



# TRANSPORTATION IMPACT ASSESSMENT GUIDELINES

September 6, 2024

# Background and Context

- Transportation Assessment Guidelines are a tool to help City staff, the development community and consultants in preparing reports that meet the City of Hamilton's expectations
- Current guidelines, referred to as Traffic Impact Study (TIS) Guidelines have been in place since 2009
- An update to the guidelines was required to reflect current transportation policies and achieve the desired outcomes that were established as part of the City-wide Transportation Plan

# Purpose of Guidelines

- Provide a framework to determine the need for and focus of a study based on site location, proposed land use and development size
- Outline the acceptable type of study, content and documentation
- Establish the methodology and format for studies and provide a basis to determine existing or future transportation system improvements, or establish benchmarks for comparison of transportation network performance before and after development

# Purpose of Guidelines

- Complement the Hamilton Complete Streets Design Manual and Guidelines
- Provide objectivity and consistency for all assessments submitted to the City
- Provide a basis for discussion between the City and the development community for mitigation measures, right-of-way improvements and potential for cost-sharing

# Key Updates

- Rename guidelines to reflect a multi-modal approach
- Update process to include a defined pre-study consultation stage and checklist
- Integrate elements to operationalize Complete Streets policies
- Incorporate a Multi-modal Level of Service (MMLOS) analysis component
- Provide clear guidance on mitigation measures
- Update various methodologies and parameters based on current industry standards

# Multi-Modal Level of Service Assessment

- Multi-modal Level of Service (MMLoS) assessment is a methodology for analyzing the level of service experienced by users of different modes along street segments and at intersections



- MMLoS builds upon the traditional transportation engineering concept of level of service (LOS) for vehicles
- Considers factors such as safety and comfort for cyclists and pedestrians

# Mitigation Measures

- Guidelines provide specific direction on applicable mitigation measures
- Measures have been expanded to reflect Complete Streets and Vision Zero policies



# Expected Outcomes of Updated Guidelines

- Clarify expectations for development community, leading to more efficient reviews and approval timelines
- Reduce unnecessary work by scoping study requirements for each development
- Contribute to City's advancing Complete Streets and Vision Zero initiatives





Hamilton

THANK YOU