WASHINGTON STATE Recreation and Conservation Office

Project Application Report

Project #15-1195, Skokomish Valley Rd Realignment Conceptual Design

Current Status: Application Submitted

Project Details

Primary Sponsor: Mason Conservation District
Secondary Sponsor: Mason County
Funding Program: Salmon State Projects
Project Type: Planning

Primary Contact: Rich Geiger
(360) 427-9436 118
rjgeiger@masoncd.org
Lead Entity: Hood Canal Coordinating Council Lead Entity

Project Description

This project will develop conceptual designs that accomplish the following: Relocate the Skokomish Valley Road outside of the South Fork Skokomish riparian area. Reconnect up to 60 acres of floodplain to the South Fork Skokomish. Restore the right bank and riparian area of the Skokomish South Fork to include removal of 800' of rock bank armor, incorporation of large woody debris at least into the river bank and possibly add engineered log jams to the channel to maintain a low-flow channel and increase habitat complexity. Investigate adding a meander to the river channel to create channel complexity and improve sediment transport. Remove or relocate the Vance Creek Bridge to remove a channel constriction and improve sediment and LWD transport.

Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer
Completion Date	
Projected date of completion	12/31/2017
Sponsor Match: Monetary Funding	
Amount of other monetary funding (A.12)	$64,175.00
Project identifier for the other monetary funding (A.12.b)	BOR Tribal Assitance
Source of other monetary funding (A.12.a)	US Bureau of Reclamation
Sponsor Match: Donated Un-paid Labor (volunteers)	
Value of Donated Unpaid Labor (Volunteers) (A.13.a.2)	$0.00
Source of Donated Un-paid labor contributions (A.13.a.4)	NA
Sponsor Match: Donated Paid Labor	
Value of Donated Paid Labor (A.13.b.1)	$0.00
Source of Donated Paid Contributions (A.13.b.2)	NA
Sponsor Match: Other In-kind Contributions	
Value of Other In-Kind Contributions (A.13.c.1)	$0.00
Source of Other In-Kind Contributions (A.13.c.3)	NA
Description of other In-Kind contributions (A.13.c.2)	NA

Project Funding

Funding Request		Funding %	Min Match Required	Sponsor Match Source	
Salmon State Projects	$362,990	84.98 %		Grant - Federal	$64,175
Sponsor Match	$64,175	15.02 %	15%		
Total Project Funding	$427,165	100.00 %			

Project Cost Summary		Project %	Admin/A&E %	Maximum for Selected Program	
PLANNING COSTS					
Planning	$427,165				
A&E	$0		0.00 %	$128,150	(30%)
Subtotal	$427,165	100.00 %			
Total Cost Estimate	$427,165	100.00 %			

Worksites and Properties

County: Mason
Legislative Districts 2012: 35
Congressional Districts 2012: 06
Salmon Recovery Regions: Hood Canal/Puget Sound
DNR Watershed Units (WAU): SKOKOMISH, SF

4th Field Catalog Units (HUC): Skokomish
WRIA: Skokomish-Dosewallips
Sections: 13
Sections: 18
Township: T21NR04W
Township: T21NR05W
Coordinates: 47.31334934
-123.24895523

Worksite #1: Skokomish Valley

Coordinates from Mapped Point: **Latitude:** 47.31334934 **Longitude:** -123.24895523
Coordinates from Worksite Directions: **Latitude:** **Longitude:**

Worksite Description: Skokomish Valley south of Skokomish South Fork between Swift and Vance Creeks and properties west of Vance Creek for road and bridge realignment

Site Access Directions: Drive North of Shelton on US 101, turn left on West Skokomish Valley Road, continue to intersection of Eells Hill Road

Worksite Address:
Skokomish Valley Road between Swift and Vance Creeks
Shelton, WA 98584

Planning Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer	Work Type Costs
Targeted salmonid ESU/DPS (A.23)	Chinook Salmon-Puget Sound ESU, Chum Salmon-unidentified ESU, Pink Salmon-Odd year ESU, Steelhead/Trout-unidentified DPS	
Targeted species (non-ESU species)	Brown Trout, Bull Trout, Cutthroat, Rainbow	
Area Encompassed (acres) (B.0.b.1)	182.7	
Miles of Stream Affected (B.0.b.2)	0.98	
Design for Salmon restoration		
Preliminary design		
Total cost for Preliminary design		$412,165.00
Name of the Plan	Skokomish Valley Road Relocation Conceptual Design	
Description of the Plan	The Skokomish Valley Road Relocation Conceptual Design will establish the feasibility of relocating West Skokomish Valley Road away from the Skokomish South Fork and out of the Skokomish Valley Floodplain. This project will develop a conceptual river channel restoration project to remove up to 800' of hard bank armor, remeander the Skokomish South Fork between Swift and Vance Creeks, place ELJs to restore channel complexity, and reconstruct or remove the lower Vance Creek bridge to eliminate a floodplain constriction. This project will reconnect up to 60 acres of floodplain to the Skokomish South Fork, Vance Creek and Swift Creek.	

Planning Questions

1 of 4 **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

2 of 4 **Will the project include any ground disturbing activities? (Please remember that this includes geotechnical survey sampling and the like.)**
Yes, Geotechnical borings shall be done to develop engineering soils information for preliminary designs for stream crossings. A total of 3 borings will be required to evaluate foundations for new bridges over Swift Creek, a Hunter Creek tributary, and Vance Creek. Typical cost for such geotechnical investigations is $20,000 per site.

3 of 4 **What is the current land use of the site? Has there been ground disturbances historically, if so, what are/were those disturbances? Is there any fill where ground disturbance is proposed? If known, how deep is the fill?**
Much of the current land use is undeveloped floodplain and rural agricultural land. No historic ground disturbances are known at this time. More will be learned about historic ground disturbance during the study.

4 of 4 **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.**
Yes, The Skokomish Tribe owns a 137.72 acre parcel in the project area set aside for habitat conservation and restoration between Swift and Vance Creeks.

Property for Skokomish Valley Worksite #1: 42118-22-00010 MASON COUNTY

Activity: Planning

Landowner
Mason County Public Works

Control and Tenure
Instrument Type: Sponsor owned property

PO Box 1850
Shelton, WA 98587

Landowner Type: Local Government

Purchase Type:
Term Length: Perpetuity
Expiration Date:
Note:

Property for Skokomish Valley Worksite #1: 42118-22-00020 MASON CONSERVATION DISTRI

Activity: Planning

Landowner
Mason Conservation District
450 W Business Pk Rd
Shelton, WA 98584

Landowner Type: Local Government

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

Property for Skokomish Valley Worksite #1: 42118-24-00130 MASON COUNTY

Activity: Planning

Landowner
Mason County Public Works
PO Box 1850
Shelton, WA 98587

Landowner Type: Local Government

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

Property for Skokomish Valley Worksite #1: 42118-24-00150 JENNINGS, MARKUS D

Activity: Planning

Landowner
JENNINGS, MARKUS D
3923 W SKOKOMISH VALLEY RD
SHELTON, WA 98584

Landowner Type: Private

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

Property for Skokomish Valley Worksite #1: 42118-24-00180 PIERSON, KELLY K & TONI M

Activity: Planning

Landowner
PIERSON, KELLY K & TONI M
3891 W SKOKOMISH VLY RD
Shelton, WA 98584

Landowner Type: Private

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

Property for Skokomish Valley Worksite #1: 42118-24-60080 STATE OF WASHINGTON

Activity: Planning

Landowner
STATE OF WASHINGTON
600 CAPITOL WAY N # GJ11
Olympia, WA 98501

Landowner Type: State Government

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

Property for Skokomish Valley Worksite #1: 52112-43-00150 WELLS, WILLIAM A & ALICE

Activity: Planning

Landowner
WELLS, WILLIAM A & ALICE M
5961 E STATE RTE 3
Shelton, WA 98584

Landowner Type: Private

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

Property for Skokomish Valley Worksite #1: 52112-43-00220 WELLS, WILLIAM A & ALICE

Activity: Planning

Landowner
WELLS, WILLIAM A & ALICE M
5961 E STATE RTE 3
Shelton, WA 98584

Landowner Type: Private

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

Property for Skokomish Valley Worksite #1: 52113-10-00010 Skokomish Tribe

Activity: Planning

Landowner
Skokomish Tribe
80 N Tribal Center Rd
Skokomish, WA 98584-9748

Landowner Type: Tribal Government

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

Worksite #2: South Skokomish Plateau

Coordinates from Mapped Point: **Latitude:** 47.31230134 **Longitude:** -123.25633623
Coordinates from Worksite Directions: **Latitude:** **Longitude:**

Worksite Description: South Plateau above Skokomish Valley, west of Eells Hill Road and descending into Vance Creek Valley west of Vance Creek

Site Access Directions: Drive just North of Shelton on US 101, turn left on SR 102, turn right on Eells Hill Road, continue to southern edge of Skokomish Valley

Worksite Address:
South Skokomish Plateau West of Eells Hill Road
Shelton, WA 98584

Planning Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer	Work Type Costs
Targeted salmonid ESU/DPS (A.23)	No Salmon ESU or Steelhead DPS	
Targeted species (non-ESU species)	None	
Area Encompassed (acres) (B.0.b.1)	495.8	
Miles of Stream Affected (B.0.b.2)	0.98	
Design for Salmon restoration		
Preliminary design		
Total cost for Preliminary design		$15,000.00
Name of the Plan	Skokomish Valley Road Relocation Conceptual Design	
Description of the Plan	The Skokomish Valley Road Relocation Conceptual Design will establish the feasibility of relocating West Skokomish Valley Road away from the Skokomish South Fork and out of the Skokomish Valley Floodplain. This project will develop a conceptual river channel restoration project to remove up to 800' of hard bank armor, remeander the Skokomish South Fork between Swift and Vance Creeks, place ELJs to restore channel complexity, and reconstruct or remove the lower Vance Creek bridge to eliminate a floodplain constriction. This project will reconnect up to 60 acres of floodplain to the Skokomish South Fork, Vance Creek and Swift Creek.	

Planning Questions

1 of 4 **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

2 of 4 **Will the project include any ground disturbing activities? (Please remember that this includes geotechnical survey sampling and the like.)**
Yes, Geotechnical borings shall be done to develop engineering soils information for preliminary designs for stream crossings. A total of 2 borings will be required to evaluate foundations for new bridges or culverts over two large stream valleys. Typical cost for such geotechnical investigations is $20,000 per site.

3 of 4 **What is the current land use of the site? Has there been ground disturbances historically, if so, what are/were those disturbances? Is there any fill where ground disturbance is proposed? If known, how deep is the fill?**
Most of the current land use is timber resources, with rural residential and rural agricultural lands located at the end of a proposed road realignment. No historic ground disturbances are known.

4 of 4 **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

Property for South Skokomish Plateau Worksite #2: 42118-30-00000 GREEN DIAMOND RESOURCE CO

Activity: Planning

Landowner
Green Diamond Resource Co.
215 N Third St

Control and Tenure
Instrument Type: Public Use Agreement
Purchase Type:

Shelton, WA 98584

Landowner Type: Private

Term Length: Perpetuity
Expiration Date:
Note:

Property for South Skokomish Plateau Worksite #2: 52111-00-02000 GREEN DIAMOND RESOURCE CO

Activity: Planning

Landowner
Green Diamond Resource Co.
215 N Third St
Shelton, WA 98584

Landowner Type: Private

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

Property for South Skokomish Plateau Worksite #2: 52111-31-00020 SMITH, KENNETH L

Activity: Planning

Landowner
SMITH, KENNETH L
6373 W SKOKOMISH VALLEY RD
Shelton, WA 98584

Landowner Type: Private

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

Property for South Skokomish Plateau Worksite #2: 52111-75-00020 RAGAN, FRANKLIN D

Activity: Planning

Landowner
RAGAN, FRANKLIN D
6051 W SKOKOMISH VLY RD
Shelton, WA 98584

Landowner Type: Private

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

Property for South Skokomish Plateau Worksite #2: 52111-75-00030 RAGAN, DANIEL D & KAREN

Activity: Planning

Landowner
RAGAN, DANIEL D & KAREN
6481 W SKOKOMISH VLY RD
Shelton, WA 98584

Landowner Type: Private

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

Property for South Skokomish Plateau Worksite #2: 52111-75-00040 CHURCHILL, RANDY C & MARI

Activity: Planning

Landowner
CHURCHILL, RANDY C & MARIE E
6421 W SKOKOMISH VALLEY RD
Shelton, WA 98584

Landowner Type: Private

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

Property for South Skokomish Plateau Worksite #2: 52111-75-00050 RAGAN, DANIEL D & KAREN

Activity: Planning

Landowner
RAGAN, DANIEL D & KAREN
6481 W SKOKOMISH VLY RD
Shelton, WA 98584

Landowner Type: Private

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

Property for South Skokomish Plateau Worksite #2: 52112-33-00000 GREEN DIAMOND RESOURCE CO

Activity: Planning

Landowner

Control and Tenure

Green Diamond Resource Co.
215 N Third St
Shelton, WA 98584

Landowner Type: Private

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

Property for South Skokomish Plateau Worksite #2: 52113-20-00000 GREEN DIAMOND RESOURCE CO

Activity: Planning

Landowner
Green Diamond Resource Co.
215 N Third St
Shelton, WA 98584

Landowner Type: Private

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

Property for South Skokomish Plateau Worksite #2: 52113-24-00000 GLEASON SKOK & ASSOCIATES

Activity: Planning

Landowner
GLEASON SKOK & ASSOCIATES
PO BOX 632
MONTESANO, WA 98563-063

Landowner Type: Private

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

Overall Project Questions

1 of 5 **Do you need state SRFB dollars (not Federal) to match the requirements of any other federal funding you will be using to complete this project. If Yes, please state the amount of state dollars needed out of your total request.**
No

2 of 5 **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.**
Geotech borings will be required to determine suitability for new bridge locations and small stream crossings on the South Plateau. 2 borings will be required south (upstream) of the Swift Creek bridge, estimated depth of 100'. 2 borings will be required south (upstream) of the lower Vance Creek bridge, estimated depth of 100'. 2 borings will be required for a flood overflow channel between Vance and Swift creeks, estimated depth of 100'. 1 boring will be required for a stream crossing on the South Plateau, estimated depth of 30'. 2 borings will be required for a stream crossing SW of the upper Vance Creek bridge, estimated depth 100'.

3 of 5 **Is the project on State Owned Aquatic Lands? Please contact the Washington State Department of Natural Resources to make a determination. (www.dnr.wa.gov/Publications/aqr_land_manager_map.pdf)**
Yes

4 of 5 **For grants listed in the Sponsor Match Category section on the Funding Request tab, list the grant source(s), when the funds were (or will be) secured, and how long the grant funds will be available to this project.**
A tribal assistance grant has been requested for the Skokomish Tribe, funds are expected to be available in December 2015.

5 of 5 **Describe the type and timing of donated labor (skilled and unskilled), donated equipment, and donated materials that will be used for this project, identified in the Sponsor Match Category section on the Funding Request tab.**
NA

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
None - No permits Required				

Project Attachments

Required Attachments	5 out of 5 done
Cost Estimate	☑
Map: Area of Potential Effect (APE)	☑
Map: Planning Area	☑
Photo	☑
Salmon Project Proposal	☑

Photos

Attachment Type	Title	Attach Date
Cost Estimate	SRFB_Cost_Estimate_Template.xlsx	06/24/2015
Map: Multi-site and geographic envelope	USACE Skokomish Restoration Project Map.pdf	06/24/2015
Map: Planning Area	Planning Map.pdf	04/21/2015
Photo	Photo - SF Skokomish & Skok Valley Road.jpg	04/20/2015
Salmon Project Proposal	Planning Project Proposal - Skokomish Valley Road Relocation.docx	06/24/2015
Visuals	Routes and Ownership Map.pdf	06/24/2015
Visuals	2013 vs 1938.docx	06/23/2015
Visuals	USACE Skokomish GI Project Map - Local & Federal.pdf	04/21/2015

Application Status

Application Due Date: 08/14/2015

Status	Status Date	Name	Notes
Application Submitted	08/14/2015	Rich Geiger	Hi, Mike. Here is the application for the Skokomish Valley Road Realigment study. It should be OK, let me know if you have any questions. Have a good weekend - Rich
Preapplication	04/01/2015		

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. (Rich Geiger, 08/14/2015)

Date of last change: 08/14/2015