Neighbourhood Traffic Calming Options Report

PURPOSE:

This document provides guidance for the preparation of a Neighbourhood Traffic Calming Options Report which may be required for the submission of an application under the *Planning Act*. All Neighbourhood Traffic Calming Options Reports shall follow the guidelines referenced in this document.

A Neighbourhood Traffic Calming Options Report provides information for the assessment of the potential for site related traffic to impact the local (neighbourhood) streets adjacent to a proposed development and the identification of when and what traffic calming measures may be required to mitigate the site related traffic impacts.

The need for a Neighbourhood Traffic Calming Options Report will be identified during the Formal Consultation stage. The need for a Neighbourhood Traffic Calming Options Report is a locational requirement in the Urban Hamilton Official Plan and Rural Hamilton Official Plan checklist for an Official Plan Amendment, Zoning By-law Amendment, Plan of Subdivision, and Site Plan Control Application.

The need for a Neighbourhood Traffic Calming Options Report and the terms of reference are to be confirmed through a pre-study consultation with Transportation Planning staff.

PREPARED BY:

The Neighbourhood Traffic Calming Options Report must be prepared by a qualified transportation consultant experienced in transportation planning or traffic engineering. The report must be stamped, dated, and signed by a Professional Engineer (P.Eng.) in the province of Ontario.

CONTENTS:

The Neighbourhood Traffic Calming Options Report may be provided as a standalone document or as a separate section within a broader document containing the required transportation studies.

The Neighbourhood Traffic Calming Options Report may be required to:

- Estimate and assign the site generated traffic to the study area road network;
- Identify the volume and percentage of site generated traffic that could cut through the adjacent neighbourhood. Consultants should consider existing and proposed road networks, travel patterns, and potential for time savings;
- If the proposed development relies on local roads or residential collector roads for access to/from the subject lands, assess whether the addition of site generated traffic would alter the existing road classification (e.g. role and function). If future volumes are projected to increase by greater than five (5) percent, determine if traffic calming measures should be introduced to mitigate impact of site traffic;
- Conduct a full traffic calming assessment to determine the appropriate type(s) and location of measures that could be deployed. This assessment should be completed using a Vision Zero lens and include reviewing baseline data (e.g. existing volumes, speeds, collision history, etc.), clearly articulating specific safety issues, and demonstrating that the proposed measures effectively address the identified problems;

- Identify equity-deserving demographic of pedestrians and cyclists (e.g., children, older adults, people with disabilities) expected to access or travel around the site that may be disproportionately impacted by traffic. The proposed traffic calming measures must prioritize the safety and comfort of vulnerable road users;
- Provide a functional plan showing the location and design of the proposed traffic calming measures. Once City staff are in agreeance with the functional plan, detailed design drawings may also be required to ensure feasibility and in scenarios where the Developer will be responsible for installing the proposed measures as a condition of approval;
- Provide a cost estimate; and,
- Propose monitoring and evaluation measures.

OTHER INFORMATION:

The Transportation Association of Canada *Canadian Guide to Traffic Calming* (Purchase Required) for the accepted assessment methodology and selection tools.

https://www.tac-atc.ca/en/knowledge-centre/technical-resources-search/publications/ptm-trafcalm18-e/

Additional resources include the latest versions of the City's Traffic Calming Policy, Vision Zero Action Plan, and Complete Streets Design Guidelines.

Vision Zero - Roadway Safety | City of Hamilton

Complete Streets Design Manual | City of Hamilton

REVIEWED AND APPROVED BY:

Transportation Planning and Parking Division, Planning and Economic Development Department, in conjunction with Transportation Operations and Maintenance, Public Works Department.

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