



Hamilton

DEVELOPMENT APPLICATION GUIDELINES

Transportation Impact Study / Traffic Impact Study

PURPOSE:

This document explains the guidelines for the preparation of a Transportation Impact Study / Traffic Impact Study which may be required for the submission of an application under the *Planning Act*. All Transportation Impact Studies / Traffic Impact Studies shall follow the guidelines referenced in this document. Failure to adhere to the guidelines may result in a submission being considered unsatisfactory and a submitted application being deemed incomplete.

The purpose of a Transportation Impact Study / Traffic Impact Study (TIS) is to assess the potential impacts of traffic changes on a municipal road caused by a proposed development. The study identifies any infrastructure improvements or mitigation measures needed to ensure the road network will operate acceptably and safely upon completion of a proposed development.

PREPARED BY:

The TIS is to be prepared by a qualified transportation consultant experienced in transportation planning or traffic engineering. The consultant must be registered as a Professional Engineer in the province of Ontario and be a member of both the Transportation Association of Canada and the Institute of Transportation Engineers.

CONTENTS INCLUDE:

The need for a TIS and the terms of reference for the Study are to be confirmed through a pre-study consultation with Transportation Planning staff. The TIS may be provided as a standalone document or as a separate section within a broader document containing the required transportation studies.

The TIS is to be completed as per the City's approved TIS Guidelines.

The TIS should consider all modes of travel including cars, trucks, transit, cyclists and pedestrians. The Study may be required to include:

- A description of the proposed development.
- The delineation of a study area.
- Horizon years and time periods for the analysis.

Transportation Impact Study/Traffic Impact Study – Development Application Guidelines

- Existing traffic conditions information.
- Background traffic data.
- Site generated traffic data.
- Future total traffic data.
- An evaluation of site generated traffic impacts.
- An access location analysis.
- The identification of improvements required to mitigate identified operational deficiencies as per City policies.
- Conclusions and recommendations.

OTHER INFORMATION:

City of Hamilton Traffic Impact Study Guidelines (2009)

<https://www.hamilton.ca/build-invest-grow/planning-development/planning-policies-guidelines/traffic-impact-study-guidelines>

REVIEWED AND APPROVED BY:

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