

# WASHINGTON STATE

## Standard Hydraulic Project



AGENCY USE ONLY
Date Received: 2014-05-21
Application ID :1
Online Submission
Amended Application

01. Application Information	<p><b>* Are you applying for a General HPA without specific project locations?</b></p> <p>Yes</p> <p><b>* Site Description:</b></p> <p>Washington State Department of Transportation Right of Way for transportation infrastructures. Structures vary depending on location, but may include luminaries, conduits, junction boxes, signs, guard rail, culverts, bridges, and other structures associated with the roadways.</p> <p><b>* Application Type:</b></p> <p>Standard</p> <p><b>* Are you applying for a long-term HPA for agricultural irrigation or stock watering purpose under RCW 77.55.021 (9)(c)?</b></p> <p>No</p>
02. Project Identification	<p><b>* Project Name (A name for your project that you create. Examples: Smiths Dock or Seabrook Lane Development)</b></p> <p>Fishway Structures in Freshwater Statewide</p> <p><b>* NonSimplified Project Type(s) (check all that apply):</b></p> <p>Road Maintenance Work</p> <p><b>* Simplified Project Type(s) (check all that apply):</b></p> <p>Road Maintenance Work</p>
03. Applicant	<p><b>* Business Name (if applicable)</b></p> <p>WSDOT - Maintenance</p> <p><b>* First Name</b></p> <p>Gregor</p> <p><b>* Last Name</b></p> <p>Myhr</p> <p><b>* Address 1</b></p> <p>310 Maple Park Ave SE</p> <p><b>* City</b></p> <p>Olympia</p> <p><b>* State/Province</b></p> <p>WA</p> <p><b>* Zip Code (12345 or 12345-1234)</b></p> <p>98501-2348</p>

03. Applicant	<b>* Country</b> <input type="text" value="United States"/>
04. Applicant Account Type	<b>* Please select one applicant account type</b> <input type="text" value="Government – State"/>
05. Authorized Agent or Contact	<b>* Business Name (if applicable)</b> <input type="text" value="WSDOT - ESO Permitting"/> <b>* First Name</b> <input type="text" value="Virginia"/> <b>* Last Name</b> <input type="text" value="Stone"/> <b>* Address 1</b> <input type="text" value="310 Maple Park Ave SE"/> <b>* City</b> <input type="text" value="Olympia"/> <b>* State/Province</b> <input type="text" value="WA"/> <b>* Zip Code (12345 or 12345-1234)</b> <input type="text" value="98501-2348"/> <b>* Country</b> <input type="text" value="United States"/>
06. Property Owner(s)	<b>* Check here if Property Owner is the same as Applicant</b> <input type="text" value="Yes"/> <b>* Business Name (if applicable)</b> <input type="text" value="WSDOT - Maintenance"/> <b>* First Name</b> <input type="text" value="Gregor"/> <b>* Last Name</b> <input type="text" value="Myhr"/> <b>* Address 1</b> <input type="text" value="310 Maple Park Ave SE"/> <b>* City</b> <input type="text" value="Olympia"/> <b>* State/Province</b> <input type="text" value="WA"/> <b>* Zip Code (12345 or 12345-1234)</b> <input type="text" value="98501-2348"/> <b>* Country</b> <input type="text" value="United States"/>

07. Project Location	<p><b>* Location</b></p> <p>Site Name:  Work Start Date: Work End Date:</p> <p>Address: , Statewide, WA, United States  Latitude: Longitude:</p> <p>WRIA: Stream Number: Stream Name:  Parcel No: 100 Year Flood:  Drive Direction:  -----</p>
08. Project Description	<p><b>* Will you be operating equipment in water?</b></p> <p>Yes</p> <p><b>* Type of equipment used</b></p> <p>Debris will be removed using hand tools, wenches, chain saws, backhoe, excavator, crane, or other equipment as required.</p> <p><b>* Summarize the overall project.</b></p> <p>Maintenance and repair of fishway structures including repair of weir/pool, pool/chutes, baffle or streambed control, blasted chutes, concrete weir, sill, wall, log or rock controls, and stop logs within WSDOT's Right of Way. It also includes the removal of bedload material when necessary to make the fishway function properly.</p> <p><b>* Describe how you plan to construct each project element. Include specific construction methods and equipment to be used. Identify where each element will occur in relation to the nearest waterbody. Indicate which activities are within the 100-year flood plain..</b></p> <p>The maintenance activities will be performed to re-establish the flows through fishways to pre-existing conditions to allow for fish passage through the structures.</p> <p>In addition minor repair of erosion may be necessary adjacent to the structure to insure the structural integrity of the fishway and embankments supporting the roadway structure.</p> <p><b>* Requested Project Start Date:</b></p> <p>06/02/2014</p> <p><b>* Requested Project End Date:</b></p> <p>06/02/2019</p>
09. Waterbodies (other than wetlands): Impacts and Mitigation	<p><b>* Describe how the project is designed to avoid and minimize adverse impacts to the aquatic environment.</b></p>

09. Waterbodies (other than wetlands): Impacts and Mitigation

The activities are maintenance of existing culverts located within WSDOT's Right of Way that are associated with WDFW jurisdictional waters. The work is being performed to restore flows to pre-existing conditions and stop adverse impacts associated with siltation from washouts (erosion of the bank), major reconstruction of the infrastructure caused by erosion, and stranding of fish associated with the waterbody overtopping its banks.

Impacts to the aquatic system will be minimized by following the Regional Road Maintenance Program part 2 – BMPs. This includes, but not limited to, removing fish from the work area when in-water work is performed, installation of block nets to keep fish from re-entering the work area, the placement of fish screens on the intake hose of water diversion pumps, following the in-water work windows found as specified by WDFW and the installation of diversion structures, when appropriate, for working in the dry. WSDOT is requesting that WSDOT's Standard Fish Moving Protocol – August 2012 be used when fish exclusion activities are required.

In addition, BMPs will be used to insure water quality standards are not exceeded by the maintenance activity and that water pumped out of the work, when done, will be not contain sediments when allowed to re-enter waters of the state.

Care will be taken to minimize any damage to native riparian woody species. Plants destroyed by the activity will be replaced at a 1:1 ratio. All areas of bare soils caused by the maintenance activity will be seeded, mulched, or addressed with other appropriate BMPs to control erosion and siltation of the stream.

Bedload and sediments removed from the culvert/stream channel will be disposed of in an upland location where the material will not be washed back into the water body or water from the material will not flow directly into the stream without being processed through a BMP to remove silts.

Large woody material that is creating a blockage system will be removed and floated/repositioned below the OHWL to a location where it will not be impacting the roadway structure. This will insure a net loss of habitat structures in the stream.

**\* Will your project impact a waterbody or the area around a waterbody?**

Yes

**\* Have you prepared a mitigation plan to compensate for the project's adverse impacts to non-wetland waterbodies?**

NA

**\* Have you prepared a mitigation plan to compensate for the project's adverse impacts to non-wetland waterbodies?**

See responses for other questions within this section.

**\* Summarize what the mitigation plan is meant to accomplish. Describe how a watershed approach was used to design the plan.**

N/A

**\* Describe the source and nature of any fill material, amount (in cubic yards) you will use, and how and where it will be placed into the waterbody.**

N/A – the activities involve the removal of debris. No fill will occur below the OHWL. Any slope stabilization activities will be conducted within the original project footprint.

**\* For all excavating or dredging activities, describe the method for excavating or dredging type and amount of material you will remove, and where the material will be disposed.**

09. Waterbodies (other than wetlands): Impacts and Mitigation	<p>Debris will be removed using hand tools, wenches, chain saws, backhoe, excavator, crane, or other equipment as required.</p> <p>Type of material removed may include bedload material (rocks, gravels, sands, and silts), small woody material, manmade debris such as shopping carts, and Large Woody Material (LWM will be repositioned).</p>
10. SEPA Compliance	<p><b>* Compliance with the State Environmental Policy Act (SEPA).</b>  <b>For more information about SEPA, go to "<a href="http://www.ecy.wa.gov/programs/sea/sepa/e-review.html">http://www.ecy.wa.gov/programs/sea/sepa/e-review.html</a>"</b></p> <p>SEPA review is complete. I will upload, mail, or deliver a copy of the SEPA determination letter as part of this application..</p>
11. Application Fee Exemption	<p><b>* Do not qualify for an application fee exemption.</b></p> <p>Yes</p>