

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

The Stevenson Shoreline Restoration and Recreation Enhancement Project proposes to restore 1,250 of shoreline and construct 475 feet of accessible trail and new water recreation beach access. The project is located along the Stevenson, WA waterfront along the Columbia River. The goals of this project are: 1) restore 1,250 of Columbia River shoreline 2) increase riparian area by 2.15 acres (53%) 3) enhance and create new water recreation access 4) construct 475 feet of accessible waterfront trail. The priority species benefiting from the restoration include: Endangered Snake River sockeye, Threatened Snake River spring, summer and fall Chinook and steelhead, Threatened Upper and Lower Columbia River Chinook and steelhead Threatened Lower Columbia River coho and Threatened Middle Columbia River steelhead. The water recreation enhancement phase of the project will construct a new 475 feet accessible connecting waterfront trail and will construct a new 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 museum, Skamania Lodge, the Columbia River Gorge National Scenic Area Forest Service Center, Stevenson Landing Pier and public restrooms.

Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric

Application Answer

Community Values

Management Priority

Connecting children with nature

Corridor

The new connective water-frontage trail links existing interpretive signs including an official Lewis & Clark National Historic Trail interpretive sign; National Parks Service Ice Age Floods National Geologic Trail - Bretz Flood interpretive sign;

Project sustainability

The Port proposes to use an ADA pervious paving surface on the new public connective water-frontage trail.

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 2011) 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 this is a high priority tourism-related facility. This project protects businesses along the corridor by stabilizing the river bank; it brings tourists to the businesses along the waterfront and eventually into the city; 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

Project acres developed

Project acres renovated

Project acres to be restored

0.11

2.00

0.20

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	\$333,945	50.00 %		Appropriation \ Cash	\$174,000
Sponsor Match	\$334,000	50.00 %	50%	Donated Materials	\$60,000
Total Project Funding	\$667,945	100.00 %		Grant - Local	\$100,000

Project Cost Summary

DEVELOPMENT/RESTORATION
COSTS

Project %

Admin/A&E %

Maximum for Selected Program

\$500,000

Development/Restoration	\$622,945				
A&E	\$45,000		7.22 %		\$124,589 (20%)
Subtotal	\$667,945	100.00 %			
Total Cost Estimate	\$667,945	100.00 %			

Worksites and Properties

Worksite #1: Stevenson Shoreline Restoration & Rec Enhancement

Coordinates from Mapped Point:	Latitude: 45.41392355	Longitude: -121.52509878
Coordinates from Worksite	Latitude: 45.413683	Longitude: -121.524056
Directions:		

Worksite Description: The project area is two blocks south of downtown Stevenson, WA along the north bank of the Columbia River, River Mile 151. The project entails restoring bank stability and aquatic habitat by arresting 450 feet of severe bank erosion which places current infrastructure at risk, removing of 125 feet of sheet pile and 680 feet of rip-rap river bank which degrades aquatic habitat. The shoreline would be restored and water recreation access would be enhanced by then extending the shoreline on average 78 feet to the south. An estimated 18,730 cubic yards of rock and soil would be placed to restore the shoreline and enhance aquatic and riparian habitats. The proposed project restores the footprint of the historic river bank, which expands the riparian area by 2.15 acres (53%). The upper zone of the project area would be restored with native shrubs and trees increasing riparian are by 25% or by 1.5 additional acres. The water recreation enhancement phase of the project will construct a new 475 foot accessible connecting waterfront trail and will construct a new 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 museum and 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	12	
Walkway lighting provided (yes/no)	No	
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	2 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		\$5,000.00
Linear miles of trail	0.09 new, 0.00 renovated	
Width of the trail in feet	12	
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		\$8,420.00
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		\$3,640.00
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)		\$45,000.00

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.**
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, and Teo Park, a waterfront park dedicated for public use and community events. 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. 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 a high use recreation area used by hundreds of water sports enthusiast on a daily basis.
- 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.**
Yes?
- 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; 54% (680 feet) of the project area shoreline is covered with rip-rap, 10% (120 feet) sheet pile and 36% (450 feet) actively eroding. The project area is zoned for commercial and industrial. Buildings within the project area include a section of a multipurpose industrial building, a restaurant, maintenance building and a residence. 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 parallels 829.5 feet of the shoreline covering an area of 0.25 acres. Leavens Street, which extends from Cascade Avenue south to the shoreline, covers an additional 0.07 acres. Total area and percent area covered by buildings and paving within the project are 1.87 acres and 46% respectively. The remaining 2.19 acres, 54% of the project, area are dedicated to water dependent public recreation: The Russell Street Development Lot, East Point Kite Board Beach and Leavens Point Park. There are two existing waterfront trails that this project will connect 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 125 linear feet of steel sheet piling from the shoreline at Leavens Point; placing 18,000 cubic yards of bulk fill material with dump trucks and bull dozers along the shoreline between the Stevenson Landing pier and Leavens Point (approximately 2 acres) to create shallow water fish habitat and to protect the Columbia River bank; place large woody debris (root wads) and boulders structures to protect the shallow water habitat; plant native vegetation in lower and upper planting zones to enhance the habitat; construct a 475 foot by 10 wide waterfront pathway using engineered pervious materials upland from the newly placed shallow water river bank; establish a public access beach at Leavens Point.
- 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 at 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 125 linear feet of steel sheet piling along the shoreline at Leavens Point will be removed.

Waterfront

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.**
Design and engineering is complete; we have received JARPA permits—Corps of Engineers, NOAA-Marine Fisheries, US Fish & Wildlife, WA Dept of Fish & Wildlife, WA Dept of Ecology, City of Stevenson.
- 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.
- 4 of 8 Is there, or will there be, any significant public access or use restrictions? If yes, explain:**
no
- 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?**
Yes. This would be phase one of Three. The overall project will restore and enhance 1,250 of shoreline.

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Hydraulics Project Approval [HPA]		03/28/2010	02/28/2015	119999-1
Other Required Permits	05/22/2007	04/23/2010	04/23/2015	NWS-2007-192

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
- Control & Tenure Documentation
- Map: Area of Potential Effect (APE)
- Photo
- Site Plan: Development site plan
- Site Plan: Restoration Site Plan

Photos

Attachment Type	Title	Attach Date
Authorizing	Resolution 7-2014 ALEA grant app.pdf	04/29/2014

Resolution/Application Authorization		
Control & Tenure Documentation	Port_Properties_Stevenson_Waterfront.pdf	05/01/2014
Development plan	Enhancement and Access Development plan.pdf	07/08/2010
Map: Regional Location	Site Location Map.pdf	07/08/2010
Photo	Aerial Photo of the site with annotations.jpg	05/01/2012
Project Metric Report	Stevenson Waterfront App Metrics.pdf	08/02/2012
Site Plan: Development site plan	Development_Site_Plan_ALEA_050114.pdf	05/01/2014
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	05/01/2014	Brian Bair	Please let us know if the application was submitted successfully. Thank you.
Preapplication	02/28/2014		

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, 05/01/2014)

Date of last change: 05/01/2014