



WASHINGTON STATE DEPARTMENT OF
Natural Resources
Peter Goldmark - Commissioner of Public Lands

Application for Use of State-owned Aquatic Lands

Applicant Name: Washington State Department of Transportation
County: Skagit County
Water Body: Skagit River
Type of Authorization - Use: Easement – Bank stabilization
Authorization Number: Number pending
Term: 30 years

Description: This agreement will allow the use of State-owned aquatic lands for the sole purpose of building bank stabilization structures along 1,300 lineal feet of stream bank. It is located on the Skagit River, in Skagit County, Washington.

Posted: February 17, 2012



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APPLICATION FOR AUTHORIZATION TO USE STATE-OWNED AQUATIC LANDS

No work can be started on the project area until a use authorization has been granted by the state Department of Natural Resources

I. SUBMISSION OF APPLICATION

This application form will be reviewed by the state Department of Natural Resources upon receipt at the address given below, and also posted on the DNR website as public information. Applicants will be notified in writing if the application will be accepted for further review. However, this application may be rejected at any time before signed execution of a use authorization.

APPLICATION MUST BE FILLED OUT IN BLUE OR BLACK PEN

Please send the completed application form to your region land manager at:

Washington State Department of Natural Resources
 [Region/District Address]

Enclose a \$25.00 non-refundable application processing fee with the application. (This fee is not required for local, state, and other government agencies).

II. APPLICANT INFORMATION

Date of Application: 08-10-2011

Authorization to be Issued To (how name is to appear in the lease document): Washington State Dept. of Transportation

Applicant's Representative: Cyndi Booze

Relationship to Applicant: Employee

Address: PO Box 47338

City: Olympia

State: WA

Zip Code: 98504-7338

Telephone: 360.705.7377

Fax: 360.705.6811

E-Mail: boozec@wsdot.wa.gov

FOR OFFICIAL USE ONLY

Support staff: Application Fee Received JARPA Received Date: 2/15/12

Land Manager: New Application; Renewal Application

Land Manager Initials: BBW BP1053962

Land Manager: Type: (20, 21, 22, 23, 31) (51)

Nature Use Code: 2215 - Ease State

Land Records: New Application Number _____; Trust _____; County _____; AQR Plate No. BP:1043545

II. APPLICANT INFORMATION cont'

Department of Revenue Tax *Registration Number (Unified Business Identifier) is Required: 91-6001068

Which of the following applies to Applicant (Check One and Attach written authority to sign - bylaws, power of attorney, etc):

Corporation
State of Registration:Limited Partnership
State of Registration:General Partnership
State of Registration:Sole Proprietorship Marital Community
Spouse:

Government Agency X

Other (Please Explain:)Has the site use been authorized before or is it currently under lease? Yes Lease Number:No X Don't Know **III. LOCATION**The Body of Water on which the state property is located:
Skagit River

County in which the state property is located: Skagit County

Government Lot: 1 (Sec 20 & 29) & 3(Sec 21)

Section: Ptn 20, 21, & 29

Township: 35N

Range: 10

E X or W **Note: A legal property survey including the legal description and other information about the property is required to obtain a use authorization. WA DNR survey requirements are attached to this form. The survey plat will be attached to the lease/easement as Exhibit A. DO NOT HAVE THIS SURVEY CONDUCTED UNTIL YOU HAVE BEEN NOTIFIED IN WRITING THAT THE APPLICATION HAS BEEN ACCEPTED FOR PROCESSING.**

Physical description of Project Area (For example, Marsh, Tideflat adjacent to the Chehalis River, etc.): Along the Skagit River on State Route 20 between mile post 100 & 101

Name of Owner(s) of Uplands, Shorelands, and/or Tidelands shoreward and adjacent to the Property:

Address:

City:

State:

Zip Code:

Phone Number:

Fax Number

E-mail:

Note: Except for property located within established Harbor Areas, proof of ownership, or authorization to use the adjacent tideland, shoreland, or upland property may be required. If the applicant is the owner of the adjacent land, attach a copy of the deed.

County Parcel No(s). for adjacent properties, upland, and/or adjacent tideland properties:

IV. USE OF PROPERTY

See attached addl details of project.

Describe, in detail, the proposed use of the Property:

This project will construct three types of bank stabilization structures along 1,300 lineal feet of stream bank in the project area: 1) Four (Engineered Log Jam) ELJ structures that protrude from the bank to deflect flow velocities away from SR 20; 2) 900 feet of crib wall revetment between the ELJ structures to roughen the stream bank; 3) one apex ELJ to reduce the probability of the main channel river migrating downstream along the highway.

* main channel ownership unknown at this time; however, the banks of River below OTHW likely SOAL - BPA

Is or will the Property be subleased to another party? Yes No X
If yes, submit a copy of the sublease agreement.

What are the current and past uses of the site? River

Do you have any knowledge of contamination of the site by toxic or hazardous substances, or of past uses or practices that might have lead to contamination by such substances? Yes No X
If so, please explain:

Do you know if any fill material has been placed on the property in question? Yes No X
If yes, please explain:

V. IMPROVEMENTS

Physical improvements are structures placed on the land that cannot be removed without damage to the land. Examples of such structures include: pilings, dolphins, piers, wharves, piling-supported buildings, structures built on fill or concrete foundations, buried pipelines and cables, and support structures for bridges.

What physical improvements currently exist on the site? (Photos may be required.) none

If there are physical improvements currently on the site, who owns them?

If there are physical improvements currently on the site, describe their condition:

Which, if any, of the existing physical improvements will be removed, remodeled, or reconstructed?

Describe any physical improvements that the applicant is proposing to construct on the site:

Has any fill material been placed on the site? Yes No X

If Yes, please describe:

VI. LOCAL, STATE, AND FEDERAL REGULATORY PERMITS Copies of all Government Regulatory Permits, or Permit Waivers Are Required Before Issuance of a DNR Use Authorization. Your project may require all or some of the following.

Please include the following permit applications, permits, or waivers with the application:

JARPA (Joint Aquatic Resource Permit Application) - This one form is used to apply for all of the following individual permits:

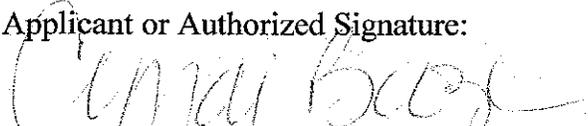
1. **Section 10 Permit** (Required by the US Army Corps of Engineers for any work in or affecting navigable waters, e.g., floats, docks, piers, dredging, pilings, bridges, overhead power lines.)
2. **Shoreline Substantial Development, Conditional Use, Variance Permit or Exemption** (Issued by Local Government, and is required for work or activity in the 100 year flood plain, or within 200 feet of the Ordinary High Water mark of certain waters; and which included any one of the following: dumping, drilling, dredging, filling, placement or alteration of structures or any activity which substantially interferes with normal public use of the waters.)
3. **Hydraulic Project Approval** (Required by the Department of Fish and Wildlife if the project includes work that will use, divert, obstruct, or change the natural flow or bed of any fresh or salt water of the state.)
4. **Section 404 Permit** (Required by the US Army Corps of Engineers if your project will discharge or excavate any dredged or fill material waterward of the Ordinary High Water mark or the Mean Higher High Tide Line in tidal areas.)
5. **Section 401 Water Quality Certification** (Required by the Department of Ecology if a Section 404 permit is required.)

NPDES (National Pollutant Discharge Elimination System Permit) - Required by the Department of Ecology under delegated authority from the Federal Environmental Protection Agency for projects that include the discharge of fluid on or into surface water.

SEPA (State Environmental Policy Act) Checklist and Environmental Assessments - When you submit a permit application to any agency, if the project is not exempt, the lead agency will ask you to fill out an environmental checklist. Based on checklist answers and the reviewers knowledge of the project site, agency personnel will determine the types of impacts the project may have on the environment. The agency assessments may be the following forms: Determination of Non-significance, Determination of Significance, scoping documents, draft or final Environmental Impact Statements (EIS) or others prepared for the purpose of compliance.

Describe any habitat mitigation required by any of the permitting agencies identified above and identify where such mitigation is proposed to occur:

All answers and statements are true and correct to the best of my knowledge.

Applicant Name (please print): Cyndi Booze	Title: Property & Acquisition Specialist 5
Applicant or Authorized Signature: 	Date: 8-10-11

SR20 Skagit River Permanent Repair Project

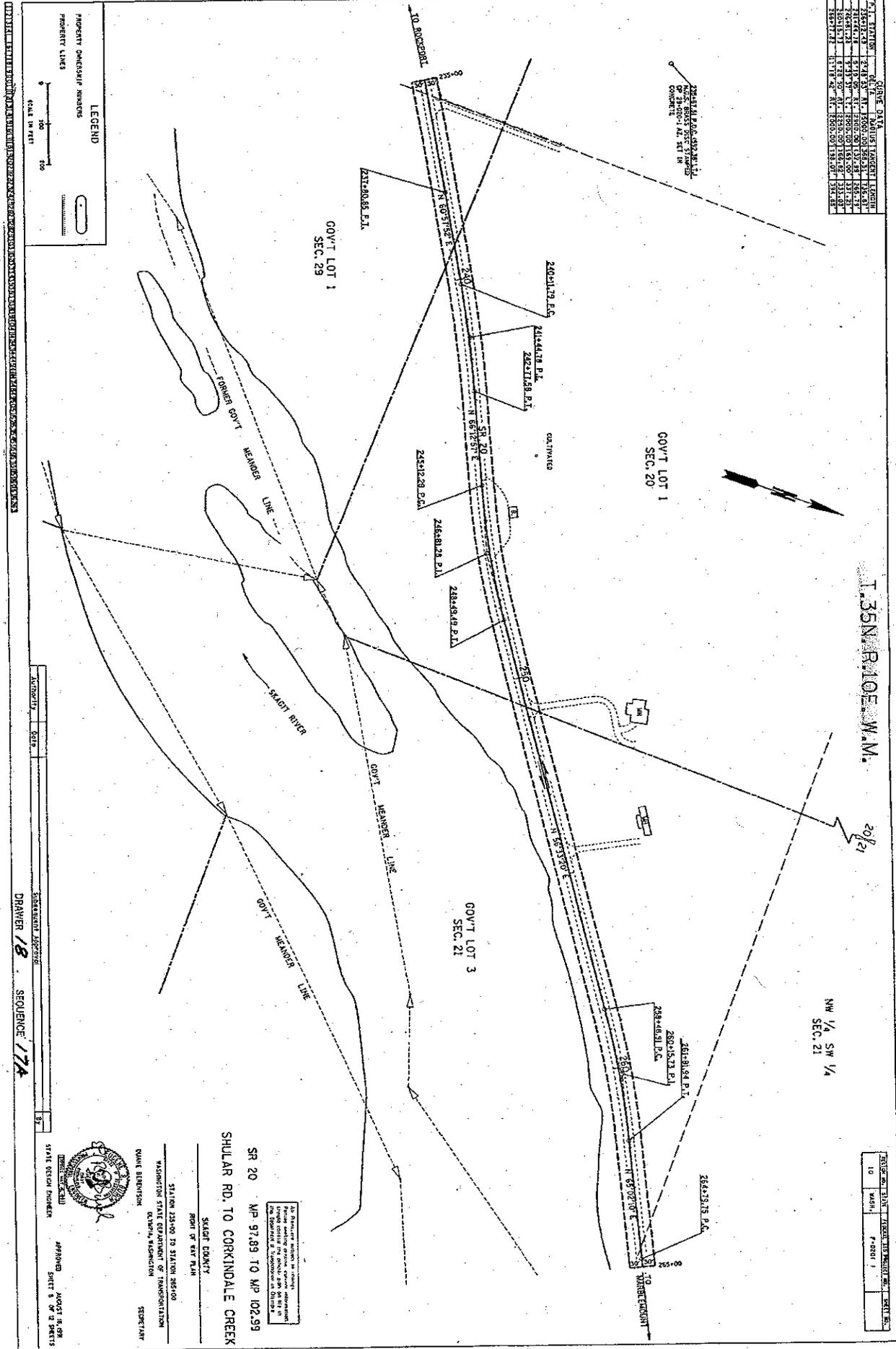
Repeated bank erosion, along the Skagit River on SR 20 between milepost 100.00 and milepost 101.00, has necessitated bank stabilization action over the past several decades; most recently with emergency actions in 2004, 2006 and 2007. The Skagit River is a federally designated Wild & Scenic River and contains several threatened salmonid species. Repeated rock-based repair projects are considered environmentally detrimental and generally translate the problem downstream. WSDOT has been repeatedly urged by local stakeholders, Tribes and regulators, to pursue a more environmentally acceptable solution, including consideration of wood-based in-stream deflection structures. A 2007 reach analysis identified several options for more permanently treating the riverbank to stabilize the road prism, as well as a challenging option for re-aligning the road away from the river. Additional engineering, geotechnical investigation and hydraulic modeling were performed in 2009 to identify and select a preferred alternative to protect the traveling public, reduce the need for repetitive maintenance and minimize environmental impacts. The selected in-stream alternative will consist of Engineered Log Jams (ELJs) and log-based cribwalls.

The goal of this project is to preserve and protect SR 20 from damage caused by the Skagit River. Improvement will be made to eliminate the repetitive damage to SR 20 caused by the Skagit River. A description of the proposed project is as follows: This project will construct three types of bank stabilization structures along 1,300 lineal feet of stream bank in the project area: 1) Four ELJ structures that protrude from the bank to deflect flow velocities away from SR 20; 2) 900 feet of crib wall revetment between the ELJ structures to roughen the stream bank; 3) one apex ELJ to reduce the probability of the main channel river migrating downstream along the highway. All three types of structures will be constructed from dolotimbers (Cylindrical concrete jacks with bark texturing simulate LWD) and large woody debris. The dolotimbers weigh approximately 8 tons and their density will ensure long term stability of the project given the high velocities of the river at the site. A high percentage of the structures will be constructed with LWD to attain the desired stream bank roughness and provide interstitial spaces for juvenile salmonid. Construction will be scheduled to promote an effective, feasible work schedule, while incorporating an in-water work window to minimize impacts to important life history phases of listed salmonid species. Project construction will generally include traffic control, staging, site access, in-water work, and roadside restoration. Construction is currently planned to commence in the spring of 2013.

DATE	BY	REVISION
1992
1993
1994
1995

REVISION	DATE	BY
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DATE	TIME	BY	REVISION
...
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LEGEND

PROPERTY OWNERSHIP BOUNDARIES

PROPERTY LINES

SCALE IN FEET

0 100 200 300

STATEMENT APPROVE
DRAWER 18 SEQUENCE 174



STATION 23500 TO STATION 26100
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON
SECRETARY

SR 20 MP 97.89 TO MP 102.99
SKAGIT COUNTY

APPROVED
SHEET 5 OF 2 SHEETS

DATE	TIME	BY	REVISION
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