


EXECUTIVE SUMMARY





INTRODUCTION



Transportation in Mississauga is at an exciting turning point with a visionary policy that supports a more walkable city. The City's 2019 [Transportation Master Plan \(TMP\)](#) prioritizes a city where "everyone and everything will have the freedom to move safely, easily and efficiently to anywhere at any time." The forefront of this vision is moving away from single-occupancy vehicle use towards more sustainable, equitable and accessible modes of travel. Sustainable modes of travel include transit, cycling, walking and other forms of active transportation. As a Vision Zero City, Mississauga is committed to providing a safe network of pedestrian facilities that prioritizes vulnerable road users.

Our definition of pedestrians and walking includes people walking for a variety of trip purposes, including trips for transportation (travelling to school, work, transit and to run errands). It also includes recreational trips, including people walking dogs, people jogging and getting exercise. It is important to note that our definition of pedestrians and walking includes people using mobility devices such as wheelchairs, walkers and strollers.

Walking is the most fundamental and sustainable form of transportation and nearly every journey begins and ends by foot. Mississauga has a significant opportunity to encourage more walking. There are many plans, policies, services and facilities already in place that support a walkable city. The city is well-positioned to be a walkable community with its relatively high population density, grid street framework (arterials), high transit ridership, and an extensive sidewalk and multi-use trail networks. These factors combine to provide excellent opportunities for residents to incorporate walking into their everyday lives.

The Pedestrian Master Plan aims to improve the pedestrian network, infrastructure, policies, programs and environment so that people of all ages and abilities have the freedom to move easily and comfortably as a pedestrian. The Pedestrian Master Plan is a long-term plan, planning for the next 20 years (2041).

The Pedestrian Master Plan was developed over a four-phase process that spanned a 14-month period beginning in winter 2019. The creation of the Pedestrian Master Plan was an iterative process. It involved exploring options, drafting ideas and speaking with community members and stakeholders to create a final Plan. Mississauga residents were engaged using a range of tools and tactics, including two online surveys and an online community event.

VISION AND GOALS

As part of the Pedestrian Master Plan process, a vision along with supporting goals were developed to shape the overall future direction of the Plan. The vision and goals serve as a basis from which improvements and investments are identified and prioritized. The vision and goals were created based on a combination of Mississauga's existing commitments, as described in several overarching plans and strategies, as well as the input received from residents and stakeholders.

VISION

"People in Mississauga will walk knowing they have great places to walk and access to sidewalks, trails and crossings that are safe, connected and accessible, enhancing the overall health, vibrancy and quality of life in the city."

GOALS

- Make walking safer and more comfortable, and work towards achieving Vision Zero.
- Build sidewalks and trails that are connected and accessible.
- Encourage walking as part of an active and healthy lifestyle.
- Increase the number of walking trips in Mississauga.

RECOMMENDATIONS AND ACTIONS

The Pedestrian Master Plan consists of six overarching themes. For each theme, the plan includes several recommendations and more detailed actions. There are 68 actions identified in the Plan. The implementation of these recommendations and actions will help Mississauga work towards achieving the vision and goals of the Plan.





PLANNING builds on the relationship between how Mississauga grows and develops and how people move around the city. This theme also supports working with other departments, agencies and jurisdictions to create great places to walk.

RECOMMENDATIONS

- Co-ordinate with partner agencies to implement the Pedestrian Master Plan.
- Integrate the pedestrian network and supporting facilities into all City planning and capital improvement projects.
- Develop and implement City initiatives that support pedestrians and enhance the pedestrian environment.



DESIGN focuses on creating connected, safe, accessible and comfortable pedestrian facilities that can be used by all residents.

RECOMMENDATIONS

- Develop a connected pedestrian network.
- Develop a pedestrian network that is safe and comfortable for all.



FUNDING AND PROJECT DELIVERY provides direction on how the City will fund and implement the Master Plan.

RECOMMENDATIONS

- Seek the appropriate funds and resources to implement the Pedestrian Master Plan.
- Leverage all available funding opportunities to expedite project delivery.



PROMOTION AND EDUCATION supports educational programs, promotional events and developing materials that make it easier and safer for people to walk.

RECOMMENDATIONS

- Provide and support educational programs to increase walking mode share and safety.
- Encourage walking through promotional events, wayfinding, marketing and communications.



OPERATIONS AND MAINTENANCE focuses on ensuring there are clear, smooth and even sidewalks and trails to support and encourage walking year-round. In addition, pedestrian facilities should be accessible and can be used by everyone.

RECOMMENDATIONS

- Maintain the pedestrian network and infrastructure to ensure they are accessible and free of obstructions.



EVALUATION focuses on monitoring and reviewing how the Pedestrian Master Plan is being implemented, the number of people walking in the community and the health outcomes associated with more walking and physical activity.

RECOMMENDATIONS

- Develop a monitoring program to evaluate the impacts of implementing the Pedestrian Master Plan.
- Produce an annual report summarizing progress made on implementing the Pedestrian Master Plan.

IMPLEMENTATION

The strategies and actions developed as part of the Pedestrian Master Plan are intended to guide Mississauga's capital, operations, maintenance, policy and programming decisions over the next 20 years and beyond. While the Plan has been developed as a long-term plan, it will require financial investment, staff resources, and an implementation strategy to prioritize improvements over the short term (within 5 years), medium term (within 15 years) or long term (15 years and beyond).

The Pedestrian Master Plan is the first step towards the long-term vision for walking in the community. The strategies and actions outlined in the Plan lay the groundwork for implementation. To see them achieved, additional capital and operational investments and resources are required.

Additionally, it is important to note that many of the initiatives in the Plan require more community input and technical work. Mississauga will need to work closely with partners, residents and stakeholder groups to move forward with implementing the priorities in the Plan. The City will need to review the feasibility and desirability of each infrastructure project before implementation.

The City of Mississauga currently funds pedestrian infrastructure through Transportation and Works (within road rights-of-way) and Community Services (within parks). The infrastructure proposed as part of the Pedestrian Master Plan includes sidewalks and multi-use trails. Filling in all the gaps in the pedestrian network would require approximately 1,200 kilometres of new pedestrian infrastructure. As a result, network priorities (high, medium and low) were identified based on an objective and systematic Geographic Information Systems (GIS) based prioritization methodology. The prioritization methodology was developed based on input from community members, stakeholders and municipal staff and includes nine criteria, each with a score.

There are approximately 232 kilometres of high priority pedestrian gaps identified in the Pedestrian Master Plan. These project are estimated to cost approximately \$94 million. Additionally, operations and maintenance costs and resources to maintain new and existing pedestrian infrastructure must be considered over the long-term.

Funding Scenarios

Four capital funding scenarios are proposed to implement the high priority gaps in the existing pedestrian infrastructure. These will be planned, budgeted and constructed by the Roads Service Area. Each scenario, presented in Table E1, would require a different number of years to complete the network depending on the level of annual funding. Scenario B, with an allocation of \$3.1 million annually, is being recommended by staff. This cost is for new sidewalks only and does not include upgrades to existing infrastructure. Additionally, with the installation of new sidewalks, there will be an increase in maintenance and operation costs that need to be considered.

Table E1. High Priority Pedestrian Infrastructure Funding Scenario (Based on 2021 costs)

SCENARIO	LENGTH (KM/ YEAR)	YEARS TO COMPLETE	YEARLY FUNDING ALLOCATION
A (Current)	4	62	\$ 1,500,000
B	8	30	\$ 3,100,000
C	12	20	\$ 4,700,000
D	23	10	\$ 9,300,000

Intersection enhancements are also proposed as part of the Pedestrian Master Plan, however the specific treatment at crossing locations is context-specific and will require additional study. Intersection enhancements can range from \$5,000 for a marked crosswalk to \$200,000 for a full signal (**Table E2**).

Table E2. Unit Cost for Intersection Enhancements (Based on 2021 costs)

INTERSECTION ENHANCEMENT	COST PER LOCATION
Marked Crosswalk (one crosswalk)	\$ 5,000
Rectangular Rapid Flashing Beacon / Pedestrian Crossover	\$ 20,000
Full Signal (four way traffic signal)	\$ 200,000
Curb extensions (one side of crossing)	\$ 10,000
Raised Crosswalk (one crosswalk)	\$ 20,000

The Pedestrian Master Plan is a long-term plan that will be implemented over many years. It is a plan that belongs to Mississauga residents and will continue to be guided by the community. As each pedestrian network project is implemented, community members and other stakeholders will have the opportunity to provide input. For the City to achieve the vision of the Pedestrian Master Plan, walking in Mississauga must be safe, accessible, comfortable and convenient. Facilities must be well-connected, continuous and the pedestrian environment must be interesting, exciting and fun. Lastly, walking needs to be encouraged. Completing the pedestrian network is a key priority to meet the City of Mississauga's Official Plan (OCP), Strategic Plan, Vision Zero and Climate Strategy goals.