



Brickyard - Fish Passage Task Force Meeting Minutes: Meeting #19

Meeting Date	Sep 10, 2024	Meeting Time	1:00 PM - 2:00 PM Pacific Time (US & Canada)
Meeting Location	Brickyard Office - 18911 N Creek Pkwy Bothell, WA 98011 Suite 300	Video Conferencing Link	https://teams.microsoft.com/l/meetup-join/19%3ameeting_Y2E3MWRhYjYtMGMyNS00YzhiLTk3MDQtNzcxNjJIOTdmNGEy%40thread.v2%3fcontext=%7b%22id%22%3a%2233dab507-5210-4075-805b-f2717d8cfa74%22%2c%22oid%22%3a%22437ba582-f77c-4fa6-b9f0-fd20d4a9fdae%22%7d

Overview	Items to be discussed: - Follow Up Items: - Juanita cut/fill numbers (current design v permit) - Streambed Material Sizing & Risk Assessment - Sammamish River Bridge – comment on Geotechnical Data - New Items: - Grading concepts at Segment 3 Fish Passages (NFPC, QB405) - Mobility wood stability
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Notes

Attachments	C9727 Brickyard - FP TF Meeting_9.10.pdf
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Scheduled Attendees

Name	Company	Phone Number	Email	Attendance
Ryan Abraham	AECOM		ryan.abraham@aecom.com	Present
Meredith Cote	AECOM		meredith.cote@aecom.com	Present
Seth Gentzler	AECOM		seth.gentzler@aecom.com	Present
Jon Guerrero	AECOM		jon.guerrero@aecom.com	Absent
Eric Hansen	AECOM		eric.hansen1@aecom.com	Absent
Curtis Jones	AECOM		curtis.jones@aecom.com	Absent
Yacoub Raheem	AECOM		yacoub.raheem@aecom.com	Present
Swarna Raju	AECOM		swarna.raju@aecom.com	Absent
Bradford Shaffer	AECOM		bradford.shaffer@aecom.com	Present
John Starbard	City of Kirkland		jstarbard@kirklandwa.gov	Present
Document Control - Skanska	Skanska USA Civil West		brickyarddoccontrol@skanska.com	For Distribution Only
Erin Gaffney	Skanska USA Civil West	P: (951) 206-6633	erin.gaffney@skanska.com	Present
Johnny Morgan	Skanska USA Civil West		johnny.morgan@skanska.com	Absent

Name	Company	Phone Number	Email	Attendance
Tanner Peters	Skanska USA Civil West		tanner.peters@skanska.com	Present
Patrick Prendergast	Skanska USA Civil West		patrick.prendergast@skanska.com	Present
Kyle Sharrer	Skanska USA Civil West	P: (909) 721-9753	kyle.sharrer@skanska.com	Absent
Danny Snyder	Skanska USA Civil West		daniel.snyder@skanska.com	Present
Parker Wutherich	Skanska USA Civil West		parker.wutherich@skanska.com	Present
Nancy Alpuche	Washington State Department of Transportation		alpucna@wsdot.wa.gov	For Distribution Only
Sonia Berriz	Washington State Department of Transportation		berrizs@consultant.wsdot.wa.gov	Present
Rachel Gehrlein	Washington State Department of Transportation		gehrfra@wsdot.wa.gov	For Distribution Only
Ron Haukom	Washington State Department of Transportation		ron.haukom@wsdot.wa.gov	For Distribution Only
Philip Larsen	Washington State Department of Transportation		larsenp@wsdot.wa.gov	For Distribution Only
Janka Lovering	Washington State Department of Transportation		loverinj@consultant.wsdot.wa.gov	Present
Sokha Men	Washington State Department of Transportation		mens@wsdot.wa.gov	For Distribution Only
Rachel Waitt	Washington State Department of Transportation		rachel.waitt@wsdot.wa.gov	For Distribution Only

Attendees

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
1.1	1	Additional Attendees				Open
		Description Meeting attendance.				
		Official Documented Meeting Minutes - Alex Strom (WSDOT) - Patty Hu (PacRim) - Kelli Jones (City of Kirkland) - Jenny Gaus (City of Kirkland) - Robert Barton (Skanska) - Abdulfattah Ghadamsi (WSDOT) - Jeremiah Jezerski (Brierley) - Charles Luxford (Brierley) - Randy Hooper (WSDOT) - Steve Chase (WSDOT) - Jason Pang (WSDOT) - Joe Rosinski (WSDOT) - Robert Boyce (Skanska)				

Previous Meeting Minutes**Aug 27, 2024**

- Ivan Hee (Skanska)
- Alex Strom (WSDOT)
- James Robinson "JR" (WSDOT)
- Patty Hu (PacRim)
- Kelli Jones (City of Kirkland)
- Robert Barton (Skanska)
- Abdulfattah Ghadamsi (WSDOT)
- Jeremiah Jezerski (Brierley)
- Betty Kane (WSDOT)
- Steve Chase (WSDOT)
- Jason Pang (WSDOT)
- Celso Hermogenes (WSDOT)

Stream / Hydraulics

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.1	18	Streambed Sediment Depth				Open
Description Scour depths for remaining fish passages: • North Fork Perry Creek (final design value): 1.5 ft • QB405 (final design value): 2.1 ft • QB527 (prelim design value): 2.7 ft • Juanita Creek (prelim design value): 1.9 ft • 25.0L : to be determined						
Official Documented Meeting Minutes • Developing analysis with proposed scour depths for North Fork Perry first. ◦ ACTION: Design to send findings to WSDOT.						
Previous Meeting Minutes Aug 27, 2024 • Case-by-case basis • Request will require to be made for each fish passage						

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.2	15	DBIC 005 Stream 25.0L and Queensborough at I-405 Maintenance Clearance				Open
Description DBIC to reduce maintenance clearance height at Queensborough I-405 and Stream 25.0L						
Official Documented Meeting Minutes • To be submitted to WSDOT for review.						

Previous Meeting Minutes**Aug 27, 2024**

(None)

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.3	16	Sammamish River Bridge - Hydraulics				Open
Description						
Discussion on hydraulics comments received from WSDOT.						
Official Documented Meeting Minutes						
- Comment that there needs to be geotechnical data showing that the risk is low. - Analysis based on geotechnical borings (5 borings) - North bank: silty sands - South Bank: clays - Stability indicators values have been revised based on the available geotechnical data. Results in more stable ratings for both the north and south banks. - ACTION: Design team to send presentation to Luke to resolve comment. - Stabilization not included in permits if that is the route for scour protection. - Scour design for the bridge piers is dependent on this report.						
Previous Meeting Minutes						
Aug 27, 2024						
(None)						

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.4	17	Preliminary Design Package 8				Open
Description						
- Review Hydraulics comments received from WSDOT - Juanita Creek existing and proposed model setup - Juanita Creek Model Extent						
Official Documented Meeting Minutes						
- Design team sent email to WSDOT regarding Flood Risk Assessment to NE 141st Street culvert. - Assessment of increased flood risk down stream. - ACTION: WSDOT to provide direction.						
Previous Meeting Minutes						
Aug 27, 2024						
- City of Kirkland Code requires more Flood Risk Assessment than provided. Per City of Kirkland, needs to extend further to NE 141st Street culvert. - Design believes analysis is beyond contract scope. - ACTION: Information shared by the City of Kirkland to WSDOT. WSDOT to provide direction for path forward.						

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.5	16	Streambed Material Sizing				Open
Description Streambed Material Sizing / Risk Assessment						
Official Documented Meeting Minutes - Shields Equation doesn't account for LWM / other complexity components - Models represent LWM through increased Manning's n values - Models include riffles and pools in terrain, riffles double as steep as average slope used in prelim WSDOT models - WSDOT's current direction to use streambed sediment mix within 20% of the existing stream gradation - Ultimate Goal is Fish Passage: - Compromise between engineering analysis (coarser material) with more fine material? 1-foot lift at finished grade of the type 1 sediment with coarser/stable material under? - Path Forward: Continue with over-coarsened channel for Juanita and SR 527 FHD's						
Previous Meeting Minutes Aug 27, 2024 - Par Creek to remain as designed in RFC - Per WSDOT: Northfork Perry, Queensborough 405, Queensborough 405, Stream 25L, and Juanita proceed with 20% larger sediment than existing showing that it will scour and will be mobile with narrative within document that Shields equation does not take into account wood. Will likely not see the depth of scour that the Shields shows. Need to confirm structure is deep enough. - Design team risk assessment found some risk to be reviewed by design-build team.						

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.6	13	Juanita Creek HPA				On Hold
Description The HPA permit for Juanita Creek indicates LWM has not been authorized at the time of HPA issuance. There is a strong possibility that Juanita Creek will require anchoring for LWM. We will include typical details for the anchoring with the PHD but will not include stability analysis and exact locations where anchors may be used until FHD. Is this sufficient and provide enough time to modify the HPA prior to construction?						
Previous Meeting Minutes Aug 27, 2024 <i>(None)</i>						

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.7	19	Juanita Creek cut/fill numbers				Open
Description Juanita cut/fill numbers (current design v permit)						
Official Documented Meeting Minutes - Differences in the WSDOT permit, vs. WSDOT provided surface, vs. AECOM surface - WSDOT Permit: 670 CY CUT upstream and 2 CY CUT downstream - WSDOT provided surface: 1,840 CY CUT upstream and 1,540 CY CUT downstream						

- AECOM surface: 2,200 CY CUT upstream and 1,710 CY CUT downstream
- Question: Do permits need to be revised to incorporate earthwork volumes?
- ACTION: To be added to the environmental task force.

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.8	19	Grading concepts at Segment 3 Fish Passages				Open
Description Grading concepts at Segment 3 Fish Passages (Northfork Perry and Queensborough I-405)						
Official Documented Meeting Minutes • Grading outside of impact limits allows construction of fill into the existing channel to prevent backflow. ◦ ACTION: To be added to the environmental task force.						

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.9	19	Mobile wood stability				Open
Description Mobile wood stability						
Official Documented Meeting Minutes • 10-8.1: Mobile wood distributed at a wide range of elevations in the impacted area to prevent mass mobilization of MWM in a single high flow event. ◦ Some in channel some up on meander bar • 10-8.2 MWM within structures shall be designed to be mobilized during the 10 year flood event and shall be a maximum length of 75 percent of the SFZ span or width. ◦ Allow for MWM in main channel to be moved.						

Structures / Civil

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.1	16	Stream 25L Foundation				On Hold
Previous Meeting Minutes Aug 27, 2024 <i>(None)</i>						

Uncategorized Items

These meeting minutes are believed to be an accurate reflection of those items discussed and the conclusions that were reached during the referenced meeting. Please contact Skanska USA Civil if there are any discrepancies or questions with the content of these minutes.