



Brian Abbott Fish Barrier Removal Board Meeting
Proposed Agenda
 Tuesday, May 21, 2024

Teams Meeting Link: [Click here to join the meeting](#)
 Or call in: [+1 872-242-8913](tel:+18722428913), [670056137#](tel:+1670056137)
 Phone Conference ID: 670 056 137#

Purpose of Meeting:	<i>The intent of this monthly Board meeting is to provide general updates around fish barrier removal topics and funding, decide on four cost increase requests, learn about the process to develop the Fish Passage Strategy, and share upcoming opportunities for engagement.</i>	
Time	Agenda Topic	Materials
9:00-9:30 a.m. (30 mins)	Welcome and Introductions – <i>Joy Juelson, Facilitator, Triangle Associates; and Chair Tom Jameson, WDFW</i> <ul style="list-style-type: none"> ▪ Board and staff introductions ▪ Review agenda and meeting purpose ▪ Public Comments: Submit public comments via e-mail to FBRB@dfw.wa.gov for inclusion in the record ▪ Review March and April 2024 Summaries <ul style="list-style-type: none"> ○ Decision: Approval of March and April 2024 Summaries 	Agenda March 2024 Meeting Summary April 2024 Meeting Summary
9:30-9:40 a.m. (10 mins)	General Updates <ul style="list-style-type: none"> ▪ Staffing Updates – <i>Chair Jameson</i> ▪ Update on WDFW Fish Passage Rulemaking – <i>Gabrielle Stilwater, WDFW</i> ▪ Additional Topics? 	
9:40-10:25 a.m. (45 mins)	Fish Passage Strategy Primer – <i>Jane Atha, WDFW</i> <ul style="list-style-type: none"> ▪ General update on the Strategy timeline and engagement process ▪ Primer for Strategy presentation from Cramer Fish Sciences in July 2024 ▪ Discussion and Q&A <ul style="list-style-type: none"> ○ What key questions does the Board have for the July 2024 presentation? 	
10:25-10:40 a.m. (15 mins)	Break	

<p>Purpose of Meeting:</p>	<p><i>The intent of this monthly Board meeting is to provide general updates around fish barrier removal topics and funding, decide on four cost increase requests, learn about the process to develop the Fish Passage Strategy, and share upcoming opportunities for engagement.</i></p>	
<p>Time</p>	<p>Agenda Topic</p>	<p>Materials</p>
<p>10:40-11:25 a.m. (45 mins)</p>	<p>Cost Increase Request: Four Projects (see list below) <i>– John Foltz, RCO; Cost Increase Subcommittee</i></p> <ul style="list-style-type: none"> ▪ Review four cost increase requests: <ul style="list-style-type: none"> ○ Hoko Ozette Rd Culvert ○ Wright's Creek Culvert and Hatchery Intake ○ Hoko River Tributary Fish Passage Design ○ Clear Creek Reconnection ▪ Review and discuss Cost Increase Subcommittee's recommendations <ul style="list-style-type: none"> ○ Decision: Approve the cost increase requests? ▪ Initial Discussion: Should the Board replenish the \$1.75m set aside for cost increase requests using returned funds? 	<p>Cost Increase Supporting Material</p> <p>Subcommittee Recommendation</p>
<p>11:25-11:35 a.m. (10 mins)</p>	<p>Board Project Funding Updates – <i>John Foltz, RCO; and Casey Costello, WDFW</i></p> <ul style="list-style-type: none"> ▪ Update on other projects seeking or that have successfully obtained federal funding ▪ Update on status of returned funds ▪ 2025-2027 Grant Round status update 	<p>FBRB Funding List</p>
<p>11:35-11:40 a.m. (5 mins)</p>	<p>Project and Policy Issue / Opportunities – <i>Board Members</i></p> <ul style="list-style-type: none"> ▪ Climate Commitment Act Consultation Requirement (RCW 70A.65.305) – <i>Topic pending</i> ▪ Any additional topics or updates? 	
<p>11:40-11:50 a.m. (10 mins)</p>	<p>Discuss Upcoming Opportunities for Engagement – <i>Triangle Associates & Board Members</i></p> <ul style="list-style-type: none"> ▪ Washington State Association of County Engineers on June 25-26 in Ritzville, WA ▪ Input from Board members ▪ Additional items upon request 	
<p>11:50 a.m.- 12:00 p.m. (10 mins)</p>	<p>Action Items & Next Steps – <i>Triangle Associates</i></p> <ul style="list-style-type: none"> ▪ Review action items / paths forward ▪ Plan for future meetings: <ul style="list-style-type: none"> ○ June 18, 2024 – Virtual 	
<p>12:00 p.m.</p>	<p>Adjourn</p>	



Brian Abbott Fish Barrier Removal Board – March 2024 DRAFT Meeting Summary

Date: March 19, 2024

Time: 9:00 a.m. to 12:00 p.m.

Location: Virtual Meeting

Summary: Formal Actions / Decisions

Item	Formal Action
Board Decision: Meeting notes from February 2024	Approved

Summary: Follow-up Items and Next Steps

Item	Follow-up
RCW 70A.65.305	RCO and WDFW will continue to provide project sponsors guidance and resources for tribal consultation required under RCW 70A.65.305 (for projects funded through the Climate Commitment Act). Updates from the Governor’s Office of Indian Affairs (GOIA) will be shared when available.
Match Modernization	The Board will continue to monitor the Salmon Recovery Funding Board (SRFB)’s implementation of match modernization and consider updating the Board match requirements for future grant rounds. A decision on match modernization was postponed to at least the May Board meeting.
Funding Status Updates	WDFW and RCO will keep the Board updated on the project bundle submitted to NOAA’s grant, the 2024 Supplemental Budget, and the status of project sponsors seeking PROTECT funds.
Status of Returned Funds	RCO and WDFW will keep the Board updated on the status of returned funds and whether the funds are reserved for cost increases or advanced to alternate down the ranked project list.

Welcome/Introductions/Agenda Review: Triangle Associates (Triangle) facilitator, Joy Juelson, called the meeting to order at 9:00 a.m. Chair Thomas Jameson, Washington Department of Fish and Wildlife (WDFW), welcomed attendees. Alex Sweetser, Triangle, facilitated introductions with Board members and staff. A quorum was present.

Public Comment: The Board received a comment from a landowner concerned about traffic issues and the cost of fish passage projects, specifically on Highway 101 projects in Clallam County near Discovery Bay. These projects are managed by the Washington State Department of Transportation (WSDOT) and are not related to FBRB activities. The comment was forwarded to WSDOT.

Old Business: The notes for the FBRB February 2024 meeting were reviewed by the facilitator. A motion to approve the summary was made by Chair Jameson and seconded by April Magrane, WSDOT. The motion was approved with no objections.

General Updates:

Fish Passage Strategy Updates

Jane Atha, WDFW, shared that the Science Panel of subject matter experts have been meeting to unpack the metrics to include in the prioritization approach. WDFW attended the SRFB meeting in March to present the prioritization approach. WDFW plans on completing a draft of the Strategy by 2024, which will include recommendations from the Science Panel. Additionally, outreach workshops are expected to be held with the Regions and other stakeholders in the future.

WDFW Fish Passage Rulemaking (RCW 77.57)

Gabrielle Stilwater shared WDFW revised the draft rule language based on feedback provided in public comments received last summer and fall. The newest draft of the rule was reviewed by WDFW attorneys and WDFW is assessing how the update rule aligns with public comments. Outreach on the new rules is expected later this year. Information for this process will continue to be posted on [WDFW's Fish Passage Rulemaking webpage](#).

Legislative Session Updates

Chair Jameson shared the 2024 Supplemental Budget included \$22.1 million for the FBRB's grant program. However, these funds are from the Climate Commitment Act and are not available for Board projects until January 1, 2025, since the Climate Commitment Act will be on the ballot for November, 2024.

Board Project Funding Updates:

National Oceanic and Atmospheric Administration (NOAA)'s Restoring Fish Passage through Barrier Removal Grants Program (Culvert AOP)

In September 2023, the Board submitted a bundle of nine FBRB projects for \$13.3 million to NOAA's federal grant program (see [NOAA grant page](#)). Casey Costello, WDFW, shared a decision is not expected until June 2024.

Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Updates Call for Projects

The Washington State Department of Transportation (WSDOT) Local Programs currently has \$75 million in Federal Highway Administration (FHWA) funding available through the PROTECT program, with an additional \$25 million allocated specifically for Tribes. Throughout late 2022 and into 2023, the Fish Barrier Removal Board (FBRB) worked with nine eligible project sponsors to apply for nearly \$25 million of these funds for project design and implementation. Following discussions with WDFW and RCO staff, Local Programs confirmed that these project sponsors are not required to provide a match for the PROTECT funds, as the match requirements will be covered by Local Programs themselves.

A call for projects was issued and closed on February 16, 2024, aimed at allocating the remaining \$50 million to eligible sponsors. Casey Costello from Local Programs has informed that the final project list, which includes 16 projects requesting a total of \$90 million, has been submitted to WDFW. This oversubscription indicates that the Board will need to make decisions on which projects to prioritize and fund moving forward.

Update on Status of Returned Funds

John Foltz, RCO, gave an overview of funding for the Board's prioritized 23-25 Legislative Evaluation and Accountability Program (LEAP) list. RCO offered funding to project #55 using returned funds. RCO is working with sponsors to close projects that received PROTECT funding last year.

The Board is reserving \$1.75 million for cost increase requests, which are expected to come in when projects go to bid or begin construction during the in-water work window. The goal is to use all funds available, and the Board will need to decide when to stop replacing these funds and allocate any remaining funds to alternates. This decision is anticipated for fall 2024.

2025-2027 Grant Round Status Update

John Foltz, RCO, and Casey Costello, WDFW, shared applications for the Board's 2025-2027 grant Round closed on January 18, 2024. There were 60 applications for about \$80 million. RCO and WDFW are reviewing applications for completeness and eligibility. WDFW will rank the project list after the final application deadline of May 2.

Path Forward: WDFW and RCO will keep the Board updated on the project bundle submitted to NOAA's grant, the 2024 Supplemental Budget, and the status of project sponsors seeking PROTECT funds.

Path Forward: RCO and WDFW will keep the Board updated on the status of returned funds and whether the funds are reserved for cost increases or advanced to alternate down the ranked project list.

Discuss Policy Subcommittee Match Modernization Recommendation

Alex Sweetser, Triangle, shared that the Policy Subcommittee met on March 14, 2024 to discuss modernizing the match requirement for Board's grant program based on changes implemented by the SRFB for their grant program. The Subcommittee and RCO decided more time is required to review the data from past grant rounds and the implications of updating the Board's match requirements because the FBRB's program is very different from the SRFB's program. RCO will assess match provided by sponsors to date as well as additional unreported leveraged funds.

John Foltz shared that due to equity concerns, the FBRB cannot implement modernized match while in the middle of developing their 2025-2027 project list. So, a decision is not needed until summer 2025 because match changes would not be implemented until the Board launches its 2027-2029 grant round. Additionally, delaying match modernization implementation enables the Board to learn about how the SRFB implements match modernization.

A decision on match modernization was deferred until at least May 2024.

Board Discussion:

- Steve Manlow, Council of Regions, noted sponsors from depressed economic communities can have more difficulty coming up with the match. He suggested identifying which sponsors qualify for this determination. Erik Neatherlin, Governor's Salmon Recovery Office (GSRO), expressed support for considering equity with match modernization, especially when those communities overlap with priority watersheds.
- Erik Neatherlin clarified federal funds provided to the SRFB are a federal match to state funds.

Path Forward: The Board will continue to monitor the Salmon Recovery Funding Board (SRFB)'s implementation of match modernization and consider updating the Board match requirements for future grant rounds. The decision on match modernization was postponed to at least the May Board meeting.

Statewide Barrier Inventory Status Update

Chair Jameson announced that the Washington Department of Fish and Wildlife (WDFW) has completed an inventory of state-owned barriers within the designated "Case Area" of the Culvert Case Injunction. However, inventories outside the Case Area are still pending. Carl Schroeder from the Association of Washington Cities (AWC) is actively working to secure funding for cities to conduct fish passage barrier inventories within the Case Area. Axel Swanson from the Washington State Association of Counties (WSAC) noted that counties have received a contract this biennium to perform similar inventories.

Chair Jameson also provided details on the WDFW's Fish Passage and Diversion Screening Inventory (FPDSI), which includes 42,066 sites. These sites are identified as crossings where known stream and road layers overlap. Depending on the crossing's length, WDFW determines whether there is a bridge or, if narrower, a culvert. Of the total, 23,506 barriers have been identified, with the majority on private properties and 17,000 posing barriers to salmon and steelhead. The total number of barriers statewide was anticipated to be higher. It is estimated that there are approximately 2,740 to 3,425 additional city-owned sites and 16,000 to 20,000 county-owned sites outside of the Case Area. Most site inventories are conducted through habitat surveys, with 17.6% of all sites in the database identified via Reduced Sample Full Survey (RSFS) surveys for the Washington State Department of Transportation (WSDOT).

Questions and Discussion

- In response to April Magrane's question about how the Washington Department of Fish and Wildlife (WDFW) verifies barriers identified by external groups, Chair Jameson explained that these groups submit their data to WDFW. Following submission, WDFW biologists perform quality control checks and assess the surveys for completeness to ensure accuracy and reliability of the data.
- In response to April Magrane's inquiry about the types of barriers included in the inventory, WDFW staff clarified that the database encompasses all barriers, regardless of whether they currently pose issues. They further explained that during qualitative habitat assessments, WDFW biologists meticulously examine areas upstream and downstream of the barriers to reassess their status and update the inventory accordingly.

Climate Commitment Act Consultation Requirement

Chair Jameson highlighted the requirements under RCW 70A.65.305, which mandates that project sponsors receiving Climate Commitment Act funding consult with Tribes on projects potentially affecting them. This consultation must occur before moving to the pre-agreement phase. The FBRB's 2023-2025 project list, which received \$21 million out of \$48.4 million from this Act, is exempt as these projects are already under agreement with RCO and are therefore grandfathered in, negating the need for further tribal consultation.

For the 2025-2027 grant round, pending receipt of Climate Commitment Act funding, sponsors will be required to engage in consultation with Tribes as specified by the RCW. The Governor's Office is currently discussing with Tribes to clarify expectations under this RCW, particularly because the law originally targeted major energy projects and there is currently no defined pre-agreement phase.

Christy Rains from RCO mentioned that RCO has provided draft communications to project sponsors outlining their obligations under the RCW and recommended initiating tribal consultations preemptively.

The minimum compliance involves submitting a letter through PRISM. Coordination efforts are ongoing between RCO, WDFW, and the Governor's Office to potentially shift consultations to a government-to-government format between state agencies and Tribes rather than individual sponsors.

Questions and Discussion:

- Alice Rubin, RCO, noted this RCW does not replace RCO's cultural resource requirement.
- In response to Steve Manlow's query about how sponsors should proceed if Tribes raise concerns about their projects, RCO staff stated that they are collaborating with the Governor's Office and the Governor's Office of Indian Affairs (GOIA) to implement the RCW. They advised that sponsors could contact RCO for assistance in responding to Tribes.
- In response to a question from Chair Jameson about the current touch points where sponsors and WDFW engage with Tribes, Casey Costello explained the agency notifies local governments and Tribes as part of the HPA process. Christy added notifications go to tribal resource directors and permitting items go to tribal biologists.
- Christy noted RCO is working on additional resources for applicants to determine what Tribes may be affected by their projects.
- Steve Manlow emphasized that it is not appropriate to send identical letters to different Tribes. He recommended that each communication be tailored specifically to its recipient. Additionally, he suggested that RCO provide training and guidance to sponsors on effective communication strategies with Tribes.

Project and Policy Issue / Opportunities

Water Crossing Design Guidelines Update

Chair Jameson reported that Tribes have alerted the Washington Department of Fish and Wildlife (WDFW) about the need to update the agency's Water Crossing Design Guidelines. This year, WDFW received funding to revise various guidance documents, including these guidelines. The updates will incorporate insights from WSDOT's Injunction projects and involve collaboration with WSDOT and tribal biologists to introduce innovative project design solutions.

Can the Legislature Provide State Funding to Match Federal Funding Programs?

The Board addressed the challenge of securing matching funds for projects, particularly those receiving federal funding, similar to how Local Programs is providing matches for projects financed through PROTECT. Axel Swanson highlighted that cities and counties have been actively lobbying the legislature to secure state funding as a match for federal projects, and these discussions are starting to gain traction. This effort is crucial as local governments currently lack the funding structures necessary to adequately support the growing demands for road and bridge repair and construction.

Upcoming Engagement Opportunities

Seattle Times Article:

Chair Jameson noted that the Seattle Times published an article on March 10, 2024, discussing the state's efforts to repair culverts as mandated by the Culvert Case Injunction. The article received some negative feedback from tribes, state agencies, and the Governor. Four additional articles on this topic are scheduled for release later this year.

Adjourn: The meeting adjourned at 12:00 p.m.

Next Meeting: In-person/Hybrid Meeting on April 16, 2024.

ATTENDANCE

Board Members/Alternates:

April Magrane, Washington State Department of Transportation (WSDOT)	Karen Zirkle, Department of Natural Resources (DNR)
Axel Swanson, Washington State Association of Counties (WSAC)	Steve Manlow, Council of Regions
Chair Thomas Jameson, Washington Department of Fish and Wildlife (WDFW)	Susan Eugenis, WSAC
Casey Costello, WDFW	Tim Resseguie, Tim Resseguie Yakima Nation
Erik Neatherlin, Governor's Salmon Recovery Office (GSRO)	

WDFW, RCO Staff and Triangle Facilitation Team:

Amber Martens, WDFW	Julie Grobelny, WDFW
Daniel Coffman, WDFW	Kaylee Kautz, WDFW
David Collins, WDFW	Alice Rubin, Recreation and Conservation Office (RCO)
Gabrielle Stilwater, WDFW	Christy Rains, RCO
Gregory Boecker, WDFW	John Foltz, RCO
Jane Atha, WDFW	Alex Sweetser, Facilitation Support
Joel Ingram, WDFW	Joy Juelson, Facilitation Support

Others observing:

Adam Brown	Evan Lewis	Kevin Long
Daniel Howe	Jim Heytvelt	Tracy Gilson



Brian Abbott Fish Barrier Removal Board – April 2024 DRAFT Meeting Summary

Date: April 16, 2024

Time: 9:00 a.m. to 12:00 p.m.

Location: In-Person Meeting in Olympia with Virtual Options

Summary: Formal Actions / Decisions

Item	Formal Action
<p>Board Decision: Approval of Motion 2 – to nominate the list of prioritized projects numbered 1-14 to WSDOT Local Programs for PROTECT funding consideration. This includes the complete list minus one ineligible project and one incomplete application.</p>	<p>Approved</p>

Summary: Follow-up Items and Next Steps

Item	Follow-up
<p>Guest Speakers from Cramer Fish Sciences</p>	<p>The Board will invite Kai Ross and Phil Roni (Cramer Fish Sciences) to the May 2024 Board meeting to provide general updates on development of the Fish Passage Strategy and to share the Science Panel’s approach to optimization.</p>
<p>Cost Increase Subcommittee</p>	<p>Triangle will schedule a Cost Increase Subcommittee meeting in early May 2024 to discuss and develop recommendations for the Board for new cost increase requests.</p>
<p>RCW 70A.65.305 (Ongoing)</p>	<p>RCO and WDFW will continue to provide project sponsors guidance and resources for tribal consultation required under RCW 70A.65.305 (for projects funded through the Climate Commitment Act). Updates from the Governor’s Office of Indian Affairs (GOIA) will be shared when available.</p>
<p>Match Modernization (Ongoing)</p>	<p>The Board will continue to monitor the Salmon Recovery Funding Board (SRFB)’s implementation of match modernization and consider updating the Board match requirements for future grant rounds.</p>
<p>Funding Status Updates (Ongoing)</p>	<p>WDFW and RCO will keep the Board updated on the project bundle submitted to NOAA’s grant, the 2024 Supplemental Budget, and the status of project sponsors seeking PROTECT funds.</p>
<p>Status of Returned Funds (Ongoing)</p>	<p>RCO and WDFW will keep the Board updated on the status of returned funds and whether the funds are reserved for cost increases or advanced to alternate down the ranked project list.</p>

Welcome/Introductions/Agenda Review: Triangle Associates (Triangle) facilitator, Joy Juelson, called the meeting to order at 9:00 a.m. Chair Thomas Jameson, Washington Department of Fish and Wildlife (WDFW), welcomed attendees. Alex Sweetser, Triangle, facilitated introductions with Board members and staff. A quorum was present.

Public Comment: None

Old Business: The notes for the FBRB March 2024 meeting were reviewed by the facilitator. A decision to approve the summary was deferred to the next meeting in May to allow the Board more time to review.

General Updates:

WDFW Staffing Updates

Chair Jameson shared that WDFW is hiring a new Fish Passage Scoping Section Manager. The earliest start date would be June 1. Additionally, he shared that Amber Martens with WDFW is moving into the Compliance Division as a Compliance Section Manager and Julie Grobelny has accepted a position outside of WDFW. Both have provided support to the FBRB for several years. WDFW began recruitment for three new biologist positions to replace them and add capacity to the Fish Passage Division.

Fish Passage Strategy Updates

Jane Atha, WDFW, shared that the Science Panel of subject matter experts are discussing the metrics to be incorporated into the Strategy at the statewide scale and settled on an optimization approach to prioritize barrier projects. A draft of the Fish Passage Strategy is expected for the Science Panel review soon. Additionally, the Triangle Associates facilitation team is exploring outreach opportunities with Salmon Recovery Regions. Jane explained the Strategy is intended to integrate into other local and regional programs and strategies.

Board Discussion

- When asked by Carl Schroeder, Association of Washington Cities (AWC), about the timeline for a public review, Jane shared the timeline is dependent on the level of input received over the next month. The goal is to complete the Strategy by the end of 2024.
- In response to a question from John Foltz, Recreation and Conservation Office (RCO), about the Strategy including a cost-benefit component, Jane explained the Strategy will not include this. However, cost-benefit will be used during implementation of projects and assessed at a regional scale whereas the metrics in the Strategy will be focused on the statewide level.
- When asked if the criteria for the Strategy will be regional or site specific, Jane explained the metrics are site specific based on data throughout the watershed. The intent is that the restoration community can use the Strategy to identify the most important areas and barriers within those areas to prioritize for new projects.
- Chair Jameson explained the Strategy will include a public-facing optimization model that produces a heatmap based on benefits to fish. A second product will be a GIS-based scoring and ranking system, which anyone can use to assess barriers.
- When asked if these tools will connect projects within the same watershed, Jane confirmed the tool links barriers within a watershed, and it can identify linked barriers when one is removed.
- In response to a question about whether the optimization tool will include a reactive element in situations where a barrier is failing, Jane explained situations like this will likely be handled during implementation of the Strategy and not in through the model itself.
- Steve Manlow, Council of Regions, suggested implementation of the Strategy should align with the priorities of Salmon Recovery Regions. Jane agreed the tool needs to work for the Regions.
- The Board expressed interest in inviting staff from Cramer Fish Sciences to present on the development of the Fish Passage Strategy and the Science Panel's approach to optimization.

Action Item: The Board can invite Kai Ross and Phil Roni (Cramer Fish Sciences) to the May 2024 Board meeting to provide general updates on development of the Fish Passage Strategy and to share the Science Panel’s approach to optimization.

WDFW Fish Passage Rulemaking (RCW 77.57)

Gabrielle Stilwater shared WDFW intended to complete this rulemaking effort by 2023. However, the rule language needed to be revised based on feedback provided in substantial public comments. One item that is changing based on public feedback is to more ‘climate adaptive water crossings’ language from this rulemaking effort for future Hydraulic Project Approval (HPA) rulemaking. The newest draft of the rule is expected to be released this summer. Outreach on the new rules is expected later this year. Information for this process will continue to be posted on [WDFW’s Fish Passage Rulemaking webpage](#).

Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) FY 24 Funding List

Background

The Washington State Department of Transportation (WSDOT) Local Programs currently has \$75 million in Federal Highway Administration (FHWA) funding available through the PROTECT program, with an additional \$25 million allocated specifically for Tribes. Throughout late 2022 and into 2023, the Fish Barrier Removal Board (FBRB) worked with nine eligible project sponsors to apply for nearly \$25 million of these funds for project design and implementation. Following discussions with WDFW and RCO staff, Local Programs confirmed that these project sponsors are not required to provide a match for the PROTECT funds, as the match requirements will be covered by Local Programs themselves.

A call for projects was issued and closed on February 16, 2024, aimed at allocating the remaining \$50 million to eligible sponsors. The final project list from the call for projects includes 16 projects requesting a total of \$90 million. WDFW reviewed these projects and developed a ranked list (see meeting materials). The Board needs to nominate \$45 million of these projects.

Casey Costello, WDFW, and John Foltz presented the ranked project list and recommended three options for a Board motion (see presentation). They identified the following points for discussion with the Board:

- One project includes a tide-gate, which is an alternate design requiring Board review.
- One project is ineligible, and one project had an incomplete application.
- If funding goes down the list as ranked, the Fauntleroy Creek project requires more funds than funding would be available. Local Programs has indicated they need to fully fund projects.

Board Discussion:

- The Board discussed if there were any issues with advancing the project with the tide-gate given it is an alternative design. The current tide-gate is a fish passage barrier, and it would be replaced with a self-regulating tide-gate. Steve Manlow shared that the Regions have actively advocated for this project as its completion would open the door to future restoration opportunities in the watershed and may change landowner perspectives. Through discussion, the Board recognized the replacement would meet PROTECT needs and benefit fish. They agreed to advance the project.
- The Board agreed to remove the ineligible project and the project with an incomplete application.
- The Board discussed if the Fauntleroy Creek project should be moved to the bottom of the list given its cost and the funding implications for the rest of the list. The Board expressed concern about shifting the ranking of a higher ranked project based on its price alone and making this decision for Local Programs given uncertainty about the agency’s internal policy. Additionally,

they recognized the sponsor may be able to seek funds elsewhere or provide additional match funding to fill the gap. They decided to maintain the order of the ranked project list and defer the funding decisions to Local Programs.

Board Decision: A motion was made by Jeannie Abbott and seconded by Carl Schroeder to nominate the list of prioritized projects numbered 1-14 to WSDOT Local Programs for PROTECT funding consideration (complete list minus one ineligible project and one incomplete application) – Motion 2. Steve Manlow recused himself because the Regions actively advocated for projects on the PROTECT List. Susan Eugenis recused herself because there were Cowlitz County projects on the list. The motion was approved with no objections.

Board Project Funding Updates:

National Oceanic and Atmospheric Administration (NOAA)'s Restoring Fish Passage through Barrier Removal Grants Program (Culvert AOP)

In September 2023, the Board submitted a bundle of nine FBRB projects for \$13.3 million to NOAA's federal grant program (see [NOAA grant page](#)). Casey Costello shared that a decision is not expected until June 2024. It is anticipated that RCO will manage the funds for project sponsors.

Update on Status of Returned Funds

John Foltz shared RCO offered funding to project #55 using returned funds and is now working on an agreement with the project sponsor. Additional funding offers are on hold while the Board considers incoming cost increases and until more is known about the status of projects seeking federal funding.

The Board is reserving \$1.75 million for cost increase requests, which are expected to come in when projects go to bid or begin construction during the in-water work window. Cost increases are beginning to come in and the Board will need to decide on these at the next Board meeting in May. A discussion on whether to replace the funds available for cost increases is anticipated.

2025-2027 Grant Round Status Update

John Foltz and Casey Costello shared RCO and WDFW have completed their review of applications for the Board's 2025-2027 Grant Round for completeness and eligibility. There were 60 applications requesting about \$80 million. The final deadline for sponsors to update and submit their applications is May 2, 2024. Then, WDFW technical team will rank the project list after the final application deadline of May 2.

Path Forward: WDFW and RCO will keep the Board updated on the project bundle submitted to NOAA's grant, the 2024 Supplemental Budget, and the status of project sponsors seeking PROTECT funds.

Path Forward: RCO and WDFW will keep the Board updated on the status of returned funds and whether the funds are reserved for cost increases or advanced to alternate down the ranked project list.

Climate Commitment Act Consultation Requirement

Chair Jameson emphasized the obligations outlined in RCW 70A.65.305, which require project sponsors receiving Climate Commitment Act funding to consult with Tribes regarding potential project impacts before advancing to the pre-agreement phase. The FBRB's 2023-2025 project list, which allocated \$21 million out of \$48.4 million from this Act, is exempt due to existing agreements with RCO, eliminating the need for further tribal consultation.

For the upcoming 2025-2027 grant round, contingent upon Climate Commitment Act funding, sponsors will need to engage in Tribal consultation as per RCW specifications. The Governor's Office is currently in discussions with Tribes to clarify expectations under this law, especially given its original focus on major energy projects and the absence of a defined pre-agreement phase.

Christy Rains, RCO, shared that draft communications outlining sponsor obligations under RCW have been provided, recommending proactive initiation of tribal consultations. Minimum compliance entails submitting a letter through PRISM. Coordination efforts between RCO, WDFW, and the Governor's Office aim to potentially transition consultations to a government-to-government format between state agencies and Tribes rather than individual sponsors.

Questions and Discussion:

- It was mentioned that once sponsors notify Tribes regarding their projects, then Tribes can contact the sponsor if they wish to provide support.
- Axel emphasized the importance of complying with the law and commitment to implementing this for the next round of funding. He asked if there is room for collaboration with sponsors on refining this process in the future? Christy shared that sponsors must upload a notification letter to PRISM to qualify for funding, emphasizing the importance of timely notification. Ongoing discussions are being held on the collaborative approach between GOIA, Tribes, and state agencies for implementing this law.
- Alice Rubin, RCO, noted that this RCW does not replace RCO's cultural resource requirement. Sponsors have recognized the overlap with cultural resource assessment requirements.
- The Board discussed the path forward, which likely involves providing resources for project sponsors. Additionally, concerns have been raised about Tribes' willingness to participate in the process.

Project and Policy Issue / Opportunities

Notification of Upcoming Cost Increase Requests

Chair Jameson and John Foltz shared that the Board has received three cost increase requests that the Board needs to decide on. A Cost Increase Subcommittee meeting will need to be scheduled in early May to consider the cost increase requests and develop recommendations for the Board. WDFW and RCO anticipated the Board will receive more requests in April and May.

Action Item: Triangle will schedule a Cost Increase Subcommittee meeting in early May to discuss and develop recommendations for the Board for new cost increase requests.

Upcoming Engagement Opportunities

American Fisheries Society Meeting from April 30 – May 2 in Spokane, WA

Chair Jameson shared that several WDFW staff plan on attending the meeting. There will be some discussions on the FBRB's role and presentations on WDFW's fish passage efforts. Additionally, there will be a panel on fish passage. Chair Jameson and Susan Kanzler are expected to be panelists.

Seattle Times Article:

Chair Jameson noted that the Seattle Times published an article on March 10, 2024, discussing the state's efforts to repair culverts as mandated by the Culvert Case Injunction. The next article in the series is anticipated to be released soon and may be focused on the Steven Treaty Tribes' perspectives on the Injunction.

Adjourn: The meeting adjourned at 12:00 p.m.

Next Meeting: Virtual Meeting on May 21, 2024.

ATTENDANCE

Board Members/Alternates:

April Magrane, Washington State Department of Transportation (WSDOT)	John Box, Colville Tribes
Axel Swanson, Washington State Association of Counties (WSAC)	Karen Zirkle, Department of Natural Resources (DNR)
Carl Schroeder, Association of Washington Cities (AWC)	Steve Manlow, Council of Regions
Chair Thomas Jameson, Washington Department of Fish and Wildlife (WDFW)	Susan Eugenis, WSAC
Casey Costello, WDFW	Susan Kanzler, WSDOT
Erik Neatherlin, Governor's Salmon Recovery Office (GSRO)	Tim Resseguie, Tim Resseguie Yakima Nation
Jeannie Abbott, GSRO	

WDFW, RCO Staff and Triangle Facilitation Team:

Amber Martens, WDFW	Alice Rubin, Recreation and Conservation Office (RCO)
Daniel Coffman, WDFW	Christy Rains, RCO
David Collins, WDFW	Elezabeth Butler, RCO
Gabrielle Stilwater, WDFW	John Foltz, RCO
Jane Atha, WDFW	Josh Labert, RCO
Joel Ingram, WDFW	Alex Sweetser, Facilitation Support
Julie Grobelny, WDFW	Joy Juelson, Facilitation Support
Kaylee Kautz, WDFW	

Others observing:

Adam Brown	Evan Lewis	Tracy Gilson
Chery Baumann	Heidi Reynolds	Call-in User (1)

RESTORATION

See MSB Manual 5 for additional information regarding allowable costs.

				OVERALL PROJECT	GRANT REQUEST	ACTUAL COSTS	MATCH				
				Budget must account for all costs to complete the project	Enter only the amount of the grant request	Construction costs reported from bid sheet of low bidder (4/25/2024)	The Grant Request and Match should equal the total project cost and Budget Check cell should be 0. Sponsors must account for all sources and types of match need to complete the project.				
				Amount	Amount	Amount	Match in PRISM	New Match Not Previously Recorded	Source (Grant, Cash, Materials, Labor, Volunteers, etc)	Match Type (Federal, state, local)	
Construction											
Category (choose one)	Task Description	Qty	Rate								
Mobilization	Mobilization	1.00	\$ 133,000.00	\$ 133,000	\$ 133,000	\$ 259,000		\$ 100,000			
Demolition and site prep	Clearing and grubbing	1.00	\$ 22,000.00	\$ 22,000		\$ 275,000	\$ 22,000	\$ 65,000	Labor and equipment use	Wahkiakum County	
Demolition and site prep	Removal of culvert	1.00	\$ 10,000.00	\$ 10,000		\$ 11,600	\$ 10,000		Labor and equipment use	Wahkiakum County	
Demolition and site prep	Roadway excavation w/ haul	57.00	\$ 33.00	\$ 1,881		\$ 36,800	\$ 1,881		Labor and equipment use	Wahkiakum County	
Demolition and site prep	Select borrow w/ haul	308.00	\$ 17.60	\$ 5,421	\$ 5,421	\$ 5,421					
Demolition and site prep	Embankment compaction	154.00	\$ 6.60	\$ 1,016	\$ 1,016	\$ 98,768					
Construction	Channel excavation w/ haul	2,067.00	\$ 33.00	\$ 68,211	\$ 68,211	\$ 58,211	\$ 107,394	\$ 10,000	Labor and equipment use	Wahkiakum County	
Construction	Drop inlet type 1	1.00	\$ 2,750.00	\$ 2,750	\$ 2,750	\$ -					
Materials	Streambed sediment	334.00	\$ 82.50	\$ 27,555	\$ 27,555	\$ 13,000					
Materials	Streambed aggregate	216.00	\$ 82.50	\$ 17,820	\$ 17,820	\$ 50,000					
Materials	Habitat boulder - 7 min	6.00	\$ 82.50	\$ 495	\$ 495	\$ 9,600					
Construction	Handling and installation of large wood material	5.00	\$ 1,100.00	\$ 5,500	\$ 5,500	\$ 73,000					
Materials	Leas for structure	5.00	\$ 1,000.00	\$ 5,000	\$ 5,000	\$ -					
Equipment and equipment use	Temporary stream diversion	1.00	\$ 55,000.00	\$ 55,000	\$ 55,000	\$ -		\$ -			
Equipment and equipment use	Fish exclusion	1.00	\$ 1,100.00	\$ 1,100	\$ 1,100	\$ -		\$ -			
Construction	Temporary bridge installation and removal	1.00	\$ 173,800.00	\$ 173,800	\$ 173,800	\$ -					
Construction	Skirting stone	1.00	\$ 10,626.00	\$ 10,626	\$ 10,626	\$ 45,000					
Construction	Skirting excavation w/ haul (footings and structural earth walls)	1.00	\$ 115,500.00	\$ 115,500	\$ 115,500	\$ -		\$ -			
Construction	Structure excavation w/ haul (footings and structural earth walls), cubic yard	1,392.00	\$ 44.00	\$ 61,248	\$ 61,248	\$ -					
Materials	Gravel backfill for structural earth wall	95.00	\$ 55.00	\$ 5,225	\$ 5,225	\$ 4,900					
Construction	Formwork and drive steel test pile	2.00	\$ 11,000.00	\$ 22,000	\$ 22,000	\$ -					
Construction labor	Drive steel piles	12.00	\$ 2,200.00	\$ 26,400	\$ 26,400	\$ 98,600		\$ -			
Materials	Steel piles, per linear foot	370.00	\$ 110.00	\$ 40,700	\$ 40,700	\$ -					
Materials	Steel pile tip or shoe	12.00	\$ 220.00	\$ 2,640	\$ 2,640	\$ -		\$ -			
Materials	Steel reinforcement bar, per pound	3,333.00	\$ 1.65	\$ 5,499	\$ 5,499	\$ -		\$ -			
Materials	Class 4000 concrete, cubic yards	46.00	\$ 880.00	\$ 40,480	\$ 40,480	\$ 131,500		\$ -			
Construction	Transport, modify, install, and finish concrete girders	1.00	\$ 90,182.00	\$ 90,182	\$ 90,182	\$ 240,000		\$ -			
Materials	Bridge airbrs	4.00	\$ 23,750.00	\$ 95,000	\$ 95,000	\$ 997,000		\$ -	Materials	Wahkiakum County	
Materials	Texas 16 bridge railing, linear feet	125.00	\$ 88.00	\$ 11,000	\$ 11,000	\$ 57,040					
Materials	Structural earth wall, square feet	4,903.00	\$ 55.00	\$ 269,665	\$ 269,665	\$ -					
Construction	Gravel borrow for structural earth wall, cubic yards	1,851.00	\$ 77.00	\$ 142,527	\$ 142,527	\$ -					
Materials	Asphalt - HMA Cl. 1/2 in. PG 585-22, per ton	280.00	\$ 132.00	\$ 36,960	\$ 36,960	\$ 120,000		\$ 80,000			
Construction	Paint low linear feet	400.00	\$ 1.19	\$ 478	\$ 440	\$ 5,090					
Construction	Guardrail	4.00	\$ 3,850.00	\$ 15,400	\$ 15,400	\$ -					
Construction	Temporary traffic control	1.00	\$ 85,140.00	\$ 85,140	\$ 85,140	\$ 30,000		\$ 85,140	Labor and equipment use	Wahkiakum County	
Construction	Erosion Control, including CESCI and BMPs	1.00	\$ 42,240.00	\$ 42,240	\$ 42,240	\$ 151,000					
Construction	Post-construction seeding and planting	1.00	\$ 21,406.00	\$ 21,406	\$ 21,406	\$ 5,624					
Surveys	Surveying	2.00	\$ 11,000.00	\$ 22,000	\$ 22,000	\$ 79,120					
Construction	Roadside cleanup	1.00	\$ 10,000.00	\$ 10,000	\$ 10,000	\$ -					
Construction	French safety systems	1.00	\$ 1,100.00	\$ 1,100	\$ 1,100	\$ -					
Construction supervision	CREST project management and construction oversight, per hour	108.00	\$ 14.00	\$ 1,512	\$ 1,512	\$ -		\$ -			
Permits	Contracted services for updated permitting	1.00	\$ 4,000.00	\$ 4,000	\$ 4,000	\$ -		\$ -			
Construction supervision	Trovel for CREST staff to project site for construction oversight, per mile	1,224.00	\$ 0.59	\$ 716	\$ 716	\$ -		\$ -			
Construction supervision	County supervision of overall project	45.00	\$ 150.00	\$ 6,750	\$ 6,750	\$ -		\$ 6,750	Labor	Wahkiakum County	
				\$Total	\$ 1,723,226	\$ 1,490,454	\$ 2,499,036	\$ 135,271	\$ 245,000		
Administrative, Architectural & Engineering						From actual costs and Proposed EDC quote					
Category	Task Description	Qty	Rate								
Other	SPEC plan prep and submittal	1.00	\$ 4,400.00	\$ 4,400	\$ 4,400	\$ 4,400		\$ -	Cash	Wahkiakum County	
Other	Engineering during construction for questions and modifications	1.00	\$ 70,000.00	\$ 75,000	\$ 75,000	\$ 48,800		\$ -			
Final design	Modify bridge design to fit existing road alignment	1.00	\$ 135,000.00	\$ 135,000	\$ 75,000	\$ 138,070		\$ 60,000	Cash	Wahkiakum County	
Assessments (geologic, hydraulic, etc)	Update hydraulic assessment for updated bridge design	1.00	\$ 15,000.00	\$ 15,000	\$ 15,000	\$ 25,470		\$ -			
Administrative	Grant management and billing by CREST	104.00	\$ 53.00	\$ 5,512	\$ 5,512	\$ -		\$ -			
				\$ -	\$ -	\$ -		\$ -			
				\$ -	\$ -	\$ -		\$ -			
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				\$ -	\$ -	\$ -		\$ -			
				\$Total	\$ 234,912	\$ 170,512	\$ 212,340	\$ 66,400	\$ -		
Indirect Costs											
	Description	Approved Rate	Total Project Base								
	Indirect (CREST)	21.600%	\$ 11,844.00	\$ 3,253	\$ 3,253	\$ -		\$ -			
	Indirect	0.0000%	\$ -	\$ -	\$ -	\$ -		\$ -			
	\$Total			\$ 3,253	\$ 3,253	\$ -		\$ -			
A&E Budget Check				GTOTAL	\$ 1,959,391	\$ 1,664,219	\$ 2,711,376	\$ 200,171	\$ 245,000		
A&E maximum allowed in PRISM \$ 487,867.50				PRISM Project Total \$ 1,864,390				Match Percentage 10.74%			
A&E validation 252,956				RCO Percentage 89.26%				Match Percentage 10.74%			

BRIAN ABBOTT

Fish Barrier Removal Board

Amendment Form

Date: 4/18/2024

RCO Project Number: 21-1133 (now 22-1229,
after merging with our SRFB grant)

Sponsor Name: CREST

Project Name: Clear Creek Reconnection

Type of Amendment: Cost Increase Time Extension Scope Change

Justification: For cost increases, describe the need and specifically what the money will be used for. Please note: a grant cost increase requires the sponsor to increase its total match contribution to maintain the agreement's original cost share percentages. For time extensions that would place the project end date more than four years beyond the project start date, describe the reason and background for the delay and provide a timeline for project completion. For scope changes, describe the reason and what work types or elements of the project will change. Specify changes in quantities and/or metrics of project elements as necessary.

CREST and Wahkiakum County received construction bids for the project on April 16, 2024. There were two bids, both of which exceed all versions of our engineer's cost estimates and exceed the amount of funding we have available. The original grant requests were based on engineering cost estimates from 2018 for an older version of the design (shorter bridge, big structural earth walls, no large wood, reduced area of grading). The new design, which was completed in the last 8 months, nearly doubled the length of the proposed bridge (from 54' to 100'), increased the amount of proposed stream habitat and large wood, and added a cold-water refuge pool in lower Clear Creek near the Elochoman River confluence, among numerous other design changes. The low bid came in at \$3,098,576 (proposal uploaded into PRISM). Engineering/permitting costs have also been slightly higher than anticipated, due largely to there being more required changes to the old designs than anticipated, and additional cultural resources surveying for federal compliance. Our engineering firm has requested an additional \$75,070 for out-of-scope work, and that has added a bit to our overall costs as well, though our total engineering and permitting costs will only end up slightly higher than what we had originally estimated/requested.

Wahkiakum County had \$1,200,000 in road funding from County Roads Administration Board for this project (the non-bridge, non-stream portions), of which \$1,067,293.78 remains (after paying the design team and spending a small amount to "start" construction last fall to extend the funding one very last year). With the \$2,031,235.80 we have remaining in RCO funding, the project is still short about \$170,000. That shortage does not account for any Change Orders or other cost increases that might occur. We are requesting \$210,000 in additional funding to cover the difference between the amount of money that we have and the cost of the construction bid (discounting quoted engineering costs), plus a very small buffer to account for unanticipated costs that may arise during construction.

I have uploaded the low bid and our engineer's most recent contract amendment budget request into PRISM, along with the documents associated with this RCO Amendment request.

BRIAN ABBOTT

Fish Barrier Removal Board

Amendment Form

Supporting Documents Provided. (check all that apply):

- An updated Cost Estimate Spreadsheet composed of original budget with cost increase provided in a separate column clearly illustrating where costs have changed.
- An updated Project Milestone Worksheet
- Preliminary design package including design drawings and design report (Manual 22, Appendix C)

Review:



Approved: Yes No

Approved: Yes No

Date: [Click here to enter a date.](#)

Date: [Click here to enter a date.](#)

Name: [Click here to enter text.](#)

Name: [Click here to enter text.](#)

Reason

Reason

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Amendment Request Information ¹

Amendment Type (Check box for type(s) of amendment requested.)

- Scope (change of location, change in metrics)
- Time extension
- Cost (increase, decrease, match change)

Project name
HOKO RIVER
TRIBUTARY FISH
PASSAGE DESIGN
#80001279

Project number
22-1083

Date of request **3/19/24**

Sponsor(s) **North Olympic Salmon Coalition**

Lead Entity **NOPL**

Current end date **6/30/25**

Funding (Grants manager may need provide information for this section)

	Current Amount	Biennium/ Year of Funding	Request Amount	Share	New Funding Amount	New Share
Funding source (SRFB match)	\$43,983		\$28,121 (SRFB)	15%	72,104	15%
Funding Source (FBRB)	\$249,235 (FBRB)		\$159,350 (FBRB)	85%	408,585	85%
Project total	\$293,218		\$		\$480,689	

All Requests

- Brief project summary:

The project will complete a final design for the replacement of a Clallam County Road Culvert (#80001279) on an unnamed Hoko River tributary (19.0169) which enters the Hoko at river mile 9.4.

¹Please use the amendment matrix in Manual 18 to determine if a request needs lead entity approval. For cost increases using Puget Sound Acquisition and Restoration funds, provide this template to the Puget Sound Partnership for its approval.

- Current project progress: *(what tasks are complete and timeline for remaining tasks)*

We have begun the procurement process for engineering services. We have selected the best consulting firm from the applicant pool. We are in the process of negotiating the project SOW and budget.

Time Extensions

- Reason and justification for delay:
- Proposed new project milestones *(include any uncertainties)*:
- Number of time extensions that have been previously requested for this project:

Cost Increases

- Reason and justification for cost increase (*include any uncertainties*):

It has become apparent during the contracting for the design engineering that the estimates used to create the project budget were too low to support the work at this time. For the initial grant we used budget estimates provided by a consulting firm and checked those against our expectations of the cost of the work. It appears that the initial cost estimate was low or prices have increased dramatically in the time since the estimate was prepared, or a combination thereof.

Additionally since the time of the grant application NOSC has encountered situations that have driven up our staffing and overhead costs.

- Actions taken to control costs or limit the cost increase: (*include any other funding sources pursued*)

NOSC worked diligently with good cooperation from the design engineering firm to diminish costs and ground was gained, but it was not enough to be able to proceed with the project with the demonstrated deficit.

- Number of cost increases that have been previously requested for this project:

No cost increases have been previously requested for this project.

Scope Changes

- Description of, and reason for, scope change:
- **Acquisition projects:** see [Manual 3](#), Section 7 for specific scope change requirements and questions.

Attach documentation of lead entity approval.

Attach map if relevant.

BRIAN ABBOTT

Fish Barrier Removal Board

Amendment Form

Date: 3/20/2024

RCO Project Number: 21-1463

Sponsor Name: North Olympic Salmon Coalition

Project Name: Wright's Creek Culvert And Hatchery Intake Replacement

Type of Amendment: Cost Increase Time Extension Scope Change

Justification: For cost increases, describe the need and specifically what the money will be used for. Please note: a grant cost increase requires the sponsor to increase its total match contribution to maintain the agreement's original cost share percentages. For time extensions that would place the project end date more than four years beyond the project start date, describe the reason and background for the delay and provide a timeline for project completion. For scope changes, describe the reason and what work types or elements of the project will change. Specify changes in quantities and/or metrics of project elements as necessary.

It has become apparent during the contracting for the design engineering that the estimates used to create the project budget were too low to support the work at this time. For the initial grant we used budget estimates provided by a consulting firm and checked those against our expectations of the cost of the work based upon previous experience. It appears that the initial cost estimate was low or prices have increased dramatically in the time since the estimate was prepared, or a combination thereof. NOSC has pressed the consulting firm to reduce their costs, which they have, yet we are still short on funds to be able to implement the design project.

Additionally, since the time of the grant application NOSC has encountered situations that have increased our staffing and overhead costs from the time when the grant was written.

We will increase our provided match to keep match at 15%, see attached table.

This projects design is being implemented alongside the designs for nearby culvert correction projects #22-1083 and #21-1547 by the same design team in an effort to streamline the process and minimize costs. NOSC will be seeking separate cost increases on those projects whose budgets are similarly short. #21-1547 will be sought from FBRB and #22-1083 will be sought from SRFB.

Supporting Documents Provided. (check all that apply):

An updated Cost Estimate Spreadsheet composed of original budget with cost increase provided in a separate column clearly illustrating where costs have changed.

An updated Project Milestone Worksheet

BRIAN ABBOTT

Fish Barrier Removal Board

Amendment Form

Preliminary design package including design drawings and design report (Manual 22, Appendix C)

Review:



Approved: Yes No

Approved: Yes No

Date: [Click here to enter a date.](#)

Date: [Click here to enter a date.](#)

Name: [Click here to enter text.](#)

Name: [Click here to enter text.](#)

Reason

Reason

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BRIAN ABBOTT

Fish Barrier Removal Board

Amendment Form

Date: 3/20/2024

RCO Project Number: 21-1547

Sponsor Name: North Olympic Salmon Coalition

Project Name: Hoko Ozette Rd MP 2.9 80001331 Culvert Replacement

Type of Amendment: Cost Increase Time Extension Scope Change

Justification: For cost increases, describe the need and specifically what the money will be used for. Please note: a grant cost increase requires the sponsor to increase its total match contribution to maintain the agreement's original cost share percentages. For time extensions that would place the project end date more than four years beyond the project start date, describe the reason and background for the delay and provide a timeline for project completion. For scope changes, describe the reason and what work types or elements of the project will change. Specify changes in quantities and/or metrics of project elements as necessary.

It has become apparent during the contracting for the design engineering that the estimates used to create the project budget were too low to support the work at this time. For the initial grant we used budget estimates provided by a consulting firm and checked those against our expectations of the cost of the work based upon previous experience. It appears that the initial cost estimate was low or prices have increased dramatically in the time since the estimate was prepared, or a combination thereof. NOSC has pressed the consulting firm to reduce their costs, which they have, yet we are still short on funds to be able to implement the design project.

Additionally, since the time of the grant application NOSC has encountered situations that have increased our staffing and overhead costs from the time when the grant was written.

We will increase our provided match to keep match at 15%, see attached table.

This projects design is being implemented alongside the designs for nearby culvert correction projects #22-1083 and #21-1463 by the same design team in an effort to streamline the process and minimize costs. NOSC will be seeking separate cost increases on those projects whose budgets are similarly short. #21-1463 will be sought from FBRB and #22-1083 will be sought from SRFB.

Supporting Documents Provided. (check all that apply):

An updated Cost Estimate Spreadsheet composed of original budget with cost increase provided in a separate column clearly illustrating where costs have changed.

An updated Project Milestone Worksheet

BRIAN ABBOTT

Fish Barrier Removal Board

Amendment Form

Preliminary design package including design drawings and design report (Manual 22, Appendix C)

Review:



Approved: Yes No

Approved: Yes No

Date: [Click here to enter a date.](#)

Date: [Click here to enter a date.](#)

Name: [Click here to enter text.](#)

Name: [Click here to enter text.](#)

Reason

Reason

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Project Name HOKO OZETTE RD MP 2.9 80001331 CULVERT REPLACEMENT
 PRISM # 21-1547 Planning
 Sponsor North Olympic Salmon Coalition

DESIGN PROJECTS

The costs on this page are for design projects, not for the design phase of a restoration grant.
 Cost increase request 03.14.24

				OVERALL PROJECT	GRANT COST WITH INCREASE	Original Budget	INCREASE AMOUNT	MATCH						
				<i>Budget must account for all costs to complete the project</i>	<i>Enter only the amount of the grant request</i>			<i>The Grant Request and Match should equal the total project cost and Budget Check cell should be 0. Sponsors must account for all sources and types of match need to complete the project.</i>						
				Amount	Amount							Funding not reported in PRISM	Source (Grant, Cash, Materials, Labor, Volunteers, etc)	Match Type (federal, state, local)
Design Costs				Revised Total Project Cost	Revised Total Grant Request	Original Grant Request	Cost Increase Request	Total Revised Match	Original Match	Match Increase Request				
Category	Task Description	Qty	Rate											
Cultural resources		1.00	\$ 9,600	\$ 9,600	\$ 8,160	\$ 6,800	\$ 1,360	\$ 1,440	\$ 1,200	\$ 240	\$ -	Grant	unknown	
Permits	<i>permit preparation, permit fees, wetland delineation</i>		\$ 43,675	\$ 43,675	\$ 37,123	\$ 35,360	\$ 1,763	\$ 6,551	\$ 6,240	\$ 311	\$ -	Grant	unknown	
Final design	<i>Includes all studies, permit support, 100% Design, design oversight & contractor mgmt</i>	1.00	\$ 329,712	\$ 329,712	\$ 280,255	\$ 176,333	\$ 103,922	\$ 49,457	\$ 31,118	\$ 18,339	\$ -	Grant	unknown	
Administrative	<i>Includes grant and project management, bookkeeping, direct project costs</i>	1.00	\$ 96,028	\$ 96,028	\$ 81,623	\$ 44,790	\$ 36,833	\$ 14,404	\$ 7,904	\$ 6,500	\$ -	Grant	unknown	
Other	<i>Travel (mileage & Per Diem)</i>	1.00	\$ 1,373	\$ 1,373	\$ 1,167	\$ 1,167	\$ (0)	\$ 206	\$ 206	\$ (0)	\$ -	Grant	unknown	
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
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				STotal	\$ 480,387	\$ 408,329	\$ 264,450	\$ 143,879	\$ 72,058	\$ 46,668	\$ 25,390	\$ -		

GTOTAL	\$	480,387	\$	408,329	\$	264,450	\$	143,879	\$	72,058	\$	-
				PRISM Project Total						\$	480,387	
				RCO Percentage							Match Percentage	15.00%
				0.85								