



Staff Report

Report Title: Transportation June 2023

Prepared By: John Yungblut, C.E.T., Director of Public Works

Department: Public Works

Date: Jun. 5, 2023

Report Number: PW-2023-06-32

File Number: C11 PW23

Attachments: 2023 Culvert Map

Recommendation:

THAT the Township of Huron-Kinloss Committee of the Whole hereby receives for information, Report Number PW-2023-06-32, prepared by John Yungblut, Director of Public Works.

Background:

North Point Clark Drainage Master Plan

Township staff, along with our engineers, BM Ross and Associates, have initiated a Municipal Class Environmental Assessment for the northern portion of Point Clark between Clark Creek and the Pine River.

Staff have distributing notices to all property owners in the study area, advertised the project in local newspapers and launched the project on haveyoursayhk.ca. The initial study period will conclude on June 9, 2023.

Gravel Pit Applications

The Township have applied for a Class B (above water) gravel pit permit for the property that was purchased on Kairshea Ave in 2019 and for a Class A (below water) permit for the existing gravel pit property located on Paradise Lake St.

The public consultation period for the Class B permit ended on April 10, 2023 and staff have received one letter of objection from the neighbouring landowner. We are also currently in consultation with the Saugeen Ojibway Nation (SON).

The below water application on the Paradise Lake St. property is still in the design phase and staff are expecting to be ready to submit our application to the Ministry within in the next month.

H38 (Bell Bridge) Rehabilitation

The tender for the rehabilitation of Structure H38, also known as Bell Bridge, was awarded to AJN Builders on March 20, 2023. Construction began on May 1st. The asphalt surface on the deck has been removed and the repairs to the piers are currently underway.

Tanglewood/Ridgewood Reconstruction (Point Clark)

The reconstruction of Tanglewood Dr., Ridgewood Rd and Jardine Pl and the construction of the Menomoni-Sunset Pl walking path was awarded to Omega Contractors Inc. on April 17, 2023. The completion date for this year's work is Oct. 20, 2023 and topcoat paving is Sept. 20, 2024.

Asphalt Paving

The paving of hot mix asphalt on Con. 10 (Sideroad 20 to Bruce Road 7), Lake Range Dr. (Ashfield-Huron Townline to 200m north) and Finlay St. was awarded to Lavis Contracting Co. Ltd. on May 15, 2023.

Culvert Replacements

Public Works have identified six culvert locations that are proposed for replacement this year. The attached map shows the culvert locations that are numbered based on priority. Culvert sizes range from 450mm to 900mm diameter.

Equipment Expenditures

Township staff have purchased the following equipment for use primarily by the Public Works Department:

1. Kubota Roadside Disc Mower (Roberts Farm Equipment) - \$16,200 plus HST
2. Trackless Boom Mower (Work Equipment) - \$47,600 plus HST

We have also contracted the sandblasting and painting of the following equipment:

1. 2011 John Deere 770G Grader (Cottrill Heavy Equipment) - \$34,825 plus HST
2. 2014 International Tandem Dump Truck Chassis (Cottrill Heavy Equipment) - \$9,385.00 plus HST
3. 2009 International Single Axle Dump Truck Chassis (Cottrill Heavy Equipment) - \$9,385.00 plus HST

Discussion:

North Point Clark Drainage Master Plan

In addition to the public consultation period, Township staff are also installing Piezometers to monitor the groundwater table and working with SVCA to set up a weather station at the Point Clark Community Centre to capture data from future weather events. SVCA and the Township will be entering into a

Gravel Pit Applications

Township staff are currently working with our engineers, R.J. Burnside and Associates, to develop a path forward to address the concerns from the landowner and strategies for consulting with SON in the most efficient way possible.

H38 (Bell Bridge) Rehabilitation

Construction is progressing well and on schedule with no significant issues arising so far.

Tanglewood/Ridgewood Reconstruction (Point Clark)

The contractor has indicated that they plan to begin construction in late June or early July. During the test pit excavations, Township staff discovered that the new 50mm dia. gas mains were installed approximately 4m outside of their approved corridor, which will conflict with this project. EPCOR has agreed to relocate the gas mains to the approved corridor at their expense. They have indicated that this work will begin in early June to avoid any conflicts with the road reconstruction project.

Asphalt Paving

The pulverizing of Con. 10 is scheduled for July 3rd and paving is scheduled for late August.

Topcoat paving of Finlay St. and Lake Range Dr. are scheduled to be completed later this summer.

Culvert Replacements

Township staff have completed the replacement of a 900mm culvert on Con. 10, east of Sideroad 20 and ditch cleaning on the north side of Con. 10.

Culvert locations 2, 3 and 4 are causing holes to form in the road, so Public Works is planning to replace these culverts this year. Township staff are reviewing culverts 5 and 6 to determine if they can be done within the 2023 Operating Budget.

Equipment Expenditures

The new roadside disc mower is a replacement for the 2019 New Holland mower that is being used primarily in the former Huron Township. Once the new mower arrives, one of our existing spare mowers can be deemed surplus.

The boom mower is a new unit that was demoed by Public Works last fall. It will be used on our 2017 Trackless MT7 to trim trees and grass in areas that we cannot reach with our tractor mounted roadside mower. The price also includes an attachment for mowing behind guide rails and dual tires for improved stability. A second quote from Joe Johnson Equipment was received for comparison purposes, which was \$48,250.00 plus HST.

The grader painting will protect the body of our grader and allow us to hopefully have it for another ten years.

Financial Impacts

The North Point Clark Drainage Master Plan, gravel pit applications, Bell Bridge Rehabilitation, Tanglewood/Ridgewood Reconstruction, asphalt paving are included in the 2023 Capital Budget. The 2023 Capital Budget allocated \$15,000 for a roadside mower, \$50,000 for a boom mower, \$35,000 for grader painting and \$20,000 for truck chassis painting. Small diameter culvert replacements are included in the Operating Budget.

Strategic Alignment / Link:

We are an accessible community by being open and transparent.

We are a prosperous community that continues to grow in a sustainable manner by investing in infrastructure.

Respectfully Submitted By:

John Yungblut, Director of Public Works

Approved By:

Mary Rose Walden, Chief Administrative Officer