

City of Mississauga

Briefing Note



Date: 2025/05/02

To: Councillor Stephen Dasko
Ward 1

From: Emma Calvert
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Director, Traffic Management and Municipal Parking

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Subject: 2025 Roads and Stormwater Capital Plan for Ward 1

The purpose of this briefing note is to provide an overview of the roads and stormwater projects planned for Ward 1 in 2025. These projects are also illustrated on the attached Ward 1 Roads and Stormwater Capital Plan Map.

Roads Projects

The Roads Capital Plan includes roadway rehabilitation, major roads improvements, integrated roads projects, bridge and culvert renewal, cycling infrastructure and sidewalk improvements, noise wall replacements and upgrades, intersection improvements, rapid transit studies, road safety projects, traffic signal modernization and the installation of new signals, streetlight replacements, and environmental site management projects.

Roadway Rehabilitation

The Roadway Rehabilitation program is focused on the renewal of the pavement, curb and sidewalk infrastructure within the roadway. Pavement renewal can range from resurfacing to full reconstruction of the roadway. The curbs and sidewalks may also be replaced as part of the rehabilitation project if warranted by their condition. These projects are prioritized based on city-wide needs and are coordinated with other City projects, the Region of Peel, utility companies and development pressures to the extent possible and practical. The approved 2025 city-wide budget for roadway rehabilitation is \$30.8 million. With the streets carried over from 2024, this

year's construction program includes 33.6 km of road surface, affecting 83 streets across the city. The table below summarizes the streets planned for rehabilitation in Ward 1 this year.

Street Name	From	To
Briarhill Drive	Broadmoor Avenue	Maplewood Road
Broadmoor Avenue	Mineola Road East	Radley Road
Front Street South	Port Street West	John St. S. / Lake St.
Goldthorpe Road	Mineola Road East	Pinewood Trail
Oakes Drive	Mineola Road East	Goldthorpe Road
Pinewood Trail	Hurontario Street	Lochin Trail
Total	6 streets	3.3 km

Major Roads Improvements

Projects in the Major Roads Program include new roads, road widenings, multi-modal integrations, railway grade separations and other improvements to the major road transportation network. Typically, a Municipal Class Environmental Assessment (EA) Study is completed for each project prior to proceeding to the detailed design and construction phases. There are no major road improvement projects planned in Ward 1 this year.

Integrated Roads Projects

The Integrated Roads Program seeks to improve the coordination of City roads projects and reduce construction costs and nuisance/fatigue for residents by bundling planned improvements and renewals into a single construction project. Integrated Roads Projects include a complete streets approach to the planning and design of various planned road works that may include pavement and structure rehabilitation, as well as pedestrian and cycling, transit, street lighting, safety, noise wall, drainage and other roadway infrastructure improvements. There are no Integrated Roads Projects planned in Ward 1 this year.

Bridge, Culvert and Retaining Wall Renewals

The Bridge, Culvert and Retaining Wall program focuses on structural rehabilitations and replacements. For structures over watercourses, the Stormwater Team is consulted on needs or opportunities for hydraulic improvements to reduce flooding risks. The following projects are planned in Ward 1 this year.

Project Location	Project Type	Phase
008013 – Pinetree Way over Stavebank Creek Culvert	Culvert Investigation and Rehabilitation	Detailed Design Phase
008000 – Lakeshore Road over The Credit River	Structure Investigation	Detailed Condition Survey/Underwater Investigation Environmental Assessment
007001 – Atwater Avenue over Cooksville Creek	Structure Investigation	Barrier Evaluation Investigation of South Fascia Cracking Deck Condition Survey
008006 – Indian Valley Trail over Mary Fix Creek	Structure Investigation	Deck Condition Survey
014006 – North Service Road over Cooksville Creek	Structure Investigation	Deck Condition Survey
007000 – Lakeshore Road East over Cooksville Creek	Structure Minor Rehabilitation	Design

The culvert on Pinetree Crescent over Stavebank Creek has a number of deficiencies requiring rehabilitation. A structural evaluation and detailed design are being completed in 2025 to determine if the culvert should be lined or replaced with the rehabilitation work anticipated to follow in 2025. Additionally, there are five other structures undergoing various structural investigations and one structure (Lakeshore Road East over Carolyn Creek) that will have some minor rehabilitation work completed on it in 2025. The investigations are expected to result in other identified rehabilitative work that will be scheduled in future years as timing and budget allow.

Active Transportation Structures

Active transportation structures typically include bridges or tunnels across major barriers, such as highways, railways and rivers. New crossing priorities have been identified in the Cycling Master Plan. There are three active transportation structure projects in Ward 1 this year.

Project Name	Project Type / Phase
Port Credit Active Transportation Bridge	New Bridge / Construction
QEW Active Transportation Crossing over the Credit River*	New Bridge / Construction
Stavebank Road Active Transportation Bridge over the QEW*	New Bridge / Construction

*Indicates projects that are carried over from previous years.

Cycling Infrastructure Improvements

Mississauga's Cycling Master Plan is being updated to identify priorities for cycling infrastructure improvements in the City. Examples of cycling infrastructure include protected bike lanes, cycle tracks and multi-use trails within the road right-of-way. No cycling infrastructure improvement projects are planned in Ward 1 for 2025.

Multi-Use Trail Rehabilitation

The City's Multi-Use Trail Rehabilitation program is focused on renewing existing multi-use trails within the road right-of-way based on condition and in coordination with other projects in the area. Multi-use trail renewal work can range from resurfacing to full reconstruction. No multi-use trail renewal projects are planned in Ward 1 this year.

New Sidewalk Program

Mississauga's Pedestrian Master Plan has identified the needs, locations and priorities for pedestrian infrastructure improvements in the city. Projects in the annual Sidewalk Infill Program focus on filling in gaps in the network to improve safety, accessibility and connectivity for pedestrians. No sidewalk infill projects are planned in Ward 1 this year.

Noise Wall Replacements and Upgrades

Candidates for the Noise Wall Replacement program have been assessed based upon their existing condition, safety considerations, construction schedules and installation criteria. Noise walls scheduled for replacement are those in poor condition and which meet the installation criteria set out in Policy 09-03-03. No noise wall replacement projects are planned in Ward 1 this year.

The upgrading of privacy fences to noise walls can be done in coordination with a major road or integrated road project or as a standalone improvement project, provided that the proposed noise wall meets the installation criteria set out in Policy 09-03-03. No noise wall upgrade projects are planned in Ward 1 this year.

Intersection Improvements

The Intersection Improvement Program focuses on geometric changes to improve safety, traffic flow and capacity, such as additional turning or through lanes, typically in conjunction with traffic signal improvements for vehicles, pedestrians and/or cyclists. There are no intersection improvement projects planned in Ward 1 this year.

Rapid Transit Projects

Mississauga's Strategic Plan identifies the need to build higher order (rapid) transit corridors in the city. Rapid transit corridors typically include new dedicated transit lanes, multi-modal integration, and cycling infrastructure. The City's current rapid transit program includes four main projects, some of which are split into separate projects – the Hurontario Light Rapid Transit (LRT) (implementation led by Metrolinx), the Lakeshore Higher Order Transit (HOT) corridor, the Dundas Bus Rapid Transit (BRT) corridor and the Downtown Mississauga Terminal and Transitway Connection. The Hurontario LRT is well under construction, scheduled for completion in late 2025. Implementation funding has been approved for the Lakeshore BRT and Dundas BRT Mississauga East through the Investing in Canada Infrastructure Program (ICIP). Project timelines for construction are currently under development. The remaining projects have approved funding to undertake environmental assessment and preliminary design studies. The rapid transit projects which fall within Ward 1 are summarized in the following table.

Project Name	Project Type	Ward
* Hurontario LRT (Hazel McCallion Line) - Implementation led by Metrolinx	Design/Construction	Ward 1, 4, 5, 7
Lakeshore Bus Rapid Transit (BRT) - East Avenue to Etobicoke Creek	Design	Ward 1
Dundas Bus Rapid Transit (BRT) Mississauga East – Confederation Parkway to Etobicoke Creek	Design	Wards 1, 3, 4, 7

*This project is not reflected on the Road and Stormwater Capital Plan Map.

Road Safety Projects

Road Safety Projects include the installation of Pedestrian Crossovers and Traffic Calming measures. The installation of traffic calming measures requires the assessment of the City's roadways for traffic safety issues and the potential installation of physical measures such as speed humps and raised pedestrian crossings. These projects often require public consultation prior to project approval. Project updates on all traffic calming projects can be found on the City's [website](#). There is no Road Safety project planned for Ward 1 this year.

Street Light Replacements

The Street Light Replacement Program addresses old streetlighting infrastructure that is in critical condition and in need of replacement. The program includes the replacement of Erindale style streetlight poles. The Erindale style poles, which only exist in Wards 8, 9 and 11, are made of steel and buried directly in the ground. The metal poles deteriorate because of their exposure to salt and other ground minerals. No streetlight pole replacement projects are planned for Ward 1 this year.

Traffic Signal Installations

The need for the installation of a new traffic control signal is determined when signal warrant criteria are satisfied, when traffic conditions have changed significantly rendering the existing form of traffic control inefficient, and/or when imminent adjacent development indicates that signalization will be required. One new traffic signal installation is planned for Ward 1 this year, as part of the Port Credit Active Transportation Bridge project.

Project Name	Location
New Signal installation	Mississauga Road at Front Street North

Traffic Signal Modernization

Existing traffic signals are modernized when the age of traffic signal equipment and the anticipated increased maintenance indicate that upgrades and/or replacements of the existing traffic signal infrastructure are required. No new Traffic Signal Modernization projects are planned for Ward 1 this year.

Environmental Site Management

This program includes conducting environmental studies, site inspections, monitoring programs and remediation of contamination in soil and/or groundwater on City-owned lands, including road allowances, easements, parks, hazard lands and municipal facilities. The primary objectives of work conducted under this capital program are to ensure that the City-owned lands are safe for the intended uses, limit the liability of the Corporation, and are not causing negative impacts to the natural environment. There is one environmental management project planned in Ward 1 this year.

Project Location	Project Type (Phase)
Laughton Heights Park (1519 Sherway Dr.)*	Soil Remediation / Environmental Study*

* Indicates that the project was carried over from the previous year.

The activities proposed in this project involve the collection of soil samples using hand-held equipment and heavy equipment for excavation of two limited areas. Short-term noise disturbance during normal business hours is expected.

Stormwater Projects

The Stormwater Capital Plan includes watercourse improvements, storm sewer and drainage improvements, stormwater management facilities and improvements, stormwater studies and stormwater low impact development (LID) enhancements within the road right-of-way. Projects

are identified by our stormwater monitoring, evaluation and maintenance programs as well as recommendations from various studies. Projects are prioritized based on city-wide needs and asset management strategies and are coordinated with other City projects, the Region of Peel, utility companies and development pressures to the extent possible and practical.

Watercourse Improvements

Projects in the Watercourse Improvements program primarily focus on the stabilization and rehabilitation of watercourses across the City to mitigate erosion hazards and protect property, infrastructure and public safety. The design and implementation of these projects are typically preceded by the completion of a Class Environmental Assessment (EA). There are four watercourse improvement projects planned in Ward 1 this year.

Project Location	Project Type (Phase)
COOK-0100: Cooksville Creek – South of Lakeshore Rd East*	Erosion Control (Design)*
COOK-0200: Cooksville Creek - Cawthra Creek Diversion, North of Lakeshore Road E	Erosion Control (EA/ Design)
CAWT-0200: Cawthra Creek through Dellwood Park	Erosion Control (EA/ Design)
Various Locations – Wards 1, 5, 7, 8, 11**	Minor Creek Erosion Restoration (Design)**

* Project carried over from previous year.

** Project not reflected on the Road and Stormwater Capital Plan Map

Storm Sewer & Drainage Improvements

The City's storm sewer network collects, conveys and discharges stormwater runoff. The system is comprised of linear assets such as pipes and point assets such as maintenance holes and catch basins. Projects in this program include assessment, design and implementation to maintain and renew the storm sewer network. There are four storm sewer and drainage improvement projects planned for Ward 1 this year.

Project Location	Project Type (Phase)
Port Credit Active Transportation Bridge*	Storm Sewer Renewal (Study/ Design)*
Mattawa Ave., Wharton Glen Ave., Wharton Way, Goldenridge Rd.*	Storm Sewer Renewal (Design/ Construction)*
Railroad Bridge over Cooksville Creek (between Lakeshore Rd E & Atwater Ave)**	Railroad Bridge Replacement/ Drainage Improvement Contributions (Design)**
Port Credit	Drainage Improvements (Design)

* Indicates that the project was carried over from the previous year.

**Indicates that this project is being led by Metrolinx

Stormwater Management Facilities & Improvements

Projects in this program include the design and implementation of new Stormwater Management (SWM) facilities and retrofit of existing facilities for additional flood relief and water quality. Typical improvements include dredging and rehabilitation works to maintain infrastructure as well as water quality and quantity function. There are no stormwater management facility projects planned for Ward 1 this year.

Stormwater Studies

This includes the completion of flood evaluation studies, erosion control studies, master drainage plans and other planning studies. Planning and asset management studies allow staff to prioritize capital projects and to improve the organization and management of stormwater infrastructure assets. Flood evaluation studies aid in the identification of infrastructure needs and the recommendation of future capital projects. There are no stormwater studies planned in Ward 1 this year.

Stormwater LID Enhancements

The Stormwater Program also includes funding for Low Impact Development (LID) enhancements to be constructed within the road right-of-way where opportunities arise. Common LID techniques include enhanced vegetated swales and bio-retention features that promote infiltration and/or filtration. No LID projects are planned in Ward 1 this year.

Roads and Stormwater Communications Strategy

In partnership with the Strategic Communications Team, the Roads and Stormwater service areas are committed to improving and simplifying communications for infrastructure construction projects. This work includes developing consistent messaging for construction notice letters, improving construction project signage, clarifying communication channels and processes, and increasing public engagement through surveys and additional touch points with notice letters.

The City is planning communications to ensure residents, businesses and commuters are aware of the 2025 construction season and where to find information on construction projects. For information about planned construction works within the city, please visit the 'Construction Map' on the City's website.

The Field Ambassador Program, introduced in 2021, will continue in 2025 to improve how the City communicates with residents and businesses about construction projects taking place in their neighbourhoods. The Field Ambassador will have a presence at the construction sites, particularly on our Road Rehabilitation projects, and will be available for residents and businesses by phone or email to ask questions, share their feedback and get more information on the project.

Closing

If you have any questions regarding the Road Safety, Traffic Signal or Streetlighting projects within your ward, please contact Colin Patterson, Director, Traffic Management and Municipal Parking, at extension 5145.

If you have any questions regarding the Rapid Transit projects within your ward, please contact Joe Perrotta, Director, Rapid Transit Program Office, at extension 5125.

If you have any questions regarding any of the remaining Road and Stormwater projects, please contact Emma Calvert, Director, Infrastructure Planning and Engineering Services, at extension 4343.

Copies circulated to:

Sam Rogers, Commissioner of Transportation and Works

Attachment:

2025 - Ward 1 Roads and Stormwater Capital Plan Map

WARD 1

2025 ROADS AND STORMWATER CAPITAL PLAN

Major Road Improvements

Integrated Road Project

New Railway Grade Separation

New Bridge/Culvert/Retaining Wall Structures

Environmental Assessment Study/Design

Bus Rapid Transit TPAP/EA Studies

Road Rehabilitation

Bridge/Culvert/Retaining Wall Repairs

Bridge/Culvert/Retaining Wall Study/Design

Intersection Improvements

Active Transportation Bridge

Active Transportation Bridge Study/Design

Cycling Infrastructure

Cycling Infrastructure Design

New Sidewalk Program

Noise Wall Program

Noise Wall Study/Design

Environmental Site Assessment/Remediation

Traffic Signal Infrastructure

Erindale Pole Replacement

Street Light Pole Replacement

Pedestrian Crossover

Traffic Calming

Stormwater Facility Works

Stormwater Facility Study/Design

Storm Sewer Works

Storm Sewer Study/Design

Storm Sewer Assessments

Watercourse Erosion Control

Watercourse Erosion Control Study/Design

LID Enhancements

LID Enhancements Study/Design

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SCALE 1:15000

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Meters



Produced by CPS, Geospatial Solutions

The map displays Ward 1, showing a network of roads and planned capital projects for 2025. The legend is divided into two main sections: Road Capital Plan and Stormwater Capital Plan.

Road Capital Plan Legend:

- Major Road Improvements (Red line)
- Integrated Road Project (Red dashed line)
- New Railway Grade Separation (Red circle)
- New Bridge/Culvert/Retaining Wall Structures (Pink square)
- Environmental Assessment Study/Design (Pink dashed line)
- Bus Rapid Transit TPAP/EA Studies (Yellow arrow)
- Road Rehabilitation (Red line)
- Bridge/Culvert/Retaining Wall Repairs (Red square)
- Bridge/Culvert/Retaining Wall Study/Design (Red dashed square)
- Intersection Improvements (Red circle with cross)
- Active Transportation Bridge (Green line)
- Active Transportation Bridge Study/Design (Green dashed line)
- Cycling Infrastructure (Blue line)
- Cycling Infrastructure Design (Blue dashed line)
- New Sidewalk Program (Purple line)
- Noise Wall Program (Pink line)
- Noise Wall Study/Design (Pink dashed line)
- Environmental Site Assessment/Remediation (Green square with 'E')
- Traffic Signal Infrastructure (Green square with 'T')
- Erindale Pole Replacement (Green line with cross)
- Street Light Pole Replacement (Green square with cross)
- Pedestrian Crossover (Green line with cross)
- Traffic Calming (Blue line with cross)

Stormwater Capital Plan Legend:

- Stormwater Facility Works (Blue circle with 'S')
- Stormwater Facility Study/Design (Blue dashed circle with 'S')
- Storm Sewer Works (Blue circle)
- Storm Sewer Study/Design (Blue dashed circle)
- Storm Sewer Assessments (Blue line)
- Watercourse Erosion Control (Blue line)
- Watercourse Erosion Control Study/Design (Blue dashed line)
- LID Enhancements (Green circle)
- LID Enhancements Study/Design (Green dashed circle)

Map Features:

- Scale: 1:15000
- Scale bar: 0 to 500 Meters
- North arrow pointing towards the top right.
- Map showing various roads and planned projects in Ward 1.