



Committee of the Whole Report

Report Number: ENG2025-012
Meeting Date: April 8, 2025
Title: Request for Speed Posting on Valentia Road and All-Way Stop at Valentia Road and Ramsey Road
Description: Regulation of Traffic
Author and Title: Gordon Archibald, Senior Engineering Technician

Recommendation(s):

That Report ENG2025-012, **Request for Speed Posting on Valentia Road and All-Way Stop at Valentia Road and Ramsey Road**, be received;

That Valentia Road from Little Britain Road to Ramsey Road be posted for speed at 60km/hr; and

That the installation of an all-way stop, with flashing beacons, at the intersection of Valentia Road and Ramsey Road, Little Britain, be approved;

That the necessary By-Laws for the above recommendations be forwarded to Council for adoption; and

That this recommendation be brought forward to Council for consideration at the next Regular Council Meeting.

Department Head: _____

Financial/Legal/HR/Other: _____

Chief Administrative Officer: _____

Background:

On November 1, 2024, Engineering staff were requested to provide a review of the intersections of Little Britain Road/Valentia Road and Ramsay Road/Valentia Road to determine if any traffic mitigation measures were recommended in response to the proposed seasonal closure of the Elm Tree Road bridge and subsequent detour. The bridge required repair that is scheduled for 2025.

Please see **Staff Memo; Traffic Analysis of Detour for Elm Tree Road Bridge** (Appendix A). After review, it was determined that winter closure was not necessary. The mitigation measures recommended in the memo can now be applied for the bridge closure necessary for the repair.

This report is submitted to pass the necessary by-laws to bring this traffic management plan into effect.

Rationale:

Detour:

As part of the traffic management plan, the detour would route vehicles which normally would travel on Elm Tree Road from Little Britain Road destined to south of the bridge or through to Valentia, redirecting them to Valentia Road at Little Britain Road.

All-Way Stop:

In light of the increased volume and potential turning movement conflicts at the intersection of Valentia Road and Ramsey Road, staff have recommended an all-way stop with flashing red beacons at this intersection. Traffic counts performed at the intersection showed a volume split of 50/50. For intersecting arterial roads with equal volumes, it is best practice to control with an all-way stop. Therefore, it is recommended that this all-way stop remain permanently.

Posted Speed Limit:

Officially designated or not, drivers will likely use Valentia Road from Little Britain Road to Ramsey Road as a detour. This road section is a rural local road with narrow shoulders that is unposted for speed. Continuing south from Ramsey Road to Elm Tree Road it becomes a rural arterial road designed as such. The traffic volumes on the unposted portion of Valentia Road warrant a speed posting. The maximum speed limit for non-arterial rural roads is 60 km/hr or lower if built-up. This area is not considered built-up.

As a result of the justification review carried out by staff, it is recommended that an All-way stop be installed at the intersection of Valentia Road and Ramsey Road. It is recommended that Valentia Road from Little Britain Road to Ramsey Road be posted for speed at 60 km/hr.

Other Alternatives Considered:

It was considered that the recommendations could be temporary and removed when the repairs were complete. However, the volumes of Valentia Road and the volume split at Valentia Road and Ramsey Road are high enough to justify the permanent installation of the speed posting and all-way stop.

Financial/Operation Impacts:

Signs with installation – Approximately \$3000 through Public Works operational budget.

Beacons - Approximately \$7000 through the traffic signal capital budget.

Consultations:

CKL Traffic Management Supervisor

CKL Manager of Engineering – Technical Services

Attachments:

List as many Attachments as required as follows:

Appendix A – Traffic Management Review Memo



Adobe Acrobat
Document

Department Head email: jrojas@kawarthalakes.ca

Department Head: Juan Rojas, Director of Engineering & Corporate Assets

Department File: Engineering