



Meeting Date: December 18, 2024

Prepared By: Andrew Giesen, C.E.T, PMP – Transportation Manager

Submitted by: Rob Cascaden, P.Eng – Director – Public Works and Engineering

Report No: PWE 49-2024

Subject: Quaker Lane 40km/h Speed Limit

Recommendation:

THAT Report PWE 49-2024, re: Quaker Lane 40km/h Speed Limit be received;

AND THAT the Parking and Traffic By-law 2018-092 be amended as per Appendix A appended to Report PWE 49-2024.

Purpose:

To undertake amendments to the Parking and Traffic By-law 2018-092.

Background:

This report builds on the 40km/h residential speed limit report presented and approved by Council on October 14, 2020, and subsequent Vision Zero Campaign reports approved by Council April 14, 2021, May 4, 2022, April 5, 2023, and April 17, 2024. This report also supports the implementation of the Middlesex Centre Strategic Plan's objective to improve road safety for all users.

Analysis:

Staff have received a number of concerns regarding Quaker Lane related to the roadway's speed limit, and use of the roadway by pedestrians, and cyclists accessing and using the Coldstream Conservation Area.

Quaker Lane is a paved two-lane local road approximately 1.4km in length located in the Poplar Hill Coldstream Hamlet area.



Quaker Lane has an average asphalt width of approximately 5.5m with no shoulders. The road has an un-posted statutory speed limit of 50km/h. The road primarily serves the existing residential properties, but also serves as the primary access to the popular Coldstream Conservation Area. Towards the east end of the road as you approach Coldstream Road, there are a number of driveway accesses to Coldstream Concrete, a large area employer and manufacturer of pre-cast concrete. The road is rural in nature with no curbs, streetlights, or sidewalks.

Staff undertook a speed volume study on Quaker Lane between July 8-17 of 2024, the results of which can be found below:

Total Vehicles Counted	656
Average Speed	37 km/h
85 th Percentile Speed	44 km/h

In 2020, Council approved targeted roadway locations for speed limit reductions to 40km/h. These locations were reviewed considering the following criteria: large pedestrian generators, parks, community centres, arenas, schools, and continuum of care facilities.

With Quaker Lane being the primary access to the Coldstream Conservation Area and being routinely used by local residents to access the conservation area and its playground and numerous trails, staff are recommending the speed limit be lowered to 40km/h on Quaker Lane and the road be posted as a Community Safety Zone consistent with other park locations in the municipality.

Financial Implications:

The existing Council approved transportation operating budget would be used to cover all costs associated with adding the Community Safety Zone and 40km/h signage.

Strategic Plan:

This matter aligns with following strategic priorities:

- Responsive Municipal Government

This report demonstrates Middlesex Centres responsiveness to concerns raised by residents.

Attachments:

Appendix A – Amendments to the Traffic and Parking By-Law 2018-092.