

Project Cultural Resources Screening Report

PROJECT: 22-1089 Planning, Race Lagoon Passage - Culverts #1893 & 1894

Sponsor: Skagit Fish Enhancement Group Program: Salmon Federal Projects

PROJECT DESCRIPTION

Skagit Fisheries Enhancement Group and Island County Public Works are working to replace two fish barrier culverts, culvert 1893 and 1894, under Race Road near Coupeville, WA and a private crossing immediately downstream of Culvert #1894. Removal of these fish passage barriers will open up critical rearing habitat for juvenile salmonids including ESA-listed Threatened Chinook as well as 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 during the Culvert Prioritization Inventory conducted by SFEG and Island County 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 as a future project. This grant would fund the design of two fish passable structures at culverts 1893 and 1894, and the design of a small bridge crossing and channel meander immediately downstream of culvert 1894 to enhance fish passage. 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
Alison Studley Skagit Fish Enhancement Group	Project Contact	(360) 336-0172 300	astudley@skagitfisheries.org
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PROJECT MAP



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WORKSITE #1: Race Lagoon #1893

Properties:	Race Road Culvert #1893	Township:	31
Address:	503 Race Rd	Range:	02E
City:	n/a	Section:	07
County:	Island	Lat/Long:	48.19049719, -122.60087881

Questions

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

Geo-technical investigation will be needed during the design phase of the project.

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).

Culvert 1893 located under a two-lane paved road. The road prism is approximately 42 wide. Depth of fill is estimated to be 10 feet. Excavation below the native soil for culvert placement is expected.

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

No Design-only at this point

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

No

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

Unknown

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.

Unknown

WORKSITE #2: Race Lagoon #1894 and RFEG053

Properties:	507 Race Road, Race Road Culvert #1894	Township:	31
Address:	507 Race Rd	Range:	02E
City:	n/a	Section:	07
County:	Island	Lat/Long:	48.19029367, -122.59944114

Questions

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

Geotechnical exploration will occur during the design phase of the project.

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).

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Culvert 1894 is located under a two-lane paved road. The road prism is approximately 42 wide. Depth of fill is estimated to be 10 feet. Excavation below the native soil for culvert placement is expected. Culvert REFG053 is located less than 20 feet downstream of culvert 1894 and is also expected to be removed as well as some minor channel re-meandering downstream to the lagoon.

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

No

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

No

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

Unknown

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.

Unknown

ATTACHMENTS

Date	Attachment Type	Title
02/14/2022	Map: Restoration Worksite	RaceRoad Culverts.pdf
02/22/2022	Map: Area of Potential Effect (APE)	RaceRoad Culverts APE.pdf
04/01/2022	Map: Planning Area	RaceRoad Culverts.pdf.PDF
10/04/2022	Map: Area of Potential Effect (APE)	Project APE Report (10/04/22 08:31:35)
10/07/2022	Map: Area of Potential Effect (APE)	Project APE Report (10/07/22 10:26:25)