



Hamilton

DEVELOPMENT APPLICATION GUIDELINES

Cycling Route Analysis

PURPOSE:

This document explains the guidelines for the preparation of a Cycling Route Analysis which may be required for the submission of an application under the *Planning Act*. All Cycling Route Analyses 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.

A Cycling Route Analysis assesses the ability of the existing or planned cycling facilities to accommodate additional development related cycling trips and identifies when new facilities or infrastructure may be required on- or off-site to encourage cycling trips.

A Cycling Route Analysis ensures the development will promote and facilitate cycling as an alternative mode of transportation, resulting in a reduction in auto trips and a shift to more sustainable modes of transportation.

A Cycling Route Analysis may be required when a development has the potential to create or increase cycling trips, resulting in the need for improvements to existing facilities or provision of additional capacity/new infrastructure. The need for a Cycling Route Analysis will be identified during the Formal Consultation stage.

PREPARED BY:

The Cycling Route Analysis 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.

CONTENTS INCLUDE:

The need for a Cycling Route Analysis and the terms of reference are to be confirmed through a pre-study consultation with Transportation Planning staff. The Cycling Route Analysis should reflect the information and recommendations contained within the most recent Cycling Master Plan documents. The Cycling Route Analysis may be provided as a standalone document or as a separate section within a broader document containing required transportation studies.

The Cycling Route Analysis may be required to:

- Provide a description of the study area and the proposed development site.
- Provide a site plan illustrating the proposed supply and location of onsite short-term and long-term bicycle parking.

Cycling Route Analysis – Development Application Guidelines

- Outline the existing study area cycling and bikeshare facilities and infrastructure, including direct connections to other sustainable travel modes (e.g.: transit stops or stations).
- Identify gaps in the cycling network and/or bikeshare facilities around a proposed development.
- Estimate site generated cycling trips.
- Determine the need for connections between the proposed development and existing cycling network.
- Provide recommendations on the preferred facility to connect the proposed development to existing network, where appropriate.

OTHER INFORMATION:

Cycling Master Plan

<https://www.hamilton.ca/city-council/plans-strategies/master-plans-studies/hamiltons-cycling-master-plan>

Complete Streets Design Manual

<https://www.hamilton.ca/build-invest-grow/planning-development/planning-policies-guidelines/complete-streets-design-manual>

Ontario Traffic Manual Book 18 Cycling Facilities

<https://www.library.mto.gov.on.ca/SydneyPLUS/Sydney/Portal/default.aspx?component=AAAAY&record=9c49ce44-e3b2-4389-91cd-5e9b67aad03d>

REVIEWED AND APPROVED BY:

Transportation Planning and Sustainable Mobility Sections, Transportation Planning and Parking Division, Planning and Economic Development Department

CONTACT:

Transportation.Planning@hamilton.ca