



ZACKUSE CREEK FISH PASSAGE AND STREAM RESTORATION PROJECT

Public Open House No. 2

January 10, 2018

Agenda

- 6:00 Refreshments**
- 6:10 Staff Presentation**
- 6:40 Discussion with Project Team at Project Displays**

Project Overview

Spawning areas for native kokanee salmon have reduced to a handful of tributaries to Lake Sammamish when once they were known to spawn throughout Lake Washington, the Sammamish River, and Lake Sammamish. The decline of the local population has been of special concern to Sammamish residents, fisheries and native tribes. Without diversity in available spawning habitat, a single localized event, whether natural or anthropogenic, could destroy the entire population. The Zackuse Creek Fish Passage and Stream Restoration project will aid in the reestablishment of Zackuse Creek as a kokanee spawning area. The project includes two primary objectives:

1. Replace the existing culvert under East Lake Sammamish Parkway (ELSP) so that it is fully fish passable and with design elements that emulate a natural stream bed.
2. Regrade, realign, and restore through reconstruction the existing creek channel upstream from the East Lake Sammamish Parkway culvert.

Two other fish passage culvert projects located downstream at the King County Trail and East Lake Sammamish Shore Lane NE are concurrently being designed by King County. The City and King County are in negotiations to combine the construction of the Zackuse Creek culvert under the King County trail and under Shore Lane with the City's fish passage project. We anticipate reduction of public costs on both projects, reduction in overall construction time, and the result of all lower Zackuse Creek fish passage barriers removed by the end of 2018.

Project Status

Both the City and King County have completed 90% design plans and specifications. SEPA, and Public Agency Utility Exemption (PAUE) permits have been issued by the City's Department of Community Development. The City is working with the Washington State Department of Fish and Wildlife and the US Army Corps for additional permits. We anticipate permit issuance by spring 2018.

Project Schedule

Feb 22	100% Design Complete, Project Bid Advertisement
March 15	Contractor Bid Opening
April 3	City Council Bid Award, ILA approved
April 16	Order precast concrete culvert(s)
June 4	Construction starts
July 1-Sept 30	Culvert construction (Fish Window)
July 5-July 19	Target for full road closure of ELSP
Sep 30	Project Substantially Completed

Funding

2017 King County Waterworks Grant	\$157,400	awarded
2017 King County Flood Reduction Grant	\$175,000	awarded
2017 King County Sub-Regional Opportunity Grant	\$371,154	awarded
2018 King Conservation District	\$280,000	unsecured
2018 King County Flood Reduction Grant	\$250,000	unsecured
Total Grants	\$1,233,000	Reimbursed
King County Trail	\$ 410,000	Reimbursed (estimate)
Shore Lane	\$ 286,000	Reimbursed (estimate)
CITY MATCH	\$1,016,000	
PROJECT ESTIMATE	\$2.9 MIL	

Project Team

Tawni Dalziel, P.E, City Sr. Stormwater Program Manager
Andrew Zagars, P.E., City Engineer
Greg Laird, P.E., City Consultant Project Manager, Otak
Courtney Moore, City Consultant Water Resource Analyst, Otak
Kevin O'Brien, City Consultant Senior Ecologist, Otak
Gina Auld, King County Project Manager
Craig Buitrago, King County Consultant Project Manager, Parametrix

Project Partners

*City of Sammamish
King County
Lake Sammamish Kokanee Work Group
Snoqualmie Tribe
Trout Unlimited
Private property owners*