

Date: October 27, 2021	Originator's files:
To: Chair and Members of General Committee	
From: Geoff Wright, P.Eng, MBA, Commissioner of Transportation and Works	Meeting date: November 17, 2021

Subject

Mississauga Vision Zero Action Plan 2021 – All Wards

Recommendations

1. That the report titled “Mississauga Vision Zero Action Plan 2021 – All Wards”, dated October 27, 2021, from the Commissioner of Transportation and Works be received; and
2. That the 99 actions identified in the Vision Zero Action Plan be endorsed by Council.

Executive Summary

- The City of Mississauga adopted Vision Zero as the guiding approach to road safety in 2018.
- The Transportation Master Plan (2019) set out a number of key actions related to Vision Zero to lay the groundwork for the City's greater Vision Zero efforts.
- The Vision Zero Action Plan identifies actions to address all five E's of Vision Zero (Evaluation, Enforcement, Engineering, Education and Empathy).
- The Action Plan will be used to guide staff work plans and advance efforts to eliminate fatalities and serious injuries on Mississauga roadways.
- A Vision Zero annual update will be presented to Council to highlight progress and trends in road safety.

Background

Vision Zero

A Vision Zero approach to road safety emphasizes that no loss of life in the road transportation network is acceptable. It recognizes that people make mistakes, but those mistakes should not result in serious injury or fatalities in a resulting collision. The design of the transportation system should anticipate human error and plan in a way that minimizes the impacts of any collision. Vision Zero prioritizes safety by basing decision making and prioritization on data, slowing

speeds through road design and enforcement, educating road users to understand the rules of the road and to develop empathy for their fellow travellers. The focus areas differ among municipalities who have taken a Vision Zero approach, but in Mississauga the 5 focus areas are referred to as the 5 E's: Evaluation, Engineering, Enforcement, Education, and Empathy.

Vision Zero in Mississauga

In 2018, Mississauga Council passed a resolution (0045-2018) to adopt Vision Zero as the guiding approach to road safety. The fundamental goal of Vision Zero is the elimination of all fatal and serious injury-causing collisions through various strategies.

The Mississauga Moves Transportation Master Plan (TMP) established several Action Items related to Vision Zero. Since the adoption of the TMP, the City has increased its efforts to advance Vision Zero. Currently, Mississauga has a number of programs, initiatives and practices that align with the fundamentals of Vision Zero, but there was a clear need to develop an Action Plan to shape efforts going forward across the organization. The transition to a Vision Zero approach in Mississauga is a significant change from traditional decision making. Actualizing the efforts in this Plan will take time and significant commitment from staff from various departments and divisions across the organization.

Comments

The Vision Zero approach to road safety shifts prioritization to first consider the safety and needs of the most vulnerable road users before anything else. The Vision Zero Action Plan is intended to be a living document that can help guide staff when incorporating Vision Zero principles in their work. The 99 actions within the Action Plan are broken down into 4 focus areas that align with the 5 E's of road safety: Evaluation, Engineering, Enforcement, Education and Empathy. Some actions relate to multiple focus areas and are identified as such within the plan. Below are some highlights of actions within each focus area:

Evaluation: Road/Intersection safety audits program, Vision Zero online dashboard, and project follow-up and analysis to determine the effectiveness in improving safety for vulnerable road users.

Engineering: Use physical changes to the street to slow speeds, provide protected and dedicated cycling and pedestrian infrastructure, uphold high maintenance standards for all facilities, and explore opportunities at signalized intersections to enhance protection of vulnerable road users.

Enforcement: Expand the use of technology to supplement Peel Regional Police enforcement efforts, and partner with Peel Regional Police to coordinate efforts.

Education and Empathy: Develop a city-wide Vision Zero education and engagement strategy, develop school travel-related programs including a school walking routes program and school streets pilot, conduct a road safety public survey every 3 years.

An annual Vision Zero update will be presented to Council to track progress. As a living document, this Action Plan can be updated as new trends, technologies and challenges present themselves. Staff will continue to make informed decisions based on collision and traffic data and trends that are observed as well as public feedback.

Equity and Vision Zero

It is important to note that Vision Zero principles and practices should be applied equitably throughout the City. Staff must understand the limits of the data currently available and look for ways to supplement with other sources of data, including input gathered through inclusive approaches to community engagement. There is evidence to suggest that often communities most in need are also least likely to report collisions, injuries or other serious concerns or express those concerns to staff or their local councillor. Vision Zero efforts must account for this and look for opportunities with equity at the forefront of decision making.

Strategic Plan

The Vision Zero Action Plan supports all of the City's Strategic Pillars for Change. Investments in road safety and protecting the most vulnerable on our roadways helps improve access and provides more options for residents to move around for any purpose, which supports the *Move*, *Belong* and *Connect* pillars. Residents and businesses want to locate in places where they feel safe or they know their staff have safe options for getting to work, which ties closely to the *Prosper* pillar. Finally, we know that safety can be a barrier for some to choose active modes of travel. By improving safety on Mississauga roads, people will be encouraged to choose more sustainable options. This supports the *Green* pillar in the Strategic Plan.

Engagement and Consultation

A draft of the Vision Zero Action Plan was presented to the Advisory Committees of Council related to roads and road safety including Road Safety Committee, Traffic Safety Council, Accessibility Advisory Committee and Mississauga Cycling Advisory Committee.

Financial Impact

There is no Financial Impact resulting from the adoption of the recommendations within this report. The actions identified in the Vision Zero Action Plan fall within the work plans of various divisions and sections within the Transportation and Works department. Any Vision Zero actions within the plan identified as "currently considered" or "initiated" have been accounted for within those section's budgets. A number of the short term action items have already been approved through the City's budget process. Any future financial impacts related to Vision Zero initiatives will be brought forward through the regular Business Planning and Budget process.

Conclusion

The City of Mississauga is committed to achieving Vision Zero, because no loss of life on our roadways is acceptable. The actions identified in the Vision Zero Action Plan require coordination among various departments and divisions working together to achieve that goal. The Vision Zero Action Plan will be a living document that can be updated as needed when trends, technologies and new challenges present themselves.

This report is seeking Council's endorsement of the Vision Zero Action Plan.

Attachments

Appendix 1: Mississauga Vision Zero Action Plan 2021



Geoff Wright, P.Eng, MBA, Commissioner of Transportation and Works

Prepared by: Erica Warsh, Vision Zero Program Lead