

Transportation Impact Study and/or Transportation Impact Statement

Purpose:

The purpose of these studies is to identify the transportation network improvements and on-site design elements necessary to accommodate additional vehicle, cyclist, pedestrian, and transit traffic and parking the proposed development will generate and ensure its impact on adjacent land uses is safe and acceptable;

All Transportation Impact Studies and Transportation Statements must be prepared in accordance with the City of Windsor [Transportation Impact Study Guidelines](#), which outlines detailed technical requirements, thresholds, methodologies, and formatting standards.

Where a Transportation Impact Study is required, such study shall:

1. Include the collection and projection of traffic related data from the nearby and adjacent road network based on existing and future conditions;
2. Assess trip generation, assignment, and distribution from the proposed development as well as existing, permitted, and proposed developments within the Study Area to a horizon year directed by the City during the pre-application process;
3. Assess street and intersection capacity and queuing including current and projected operational deficiencies that may arise as a result of growth from background traffic, future conditions and traffic generated by the proposed development;
4. Describe and recommend measures required to achieve the transportation goals, objectives and policies set out in the Transportation Chapter of this Plan and the City's capital projections included in the Development Charges By-law;
5. Describe and recommend specific site design practices, including Transportation Demand Management measures, to ensure priority is given to sustainable modes of transportation over vehicle use;
6. Employ Transportation Association of Canada and other applicable guidelines regarding driveway access design, location, throat length and function;
7. Describe the final outcome that will be achieved by the transportation network with the proposed development and associated improvements to the network to the defined planning horizon;
8. Describe how the proposal will promote development patterns that will generate positive impacts on transportation;
9. Ensure that driveway, loading and vehicular and bicycle parking requirements are provided and suitably located in the development;
10. Ensure that facilities are provided for ease and safety of pedestrian movement through the

development including, but not limited to, walkways, pedestrian crossings, and overpasses/underpasses; and

11. Evaluate the proportion of development that is in proximity to existing or planned transit stops along transit routes.
12. Names and sections of technical guidelines used, and assumptions made, shall be attached to the study.

Qualifications:

A Transportation Impact Study must be completed by a professional transportation engineer certified to practice in Ontario, to the satisfaction of the City.
