

<b>Study Description</b>	A <b>Transportation Impact Study</b> is an evaluation of the effects of a proposed development on the existing road network and adjacent properties. The study is intended to recommend mitigation measures to address travel demands generated by the development, if necessary.
<b>Purpose</b>	To evaluate the effects of a development or re-development on the transportation system and to suggest any transportation improvements that are necessary to accommodate the travel demands and impacts generated by the development.
<b>Who should prepare this?</b>	A qualified transportation engineer experienced in preparing transportation engineering studies. All reports and drawings must be stamped, signed and dated by a qualified professional engineer, licensed in the Province of Ontario.
<b>When is this required?</b>	<p>To support the following applications:</p> <ul style="list-style-type: none"><li>• Official Plan Amendment</li><li>• Zoning By-law Amendment</li><li>• Draft Plan of Subdivision/Condominium</li><li>• Site Plan Control</li></ul> <p>Site Plan Control - A <b>Parking Study</b> may be required to support a development proposal that includes conditions for bonusing or a reduction in parking standards.</p> <p>A Construction Staging Plan may be required to support larger developments.</p>
<b>Required Contents</b>	The <b>Transportation Impact Study</b> should be based on established transportation planning and traffic engineering principles and adhere to the City's <a href="#">Transportation Impact Study Guidelines</a> .
<b>What else should we know?</b>	<p>Pre-consultation or discussion with City Transportation Planning staff is required prior to commencement of the <b>Transportation Impact Study</b>. Applicants and/or their consultants are required to submit a full scope of work proposal for review and approval by staff.</p> <p>Pre-consultation with other review and clearance agencies such as Barrie Transit, Go Transit/Metrolinx and Ministry of Transportation (MTO) where applicable, is necessary to confirm any study requirements.</p> <p>A detailed analysis will be required for development proposals that exceed <a href="#">population and employment forecasts</a> for the in-effect <a href="#">Transportation Master Plans</a>. This work is to be completed by the City's Transportation Master Plan consultant at the Applicant's expense.</p> <p>In instances where a proposed development requires improvements to the City's transportation network; a design brief, completed design drawings and cost estimate are required to be prepared to the satisfaction of the City by an experienced engineering consultant specializing in transportation design. The Applicant may be required to implement the improvement. All</p>

improvements should be assumed to be at the applicants expense or require front-ending (if development charges eligible).

Additional content not listed here may also be necessary to meet the specific requirements of the planning application.

**What other resources are available?**

Professional Engineers Ontario – To hire a professional engineering consultant, consult the directory:

<http://forum.peo.on.ca/cgi-bin/CED/CEDSearch.cgi>

Section 5.4 Transportation of the Official Plan:

<https://www.barrie.ca/City%20Hall/Planning-and-Development/Pages/Official-Plan.aspx>

Engineering Department Transportation Design Manual:

<https://www.barrie.ca/City%20Hall/Planning-and-Development/Engineering-Resources/Documents/Standards/Barrie-Transportation-Design-Manual.pdf>

Transportation Master Plan:

<https://www.barrie.ca/City%20Hall/Planning-and-Development/Engineering-Resources/Pages/Infrastructure-Master-Plans.aspx>

**Notes**

If the proposed development is revised, the study/report shall reflect the revisions by an updated report or letter from the author indicating the recommendations and conclusions are the same.

Please note that a peer review may be required. The cost of the peer review will be borne by the applicant.

Please note that the requirements of this study may vary depending on the nature of the proposal. This will be determined through the pre-consultation process and in consultation with any applicable external agencies.

If the submitted study is incomplete, is authored by an unqualified individual, or does not contain adequate analysis, the application will be considered incomplete and returned to the applicant.