

PROJECT: 24-1117 Restoration, Race Lagoon Culvert #1893 - Phase 2

Sponsor: Island County Public Works Program: Salmon State Projects

PROJECT DESCRIPTION

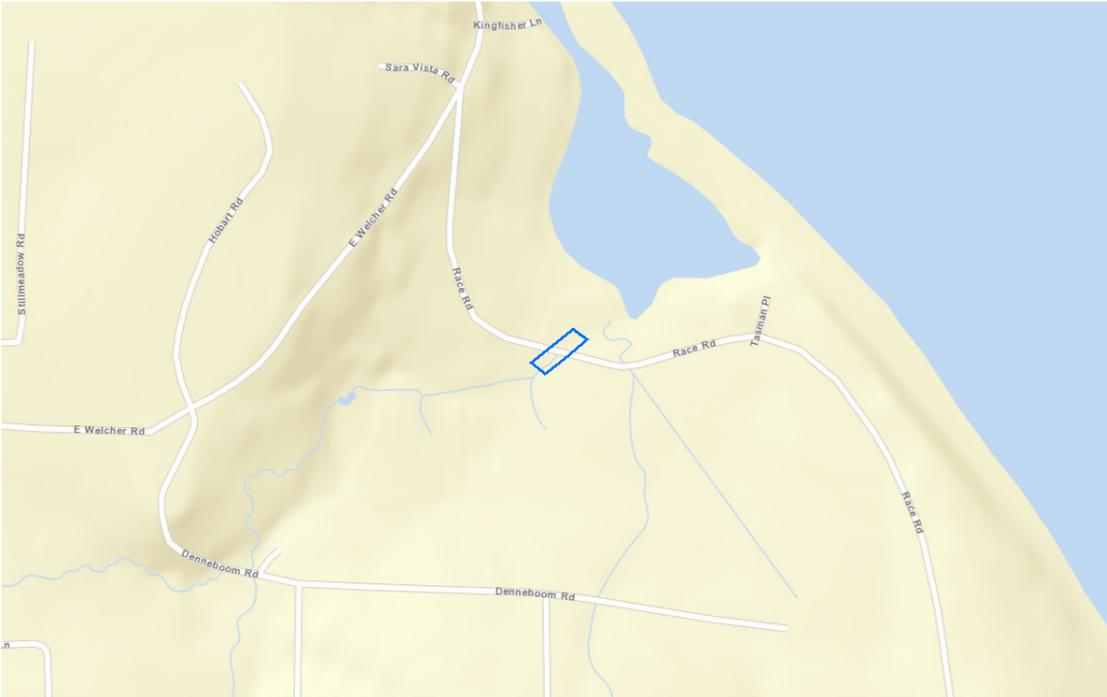
This project proposes to implement Phase 2 of the Race Lagoon Culvert No. 1893 replacement. Island County Public Works has been working with the Skagit Fisheries Enhancement Group to replace a fish barrier culvert, culvert 1893, under Race Road near Coupeville. Removal of these fish passage barriers will open up critical rearing habitat for juvenile salmonids including ESA-listed Threatened Chinook, pink, coho, and chum salmon. These two coastal streams drain to Race Lagoon which has been identified as important pocket estuary habitat for outmigrating salmon from the Skagit, Stillaguamish, and Snohomish Rivers. Pocket estuaries and small coastal streams such as these provide important feeding, resting, and and refuge habitat as juvenile salmon transition from freshwater to saltwater habitat. These culverts were identified in the Culvert Prioritization Inventory conducted by SFEG and Island County in 2021 during which time a Chinook smolt was found in the stream above culvert #1893. In addition, SFEG has been working with local landowners who are open to additional wetland and riparian restoration upstream of these culverts. This grant would fund the final design and construction of culvert 1893. We are still working with property owners on for #1984 for future grant project. Fish passage barrier removal is one of the most rapid and cost-effective ways of increasing the amount of accessible habitat for salmon.

PROJECT CONTACTS

Name, Organization	Project Role	Work Phone	Work Email
Bridget Kaminski Rec. and Conserv. Office	Project Manager	(360) 472-5546	bridget.kaminski@rco.wa.gov
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PROJECT MAP



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WORKSITE #1: Race Lagoon #1893

CR Area: Culvert #1893 replacement

City: n/a Township: n/a

County: n/a Range: n/a

Lat/Long: 48.19051997, -122.60093882 Section: n/a

#1: Provide a description of the project actions at this worksite (acquisition, development and/or restoration activities that will occur as a part of this project)

Excavation limits for culvert replacement.

#2: Describe all ground disturbing activities (length, width and depth of disturbance and equipment utilized) that will take place in the Area of Potential Effect (APE). Include the location of any construction staging or access roads associated with your project that will involve ground disturbance.

Excavation limits are 100 feet long by 80 wide. The excavation depth is expected up to around 10 feet. Excavated material will hauled offsite to an approved pit. A concrete box culvert, concrete side walls, stream sediment/cobbles, road fill, and hot mixed asphalt will imported to restore the disturbed count road. Road shoulder slopes will be seeded.

#3: Describe any planned ground disturbing pre-construction/restoration work. This includes geo-technical investigation, fencing, demolition, decommissioning roads, etc.

Previous geo-technical hand borings have occurred adjacent to the site. Additional borings within the road and the installation of a groundwater monitoring well may occur but are not expected.

#4: Describe the existing project area conditions. The description should include existing conditions, current and historic land uses and previous excavation/fill (if depths and extent is known, please describe).

Paved County Road with fill above expected historic ground elevation. Gravel shoulders, grass, and shrubs within road shoulders.

#5: Will a federal permit be required to complete the scope of work on the project areas located within this worksite?

Yes

List the agency that will be issuing the permit and the date you anticipate applying for and receiving the permit. Will the federal permit cover ALL proposed ground disturbing activities included in the project?

ACOE

#6: Are you utilizing Federal Funding to complete the scope of work? This includes funds that are being shown as match or not.

No

Salmon State Projects and local funding expected.

Project Cultural Resources Screening Report

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#7: Do you have knowledge of any previous cultural resource review within the project boundaries during the past 10 years?

Yes

Summarize the previous cultural resource review; including lead agency and date of review, reference name and numbers, etc. If RCO, include the prior phase grant number. NOTE: Do not provide any site-specific information considered confidential. Attach previous surveys or other reference documents.

SFEG coordinated with DAHP in the previous grant phase.

#8: Is the worksite located within an existing park, wildlife refuge, natural area preserve, or other recreation or habitat site?

No

Excavation limits within County Right of Way and private property.

#9: Are there any structures over 45 years of age within this worksite? This includes structures such as buildings, tidegates, dikes, residential structures, bridges, rail grades, park infrastructure, etc.

No

ATTACHMENTS

Date	Attachment Type	Title
02/12/2024	Map: Area of Potential Effect (APE)	RaceRoad Culverts APE.pdf
02/12/2024	Map: Restoration Worksite	RaceRoad Culverts MAP.pdf
04/23/2024	Site Plan: Restoration Site Plan	RRCR 1893-1894.R24 (Stream Design) 04.10.24.pdf
10/03/2024	Map: Area of Potential Effect (APE)	Project APE Report (10/03/24 15:40:54)
10/03/2024	Map: Area of Potential Effect (APE)	Project APE Report (10/03/24 15:56:17)
10/03/2024	Map: Area of Potential Effect (APE)	Project APE Report (10/03/24 16:03:04)