

USACE Portland District (NWP) FFDRWG Update Form
June 1, 2017

PROJECT INFORMATION

Project Title	Lamprey Passage Structure (LPS) Development and Improvements
SCT Reference Number	
Project Manager (PM)	Mike Turaski (NWP, 503-808-4704)
Technical Lead (TL)	James Schroeder (NWP 503-808-4930)
Biologist/Coordination	Ricardo Walker (NWP, 503-808-4709)

PROJECT DESCRIPTION

This project consists of the design, construction, and modification of LPSs at BON and JDA.

Specific tasks (pending funding availability and prioritization) include the following:

1. Design, build, and or modify LPSs that address known problem areas:
 - a. BON Washington Shore Fish Ladder – Install 2 new ramps in the channel between the UMT junction and count station, as a means of reducing the use of the serpentine weir section. Completed IWW 16/17.
 - b. **BON Bradford Island Fish Ladder – Upgrade to LPS exit chute (out for solicitation June 2017; construction IWW 17/18)**
 - c. **BON Cascades Island Fish Ladder – Only minor modifications to the LPS as outlined under bullet 2.**
 - d. JDA North Fish Ladder – Extend entrance LPS to the 2nd 180 degree turning pool (Design late FY17; Construction IWW 18/19).
2. Complete minor modifications to existing LPSs to improve O&M functionality:
 - a. Inspect structures and modify as necessary to minimize risk of structural failures.
 - b. Modify or replace pumps and pump intakes, as necessary, to meet juvenile salmon fry criteria, accommodate maintenance needs, and provide sufficient water supply for systems.
 - c. Improve counting systems for existing LPSs.
 - d. Improve electrical and plumbing systems (as needed) for existing LPSs.
 - e. Install full duplex systems at the LPS exits.

PROGRESS AND KEY ISSUES (List)

BON WA Shore

- University of Idaho is currently evaluating new entrance ramps.
- USACE Fish Field Unit currently evaluating lamprey orifices and refuge boxes.

BON Bradford Island and Cascades Island

- Package is being prepared for solicitation.

CURRENT SCHEDULE

- Out for solicitation June 2017.
- Schedule for installation is 17/18 winter maintenance period.

FFDRWG REVIEW NEEDED AT MEETING? (If YES, list discussion topics below)

- **No**