Roadway/Development Safety Audit

PURPOSE:

This document provides guidance for the preparation of a Roadway/Development Safety Audit which may be required for the submission of an application under the *Planning Act*. All Roadway/Development Safety Audits shall follow the guidelines referenced in this document.

A Roadway/Development Safety Audit provides information to identify any safety or operational issues that may be created or exacerbated by the development proposal.

The Roadway/Development Safety Audit ensures the road improvements required to support a development will coincide with the current planned road safety measures, is consistent with Vision Zero and assists in addressing existing roadway safety concerns identified as part of the City's Collision Countermeasures program.

PREPARED BY:

The Roadway/Development Safety Audit must be prepared by a consultant registered as a Professional Engineer (P.Eng.) 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 Roadway/Development Safety Audit and the terms of reference for the Audit are to be confirmed through a pre-study consultation with Transportation Planning staff. The Roadway/Development Safety Audit may be provided as a standalone document or as a separate section within a broader document containing the required transportation studies.

The Roadway/Development Safety Audit may be required to identify the potential safety or operational issues related to:

- Weaving;
- Merging;
- Corner clearance;
- Sight distance;
- Transit operational conflicts;
- Vehicle-pedestrian conflicts;
- Vehicle-cyclist conflicts;
- Heavy vehicle/truck movement conflicts;
- Access conflicts; and
- Queuing impacts or conflicts.

For study areas or intersections and midblock sections that are listed within the Annual Collision Report top ranked locations, the following may be required:

- Existing collision data review and assessment;
- Identification of development impacts to overall roadway safety; and,

- Identification of equity-deserving demographic of pedestrians and cyclists (e.g. children, older adults, people with disabilities) expected to access or travel through the site that may be disproportionately impacted by the development.

OTHER INFORMATION:

The Canadian Road Safety Audit Guide: A Book in the Canadian Road Safety Engineering Handbook (CRaSH) (2001) | Transportation Association of Canada (TAC)

Canadian Guide to In-service Road Safety Reviews: A Book in the Canadian Road Safety Engineering Handbook (CRaSH) (2004) | Transportation Association of Canada (TAC)

REVIEWED AND APPROVED BY:

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