

**Brian Abbott Fish Barrier Removal**  
 Final Applications 2025-2027 (Sorted by County)



Project Name	Project Number (link to project details)	Grant Applicant	Project Type	Water Resource Inventory Area	County	Project Description (Not edited by RCO)	RCO Grants Manager	Grant Request	Applicant Match	Total
Eagle Creek Five Fish Passage Barriers	<a href="#">23-1898</a>	Chelan Co Natural Resource	Planning	45 - Wenatchee	Chelan	This project includes the complete design for replacement of five culverts on Eagle Creek, a tributary to Chumstick Creek in the Wenatchee River watershed. Replacement of these barriers would immediately improve fish migration and accessibility to over 3 river miles of quality instream habitat. This project is part of a larger effort to restore passage to the lower five miles of Eagle Creek providing intrinsic potential habitat for steelhead and Chinook salmon. Fifteen barriers exist in this 5-mile reach of lower Eagle Creek. Through this proposal and other active and proposed projects, thirteen of those fifteen barriers are being addressed. Therefore, funding this proposal is crucial to opening access to the lower 5 miles of intrinsic potential habitat for steelhead and Chinook salmon in the Eagle Creek watershed.	Foltz, John	\$345,595	\$0	\$345,595

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Sand Creek culvert replacement	<a href="#">23-1908</a>	Chelan Co Natural Resource	Restoration	45 - Wenatchee	Chelan	This project includes construction funding to replace the only barrier on Sand Creek, an important tributary to Mission Creek near Cashmere, WA. The existing culvert has been rated 33% passable due to depth and velocity. The replacement of this culvert will open passage to 1.5 miles of intrinsic potential habitat for Chinook salmon and steelhead. The high-quality upstream habitat is under U.S. Forest Service ownership. The Mission Creek watershed hosts one of the strongest wild Steelhead populations in the Wenatchee River watershed. This project leverages support from other agencies that have funded the design process.	Foltz, John	\$393,318	\$69,410	\$462,728

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Derby Creek Lowest Two Barriers	<a href="#">23-1924</a>	Chelan Co Natural Resource	Restoration	45 - Wenatchee	Chelan	Chelan County proposes to replace the lowest two barriers on Derby Creek, a tributary to the Wenatchee River near Peshastin, WA that provides Chinook salmon and steelhead habitat. This restoration project includes replacing a BNSF box culvert railroad crossing with a new bridge, addressing the lowest fish passage barrier on Derby Creek. The existing box culvert is 33% passable due to slope. This project also includes installing a bridge to replace the next barrier upstream, a 33% passable road crossing culvert. There has been significant investment of local, state, and federal funds to address all other fish barriers upstream, many of which have already been completed. The remaining barriers on Derby Creek will be replaced over the next few years. This restoration project will provide access to over five (5) miles of habitat for spring Chinook, steelhead, and other species.	Foltz, John	\$3,096,125	\$546,375	\$3,642,500

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Derby Creek Barrier Design	<a href="#">23-1927</a>	Cascade Col Fish Enhance Group	Planning	45 - Wenatchee	Chelan	The goal of this project is to improve fish passage for ESA-listed chinook and steelhead in Derby Creek by completing final designs for six fish passage barriers. CF will complete designs for the barriers 040069, 040073, 040068, 040065, 132151082 and 132142288C. Barrier 132142288C is 0% passable, barriers 040069, 040073, 040065, and 132151082 are 33% passable, and barrier 040068 is 67% passable. The owner of barriers 040069, 040073, and 040068, has indicated he may be amenable to abandoning one of his three crossings. The barrier 132151082 is used for agricultural access to a pasture, and a cost-efficient solution, potentially an engineered ford, will be investigated as an appropriate crossing solution. CF will complete pre-construction cultural resource requirements for the six fish passage barriers in addition to final designs. Regulatory agencies will be engaged throughout the design process, and as designs are completed CF will apply for the required permits. This proposal will continue implementation of a multi-year effort undertaken by CF to replace fish passage barriers on private land in Derby Creek, which is within the priority watershed for the Upper Columbia Region. Derby Creek is fed by several perennial groundwater springs with fair to good riparian habitat. Water temperatures stay within acceptable limits for salmonids in mid-summer. Completion of the design and later restoration project would increase access to spawning and cold-water rearing habitat.	Foltz, John	\$350,000	\$0	\$350,000

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Derby Creek Barrier Correction	<a href="#">23-1928</a>	Cascade Col Fish Enhance Group	Restoration	45 - Wenatchee	Chelan	<p>Cascade Fisheries (CF) is seeking funding to correct a fish passage barrier in Derby Creek, a tributary to the Wenatchee River (approximately RM 19) in Peshastin, WA. The goal of this restoration project is to improve fish passage for ESA-listed chinook (<i>Oncorhynchus tshawytscha</i>) and steelhead (<i>Oncorhynchus mykiss</i>), and resident rainbow trout (<i>O. mykiss</i>) by replacing a 33% passable culvert with a 40' span steel prefabricated bridge that is 100% passable.</p> <p>Implementation of this project will improve upstream fish access to 1.1 miles of Derby Creek, as measured from the project barrier to the next upstream complete barrier. To complete the project, CF will complete pre-construction requirements including, final designs, cultural resources, and permitting, then hire construction contractors to complete the restoration. Preliminary design are completed with funding from the USFWS. The Derby Creek Fish Barrier Restoration project is within the priority watershed for the Upper Columbia Region, with Derby Creek being the second priority stream within the Wenatchee HUC10. Instream habitat in Derby Creek primarily consists of shallow riffle stretches interspersed with limited pools and is fed by several perennial groundwater springs with fair to good riparian habitat. Water temperatures stay within acceptable limits for salmonids in mid-summer. Completion of the restoration project would increase access to spawning and cold-water rearing habitat.</p>	Foltz, John	\$335,000	\$60,500	\$395,500

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Eagle Creek Barrier 601644 Correction	<a href="#">23-1930</a>	Chelan Co Natural Resource	Restoration	45 - Wenatchee	Chelan	This project includes the complete design and construction of one barrier correction on Eagle Creek, a tributary to Chumstick Creek in the Wenatchee River watershed. Replacement of this barrier would immediately improve fish migration and accessibility to 0.8 river miles of quality instream habitat. This project is part of a larger effort to restore passage to the lower five miles of Eagle Creek providing intrinsic potential habitat for steelhead and Chinook salmon. Fifteen barriers exist in this 5-mile reach of lower Eagle Creek. Through this proposal and other active and proposed projects, thirteen of those fifteen barriers are being addressed. Therefore, funding this proposal is crucial to opening access to the lower 5 miles of intrinsic potential habitat for steelhead and Chinook salmon in the Eagle Creek watershed.	Foltz, John	\$413,839	\$73,031	\$486,870

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Eagle Creek Full Barrier Removal	<a href="#">23-1945</a>	Cascadia Conservation District	Restoration	45 - Wenatchee	Chelan	The goal of the project is to construct a bridge replacement for a failing culvert that is an Upper Columbia (Wenatchee River) Tier 1 priority spring Chinook and Tier 1 steelhead barrier. The project will increase potential fish habitat by 1.38 river miles on Eagle Creek when downstream partial barriers are corrected (9 of 11 barriers are already in design/construction stage with partner CCNRD). Eagle Creek, the primary tributary of Chumstick Creek, has been degraded overtime through anthropogenic development and agricultural effects that has reduced fish passage through the system and interrupted natural processes. At the project site, WDFW barrier 608267, the creek is severely incised downstream of the culvert (plunge pool height of 4.6 m, WS drop barrier). The landowner strongly supports replacing the culvert with a small footbridge. This project received design funding and it includes a permit ready design as part of the application (attachment). The final design will be completed before the summer of 2024. This proposal requests construction funding to remove the culvert, regrade the channel bed to meet all design parameters, and replace the crossing with a footbridge, and restore native vegetation. We will be ready for construction as early as summer of 2024. Secondly, local residents use the current crossing to access Forest Service owned uplands both for recreation year-round and the footbridge will continue to provide this recreational access to public lands.	Foltz, John	\$321,500	\$56,736	\$378,236

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Butler Creek-Pillar Point Park Culvert #993889	<a href="#">23-1786</a>	North Olympic Salmon Coalition	Planning	19 - Lyre - Hoko	Clallam	The project will design the replacement of a Clallam County Road Culvert #993889 on Butler Creek, an independent tributary that enters the Strait of Juan de Fuca just east of the mouth of the Pysht River. The subject culvert is at the mouth of Butler Creek, is tidally influenced, and has been determined by WDFW in 12/2023 to be a partial passage barrier at 67% passable. This is currently the North Olympic Peninsula Lead Entity's #1 ranked culvert correction in the Pysht HUC 10 in need of design funding. Butler Creek forks into two nearly equally sized streams about 400 meters upstream of the culvert. Within ~20 meters more upstream these streams cross beneath Highway 112 in culverts. The Highway 112 crossings are complete barriers scheduled for correction by WSDOT by 2029. Butler Creek and the tributary to Bulter Creek exhibits good sinuosity, adequate spawning gravels, moderate riparian cover and large instream wood complexes. In combination with the upstream WSDOT culvert corrections this project will restore unrestricted fish access to 1351 meters of salmon and steelhead spawning and rearing habitat in Butler Creek and 2262 meters in the Butler Creek tributary.	Rubin, Alice	\$539,443	\$95,196	\$634,639



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Gage Creek Culvert #80001332 Hoko Ozette Rd	<a href="#">23-1934</a>	North Olympic Salmon Coalition	Planning	19 - Lyre - Hoko	Clallam	The project will design the replacement of a Clallam County Road Culvert #80001332 on Gage Creek, a Hoko River tributary. The culvert is 33% passable with spawning and rearing habitat upstream. The tributary exhibits good sinuosity, adequate spawning gravels, good riparian cover and large instream wood complexes. This is currently the North Olympic Peninsula Lead Entity's 2nd ranked culvert correction in the Pysht HUC 10 in need of design funding. Culvert replacement will open .25 Miles of salmon and steelhead spawning and rearing habitat.	Rubin, Alice	\$416,218	\$73,451	\$489,669

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Allender Road Stillwater Creek Fish Passage	<a href="#">23-1862</a>	Cowlitz County of	Restoration	26 - Cowlitz	Cowlitz	Cowlitz County proposes to restore fish passage at a concrete box culvert on Stillwater Creek beneath Allender Road at milepost 0.36. This culvert is the only remaining barrier on Stillwater Creek upstream to the headwaters. There are no barriers downstream to Olequa Creek and the Cowlitz River. The WDFW assessment results are that this barrier is 0% passable due to water depth. Fixing this complete barrier will result in approximately 10 miles of unimpeded habitat gain in Stillwater Creek and Becker Creek for ESA-listed fall Chinook, coho, and steelhead, as well as sea-run cutthroat and resident trout.	Foltz, John	\$2,893,400	\$510,600	\$3,404,000

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South Toutle Road Outlet Creek Fish Passage Design	<a href="#">23-1863</a>	Cowlitz County of	Planning	26 - Cowlitz	Cowlitz	This project will correct a fish-passage barrier near Toutle in Outlet Creek beneath South Toutle Road. Correcting this barrier would benefit 3 ESUs/DPSs of ESA-listed salmon and steelhead. According to SWIFD, there is spawning habitat upstream for the threatened Lower Columbia River Coho ESU and Lower Columbia River Steelhead DPS. The Lower Columbia River Chinook ESU is present in this stream. Sea-run cutthroat are present, and resident rainbow trout are presumed to be present. This stream is access to Silver Lake and its tributaries such as Hemlock Creek and Sucker Creek that have spawning and rearing habitat for fall Chinook, coho, and steelhead.	Foltz, John	\$408,000	\$72,000	\$480,000

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South Toutle Road Studebaker Creek Fish Passage	<a href="#">23-1864</a>	Cowlitz County of	Planning	26 - Cowlitz	Cowlitz	This project will correct a fish-passage barrier near Toutle in Studebaker Creek beneath South Toutle Road. Correcting this barrier with only 33% passability would benefit 4 ESUs/DPSs of ESA-listed salmon and steelhead. According to SWIFD, there is spawning habitat for the threatened Lower Columbia River Coho ESU and Lower Columbia River Steelhead DPS. The Lower Columbia River Chinook ESU is present in this stream, and the Lower Columbia Chum ESU and spring Chinook are presumed to be present. Sea-run cutthroat are present and resident rainbow trout are presumed to be present.	Foltz, John	\$408,000	\$72,000	\$480,000

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Lapham Road Wyant Creek Fish Passage Design	<a href="#">23-1865</a>	Cowlitz County of	Planning	26 - Cowlitz	Cowlitz	This project will correct a fish-passage barrier near Toutle in Wyant Creek beneath Lapham Road. Correcting this velocity barrier would benefit 4 ESUs/DPSs of ESA-listed salmon and steelhead. According to SWIFD, there is spawning habitat for the threatened Lower Columbia River Coho ESU and Lower Columbia River Steelhead DPS. The Lower Columbia River Chinook ESU is present in this stream, and the Lower Columbia Chum ESU and spring Chinook are presumed to be present. Sea-run cutthroat and resident rainbow trout are also presumed to be present.	Foltz, John	\$382,500	\$67,500	\$450,000

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Schoolhouse Creek (Coweeman) Culvert Replacement	<a href="#">23-1920</a>	Lower Columbia FEG	Restoration	26 - Cowlitz	Cowlitz	LCFEG will sponsor this barrier improvement project that when completed will provide 1.25 miles of habitat to Chinook, steelhead, and coho. This is a simple, straight-forward project with obvious benefits to fish. The Lower Columbia Fish Enhancement Group (LCFEG) worked with the Cowlitz Indian Tribe to get this project off the ground. Upon inspecting the creek conditions upstream of the documented barrier (WDFW ID 1350164), LCFEG discovered several old redds, a partial barrier around RM 0.5, documented relic cedar springboard stumps and historic water diversions, and identified an alder-dominant floodplain with limited young conifers growing in the understory. This proposal only includes addressing the Schoolhouse Road barrier. LCFEG will apply for other funding through the SRFB to address the other habitat issues in the watershed.	Foltz, John	\$402,876	\$72,790	\$475,666

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Camp Cr. at Monte Elma Rd. Fish Passage Const.	<a href="#">23-1829</a>	Chehalis Basin FTF	Restoration	22 - Lower Chehalis	Grays Harbor	The Chehalis Basin Fisheries Task Force will use funds for this restoration project to correct fish passage barrier culvert #127S0318 east of Montesano on at milepost 3.1 on Monte Elma Road in Grays Harbor County. The site is on Camp Creek, a tributary to Metcalf Slough which flows into the Chehalis River mainstem at river mile 14.7. The goal is to restore full fish passage by removing the undersized culvert and replacing it with a structure that is passable to all aquatic species and life stages. This project will open 0.13 miles to the next upstream barrier. A total of 4.93 miles of excellent spawning and rearing habitat have been verified upstream from the project site. Four species of salmonids will benefit from the improved habitat conditions in Camp Creek as a result of these projects, including coho and chum salmon as well as steelhead and cutthroat trout. The project was designed and permitted under grant #16-1327. The current proposal is for construction to implement the existing project design.	Rubin, Alice	\$613,925	\$108,370	\$722,295

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Center Road MP 3.23 Fish Barrier Removal	<a href="#">23-1792</a>	Jefferson Co Public Works	Planning	17 - Quilcene - Snow	Jefferson	This is a planning project for the design of a new fish-passable structure at Center Road Milepost 3.23 (Chimacum Creek) that will replace an existing fish barrier. Work will include consultant selection, management, conceptual studies, preliminary designs, permitting, and final plans, specifications and estimates. The existing crossing consists of two culverts, one 48-inch and one 78-inch corrugated metal pipe culverts, identified as a fish barrier by WDFW due to excessive velocity. The pair of culverts have a WDFW passability rating of 33%. The stream velocity and elevation of the culverts are limiting Coho, Fall Chum, Steelhead Trout and other anadromous fish species from accessing the upper portions of Chimacum Creek and it's tributaries. Chimacum Creek is in WRIA 17.0203 and is tributary to Port Townsend Bay. The Chimacum watershed has 15,094 sq. meters of spawning area and 18.7 stream miles upstream of the Center Road crossing, according to the WDFW Level A Assessment Report dated 8/3/2016. Correcting the barrier will add 3.74 miles of significant upstream habitat, and as it is sited low in the watershed it is a crucial step in furthering the restoration of Chimacum creek and its tributaries. This project has a WDFW priority index of 68.79.	Lambert, Josh	\$504,900	\$89,100	\$594,000



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Dowans Creek Private Barrier Removal	<a href="#">23-1918</a>	Wild Salmon Center	Restoration	20 - Soleduc	Jefferson	This project will correct a privately owned fish passage barrier on Dowans Creek, a tributary in the Bogachiel River watershed near Forks, WA. The project site (WDFW ID 930813) is a 33% passable barrier that is immediately downstream of a US 101 33% passable barrier (WDFW ID 991575) scheduled to be corrected by WSDOT in 2024 as part of the culvert injunction requirement. Upstream of the two adjacent crossings, there is 1 mile of low gradient spawning and rearing habitat for coho, steelhead, searun cutthroat trout, and resident trout. The goal of the project is to restore access for native salmonids to their historic range of habitat use, and unless this private barrier is addressed, the full benefit of the WSDOT investment in restoring fish passage throughout Dowans Creek will not be achieved. The objectives of the project include final design and construction of a replacement crossing that will provide fish passage and allow landowners to maintain access to their property on the far side of the tributary. A preliminary design has been completed by project partners using private funds, based on survey data and hydraulic models that WSDOT made available from their work on the adjacent barrier site. The intent of the preliminary design alternative is to carry the hydraulic opening, stream cross section, and stream profile from the WSDOT crossing down through the private crossing to provide continuous geometry and similar hydraulic conditions.	Rubin, Alice	\$1,048,097	\$188,872	\$1,236,969

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SE High Point Way Culvert Replacement	<a href="#">23-1822</a>	King County Road Srvc Div	Planning	8 - Cedar - Sammamish	King	King County will design a bridge to replace an undersized culvert with a rise of 6.3 ft and a span of 14.86 ft that conveys East Fork Issaquah Creek under SE High Point Way, north of the I-90 Exit 20 interchange. The new crossing will meet the 2013 WDFW Water Crossing Guidelines, and accommodate for climate change over the next 50-75 years. It will provide passage to all species and life stages of aquatic life. It will span approximately 70 feet to accommodate the needed bankfull width and skewed contour conditions. (Final span and configuration will be determined after preliminary design.) The creek is a high-quality migration corridor and spawning habitat for Chinook, coho, and kokanee/sockeye. The project will restore full salmon access to at least 5.15 miles of stream (up to the next known barriers). Among King County-owned barriers, the SE High Point Way barrier is the highest-ranked for habitat priority. It is a key element of our Fish Passage Work Plan identifying 60+ fish passage projects that will restore salmon access to at least half the stream habitat blocked by county-owned barriers by 2032. Because of benefits to Chinook, it is a Tier 1 project on the WRIA 8 Four Year Workplan. Upstream of the project site, the creek has riparian buffers and access to smaller tributaries throughout its length. The site is adjacent to the Issaquah-to-Preston regional trail, which provides public access to areas that will benefit from improved recreation and angling opportunities.	Foltz, John	\$1,306,535	\$230,565	\$1,537,100

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Fauntleroy Cr Culvert Replacement at Calif. Ave SW	<a href="#">23-1921</a>	Seattle Public Utilities	Planning	9 - Duwamish Green	King	Seattle Public Utilities requests \$1.495 million to design the replacement of a fish passage barrier on Fauntleroy Creek at California Ave SW in the West Seattle neighborhood. The Fauntleroy Creek watershed comprises multiple city parks and public land that surround the creek until it enters Puget Sound at WSDOT's Fauntleroy Ferry Terminal. SPU has documented chum, sculpin, resident cutthroat, and Coho in the creek. This is the second of multiple projects to improve fish passage on Fauntleroy Creek, giving salmon access to one of the healthiest watersheds in Seattle. The Calif. Ave SW culvert is more than 100 years old, undersized for current conditions, and in very poor structural condition. SPU owns and maintains two other culverts on Fauntleroy Creek: a failing one at 45th Ave SW (#23-1922) and an outdated, partially blocked one near the ferry dock. Replacing this culvert will open an additional .32 miles of habitat. Once all three culverts are replaced, there will be approximately 0.7 miles of passable creek and improved fish habitat. SPU seeks FBRB funds specifically to advance culvert replacement and habitat restoration design work. SPU completed conceptual designs and value engineering for this and the 45th Ave SW projects. The project site is located partially on land owned by SPU (196 ft of clay pipe) and partially on land owned by the Fauntleroy Church (180 ft of concrete pipe). SPU is in discussion with the church to access their property for this project.	Foltz, John	\$1,495,000	\$770,000	\$2,265,000

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Fauntleroy Cr. Culvert Replacement at 45th Ave SW	<a href="#">23-1922</a>	Seattle Public Utilities	Restoration	9 - Duwamish Green	King	Seattle Public Utilities requests \$3.9 million for construction of a fish passable culvert to replace a fish passage barrier on Fauntleroy Creek at 45th Ave SW in the West Seattle neighborhood. The Fauntleroy Creek watershed comprises multiple city parks and public land that surround the creek until it enters Puget Sound at the WSDOT-owned Fauntleroy Ferry Terminal. SPU has documented chum, sculpin, resident cutthroat, and coho in the creek. This is the first of multiple projects to improve fish passage on Fauntleroy Creek, giving salmon access to one of the healthiest watersheds in Seattle. The 45th Ave SW culvert is more than 100 years old, undersized for current conditions, and is in very poor structural condition. SPU owns and maintains two other culverts on Fauntleroy Creek: a failing one at California Ave SW (Application #23-1921) and an outdated, partially blocked one near the ferry dock. This project is entirely within the City's right of way. SPU has completed conceptual designs and value engineering for this and the upstream California Ave SW projects. SPU seeks FBRB funds specifically to support installation of a new 14-foot-wide culvert to replace the existing 24-inch-wide clay pipe and restore the stream channel. Replacing the 45th Ave SW culvert will open an additional .14 miles of habitat, and once all three culverts are replaced, there will be approximately 0.7 miles of passable creek and improved fish habitat.	Foltz, John	\$3,900,000	\$17,258,000	\$21,158,000

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Seidel Creek Multiple Fish Barrier Correction Desi	<a href="#">23-1925</a>	Adopt A Stream Foundation	Planning	8 - Cedar - Sammamish	King	This project proposes to create final designs and secure permits for the correction of two 33% passable culverts on a privately owned property in Woodinville, WA. Both culverts are located on the same property about 100 feet apart from one another on Seidel Creek, a tributary to Bear Creek which is a Tier 1 core Chinook use stream according to the WRIA 8 Chinook Recovery Plan. Seidel Creek was historically home to coho, sockeye, trout, and ESA-listed Chinook salmon. However, for decades fish passage issues have prevented anadromous fish access to this stream. In an effort to restore salmonid access, the City of Redmond removed the only complete barrier in the system in 2015, a 5-foot-tall concrete dam which had blocked fish access for over 88 years. Attention has now turned to the remaining partial barriers. A total of eight partial fish passage barriers remain in the Seidel Creek drainage. The City of Redmond is currently focusing its efforts on the 4 remaining barriers within the Redmond Watershed Preserve while AASF is focusing its effort on two privately owned barriers outside of the Preserve. This project will provide salmon, trout, and other species access to the high quality habitat in the Redmond Watershed Preserve. Through the combined efforts of AASF and the City of Redmond, the ambitious but attainable goal is to correct all Seidel Creek fish passage barriers within the next 6 years (see City of Redmond Letter of Support).	Foltz, John	\$103,000	\$0	\$103,000

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George Davis Creek Fish Passage Construction	<a href="#">23-1943</a>	Sammamish City of	Restoration	8 - Cedar - Sammamish	King	The City of Sammamish will use this grant to fund final design and construction to remove three fish passage barriers on the lowest one half-mile of George Davis Creek, east of Lake Sammamish. In partnership with King County, the outcome will eliminate a total of four barriers between Lake Sammamish and the next barrier at NE 6th St (920113). The project is located in King County near East Lake Sammamish Parkway (ELSP) at NE 7th Court. The City will remove three barriers including 920017, 920111, and 920112 (the concrete dam 1,140 feet upstream of Lake Sammamish). King County will remove 920268 with their trail project. Combined, the outcome will restore fish access beyond the dam, to 4,000 lineal feet (.75 mi) of high-quality spawning and rearing ecosystem habitat. The target species supported are the native kokanee salmon, coho, sockeye, steelhead, and cutthroat and rainbow trout which will greatly benefit from the significant increase in habitat gain. During recent years, kokanee have been observed annually along the 100 feet of accessible stream, making this an exciting opportunity to revive the population and runs in this tributary stream to Lake Sammamish. Since 2018, WRIA 8, the Kokanee Work Group, the Snoqualmie Indian Tribe, the City of Sammamish, King County, and several private property owners have identified George Davis Creek as a regionally significant stream for kokanee salmon restoration and a priority for capital investment to improve stormwater conveyance.	Foltz, John	\$4,455,000	\$1,885,000	\$6,340,000

**Brian Abbott Fish Barrier Removal**  
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Project Name	Project Number (link to project details)	Grant Applicant	Project Type	Water Resource Inventory Area	County	Project Description (Not edited by RCO)	RCO Grants Manager	Grant Request	Applicant Match	Total
Parish Creek Fish Barrier Removal	<a href="#">23-1830</a>	Bremerton Public Works	Restoration	15 - Kitsap	Kitsap	The project will replace an existing 65-ft long, 48-inch diameter corrugated metal pipe culvert and fishway which is a 100% fish passage barrier with a new 25-ft span bridge. The new bridge and stream channel will be designed using stream simulation methods and will provide access to 2.20 miles of high quality habitat for Puget Sound chinook salmon, Puget Sound steelhead, Coho salmon and chum salmon including good quality spawning and rearing habitat with established riparian buffers, abundant large, woody material (LWM) and clean gravel and cobble streambed sediment. The Parish Creek culvert restoration project will leverage the benefits of prior downstream fish passage restoration done by the City, and will restore biological and hydrologic functions in the stream including substrate and large woody debris transport, floodplain connection, nutrient enhancement and biological diversity in the watershed.	Foltz, John	\$2,408,301	\$424,995	\$2,833,296



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Project Name	Project Number (link to project details)	Grant Applicant	Project Type	Water Resource Inventory Area	County	Project Description (Not edited by RCO)	RCO Grants Manager	Grant Request	Applicant Match	Total
Burley Creek at Spring Creek Road	<a href="#">23-1845</a>	Kitsap County Public Works	Restoration	15 - Kitsap	Kitsap	The Burley Creek culvert replacement project consists of removing an existing 48-inch diameter, 144-ft long 100% impassable concrete pipe culvert under Spring Creek Road and replacing it with a 38-ft wide, 140-ft long box culvert structure. The project is a partnership between Kitsap County and WSDOT to replace the single 458-ft long barrier culvert that spans the entire length beneath both State Route (SR) 16 and Spring Creek Road. This single culvert is physically adjoined with a pipe collar at the WSDOT-Kitsap County right-of-way line. This partnership project will allow for an innovative structure that best meets co-managers design preferences and will provide access to 0.92 miles of upstream spawning and rearing habitat for Coho salmon, Puget Sound steelhead, sea run cutthroat, and resident trout. To optimize resources and cost benefits, the project would be constructed under a single design and construction contract that corrects both the WSDOT and Kitsap County barriers. The Kitsap County-WSDOT partnership project will allow for a structure and stream solution that will maximize habitat benefits for all life stages of anadromous and resident species throughout this reach of Burley Creek.	Lambert, Josh	\$4,500,750	\$794,250	\$5,295,000



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Project Name	Project Number (link to project details)	Grant Applicant	Project Type	Water Resource Inventory Area	County	Project Description (Not edited by RCO)	RCO Grants Manager	Grant Request	Applicant Match	Total
Barnabee Farms Springbrook Creek Rest.	<a href="#">23-1948</a>	Bainbridge Island Land Trust	Restoration	15 - Kitsap	Kitsap	The Barnabee Farm Springbrook Stream Restoration project will result in a final engineered design, permitting, removal of a 67% fish passage barrier undersized culvert and bridge installation. Springbrook Creek, is a stream federally designated as critical habitat for ESA threated Puget Sound Steelhead. The Barnabee Farm project takes place on private land at stream mile 0.39 and was identified in the Springbrook Creek Watershed Assessment (SCWA) (Project 14-1547) as the second highest priority stream restoration project to: address fish access to over 3.76 miles of upstream fish habitat; widen this section of channel to reflect natural stream conditions; improve connectivity between intact stream reaches adjacent to the existing undersized culvert; allow the stream to withstand anticipated higher flows anticipated in a changing climate; and allow for wood and sediment transport. Using the conceptual design developed by Wild Fish Conservancy (WFC) as part of the SCWA, a final design will be developed in consultation with the landowner, WFC, and other stakeholders working in the watershed, permitting will be completed, a construction bid package will be developed, and construction will be implemented.	Foltz, John	\$217,177	\$176,100	\$393,277

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Project Name	Project Number (link to project details)	Grant Applicant	Project Type	Water Resource Inventory Area	County	Project Description (Not edited by RCO)	RCO Grants Manager	Grant Request	Applicant Match	Total
Whiskey Creek Barriers RM 1.5-1.7, Ellensburg	<a href="#">23-1824</a>	Mid-Columbia Fisheries	Restoration	39 - Upper Yakima	Kittitas	Whiskey Creek is a key passage route to the Naneum headwaters, a priority watershed for steelhead recovery in the Yakima Basin. This project will remove three (3) fish barriers and improve stream and riparian habitat through a 0.25-mile reach of Whiskey Creek (subbasin of Mercer Creek) opening near-term passage for ESA-listed steelhead, spring Chinook salmon, coho salmon, Pacific lamprey, resident trout, and other aquatic species. This project is part of a collaboration between agencies and organizations to restore ESA-listed steelhead populations in the Yakima Basin. Whiskey Cr does not flow through the extensive culverts under Ellensburg so it may provide one of the best upstream migration corridors for steelhead to the forested Naneum Creek watershed. At its current state, this project will open 0.6 miles of stream habitat. However, once the passage barrier at the Ellensburg Water Company Canal is addressed, 1 mile of stream habitat will become available. Kittitas County has completed the final design to address this barrier and is scheduling construction in 2024 utilizing Flood Control Zone District Funding. Downstream of this project site, Kittitas County is assessing feasibility and producing a design to address the Whiskey Creek barrier at the BNSF railroad crossing. The County is in direct communication with BNSF on this effort, and aims to facilitate project implementation within 5 years. A crossing at Railroad Ave is "unknown", but salmon are seen above it .	Foltz, John	\$499,989	\$89,200	\$589,189

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Project Name	Project Number (link to project details)	Grant Applicant	Project Type	Water Resource Inventory Area	County	Project Description (Not edited by RCO)	RCO Grants Manager	Grant Request	Applicant Match	Total
Cooke Creek RM 3.86 Fish Passage Restoration	<a href="#">23-1834</a>	Kittitas Co Conservation Dist	Restoration	39 - Upper Yakima	Kittitas	The Kittitas County Conservation District will work with private landowners on Cooke Creek, a tributary to Cherry Creek, at the southwest border of the City of Kittitas, in Kittitas County, to restore fish passage at stream mile 3.86. The fish passage barrier is a channel-spanning concrete dam (FPDSI 960500, 0% passability) that is used to increase the water surface elevation of Cooke Creek to provide irrigation water to several private landowners. The diversion is unscreened. The project will remove the fish passage barrier and redesign the point of diversion in accordance with NMFS and WDFW passage and screening criteria. Cooke Creek is located in the Middle Columbia Wilson/Cherry watershed, an FBRB priority watershed. Within the watershed, Cooke Creek has been identified as Yakima Tributary Access & Habitat Program (YTAHP) tier 1 priority for fish passage and screening up to the City of Kittitas. This project proposes to address the last remaining unfunded barrier to achieve that goal. Cooke Creek is utilized by ESA-listed Mid-Columbia Steelhead ( <i>Oncorhynchus mykiss</i> ), spring Chinook ( <i>O. tshawytscha</i> ), coho ( <i>O. kisutch</i> ), and a suite of native resident fishes. This proposal is for restoration (design and construction) funding. Key partners include the Kittitas County Conservation District, private landowners, WDFW, RCO, Yakima Tributary Access & Habitat Program collaborative, and Bonneville Power Administration.	Foltz, John	\$339,911	\$63,996	\$403,907

**Brian Abbott Fish Barrier Removal**  
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Coleman Creek at RM 5.22 Fish Passage Restoration	<a href="#">23-1857</a>	Kittitas Co Conservation Dist	Restoration	39 - Upper Yakima	Kittitas	The Kittitas County Conservation District proposes to restore fish passage on Coleman Creek at stream mile 5.22, in Kittitas County. At the project site, there is a channel-spanning concrete dam (FPDSI Col05.22) that is used to increase the water surface elevation in Coleman Creek to serve an unscreened gravity irrigation diversion for agricultural production. The dam is barrier due to the water surface drop and has 33% passability. This project proposes to remove the fish passage barrier and redesign the point of diversion in accordance with NMFS and WDFW fish passage and screening criteria. The new, redesigned point of diversion will include consolidating the landowners two points of diversion (FPDSI Col05.22 & Col04.97) to a single location, eliminating a point of diversion on Coleman Creek. Implementation of the project will restore access to 1.3 miles of upstream habitat that is currently blocked. Coleman Creek is a high priority for restoration due to the utilization of ESA-listed Middle Columbia Steelhead ( <i>O.mykiss</i> ), spring Chinook ( <i>O. tshawytscha</i> ), coho ( <i>O. kisutch</i> ), and a suite of native resident fishes. Coleman Creek is within the FBRB-priority Middle Columbia Wilson/Cherry watershed. The proposed project complements the robust project investments by federal, state, tribal and local partners in Coleman Creek, with the goal of restoring safe, unimpeded fish passage up into the Coleman Creek headwaters.	Foltz, John	\$763,869	\$134,926	\$898,795

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Swamp Creek Barrier Designs	<a href="#">23-1870</a>	Kittitas Conservation Trust	Planning	39 - Upper Yakima	Kittitas	Kittitas Conservation Trust, WA Dept. of Transportation (WSDOT), WA Dept. of Fish and Wildlife, Kittitas County, Yakama Nation, and the US Forest Service (USFS) are collaborating to correct 4 fish passage barriers along Swamp Creek, a headwater tributary to the Yakima River. Funding is secured by WSDOT to perform a preliminary assessment on all 4 barriers and correct the two middle barriers (992955, 992966) as part of WSDOT's I-90 Snoqualmie Pass East - Phase 4 project. Partners are seeking funding for the most downstream partial barrier (992965) on USFS land. This proposal seeks funding to design and permit the replacement of the only total fish barrier on Swamp Creek (993904). Combined, these efforts will open 1.6 miles of fish habitat to Swamp Lake. Swamp Creek contains a variety of sensitive habitats including wetlands, riparian and old growth forests and is highly productive for rearing juvenile Spring Chinook and coho likely seeking refugia from high summer flows in the Upper Yakima River. The Yakama Nation has released coho parr in Swamp Creek as part of their reintroduction efforts and Fish Distribution layers show Spring Chinook, steelhead, and coho in the Yakima River near the confluence with Swamp Creek. This headwater stream is important to increase availability of habitat for salmonid and trout species in the Upper Yakima River Basin and we seek to capitalize on efficiencies with partners to correct all 4 barriers during one phase of implementation.	Foltz, John	\$495,000	\$205,000	\$700,000

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Crystal Creek	<a href="#">23-1944</a>	Trout Unlimited Inc.	Planning	39 - Upper Yakima	Kittitas	Trout Unlimited (TU) proposes to develop designs to address passage barriers located on Crystal Creek at road and trail crossing intersections near Roslyn, WA and Cle Elum, WA (upper Yakima River). The project goal is to complete cost-effective passage final designs for multiple culverts, lending itself to a cost-conscious, benefits-driven implementation. Restoring year-round passage to Crystal Creek headwaters will improve the amount of habitat (rearing/spawning/feeding) available to ESA-threatened steelhead, and non-listed Chinook salmon, and trout as creek flows permit. The design will be used to restore/improve upstream fish passage currently limited by multiple culverts within a 1 mile stretch of the creek. TU will collaborate with relevant regulatory, local municipalities, and fisheries agency/tribal experts to assess the feasibility of a cost-effective design that meet fish needs. TU will then develop alternatives and once developed, reviewed, and scored, TU will provide a ranked alternatives list for final consideration prior to advancing from a preferred alternative to preliminary and final designs (all locations for cost-effectiveness evaluation). TU will use a licensed engineer to aide in design development and analysis. Each stage of the design process will include a chance for relevant agency and partner staff to review and comment to develop a more robust, sound design.	Foltz, John	\$300,000	\$0	\$300,000

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Point Hill Crk at Wildwood Fish Passage Design	<a href="#">23-1785</a>	Lewis County Public Works	Planning	23 - Upper Chehalis	Lewis	The proposed planning project will develop designs to replace an existing 3.3-foot (ft) diameter by 80-ft long concrete culvert on Point Hill Creek that is 0% passable due to a slope of 2.41% with a minimum 10.5-ft span fish passable structure. The proposed design project, according to the SWIFD layer provided by the WDFW Chehalis Fish Passage Barrier Prioritization web app, will restore immediate seasonal access to 0.54 linear miles of habitat for all life stages of the Southwestern Washington evolutionarily significant unit (ESU) of coho salmon and 0.18 linear miles of habitat for all life stages of the Southwest Washington distinct population segment (DPS) of winter steelhead once one downstream barrier, a privately owned culvert at Site 610022, is replaced. The WDFW Chehalis Fish Passage Barrier Prioritization mapper lists this site as a Priority 2 Barrier placing it in the top 33% of barriers for replacement in the Chehalis River basin. The proposed design project would develop a fish passable structure that would improve fish passage, reduce sedimentation, and improve water quality. It will also provide access to areas with high quality riparian cover, spawning substrates, and rearing habitat. The existing barrier at Site 021(92004)(07883) is located at milepost (MP) 7.902 on Wildwood Road (46.7498927, -123.0967026) in unincorporated Lewis County, Washington.	Foltz, John	\$361,333	\$63,765	\$425,098



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Van Ornum Crk at Bunker Crk Rd Fish Passage Constr	<a href="#">23-1788</a>	Lewis County Public Works	Restoration	23 - Upper Chehalis	Lewis	This restoration project proposes to replace an existing 4-foot diameter corrugated steel pipe, which is only 33 percent passable due to a water surface drop of approximately 2 feet, with a 30-foot span geosynthetic reinforced soil (GRS) bridge with a bridge deck 40 feet in length and 32 feet in width. According to the SWIFD layers in the Chehalis Fish Passage Barrier Prioritization mapper, replacement of this barrier with a fish passable structure will restore immediate unimpeded access to 0.14 linear miles of habitat for the Southwest Washington Evolutionarily Significant Unit (ESU) of coho salmon and the Southwest Washington Distinct Population Segment of winter steelhead trout. Once the two remaining upstream barriers are removed, total accessible habitat will be 3.41 linear miles for coho and 3.11 linear miles for steelhead. In 2006, the Lewis Conservation District performed a stream survey in Van Ornum Creek and found the upstream linear gain to be 4.73 linear miles including approximately 1,575 square meters (0.39 acres) of spawning habitat and 11,472 square meters (2.83 acres) of rearing habitat. Additional construction is proposed to include a stream regrade, placement of streambed, and installation of plantings in disturbed areas.	Foltz, John	\$1,780,721	\$314,245	\$2,094,966



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Boone Crk at Jackson Hwy Fish Passage Design	<a href="#">23-1789</a>	Lewis County Public Works	Planning	26 - Cowlitz	Lewis	This planning project proposes to develop a design to replace the existing barrier at Site 021(94003)(11736), which consists of a 6-foot (ft) wide x 3-ft tall cast-in-place concrete box culvert and is only 67 percent passable due to a depth barrier of 7 inches. This barrier correction takes place on Boone Creek, a tributary to Lacamas Creek, within WRIA 26 - Cowlitz River Subbasin. At this time Lewis County is requesting funds to develop a design to replace this barrier culvert with a fish passable structure with minimum 26.67-ft span. According to SWIFD replacement of this culvert will restore unimpeded access to 0.08 linear miles of potential habitat for the Lower Columbia River DPS of winter steelhead, the Columbia River ESU of fall chum salmon, and the Lower Columbia River ESU of coho salmon. A total 1.44 linear miles of potential habitat will be accessible once upstream barriers are replaced with fish passable structures. Additionally, streambed sediment will be installed, and a stream regrade will occur. The upstream extent of this project is anticipated to be regraded from this culvert to Site 021(65001)(00000) as part of the associated proposed project Boone Creek at Park Fish Passage Design project (23-1789).	Foltz, John	\$381,827	\$67,382	\$449,209

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Boone Crk at Park Fish Passage Design	<a href="#">23-1790</a>	Lewis County Public Works	Planning	26 - Cowlitz	Lewis	This planning project proposes to develop a design to replace the existing fish passage barrier at Site 021(56001)(00000), currently rated 33 percent passable due to a depth barrier. This barrier correction takes place on Boone Creek, a tributary to Lacamas Creek, in WRIA 26 - Cowlitz River Subbasin. At this time, Lewis County is requesting funds to develop a design to replace this barrier culvert with a fish passable structure with a minimum 8.38-ft span. According to SWIFD replacement of this culvert will restore unimpeded access to 0.22 linear miles of potential habitat for the Lower Columbia River (LCR) Distinct Population Segment (DPS) of winter steelhead, the Columbia River Evolutionarily Significant Unit (ESU) of fall chum salmon, and the LCR ESU of coho salmon, once the downstream barrier, Site 021(95002)(11736) is removed. A total 1.28 linear miles of potential habitat will be accessible once upstream barriers are replaced with fish passable structures. In addition to the replacement of the existing barrier with a fish passable structure, the project proposes to realign approximately 300 feet of the channel downstream. The proposed realignment will include the installation of streambed and a stream regrade, and will connect to Site 021(95002)(11736) where the Boone Creek at Jackson Hwy Fish Passage Design project is proposed (23-1790).	Foltz, John	\$424,287	\$74,875	\$499,162

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Lewis & Clark State Park Fish Barrier Removal	<a href="#">23-1871</a>	State Parks	Planning	26 - Cowlitz	Lewis	Washington State Parks and Recreation Commission (State Parks) proposes the removal of three identified fish barriers on Boone Creek within Lewis & Clark State Park, located in Lewis County. This project is a coordinated planning effort with Lewis County's current proposals (23-1789 & 23-1790) to remove two barriers located immediately downstream of the park. With this funding, State Parks will design and permit the removal of two series of culverts (33% & 67% passable) beneath the one-lane park road as well as the removal of a CCC-era wading pool (dam structure, 0% passable) that is located within the day-use area of the park. The removal of these three barriers, in conjunction with barrier removals proposed by Lewis County, will restore access to 1.12 miles of high quality upstream habitat for anadromous and resident fish species.	Foltz, John	\$345,000	\$0	\$345,000

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Little Skookum Inlet Tributaries Fish Passage	<a href="#">23-1946</a>	Mason County of	Planning	14 - Kennedy - Mason Goldsborough		The planning project is to develop designs for 6 barrier culvert corrections on 4 independent tributaries that feed into Little Skookum Inlet along its north shore including: Lynch Creek (a.k.a. Bishop Creek), two sites on Deer Creek, and three sites on two unnamed streams. The project will culminate in final designs that, when implemented, would restore fish access to a combined 7.14 miles of stream habitat. The project will support engineering and design to improve access to spawning and rearing habitat for chum, coho, cutthroat and potentially steelhead trout. Improving access and migration will contribute to overall salmon restoration in WRIA 14. Sites are focused on fish passage in the Little Skookum Inlet north shore tributaries to compound the gains from multiple sites in an important geographic area and priority watershed. The proposal includes all of the County-owned barriers and one privately owned barrier. Grant funds will be used to develop designs according to WDFW water crossing design guidelines, including hydrologic/hydraulic analysis, cultural resources, and geotechnical investigations as required, engineering, and final designs for 6 sites as well as permitting for 2 to 3 sites that would potentially be constructed in 2025-2027.	Lambert, Josh	\$2,962,590	\$522,810	\$3,485,400

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Johnson Creek Fish Passage Site 606517	<a href="#">23-1919</a>	Colville Confederated Tribes	Restoration	49 - Okanogan	Okanogan	This project will remove the last complete barrier for steelhead and reintroduced spring Chinook salmon in Johnson Creek in the Okanogan basin. The project goal is the complete abandonment of the existing structure (WDFW #606517). Early conceptual ideas between CCT staff and the landowner are for a combination of step pools and instream complexity to preserve the upstream wetland on the landowner's property while allowing salmonid passage upstream. This project is located between two other passible culverts and will be designed in a way that does not reduce passage conditions at the culvert immediately upstream from the project site. Johnson Creek provides habitat for Upper Columbia steelhead trout as well as resident rainbow trout. When the culvert is removed at the currently location all impassible barriers on Johnson Creek will have been removed. Due to the land use history of the arid Okanogan basin the quantity of wetlands is dramatically decreased. Johnson Creek has been straightened and incised reducing stream margin wetlands. The wetland in the project area has served as refuge habitat for native species utilize riparian areas including waterfowl, bear, non salmonid fishes and assorted upland birds. Grant funding will be used to pay for the design and construction costs of the removal of the culvert and check dam as well as site rehabilitation, woody materials and revegetation.	Foltz, John	\$417,434	\$79,190	\$496,624

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BR #24203-B - Canyon Rd. E. at Canyon Creek	<a href="#">23-1802</a>	Pierce County of	Restoration	10 - Puyallup - White	Pierce	Pierce County proposes a restoration project to improve salmon habitat in Canyon Creek by replacing a culvert fish barrier with a new fish-passable structure. The project will include 3.2 acres of stream restoration, including 1.6 acres of wetland rehabilitation, 1.6 acres of upland buffer, and a reinforced soil slope. The work will occur on existing public right of way with an additional 2.6 acres to be acquired from an adjacent property owner. The project is located along Canyon Road East from approximate MP 3.5 to MP 3.2 in unincorporated Pierce County, just south of the city of Fife. Canyon Creek, a tributary of Clear Creek, supports chinook, coho, pink, chum, steelhead/rainbow, cutthroat, and bull trout (2022 Puyallup Tribal Fisheries). Chum salmon are the only species regularly observed spawning but adult Chinook and coho have been observed in the creek. Canyon Creek has very little stream complexity as it's been altered by human activity. The stream also experiences sediment aggradation that accumulates at the base of the canyon reach of the stream. Besides replacing the existing culvert, this proposed project (along with downstream and upstream projects) will restore Canyon Creek to a more complex stream system. The proposed project will lengthen/meander the stream and install large woody debris and native plants, all of which are necessary for grade control and stream stability. These improvements will provide better habitat for fish.	Foltz, John	\$3,850,000	\$709,000	\$4,559,000

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North Creek Culvert Replacement Project	<a href="#">23-1938</a>	Gig Harbor Public Works	Restoration	15 - Kitsap	Pierce	The project will replace an aging 6-ft x 6-ft x 146-ft (w x h x l) concrete box culvert that conveys the North Creek under Harborview Drive in the City of Gig Harbor, Washington. Harborview Drive appears on maps as early as 1917. The culvert is located along the apparent natural flow path of North Creek. The current box culvert was originally constructed prior to 1970. To improve fish passage at this location, a new crossing is proposed to safely convey the 100-year flood and provide suitable velocity and depth over a range of flows to allow use and passage by juvenile and adult salmonids, including Chinook, coho, steelhead, and chum. The project will remove the culvert and soil fill prism, replacing the crossing with a 45-ft x 85-ft (w x l) bridge deck that will carry two lanes of traffic, pedestrian sidewalks, and utilities, including water, sewer, and electrical. In doing this, the new crossing will provide additional benefit as a wildlife corridor and may include a pedestrian undercrossing under the road along the stream bank to connect Donkey Creek Park, as was also done at the downstream crossing at North Harborview Drive. The bridge will be supported on abutments that are spaced wide enough to accommodate the 100-year flood and the estimated 2080 climate change flood. The proposed bridge project will reconnect ~3,540 linear feet of North Creek stream corridor to the estuary of Gig Harbor.	Foltz, John	\$4,589,129	\$823,518	\$5,412,647

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Logan Creek Barrier Removal, Site NC138	<a href="#">23-1828</a>	Mount Vernon City of	Restoration	3 - Lower Skagit - Samish	Skagit	This restoration project will remove the existing corrugated steel pipes and place a 15-foot-wide, precast reinforced concrete box structure that will span the creek and elevate the roadway. Creek bed restoration of Logan Creek will occur following installation of box structure and drainage facilities. Additional habitat improvements are planned for 200 feet upstream and downstream of the construction site. This project is intended to improve habitat and upstream access for Coho, Chum, and potentially Chinook. It will also alleviate flooding issues with the roadway, trail, and mobile home park, thereby improving habitat and access for low-income residents and students walking to the middle school!	Lambert, Josh	\$1,853,896	\$327,159	\$2,181,055



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NC 213 Norway Park Creek at Pavilion Dr	<a href="#">23-1832</a>	Skagit Fish Enhancement Group	Restoration	3 - Lower Skagit - Samish	Skagit	This project proposes to correct a fish barrier (NC213) on Norway Park Creek to provide salmon access to 1.08 miles of habitat. The current proposal focuses on design and construction of a fish passable structure under Pavilion Drive (NC213). Norway Park Creek is a tributary to Lake McMurray, which outlets to Lake Creek, located in southwest Skagit County and supports documented populations of Chinook and Coho salmon. Steelhead and bull trout have been documented in Lake Creek up to Lake McMurray and no barriers would preclude their presence in Norway Park Creek (WDFW Salmonscape 2021). Since 2012, the Skagit Fisheries Enhancement Group (SFEG) has been working with the Leif Ericson Recreation Association (LERA) to restore habitat and fish access in Norway Park Creek (known locally as Nidelvin Creek). Work completed by SFEG and LERA to date has included reconfiguration of the stream channel, riparian plantings, and replacement of an undersized culvert (NC212) that formerly represented a fish passage barrier with a small pedestrian footbridge. An undersized culvert under State Route (SR) 9 (990091) owned by WSDOT was replaced in 2022. The culvert included in this project is the only human-made barrier that remains on the stream.	Lambert, Josh	\$422,495	\$74,558	\$497,053

**Brian Abbott Fish Barrier Removal**  
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Logan Creek Barrier Removal, Site NC137	<a href="#">23-1848</a>	Mount Vernon City of	Planning	3 - Lower Skagit - Samish	Skagit	This project is to prepare for a future phase of access and habitat improvements on Logan Creek, in the Lower Skagit Watershed within the City of Mount Vernon. The Alison Creek culvert is the next culvert upstream from the 30th Avenue project (already underway) and the SR 538 project (completed in 2022). This application is for planning and design funds to move the Alison Avenue project to final design and submit NEPA documents for agency review. The planning will include an alternatives analysis. When constructed, this project is expected to benefit chum, coho, searun cutthroat, and potentially Chinook.	Lambert, Josh	\$349,000	\$0	\$349,000

**Brian Abbott Fish Barrier Removal**  
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Project Name	Project Number (link to project details)	Grant Applicant	Project Type	Water Resource Inventory Area	County	Project Description (Not edited by RCO)	RCO Grants Manager	Grant Request	Applicant Match	Total
Lorenzan Creek Restoration	<a href="#">23-1932</a>	Skagit County Public Works	Restoration	4 - Upper Skagit	Skagit	Skagit County is seeking funding to construct the Lorenzan Creek Restoration Project by removing the culvert and stormwater infrastructure, demolishing the historic fuel tank system, daylighting 300 feet of the creek, and installing a new passable culvert under Concrete Sauk Valley Rd. This project will restore fish passage, is expected to reduce flooding upstream, and will improve water quality by removing the County's east shop and the potential pollutants associated with operations. It will also plant the site with native species and restore the upstream wetland. Lorenzan Creek, a salmon bearing stream, flows under the County's Shop (GR18) 0.8 miles upstream of its confluence with the Skagit River in Concrete, WA. The stream flows through an 18-inch concrete culvert that is 360 feet long and functions as the shop's stormwater drainage system. Drainage from approximately 0.96 square miles flows through this culvert which is too small to convey moderate flows, exacerbating flooding in the town of Concrete. A previously completed study identified the Shop culvert as a major impact to conveyance increasing flooding upstream. This culvert is also undersized for fish passage and located downstream of a recently completed WSDOT project, limiting the impact that project may have of salmon recovery. The fuel system has been empty since 2020 and completed the final pressure test in 2020 with no signs of leakage.	Lambert, Josh	\$3,152,536	\$557,390	\$3,709,926

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Lorenzan Creek at Concrete Road - Design	<a href="#">23-1933</a>	Skagit County Public Works	Planning	4 - Upper Skagit	Skagit	Skagit County has been working on improving fish passage barriers in the Lorenzan Creek watershed since the early 2000s. This crossing is the last County owned crossing to require a completed design. The only other barrier, GR18, is seeking construction funding currently, leaving this crossing as the final County-owned fish passage barrier on Lorenzan Creek. Lorenzan Creek, a salmon bearing stream in Concrete, WA, flows through GR17 0.75 miles upstream of the confluence with the Skagit River. The crossing is two culverts, one larger (18") and longer that takes the majority of the flow, and one smaller culvert (12") set closer to the road shoulder. The crossing has very little road fill, complicating the design process as the cost of raising the road is prohibitive. The design and eventual construction of this culvert improves the success of the Lorenzan Creek crossing that WSDOT completed in 2021.	Lambert, Josh	\$199,752	\$0	\$199,752

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Project Name	Project Number (link to project details)	Grant Applicant	Project Type	Water Resource Inventory Area	County	Project Description (Not edited by RCO)	RCO Grants Manager	Grant Request	Applicant Match	Total
Lower Day Slough Culvert Improvement	<a href="#">23-1940</a>	Skagit County Public Works	Restoration	3 - Lower Skagit - Samish	Skagit	The project is located on Lower Day Creek Slough, a tributary to the Skagit River near Sedro Woolley, WA. This proposal is to complete construction of the crossing at GN31. This will open up 0.56 miles of Lower Day Creek slough for Chinook, Steelhead, Coho, Chum, Cutthroat, and Lamprey. The project is immediately upstream of three recently completed Skagit Fisheries Enhancement Group projects and will complete the majority of the restoration within Lower Day Slough. The design pulls heavily from their completed projects and lessons learned as this location is complex due to it being a spring fed slough during low flows but will be submerged by the Skagit River at moderate flooding events.	Lambert, Josh	\$455,128	\$80,475	\$535,603

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Carpenter Creek Sheffield CR136	<a href="#">23-1947</a>	Skagit Fish Enhancement Group	Restoration	3 - Lower Skagit - Samish	Skagit	This is a restoration project to correct a 0% passable fish barrier (CR136) on Carpenter Creek and provide salmonids and lamprey access to 2640-linear feet (0.5 miles) of upstream habitat. CR136 is part of a coordinated effort to remove all barriers the Carpenter Creek watershed, which will cumulatively provide access to 7.4 miles of high quality spawning and rearing habitat upstream. This project will complete final design, permitting and construction of a fish passable structure under Ervine Lane, a private driveway leading to several residential homes. Carpenter Creek is located in the lowest part of the Skagit River watershed and drains into Fisher Creek/Slough about a half a mile before draining into the South Fork of the Skagit River in the delta area. Carpenter Creek supports documented populations of summer and winter steelhead, Coho salmon and resident cutthroat trout, and is gradient accessible by Chinook, chum and pink salmon (Statewide Washington Integrated Fish Distribution database).	Lambert, Josh	\$247,517	\$43,680	\$291,197

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Project Name	Project Number (link to project details)	Grant Applicant	Project Type	Water Resource Inventory Area	County	Project Description (Not edited by RCO)	RCO Grants Manager	Grant Request	Applicant Match	Total
Carpenter Creek Hickox Rd Culvert Replacement	<a href="#">23-1949</a>	Skagit Fish Enhancement Group	Restoration	3 - Lower Skagit - Samish	Skagit	This project proposes to correct a fish barrier culvert (CR28) on Carpenter Creek to provide access to 1.8 miles of upstream habitat. CR28 is part of a coordinated effort to remove all barriers the Carpenter Creek watershed, which will cumulatively provide access to 7.4 miles of high quality spawning and rearing habitat upstream. This proposal focuses on construction of a fish passable structure under East Hickox Road and stream habitat enhancement along 400 ft of the stream. The design phase is being funded by FBRB grant #21-1391. Carpenter Creek is located in the lowest part of the Skagit River watershed and drains into Fisher Creek/Slough about a half a mile before draining into the South Fork of the Skagit River in the delta area. Carpenter Creek supports documented populations of summer and winter steelhead, coho salmon and resident cutthroat trout, and is gradient accessible by Chinook, chum and pink salmon (Statewide Washington Integrated Fish Distribution database).	Lambert, Josh	\$3,193,314	\$563,526	\$3,756,840

**Brian Abbott Fish Barrier Removal**  
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Project Name	Project Number (link to project details)	Grant Applicant	Project Type	Water Resource Inventory Area	County	Project Description (Not edited by RCO)	RCO Grants Manager	Grant Request	Applicant Match	Total
McCollum Park - North Creek Fish Barrier Correctio	<a href="#">23-1797</a>	Adopt A Stream Foundation	Restoration	8 - Cedar - Sammamish	Snohomish	The Adopt A Stream Foundation (AASF) will replace a service road crossing containing two fish barrier culverts with a 12' X 42' pre-fabricated bridge and correct a series of failing weirs in Snohomish County's McCollum Park. The location is 600 128th St SE, Everett WA. The objective is to correct a salmon migration barrier ID 102N196 and Site Id: 600593 to provide increased salmon spawning and rearing habitat. North Creek is an approximately 12.6-mile long tributary to the Sammamish River, flowing from Everett through both Mill Creek and Bothell. Immediately upstream (160 feet), WDOT recently replaced a 71-inch-wide fish barrier culvert (ID 102 N183) located under SR 96 with a 23-foot-wide bridge. The cultural resource analysis for the WDOT project is applicable to the AASF project. In addition, WDOT hydraulic analysis for the WDOT project will be provided to AASF; preliminary data indicates that the two downstream culverts will become more significant fish migration barriers unless they are corrected. According to a 2001 WDFW survey, upstream from SR 96, there is 2.66-miles of potential North Cr. fish habitat. 2.47 miles are in the main-stem, and 0.19 miles on an unnamed tributary. The overall goal of AASF/WDOT efforts is to provide salmon access to that habitat. Benefiting species include Chinook and Coho salmon as well as resident cutthroat trout. Sockeye salmon are found downstream, and Steelhead have been observed in the creek.	Foltz, John	\$364,450	\$66,500	\$430,950



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Project Name	Project Number (link to project details)	Grant Applicant	Project Type	Water Resource Inventory Area	County	Project Description (Not edited by RCO)	RCO Grants Manager	Grant Request	Applicant Match	Total
Japanese Gulch Creek Daylighting Estuary Restore	<a href="#">23-1809</a>	Mukilteo City of	Restoration	7 - Snohomish	Snohomish	We are requesting funding to address a fish passage barrier (608276) on Japanese Gulch Creek to connect 0.7 miles of habitat. This project is part of the larger effort to restore Japanese Gulch Creek and install a near shore estuary. The project will benefit a variety of salmonid species including Chum, Chinook, Coho, Steelhead, and Cutthroat. This is the final portion of a long-term project to remove salmon barriers and improve the salmonid habitat in the Japanese Gulch Creek riparian area. There were two sections of the creek upstream of the proposed project where barriers were previously removed (FW Site IDs 608333 and 922776) and this improvement will only leave one barrier, the BNSF railroad culvert which the city is supporting efforts by the Tulalip Tribes to address in the near future. The proposed improvements for the larger effort will also include a pedestrian walking path connecting two parks on the waterfront and will include public information signage on the ecological and cultural history of the site. The site is already owned by the City and the project has already been fully designed. The City received funding from the SRF Board (23-1108) to complete all required federal, state, and local permits and produce a bid ready set of documents. We anticipate all permitting will be completed in the next two years and construction can begin.	Foltz, John	\$2,300,000	\$4,037,010	\$6,337,010

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Project Name	Project Number (link to project details)	Grant Applicant	Project Type	Water Resource Inventory Area	County	Project Description (Not edited by RCO)	RCO Grants Manager	Grant Request	Applicant Match	Total
Little Pilchuck Creek Fish Passage Restoration	<a href="#">23-1813</a>	Snohomish Co Surface Water	Restoration	7 - Snohomish	Snohomish	This project addresses 5 culverts (930004, 7065, 605122, 605123, 810283), 4 of which are barriers on an unnamed tributary to Little Pilchuck Creek, a tributary to the Pilchuck River north of Lake Stevens in Snohomish County. The series of culverts reside on a 1750 lineal-foot reach between 66th Ave NE and 123rd Ave NE. The tributary historically crossed 123rd St NE three times into adjacent sections of a large wetland complex. However, the stream has since been diverted into the roadside ditch likely caused by debris blocking the undersized culvert. The project replaces 4 culverts and eliminates 1 culvert. In addition, the stream will be moved back into its historic channel away from the road prism, reestablishing 700 lineal ft. of channel that is now inaccessible. The SWIFD Web Map show fish distribution extending the entirety of the stream channel for fall Chum, fall Chinook, Coho, Pink odd year, and winter Steelhead. SCD is currently designing and restoring a fish barrier at culvert 930001, located downstream. Completing these culverts would open up the majority of the valuable fish bearing habitat in this tributary. WDFW identified the following potential habitat gain upstream of culvert 810283: linear 1,528 m, spawning area 192 sq meters, rearing area 2,182 sq meters. WDFW found that the habitat downstream is good spawning habitat in forest canopy with a low stream gradient and some urban influences. The canopy provides approximately 65% coverage of the stream corridor.	Foltz, John	\$4,677,000	\$825,355	\$5,502,355

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Project Name	Project Number (link to project details)	Grant Applicant	Project Type	Water Resource Inventory Area	County	Project Description (Not edited by RCO)	RCO Grants Manager	Grant Request	Applicant Match	Total
Thornton A. Sullivan Park Culvert Replacement	<a href="#">23-1837</a>	Everett City of	Planning	8 - Cedar - Sammamish	Snohomish	The project scope includes design and permitting efforts to replace a total fish passage barrier at Thornton A. Sullivan Park along Silver Lake in Everett, Washington. The design will include daylighting most of an existing 440-ft long culvert to an open channel as well as fish passable crossings at the park access road and trail. The existing park culvert connects the Thornton Tributary to Silver Lake. The Silver Lake outlet stream flows to Ruggs Lake and then joins the Penny Creek main stem. Penny Creek converges with North Creek in Mill Creek, Washington. The subject culvert is the only known total barrier in this system. The overall project goal is to remove this barrier and open fish habitat north of Silver Lake, including habitat gain from three upstream culverts that will be replaced as part of WSDOT's 2023-2025 Delivery Plan (Site IDs 993091, 993124, 930252). The new habitat will benefit resident trout and steelhead as well as Coho Salmon, Cutthroat, and previously stocked Kokanee. Thornton A. Sullivan Park is a popular City park, which presents a secondary goal of including interpretive signs or similar to educate the public on fish passage and priority fish species. Additionally, fish habitat improvements resulting from the project will enhance fishing opportunities at Silver Lake.	Foltz, John	\$358,500	\$63,500	\$422,000

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36th St culvert barrier correction	<a href="#">23-1931</a>	Lake Stevens City of	Planning	7 - Snohomish	Snohomish	The project goal is to complete final design of a structure to replace a barrier culvert on an unnamed creek, a tributary of Catherine Creek. The design will be based on the Stream Simulation Culvert or Bridge Design Options in the WDFW Water Crossing Design Guidelines and will account for predicted future conditions of climate change. Products will include secured permits, public outreach, and a construction bid package that contains plans, specifications, and cost estimates based on appropriate engineering and environmental analyses. The culvert is located at 36th St NE in the City of Lake Stevens. WDFW has assessed it as 33% passable, with a 0.29-foot water surface drop at the outfall being the primary barrier to fish passage. Removing the barrier will restore fish passage to 0.25 miles of high-quality aquatic and riparian habitat supporting spawning, juvenile rearing and cool water refugia to the next upstream barrier. Species that will benefit include: coho, steelhead, resident trout and SR cutthroat trout. The protected watershed upstream is minimally developed with excellent water quality, large wood accumulations, and an intact forested riparian zone. The replacement structure will also restore natural processes (large wood and sediment transport, some channel adjustment, multi-species passage, etc.) while maintaining channel stability at the crossing. This project will build on previous efforts to enhance and restore this critical habitat in the Pilchuck Basin.	Foltz, John	\$225,000	\$40,000	\$265,000

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61st Ave. NW at Frye Cove Tributary Fish Passage	<a href="#">23-1806</a>	Thurston County Public Works	Restoration	14 - Kennedy - Goldsborough	Thurston	Thurston County Public Works will remove a 33% fish passage barrier to restore fish passage at 61st Ave. NW near Frye Cove County Park. A 121 ft long, 72 in diameter culvert created a slope and velocity barrier. This project will restore access to ~0.5 mi. of spawning habitat and provide access to over 8 acres of wetland rearing habitat for coho salmon, sea-run cutthroat trout, and threatened steelhead. It will benefit threatened Chinook salmon and bull trout estuarine rearing habitat. This project will enhance wildlife interactions and park aesthetics in Frye Cove County Park. This project will allow the stream to function naturally and mitigate potential hazards. In 2021, inspections determined this culvert began to compress. Upon failure, public road safety and habitat access would be eliminated. This restoration project will replace the barrier with a 15-ft-wide fish passable structure. The new structure will contain streambed material to simulate natural channel conditions. LWD placement will strengthen the channel and enhance the riparian zone. The project will remove invasive plant species. Replanted native plants and trees will stabilize slopes, repair disturbed riparian areas, and prevent invasive species establishment. WDFW fish passage standards will be met. After construction, the site will be monitored for up to 5 years for permit compliance. The structure will be added to the Thurston County Bridge Program and maintained for its service life (~75-100 years).	Foltz, John	\$1,953,590	\$346,468	\$2,300,058

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Mill Creek Fish Passage - Gose St.	<a href="#">23-1793</a>	Tri-State Steelheaders Inc	Restoration	32 - Walla Walla	Walla Walla	A flood control channel constructed in the 1930s and 1940s extends for seven miles of Mill Creek ending downstream at Gose Street, west of Walla Walla. In 2010, the Mill Creek Passage Assessment, (06-2206) described flow-dependent hydraulic conditions in the flood control channel that present barriers to Mid-Columbia Summer Steelhead, bull trout, and reintroduced spring Chinook. Passage at the downstream end of the flood channel was improved with the installation of a fishway in 2008 (project 04-1605) that provided a transition between the flood control channel and the natural channel. In February 2020, the flood of record in the Walla Walla watershed had the Mill Creek flood control channel operating at capacity (and beyond) for hours. The flood flow scoured the channel bed downstream of the fishway, and the downcutting resulted in a five-foot-high jump for fish to enter the fishway. A short-term, emergency passage fix was completed in October 2020, but it was not expected to last more than a few years. An alternatives assessment (21-1010) led to a preferred alternative for a long-term passage design that has been agreed to by stakeholders. This project proposes to implement the designed project to correct the fish passage barrier and install measures to prevent future scour.	Foltz, John	\$2,814,404	\$800,000	\$3,614,404

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Mill Creek Fish Passage - Roosevelt to Tausick	<a href="#">23-1795</a>	Tri-State Steelheaders Inc	Restoration	32 - Walla Walla	Walla Walla	Flood control measures on Mill Creek include about two miles of a levee-confined, sill-controlled channel. The Mill Creek Barrier Assessment completed in 2009 identified and described barriers in the flood control channel for Endangered Species Act (ESA) listed Mid-Columbia summer steelhead and bull trout, and for reintroduced spring Chinook. Returning adults encounter flow-dependent depth and velocity barriers. Juvenile fish encounter low spring flows and high-water temperatures in late spring. These passage issues are considered imminent threats in the Snake River Salmon Recovery Plan. This is one of many projects to provide passage through the flood control project to over 50 miles of critical and under-utilized spawning and rearing habitat for ESA-listed species. This project will extend upstream from previously completed work at Roosevelt Street for approximately 5600 feet, to work completed in 2011 at Tausick Way. Passage will be improved by low flow notches in the sills to correct drop height, and by constructing a low flow channel to improve low flow passage, provide better cover for juveniles, and reduce thermal loading.	Foltz, John	\$3,069,209	\$541,653	\$3,610,862

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Padden Cr Estuary Fish Passage Improvements	<a href="#">23-1814</a>	Bellingham City of	Planning	1 - Nooksack	Whatcom	The City seeks funding to design two barrier corrections at the tidally influenced intersection of Padden Cr with Harris Ave and McKenzie Trail in Bellingham, WA. Distance to the next barrier is 0.5 mi (12th St) but once all barriers are addressed, access to ~7 mi of habitat will be opened to chum, coho, coastal cutthroat trout, kokanee and ESA-listed steelhead and Chinook. The City and co-managers identified these culverts as a high priority and in 2023 work began on an alternatives analysis. The City will use grant funds to complete a collaborative alternatives analysis and design that removes these barriers and improves fish habitat in this critical gateway reach. Restoration will support and build upon previous fish passage, stormwater, and habitat restoration projects completed by both the City & WSDOT. The City has improved the estuary by restoring saltmarsh habitat, stabilizing slopes, improving the vegetated buffer, and removing creosote treated timber pilings. The City also installed an underground water quality improvement facility that captures and treats polluted runoff draining to the estuary from 90 acres of urban uplands. In 2022, two fish passage projects at I-5 and SR 11 were completed by WSDOT. Currently, the City is planning to build fish passage corrections near 12th, 14th and 30th Streets on Padden Creek in 2025 & 2026. Without this project at the mouth of Padden Cr, these habitat and fish passage investments cannot be fully realized.	Lambert, Josh	\$1,571,225	\$277,275	\$1,848,500



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							<b>Total</b>	<b>\$75,976,605</b>	<b>\$35,487,297</b>	<b>\$111,463,902</b>