

## Project #19-1584, Motteler Rd - Chumstick Crk

Current Status: Application Submitted

### Project Details

**Primary Sponsor:** Chelan County Natural Resources Department

**Primary Contact:** Allison Lutes  
(509) 679-7095  
allison.lutes@co.chelan.wa.us

**Funding Program:** FBRB Coordinated Pathway

**Project Type:** Restoration

### Project Description

This project will remove a fish passage barrier culvert and replace it with a structure that meets WDFW fish passage criteria on RM 0.52 on Chumstick Creek, tributary to the Wenatchee River in WRIA 45. The project will increase the quantity and quality of accessible off-channel rearing and over-wintering habitat for juvenile steelhead, spring Chinook, and coho salmon in Chumstick Creek.

### Project Overall Metrics (Outcomes, Benefits)

#### Category / Work Type / Metric

#### Application Answer

#### Completion Date

Projected date of completion 10/01/2020

#### Sponsor Match: Monetary Funding

Amount of other monetary funding (A.12) \$36,167.00  
Source of other monetary funding (A.12.a) United States Fish and Wildlife Service (USFWS)  
Timing of other monetary funding Contracting Summer 2019. Funds available until completion of project.

#### Sponsor Match: Donated Un-paid Labor (volunteers)

Value of Donated Unpaid Labor (Volunteers) (A.13.a.2) \$0.00  
Source of Donated Un-paid labor contributions (A.13.a.4) n/a

#### Sponsor Match: Donated Paid Labor

Value of Donated Paid Labor (A.13.b.1) \$3,000.00  
Source of Donated Paid Contributions (A.13.b.2) USFWS will complete cultural resource survey

#### Sponsor Match: Other In-kind Contributions

Value of Other In-Kind Contributions (A.13.c.1) \$0.00  
Source of Other In-Kind Contributions (A.13.c.3) n/a  
Description of other In-Kind contributions (A.13.c.2) n/a

### Project Funding

Funding Request		Funding %	Min Match Required	Sponsor Match Source	
FBRB Coordinated Pathway (FY2020)	\$221,336	84.96 %		Donated Labor	\$3,000
Sponsor Match	\$39,167	15.04 %	15%	Grant - Federal	\$36,167
Total Project Funding	\$260,503	100.00 %			

Project Cost Summary		Project %	Admin/A&E %	Maximum for Selected Program
<b>RESTORATION COSTS</b>				
Restoration	\$224,622			
A&E	\$35,881		15.97 %	\$67,387 (30%)
Subtotal	\$260,503	100.00 %		
<b>Total Cost Estimate</b>	\$260,503	100.00 %		

### Worksites and Properties

**County:** Chelan

**Legislative Districts 2012:** 12

**Congressional Districts 2012:** 08

**Salmon Recovery Regions:** Upper Columbia

**DNR Watershed Units (WAU):** Derby

**4th Field Catalog Units (HUC):** Wenatchee

**WRIA:** Wenatchee  
**Sections:** 01  
**Township:** T24NR17E  
**Coordinates:** 47.60810264  
-120.64724131

## Worksite #1: Motteler Road Crossing

**Coordinates from Mapped Point:**  
**Coordinates from Worksite**  
**Directions:**

**Latitude:** 47.60810264  
**Latitude:** 47.608012

**Longitude:** -120.64724131  
**Longitude:** -120.647271

**Worksite Description:** The project is located where Motteler Road crosses Chumstick Creek at RM 0.52.

**Site Access Directions:** From Highway 2 in Leavenworth, take Chumstick Highway heading north-west. In 0.5 miles turn right onto North Road, and then take the first left onto Motteler Road.

**Worksite Address:**  
10430 Motteler Road  
Leavenworth, WA 98826

## Restoration Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer	Work Type Costs
Targeted salmonid ESU/DPS (A.23)	Chinook Salmon-Upper Columbia River Spring-run ESU, Coho Salmon-unidentified ESU, Sockeye Salmon-Lake Wenatchee ESU, Steelhead-Upper Columbia River DPS	
Targeted species (non-ESU species)	Rainbow	
Project Identified In a Plan or Watershed Assessment (C.0.c)	Wenatchee Watershed sub-basin plan (NPCC 2004), Upper Columbia Salmon Recovery Plan (UCSRB 2007) and Wenatchee Watershed Detailed Implementation Plan (WWPU 2008).	
Type Of Monitoring (C.0.d.1)	Implementation Monitoring	
Monitoring Location (C.0.d.2)	Onsite	
<b>Fish Passage Improvement</b>		
Number of blockages / impediments / barriers impeding passage (C.2.b.4)	1	
Type Of Barrier (C.2.b.3)	Culvert	
Miles Of Stream Made Accessible (C.2.b.1)	9.00	
<b>Bridge installed or improved (C.2.g.1)</b>		
Miles of stream made accessible by bridge installation/repair (C.2.g.3)	9.00	
Number of bridges (C.2.g.2)	1	
Total cost for Bridge installed or improved		\$215,622.00
<b>Cultural Resources</b>		
<b>Cultural resources</b>		
Total cost for Cultural resources		\$6,500.00
Acres surveyed for cultural resources	0.01	
<b>Permits</b>		
<b>Obtain permits</b>		
Total cost to Obtain permits		\$2,500.00
Number of permits required for implementation of project	2	
<b>Architectural &amp; Engineering</b>		
<b>Architectural &amp; Engineering (A&amp;E)</b>		
Total cost for Architectural & Engineerina (A&E)		\$35.881.00

## Restoration Questions

- 1 of 6

**Is the worksite(s) located within an existing park, wildlife refuge, natural area preserve, or other recreation or habitat site? If yes, name the area and specify if the land is owned by local, state or federal government.**

No
- 2 of 6

**Cultural Resources: What is the current land use of the site? Has there been ground disturbances historically, if so, what are/were those disturbances? Is there any fill where ground disturbance is proposed? If known, how deep is the fill? The answer to this question will be used in cultural resource consultation so please provide detailed information.**

Cultural Resources will need to be evaluated for this site. The site is currently a culvert over a driveway and is under management by Chelan County Public Works.
- 3 of 6

**Cultural Resources: Has the worksite been investigated for historical, archeological, or cultural resources? If yes, when did this occur and what agencies and tribes were consulted? Attach related documents (letters, surveys, agreements, etc.) to your project in PRISM.**

Unknown, Cultural Resources will need to be evaluated for this site.

- 4 of 6 Cultural Resources:** Describe any proposed ground disturbing activities that will take place as part of your project. This includes work conducted by hand or mechanized tools. Provide specific information including length, width, and depth of the ground disturbance. Ground disturbing work includes all restoration activities, geotech, fencing, demolition, etc. Avoid subjective phrases such as “ground disturbing activities will be minor”.
- The proposed alternative for this project is to remove the existing undersized corrugated metal culvert, and replace it with a 50' span bridge crossing over Chumstick Creek. Project work will be completed primarily with a tracked excavator. Dump trucks, power and hand tools will be used to deliver material and construct features, as needed. Principal components of the work include mobilization/demobilization, water control and diversion, clearing and grubbing, site grading, earthwork, placement of pre-cast concrete abutments and bridge superstructure, geo-membrane and geotextile installation, riprap arrangement, re-seeding and re-grading as needed. Exact dimensions of ground disturbance will be determined by the engineer once there are project plan sets.
- 5 of 6 Cultural Resources:** Are there any structures existing on the property (including tidegates, dikes, residential structures, bridges, rail grades, etc.)? If so, please list all existing structures. Indicate if any of these structures will be altered or demolished as a result of the project, and provide the following for each structure that could be altered or demolished: identifying name, year constructed, year(s) remodeled/renovated. Attach at least one photo of each altered structure.
- Yes, There is a culvert that is currently in place under the driveway. This structure will be removed as part of the construction process.
- 6 of 6 Give street address or road name and mile post for this worksite if available.**
- 10430 Motteler Road, Leavenworth WA

## Property for Motteler Road Crossing Worksite #1: Motteler Road RM 0.52

**Activity:** Restoration

<b>Landowner</b>	<b>Control and Tenure</b>
Chelan County Public Works	<b>Instrument Type:</b> Public Use Agreement
316 Washington Street, Suite 402	<b>Purchase Type:</b>
Wenatchee, WA 98801	<b>Term Length:</b> Perpetuity
	<b>Expiration Date:</b>
<b>Landowner Type:</b> Local Government	<b>Note:</b>

## Overall Project Questions

- 1 of 5 Is the project on State Owned Aquatic Lands? Please contact the Washington State Department of Natural Resources to make a determination. (www.dnr.wa.gov/Publications/aqr\_land\_manager\_map.pdf)**
- No
- 2 of 5 Does your project address or accommodate the anticipated effects of climate change? If yes or maybe, please describe how.**
- Yes, Hydrologic modelling and the bridge deck height and length will incorporate expected changes to the hydrograph due to climate change.
- 3 of 5 Is any part of the scope of work included in this application required as mitigation for another project or action or court injunction? E.g. FERC relicensing, Habitat Conservation Plan, legal settlement, culvert injunction, etc. If yes, explain:**
- No
- 4 of 5 Provide the WDFW Site ID for the proposed culvert barrier correction worksite(s) or enter Unknown.**
- #603526
- 5 of 5 When was the last barrier evaluation and downstream check conducted for the proposed barrier correction worksite(s)? Please provide an overview of the barrier evaluation and downstream check results (for example: The existing culvert was evaluated in 2014 and determined to be a 33% passable slope barrier. There are no barriers downstream.)**
- This barrier was evaluated as a 67% passable barrier in 2017, due to ther 1.25% culvert slope and the culvert width being only 60% of the channel width. A Correction Analysis Form (CAF) was completed for this project in 2018

## Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Archeological & Cultural Resources (EO 05-05)				
Endangered Species Act Compliance [ESA]				
Hydraulics Project Approval [HPA]				
Nationwide Permit				
<b>Permit Questions</b>				
<b>1 of 3 Will this project require a federal permit? If this project requires a federal permit, will the scope of that permit cover ALL proposed ground disturbing activities included in this project? You may need to request a pre-application meeting with the permitting agency to answer this question.</b>				
Yes, This project will be proposed under the ACOE Nationwide 27. The US Army Corps of Engineers is the federal nexus for ESA consultation with NMFS. Chumstick Creek is habitat for Upper Columbia River (UCR) spring-run Chinook and UCR steelhead. This project fits under the Action Category 2: Fish Passage Restoration or Improvement outlined in the National Marine Fisheries Service (NMFS) Fish Passage and Restoration programmatic consultation (FRRP III: WCR-2014-1857). This project complies with the general conservation measures listed in the FRRP, and the specific Conservation Measures listed for Road Crossing Replacement, Relocation, or Removal in NMFS No. WCR-2014-1857.				
<b>2 of 3 Are you planning on using the federal permit streamlining process (Limit 8, www.rco.wa.gov/documents/fact_sheets/Permit_Streamlining_fact_sheet.pdf)?</b>				
No, Does not qualify due to anadromous species (spring Chinook and steelhead). Intend to use FRRP Project Information Form for consultation with NMFS.				
<b>3 of 3 Are you planning on using the Fish Habitat Enhancement Project (FHEP) streamlining process</b>				

(<http://apps.oria.wa.gov/permithandbook/permitdetail/112>)? If no, please let us know why.

Yes, This project should qualify as a Fish Habitat Enhancement streamlined HPA making the project exempt from SEPA. Since Chumstick Creek is not considered a Shoreline of the State, there will not likely be any County permits required.

## Project Attachments

Attachment Type	Title	Attach Date
Applicant Resolution/Authorizations	Applicant resolution_19-1584_Motteler road.pdf.pdf	06/05/2019
Barrier evaluation form	expandedbarrierform_mott.pdf.pdf	05/28/2019
Cost Estimate	FBRB Cost Estimate Motteler Spreadsheet_updated05.28.xlsx.xlsx	06/05/2019
FBRB Final Application Questions	FBRB Final Application QuestionsMotteler.pdf.pdf	05/28/2019
Map: Restoration Worksite	Chelan County_Motteler_RestorationWorksite.pdf.pdf	05/28/2019
Photo	IMG_0162.JPG.jpg	05/28/2019
Photo	IMG_2390.JPG.jpg	05/28/2019

## Application Status

**Application Due Date:** 07/10/2019

Status	Status Date	Name	Notes
Application Submitted	06/05/2019	Allison Lutes	
Preapplication	05/24/2019		

I certify that to the best of my knowledge, the information in this application is true and correct. Further, all application requirements due on the application due date have been fully completed to the best of my ability. I understand that if this application is found to be incomplete, it will be rejected by RCO. I understand that I may be required to submit additional documents before evaluation or approval of this project and I agree to provide them. (Allison Lutes, 06/05/2019)

Date of last change: 06/05/2019