



## Corporation of the Township of Brock

### Staff Report to the Mayor and Members of Council

**From: Paul Lagrandeur**  
**Position: Director of Public Works**  
**Title / Subject: 4 way stop request**  
**Date of Report: January 13, 2023**  
**Date of Meeting: January 30, 2023**  
**Report No: 2023-CO-004**

#### 1.0 Issue / Origin

A request has been brought forward for a new four way stop at Concession Road 14 (B) and Sideroad 17. Sight line from a hill on Sideroad 17 appears to be the concern. Communication 540/22.

#### 2.0 Background

Sideroad 17 from Hwy #48 to Concession 14(B) and to Concession 13(B) is a class 4 road with DST surface and has a speed limit of 80 km per hour. The AADT is 225. Concession 14(B) from Sideroad 17 to Lloyds Sideroad is a class 4 road with a gravel surface and has a speed limit of 80 Km per hour. The AADT is 148. Concerns for being able to "pull out" from Concession 14 B onto Sideroad 17 due to visibility.

#### 3.0 Analysis

The most recent version of OTM Book 5 (December, 2021), provides three different all-way stop warrants:

- Minimum Volume Warrant
- Collision Warrant
- Visibility Warrant

The Minimum Volume Warrant conditions are not met at this intersection.

The Collision Warrant does not meet the 9 or more right-angle or turning type collisions over a 36 month period.

The Visibility Warrant is under consideration. Staff have visited the sight and will clear the brush along the west side of Sideroad 17 south of Concession 14 B. The right hand visibility splay from the position at Concession 14 B at Sideroad 17 is compromised by vegetation. Clearing the sightline at that location will remove the concern. Sightline is achieved on Sideroad 17 south of Concession 14 B in regards to the crest of the hill south of the intersection.

#### **4.0 Related Policies / Procedures**

OTM Book 5.

#### **5.0 Financial / Budget Assessment**

The costs for brushing and clearing in can be accommodated within the road maintenance operating budget.

#### **6.0 Climate Change Impacts**

N/A

#### **7.0 Communications**

Communication 540/22 December 12 Correspondence from Alyssa Hall.

#### **8.0 Conclusion**

On the basis of the foregoing review, staff will clear the vegetative growth along the sightline and continue to monitor the area on a regular basis for clearing.

#### **9.0 Recommendation**

On the basis of the foregoing review, it is recommended:

THAT staff report 2023-CO-004, 4 way stop request, be received;

AND THAT staff be authorized to continue with road maintenance operations of brushing and clearing along Sideroad 17 and Concession 14 B.