



The Corporation of the Township of Huron-Kinloss

Staff Report

Report Title: Transportation Oct. 2024

Date: Oct. 7, 2024

Report Number: PW-2024-10-40

Department: Public Works

File Number: C11 PW 24

Prepared By: John Yungblut, Director of Public Works

Attachments:

Recommendation:

THAT the Township of Huron-Kinloss Committee of the Whole hereby receives for information Report PW-2024-10-40 prepared by John Yungblut, Director of Public Works.

Background:

Asphalt Paving

The 2024 hot mix asphalt paving program was awarded to Lavis Contracting on May 20, 2024. The scope of work included pulverizing and paving of Con. 2 from Bruce Rd 7 to Sideroad 5, Lake Range Dr. hill in Point Clark (west of Con. 4) and padding of Grey Ox Ave from Bruce Rd 1 to the Huron-Kinloss Townline. There was also carry over work from 2023 that included the milling and paving of the surface asphalt on Lake Range Dr. from Ashfield-Huron Townline north 200m.

The surface paving on Lake Range Dr. was completed on May 17th, asphalt padding on Grey Ox Ave was completed on June 17th and Con. 2 paving was completed on Sept. 5th.

The section of Lake Range Dr. west of Con. 4 is scheduled to be paved by the end of October. The installation of catch basins and storm sewers at the intersection of Lake Range Dr. and Alice St. was completed on Aug. 27th.

Wheeler and Outram St. Reconstruction

The tender for the reconstruction of Wheeler St. from Inglis St. to Havelock St. and Outram St. from Wheeler St. to Hamilton St. and the rehabilitation of structure L1 on Ludgard St. and L3 on Wheeler St. was awarded to Lavis Contracting on May 15, 2024 and construction began on July 16, 2024.

The new watermain and services on Wheeler St. between Inglis St. and Havelock St. have been tested and connected to the water system.

New storm sewer installations on Wheeler St. and Outram St. were completed during the week of Sept. 23rd.

The rehabilitation of the Wheeler St. Bridge (L3) was completed during the week of Sept. 16th and the rehabilitation of the Ludgard St. Bridge was completed during the week of Sept. 23rd.

The construction of concrete curbs is expected to begin during the week of Oct. 7th with the expectation that the road work will be complete by the end October.

2024 Miscellaneous Paving RFQ

Township staff issued Request For Quotation (RFQ) PW2024-09-01 for the paving of small areas of hot mix asphalt in various locations in Point Clark, Blairs Grove, Ripley and Lucknow.

One bid was received:

Bidder	Amount (not incl. HST)
Lavis Contracting Co. Ltd.	\$63,588.50

Culvert Replacements

The replacement of a section of culvert on River Road, west of Alice St. is scheduled to be completed by the end of October.

Bruce Beach Road Drainage Improvements

Township staff began the process of repairing or replacing existing French drains along the east side of Bruce Beach Road between Highland Drive and Con. 8 that are no longer functional.

Drains and catch basins were installed between 114 and 120 Bruce Beach Road in 2022. Since that time, staff have observed other areas that need to be addressed and some improvements are required for the work done in 2022 for the system to function as intended.

Discussion/Analysis/Overview:

Asphalt Paving

Township staff are pleased with the results of the paving work completed so far. We are still expecting to fit in the paving of Lake Range Dr., west of Con. 4, however, there is the possibility that the paving work could be deferred to next year.

We are delaying the removal of the existing asphalt until we are certain that the paving will be complete this year.

Wheeler and Outram St. Reconstruction

Work is progressing well with no significant issues that will affect the budget or schedule have been encountered so far.

2024 Miscellaneous Paving RFQ

The bid that was received was significantly higher than the \$35,000 budgeted for this project, so the RFQ was not awarded. Based on feedback from potential bidders, the

contractors that typically bid on these projects did not think they could complete the work before the asphalt plants shut down in November.

Township staff are in the process of removing the areas that could be delayed until 2025 and working with contractors that can complete the work that needs to be completed this year. We are confident that the work can be completed at a cost that is close to the budgeted amount, however, some will have to be deferred into 2025.

Bruce Beach Road Drainage Improvements

Township staff are expecting that these improvements will resolve the road drainage issues in this section of Bruce Beach Road. We will be monitoring their performance to determine if further remedial actions are necessary.

Financial Impacts:

Asphalt road paving and the Wheeler and Outram project is covered in the capital budget.

Miscellaneous asphalt paving, culvert replacements and road drainage improvements are funded by the operating budget.

Performance Measurement:

Regular Pavement Condition Index (PCI) evaluations on all our paved roadways will allow staff to determine if the overall condition of our paved roads is improving or deteriorating. This information is critical in establishing the appropriate capital investment required. The last PCI evaluation was completed in 2020, and we are expecting to complete another study in 2025. Ideally, the PCI evaluations are completed on a three year cycle, which is our goal beyond 2025.

Our Bridge Condition Index (BCI) evaluations are completed on a six year cycle, which is used to determine the overall condition of our structures.

Strategic Area:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Embrace a thriving rural lifestyle | <input type="checkbox"/> Enhance Municipal Service Delivery |
| <input type="checkbox"/> Prepare for Inclusive Growth | <input checked="" type="checkbox"/> Ensure Financial Stability |

Strategic Goal: Manage assets and infrastructure

Respectfully Submitted By:

John Yungblut, Director of Public Works

Report Approved By:

Jodi MacArthur, Chief Administrative Officer