



City of
Peterborough

To: **Members of the General Committee**

From: **Cynthia Fletcher**
Commissioner of Infrastructure and Planning Services

Meeting Date: **November 12, 2019**

Subject: **Report IPSTR19-027**
Chemong Road Speed Limit Reduction

Purpose

A report to recommend modifications to the speed limit on Chemong Road from Milroy Drive to the north City limit.

Recommendation

That Council approve the recommendation outlined in Report IPSTR19-027 dated November 12, 2019, of the Commissioner of Infrastructure and Planning Services, as follows:

That a 50 km/h speed limit be implemented on Chemong Road between Milroy Drive and the north City Limit in accordance with By-Law 16-116.

Budget and Financial Implications

Implementation of the recommended 50 km/h speed limit on Chemong Road will cost approximately \$500.00, funds for which are available in the 2019 annual new sign budget.

Background

Chemong Road Speed Limit Reduction

Chemong Road, north of Milroy Drive is a four-lane high capacity arterial road carrying approximately 14,300 vehicles per day. The posted speed limit on Chemong Road, from 100 m north of Milroy Drive to the north City limit is 70 km/h which is consistent with the current 70 km/h speed limit on County Road 18 (Chemong Road) to the north of the City Limits. To the south of Milroy Drive, Chemong Road has a posted speed limit of 50 km/h.

Vehicle speeds are primarily influenced by the operating environment along the roadway. In rural areas, where there are sparse levels of development and few conflicts, drivers tend to drive at a speed they are comfortable with, despite the posted speed limit. Where the adjacent land is built-up and the roadway environment is urbanized with an increased number of conflicts due to busy entrances, pedestrian activity, and vehicles turning at intersections, drivers will typically slow down naturally to match the increased risks they perceive.

This section of Chemong Road is in a rural transition area, where development is starting to appear, but the roadway environment is still largely rural in nature, with a rural cross-section and a posted speed of 70 km/h. Current measured average operating speeds are approximately 75 km/h.

Parklands subdivision, located on the east side of Chemong Road at the north city limit, is currently constructing homes on lands adjacent to Chemong Road, and future phases of development will build on the western most parcels fronting onto Chemong Road. As part of the development, Chemong Road is currently being upgraded to an urban cross-section complete with curb and gutter, sidewalks, lighting, left-turn lanes, and traffic control signals at the intersection of Chemong Road and Broadway Boulevard. The initial road work and the commissioning of the traffic signals are scheduled to be complete by the end of November 2019. The design of the roadwork was done in anticipation of the ultimate urbanization of the adjacent lands to the east and west of Chemong Road.

To improve safety and to better reflect the new urbanization and anticipated level of activity in this section of Chemong Road, staff recommends extending the existing default speed limit of 50 km/h from Milroy Drive to the north City Limit in accordance with By-Law 16-116, as shown in **Appendix A**.

Timelines

If the recommendations are approved, the 50km/h speed limit on Chemong Road would be implemented in conjunction with the completion of construction, in the late fall/early winter of 2019.

Summary

Taking into consideration the urbanization of Chemong Road north of Milroy Drive including the construction of traffic control signals and pedestrian facilities, it is recommended that the existing 50km/h posted speed limit on Chemong Road be extended from Milroy Drive to the north City Limit.

Submitted by,

Cynthia Fletcher
Commissioner of Infrastructure and Planning Services

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Attachments:

Appendix A: Chemong Road Proposed 50 km/h

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