

Project #14-1021, W. Uncas Road-Salmon Ck Culvert Replacement Design

Current Status: Application Submitted

Project Details

Primary Sponsor: Jefferson County Public Works

Primary Contact: Eric Kuzma
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Funding Program: Puget Sound Acq. & Restoration

Lead Entity: Hood Canal Coordinating Council Lead Entity

Project Type: Planning

Project Description

Jefferson County will complete the 8 elements of the proposed design to produce a 'shovel ready' project. The overall project is to produce PS&E to replace a failing steel culvert, fish passage barrier, with a 24 to 30 foot bottomless concrete box, essentially a short bridge. Prior to defining the PS&E scope it is necessary to have a right-of-way (limits) and topographic survey, performed by a licensed surveyor. It is also essential to perform a geotechnical study in order to gather the required information to adequately design the culvert foundation. Completion of these mandatory design elements will position the project well for completion of final PS&E, to be completed by June 30, 2015. Removal of the West Uncas Road fish passage barrier is one of the final remaining salmon habitat improvement projects identified on Salmon Creek. Over the last decade, successful partnerships have led to grant-funded projects targeting restoration of listed summer chum habitat within this watershed. The Uncas Road culvert replacement project is expected to 1) Improve watershed continuity 2) Restore summer chum habitat 3) Improve spawning success of important salmon stock and 4) Improve fish access to high quality spawning and rearing habitat upstream of the culvert. If the culvert fails, it could cause significant damage to restoration already completed downstream.

Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer
Completion Date	
Projected date of completion	6/30/2015
Sponsor Match: Monetary Funding	
Amount of other monetary funding	\$0.00
Project identifier for the other monetary funding	N.A.
Source of other monetary funding	N.A.
Sponsor Match: Donated Un-paid Labor (volunteers)	
Value of Donated Unpaid Labor (Volunteers)	\$0.00
Source of Donated Un-paid labor contributions	N.A.
Sponsor Match: Donated Paid Labor	
Value of Donated Paid Labor	\$0.00
Source of Donated Paid Contributions	N.A.
Sponsor Match: Other In-kind Contributions	
Value of Other In-Kind Contributions	\$0.00
Source of Other In-Kind Contributions	N.A.
Description of other In-Kind contributions	N.A.

Project Funding

Funding Request		Funding %
Puget Sound Acq. & Restoration	\$98,200	100.00 %
Total Project Funding	\$98,200	100.00 %

Project Cost Summary	Project %	Admin/A&E %	Maximum for Selected Program
PLANNING COSTS			
Planning	\$98,200		
A&E	\$0	0.00 %	\$29,460 (30%)
Subtotal	\$98,200	100.00 %	
Total Cost Estimate	\$98,200	100.00 %	

Worksites and Properties

County: Jefferson

Legislative Districts 2002: 24

Legislative Districts 2012: 24

Congressional Districts 2002: 06

Congressional Districts 2012: 06
Salmon Recovery Regions: Hood Canal/Puget Sound
DNR Watershed Units (WAU): Discovery Bay
4th Field Catalog Units (HUC): DUNGENESS/ELWHA
WRIA: Quilcene-Snow
Sections: 26
Township: T29NR02W
Coordinates: 47.98023638
 -122.89654839

Worksite #1: West Uncas Road - Salmon Creek Culvert @ MP 0.804

Coordinates from Mapped Point: **Latitude:** 47.98023638 **Longitude:** -122.89654839
Coordinates from Worksite **Latitude:** 47.985868 **Longitude:** -122.894016
Directions:

Worksite Description: Salmon Creek Culvert below West Uncas Road. Project is for design only. Site activities may include but are not limited to the following: R/W & Topographic Survey; Geotechnical exploration; Hydraulic & Environmental exploration; County & Engineering Consultant(s) site visits.

Site Access Directions: From the Highway 101 & State Route WA20 intersection, pass Fat Smitty's restaurant (local landmark) and proceed 0.3 miles. Make left turn on West Uncas Road and proceed to 0.8 miles to Salmon Creek crossing.

Worksite Address:

Planning Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer	Work Type Costs
Targeted salmonid ESU/DPS	Chum Salmon-Hood Canal Summer-run ESU, Coho Salmon-Puget Sound/Strait of Georgia ESU, Pink Salmon-unidentified ESU, Steelhead-Puget Sound DPS	
Targeted species (non-ESU species)	Cutthroat, Rainbow	
Area Encompassed (acres)	0.3	
Miles of Stream Affected	1.40	

Design for Salmon restoration

Preliminary design

Total cost for Preliminary design		\$98,200.00
Name of Plan	West Uncas Road Salmon Creek Culvert Replacement Design	
Description of Plan	<p>Jefferson County will complete the 8 elements of the proposed design to produce a 'shovel ready' project. The overall project is to produce PS&E to replace a failing steel culvert, fish passage barrier, with a 24 to 30 foot bottomless concrete box, essentially a short bridge. Prior to defining the PS&E scope it is necessary to have a right-of-way (limits) and topographic survey, performed by a licensed surveyor. It is also essential to perform a geotechnical study in order to gather the required information to adequately design the culvert foundation. Completion of these mandatory design elements will position the project well for completion of final PS&E, to be completed by June 30, 2015. Removal of the West Uncas Road fish passage barrier is one of the final remaining salmon habitat improvement projects identified on Salmon Creek.</p> <p>Over the last decade, successful partnerships have led to grant-funded projects targeting restoration of listed summer chum habitat within this watershed. The Uncas Road culvert replacement project is expected to 1) Improve watershed continuity 2) Restore summer chum habitat 3) Improve spawning success of important salmon stock and 4) Improve fish access to high quality spawning and rearing habitat upstream of the culvert. If the culvert fails, it could cause significant damage to restoration already completed downstream.</p>	

Planning Questions

- 1 of 3** **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.**
 No. Not required
- 2 of 3** **What is the current land use of the site, and its history?**
 Existing (failing) Culvert, project is to replace.
- 3 of 3** **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, Intent is to complete project within County road right-of-way.

Overall Project Questions

- 1 of 5 Do you need state SRFB dollars (not Federal) to match the requirements of any other federal funding you will be using to complete this project. If Yes, please state the amount of state dollars needed out of your total request.
No
- 2 of 5 Describe any ground disturbing work that will be necessary as part of the design process, such as geotech work. Include anticipated number of test sites, depth of disturbance, location, etc.
Geotechnical exploration will be performed to gather the required information to adequately design the culvert foundation. 2 to 4 test pits will be dug. Boring depth will be to native soil below existing steam bed elevation, in the approximate location of the proposed culvert footing.
- 3 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
- 4 of 5 For grants listed in the Sponsor Match Category section on the Funding Request tab, list the grant source(s), when the funds were (or will be) secured, and how long the grant funds will be available to this project.
N.A.
- 5 of 5 Describe the type and timing of donated labor (skilled and unskilled), donated equipment, and donated materials that will be used for this project, identified in the Sponsor Match Category section on the Funding Request tab.
N.A.

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
None - No permits Required				

Project Attachments

Required Attachments	5 out of 5 done
Cost Estimate	<input checked="" type="checkbox"/>
Landowner acknowledgement form	<input checked="" type="checkbox"/>
Map: Planning Area	<input checked="" type="checkbox"/>
Photo	<input checked="" type="checkbox"/>
Salmon Project Proposal	<input checked="" type="checkbox"/>

Photos

Attachment Type	Title	Attach Date
Cost Estimate	Cost Estimate.pdf	01/08/2014
Map: Planning Area	Map - Planning Area.pdf	01/08/2014
Photo	P1080113 (Large).jpg	01/08/2014
Photo	P1080110 (Large).jpg	01/08/2014
Salmon Project Proposal	PIDA project proposal.pdf	01/09/2014

Application Status

Application Due Date: 01/31/2014

Status	Status Date	Name	Notes
Application Submitted	01/09/2014	Eric Kuzma	I hope I have added everything as expected. Please let me know if you require any additional information, corrections, etc. Thank you, Eric
Preapplication	01/06/2014		

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. (Eric Kuzma, 01/09/2014)