



REPORT

Public Works and Operations

TO: Public Works and Active Transportation Committee
FROM: Kyle Brennan, Operations and Capital Project Manager
DATE: December 2, 2024
REPORT: PWO-16/24 **FILE NO.**

SUBJECT: Concession Road 3 - Road Safety Audit

BACKGROUND:

Safe Roads Engineering (SRE) was retained by the Township of Uxbridge (the “Township”) to complete a road safety study for a 400 meter segment of Concession Road 3 south of Regional Road 21. The purpose of this study is to identify any potential safety issues with this section of the roadway, with a focus on the speeds and counts of vehicles that drive this area, and to recommend remediation measures for the Township to implement, if deemed necessary.

DISCUSSION:

Through the road safety review, Safe Roads focused on several key items, including traffic volumes and speeds, historical collision data, determining the appropriate speed limits based on the Transportation Association of Canada’s (TAC’s) Canadian Guide for Establishing Posted Speed Limits, a review of public complaints and requests related to the existing roadway conditions, a field assessment of pavement marking and roadway signing, roadside safety and sight distances at intersections and entrances and finally the identification of driveways of sight distance issues.

The subject segment of Concession Road 3 for this report is from the Regional Road 21 intersection, to approximately 400 meters south of that location. This section is a north-south rural collector roadway, with an undivided two-way lane cross section in the study area and has a posted speed of 50km/hr.

During the April 8th, 2024 site visit, SRE also investigated the existing pavement markings and signage, as well as a general review of roadside safety. It was determined that the existing pavement markings through the segment are in generally good condition.

The recommendations within this report include line painting which can be added to the 2025 line painting tender, if approved. This is a small scope of work and would not require a significant added cost to the tender. The remainder of the work can be completed through the Public Works Operating budget.

ALIGNMENT TO STRATEGIC PRIORITIES:

The Concession 3 Road Safety Audit is pleased to be able to support the Township's strategic objectives:

5.3.8 Continue to monitor and address road safety.

RECOMMENDATION

THAT Report PWO-16/24 Concession Road 3 Safety Audit be received for information;

AND THAT temporary radar-speed boards are installed, to help reduce vehicle speeds;

AND THAT Dragon's Teeth line markings are painted along the studied area of Concession 3, to encourage motorists to slow down and be alert of their surroundings.

Respectfully Submitted by:

Kyle Brennan, Operations and Capital Project Manager