Pedestrian Route and Sidewalk Analysis

PURPOSE:

This document provides guidance for the preparation of a Pedestrian Route and Sidewalk Analysis which may be required for the submission of an application under the *Planning Act*. All Pedestrian Route and Sidewalk Analyses shall follow the guidelines referenced in this document.

A Pedestrian Route and Sidewalk Analysis provides information regarding the outline of how people will move to and through a proposed development. The Pedestrian Route and Sidewalk Analysis demonstrates the walkability and accessibility of a development, ensuring it complies with current policies, and provides a basis for review of the pedestrian realm of a proposed development.

A Pedestrian Route and Sidewalk Analysis may be required when a development has the potential to create or increase pedestrian trips, resulting in the need for improvements to existing facilities or provision of additional capacity / new infrastructure. The need for a Pedestrian Route and Sidewalk Analysis will be identified during the Formal Consultation Stage. A Pedestrian Route and Sidewalk Analysis is a minimum requirement within the Urban Hamilton Official Plan and Rural Hamilton Official Plan checklist for submissions of a Zoning By-law Amendment, Official Plan Amendment, and Plan of Subdivision. It is a discretionary submission item for a Site Plan Control Application.

PREPARED BY:

The Pedestrian Route and Sidewalk Analysis must be prepared by a consultant registered as a Professional Engineer in the province of Ontario. The consultant must affix their stamp and seal and specifically identify the engineer who prepared the work. The consultant is expected to be a qualified transportation consultant experienced in transportation planning or traffic engineering.

CONTENTS:

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

The Pedestrian Route and Sidewalk Analysis may be required to:

- Identify and dimension all pedestrian linkages through, within, and around the site including connections to existing sidewalks, adjacent sites, through parking areas, and to active transportation facilities and infrastructure;
- Identify how the mobility needs are accommodated throughout the site including pedestrians, cyclists, and persons with disabilities (meeting or exceeding AODA standards);
- Assess the age friendliness of existing infrastructure surrounding the site and identify necessary improvements to increase pedestrian mobility;
- Identify the location and types of surface treatments and materials for all onsite pedestrian facilities; and,
- Identify pedestrian desire lines and document how the site will retain those connections where possible or alternatively minimize walking distances.

REVIEWED AND APPROVED BY:

Transportation Planning and Sustainable Mobility Sections, Transportation Planning and Parking Division

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