

HARVIE PASSAGE

2013 FLOOD DAMAGE REPAIR PROJECT UPDATE

January 2017

Welcome to the January 2017 update for the Harvie Passage 2013 Flood Damage Repair project. As the project advances through construction and commissioning, we will keep you informed via this newsletter.

Project Status

High Water Channel Drops #3L, #3R, and #4 Completed—Winter Shut Down

We would like to thank all stakeholders who participated in the development of the final design and construction of the Harvie Passage 2013 Flood Damage Repair Project.



Temporary Bow River Diversion Channel (September 14, 2016)

The construction contractor, Bluebird Contracting Services Ltd. of Calgary, Alberta, mobilized to site in August 2016 and started instream work on August 30, 2016. The temporary Bow River diversion channel was completed on September 14, 2016 and instream work was completed on September 15, 2016. The rehabilitation of High Water Channel (HWC) Drops #3L, #3R, and #4 started on September 15, 2016 and were completed on November 25, 2016. Construction is on schedule. Planned activities through the winter include hauling boulders and riprap to site. Construction is scheduled to start up again in March 2017.



HWC Drop #3L Construction - September 30, 2016



HWC Drop #4 Construction - November 10, 2016

Next Stage – Construction of the Low Water Channel

The next stage of construction is the construction of the new Low Water Channel (LWC) which is planned from April to November 2017. Instream hydraulic performance testing of the new LWC is scheduled in August 2017. Construction of the entire Project is scheduled to be completed by June 2018.

Project Team

Facility Owner and Operator:

Alberta Environment and Parks

Project Manager:

Alberta Transportation

Engineering Consultants:

Klohn Crippen Berger Ltd

Project management, civil design and construction

Northwest Hydraulics Consultant Ltd

Physical and numeric hydraulics and river morphology

Recreation Engineering and Planning

Recreational hydraulics

SG1 Water Consulting Ltd

Hydraulics and recreational hydraulics

Mr. Charles Walbridge

Aquatic safety specialist

O2 Planning + Design

Landscape Design

Construction Contractor:

Bluebird Contracting Services Ltd.

Project Goals

The goal for the rehabilitation of Harvie Passage is to reinstate the pre-flood functional intent of the Project.

The key aspects of this goal are:

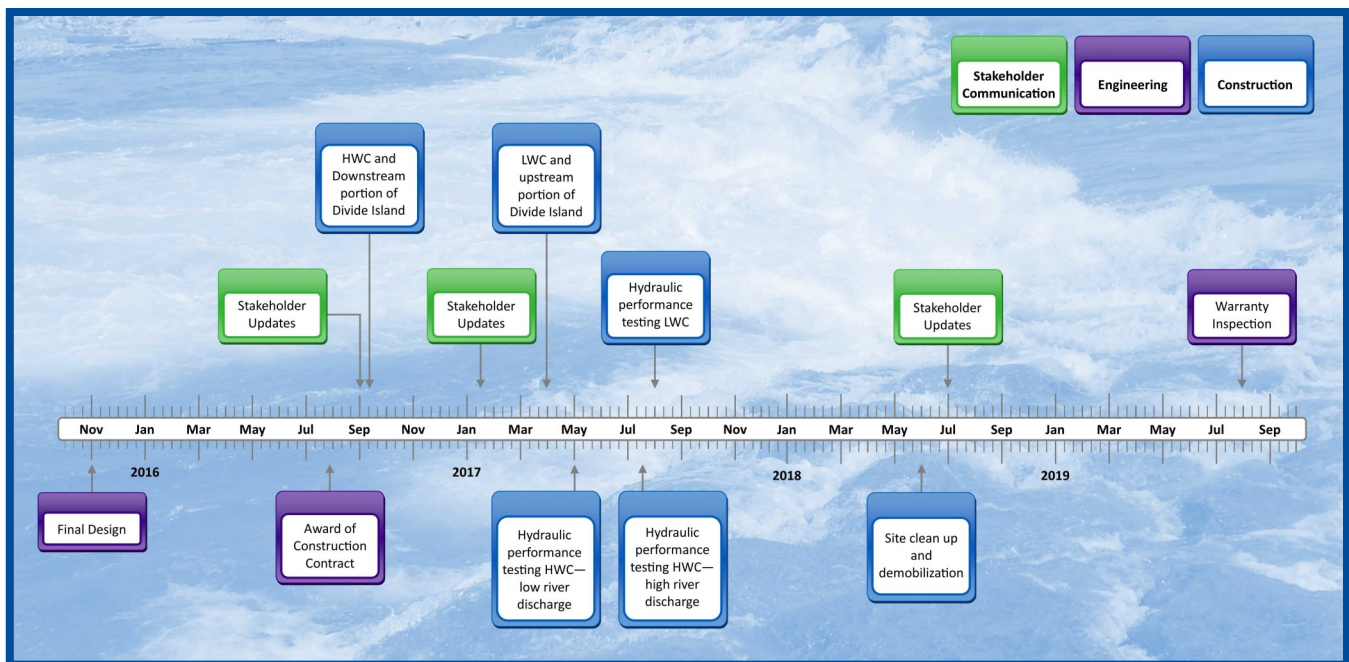
Safety – Allow for safer passage for all types of water craft and fish.

Structure integrity – Design to withstand a 1 in 100 year flood with reasonable levels of maintenance.

Recreation – Provide a variety of features for recreational and educational use.

Project Schedule

Dates are subject to change.



For More Information

An open dialogue with all stakeholders is always important to us. If you have any queries or comments about the Harvie Passage 2013 Flood Damage Repair Project we encourage you to contact Chuck Slack, at 403-730-6848 or cslack@klohn.com.