2014-15 Canal Maintenance Projects

These are projects carried out between Oct 31, 2014 and April 1, 2015.

- **7200 North Structure Rebuild:** Reconstruction of a primary diversion structure on 7200 North that was failing and causing erosion underneath itself and nearby roadway.
- Project costs: Approximately $30,000.00

- **Cleanup of channel from 7200 North to 7800 North west of railroad tracks:** Removal of vegetation (trees) that were growing in the channel, reinforcing eroded banks, and re-grading the channel for more efficient flow of water.
- Project costs: Approximately $10,000.00

7200 North Structure Repair – Before

Structurally unsound, erosion around and under the structure.

7200 North Structure Repair - During

Work to repair in progress. Backfill under structure, new concrete walls for additional support. Culvert pipe cleared to allow water through it instead of under sturcture.

7200 North Structure Repair - After

Completed project with channel cleared and riprap in place to protect channel.

7200 N Channel Clearing Project - Before

Trees growing in the bottom of the channel causing debris and silt dams.

7200 N Channel Clearing Project - Before

Debris in the channel and exposed pipeline.

7200 N Channel Clearing Project - Before

Debris, concrete and old headgate under the tree roots.

7200 N Channel Clearing Project - After

Debris removed from channel and channel floor graded smooth.

7200 N Channel Clearing Project - After

Channel cleared and graded. Low overhanging limbs removed.

7200 N Channel Clearing Project - After

Channel cleared and graded. Low limbs removed.

7200 N Channel Clearing Project - After

Channel cleared. Overhanging trees will need to be removed before next season. If you would like to help with this project next year please contact a Board Member. Anyone wanting firewood should contact Darrin Evans.

Other Projects completed before April 1st

- Replacement of 3 leaking or problem headgates. New headgates have or will receive a meter to assist the Water Managers.
- Re-grading the upper canal from 1500 North to 1700 N to eliminate flooding of backyards for residences on the east side of the canal.
- Cleaning upper canal form 2100N to 2500 N. Removed 2 large fallen trees.
- Cleaning middle canal from the north end of Smithfield to 7200 N.
- Replacement of the energy dissipater at the Black Pipe. The force of the water has worn through a thick steel plate, which was replaced.

Future projects

- On-going replacement of leaking or problem headgates with new headgates and meter installation.
- Tree removal from 7200 N to 7800 N.
- Replacement of Black Pipe and energy dissipater.
- Routine cleaning of canal sections including selective tree removal.
- Lining or piping leaking upper canal sections in North Logan and Hyde Park.
- Power generation stations at 1500 N and the Black Pipe, if feasible.
- Working with the County and Cities on storm water issues and projects.