

# BERTHOUD NEIGHBORHOOD (GREEN BRIDGE) LITTLE THOMPSON RIVER FLOODPLAIN REHABILITATION

## Weekly Construction Notes

**Date:** 10 January 2017

**By:** Theodore Bender

**Location:** Green Bridge Site on the Little Thompson River

**Project Sponsor:** Little Thompson Watershed Coalition

## Work in Progress/Completed

1. Stripping and stockpiling topsoil.
2. Survey: Channel and floodplain staking.
3. Diversion channel is complete.
4. On site material sorting to create needed design gradations.
5. Coarse channel grading downstream of bridge.

## Upcoming Work

1. Channel grading up to Sta 4+00 to include riffles and pools.
2. Final floodplain grading downstream of bridge.
3. Rootwads installation at Sta 0+47

## Other Notes

1. Seepage flow is being pumped from the main channel into the diversion channel to allow construction in the dry.
2. Culverts to cross diversion channel are moved when needed.
3. Ongoing discussion about shape and length of Elgin Ditch.



*Figure 1 – Looking downstream at Sta 2+00 at coarse channel grading before low flow channel and pool are shaped. Rootwads will be installed on right bank. CR4 Bridge in the background.*



*Figure 2 – Looking North across the floodplain as channel bed material is sorted via a power screen and stockpiled for later use to shape the in-channel riffles and pools.*