

BERTHOUD NEIGHBORHOOD (GREEN BRIDGE) LITTLE THOMPSON RIVER FLOODPLAIN REHABILITATION

Weekly Construction Notes

Date: 17 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. Survey: Channel and floodplain staking.
2. On site material sorting to create needed design gradations.
 - a. The design gradation has been met.
3. Coarse channel grading downstream of bridge from Sta 1+75 to Sta 13+00.
4. Rootwad installation from Sta 0+50 up to Sta 1+60.

Upcoming Work

1. Channel grading up to Sta 4+00 to include riffles and pools.
2. Final floodplain grading downstream of bridge.
3. Stacked Boulder bank installation at Sta 10+00.
4. Rootwad retrieval and stockpiling.

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.
4. Channel bed material quantity has been increased. Appropriate material was not found downstream when excavating within the channel.



Figure 1 – Looking downstream near Sta 1+00 at rootwad installation on right bank. Final channel grading via placement of design channel bed material has not yet been completed.



Figure 2 – Looking downstream at coarse channel grading near Sta 11+00. Final channel grading via placement of design channel bed material has not yet been completed.