the deck

##### Walls

- 4B-19: excavation, proof and verification tests
- ECC-37: soldier pile wall installation

#### 108th Ave NE Area

##### Bridge

- Continue installing drilled shafts

##### Stream

- Continued stream exclusion work from Culverts D to E

### Quality

- To date, there are 149 NCIs issued by WSDOT QV, 104 of which are resolved. There was a rise in NCI's related to the Design-Builder's Quality processes, work plans and construction activity. There are 166 NCRs issued by the Design-Builder QA, 136 of which are resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- Provided TV news interviews, together with NWR, to provide information about weekend closure, 8/10-8/13

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
Non-Compliance Event	43	2	45
Minor Environmental Event	116	0	116

Event/Mitigation:

- Two ECAP's for the week. #1 was discovery of underground storage tank #8 which is located at the intersection of 84th and 28th. Currently waiting on test results, but there was a strong petroleum odor at the discovery site. #2 is also ongoing. Both temporary by-pass culverts at FPS-E were crushed by equipment over the weekend closure causing a fairly continuous plume of turbid water downstream in Yarrow Creek. This will continue until Thursday (8/16) when the pipe repair(s) can be completed.

## RISKS

Top 3 Risks		Potential Dollar Value	Potential Schedule Impact
1	Redesign of Fairweather Bay Basin to match Shoreline permit Exhibits (schedule delay)	\$7.5M	NO
2	Noise Wall change orders	\$1.2M - \$16.5M	TBD
3	Geotech issues	\$10-19M	TBD

### Mitigation Activities

- 1 WSDOT and ECC negotiated an equitable adjustment for the work included in the Fairweather Bay permit, a change order to capture the terms and conditions of the agreed on cost is drafted and its in review by ECC and WSDOT.
- 2 WSDOT and ECC start negotiating the addition construction cost to noise walls that will be modified between Evergreen Point Road 92nd Ave NE.
- 3 ECC and WSDOT began the discussion of the contract requirement and to prepare for a mediation process to discuss the geotech disputed issues.

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	2/0	0/0	2/0
<b>Contract Days without an Incident</b>			456/210

## SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	10/29/2014**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	10/25/2013**

\*Contract Milestones

\*\*According to the final monthly progress working schedule for July 2012

Mitigation: WSDOT and ECC are collaborating to identify solutions to bring the Evergreen Point Area Work milestone back on schedule. The schedule update shows potential delay for meeting the Contract's milestones at Evergreen Point Road (ECC is evaluating options) and will be coordinating with the FB&L Project through WSDOT

## FORECAST

### Planned for Next Week

#### Evergreen Point Road (EPR)/ Fairweather Bay (FWB) Areas

##### Lid

- Continued under-lid lighting
- Portal column work - East portion of EPR Lid

##### Walls

- Re-01 Wall backfill
- 3-30: continued excavation, placing panels/backfill

- Continued diaphragm work

##### Ponds

- Continue excavating settlement basin
- Continue FWB shoreline curb work

#### 84th Ave. NE Area

##### Lid

- Continued pier 1 excavation
- Continued construction of all piers
- Continued lid edge railing work on the deck

##### Walls

- Continued construction of Culvert B Headwall ECC-31
- 3-20: continued panel installation and backfill

#### 92nd Ave. NE Area

##### Lid

- Continued excavation & construction of piers 1 & 2
- Continued Lid edge railing and curb work

##### Walls

- 4B-02: continued fascia and noise wall panel installation
- 4B-01: remob & resume fascia and noise wall work
- 4B-07: continued fascia and noise wall panel installation
- ECC-08 & 09 continued facing excavation & rocks install

- Noise wall 14: continued panel fabrication

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### Bellevue Way Area

#### Bridge

- Install ground improvement element (GIE) shafts
- Excavation on eastside of Bellevue Way
- Continued work on the deck

#### Walls

- 4B-19: construction
- ECC-37: soldier pile fascia installation
- ECC-33: survey, drill shafts and install H Piles
- ECC-23: survey work

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### 108th Ave NE Area

#### Bridge

- Continue installing drilled shafts

#### Stream

- Continued stream exclusion work from Culverts D to E
- Activate Culvert D

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### **Planned for Next Three Months**

- Planning for September and October SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th areas

- Securing needed right of way

[<Construction Look-Ahead Link>](#)

[<Design Submittal - Link>](#)

## CHANGE MANAGEMENT

### **Change Order Status**

- Ongoing discussions with ECC related to noise walls changes, and Geotechnical design assumptions
- WSDOT is developing the design to relocate the Points Loop trail to the south side of SR 520 and the striping and signing at the Medina Circle and Hawthorn Court that will be constructed by ECC by change orders
- Coordinating with the City of Bellevue storm sewer siphon line

## IMAGES



Demolition the east portion of the old Bellevue Way Bridge  
(facing west)



Installation of Culvert E east of Bellevue Way (facing northwest)

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Fred Tharp  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 8/24/2012  
 Project: 7963/U52021A  
 Project Budget: \$320M  
 Project Cost to Date: \$154M

### SUMMARY NARRATIVE

#### This Week

#### Evergreen Point Road / Fairweather Bay (FWB) Areas

##### Lid

- Pier 4 repair work
- Continued under-lid lighting
- Portal column repair

##### Walls

- Re-01: finish grade for moment slab and continue trench conduit backfill
- 3-30: excavation, placing panels and backfill

- Ongoing diaphragm work
- Continued parking lot curb work
- FWB shoreline curb work

##### Ponds

- Excavate Pond I3/Pond J settlement basin

#### 84th Ave. NE Area

##### Lid

- Pier 1 excavation, rat slab, form/rebar footing
- Continued construction of Piers 2 and 3
- constructing soffits, form edge railing/curbs

##### Walls

- Strip and backfill for Culvert B Headwall ECC-31
- 3-20: panel installation and backfill
- RE-02 construction

#### 92nd Ave. NE Area

##### Lid

- Continued construction of pier 1
- Continued lid edge railing and curb work

##### Walls

- 4B-02: continued fascia and noise wall panel installation
- 4B-01: procure materials for fascia and noise wall work
- 4B-07: continued fascia and noise wall panel installation
- ECC-08 facing excavation & rocks installation
- Noise wall 14: continued panel fabrication

#### Bellevue Way Area

##### Bridge

- Fabricate ground improvement element (GIE) shafts/rebar delivery
- Excavation to 70' GIE a Bellevue Way
- Relocate guardrail and barrier for T-ramp exit

##### Walls

- 4B-19: excavation, proof and verification tests
- ECC-37: soldier pile wall construction and fascia
- 4B-33: Demo existing wall and survey

#### 108th Ave NE Area

##### Bridge

- Continue installing drilled shafts
- Piers 1 and 2 drill pad construction

##### Stream

- Continued stream exclusion work from Culverts D to E
- Install Culvert D storm drainage phase 1 and activate culvert

### Quality

• As of August 22nd, there have been a total of 1377 audit observations conducted by WSDOT QV of the Design-Builder's quality processes, design plans, work plans and construction activity. The project total for NCI's is 149. Of those, 115 have been resolved. As of August 22nd, the Design builder's Quality Assurance (QA) team has issued a project total of 168 NCR's. Of those, 142 have been resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

• Mailed and emailed notice to FWB residents and local and state elected officials regarding extended work hours in Fairweather Basin. Announced online planned closures overnight 9/14 and weekend 9/21-9/24.

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	45	1	46
<b>Minor Environmental Event</b>	116	0	116

**Event/Mitigation:**

- One ECAP from last week. After repair of the crushed by-pass culvert at FPS-E, water quality standards were exceeded during reintroduction of the stream flow into the culvert.

**RISKS**

Top 3 Risks	Potential Dollar Value	Potential Schedule Impact
1 Redesign of Fairweather Bay Basin to match Shoreline permit Exhibits (schedule delay)	\$7.5M	NO
2 Noise Wall change orders	\$6.3M	NO
3 Geotech issues	\$10-19M	TBD

**Mitigation Activities**

- 1 WSDOT and ECC negotiated an equitable adjustment for the work included in the Fairweather Bay permit, a change order to capture the terms and conditions of the agreed on cost is drafted and its in review by ECC and WSDOT.
- 2 WSDOT and ECC start negotiating the addition construction cost to noise walls that will be modified between Evergreen Point Road 92nd Ave NE.
- 3 ECC and WSDOT began the discussion and the interpretation of the contract requirement if issues were not resolved at the Project level, WSDOT and ECC agreed to go through the mediation process to discuss the geotech disputed issues.

[<Risk Log Link>](#)

**SAFETY (WSDOT / ECC)**

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	2/0	0/0	2/0
<b>Contract Days without an Incident</b>			456/210

**SCHEDULE**

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	10/29/2014**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	10/25/2013**

\*Contract Milestones

\*\*According to the final monthly progress working schedule for July 2012

Mitigation: WSDOT and ECC are collaborating to identify solutions to bring the Evergreen Point Area Work milestone back on schedule. The schedule update shows potential delay for meeting the Contract's milestones at Evergreen Point Road (ECC is evaluating options) and will be coordinating with the FB&L Project through WSDOT

**FORECAST**

**Planned for Next Week**

**Evergreen Point Road (EPR)/ Fairweather Bay (FWB) Areas**

**Lid**

- Continued under-lid lighting & conduits
- Install temp lighting for MOT shift

**Walls**

- Form and pour 3-30 headwall
- 3-30: continued excavation, placing panels/backfill

**MOT shift**

- MOT demo/subgrade/CSBC

**Ponds**

- Excavate Pond J
- Continue FWB shoreline curb work

**84th Ave. NE Area**

**Lid**

- P1: Form, rebar, and pour footing
- Continued construction of all remaining piers for the west portion of the lid
- Install underlid lighting and conduits
- Continued lid edge railing work on the deck

**Walls**

- 4B-02 fascia and noise wall - pour and form
- 3-19: Excavation and soil nail procurement
- Continued RE-02 construction

**92nd Ave. NE Area**

**Lid**

- Continued construction of piers 1 & 2
- Construction on ECC-18

**Walls**

- 4B-02: continued fascia installation
- 4B-01: rebar and form noise walls
- 4B-07: continued fascia installation
- ECC-08 & 09 continued facing excavation & rocks install
- Noise wall 14: continued panel fabrication

**Bellevue Way Area**

**Bridge**

- Install ground improvement element (GIE) shafts
- Excavation on eastside of Bellevue Way
- Malcolm mob Pier 1

**Walls**

- 4B-19: construction
- ECC-37: soldier pile fascia installation
- 4B-33: survey, drill shafts and install H Piles
- ECC-23: survey work

**108th Ave NE Area**

**Bridge**

- Continue installing Pier 3 shafts
- Continue utility work

**Planned for Next Three Months**

- Planning for September and October SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th areas
- Securing needed right of way

[<Construction Look-Ahead Link>](#)

[<Design Submittal - Link>](#)

**CHANGE MANAGEMENT**

**Change Order Status**

- Ongoing discussions with ECC related to Geotechnical design assumptions
  - WSDOT is developing the design to relocate the Points Loop trail to the south side of SR 520 and the striping and signing at the Medina Circle and Hawthorn Court that will be constructed by ECC by change orders
  - Coordinating with the City of Bellevue storm sewer siphon line, cul-de-sac work at 103ed Ace and signing at Northup way and 108th and Bellevue Way.
- Reviewing and processing DBIC changes .

**IMAGES**



Clean up of Bellevue Way bridge demolition debris



Ongoing Construction of Piers 2 and 3 at 84th Ave. NE

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Fred Tharp  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 8/31/2012  
 Project: 7963/U52021A  
 Project Budget: \$320M  
 Project Cost to Date: \$164M

### SUMMARY NARRATIVE

#### This Week

#### Evergreen Point Road / Fairweather Bay (FWB) Areas

##### Lid

- Ongoing diaphragm work
- Continued under-lid lighting

- Continued parking lot curb work

##### Walls

- 3-30: continued placing panels and backfill
- 3-30: excavate for Culvert A headwall

##### Ponds

- Excavate Pond I3/Pond J settlement basin
- Remove/replace shoreline curb

#### 84th Ave. NE Area

##### Lid

- Continued under-lid lighting
- Pier 1 set forms/rebar footing
- Continued construction of piers 2 and 3
- Construct NW portal columns

##### Walls

- 3-20: panel installation and backfill
- 3-19: excavation
- RE-02 construction

#### 92nd Ave. NE Area

##### Lid

- Continued construction of pier 1
- Continued construction of pier 2
- Continued lid edge railing and curb work

##### Walls

- 4B-02: continued fascia and noise wall panel installation
- 4B-01: procure materials for fascia and noise wall work
- 4B-07: continued fascia and noise wall panel installation
- ECC-08 & 09: facing excavation & rocks installation
- Noise wall 14: continued panel fabrication

#### Bellevue Way Area

##### Bridge

- Fabricate ground improvement element (GIE) shafts/rebar delivery
- Excavation to 70' GIE a Bellevue Way
- Relocate guardrail and barrier for T-ramp exit

##### Walls

- 4B-19: continued excavation, proof and verification tests
- ECC-37: soldier pile wall construction and fascia
- 4B-24: begin building crane pad
- 4B-33: Demo existing wall and survey

#### 108th Ave NE Area

##### Bridge

- Continued installing drilled shafts
- Piers 1 and 2 drill pad construction

##### Stream

- Continued stream exclusion work from Culverts D to E

### Quality

• As of August 29nd, there have been a total of 1401 audit observations conducted by WSDOT QV of the Design-Builder's quality processes, design plans, work plans and construction activity. The project total for NCI's is 149. Of those, 116 have been resolved. The Design builder's Quality Assurance (QA) team has issued a project total of 172 NCR's. Of those, 145 have been resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- Met with Yarrow Point and Clyde hill regarding screening of 92nd Avenue Northeast lid-top utility cabinets
- Email and hard-copy notifications sent to residents, local and state elected officials regarding three weeks of night work at 92nd Avenue Northeast, beginning Sept. 4

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	46	0	46
<b>Minor Environmental Event</b>	116	0	116

**Event/Mitigation:**

- No ECAP's or other events for the week.

**RISKS**

Top 3 Risks	Potential Dollar Value	Potential Schedule Impact
1 Redesign of Fairweather Bay Basin to match Shoreline permit Exhibits (schedule delay)	\$7.5M	NO
2 Noise Wall change orders	\$6.3M	NO
3 Geotech issues	\$10-19M	TBD

**Mitigation Activities**

- 1 WSDOT and ECC negotiated an equitable adjustment for the work included in the Fairweather Bay permit, a change order to capture the terms and conditions of the agreed on cost is drafted and its in review by ECC and WSDOT.
- 2 WSDOT and ECC start negotiating the addition construction cost to noise walls that will be modified between Evergreen Point Road 92nd Ave NE.
- 3 ECC and WSDOT began the discussion and the interpretation of the contract requirement if issues where not resolved at the Project level, WSDOT and ECC agreed to go through the mediation process to discuss the geotech disputed issues.

[<Risk Log Link>](#)

**SAFETY (WSDOT / ECC)**

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	2/0	0/0	2/0
<b>Contract Days without an Incident</b>			456/210

**SCHEDULE**

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	10/29/2014**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	10/25/2013**

\*Contract Milestones

\*\*According to the final monthly progress working schedule for July 2012

Mitigation: Evergreen Milestone - C/O 3: All non-landscaping work will be completed by Nov 1, 2013. Landscaping will be completed prior to physical completion.

**FORECAST**

**Planned for Next Week**

**Evergreen Point Road (EPR)/ Fairweather Bay (FWB) Areas**

**Lid**

- Continue under-lid lighting & conduits
- Ongoing diaphragm work

**Walls**

- Form and pour 3-30 headwall
- 3-30: continue excavation, placing panels/backfill

**MOT shift**

- MOT demo/subgrade/CSBC

**Ponds**

- Continue excavating Pond J

**84th Ave. NE Area**

**Lid**

- P1: Form, rebar, and pour footing
- Continue construction of all remaining piers for the west portion of the lid
- Continue underlid lighting and conduits
- constructing soffits, form edge railing/curbs

**Walls**

- 4B-02: continue fascia and noise wall - pour and form
- 3-19: excavation and soil nail procurement
- Continued RE-02 construction

**92nd Ave. NE Area**

**Lid**

- Continue construction of piers 1 & 2

**Walls**

- 4B-02: continued fascia installation

- Construction on ECC-18

- 4B-01: rebar and form noise walls
- 4B-07: continue fascia installation
- ECC- 09 continue facing excavation & rocks install
- Noise wall 14: continue panel fabrication

**Bellevue Way Area**

**Bridge**

- Install ground improvement element (GIE) shafts
- Excavation on eastside of Bellevue Way
- Malcolm mob Pier 1

**Walls**

- 4B-19: construction
- ECC-37: soldier pile fascia installation
- 4B-33: survey, drill shafts and install H Piles
- ECC-23: survey work

**108th Ave NE Area**

**Bridge**

- CSL testing pier 3 shafts
- Continue utility work

**MOT shift**

- Embank for MOT Shift - 108th Ave. Stage 4

**Planned for Next Three Months**

- Planning for September and October SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th areas
- Securing needed right of way

[<Construction Look-Ahead Link>](#)

[<Design Submittal - Link>](#)

**CHANGE MANAGEMENT**

**Change Order Status**

- Ongoing discussions with ECC related to Geotechnical design assumptions
  - WSDOT is developing the design to relocate the Points Loop trail to the south side of SR 520 and the striping and signing at the Medina Circle and Hawthorn Court that will be constructed by ECC by change orders
  - Coordinating with the City of Bellevue storm sewer siphon line, cul-de-sac work at 103ed Ace and signing at Northup way and 108th and Bellevue Way.
- Reviewing and processing DBIC changes .

**IMAGES**



Wall 3-30 Construction at Fairweather Bay (facing east)



Ongoing Construction of Piers 1 at 92nd Ave. NE (facing southwest)

[<LINK TO RFI LOG>](#)

[<LINK TO SUBMITTAL LOG>](#)

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Fred Tharp  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubbeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 9/7/2012  
 Project: 7963/U52021A  
 Project Budget: \$320M  
 Project Cost to Date: \$164M

### SUMMARY NARRATIVE

#### This Week

#### Evergreen Point Road / Fairweather Bay (FWB) Areas

##### Lid

- Ongoing diaphragm work
- Continued under-lid lighting

##### Walls

- 3-30: continued placing panels and backfill
- 3-30: excavate for Culvert A headwall

##### MOT shift

- MOT demo/subgrade/CSBC

##### Ponds

- Excavate Pond I3/Pond J settlement basin
- Remove/replace shoreline curb

#### 84th Ave. NE Area

##### Lid

- Continued under-lid lighting
- Pier 1 wall - set forms/rebar
- Continued construction of pier 3
- Construct NW portal columns

##### Walls

- 3-20: panel installation and backfill
- RE-02 construction

#### 92nd Ave. NE Area

##### Lid

- Continued construction of pier 1
- Continued construction of pier 2
- Continued lid edge railing and curb work

##### Walls

- 4B-02: continued fascia and noise wall panel installation
- 4B-01: form panels for fascia and noise wall work
- 4B-07: continued fascia and noise wall panel installation
- ECC-08 & 09: facing excavation & rocks installation
- Noise wall 14: continued panel fabrication

#### Bellevue Way Area

##### Bridge

- Continued fabricating ground improvement element (GIE) shafts/rebar delivery
- Continued excavation to 70' GIE a Bellevue Way
- Relocate guardrail and barrier for T-ramp exit

##### Walls

- 4B-19: proof and verification tests
- ECC-37: soldier pile wall construction and fascia
- 4B-24: shaft rebar and mob in

##### Stream

- Continued stream exclusion work from Culverts D to E

#### 108th Ave NE Area

##### Bridge

- Continued installing drilled shafts

##### Walls

- 4B-33: drill shafts and install H-piles and lagging

### QUALITY

• As of September 5th, there have been a total of 1415 audit observations conducted by WSDOT QV of the Design-Builder's quality processes, design plans, work plans and construction activity. The project total for NCI's is 149. Of those, 116 have been resolved. The Design builder's Quality Assurance (QA) team has issued a project total of 178 NCR's. Of those, 147 have been resolved.

## INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- 8/30: Notified the public via email and Web about weekend-long closure of 108th Avenue Northeast on-ramp 9/7-10
- Continued responding to public comments regarding project construction, including those pertaining to nighttime work, wall construction and rock-chip damage claims

## ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	46	0	46
<b>Minor Environmental Event</b>	116	0	116

**Event/Mitigation:**

- No ECAP's or other events for the week.

## RISKS

Top 3 Risks	Potential Dollar Value	Potential Schedule Impact
1 Redesign of Fairweather Bay Basin to match Shoreline permit Exhibits (schedule delay)	\$7.5M	NO
2 Noise Wall change orders	\$6.3M	NO
3 Geotech issues	\$10-19M	TBD

**Mitigation Activities**

- 1 FB change order scheduled for execution week of Sept 10th.
- 2 Noise Wall change order scheduled for execution week of Sept 10th.
- 3 On track for Oct 11th EOC presentation for issues papers.

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	2/0	0/0	2/0
<b>Contract Days without an Incident</b>			456/210

## SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	9/15/2014**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	3/24/2014**

\*Contract Milestones

\*\*According to the draft monthly progress working schedule for August 2012

Mitigation: Evergreen Milestone - C/O 3: All non-landscaping work will be completed by Nov 1, 2013. Landscaping will be completed prior to physical completion.

## FORECAST

**Planned for Next Week**

**Evergreen Point Road (EPR)/ Fairweather Bay (FWB) Areas**

**Lid**

- Continue under-lid lighting & conduits

**MOT shift**

- Continue MOT demo/subgrade/CSBC

**Walls**

- Form and pour 3-30 headwall
- 3-30: continue excavation, placing panels/backfill
- 3-14: connect drainage to DR3-28

**Ponds**

- Continue excavating Pond J

**84th Ave. NE Area**

**Lid**

- P1: Form, rebar, and pour footing
- Final mob out of Piers 2 and 3
- Continue underlid lighting and conduits
- constructing soffits, form edge railing/curbs

**Walls**

- 4B-02: continue fascia and noise wall - pour and form
- 3-19: excavation and verification test
- Continued RE-02 construction

**92nd Ave. NE Area**

**Lid**

- Continue construction of piers 1 & 2

**Walls**

- 4B-02: continued fascia installation

- Construction on ECC-18

- 4B-01: set forms and pour concrete for noise walls
- 4B-07: continue fascia and noise wall installation
- ECC- 08 & 09 continue facing excavation & rocks install
- NW 7B: drill shaft, form/pour terminal column shaft cap
- Noise wall 14: continue panel fabrication

**Bellevue Way Area**

**Bridge**

- Install ground improvement element (GIE) shafts
  - Build drill pad for pier 1 shafts
- Pedestrian Creek Crossing - Pier 2 footing

**Walls**

- 4B-19: mob batch plant - soil improvements
- ECC-37: soldier pile fascia installation
- 4B-24: mob in for work
- 4B-60: survey, drill shafts and install H Piles
- ECC-23: drill shafts and install H Piles

**108th Ave NE Area**

**Bridge**

- Drilled shafts anomaly correction
- Excavate shaft cap

**MOT shift**

- Embank for MOT Shift - 108th Ave. Stage 4

**Walls**

- 4B-33: survey, drill shafts and install H Piles

**Planned for Next Three Months**

- Planning for September and October SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th areas
- Securing needed right of way

[<Construction Look-Ahead Link>](#)

[<Design Submittal - Link>](#)

**CHANGE MANAGEMENT**

**Change Order Status**

- Ongoing discussions with ECC related to Geotechnical design assumptions
- WSDOT is developing the design to relocate the Points Loop trail to the south side of SR 520 and the striping and signing at the Medina Circle and Hawthorn Court that will be constructed by ECC by change orders
- Coordinating with the City of Bellevue storm sewer siphon line, cul-de-sac work at 103ed Ace and signing at Northup way and 108th and Bellevue Way.

Reviewing and processing DBIC changes .

**IMAGES**



Continued work on Wall 4B-02 (facing northwest)



Ongoing Construction of Pier 2 at 92nd Ave. NE (facing east)

[<LINK TO RFI LOG>](#)

[<LINK TO SUBMITTAL LOG>](#)

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Fred Tharp  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 9/14/2012  
 Project: 7963/U52021A  
 Project Budget: \$320M  
 Project Cost to Date: \$164M

### SUMMARY NARRATIVE

#### This Week

#### Evergreen Point Road / Fairweather Bay (FWB) Areas

##### Lid

- Form/Pour Lid Edge Rail / Curbs
- Continued under-lid lighting

##### Walls

- 3-30: Continued placing panels and backfill
- 3-30: Culvert A Headwall / Conduit ITS

##### MOT shift

- MOT Subgrade / CSBC (North)

##### Ponds

- Excavate Pond I3/Pond J settlement basin
- Remove/Replace shoreline curb

#### 84th Ave. NE Area

##### Lid

- Continued under-lid lighting
- Pier 1 Wall 1-1 Form/Pour
- Form/Pour Lid Edge Rail / Curbs
- Backfill Pier 1 / Continued construction of Pier 3

##### Walls

- 3-20 / Soil Amendment
- RE-02 Construction
- Wall 3-19 / Excavation
- Wall 4B-01 / 4B-02 Form / Pour Panels

#### 92nd Ave. NE Area

##### Lid

- Continued construction of Pier 1
- Continued construction of Pier 2

##### EB Ramp

- Wall 7B - Drill / Rebar / Pour Shafts

##### WB Ramp

- Wall 14 / ECC-8/9/13
- 4B-07: Continued fascia and noise wall panel installation
- NW 14 Continued Panel Fab

#### Bellevue Way Area

##### Bridge

- Drilled Shafts - Pier 1

##### Stream

- Culverts D to E / Pipe Protection and Soil Amend.
- Ped Creek Crossing - Pier 2

##### Walls

- 4B-17: Excavation
- 4B-19: Soil Improvements
- 4B-24: Drilled Shafts / Utility
- 4B-60: Drilled Shafts / Lagging

#### 108th Ave NE Area

##### Bridge

- Continue Drill Shafts / H Pile

##### WB Off Ramp

- Embank for MOT Shift Phase 4

##### Walls

- 4B-33: Drill Shafts / H-piles

### QUALITY

As of September 12th - There have been a total of 1431 audit observations conducted by WSDOT QV of the Design-Builder's Quality processes, design plans, work plans & construction activity. The project total for NCI's is 149. Of those, 116 have been resolved. As of September 12th - the Design-Builder's Quality Assurance (QA) team has issued a project total of 184 NCR's. Of those, 147 have been resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- 9/6: Traffic advisory regarding 9/7-10 closure of 108th Avenue Northeast on-ramp to westbound SR 520
- 9/7: Email update regarding September SR 520 closures
- 9/12: Traffic advisory regarding 9/13-14 overnight closure of SR 520

## ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	46	1	46
<b>Minor Environmental Event</b>	116	0	116

**Event/Mitigation:**

- Turbidity exceedance at FPS D due to a high intensity rain event. Crews installed gravel bags to raise the upstream diversion dam to keep Yarrow Creek from overflowing into the work area.

## RISKS

Top 5 Risks		Potential Dollar Value	Potential Schedule Impact
1	Geotech issues	\$10-19M	8-12M
2	Redesign of Fairweather Bay Basin to Match Shoreline Permit	\$7.5M	NO
3	Fairweather Bay Lawsuit	\$7M	NO
4	Noise Wall change orders	\$6.3M	NO
5	Remaining Scope at 84th and 92nd	\$1.5M	NO

**Mitigation Activities**

1	On track for Oct 11th EOC presentation for issues papers.
2	Change order scheduled for execution week of Sept 17th.
3	On-Going Coordination with AG's Office
4	Noise Wall change order scheduled for execution week of Sept 17th.
5	Design being finalized. Pricing once RFCs have been issued.

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	2/0	0/0	2/0
<b>Contract Days without an Incident</b>			463/217

## SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	9/15/2014**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	09/09/2013**

\*Contract Milestones

\*\*Based on August 2012 Schedule Update.

Evergreen Milestone - Work will be complete by 9/30/2013 with the except of CO deferred items: Barrier Work, Final Asphalt Lift, Transit Station Finishes and Park and Ride. CO to be completed by Nov 2013. Landscaping will be completed prior to physical completion.

## FORECAST

**Planned for Next Week**

**Evergreen Point Road / Fairweather Bay (FWB) Areas**

**Lid**

- Form/Pour Lid Edge Rail / Curbs
- Continued under-lid lighting

**Mainline WB**

- MOT Subgrade / CSBC (North)

**Mainline EB**

- ITS Pads

**84th Ave. NE Area**

**Lid**

- Continued under-lid lighting
- Pier 1 Wall 1-2 Form/Pour
- Pier 2 - Pier Cap 1
- Continued construction of Pier 3

**Walls**

- Wall 3-19 / Excavation
- Wall 4B-01 Panels
- Wall 4B-02 Panels

**92nd Ave. NE Area**

**Lid**

- Continued construction of Pier 1
- Continued construction of Pier 2

**EB Ramp**

- Wall 7B - Top Soil

**WB Ramp**

- Wall 9
- 4B-07: Continued fascia and noise wall panel installation
- NW 14 Continued Panel Fab
- Ped Path

**Bellevue Way Area**

**Bridge**

- Pier 1 - Drilled Shafts
- Pier 2 - Rebar / Shaft Fabrication

**Stream / Utility Work**

- Vault Near 4B-76 / Culvert 78
- Culv. D to E / Pipe Protection / Ped Cross #2 P2

**Walls**

- 4B-19: Mob batch plant - soil improvements
- 4B-17: Excavate Slope
- 4B-24: Mob in for work
- 4B-60: Form / Place / Pour

**108th Ave NE Area**

**Bridge**

- Continue Drill Shafts / H Pile

**WB Off Ramp**

- Embank for MOT Shift Phase 4

**Walls**

- 4B-33: Drill Shafts / H-piles

**Planned for Next Three Months**

- Planning for September and October SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th Areas
- Securing Needed Right of Way

[<Construction Look-Ahead Link>](#)

[<Design Submittal - Link>](#)

**CHANGE MANAGEMENT**

**Change Order Status**

- Ongoing discussions with ECC related to Geotechnical design assumptions
- Finalizing COs for Fairweather Bay and Noisewalls

**IMAGES**



[<LINK TO RFI LOG>](#)

[<LINK TO SUBMITTAL LOG>](#)

# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Fred Tharp  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 9/21/2012  
 Project: 7963/U52021A  
 Project Budget: \$320M  
 Project Cost to Date: \$164M

### SUMMARY NARRATIVE

#### This Week

##### Evergreen Point Road / Fairweather Bay (FWB) Areas

###### Lid

- Form/Pour Lid Edge Rail / Curbs
- Continued under-lid lighting

###### Mainline WB

- MOT Subgrade / CSBC (North)

###### Mainline EB

- ITS Pads

##### 84th Ave. NE Area

###### Lid

- Continued under-lid lighting
- Pier 1 Wall 1-2 Form/Pour
- Pier 2 - Pier Cap 1
- Continued construction of Pier 3

###### Walls

- Wall 3-19 / Excavation
- Wall 4B-01 Panels
- Wall 4B-02 Panels

##### 92nd Ave. NE Area

###### Lid

- Continued construction of Pier 1
- Continued construction of Pier 2

###### EB Ramp

- Wall 7B - Top Soil

###### WB Ramp

- Wall 9
- 4B-07: Continued fascia and noise wall panel installation
- NW 14 Continued Panel Fab
- Ped Path

##### Bellevue Way Area

###### Bridge

- Pier 1 - Drilled Shafts
- Pier 2 - Rebar / Shaft Fabrication

###### Stream / Utility Work

- Vault Near 4B-76 / Culvert 78
- Culv. D to E / Pipe Protection / Ped Cross #2 P2

###### Walls

- 4B-19: Mob batch plant - soil improvements
- 4B-17: Excavate Slope
- 4B-24: Mob in for work
- 4B-60: Form / Place / Pour

##### 108th Ave NE Area

###### Bridge

- Continue Drill Shafts / H Pile

###### WB Off Ramp

- Embank for MOT Shift Phase 4

###### Walls

- 4B-33: Drill Shafts / H-piles

### QUALITY

As of September 19th - There have been a total of 1470 audit observations conducted by WSDOT QV of the Design-Builder's Quality processes, design plans, work plans & construction activity. The project total for NCI's is 152. Of those, 116 have been resolved. The Design-Builder's Quality Assurance (QA) team has issued a project total of 188 NCR's. Of those, 149 have been resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- 9/6: Traffic advisory regarding 9/7-10 closure of 108th Avenue Northeast on-ramp to westbound SR 520
- 9/7: Email update regarding September SR 520 closures
- 9/12: Traffic advisory regarding 9/13-14 overnight closure of SR 520

## ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	46	1	46
<b>Minor Environmental Event</b>	116	0	116

Event/Mitigation:

## RISKS

Top 5 Risks		Potential Dollar Value	Potential Schedule Impact
1	Geotech issues	\$10-19M	8-12M
2	Redesign of Fairweather Bay Basin to Match Shoreline Permit	\$7.5M	NO
3	Fairweather Bay Lawsuit	\$7M	NO
4	Noise Wall change orders	\$6.3M	NO
5	Remaining Scope at 84th and 92nd	\$1.5M	NO

Mitigation Activities

1	On track for Oct 11th EOC presentation for issues papers.
2	Change order scheduled for execution week of Sept 24th.
3	On-Going Coordination with AG's Office
4	Noise Wall change order scheduled for execution week of Sept 24th.
5	Design being finalized. Pricing once RFCs have been issued.

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	2/0	0/0	2/0
<b>Contract Days without an Incident</b>			463/217

## SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	9/15/2014**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	11/25/2013**

\*Contract Milestones

\*\*Based on August 2012 Schedule Update.

Evergreen Milestone - Work will be complete by 9/30/2013 with the except of CO deferred items: Barrier Work, Final Asphalt Lift, Transit Station Finishes and Park and Ride. CO to be completed by Nov 2013. Landscaping will be completed prior to physical completion.

## FORECAST

**Planned for Next Week**

**Evergreen Point Road / Fairweather Bay (FWB) Areas**

**Lid**

- Form/Pour Lid Edge Rail / Curbs
- Continued under-lid lighting

**Mainline WB**

- MOT Subgrade / CSBC (North)

**Mainline EB**

- ITS Pads

**Fairweather Bay**

- Maintenance Road

**84th Ave. NE Area**

**Lid**

- Continued under-lid lighting
- Pier 3 Repairs

**Mainline**

Subgrade work

**Walls**

- Wall 3-19 / Excavation
- Wall 4B-01 Form/ Pour Panels
- Wall 4B-02 Form/ Pour Panels

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### 92nd Ave. NE Area

#### Lid

- Continued construction of Pier 1
- Continued construction of Pier 2

#### Walls

- Rock Wall ECC-09
- 4B-07: Continued fascia and noise wall panel installation
- NW 14 Continued Panel Fab
- Ped Path

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### Bellevue Way Area

#### Bridge

- Pier 1 - Drilled Shafts
- Pier 2 - Rebar / Shaft Fabrication

#### Stream / Utility Work

- Culv. D to E / Ped Cross #2 P2

#### Walls

- 4B-19: Deep Soil Mixing
- 4B-17: Drilled Shafts
- 4B-24: Drilled Shafts and Rebar Delivery
- 4B-60: Form / Place / Pour

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### 108th Ave NE Area

#### Bridge

- Continue Drill Shafts / H Pile

#### WB Off Ramp

- Excavate for 4B-35

#### Walls

- 4B-33: Panels
- ECC-23 and ECC-37

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### **Planned for Next Three Months**

- Planning for September and October SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th Areas
- Securing Needed Right of Way

## CHANGE MANAGEMENT

### Change Order Status

- Ongoing discussions with ECC related to Geotechnical design assumptions
- Finalizing COs for Fairweather Bay and Noisewalls

## IMAGES





# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Fred Tharp  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

### Estimate to Complete

Week Ending: **9/28/2012**  
 Project: 7963/U52021A  
 Project Budget: \$320M  
 Project Cost to Date: \$178M

## SUMMARY NARRATIVE

### This Week

#### Evergreen Point Road / Fairweather Bay (FWB) Areas

##### Lid

- Form/Pour Lid Edge Rail / Curbs
- Continued under-lid lighting

##### Mainline WB

- MOT Subgrade / CSBC (North)

##### Mainline EB

- ITS Pads

#### 84th Ave. NE Area

##### Lid

- Continued under-lid lighting
- Pier 1 Wall 1-2 Form/Pour
- Pier 2 - Pier Cap 1
- Continued construction of Pier 3

##### Walls

- Wall 3-19 / Excavation
- Wall 4B-01 Panels
- Wall 4B-02 Panels

#### 92nd Ave. NE Area

##### Lid

- Continued construction of Pier 1
- Continued construction of Pier 2

##### EB Ramp

- Wall 7B - Top Soil

##### WB Ramp

- Wall 9
- 4B-07: Continued fascia and noise wall panel installation
- NW 14 Continued Panel Fab
- Ped Path

#### Bellevue Way Area

##### Bridge

- Pier 1 - Drilled Shafts
- Pier 2 - Rebar / Shaft Fabrication

##### Stream / Utility Work

- Vault Near 4B-76 / Culvert 78
- Culv. D to E / Pipe Protection / Ped Cross #2 P2

##### Walls

- 4B-19: Mob batch plant - soil improvements
- 4B-17: Excavate Slope
- 4B-24: Mob in for work
- 4B-60: Form / Place / Pour

#### 108th Ave NE Area

##### Bridge

- Continue Drill Shafts / H Pile

##### WB Off Ramp

- Embank for MOT Shift Phase 4

##### Walls

- 4B-33: Drill Shafts / H-piles

## QUALITY

As of September 26th - There have been a total of 1472 audit observations conducted by WSDOT QV of the Design-Builder's Quality processes, design plans, work plans & construction activity. The project total for NCI's is 153. Of those, 119 have been resolved. The Design-Builder's Quality Assurance (QA) team has issued a project total of 196 NCR's. Of those, 152 have been resolved.

## INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- 9/20: Media advisory regarding 9/21 media availability
- 9/21: Media availability activities at 108th Avenue NE, media advisory for 9/22 media availability
- 9/22: Media availability during weekend-long closure, staffed closure calls, posted construction photos on Flickr
- 9/24: Provided local radio station with interviews regarding Monday SR 520 opening

## ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	46	1	46
<b>Minor Environmental Event</b>	116	0	117

### Event/Mitigation:

No ECAPs for the week. There was one incident where a subcontractor was excavating a shallow trench for conduit in fill and failed to notify the archaeological monitor.

## RISKS

Top 5 Risks		Potential Dollar Value	Potential Schedule Impact
1	Geotech issues	\$10-19M	8-12M
2	Redesign of Fairweather Bay Basin to Match Shoreline Permit	\$7.5M	No
3	Fairweather Bay Lawsuit	\$7M	No
4	Noise Wall change orders	\$6.3M	No
5	Remaining Scope at 84th and 92nd	\$1.5M	No

### Mitigation Activities

1	On track for Oct 11th EOC presentation for issues papers.
2	Change order scheduled for execution week of Sept 24th.
3	On-Going Coordination with AG's Office
4	Noise Wall change order scheduled for execution week of Sept 24th.
5	Design being finalized. Pricing once RFCs have been issued.

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	2/0	0/0	2/0
<b>Contract Days without an Incident</b>			463/217

## SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	9/15/2014**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	11/25/2013**

\*Contract Milestones

\*\*Based on August 2012 Schedule Update.

Evergreen Milestone - Work will be complete by 9/30/2013 with the except of CO deferred items: Barrier Work, Final Asphalt Lift, Transit Station Finishes and Park and Ride. CO to be completed by Nov 2013. Landscaping will be completed prior to physical completion.

## FORECAST

### Planned for Next Week

#### Evergreen Point Road / Fairweather Bay (FWB) Areas

##### Lid

- Continued under-lid lighting
- Strip CIP Closure Pours

##### Mainline WB

- MOT Subgrade / CSBC (North)

##### Fairweather Bay

- Maintenance Road

##### Walls

- Wall 3-13

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### 84th Ave. NE Area

#### Lid

- Soffit / Pour / Strip CIP Deck
- Pier 3 Repairs

#### Mainline

Roadgrade and Subgrade work

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#### Walls

- Wall 3-19 / Excavation
  - Wall 4B-01 Form/ Pour Panels
  - Wall 4B-02 Form/ Pour Panels
  - Wall ECC-55
- 

### 92nd Ave. NE Area

#### Lid

- Continued construction of Pier 2

#### Walls

- Wall ECC-18
  - 4B-07: Continued fascia and noise wall panel installation
  - NW 14 Continued Panel Fab
  - Ped Path
  - Rock Wall 4B-14
- 

### Bellevue Way Area

#### Bridge

- Pier 1 - Shaft Cap and Abutment Wall
- Pier 2 - Rebar / Shaft Fabrication
- Pier 3 - Rebar / Shaft Fabrication

#### Walls

- 4B-19: Deep Soil Mixing
  - 4B-17: Drilled Shafts
  - 4B-24: Drilled Shafts and Rebar Delivery
  - 4B-60: Form / Place / Pour
- 

### 108th Ave NE Area

#### Bridge

- Continue Drill Shafts / H Pile

#### WB Off Ramp

- Excavate for 4B-35

#### Walls

- 4B-33: Panels
  - ECC-23, 33 and ECC-37
- 

### **Planned for Next Three Months**

- Planning for October and November SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th Areas
- Securing Needed Right of Way

## CHANGE MANAGEMENT

### Change Order Status

- Ongoing discussions with ECC related to Geotechnical design assumptions
- COs for Fairweather Bay and Noisewalls have been completed and forwarded to HQ.

## IMAGES





# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Fred Tharp  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubbeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 10/5/2012  
 Project: 7963/U52021A  
 Project Budget: \$320M  
 Project Cost to Date: \$178M

### SUMMARY NARRATIVE

#### This Week

##### Evergreen Point Road / Fairweather Bay (FWB) Areas

###### Lid

- Continued under-lid lighting
- Strip CIP Closure Pours
- Prep for Girder Placement

###### Mainline WB

- MOT Subgrade / CSBC (North)

###### Fairweather Bay

- Maintenance Road

###### Walls

- Wall 3-13
- Wall 3-30

##### 84th Ave. NE Area

###### Lid

- Soffit / Pour / Strip CIP Deck
- Pier 3 Repairs

###### Mainline

Roadgrade and Subgrade work

###### Walls

- Wall 3-19 / Excavation
- Wall 4B-01 Form/ Pour Panels
- Wall 4B-02 Form/ Pour Panels
- Wall ECC-55

##### 92nd Ave. NE Area

###### Lid

- Continued construction of Pier 2

###### Walls

- Wall ECC-18
- 4B-07: Continued fascia and noise wall panel installation
- NW 14 Continued Panel Fab
- Ped Path
- Rock Wall 4B-14

##### Bellevue Way Area

###### Bridge

- Pier 1 - Shaft Cap and Abutment Wall
- Pier 2 - Rebar / Shaft Fabrication
- Pier 3 - Rebar / Shaft Fabrication
- Prep for Girder Placement

###### Walls

- 4B-19: Deep Soil Mixing
- 4B-17: Drilled Shafts
- 4B-24: Drilled Shafts and Rebar Delivery
- 4B-60: Form / Place / Pour

##### 108th Ave NE Area

###### Bridge

- Continue Drill Shafts / H Pile

###### WB Off Ramp

- Excavate for 4B-35

###### Walls

- 4B-33: Panels
- ECC-23, 33 and ECC-37

### QUALITY

As of October 3rd - There have been a total of 1481 audit observations conducted by WSDOT QV of the Design-Builder's Quality processes, design plans, work plans & construction activity. The project total for NCI's is 153. Of those, 122 have been resolved. (From Sept 24) The Design-Builder's Quality Assurance (QA) team has issued a project total of 196 NCR's. Of those, 152 have been resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

9/24 - 9/28 - Provided signs and distributed information regarding student drop-off locations for Metro's westbound freeway stop at 92nd Avenue Northeast.

## ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	46	1	46
<b>Minor Environmental Event</b>	116	0	117

**Event/Mitigation:**

No ECAPs for the week.

## RISKS

Top 5 Risks		Potential Dollar Value	Potential Schedule Impact
1	Geotech issues	\$10-19M	8-12M
2	Noisewall 6C	\$2M	1-3M
3	PCCP vs HMA Transit Lane	\$2M	No
4	84th Ave NE I/C and 92nd Ave NE I/C Remaining Work	\$2M	No
5	EGP Interface	\$2M	No

**Mitigation Activities**

1	On track for Oct 11th EOC presentation for issues papers.
2	Wall 6C in design
3	ECC directed to proceed with PCCP. On-going discussions with ECC.
4	Remaining scope in design.
5	Ongoing coordination with KGM, FB&L, local communities and Tolling Group.

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	2/0	0/0	2/0
<b>Contract Days without an Incident</b>			<b>463/217</b>

## SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	9/15/2014**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	11/25/2013**

\*Contract Milestones

\*\*Based on August 2012 Schedule Update.

Evergreen Milestone - Work will be complete by 9/30/2013 with the except of CO deferred items: Barrier Work, Final Asphalt Lift, Transit Station Finishes and Park and Ride. CO to be completed by Nov 2013. Landscaping will be completed prior to physical completion.

## FORECAST

**Planned for Next Week**

**Evergreen Point Road / Fairweather Bay (FWB) Areas**

**Lid**

- Continued under-lid lighting
- Form/Pour/Strip West Edge Rail
- Prep for Girder Placement / P4 Work

**Mainline EB**

- MOT Subgrade / CSBC (North)

**Fairweather Bay**

- Maintenance Road

**Walls**

- Wall 3-13
- Wall ECC-13

**84th Ave. NE Area**

**Lid**

- Prep for Girders

**Mainline**

Roadgrade and Subgrade work

**Walls**

- Wall 3-19 / Excavation
- Wall 4B-01 Form/ Pour Panels
- Wall 4B-02 Form/ Pour Panels
- Wall ECC-55

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### 92nd Ave. NE Area

#### Lid

- Continued construction of Pier 2

#### Walls

- Wall ECC-18
  - 4B-07: Continued fascia and noise wall panel installation
  - NW 14 Continued Panel Fab
  - 4B-35: Drill Shafts and H Pile
  - Rock Wall 4B-14
- 

### Bellevue Way Area

#### Bridge

- Pier 1 - Shaft Cap and Abutment Wall
- Pier 2 - Shafts / Columns / Cross Beam
- Pier 3 - Rebar / Shaft Fabrication
- Prep for Girder Placement

#### Walls

- 4B-19: Deep Soil Mixing
  - 4B-17/ ECC-35: Drilled Shafts
  - 4B-24: Drilled Shafts and Rebar Delivery
  - 4B-60/ECC-23,37 and 4B-33: Form / Place / Pour
  - 4B-16/ECC-50: Excavation
- 

### 108th Ave NE Area

#### Bridge

- Piers 2 and 3

#### WB Off Ramp

- Excavate for 4B-35

#### Walls

- 4B-33: Panels
  - ECC-23, 33 and ECC-37
- 

#### Planned for Next Three Months

- Planning for October and November SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th Areas
- Securing Needed Right of Way

## CHANGE MANAGEMENT

#### Change Order Status

- Ongoing discussions with ECC related to Geotechnical design assumptions

## IMAGES





# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Fred Tharp  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubbeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 10/12/2012  
 Project: 7963/U52021A  
 Project Budget: \$320M  
 Project Cost to Date: \$178M

### SUMMARY NARRATIVE

#### This Week

#### Evergreen Point Road / Fairweather Bay (FWB) Areas

##### Lid

- Continued under-lid lighting
- Pier 4 - west portion of lid - pull sheets and piles

##### Mainline WB

- Pave for MOT Shift/pavement markings

##### Fairweather Bay

- Pave maintenance road

##### Walls

- 3-13: Install shear studs
- 3-30: Phase 2 - dig out/form and pour leveling pad

#### 84th Ave. NE Area

##### Lid

- Backfill Pier 1
- Pier 3/ 3-18 bagwall construction
- Install barriers on deck

##### Mainline

- Subgrade from 84th Pier 1 to 4B-01

##### Walls

- 3-19: Continued excavation
- 4B-01: Continued Forming/ Pouring Panels
- 4B-02: Continued Forming/ Pouring Panels
- ECC-55: Tie rebars/set forms

#### 92nd Ave. NE Area

##### Lid

- Continued construction of Pier 2

##### Walls

- ECC-18: Set forms/tie rebar for footing
- 4B-07: Install underdrain and backfill
- NW 14: Continued Panel Fab
- Ped Path
- 4B-14: Benching/facing excavation, install rocks

#### Bellevue Way Area

##### Bridge

- Pier 1 - Shaft Cap and Abutment Wall
- Pier 2 - Install drilled shafts/CSL testing
- Pier 3 - Rebar / Shaft Fabrication

##### Walls

- 4B-19: Deep Soil Mixing
- 4B-17: Drilled Shafts
- 4B-24: Drilled Shafts and Rebar Delivery
- 4B-60: Form / Place / Pour
- 4B-28: Build bag wall

#### 108th Ave NE Area

##### Bridge

- Pier 2 Shafts/column rebar delivery
- Pier 3 Shafts anomaly repair

##### Walls

- 4B-33: Panels
- ECC-23, 33 and ECC-37: install sheer studs and rebar

### QUALITY

As of October 10th - There have been a total of 1496 audit observations conducted by WSDOT QV of the Design-Builder's Quality processes, design plans, work plans & construction activity. The project total for NCI's is 153. Of those, 127 have been resolved. The Design-Builder's Quality Assurance (QA) team has issued a project total of 207 NCR's. Of those, 164 have been resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

Responded to public comments and questions. Provided construction and traffic information via the project website.

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	46	1	47
<b>Minor Environmental Event</b>	116	0	117

**Event/Mitigation:**

One ECAP from last Thursday: One cutthroat trout was found dead in Yarrow Creek at the conclusion of in-water works activities. Yarrow Creek is now flowing in 1,300 feet of its new channel from the inlet of FPS-E downstream to the match point with the existing creek west of NE Points Drive.

**RISKS**

Top 5 Risks	Potential Dollar Value	Potential Schedule Impact
1 <a href="#">Geotech issues</a>	\$10-19M	8-12M
2 <a href="#">Noise wall 6C</a>	\$2M	1-3M
3 <a href="#">PCCP vs HMA Transit Lane</a>	\$2M	No
4 <a href="#">84th Ave NE I/C and 92nd Ave NE I/C Remaining Work</a>	\$2M	No
5 <a href="#">EGP Interface</a>	\$2M	No

**Mitigation Activities**

1	<a href="#">On track for Oct 11th EOC presentation for issues papers.</a>
2	<a href="#">ECC completed the design of Wall 6C, WSDOT requested the ROM for the construction of this wall</a>
3	<a href="#">ECC proceed to include PCCP per contract. Pending entitlement discussions with WSDOT</a>
4	<a href="#">Remaining scope in design.</a>
5	<a href="#">Ongoing coordination with KGM, FB&amp;L, local communities and Tolling Group.</a>

[<Risk Log Link>](#)

**SAFETY (WSDOT / ECC)**

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	2/0	0/0	2/0
<b>Contract Days without an Incident</b>			463/217

**SCHEDULE**

Contract Milestones	Original Date	Approved Date	Actual Finish
<a href="#">Substantial Completion</a>	12/20/2013*	12/20/2013	7/18/2014**
<a href="#">East Approach &amp; Maintenance Facility Area Work</a>	3/30/2012*	3/30/2012	3/30/2012**
<a href="#">Evergreen Point Area work</a>	7/28/2013*	7/28/2013	10/25/2013**

\*Contract Milestones

\*\*Based on September 2012 Schedule Update.

Evergreen Milestone - Work will be complete by 7/28/2013 with the except of CO deferred items: Barrier Work, Final Asphalt Lift, Transit Station Finishes and Park and Ride. CO to be completed by Nov 2013. Landscaping will be completed prior to physical completion.

**FORECAST**

**Planned for Next Week**

[Evergreen Point Road / Fairweather Bay \(FWB\) Areas](#)

**Lid**

- Continued under-lid lighting
- Pier 4 - drainage work in front of the pier

**Mainline EB**

- Grade/pour bus pad and complete tie-ins

**Fairweather Bay**

- Maintenance Road

**Walls**

- 3-30: Place panels and backfill

[84th Ave. NE Area](#)

**Lid**

- Set 34 Girders

**Mainline**

- CSBC 84th Pier 1 to 4B-01

**Walls**

- 3-19: Place panels and backfill
- ECC-55: Form and pour concrete
- 4B-02: Form/ Pour Panels

---

### 92nd Ave. NE Area

#### Lid

- Continued construction of Pier 2

#### Walls

- ECC-18: Continue to set forms/tie rebar for wall
  - 4B-14: Benching/facing excavation, install rocks
  - NW 14 Continued Panel Fab
- 

### Bellevue Way Area

#### Bridge

- Pier 1 - Shaft Cap and Abutment Wall
- Pier 2 - Shafts / Columns / Cross Beam
- Pier 3 - Install Shafts
- Prep for Girder Placement

#### Walls

- 4B-19: Deep Soil Mixing/excavate for leveling pad
  - 4B-17/ ECC-35: Drilled Shafts and install H Piles
  - 4B-24: Drilled Shafts and Rebar Delivery
  - 4B-60/ECC-23,37 and 4B-33: Form / Place / Pour
  - 4B-16/ECC-50: Excavation
- 

### 108th Ave NE Area

#### Bridge

- Piers 2 rebar delivery and fab shafts
- Piers 3 shaft cap prep

#### WB Off Ramp

- Complete tie-ins 108th WB Off Ramp

#### Walls

- 4B-33: Form and pour panels
  - ECC-23, 33 and ECC-37: install shear studs and rebar
- 

### **Planned for Next Three Months**

- Planning for October and November SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th Areas
- Securing Needed Right of Way

## CHANGE MANAGEMENT

### **Change Order Status**

- Ongoing discussions with ECC related to Geotechnical design assumptions

## IMAGES



Bellevue Way Pier 2 Shaft Pour (facing south)



Wall 4B-19 Ground Improvement Area (facing west)



# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Fred Tharp  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubbeh  
 Design-Builder: Eastside Corridor Constructors

### Estimate to Complete

Week Ending: **10/19/2012**  
 Project: 7963/U52021A  
 Project Budget: \$320M  
 Project Cost to Date: \$192M

## SUMMARY NARRATIVE

### This Week

- Planning for October 19-21 SR 520 -Weekend closure work: Mainline MOT shift to the north at Evergreen Point Road Area, install 34 Girders at 84th, MOT tie-in at 108th Ave WB off-ramp, and other miscellaneous work along the corridor

#### Evergreen Point Road / Fairweather Bay (FWB) Areas

##### Lid

- Pier 4 - Pour NW Portal Column

##### Mainline WB

- Pavement markings/Install Barrier/grade/pour bus pad

##### Fairweather Bay

- Pave maintenance road

##### Walls

- 3-14: Install brackets and walk deck
- 3-30: Phase 2 -Pour leveling pad/place Panels/backfill
- 3-13: Tie rebar set forms and pour starter walls

#### 84th Ave. NE Area

##### Lid

- Install barriers on deck
- Set Girders during SR520 weekend closure

##### Mainline

- Subgrade and CSBC from 84th Pier 1 to 4B-01

##### Walls

- 3-19: Construct level pad
- 4B-02: Continued Forming/ Pouring Panels
- ECC-15: Fabricate forms

#### 92nd Ave. NE Area

##### Lid

- Continued construction of Pier 2

##### Walls

- ECC-18: Set forms/tie rebar for wall
- NW 14: Continued Panel Fab
- 4B-14: Install rocks

#### Bellevue Way Area

##### Bridge

- Pier 1 - Shaft Cap and Abutment Wall
- Pier 2 - CSL testing, construct rebar cage & cross beam
- Pier 3 - Install shafts

##### Walls

- 4B-16: Excavate for wall and construct level pad
- 4B-19: Deep Soil Mixing and construct level pad
- 4B-17: Drilled Shafts and install H-Piles
- 4B-24: Drilled Shafts and Rebar Delivery
- ECC-35: Survey, Drill shafts and install H-Piles
- 4B-60: Form / Place / Pour
- 4B-28, 50: Build bag wall

#### 108th Ave NE Area

##### Bridge

- Pier 2 - Mob in from Pier 3
- Pier 3 - Excavate/shore shaft cap, pour rat slab

##### Walls

- 4B-33: Form and pour wall
- ECC-23: Form and pour wall
- ECC-33: Form and pour wall
- ECC-37: Install outfall
- ECC-50,51: Form/Pour/Strip footing
- ECC-52,53: Excavate/Form/Pour footing

## QUALITY

As of October 17th - There have been a total of 1504 audit observations conducted by WSDOT QV of the Design-Builder's Quality processes, design plans, work plans & construction activity. The project total for NCI's is 153. Of those, 132 have been resolved. The Design-Builder's Quality Assurance (QA) team has issued a project total of 208 NCR's. Of those, 164 have been resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- 10/11 - 10/17 – Responded to public comments and questions. Provided construction and traffic information via the project website.
- 10/16 – Briefed tenants of Plaza at Town of Yarrow Point regarding upcoming construction activities
- 10/16 – Sent news release regarding SR 520 closure on Oct. 19-21

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	47		47
<b>Minor Environmental Event</b>	117	0	117

Event/Mitigation:

### RISKS

Top 5 Risks		Potential Dollar Value	Potential Schedule Impact
1	Geotech issues	\$10-19M	8-12M
2	Noisewall 6C	\$2M	1-3M
3	PCCP vs HMA Transit Lane	\$2M	No
4	84th Ave NE I/C and 92nd Ave NE I/C Remaining Work	\$2M	No
5	Evergreen Point Interface	\$2M	No

Mitigation Activities

1	ECC & WSDOT resolved the Global Stability, Lateral Spreading issues (\$1.9M), QPGL is ongoing discussion
2	ECC completed the design of Wall 6C, WSDOT requested the ROM for the construction of this wall
3	ECC proceed to include PCCP per contract. Pending entitlement discussions with WSDOT
4	Remaining scope in design
5	Ongoing coordination between FB&L, ECC and WSDOT for Tie end items

[<Risk Log Link>](#)

### SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	2/0	0/0	2/0
<b>Contract Days without an Incident</b>			463/217

### SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	7/18/2014**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	10/25/2013**

\*Contract Milestones

\*\*Based on September 2012 Schedule Update.

Evergreen Milestone - Work will be complete by 7/28/2013 with the except of CO deferred items: Barrier Work, Final Asphalt Lift, Transit Station Finishes and Park and Ride. CO to be completed by Nov 2013. Landscaping will be completed prior to physical completion.

### FORECAST

**Planned for Next Week**

[Evergreen Point Road / Fairweather Bay \(FWB\) Areas](#)

**Lid**

- Continued under-lid lighting
- Pier 1 - Pour SW Portal Column
- Strip closure bays and remove west overhangs

**Fairweather Bay**

**Walls**

- 3-30: Place panels and backfill
- 3-13: Tie rebar set forms and pour starter walls

**Mainline EB**

- Complete tie-ins for ML-3 shift

- ECC-58: Drill shafts and install H-Piles

**Transit Facility**

- Drill and install jackshaft, excavate elevator foundation

**84th Ave. NE Area**

**Lid**

- Set 34 Girders
- Pier 1 and 3 - begin work on diaphragms

**Mainline**

- CSBC 84th Pier 1 to 4B-01

**Walls**

- 3-19: Place panels and backfill
- 4B-02: Strip forms and move to 3-13
- ECC-15: Excavate and set forms/rebar for footing

**92nd Ave. NE Area**

**Lid**

- Continued construction of Pier 2

**Ped Path**

- Grade subgrade/place CSBC

**Walls**

- ECC-18: Continue to set forms/tie rebar for wall
- 4B-14: Continue installing rocks
- NW 14 Continued Panel Fab

**Bellevue Way Area**

**Bridge**

- Pier 1 - Shaft Cap and Abutment Wall
- Pier 2 - Cross beam
- Pier 3 -form and place shaft cap
- Prep for Girder Placement

**Walls**

- 4B-16: Install panels and backfill
- 4B-19: Deep Soil Mixing/construct leveling pad
- 4B-17: Excavate cut slope 1:1, install lower lagging panels
- 4B-24: Drilled Shafts 1-18
- ECC-35: Install lagging and shear studs
- 4B-28, 50: Build bag wall

**108th Ave NE Area**

**Bridge**

- Piers 2 - Install shafts
- Piers 3 - Rebar placement for Cap

**WB Off Ramp**

- Complete tie-ins 108th WB Off Ramp

**Walls**

- ECC-23: Form and pour wall
- ECC-50,51: Form/Pour/Strip footing
- ECC-52,53: Excavate/Form/Pour footing
- 4B-35: Excavate for wall

**Planned for Next Three Months**

- Planning for November SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th Areas
- Securing Needed Right of Way

**CHANGE MANAGEMENT**

**Change Order Status**

- Ongoing discussions with ECC related to Geotechnical design assumptions

**IMAGES**



Bellevue Way Pier 1 rebar (facing south)



Wall 3 -30 leveling pad near Fairweather Bay (facing west)

## Weekly Report

Project Director: Fred Tharp  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubbeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 10/26/2012  
 Project: 7963/U52021A  
 Project Budget: \$334M  
 Project Cost to Date: \$192M

### SUMMARY NARRATIVE

#### This Week

#### Evergreen Point Road / Fairweather Bay (FWB) Areas

##### Lid

- Pier 4 - Continued to form & pour NW Portal Column

##### Mainline WB

- Pavement markings/Install Barrier/grade/pour bus pad
- ATM #1 (southside)
- Drill shaft and pour for camera pole
- During the October 19-21 -Weekend closure: Mainline MOT shifted Traffic to the north at EGP Road

##### Fairweather Bay

- Pave maintenance road

##### Walls

- 3-14: Install brackets and walk deck
- 3-13: Form and Pour Fascia and Noise panels
- 3-13: Form and Pour Fascia and Noise panels Transit Facility
- EB Elevator Excavation

---

#### 84th Ave. NE Area

##### Lid

- Begin installing pier and interior diaphragms
- Strip closures on CIP Deck phase 1
- During the October 19-21 Weekend closure: install 34

##### Girders

##### Mainline

- Continue CSBC from 84th Pier 1 to 4B-01

##### Walls

- 3-19: Place panels and backfill
- 4B-02: Strip forms and move to Wall 3-13

---

#### 92nd Ave. NE Area

##### Lid

- Continued construction of Pier 2

##### Ped Path

- Grade subgrade

##### Walls

- ECC-18: Continue to set forms/tie rebar/pour for wall
- NW 14: Continued Panel Fab
- 4B-14: Install rocks

---

#### Bellevue Way Area

##### Bridge

- Pier 1 - Abutment Wall
- Pier 2 - Construct rebar cage & cross beam
- Pier 3 - Fine grade shaft cap, set forms, rebar and pour

##### Walls

- 4B-16: Construct level pad, install panels and backfill
- 4B-19: Deep Soil Mixing and construct level pad
- 4B-17: Drilled Shafts and install H-Piles
- 4B-24: Drilled Shafts and Rebar Delivery
- ECC-35: Drilled shafts and install H-Piles
- 4B-28, 50: Build bag wall

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#### 108th Ave NE Area

##### Bridge

- Pier 2 - Install shafts
- Pier 3 - CSL anomaly submittal process

##### Walls

- 4B-33: Form and pour wall
- 4B-35: Excavate for wall
- ECC-23: Form and pour wall
- ECC-33: Form and pour wall
- ECC-37: Install outfall
- ECC-50,51: Form/Pour/Strip footing
- ECC-52,53: Excavate/Form/Pour footing

##### Mainline

- Adjust ITS/Install temporary lighting

## QUALITY

As of October 24th - There have been a total of 1511 audit observations conducted by WSDOT QV of the Design-Builder's Quality processes, design plans, work plans & construction activity. The project total for NCI's is 153. Of those, 135 have been resolved. The Design-Builder's Quality Assurance (QA) team has issued a project total of 210 NCR's. Of those, 164 have been resolved.

## INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- 10/18 – Sent media advisory regarding Friday media availability
- 10/19 – Coordinated and staffed morning media availability, sent media advisory regarding Saturday media availability, recorded on-air radio interviews
- 10/20 – Conducted weekend check-in calls, photographed weekend construction activities, coordinated and staffed Saturday media availability
- 10/21 – Distributed Sunday SR 520 reopening news release

## ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	47	0	47
<b>Minor Environmental Event</b>	117	0	117

**Event/Mitigation:**

## RISKS

Top 4 Risks		Potential Dollar Value	Potential Schedule Impact
1	<a href="#">Geotech issues</a>	\$1.9-19M	8-12M
2	<a href="#">Noisewall 6C</a>	\$2M	1-3M
3	<a href="#">PCCP vs HMA Transit Lane</a>	\$2M	No
4	<a href="#">Eastside and FB&amp;L Projects Interface at Evergreen Point</a>	\$2M	No

Mitigation Activities

1	<a href="#">ECC &amp; WSDOT resolved the Global Stability, Lateral Spreading issues (\$1.9M), QPGL is in ongoing discussion</a>
2	<a href="#">ECC completed the design of Wall 6C, WSDOT requested the ROM for the construction of this wall</a>
3	<a href="#">ECC proceed to include PCCP per contract. Pending entitlement discussions with WSDOT</a>
4	<a href="#">Ongoing coordination between FB&amp;L, ECC and WSDOT for Tie end items</a>

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	2/0	0/0	2/0
<b>Contract Days without an Incident</b>			463/217

## SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
<a href="#">Substantial Completion</a>	12/20/2013*	12/20/2013	7/18/2014**
<a href="#">East Approach &amp; Maintenance Facility Area Work</a>	3/30/2012*	3/30/2012	3/30/2012**
<a href="#">Evergreen Point Area work</a>	7/28/2013*	7/28/2013	10/25/2013**

\*Contract Milestones

\*\*Based on September 2012 Schedule Update.

Evergreen Milestone - Work will be complete by 7/28/2013 with the except of CO deferred items: Barrier Work, Final Asphalt Lift, Transit Station Finishes and Park and Ride. CO to be completed by Nov 2013. Landscaping will be completed prior to physical completion.

## FORECAST

### Planned for Next Week

#### Evergreen Point Road / Fairweather Bay (FWB) Areas

##### Lid

- Continued under-lid lighting
- Pier 1 - Pour SW Portal Column

##### Fairweather Bay

- Pave maintenance road

##### Transit Facility

- Elevator foundation, footing and stair foundation

#### 84th Ave. NE Area

##### Lid

- Pier 1 and 3 - diaphragms
- Interior diaphragms

##### Walls

- RE-01: Form moment slab
- 3-30: Place panels and backfill
- 3-13: Tie rebar set forms and pour starter walls
- ECC-58: Install Nelson studs and rebar
- Noisewall 5B: Cut grade and drill pad

##### Walls

- 3-19: Place panels and backfill
- 4B-01: Install ITS conduits
- ECC-60: Install Nelson studs

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#### 92nd Ave. NE Area

##### Lid

- Continued construction of Pier 2

##### Ped Path

- Install fall protection

##### Walls

- NW 14 Continued Panel Fab
- 4B-14: Continue installing rocks

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#### Bellevue Way Area

##### Bridge

- Pier 1 - Abutment Wall
- Pier 2 - Cross beam
- Pier 3 - Abutment Wall
- Prep for Girder Placement

##### Walls

- 4B-16: Install panels and backfill
- 4B-19: Construct leveling pad and install panels
- 4B-17: Drilled shafts and install H-piles
- 4B-24: Power down power lines for shaft 18 construction
- ECC-35: Form and pour walls
- 4B-28, 50: Build bag wall

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#### 108th Ave NE Area

##### Bridge

- Piers 2 - CSL testing, excavate and prep shafts
- Piers 3 - Shaft cap, pour Ratslab

##### WB Off Ramp

- Complete tie-ins 108th WB Off Ramp
- Complete tie-ins 108th WB Off Ramp

##### Walls

- ECC-23: Form and pour wall
- ECC-50,51: Form/Pour/Strip footing
- ECC-52,53: Excavate/Form/Pour footing
- 4B-35: Mob in soil improvements plant
- ECC-24: Drill Shafts and install H-Piles

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### Planned for Next Three Months

- Planning for November SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th Areas
- Securing Needed Right of Way

## CHANGE MANAGEMENT

### Change Order Status

- Ongoing discussions with ECC related to Geotechnical design assumptions

IMAGES



84th Girder Setting during SR520 Full Road Weekend Closure (facing southwest)



Wall 4 -24 drilling shaft near Bellevue Way (facing northeast)



# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Fred Tharp  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubbeh  
 Design-Builder: Eastside Corridor Constructors

### Estimate to Complete

Week Ending: **11/2/2012**  
 Project: 7963/U52021A  
 Project Budget: \$334M  
 Project Cost to Date: \$192M

## SUMMARY NARRATIVE

### This Week

#### Evergreen Point Road / Fairweather Bay (FWB) Areas

##### Lid

- Continued under-lid lighting
- Pier 1 - Pour SW Portal Column

##### Mainline WB

- Drill shaft and pour for camera pole
- ATM #1 (south side)

##### Transit Facility

- Elevator foundation, footing and stair foundation

##### Fairweather Bay

- Pave maintenance road

##### Walls

- 3-30: Place panels and backfill
- 3-13: Tie rebar set forms and pour starter walls
- ECC-58: Install Nelson studs and rebar
- Noisewall 5B: Cut grade and drill pad

#### 84th Ave. NE Area

##### Lid

- Continue installing pier and interior diaphragms
- Strip closures on CIP Deck phase 1
- Set SIP Panels

##### Mainline

- Subgrade from 84th Pier 1 to 4B-01

##### Walls

- 3-20: Install brackets and walk deck
- 4B-01: Install ITS conduits
- 3-19: Place panels and backfill

#### 92nd Ave. NE Area

##### Lid

- Pier 1 - backfill
- Pier 2 - finalize pier caps
- Install work decks and oak blocks

##### Ped Path

- Install fall protection

##### Walls

- ECC-18: Continue to set forms/tie rebar/pour for wall
- 4B-07: Install underdrain and backfill
- NW 14: Continued Panel Fab

#### Bellevue Way Area

##### Bridge

- Pier 1 - Abutment wall
- Pier 2 - Construct rebar cage & cross beam
- Pier 3 - Abutment wall

##### Walls

- 4B-16: Install panels and backfill
- 4B-19: Deep Soil Mixing and construct level pad
- 4B-17: Continued drilled shafts and install H-piles
- 4B-24: Continued drilled shafts
- ECC-35: Install lagging and Nelson Studs
- 4B-28, 50: Build bag wall

#### 108th Ave NE Area

##### Bridge

- Pier 1 - Excavate shaft cap
- Pier 2 - Install shafts/CSL testing
- Pier 3 - Continue CSL anomaly submittal process

##### Ponds

- E4 - install sheet pile

##### Walls

- 4B-33: Form and pour wall
- 4B-35: Excavate for wall
- ECC-23: Form and pour wall
- ECC-33: Form and pour wall
- ECC-37: Install outfall
- ECC-50,51: Backfill prep
- ECC-52,53: Form/Rebar/Pour footing

As of October 31st - There have been a total of 1523 audit observations conducted by WSDOT QV of the Design-Builder's Quality processes, design plans, work plans & construction activity. The project total for NCI's is 153. Of those, 136 have been resolved. The Design-Builder's Quality Assurance (QA) team has issued a project total of 220 NCR's. Of those, 167 have been resolved.

### INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- Responded to public comments and questions.
- Provided construction and traffic information via the project website.

### ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	47	1	48
<b>Minor Environmental Event</b>	117	0	117

#### Event/Mitigation:

One ECAP for the week. 10/30/12 afternoon, turbid runoff was discharged from our construction site into Yarrow Creek between Fish Passage Culverts D and E. Repairs to the construction access, where the discharge originated, are in progress.

### RISKS

Top 4 Risks		Potential Dollar Value	Potential Schedule Impact
1	Geotech issues (Qpgl)	\$17.1M	8-12M
2	Noisewall 6C	\$2M	TBD
3	PCCP vs. HMA Transit Lane	\$1M	No
4	Eastside and FB&L Projects Interface at Evergreen Point	\$1M	No

#### Mitigation Activities

1	ECC & WSDOT are in ongoing discussion to determine the next step(s)
2	ECC completed the design of Wall 6C and preparing the ROM for the construction of this wall
3	ECC proceed to include PCCP per contract. Pending entitlement discussions with WSDOT
4	Ongoing coordination between FB&L, ECC and WSDOT for Tie end items

[<Risk Log Link>](#)

### SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	2/0	0/0	2/0
<b>Contract Days without an Incident</b>			463/217

### SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion	12/20/2013*	12/20/2013	7/25/2014**
East Approach & Maintenance Facility Area Work	3/30/2012*	3/30/2012	3/30/2012**
Evergreen Point Area work	7/28/2013*	7/28/2013	10/23/2013**

\*Contract Milestones

\*\*Based on Draft October 2012 Schedule Update.

Evergreen Milestone - Work will be complete by 7/28/2013 with the except of CO deferred items: Barrier Work, Final Asphalt Lift, Transit Station Finishes and Park and Ride. CO to be completed by Nov 2013. Landscaping will be completed prior to physical completion.

## FORECAST

### Planned for Next Week

#### Evergreen Point Road / Fairweather Bay (FWB) Areas

##### Lid

- Continued under-lid lighting
- Pier 1 - Pour SW Portal Column
- ATM #1 (south side)

##### Fairweather Bay

- Pave maintenance road

##### Transit Facility

- Stair foundation and elevator core lift 1

##### Walls

- 3-30: Subgrade/CSBC
- 3-28: Ditch Grade
- 3-13: Form/pour noise and fascia
- ECC-58: Rebar/Form/Pour
- Noisewall 5B: Cut grade and drill pad, drill shafts

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#### 84th

##### Lid

- Set SIP Panels

##### Mainline

- Subgrade from 4B-01 to 92nd

##### Walls

- 3-20: Moment slab
- NW6B: Cut grade and drill pad
- 3-19: Place panels and backfill

---

#### 92nd Ave. NE Area

##### Lid

- Demob
- Install work decks and oak blocks

##### Ped Path

- Install fall protection and precast barrier

##### Walls

- NW 14 Continued Panel Fab
- 4B-14: Continue installing rocks

---

#### Bellevue Way Area

##### Bridge

- Pier 1 - Abutment Wall
- Pier 2 - Cross beam
- Pier 3 - Abutment Wall
- Prep for Girder Placement

##### Walls

- 4B-16: Install panels and backfill
- 4B-19: Install panels and backfill
- 4B-17: Excavate 1:1 slope and install lagging
- 4B-24: Drilled shafts, shat cap construction
- ECC-35: Rebar/Form/Pour wall
- 4B-28, 50: Form/pour fascia

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#### 108th Ave NE Area

##### Bridge

- Pier 1 - Excavate/shore shaft cap, shaft repairs
- Pier 2 - Excavate and prep shafts, install rebar
- Pier 3 - Shaft cap, pour rat slab

##### Walls

- ECC-50,51: Form/Pour/Strip footing
- ECC-52,53: Excavate/Form/Pour footing
- 4B-35: Mob in soil improvements plant
- 4B-33: Strip barrier, form/pour headwall

##### Pond

- Excavate cell

---

### Planned for Next Three Months

- Planning for November and January SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th Areas
- Securing Needed Right of Way

## CHANGE MANAGEMENT

### Change Order Status

- Ongoing discussions with ECC related to Geotechnical design assumptions

IMAGES



Bellevue Way Pier 2 construction (facing southwest)



Wall 4 -17 construction (facing west)



# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Fred Tharp  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubbeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 11/9/2012  
 Project: 7963/U52021A  
 Project Budget: \$334M  
 Project Cost to Date: \$192M

### SUMMARY NARRATIVE

#### This Week

#### Evergreen Point Road / Fairweather Bay (FWB) Areas

##### Lid

- Continued under-lid lighting
- Pier 1 - Pour SW Portal Column

##### Mainline WB

- Drill shaft and pour for camera's pole foundation
- ATM #1 (south side)

##### Transit Facility

- Elevator foundation, footing and stair foundation

##### Fairweather Bay

- ITS Trench and Conduit along Wall 3-30

##### Walls

- 3-13: form and pour fascia and noise panels
- ECC-58: Install Nelson studs, rebar, forms and pour
- Noisewall 5B: Cut grade and drill pad

#### 84th Ave. NE Area

##### Lid

- Install soffits
- Strip closures on CIP Deck phase 1
- Set SIP Panels

##### Mainline

- Drainage work

##### Walls

- ECC-60: Survey for soldier pile wall
- 4B-01: Install ITS conduits
- 3-19: Place panels and backfill
- NW6B: Cut grade and drill pad

#### 92nd Ave. NE Area

##### Lid

- Pier 2 - Demob
- Install work decks and oak blocks

##### Ped Path

- Place/grade CSBC & install fall protection

##### Walls

- ECC-18: Continue to set forms/tie rebar/pour for wall
- 4B-07: Road excavation below wall

#### Bellevue Way Area

##### Bridge

- Pier 1 - Wall cure 14 days
- Pier 2 - Rab/place pier 2 oak blocks
- Pier 3 -place grout pads

##### Ped tunnel

- Pedestrian tunnel excavation

##### Walls

- 4B-16: Install panels and backfill
- 4B-19: Install panels/backfill/demob batch plant
- 4B-17: Continued drilled shafts and install H-piles
- 4B-24: Continued drilled shafts
- ECC-35: Install lagging and welding Nelson Studs
- 4B-28: install drainage/footing

#### 108th Ave NE Area

##### Bridge

- Pier 1 - Excavate/shore shaft cap, shaft repairs
- Pier 2 - Install rebar and pour column
- Pier 3 - Continue CSL anomaly submittal process

##### Ponds

- E4 - install sheet piles

##### Walls

- 4B-33: Pour moment slab, strip barrier
- 4B-35: Mobilize soil improvements plant
- ECC-23: Form and pour wall
- ECC-24: Drill shafts and install H-Piles
- ECC-33: Form and pour wall
- ECC-52,53: Form/Rebar/Pour footing and abutment

## QUALITY

As of November 7 - There have been a total of 1534 audit observations conducted by WSDOT QV of the Design-Builder's Quality processes, design plans, work plans & construction activity. The project total for NCI's is 154. Of those, 136 have been resolved. The Design-Builder's Quality Assurance (QA) team has issued a project total of 223 NCR's. Of those, 171 have been resolved.

## INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- Prepared for Hunts Point Town Council meeting.
- Delivered night work notice to residents and businesses near 92nd Avenue Northeast.
- Delivered night work notice to residents along Northeast Points Drive.

## ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	48	0	48
<b>Minor Environmental Event</b>	117	0	117

### Event/Mitigation:

There are no ECAPs for the week.

## RISKS

Top 4 Risks		Potential Dollar Value	Potential Schedule Impact
1	Geotech issues (Qpgl)	\$17.1M	8-12M
2	Noisewall 6C	\$2M	TBD
3	PCCP vs. HMA Transit Lane	\$1M	No
4	Eastside and FB&L Projects Interface at Evergreen Point	\$1M	No

### Mitigation Activities

1	ECC & WSDOT are in discussion with the DRB to schedule a hearing in February 2013
2	ECC completed the design of Wall 6C and preparing the ROM for the construction of this wall
3	ECC proceed to include PCCP per contract. Pending entitlement discussions with WSDOT
4	Ongoing coordination between FB&L, ECC and WSDOT for tie-end items

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	2/0	0/0	2/0
<b>Contract Days without an Incident</b>			463/217

## SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion*	12/20/2013	12/20/2013	7/25/2014**
East Approach & Maintenance Facility Area Work *	3/30/2012	3/30/2012	3/30/2012**
Evergreen Point Area work Phase 1*	7/28/2013	7/28/2013	7/24/2013**
Remaining Evergreen Point Area work ***	11/1/2013	11/1/2013	10/10/2013**

\*Contract Milestones

\*\*Based on Final October 2012 Schedule Update.

\*\*\*This milestone has been added by Change Order 3- Work will be complete by 7/28/2013 with the except of CO deferred items: Barrier Work, Final Asphalt Lift, Transit Station Finishes and Park and Ride. CO to be completed by Nov 2013. Landscaping will be completed prior to physical completion.

## FORECAST

### Planned for Next Week

#### Evergreen Point Road / Fairweather Bay (FWB) Areas

##### Lid

- Continued under-lid lighting
- Pier 1 - Pour SW Portal Column
- ATM #1 (south side)

##### Fairweather Bay

- Pave maintenance road

##### Transit Facility

- Stair foundation and elevator core lift 1

##### Walls

- 3-30: Subgrade/CSBC
- 3-13: Form/pour noise and fascia
- ECC-58: Rebar/Form/Pour

---

#### 84th

##### Lid

- Install soffits

##### Walls

- ECC-60: Drill shafts, install H-Piles and lagging
- NW6B: Tie cages, drill and pour shafts
- ECC-15: Fabricate forms and survey

---

#### 92nd Ave. NE Area

##### Lid

- Set girders span 1
- Install interior diaphragms
- Pier 3 - grade pad and install piles

##### MOT

- 92nd WB off ramp shift

##### Ped Path

- Install precast barrier and fine grade

##### Walls

- NW 14: Erect noisewall panels
- 4B-14: Continue installing rocks
- 4B-01: Continue to install ITS conduit

---

#### Bellevue Way Area

##### Bridge

- Pier 1 - Backfill and construction crane access
- Pier 3 - Set tub girders

##### Walls

- 4B-16: Grade face of wall
- 4B-19: Continue to install panels and backfill
- 4B-17: Excavate 1:1 slope and install lagging
- 4B-24: Drilled shafts, shat cap construction
- NW7A: Cut grade and drill pad, drill and pour shafts
- NW9B: Tie cages
- ECC-35: Rebar/Form/Pour wall
- 4B-50: Shore to build bagwall
- 4B-28: install drainage/footing

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#### 108th Ave NE Area

##### Bridge

- Pier 1 - Shaft repairs, pour rat slab
- Pier 2 - Excavate shafts, install rebar pour columns
- Pier 3 - Rebar placement for cap

##### Pond

- Excavate cell

##### Walls

- ECC-52,53: Form, pour and strip wingwall
- 4B-35: Mob in soil improvements plant
- 4B-33: Strip moment slab, form and pour headwall
- ECC-24: Drill shafts and install H-Piles

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### Planned for Next Three Months

- Planning for November and January SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th Areas
- Securing Needed Limited Access and Temporary Construction Easements

## CHANGE MANAGEMENT

### Change Order Status

- Ongoing discussions with ECC related to Geotechnical design assumptions

IMAGES



Evergreen Transit Station Elevator's Pad Footing (facing east)



Drilling Shafts for Wall 4B-24 at Bellevue Way I/C (facing northwest)



# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Fred Tharp  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 11/16/2012  
 Project: 7963/U52021A  
 Project Budget: \$334M  
 Project Cost to Date: \$192M

### SUMMARY NARRATIVE

#### This Week

- Scheduled for the November 16-19 Weekend closures Work

#### Evergreen Point Road / Fairweather Bay (FWB) Areas

##### Lid

- Continued under-lid lighting
- Pier 1 - Pour SW Portal Column

##### Transit Facility

- Elevator foundation, footing and core lift 1

##### Fairweather Bay

- ITS Trench and Conduit along Wall 3-30

##### Walls

- 3-13: form & pour fascia & noise panels, strip & mob out
- ECC-58: Forms and pour
- Noisewall 5B: Drill and pour shafts

#### 84th Ave. NE Area

##### Lid

- Continue to install soffits
- Continue strip closures on CIP Deck phase 1
- Under-lid lighting

##### Mainline

- Subgrade/CSBC Ramp Switch

##### Walls

- ECC-60: Drill shafts, install H-piles, install lagging
- 4B-01: Install ITS conduits
- 3-19: Place panels and backfill
- NW6B: Excavate drainage ditch
- 3-20: Grade moment slab
- ECC-15: Fabricate forms and survey

#### 92nd Ave. NE Area

##### Lid

- Set Girders Span #1 (night work)
- Install interior diaphragm cages
- Pier 3 - grade pad and install piles

##### Walls

- ECC-18: Continue to set forms/tie rebar/pour for wall
- NW9B: Cut grade and drill pad, tie cages
- NW14: Prep area for Crane, erect panels

#### Bellevue Way Area

##### Bridge

- Pier 1 - Construct crane access for tub erection
- Pier 2 - Construct crane access for tub erection

- Setting girders (during the weekend closure)

##### Walls

- 4B-16: Install panels and backfill, grade face
- 4B-19: Install panels/backfill, repair Culvert C, excavate level pad for MSE Wall
- 4B-50: Build bag wall
- 4B-17: Continued drilled shafts and install H-piles
- 4B-24: Continued drilled shafts, DBM mob out
- ECC-35: Install rebar, form and pour
- 4B-28: install drainage, footing, tie rebar curtains

#### 108th Ave NE Area

##### Bridge

- Pier 1 - Shaft cap, shaft repairs, pour rat slab
- Pier 2 - Install rebar and pour column
- Pier 3 - Shaft cap prep/chipping, pour rat slab

##### Walls

- 4B-33: Pour moment slab, form and pour barrier
- ECC-23: Form and pour wall
- 4B-35: Mob soil improvements plant, install soil improvements

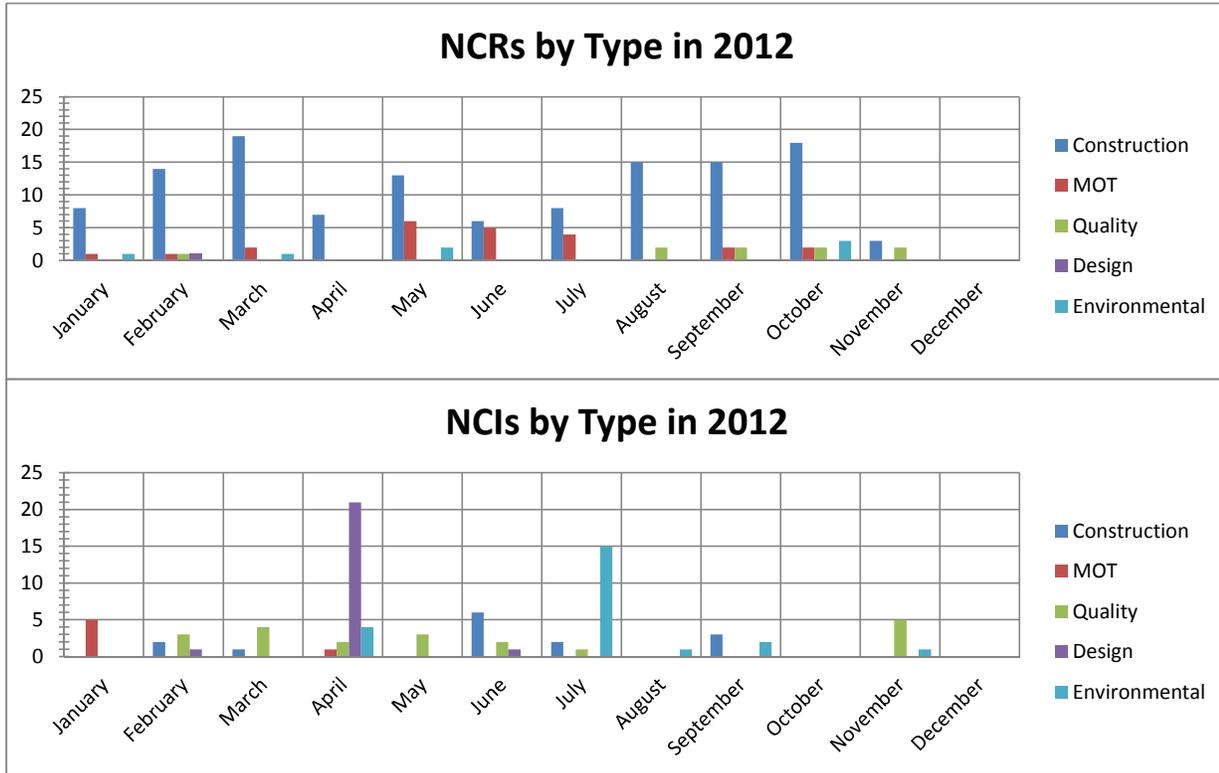
##### Ponds

- E4 - Excavate cell

- ECC-24: Drill shafts and install H-Piles, install lagging
- ECC-33: Form and pour wall
- ECC-52,53: Form/Rebar/Pour footing and abutment

## QUALITY

As of November 14 - There have been a total of 1538 audit observations conducted by WSDOT QV of the Design-Builder's Quality processes, design plans, work plans & construction activity. The project total for NCI's is 158. Of those, 136 have been resolved. The Design-Builder's Quality Assurance (QA) team has issued a project total of 222 NCR's. Of those, 172 have been resolved.



## INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- Continued to answer constituent questions regarding construction related impact to traffic and the surrounding communities
- Sent news release for Nov. 16 - 19 SR 520 closure

## ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	48	1	49
<b>Minor Environmental Event</b>	117	0	117

**Event/Mitigation:**

- ECAP - for discovery of a 200 gallon heating oil leaking underground storage tank (LUST). Found while excavating for ITS work at the former Toll Plaza area.

## RISKS

Top 4 Risks		Potential Dollar Value	Potential Schedule Impact
1	Geotech issues (Qppl)	\$17.1M	8-12M
2	Noisewall 6C	\$3.2M	TBD
3	PCCP vs. HMA Transit Lane	\$1M	No
4	Eastside and FB&L Projects Interface at Evergreen Point	\$1M	No

Mitigation Activities

1	ECC & WSDOT are in discussion with the DRB to schedule a hearing in February 2013
2	ECC provided the ROM for Wall 6C, for WSDOT to determine whether to include this work in the Contract
3	ECC proceed to include PCCP per contract. Pending entitlement discussions with WSDOT
4	Ongoing coordination between FB&L, ECC and WSDOT for tie-end items

[<Risk Log Link>](#)

**SAFETY (WSDOT / ECC)**

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	2/0	0/0	2/0
<b>Contract Days without an Incident</b>			463/217

**SCHEDULE**

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion*	12/20/2013	12/20/2013	7/25/2014**
East Approach & Maintenance Facility Area Work *	3/30/2012	3/30/2012	3/30/2012**
Evergreen Point Area work Phase 1*	7/28/2013	7/28/2013	7/24/2013**
Remaining Evergreen Point Area work ***	11/1/2013	11/1/2013	10/10/2013**

\*Contract Milestones

\*\*Based on Final October 2012 Schedule Update.

\*\*\*This milestone has been added by Change Order 3- Work will be complete by 7/28/2013 with the except of CO deferred items: Barrier Work, Final Asphalt Lift, Transit Station Finishes and Park and Ride. CO to be completed by Nov 2013. Landscaping will be completed prior to physical completion.

**FORECAST**

**Planned for Next Week**

Evergreen Point Road / Fairweather Bay (FWB) Areas

**Lid**

- Continued under-lid lighting
- Pier 1 - Pour SW Portal Column

**Fairweather Bay**

- Pave maintenance road

**Transit Facility**

- Form footing & crash barrier, elevator core lift 1 and 2

**Walls**

- 3-30: Subgrade/CSBC
- 3-13: Form/pour noise and fascia, strip and mob out
- ECC-58: Form and pour noise walls
- NW5B: Drill and pour shafts

84th

**Lid**

- Install soffits

**Mainline**

- Pave RE-02 to 4B01, Subgrade 4B-01 to 92nd

**Walls**

- ECC-60: Install lagging and Nelson Studs
- ECC-15: Excavate and fine grade footing, form footing
- 3-19: Place panels and backfill

92nd Ave. NE Area

**Lid**

- Install interior diaphragms
- Pier 3 - grade pad and install piles

**MOT**

- 92nd WB off ramp shift

**Ped Path**

- Install precast barrier and fine grade

**Walls**

- NW 14: Form and pour terminal column, grout NW panels
- 4B-01: Continue to install ITS conduit

Bellevue Way Area

**Bridge**

- Pier 1 - Backfill and construction crane access
- Tub girder overhang construction
- Pier 2 - diaphragm rebar

**Walls**

- 4B-19: Excavate for level pad & install panels and backfill
- 4B-17: Install H-piles, excavate 1:1 slope & install lagging
- 4B-24: CSL test shafts and survey wall face alignment
- NW9B: Drill Shafts
- ECC-35: Rebar/Form/Pour wall

- 4B-50: Build bagwall
- 4B-28: Tie rebar curtains, form & pour footing
- ECC-45: Survey, drill shafts and install H-piles

### 108th Ave NE Area

#### Bridge

- Pier 2 - Strip column forms, install level pad falsework

#### Pond

- E4 - Install cell

#### Walls

- ECC-52,53: Strip Pier 1 wingwalls
- 4B-35: Install soil improvements
- 4B-33: Strip barrier
- ECC-24: Install Nelson Studs and rebar
- ECC-50,51: Strip Pier 2 wingwalls, form & pour footing

### Planned for Next Three Months

- Planning for January and February SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th Areas
- Securing Needed Limited Access and Temporary Construction Easements

## CHANGE MANAGEMENT

### Change Order Status

- Ongoing discussions with ECC related to Geotechnical design assumptions

## IMAGES



Evergreen Transit Station eastbound elevator shaft forming (facing south)



Girders installed for Span 1 at 92nd Ave NE Lid (facing southeast)



# SR 520 Bridge Replacement and HOV Program



Medina to SR 202: Eastside Transit and HOV Project

## Weekly Report

Project Director: Fred Tharp  
 Construction Manager: Brian Dobbins  
 Business Manager: Ghassan Sabboubeh  
 Design-Builder: Eastside Corridor Constructors

**Estimate to Complete**  
**Week Ending:** 11/23/2012  
 Project: 7963/U52021A  
 Project Budget: \$334M  
 Project Cost to Date: \$192M

### SUMMARY NARRATIVE

#### This Week

#### Evergreen Point Road / Fairweather Bay (FWB) Areas

##### Lid

- Continued under-lid lighting
- Form and rebar SW and NE Portal Columns

##### Transit Facility

- Elevator foundation, tying rebars and setting forms for the core lift 1, crash barrier

##### Fairweather Bay

- ITS Trench and Conduit along Wall 3-30

##### Walls

- 3-13: strip & mob out
- ECC-58: Forms and pour

#### 84th Ave. NE Area

##### Lid

- Continue to install soffits
- Continue strip closures on CIP Deck phase 1
- Under-lid lighting
- Electrical embeds and conduits

##### Mainline

- Subgrade/CSBC Ramp Switch

##### Walls

- ECC-60: Drill shafts, install H-piles
- 4B-01: Install toe drain
- 3-19: Continue to place panels and backfill
- 3-18: Backfill pier 3, build 3-18
- NW6B: Excavate drainage ditch
- 3-20: Grade moment slab
- ECC-15: Form footer and rear template

#### 92nd Ave. NE Area

##### Lid

- Install interior diaphragm

##### Pedestrian Path

- Place/grade CSBC

##### Walls

- NW9B: Cut grade and drill pad, tie cages

#### Bellevue Way Area

##### Bridge

- Pier 1 & 3- Girder stop construction
- Pier 2 - Diaphragm rebar

##### Pedestrian Tunnel

- Fabricate wall form

##### Walls

- 4B-50: Build bag wall
- 4B-19: Install panels/backfill, repair Culvert C, excavate level pad for MSE Wall
- 4B-17: Continued drilled shafts and install H-piles
- 4B-24: CSL test shafts 9-18, DBM mob out
- ECC-35: Install rebar, form and pour
- 4B-28: install drainage, footing, tie rebar curtains

#### 108th Ave NE Area

##### Bridge

- Pier 1 - Shaft cap, shaft repairs, pour rat slab
- Pier 2 - Strip column forms
- Pier 3 - Rebar and form cap; install outfall to Yarrow Creek

##### Ponds

- E4 - Excavate cell

##### Walls

- 4B-33: Strip barrier
- 4B-35: Install soil improvements
- ECC-24: Continue to drill shafts and install H-Piles
- ECC-33: Form and pour wall
- ECC-50,51: Form/Rebar/Pour wall
- ECC-52,53: Form/Rebar/Pour footing and abutment

## QUALITY

As of November 21 - There have been a total of 1547 audit observations conducted by WSDOT QV of the Design-Builder's Quality processes, design plans, work plans & construction activity. The project total for NCI's is 161. Of those, 136 have been resolved. The Design-Builder's Quality Assurance (QA) team has issued a project total of 237 NCR's. Of those, 174 have been resolved.

## INTER-AGENCY / PUBLIC OUTREACH / COMMUNICATION

- Provided media outreach for a weekend-long SR 520 closure. Outreach included, media advisories, two on-site media availabilities and four radio interviews.
- Staffed the SR 520 weekend closure for conference calls and photography

## ENVIRONMENTAL

	Previous Total	Current Week	Project Total
<b>Non-Compliance Event</b>	49	5	54
<b>Minor Environmental Event</b>	136*	0	136*

### Event/Mitigation:

- We had five ECAPs this week; (one ECAP covering five locations): Turbid construction stormwater was discharged from the site at Pond I, Wetherill Nature Preserve, The Northup Maintenance Facility, and to Yarrow Creek at the inlets of Culverts C and E. These occurred during rainfall exceeding the 10-year design storm.

\*Corrected amounts

## RISKS

Top 4 Risks		Potential Dollar Value	Potential Schedule Impact
1	Geotech issues (Qpgl)	\$17.1M	8-12M
2	Noisewall 6C	\$3.2M	TBD
3	PCCP vs. HMA Transit Lane	\$1M	No
4	Eastside and FB&L Projects Interface at Evergreen Point	\$1M	No

### Mitigation Activities

1	ECC & WSDOT are in discussion with the DRB to schedule a hearing in February 2013
2	ECC provided the ROM for Wall 6C, for WSDOT to determine whether to include this work in the Contract
3	ECC proceed to include PCCP per contract. Pending entitlement discussions with WSDOT
4	Ongoing coordination between FB&L, ECC and WSDOT for tie-end items

[<Risk Log Link>](#)

## SAFETY (WSDOT / ECC)

	Previous Total	Current Week	Project Total
<b>Reported Incidents</b>	1/4	0/0	1/4
<b>Lost Time Incidents</b>	2/0	0/0	2/0
<b>Contract Days without an Incident</b>			463/217

## SCHEDULE

Contract Milestones	Original Date	Approved Date	Actual Finish
Substantial Completion*	12/20/2013	12/20/2013	7/25/2014**
East Approach & Maintenance Facility Area Work *	3/30/2012	3/30/2012	3/30/2012**
Evergreen Point Area work Phase 1*	7/28/2013	7/28/2013	7/24/2013**
Remaining Evergreen Point Area work ***	11/1/2013	11/1/2013	10/10/2013**

\*Contract Milestones

\*\*Based on Final October 2012 Schedule Update.

\*\*\*This milestone has been added by Change Order 3- Work will be complete by 7/28/2013 with the exception of CO deferred items: Barrier Work, Final Asphalt Lift, Transit Station Finishes and Park and Ride to be completed by Nov 2013. Landscaping will be completed prior to physical completion.

## FORECAST

### Planned for Next Week

[Evergreen Point Road / Fairweather Bay \(FWB\) Areas](#)

Lid

Walls

- Continued under-lid lighting
- Pier 1 - Pour SW and NE Portal Columns

**Fairweather Bay**

- 3-30 subgrade/CSBC

**Transit Facility**

- Crash barrier, elevator core lift 1 and 2

- 3-30: Subgrade/CSBC

- ECC-58: Continue to form and pour walls
- NW5B: Drill and pour shafts

**Roadway/MOT**

- Grade roadway from Wall 3-13 to Culvert A

**84th**

**Lid**

- Rebar and pour CIP deck
- Continue electrical embeds and conduits

**Mainline**

- Pave RE-02 to 4B01, Subgrade 4B-01 to 92nd

**Walls**

- ECC-60: Install lagging and Nelson Studs
- ECC-15: Form and pour walls
- 3-18: Continue backfilling pier 3, build 3-18
- 3-19: Place panels and backfill
- 3-20: Form, rebar and pour moment slab

**92nd Ave. NE Area**

**Lid**

- Install interior diaphragms

**MOT**

- 92nd WB off ramp shift

**Ped Path**

- Install precast barrier and fine grade

**Walls**

- NW 6B: Cut grade and drill pad, tie cages
- 4B-01: Continue to install toe drain
- 4B-02: Continue to install toe drain
- NW 14: Form and pour terminal column

**Bellevue Way Area**

**Bridge**

- Pier 1 - SE Portal Column
- Pier 1 and 3 - Continue girder stop construction
- Pier 2 - Upper Diaphragm

**Pedestrian Tunnel**

- Ped tunnel rebar, pour tunnel floor and form wall

**Walls**

- 4B-19: form, pour and strip leveling pad, install panels
- 4B-17: Excavate for lagging
- 4B-24: Shaft cap construction
- NW9B: Drill and pour shafts
- ECC-35: Rebar/Form/Pour wall
- 4B-50: Excavate/grade, form and pour leveling pad
- 4B-28: Tie rebar curtains, form & pour footing
- 4B-46: GIE shaft rebar
- ECC-45: Drill shafts and install H-piles

**108th Ave NE Area**

**Bridge**

- Pier 1 - Excavate/shore shaft cap, shaft repairs
- Pier 2 - Erect false work columns
- Pier 3 - Form, pour and strip cap

**Pond**

- E4 - Install cell P1

**Walls**

- ECC-52,53: Strip Pier 1 wing walls
- 4B-35: Install soil improvements
- ECC-24: Install lagging, Nelson Studs and rebar
- ECC-52,53: Strip Pier 2 wing walls, form & pour footing
- ECC-50,51: Wall strip, backfill/construct crane pad

**Planned for Next Three Months**

- Planning for January and February SR 520 -Weekend closures Work
- Continued work at Evergreen Point Road Lid, 84th Ave NE Lid, 92nd Ave NE Lid, Bellevue Way Bridge and 108th Areas
- Securing Needed Limited Access and Temporary Construction Easements

**CHANGE MANAGEMENT**

**Change Order Status**

- Ongoing discussions with ECC related to Geotechnical design assumptions

**IMAGES**





Setting Noisewall 14 Panels east of 92nd Ave NE area  
(facing north)



Setting Girders at Bellevue Way Bridge (facing west)