



# The Corporation of the Township of Huron-Kinloss

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## Staff Report

**Report Title: Transportation Nov. 2024**

**Date: Nov. 4, 2024**

**Report Number: PW-2024-11-46**

**Department: Public Works**

**File Number: C11 PW 24**

**Prepared By: John Yungblut, Director of Public Works**

**Attachments: River Rd Culvert Photo, Bruce Beach Rd Photo, Wheeler St. Photo, L3 Photo**

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### **Recommendation:**

THAT the Township of Huron-Kinloss Committee of the Whole hereby receives for information Report PW-2024-11-46 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 17<sup>th</sup>, asphalt padding on Grey Ox Ave was completed on June 17<sup>th</sup> and Con. 2 paving was completed on Sept. 5<sup>th</sup>.

The section of Lake Range Dr. west of Con. 4 was scheduled to be paved by the end of October, but it has been delayed until mid November. The installation of catch basins and storm sewers at the intersection of Lake Range Dr. and Alice St. was completed on Aug. 27<sup>th</sup>.

#### 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. 23<sup>rd</sup>.

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

The construction of concrete curbs and forming of concrete sidewalks was completed during the week of Oct. 21<sup>st</sup>. Sidewalks are expected to be poured during the week of Oct. 28<sup>th</sup> with road grading and asphalt paving to follow.

The completion date in the contract was Oct. 18<sup>th</sup>, however, an extension to Nov. 8<sup>th</sup> was granted by Township staff. It is expected that final restoration will be completed by this date.

#### 2024 Miscellaneous Paving RFQ

After the only bid received for this RFQ came in over budget, Township staffed agreed to work with Multiple Enterprises Inc. to pave the areas that need to be completed this year. The other areas we likely be left until 2025.

#### Culvert Replacements

The replacement of a section of culvert on River Road, west of Alice St. was completed on Oct. 16<sup>th</sup>.

#### Bruce Beach Road Drainage Improvements

In 2022, Township staff began the process of repairing and 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. Additional catch basins and French drains were installed on Oct. 21, 2024.

#### **Discussion/Analysis/Overview:**

##### Asphalt Paving

Township staff have tentatively scheduled the removal of the existing asphalt on Lake Range Dr. for the week of Nov. 11<sup>th</sup> with the expectation that paving will be completed the following week.

##### 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.

##### Culvert Replacements

The only other culvert replacement planned for this year is on Sideroad 20, north of Bruce Rd 86. We do not have a schedule for this work at this time.

##### 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:**

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| <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