



# The Corporation of the Township of Huron-Kinloss

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## Staff Report

**Report Title: Transportation Aug. 2024**

**Date: Aug. 7, 2024**

**Report Number: PW-2024-08-34**

**Department: Public Works**

**File Number: C11 PW 24**

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

**Attachments: None**

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### **Recommendation:**

THAT the Township of Huron-Kinloss Committee of the Whole hereby receives for information Report PW-2024-08-34 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 and Lake Range Dr. hill 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> and asphalt padding on Grey Ox Ave was completed on June 17<sup>th</sup>. The pulverization of the existing pavement on Con. 2 was completed from June 24<sup>th</sup>-25<sup>th</sup>. Gravel resurfacing on Con. 2 is planned for the week of Aug. 5<sup>th</sup> and paving is expected by the end of August. The section of Lake Range Dr. west of Con. 4 is scheduled to be paved once the installation of catch basins and storm sewers is completed to address road drainage issues at the Lake Range Dr. and Alice St. intersection.

#### 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.

The contractor began installing the temporary watermain system and removing asphalt and concrete on Wheeler St. on July 16, 2024. They are planning to begin connecting existing water services to the temporary watermain along Wheeler St. between Inglis St. and Outram St. during the week of July 29<sup>th</sup>.

### 2024 Guide Rail Replacement Tender

A tender for the replacement of two sections of guide rails on Con. 2. One section is east of Lake Range Dr. and the other section is west of Bruce Rd 7. The bids received are as follows:

<b>Bidder</b>	<b>Amount (not incl. HST)</b>
Borall Fence & Guide Rail	\$87,134.00
Elliott Fence Inc.	\$58,125.00
Royal Fence Ltd.	\$83,785.00

All bids received were deemed to be compliant.

### Point Clark Drainage Master Plan

The Municipal Class Environmental Assessment (Class EA) process to develop a plan for providing a stormwater system in the northern area of Point Clark was initiated in 2022. Public input was requested on Aug. 31, 2022 and the first public meeting was held on Oct. 29, 2023.

The second and final public meeting has been scheduled for Saturday Aug. 24, 2024 from 9am-11am at the Point Clark Community Centre.

### Radar Speed Signs

Township staff reviewed various sign models and decided to purchase two solar powered signs from Traffic Logix for \$7,183.00 plus tax and shipping. During the week of July 29<sup>th</sup>, the signs were installed on Lake Range Dr. between Con. 2 and Con. 4. This road section was selected because it is the only location where speeding issues have been recorded in this area since the Township began investigating speeding complaints in 2019.

### Pickup Truck Tender

Township staff issued Request for Tender PW2024-06-01 for the procurement of one ¾ ton pickup truck that is intended to replace our 2001 Ford F-150 that is currently being used at the Huron Landfill. The closing date was June 20, 2024, with the following bids received:

<b>Bidder</b>	<b>Amount (not incl. HST)</b>
Blue Mountain Chrysler Ltd.	\$65,958.00
Finch Chevrolet Ltd.	\$66,128.00
Hallman Motors Chevrolet (Chevrolet)	\$75,127.00
Hallman Motors Chevrolet (GMC)	\$77,725.00

John Bear Buick GMC Ltd.	\$70,780.25
Leslie Motors Ltd.	\$70,045.50

All bids were deemed to be compliant with the tender documents.

The tender was awarded to Blue Mountain Chrysler Ltd. for the purchase of a 2024 Ram 2500 Big Horn crew cab.

**Discussion/Analysis/Overview:**

Asphalt Paving

Township staff are pleased with the results of the paving work completed so far.

The storm sewer installation on Lake Range Dr. will require a full road closure for up to two working days, which will be communicated to property owners in the area and staff are also planning to install message boards to notify regular users of this road due to the relatively high traffic volume.

2024 Guide Rail Replacement Tender

The low bidder does have a good reputation in the industry for guide rail work and has completed guide rail work in the Municipality of Kincardine and Huron County this year. Public Works staff are also aware of successful projects that have been completed by this contractor with the Community Services Department.

The only experience current Public Works staff have with this contractor is the Huron Landfill Fence contract which was awarded to this contractor in 2021. This contract was terminated in May 2022 because the contractor failed to start the work. Since this the scope of work for this project is significantly different than the fence project, Township staff have confident that the low bidder has the capacity to complete the work.

Wheeler and Outram St. Reconstruction

Work is progressing on schedule with no significant issues encountered so far.

Point Clark Drainage Master Plan

The second meeting is intended to provide an update on the information that has been collected since the second meeting and some potential solutions that have been identified.

A Council presentation will be scheduled this fall to provide a summary of the findings and some recommended projects.

Radar Speed Signs

The signs will record the speed of vehicles as it displays their actual speeds and alerts drivers when they are over the posted speed limit. There is also speed data that can be retrieved remotely to determine the effectiveness of the signs.

The intent of these signs is to be used over a long period of time and not moved throughout the Township. The rationale for this approach is these signs are only

intended to correct driving behaviour while they are installed, so once they are moved from a location, we expect driving behaviour to return to as it was before the sign was installed.

### Pickup Truck Tender

The new pickup is expected to be delivered in October 2024. Our plan for the new truck to be used by the roads department and the 2014 Ram 1500 that they are currently using will go to the Huron Landfill, at which point the 2001 F-150 will be deemed to be surplus to our operations.

The rationale for replacing a ½ ton pickup with a ¾ ton pickup truck is to recover the available payload capacity that was lost when a 300 litre fuel transfer tank was installed in the bed of the Ram 1500. This was done several years ago to allow operators to fuel off-road equipment that is assigned to a work site for an extended period of time. When a new fuel transfer tank is installed in the Ram 2500, the available payload capacity won't be less than our ½ ton trucks when the tank is full. It also provides another option for Staff to use when they need to tow equipment on a float trailer.

### **Financial Impacts:**

The 2024 Operating Budget allocated \$125,000 for the guide rail project and the 2024 Equipment Budget allocated \$15,000 for the purchase of radar signs. The asphalt paving project and Wheeler and Outram St. reconstruction project are included in the 2024 Capital Budget.

The 2024 Equipment Budget allocated \$70,000 for the purchase of a new pickup truck.

### **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.

Guide rail condition ratings are updated by Township on an annual basis. In 2021, the Township has 2,000m of guide rails that were deemed to be in very poor or poor condition.

### **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