

Illabot Cr Alluvial Fan Restoration Phase 2b

Project Details

Project Status: Merged since 03/03/2016

Project Type: Restoration

Project Sponsor: Skagit River System Cooperative

Funding Board: Salmon Recovery Funding Board

Funding

Puget Sound Acq. & Restoration:	\$2,187,454
Salmon State Projects:	\$415,046
Total RCO Grant:	\$2,602,500 (85%)
Sponsor Match:	\$459,275 (15%)
Total Agreement:	\$3,061,775 (100%)

Links

Attachments: 10 files

Project Description

The goal of this project is to restore natural processes and improve habitat conditions on the alluvial fan of Illabot Creek by addressing impacts from the dikes and roadway. The first phase of the project was completed in 2013 with SRF Board funds (project #11-1542), and included removing approximately 1,150 linear feet of dike, installing log jams, and constructing pilot channels downstream of Rockport-Cascade Road. Partial funding has been received for Phase 2 (14-2170) and the funding request described here is to complete funding for Phase 2. Phase 2 will involve completing final designs, constructing two new 100-foot span bridges on Rockport-Cascade Road, removing an additional 850 linear feet of dike, installing log jams, and actively reconnecting Illabot Creek with historic channels on the floodplain and alluvial fan. The existing bridge will be left in place, and when the project is completed any one of the three bridges could convey all or a portion of the flow from Illabot Creek. The project will initially direct flow through constructed pilot channels and the two new bridges, and then over time will allow the natural processes of erosion, deposition, and channel development to occur across the alluvial fan. This is expected to substantially increase spawning and rearing habitat for Chinook salmon, steelhead trout, and other species.

Project Contacts

Project Sponsor: Skagit River System Cooperative

Lead Entity: Skagit Watershed Council Lead Entity

Project Contact: Devin Smith
dsmith@skagitcoop.org
(360) 391-1984

Funding Agency: Recreation and Conservation Office

Project Manager: Marc Duboiski
marc.duboiski@rco.wa.gov
(360) 902-3137

Project Location

General Area: Between Rockport and Marblemount, south side of Skagit River

County: Skagit

Legislative Districts 2012: 39

Congressional Districts 2012: 01

Salmon Recovery Regions: Puget Sound

DNR Watershed Units (WAU): Illabot

4th Field Catalog Units (HUC): Upper Skagit

WRIA: Upper Skagit

Sections: 34

Township: T35NR10E

Coordinates: 48.47987954
-121.49908653

Worksites

Worksite Name	Scope of Work	Proposed Restoration Cost
Illabot Creek (#1)	Architectural & Engineering (A&E), Channel reconfiguration and connectivity (C.4.c.1), Channel structure placement (C.4.d.1)	\$3,061,775
Total		\$3,061,775

Properties

Worksite Name	Property Name	Landowner Type
Illabot Creek (#1)	Property 1 - Ryan Tree Farm, LLC	Private
Illabot Creek (#1)	Property 2 - Seattle City Light	Local Government
Illabot Creek (#1)	Property 3 - Skagit County	Local Government
		Total

Amounts may not be accurate.

Project Metrics (Outcomes, Benefits)

Category / Work Type / Metric Estimated

Restoration Metrics (rolled up from Worksite level)

Instream Habitat Project

Channel reconfiguration and connectivity (C.4.c.1)

Miles of Stream Treated for channel reconfiguration and connectivity (C.4.c.3)	0.30
Miles of Off-Channel Stream Created (C.4.c.4)	0.34
Acres Of Channel/Off-Channel Connected Or Added (C.4.c.5)	10.7

Channel structure placement (C.4.d.1)

Miles of Stream Treated for channel structure placement (C.4.d.3)	0.34
Acres Of Streambed Treated for channel structure placement (C.4.d.4)	0.3
Pools Created through channel structure placement (C.4.d.5)	15
Number of structures placed in channel (C.4.d.7)	12

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Water Quality Certification [Section 401]				
Shoreline Permit				
Nationwide Permit				
Hydraulics Project Approval [HPA]				
Forest Practices Application [Forest & Fish]				
Clear & Grade Permit				
Archeological & Cultural Resources (EO 05-05)				

Project Milestones

Milestone Name	Target Date	Description
Project Start		
Landowner Agreement to RCO		
Preliminary Design to RCO		
Special Conditions Met		
Cultural Resources Complete		
Applied for Permits		
Annual Project Billing		
Progress Report Submitted		
Permits Complete		
Bid Awarded/Contractor Hired		
Restoration Started		
RCO Final Inspection		
Funding Acknowl Sign Posted		
Restoration Complete		
Stewardship Plan to RCO		
Final Report in PRISM		
Agreement End Date		
Final Design to RCO		
Final Billing to RCO		

NOTE: This data is subject to change.

Project Attachments

Attachment Type	Attachment Title	Attach Date
Application Review Report	Application Review Report, 15-1169R(compl 08/28/15 12:38:37).pdf	08/28/2015
Authorizing Resolution/Application Authorization	15-1169 Signature Authorization Resolution.pdf	01/13/2016

Cost Estimate	Illabot_cost_estimate_2015.xlsx	04/06/2015
Map: Restoration Worksite	Illabot_Maps_worksite.pdf	04/06/2015
Photo	planebed_photo.jpg	04/06/2015
Project Application Report	Application Report, 15-1169R (submitted 08/13/15 11:08:25).pdf	08/13/2015
Salmon Project Proposal	LECC-Questions.docx	06/16/2015
Salmon Project Proposal	2015 Illabot_proposal_phase2b_revised.docx	06/02/2015
Salmon Project Proposal	Illabot_Proposal_Phase2SRFB_final.docx	04/06/2015
SRFB Review Panel	15-1169 Illabot Creek Alluvial Fan Restoration 2b - SRFB.pdf	01/28/2016
Comment Form		

Date of last change: 03/03/2016