

City of Mississauga

Briefing Note



Date: 2025/05/05

To: Councillor Joe Horneck
Ward 6

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Subject: 2025 Roads and Stormwater Capital Plan for Ward 6 - Updated

The purpose of this briefing note is to provide an overview of the roads and stormwater projects planned for Ward 6 in 2025. These projects are also illustrated on the attached Ward 6 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. No road rehabilitation projects are planned in Ward 6 this year.

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 roads 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 6 this year.

Integrated Roads Projects

The Integrated Roads Program seeks to improve the coordination of City road 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 is one integrated roads project planned in Ward 6 this year.

Project Location	Project Type
The Credit Woodlands (adjacent to Bert Fleming Park)	Design ongoing with construction in 2025

Bridge, Culvert and Retaining Wall Renewal

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 structure projects are planned in Ward 6 this year.

Project Location	Project Phase	Status
038001 - Main Street Bridge over The Credit River	Structure Assessment	Environmental Assessment
Dundas Street Retaining Walls between Mississauga Road and The Credit Woodlands (North Side)	Retaining Wall Construction	Construction ongoing. Expected to be completed in 2025.
*Southwest corner of Mavis Road and Dundas Street West	Slope Stabilization	Design & Construction

Project Location	Project Phase	Status
*024002EB – Burnhamthorpe Road West (Eastbound) over Mullet Creek	Structure Rehabilitation	Construction scheduled for 2025.
*024002WB – Burnhamthorpe Road West (Westbound) over Mullet Creek	Structure Rehabilitation	Construction scheduled for 2025.
030000 – Mavis Road over Centre View Drive	Structure Investigation	Deck Investigation for Cracking
038005 – Carolyn Road over Carolyn Creek	Structure Minor Rehabilitation	Design
038007 – Bristol Road West over Carolyn Creek	Structure Minor Rehabilitation	Design

*Structure is outside of ward, but road impact is expected to extend into ward boundary

There is a variety of work occurring in Ward 6 in 2025 for bridge, culvert, and retaining wall structures. This work ranges from a deck investigation for a structure on Mavis Road over Centre View Drive, an environmental assessment for the Main Street Bridge, design and minor rehabilitation of three (3) structures, and the construction phases of several larger projects, detailed below.

A detailed condition assessment has been completed for the Main Street over Credit River structure. An environmental assessment study has been started to support the planned replacement and expansion of the structure in a future budget year. Additionally, rehabilitation work is underway for the separated east- and west-bound structures on Burnhamthorpe Road West at the Mullet Creek crossing of the Credit River. A structural engineering consultant has evaluated the condition of these structures and has identified remedial works required at this time to extend their service life. Design is being completed in early 2025 with construction anticipated to immediately follow.

Stabilization of the roadside slope in the southwest corner of the intersection of Mavis Road and Dundas Street West is currently finishing up the design phase, while construction is expected to start immediately afterwards and achieve completion in 2025.

Two sections of retaining walls along Dundas Street West east of the Credit River are in the process of being replaced and the slope stabilized, with the affected sidewalks also replaced and reopened to the public following construction. In order to provide pedestrians with an alternative route, minor sidewalk upgrades have been completed on the south side. Construction is anticipated to be completed in 2025.

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. No active transportation structure projects are planned for Ward 6 this year.

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. At this time, no cycling infrastructure improvement projects are planned in Ward 6 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 6 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 6 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. A noise wall replacement on the north side of Burnhamthorpe Road between Perivale Rd and Grand Park Dr will undergo detail design in 2025.

Street Name	From	To
Burnhamthorpe Road	Perivale Rd	Grand Park Dr

Upgrading 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 6 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 6 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. None of the rapid transit projects fall within Ward 6.

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 city roadways for traffic safety issues and the potential installation of physical measures, such as speed cushions, split 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](#). Road Safety projects planned for Ward 6 this year.

Street Name / Location	Project Type	Status
The Credit Woodlands	Traffic Calming	Public Consultation
McBride Avenue	Traffic Calming and PXO	Public Consultation
River Grove Avenue	PXO	Scheduled for Construction

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 street light pole replacement projects are planned for Ward 6 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. No new traffic signal installation planned for Ward 6 this year.

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. There are two traffic signal modernization projects planned in Ward 6 this year.

Project Name	Intersection
2025 Supply Install Modernize Program – Rebuild	Mavis Road at Rathburn Road West
*2024 Supply Install Modernize Program - Rebuild	*Burnhamthorpe Road West at Wolfedale Road

*Indicates that the project was carried over from a previous 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 site management project planned for Ward 6 this year.

Project Location	Project Type (Phase)
3240 Mavis Rd	Groundwater Quality Monitoring Program (Study)

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 citywide 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. There are three watercourse improvement projects planned for Ward 6 this year.

Project Location	Project Type (Phase)
CARO-0100: Carolyn Creek - Outlet to Credit River*	Erosion Control (Design)*
WOLF-0100/0200/0300: Wolfedale Creek Burnhamthorpe Rd W to Credit River*	Erosion Control (Design)*
CRED-0700: Credit River - Dundas St. W to Hwy. 403*	Erosion Control (Design/Construction)*

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

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 is one storm sewer project planned in Ward 6 this year.

Project Location	Project Type (Phase)
Adjacent to 4177 Lastrada Heights	Storm Sewer Repair (Construction)

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. No stormwater management facility projects are planned in Ward 6 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 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 is one stormwater study planned for Ward 6 this year.

Project Location	Project Type (Phase)
Various Locations – Wards 2, 3, 5, 6, 7, 8, 9, 10, 11**	Storm Pond Sediment Survey (Study)**

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

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 within the right-of-way include enhanced vegetated swales and bio-retention features that promote infiltration and/or filtration. No LID projects are planned in Ward 6 this year.

Roads and Stormwater Infrastructure 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 6 Roads and Stormwater Capital Plan Map

