



The Corporation of the Township of Huron-Kinloss

Staff Report

Report Title: Transportation March 2026

Date: Mar. 2, 2026

Report Number: PW-2026-11

Department: Public Works

File Number: C11 PW 26

Prepared By: John Yungblut, Director of Public Works

Attachments: LED Stop Sign Example, Flashing Beacon Sign Photo, Truck Photo

Recommendation:

THAT the Township of Huron-Kinloss Committee of the Whole hereby receives for information Report PW-2026-11 prepared by John Yungblut, Director of Public Works.

Background:

Enhanced Stop Signs

On Feb. 2, 2026, Council requested information regarding options for stop signs with increased visibility compared to the stop signs currently used on Township roads.

Township staff purchase stop signs that are in accordance with the Ontario Traffic Manual (OTM) Book 5. The OTM recommends three stop sign sizes: a 60cm x 60cm standard sign to be used on roads with posted speed limits of 60 km/hr or less, a 75cm x 75cm oversize stop sign for roads posted 70 km/hr or greater and a 120cm x 120cm special oversize stop sign that is intended in locations with two relatively major roads intersect or where special emphasis is required. All signs must be constructed with a reflective coating to make them more visible at night.

The only supplemental measures for increased emphasis that are recommended in the OTM are painted stop lines and red flashing beacons as described in OTM Book 12. In areas that are more prone to vehicles failing to stop at intersections such as Lake Range Dr. and Wolfe St. at South Kinloss Ave, Township staff have installed the special oversize stop signs.

Stop Sign Type	Regular Sign Price	Solar LED Sign Price	Solar Flashing Beacon Price (incl. sign)
Standard Stop Sign (60cm x 60cm)	\$35.62	\$2,069.00	\$1,804.37
Oversize Stop Sign (75cm x 75cm)	\$53.43	\$2,000.000	\$1,822.18
Special Oversize Stop Sign (120cm x 120cm)	\$137.98	\$2,720.00	\$1,906.73

Plow Truck Fire

On Feb. 6, 2026 at 5:45am, a Township snow plow operator noticed voltage and light failure while plowing snow on Grey Ox Ave with our 2012 International tandem plow truck. Unfortunately, this issue resulted in the truck catching on fire at which point the operator was able to exit the vehicle and call 911.

The Lucknow Fire Department responded quickly to extinguish the fire and our insurer is investigating the cause of the fire, which we suspect is a failed alternator.

Fortunately, no one was injury as a result of the incident and the Township has a spare plow truck available, so we were able to maintain our Level of Service without a replacement vehicle.

Discussion/Analysis/Overview:

Enhanced Stop Signs

Reflectively on stop signs typically last for 7-10 years, so we should expect to have to replace the LED signs on a regular basis for reflectivity purposes. Township staff do not recommend using LED stop signs without reflectivity because we would be out of compliance with Provincial Minimum Maintenance Standards. We have not been able to source replacement parts that could reuse the LED lights.

Conversely, the flashing red beacon lights can be installed over any stop sign, so as long as the beacon is functional, it will not have to be replaced.

The only intersection along Lake Range Dr. that Township staff are aware of a vehicle collision caused by a failure to stop at a stop sign in the past five years in at Con. 2.

For mainly budget reasons, Township staff do not recommend proceeding with enhanced stop signs in 2026. The 2027 budget could be increased to cover the cost of enhanced stop signs.

Plow Truck Fire

Township staff are not planning to have a replacement truck available for the 2026-2027 winter season, so we will likely need to keep our 2008 International truck as our spare truck for next winter. We were planning on declaring it surplus when our 2026 International plow truck arrives, which is now scheduled for November 2026.

Financial Impacts:

The 2026 Operating Budget has allocated \$187,000 for road safety devices and signs, which includes guide rails, signs and line painting. Out of this budgeted amount, \$22,000 has been assigned to purchase materials and supplies. With the proposed changes to stop sign control and speed limits on Lake Range Dr. and Wolfe St., we do not expect that there is enough funding in the 2026 budget to purchase enhanced stop signs.

Our insurance policy covers the replacement value of Township vehicles, so the purchase of a new plow truck, subject to the deductible, should be covered by insurance.

Performance Measurement:

Township staff measure the reflectivity of stop signs on an annual basis.

Strategic Area:

- Embrace a thriving rural lifestyle
- Enhance Municipal Service Delivery
- Prepare for Inclusive Growth
- 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