
REPORT TO CORPORATE SERVICES COMMITTEE

MEETING DATE: December 8th, 2025
FROM: Alex Hackenbrook, Public Works Manager
SUBJECT: 2025 Public Works Accomplishments

INFORMATION UPDATE:

The Public Works Department has worked very hard during the 2025 season to complete numerous jobs throughout The Township. During the 2025 season, such jobs as ditching, brushing, tar & chip, maintenance gravel & culvert repairs were completed. This update is to show Council, staff & residents all the hard work that has been completed over the 2025 season.

2025 Accomplishments:

Brushing

Staff completed approximately **12.25 km** of brushing this year

- Development Rd (Trout Pond to Mt. Pleasant) – 10.2 km
- Development Rd (South Shore to Lakeshore) – 0.8 km
- Rainville Rd – 0.5 km
- Webbs – 0.7 km

Ditching

Staff have completed approximately **14.65km** of ditching throughout the Township in 2025

- Development Rd (Mt. Pleasant to Rutherglen Line/South Shore to Lakeshore) – 3.7km
- Lakeshore Rd – 0.1 km
- James St – 0.25 km
- Boxwell Rd – 3.2 km
- Grand Desert – 1 km
- Fichault Rd – 0.8 km
- Church St – 0.15 km
- Riverside – 0.1 km
- Rainville – 0.5 km
- Webbs – 1 km
- Pine Lake (contracted) – 1.65 km
- Talon Lake (contracted) – 1.85 km
- Sunnyside – 0.1 km
- Hillside – 0.2 km
- Greenwood (Lakeview to Sunnyside) – 0.1 km

Maintenance Gravel

Staff have completed the application of maintenance gravel both during & outside the storm repair to the following roads (listed below) for an approximate total of **28.8 km** of roadway application. Materials that were used for application were: A Gravel, Type 2 & Pit Run.

- Pine Lake Rd
- Grand Desert Rd
- South Shore Rd
- Webbs Rd
- Rainville Rd
- Fichault
- McNutt
- Boxwell
- Farmers Line
- Laplante
- Talon Lake
- Line 3
- Von Doeler Rd
- Shields Point
- Georges Rd
- Bluesea Rd
- Trout Pond Rd
- Development Rd
- Boundary
- Guay

Surface Treatment Application

In 2025 the Township awarded to contract for surface treatment to Miller with a total of **2.2 km**. The surface treatment was applied to Development Rd (Mt Pleasant to Rutherglen Line) for 1.2 km & Pine Lake (bottom of hill to HWY17 to Shields Point) for 1 km.

Berm Removal

As berm removal is a key part to maintaining our roadways & allowing for the surface water to travel towards the ditch & off the road, we will be continuing this practice into upcoming years. Throughout the Township during the 2025 season staff have completed approximately **10.5 km** of berm removal. Most these locations listed are where staff performed ditching work or surface treatment (gravel & tar & chip).

- Greenwood Drive
- Maple Rd
- Rainville Rd
- Webbs Rd
- Hillside
- McNutt (hills)
- Fichault
- Development
- Church St
- James St

Culvert Replacements

Throughout the 2025 season staff have been busy with the replacements of both driveway culverts & the addition/replacement of crossroad culverts for improved drainage throughout the Township. Staff have installed over **50 culverts** in **38 locations** around the Municipality with the help of contractors during the storm. These locations include:

- Development Rd - Lakeshore Rd
- Talon Lake Rd - Line 3
- Grand Desert Rd - Pine Lake Rd
- McNutt Rd - Church St
- Fichault Rd - Hillside
- James St - Riverside Rd
- Centennial Park

Road Sweeping

Since the purchase this year of the front mounted sweeping head for the backhoe, staff have been able to complete road sweeping in house with approximately **11.88 km** of sweeping that occurred in 2025.

Parks, Maintenance & Training

Public Works staff have completed numerous jobs throughout the Township during the 2025 season which included such things as tree trimming in parks, lawn care in parks & cemeteries, cold patching, road grading, dock installs, sightline clearing, sign installs & other regular activities such as dock installs, skatepark maintenance & splashpad/playground maintenance. Staff have also attended multiple training sessions such as Book 7, Common Core, Harassment Training & Blast Training for the removal of roadside/in-road rocks for future improvements. The Public Works Department has also purchased a float for transporting our equipment in-house & assisted on multiple projects such as the bridge replacement, dock install at Talon Lake, calcium application & lastly providing exceptional cleanup services during the June storm event.

Equipment Operation Breakdown:

Excavator (John Deere 135P):

With a total of 331 hours put on the excavator this year & 834 hours put on since the date of purchase, it is apparent that the utilization of this newly purchased equipment has played a crucial part in completing a large percentage of the tasks completed this year.

Backhoe (John Deere 320P):

With a total of 819 hours put on the backhoe this year & 1,227 hours put on since the date of purchase, the backhoe has been utilized for multiple tasks throughout the Municipality daily. Such tasks include loading trucks with material, sweeping, roadside installs (signs & mailboxes) & other miscellaneous tasks.

OPSS PROV 127 Equipment Rental Rates:

While following the OPSS 127 chart for equipment rental costs, we can use the MTO rates provided to determine the operation costs the Municipality would have to pay. OPSS 127 refers to the Ontario Provincial Standard Specification 127, which is a schedule of rental rates for construction equipment. This specification covers equipment rental rate compensation for work on a time and material basis, detailing the costs associated with owning and operating equipment, including direct and indirect costs such as fuel, oil & maintenance. The rates are calculated based on the equipment's model and specifications & they are typically hourly unless otherwise stated

Excavator:

2025 – 331 hrs x \$163.50 = \$54,118.5

Since Purchase – 834 hrs x \$163.50 = \$136,359

Backhoe:

2025 – 819 hrs x \$92.40 = \$75,675.60

Since Purchase – 1,227 hrs x \$92.40 = \$113,374.80

CONCLUSION:

Based upon the information provided in this report regarding the completed tasks of 2025, the Public Works Department is looking to continue completing these tasks on a yearly basis to continue to provide the much needed infrastructure updates throughout the Township. With the continuation of our in-house programs such as brushing, ditching, gravel application, surface treatment & sweeping occurring yearly, staff are also looking to Council for guidance on which projects & plans are a priority moving into the 2026 construction season.

Respectfully,

Alex Hackenbrook
Public Works Manager
Township of Bonfield

I concur with this report,

Nicky Kunkel
CAO, Clerk Treasurer
Township of Bonfield