



Report to: Development Services Committee

Meeting Date: November 27, 2023

SUBJECT: City of Markham Road Safety Plan - Terms of Reference
PREPARED BY: Justin Chin, Traffic Engineer, Ext. 4020
David Porretta, Manager, Traffic Engineering, Ext. 2040
Loy Cheah, Sr. Manager, Transportation, Ext. 4838

RECOMMENDATION:

1. That the report entitled “City of Markham Road Safety Plan - Terms of Reference” be received; and
2. That the following Terms of Reference for the development of the Markham Road Safety Plan be endorsed:
 - a) Build on the outcomes of York Region’s Traveller Safety Plan and Markham’s Traffic Safety Audit to develop a Road Safety Plan that is tailored to the City of Markham.
 - b) Develop and conduct a comprehensive stakeholder consultation plan to solicit public and stakeholder input and feedback throughout the development of the Road Safety Plan.
 - c) Establish branding that is both specific for the City of Markham and complementary to the York Region Traveller Safety Plan to ensure consistent messaging is provided throughout the Road Safety Plan’s implementation.
 - d) Complete a background review of relevant information, studies, and data to ensure the Road Safety Plan builds on previously completed work, is data-driven and evidence-based.
 - e) Identify engineering and enforcement measures (safety tools) and assess their applicability, feasibility and effectiveness.
 - f) Review the City’s existing traffic calming policy, specifically as it pertains to vertical traffic calming measures such as speed humps/cushions and raised intersections.
 - g) Develop a 5-year capital program which prioritizes the implementation of recommended measures.
 - h) Develop a business case detailing the resource requirements (i.e. staff and financial) necessary to deliver and sustain the City’s Road Safety Program.

- i) Identify potential funding opportunities for the implementation of the Road Safety Program.
3. That Staff be authorized and directed to do all things necessary to give effect to this resolution.

PURPOSE:

The report seeks Council's endorsement of the Terms of Reference for developing a City of Markham Road Safety Plan.

BACKGROUND:

In May 2022, Council directed staff to collaborate with York Region to develop a Traveller Safety Plan (TSP) that will deliver a consistent and proactive approach to road safety across the Region. The objective of the TSP is to build on Safe Systems principles in developing a next generation road safety plan. The TSP focuses on changing traveller behaviours, setting realistic targets, and identifying quantifiable, practical and feasible mitigation measures. The development of the TSP is fully funded by York Region, at no cost to the City.

The TSP will be adaptable to City of Markham needs and allow the City to develop its own specific Road Safety Plan, consistent with the same guiding principles. A progress update on the TSP development was presented to Development Services Committee by Regional and City staff on July 5th 2023 as part of an overall road safety program update. Regional staff advised that they would be reporting to Regional Council in Q1 2024, seeking adoption of the TSP. In anticipation of the completion of the TSP, City staff are preparing to retain a qualified transportation engineering consultant by Q1/Q2 2024, with the objective of developing the City's Road Safety Plan.

OPTIONS/ DISCUSSION:**Road Safety Plan Development Objectives**

Following Regional Council endorsement of York Region's TSP and building on its outcomes, the City of Markham will develop a Road Safety Plan that aligns with Safe Systems principles, is data-driven and will proactively address areas of concern throughout the City that are at a heightened risk of fatal or serious injury collisions.

As part of the Road Safety Plan, a suite of possible engineering and enforcement measures established in York Region's TSP will be assessed for their site specific applicability and feasibility on City roads. A 5-year capital program will be developed using the recommended measures and prioritized locations. In order to ensure the

consistent application of these measures, the consultant will also be tasked with producing policies and guidelines.

Public and Stakeholder Consultation

The development of the Road Safety Plan will consist of a comprehensive consultation campaign where input received from the public and all stakeholders will be used to ensure the plan meets the specific needs of the City. While most road users do not recognize the separate jurisdictional responsibilities in a multi-tiered road network, the consultant will be tasked with assisting the City in developing a brand that is both specific for the City of Markham and complementary to York Region's TSP in order to provide consistent messaging to the public with respect to the goals and overall vision of the Road Safety Plan.

The stakeholders will include residents, City Council, internal City departments, external public agencies as well as other interest groups and advisory committees.

Proposed Road Safety Plan Terms of Reference

In preparation for the release of the City's Request for Proposal (RFP), staff are in the process of finalizing the draft Terms of Reference. Key elements are summarized below:

- a) Build on the outcomes of York Region's Traveller Safety Plan and Markham's Traffic Safety Audit to develop a Road Safety Plan that is tailored to the City of Markham.
- b) Develop and conduct a comprehensive stakeholder consultation plan to solicit public and stakeholder input and feedback throughout the development of the Road Safety Plan.
- c) Establish branding that is both specific for the City of Markham and complementary to the York Region Traveller Safety Plan to ensure consistent messaging is provided throughout the Road Safety Plan's implementation.
- d) Complete a background review of relevant information, studies, and data to ensure the Road Safety Plan builds on previously completed work, is data-driven and evidence-based.
- e) Identify engineering and enforcement measures (safety tools) and assess their applicability, feasibility and effectiveness.

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- f) Review the City's existing traffic calming policy, specifically as it pertains to vertical traffic calming measures such as speed humps/cushions and raised intersections.
 - g) Develop a 5-year capital program which prioritizes the implementation of recommended measures.
 - h) Develop a business case detailing the resource requirements (i.e. staff and financial) necessary to deliver and sustain the City's Road Safety Program.
 - i) Identify potential funding opportunities for the implementation of the Road Safety Program.

Next Steps

Staff will initiate the procurement process to solicit a qualified transportation engineering consulting firm in January 2024, immediately following Council endorsement of the Road Safety Plan Terms of Reference. Once initiated, the Road Safety Plan's development will take 12 to 18 months, with the completion anticipated by mid-2025. The Plan will include updates to Council at key milestones and phase completions.

FINANCIAL CONSIDERATIONS

Markham Council has previously approved a 2022 capital budget for the development of a multi-year Road Safety Strategy. The Region has fully funded the development of the Traveller Safety Plan, at no cost to the City. As a result, the approved capital budget for the Development of the Road Safety Strategy (project #22043 with a balance of \$434,700) is available to fund the development of the City's Road Safety Plan.

HUMAN RESOURCES CONSIDERATIONS

Not Applicable.

ALIGNMENT WITH STRATEGIC PRIORITIES:

In the Building Markham's Future Together Strategic Plan, development of a road safety capital plan aligns with the strategic focus for a Safe & Sustainable Community by improving safety for all road users.

BUSINESS UNITS CONSULTED AND AFFECTED:

Finance has reviewed this report.

RECOMMENDED BY:

Frank Clarizio, P.Eng.
Director of Engineering

Arvin Prasad, MPA, RPP, MCIP
Commissioner of Development Services

ATTACHMENTS:

Presentation – City of Markham Road Safety Plan Terms of Reference