

Project #14-1125, Stevenson Shoreline Restoration & Rec Enhancement

Current Status: Application Submitted

Project Details

Primary Sponsor: Port of Skamania

Primary Contact: John McSherry
(509) 427-5484
john@portofskamania.org

Funding Program: Aquatic Lands Enhancement Acct

Project Type: Development & Restoration

Project Description

This restoration/development project is located on the Columbia River in downtown Stevenson, WA. Goals are: 1) restoring & protecting 600' of shoreline habitat; 2) constructing a new accessible, connecting waterfront trail & new recreation Columbia River beach access attracting users from metropolitan Southwest WA & beyond. Aquatic enhancements will include sloping existing river bank (shallow water habitat), installing protective rootwad structures & increasing riparian area by 53%. Priority species benefiting from restoration include: Endangered Snake River Sockeye, Threatened Snake River spring, summer & fall Chinook and Steelhead, Threatened Upper & Lower Columbia River Chinook & Steelhead, Threatened Lower Columbia River Coho and Threatened Middle Columbia River steelhead. Project design is permitted by regulatory agencies. The water recreation enhancements will include constructing 475' of new accessible, connecting waterfront trail and constructing a new, year round, public access beach on the Columbia River providing new access for fishing; swimming, kayaking/hand launched boating; kite boarding; windsurfing; walking; birding; picnicking; sightseeing. The new trail will connect the Lewis & Clark National Historic Trail & the National Parks Service Ice Age Floods National Geologic Trail; major facilities including the Columbia Gorge Interpretive Center, Skamania Lodge, the Columbia River Gorge National Scenic Area Forest Service Center, Stevenson Landing Pier & restrooms.

Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric

Application Answer

Community Values

Management Priority
Connecting children with nature

Corridor
The new waterfront trail created by this project will link two existing interpretive trails including educational Lewis & Clark National Historic Trail interpretive signs and National Parks Service Ice Age Floods National Geologic interpretive signs

Project sustainability

This project will use river rock dredged from nearby Rock Creek as fill to create the new sloping river bank and fish friendly shallow water habitat. The stabilizing rootwad structures will be recycled from a nearby landslide.

Economic Benefit

Projected economic benefit provided by the project

Skamania County is the most tourism-dependent county, per capita, in WA state; (Dean Runyan Jan 2012) statistics show tourism-related jobs are the largest private sector of our economy. We are partnering with our local Tourism Advisory Committee, which is investing \$100,000 in this project recognizing these are high priority tourism-related facilities. This project will bring in tourists to all the businesses in the City of Stevenson; it provides an outlet for physical activity that improves human health (walking, jogging path, access to water) as well as promoting positive mental health (nature walk, scenic views, wildlife viewing, tranquil setting).

Sites Improved

Stream miles restored	0.11
Project acres developed	2.00
Project acres renovated	0.20
Project acres to be restored	2.00

Completion Date

Projected date of completion 3/1/2016

Project Funding

Funding Request		Funding %	Min Match Required	Sponsor Match Source	
Aquatic Lands Enhancement Acct (FY2016)	\$344,000	50.00 %		Appropriation \ Cash	\$184,000
Sponsor Match	\$344,000	50.00 %	50%	Donated Materials	\$60,000
Total Project Funding	\$688,000	100.00 %		Grant - Local	\$100,000

Project Cost Summary

Project % Admin/A&E % Maximum for Selected Program

DEVELOPMENT/RESTORATION COSTS				\$500,000
Development/Restoration	\$623,000			
A&E	\$65,000	10.43 %		\$124,600 (20%)
Subtotal	\$688,000	100.00 %		
Total Cost Estimate	\$688,000	100.00 %		

Worksites and Properties

General Area: This project is located in Sakamania County, WA.

County: Skamania

Legislative Districts 2012: 14

Congressional Districts 2012: 03

Salmon Recovery Regions: Lower Columbia

DNR Watershed Units (WAU): Rock Creek

4th Field Catalog Units (HUC): MIDDLE COLUMBIA/HOOD

WRIA: Wind-White Salmon

Sections: 42

Township: T02NR07E

Coordinates: 45.69192851
-121.88195684

Worksite #1: Stevenson Shoreline Restoration & Rec Enhancement

Coordinates from Mapped Point: **Latitude:** 45.69192851 **Longitude:** -121.88195684

Coordinates from Worksite: **Latitude:** 45.692446 **Longitude:** -121.882009

Directions:

Worksite Description: The project area is located in the commercial zone of downtown Stevenson, WA along the north bank of the Columbia River. The project entails restoring aquatic habitat to 600' of river bank by: removing 450' of severely eroding bank, removing of 120' of habitat degrading sheet pile and 30 feet of riprap; installing a sloping bank with protecting rootwad structures creating fish friendly shallow water habitat. The shoreline would be restored and water recreation access would be enhanced by extending a sloping shoreline on average 78 feet to the south into the river. An estimated 18,730 cubic yards of rock and soil and two large rootwad structures would be placed to create the new sloping bank. The riparian area will be expanded by 53%. The upper zone of the project area would be restored with native shrubs and trees. The water recreation enhancement phase of the project will: re-establish 475' of accessible, connecting waterfront trail; and construct a new public access beach on the Columbia River. Public access to the Columbia River is extremely limited in this area and the need is high. The new river access will enable fishing; swimming, kayaking/hand launched boating; kite boarding; windsurfing; walking; birding; picnicking; sightseeing. The new trail will connect the Lewis & Clark National Historic Trail & the National Parks Service Ice Age Floods National Geologic Trail; major facilities including the Columbia Gorge Interpretive Center museum & Skamania Lodge.

Site Access Directions: From the City of Vancouver WA take SR14 east 35 miles to Stevenson, turn right on Russell Street to the waterfront. From the City of Portland OR, take I84 east 25 miles to Cascade Locks, exit 44, cross the Bridge of the Gods to Washington's SR14, turn Right east 3 miles to Stevenson, turn right on Russell Street to the waterfront.

Worksite Address:
SW Cascade Avenue
Stevenson, WA 98648

Development/Restoration Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer	Work Type Costs
Estuarine / Nearshore Project		
Shoreline armor removal or modification		
Total cost for Shoreline armor removal or modification		\$12,000.00
Miles of Shoreline Treated for armor modification/removal	0.11	
Acres of Shoreline Treated for armor modification/removal	2.0	
General Site Improvements		
Develop paths/walkways		
Total cost for Develop paths/walkways		\$6,000.00
Select the surface of the path/walkway	Asphalt	
Linear feet of path/walkway	460	
Minimum width of the path/walkway	10	
Walkway lighting provided (yes/no)	Yes	
Number of walkway bridges	0 new, 0 renovated	
Install fencing/barriers		
Total cost for Install fencing/barriers		\$2,500.00
Select the fencing types	Other	
Linear feet of fencing/barriers installed	450	
Number in feet of fence height	4	
Select the barrier types	Other	
Install lighting (general security)		
Total cost for Install lighting (general security)		\$8,000.00
Number of general security lights installed	8	
Install signs/kiosk		

Total cost for Install signs/kiosk			\$3,000.00
Number of kiosks		1 new, 0 renovated	
Number of interpretive signs/displays		2 new, 0 renovated	
Number of permanent entrance signs		0 new, 0 renovated	
Project involves installation of informational signs (yes/no)		Yes	
Install site furnishings			
Total cost for Install site furnishings			\$4,500.00
Select the site furniture / amenities		Benches, Drinking fountains, Picnic tables, Recycling/Trash receptacles	
Landscaping improvements			
Total cost for Landscaping improvements			\$22,000.00
Acres of landscaped area		1.70	
Select the landscape features		Boulders, Grass/turf, Groundcover, Native vegetation, Trees/shrubs	
Shoreline protection			
Total cost for Shoreline protection			\$185,000.00
Linear feet of shoreline protection		600	
Select the shoreline protection type		Boulders, Plantings/vegetation	
Instream Habitat Project			
Channel structure placement			
Total cost for Channel structure placement			\$68,000.00
Material Used For Channel Structure		Deflectors/Barbs, Individual Logs (Anchored), Individual Logs (Unanchored), Rocks/Boulders (Unanchored), Stumps With Roots Attached (Rootwads)	
Miles of Stream Treated for channel structure placement		0.12	
Number of structures placed in channel		2	
Instream debris removal			
Total cost for Instream debris removal			\$1,685.00
Acres treated by debris removal		1.8	
Streambank stabilization			
Total cost for Streambank stabilization			\$60,000.00
Material Used For Streambank Stabilization		Log Barbs, Rocks/Boulders, Vegetation	
Miles of Streambank Stabilized		0.11	
Riparian Habitat Project			
Planting			
Total cost for Planting			\$16,700.00
Acres Planted in riparian		2.2	
Site Preparation			
General site preparation			
Total cost for General site preparation			\$5,000.00
Acres of site preparation		0.75	
Buildings / structures to be demolished		0	
Select the site preparation activities		General site prep activities, Mobilization, Removal of piling, Surveying, Traffic control	
Trails			
Trail development			
Total cost for Trail development			\$10,000.00
Linear miles of trail		0.09 new, 0.00 renovated	
Width of the trail in feet		8	
Select the trail surface types		Asphalt, Other pervious surface	
Linear miles of boardwalk		0.00 new, 0.00 renovated	
Select the trail structures		None	
Select the Non-motorized trail uses		Bicycle riding, Hiking/walking, Mountain biking, Roller-skating	
Number of trailheads		0 new, 2 renovated	
Project involve painting, striping, or other trail/pavement marking (yes/no)		No	
Upland Habitat And Sediment Project			
Upland planting			
Total cost for Upland planting			\$3,420.00
Acres of upland planting		1.2	
Utilities			
Install communication utilities			
Total cost for Install communication utilities			\$1,000.00
Select the communication utilities		Phone	
Install power utilities			
Total cost for Install power utilities			\$10,000.00
Select the power utilities		Power line	
Water Access			
Develop access point			

Total cost for Develop access point			\$3,695.00
Number of designated water access points		1	
Describe the designated water access point (stairs, ramp, etc.)	The new designated water recreation access would be a combination path / terraced stairway constructed of a rock and wood.		
Develop beach			
Total cost for Develop beach			\$71,000.00
Linear feet of beach		620	
Select the type of beach		Gravel/rock	
Develop hand launch facilities			
Total cost for Develop hand launch facilities			\$1,620.00
Number of hand launches		1 new, 0 renovated	
Select the type of hand launch facility		Hard-surface access, Natural	
Wetland Project			
Wetland improvement/ restoration			
Total cost for Wetland improvement/ restoration			\$43,900.00
Acres of wetland Improved/Restored		2.2	
Wetland planting			
Total cost for Wetland planting			\$36,400.00
Acres of wetland planted		1.7	
General restoration activities			
Other restoration activities			
Total cost for Other restoration activities			\$30,000.00
Describe the other restoration activities	Shoreline restoration - engineered shallow sloping gravel shore line protected with root wad structures and riparian plantings.		
Restoration fencing and gates			
Total cost for Restoration fencing and gates			\$2,580.00
Linear feet of fencing		1250	
Acres protected by fencing		1.5	
Permits			
Obtain permits			
Total cost for Obtain permits			\$15,000.00
Number of permits required for implementation of project		5	
Architectural & Engineering			
Architectural & Engineering (A&E)			
Total cost for Architectural & Engineering (A&E)			\$65,000.00

Development/Restoration Questions

- 1 of 7 Identify the source of funds (i.e. federal grant, Conservation Futures, local appropriations, private land donation, etc.) that was originally used to acquire the property.**
All Port of Skamania County owned property was originally acquired using Port cash
- 2 of 7 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, The project site is located on Port of Skamania County's property along the Columbia River in downtown Stevenson Washington. Located at the west end of the site is Stevenson Landing (a Port owned public pier that receives cruise ships), Teo Park (a waterfront park dedicated for public use and community events), and a public restroom. At the east end of the site is Leavens Point, which is a public right-of-way maintained by the Port as a picnic area and includes 55 adjacent paved parking spaces, and a public restroom. The work site is located in the Columbia River Gorge National Scenic Area, one of only two National Scenic Areas in the Country. The site is located in the middle of downtown Stevenson commercial zone and is a high use recreation area used by hundreds of water sports enthusiast on a daily basis. The need for a new public access beach is great. Public access to the Columbia River is extremely limited in this area.
- 3 of 7 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.
- 4 of 7 Describe existing project site conditions. The answer to this question will be used in cultural resource consultation so please provide detailed information.**
The project area shoreline aquatic habitat has been compromised by past river bank hardening and bank erosion. Currently, 450 feet of river bank is actively eroding, 30 feet of the project area shoreline is covered with riprap, and 120 feet of the shoreline is impacted sheet pile. The project area is primarily zoned commercial and a lesser portion is zoned industrial (east end). Buildings within the project area include: a restaurant; maintenance building; an undeveloped commercial building; and a section of a multipurpose industrial building. Total area of buildings within the project area is 0.35 acres. Paved parking area associated with the existing buildings totals 1.34 acres. In addition to the buildings and paved parking areas, a paved accessible recreation trail extends to the east covering an area of 0.25 acres. Leavens Street and Leavens Street right-of-way extends from Cascade Avenue south to the Columbia River shoreline covering an additional 0.07 acres. Total area and percent area covered by buildings and paving within the project are 1.87 acres. The remaining area is a future commercial development lot. There are two existing waterfront trails that will be connected by this project and will extend a larger City wide interpretive trail system.
- 5 of 7 Describe any proposed ground disturbing activities. That is, will a tool(s) be used to move earth (soil, rock, gravel, etc.) as part of this project? This includes hand or mechanized tools, for example: shovel, auger, pick axe, backhoe, etc. The answer to this question will be used in cultural resource consultation so please provide detailed information on the anticipated depth of excavation and the size of area disturbed.**
This Scope of Work for this project includes: establishing erosion control; clearing and grubbing the area along the shoreline; establishing a haul road;

removing 120 linear feet of steel sheet piling from the shoreline at Leavens street right-of-way; placing over 18,000 cubic yards of bulk fill material with dump trucks and bull dozers along the shoreline between the Stevenson Landing pier and Leavens Street right-of-way creating shallow water fish habitat and protecting the Columbia River bank; placing two large woody debris (root wads) and boulders structures to protect the sloping shallow water habitat; planting native vegetation in lower and upper planting zones enhancing the habitat; constructing a 475' by 8' wide waterfront pathway using engineered pervious materials upland from the newly placed sloping shallow water river bank; establishing a public access beach at the Leavens Street right-of-way and the Columbia River.

- 6 of 7 Give street address for this worksite if available.**
The project site is located in downtown Stevenson WA between Russell and Leavens Streets running parallel to Cascade Avenue along the Columbia River.
- 7 of 7 If buildings or structures (tidegates, dikes, etc.) will be altered, removed, or demolished, provide for each: identifying name, year constructed, year(s) remodeled/renovated. Attach at least one photograph for each to your project in PRISM. If none: N/A The answer to this question will be used in cultural resource consultation so please provide detailed information.**
No buildings will be altered or demolished by this project. However, 120 linear feet of steel sheet piling along the shoreline at Leavens Point will be removed.

Property for Stevenson Shoreline Restoration & Rec Enhancement Worksite #1: City of Stevenson Lot & Right-of-Way

Activity: Development/Restoration

Landowner

City of Stevenson
PO Box 371
Stevenson, WA 98648

Control and Tenure

Instrument Type: Public Use Agreement
Purchase Type:
Term Length: Perpetuity
Expiration Date:
Note:

Landowner Type: Local Government

Property for Stevenson Shoreline Restoration & Rec Enhancement Worksite #1: Port of Skamania County Owned Property

Activity: Development/Restoration

Landowner

Skamania Port of
PO Box 1099
Stevenson, WA 98648

Control and Tenure

Instrument Type: Sponsor owned property
Purchase Type:
Term Length: Perpetuity
Expiration Date:
Note:

Landowner Type: Local Government

Overall Project Questions

- 1 of 8 Does the project site or project boundary lie within the urban growth area boundary of a city or town with a population of 5,000 or more? If yes, name the community and attach one map called Population Proximity Map under the Attachment Tab in PRISM.**
The City of Stevenson population is less than 5,000; the project is within the city limits.
- 2 of 8 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.**
No ground disturbing work will be necessary as part of the design process. Design and engineering for this project is complete.
- 3 of 8 Who will be responsible for administration, design, and/or implementation of this project (i.e. in-house staff, paid consultants, contractors, volunteers, other agency staff, etc.)? Explain.**
The Port of Skamania County's staff will be responsible for administering and implementing this project. An engineering consultant will be hired to develop the final bid/construction contract documents. A construction contractor will be hired under public works contracting procedures to construct this project.
- 4 of 8 Is there, or will there be, any significant public access or use restrictions? If yes, explain:**
No. This project will result in increased public access to the Columbia River.
- 5 of 8 Does this application contain state, federal or other grants as part of the "sponsor match"? If "yes," name the grant(s) and date grant will be available.**
Yes, A \$100,000 grant from the City of Stevenson's Hotel/Motel Tax Fund.
- 6 of 8 Does this application contain elements required for mitigation for other project(s)? If yes, explain:**
No.
- 7 of 8 Is this project a subsequent phase to a previously funded RCFB project? If yes, please identify the grant project number(s) if known.**
No.
- 8 of 8 Are there known subsequent phases for which you expect to seek future RCFB grant funding?**
Not known at this time.

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Hydraulics Project Approval [HPA]		03/28/2010	02/28/2015	119999-1

Permit Questions

1 of 1

If this project requires a federal permit, will the scope of that permit cover ALL proposed ground disturbing activities included in this project? You may need to request a pre-application meeting with the permitting agency to answer this question.

Yes, Yes

Project Attachments**Required Attachments** 6 out of 6 done

Authorizing Resolution/Application Authorization	<input checked="" type="checkbox"/>
Control & Tenure Documentation	<input checked="" type="checkbox"/>
Map: Area of Potential Effect (APE)	<input checked="" type="checkbox"/>
Photo	<input checked="" type="checkbox"/>
Site Plan: Development site plan	<input checked="" type="checkbox"/>
Site Plan: Restoration Site Plan	<input checked="" type="checkbox"/>

Photos

Attachment Type	Title	Attach Date
Authorizing Resolution/Application Authorization	Resolution 7-2014 ALEA grant app.pdf	04/29/2014
Control & Tenure Documentation	Port Skamania ALEA Phase 1 properties.pdf	06/23/2014
Development plan	Enhancement and Access Development plan.pdf	07/08/2010
Map: Regional Location	Site Location Map.pdf	07/08/2010
Map: Site Location	Location Photo - 14-1125DR.jpg	07/11/2014
Photo	Project Photo2 - 14-1125DR.jpg	07/11/2014
Photo	Project Area Photo - 14-1125DR.jpg	07/11/2014
Photo	Aerial Photo of the site with annotations.jpg	05/01/2012
Project Application Report	Application Report, 14-1125C (submitted 05/01/14 18:08:41).pdf	05/01/2014
Project Metric Report	Stevenson Waterfront App Metrics.pdf	08/02/2012
Project Support / Concern Documents	Letter of support from Columbia Gorge Windsurfing Assoc.pdf	05/01/2012
Project Support / Concern Documents	Skamania County Economic Development Council support Ltr.pdf	07/08/2010
Project Support / Concern Documents	Skamania County Chamber of Commerce ALEA Support ltr.pdf	07/08/2010
Project Support / Concern Documents	Port of Skamania ALEA Riverside Lodge support ltr.pdf	07/08/2010
Project Support / Concern Documents	City North Bonneville ALEA Support Letter.pdf	07/08/2010
Project Support / Concern Documents	Port of Skamania ALEA Support Ltr Pacific Crest Trail Assoc.pdf	07/07/2010
Project Support / Concern Documents	Port of Skamania Support Letter City of Stevenson.pdf	07/07/2010
Project Support / Concern Documents	Port of Skamania ALEA Support Ltr Skamania County.pdf	07/07/2010
Site Plan: Development site plan	New Accessable, connecting waterfront trail - 14-1125DR.jpg	07/11/2014
Site Plan: Development site plan	Public Access Beach - 14-1125DR.jpg	07/11/2014
Site Plan: Development site plan	Development_Site_Plan_ALEA_050114.pdf	05/01/2014
Site Plan: Restoration Site Plan	Restoration Photo - 14-1125DR.jpg	07/11/2014
Site Plan: Restoration Site Plan	Restoration_Site_Plan_ALEA_050114.pdf	05/01/2014
Work area plan	Port of Skamania- Stevenson Shoreline.pdf	02/27/2013
Work area plan	Port_of_Skamania_Waterfront_Access_N_Trail.pdf	05/03/2010

Application Status**Application Due Date:** 05/01/2014

Status	Status Date	Name	Notes
Application Submitted	07/11/2014	Brian Bair	Here you go. John McSherry Port of Skamania 509-4275484

Application Returned 06/16/2014 Laura Moxham

Please review my comments and let me know if you have any questions. Thanks so much!
Laura

Application Submitted 05/01/2014 Brian Bair
Preapplication 02/28/2014

Please let us know if the application was submitted successfully. Thank you.

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. (Brian Bair, 07/11/2014)

Date of last change: 07/11/2014