

City of Mississauga

Briefing Note



Date: 2024/04/01

To: Councillor Matt Mahoney
Ward 8

From: Sam Rogers
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Subject: 2024 Roads and Stormwater Capital Plan for Ward 8

The purpose of this briefing note is to provide an overview of the roads and stormwater projects planned for Ward 8 in 2024. These projects are also illustrated on the attached Ward 8 Roads and Stormwater Capital Plan Map.

Roads Projects

The Roads Capital Plan includes roadway rehabilitation, major roads improvements, integrated road 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 2024 city-wide budget for roadway rehabilitation is \$39.9 million. With the streets carried over from 2023, this

year's construction program includes 35.3 km of road surface, affecting 49 streets across the City. The table below summarizes the streets planned for rehabilitation in Ward 8 this year.

Street Name	From	To
Cornish Road	Winston Churchill Boulevard	Loyalist Drive
East Park Court	Stratton Woods Gate	Road End
Mississauga Road	Eckland Court	Eglinton Avenue West
Split Maple Gate	Council Ring Drive	Winston Churchill Boulevard
Stratton Woods Court	Stratton Woods Gate	Road End
Stratton Woods Gate	Cornish Road	Stratton Woods Court
The Collegeway*	Winston Churchill Boulevard	Mississauga Road
Winston Churchill Boulevard	Dundas Street West	Cornish Road
Total	8 Streets	7.7 km

* Project carried over from the previous year and part of Integrated Road Project.

Major Roads Improvements

Projects in the Major Roads Program include new roads, road widening's, 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. No major roads project are being undertaken in Ward 8 this year.

Integrated Road Projects

The Integrated Roads Program seeks to improve the coordination of City road projects and reduce construction costs and nuisance/fatigue for local residents by bundling planned road improvement projects into a single construction project. Integrated Road Projects include a complete streets approach to the planning and design of various planned road improvements 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 project planned for Ward 8 this year.

Project Name	Project Type
The Rehabilitation of The Collegeway (Winston Churchill Boulevard to Mississauga Road)*	Under Construction

* Project carried over from the previous year and part of Integrated Road Project.

The Rehabilitation of The Collegeway project is currently under construction and includes road rehabilitation, the installation of cycle tracks from Winston Churchill Boulevard to the east leg of South Millway, new traffic signals, new streetlights and utility relocations.

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 bridge projects are planned for Ward 8 this year.

Project Location	Project Type	Update
Burnhamthorpe Road West Bridges over Credit River- Eastbound & Westbound	Construction	Construction ongoing, completion anticipated in 2024.
Burnhamthorpe Road West Bridges over Mullet Creek- Eastbound & Westbound	Design	Design to be completed in 2024. Construction anticipated in 2025.

Rehabilitation work is underway for the separated structures on Burnhamthorpe Road West at both the Credit River and Mullet Creek crossings. 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. Construction on the Credit River structures is ongoing with completion anticipated in December of 2024, while the Mullet Creek structure is expected to complete the design in 2024 and start construction 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. There is one active transportation structure project planned in Ward 8 this year.

Project Name	Project Type
Active Transportation Crossing over the Credit River (QEW)	Construction, led by MTO

Cycling Infrastructure Improvements

Mississauga's Cycling Master Plan has identified the needs, locations and priorities for cycling infrastructure improvements in the City. Examples include protected bike lanes, cycle tracks and multi-use trails within the road right-of-way. There are four construction projects scheduled for cycling infrastructure in Ward 8 this year.

Street Name	From	To	Type	Length
Eglinton Avenue West	Metcalfe Avenue	Driveway east of Metcalfe Avenue	Multi-Use Trail (south side)	0.2 km
Mississauga Road	Eglinton Avenue West	Bridlepath Trail	Bicycle Lanes	1.5 km
Winston Churchill Boulevard*	Highway 403 South to East Ramp	Unity Drive / Unity Gate	Multi-Use Trail (west side)	0.5 km
Winston Churchill Boulevard	90 m north of Burnhamthorpe Road West	Cornish Road/Split Maple Gate	Multi-Use Trail (west side)	0.5 km

* Project carried over from the previous year.

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 8 this year.

Sidewalk Infill 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. The following sidewalk infill projects are planned in Ward 8 this year.

Street Name	From	To	Side / Length
Eglinton Avenue West	Ninth Line	Ridgeway Drive	South / 655 m
Laird Road	Vega Boulevard	End	South / 1950 m
Mississauga Road	Eckland Court	Queensborough Gate	East / 470 m
Mississauga Road	Badminton Drive	Tattersall Way	West / 305 m
Vega Boulevard	Laird Road	Dundas Street West	West / 180 m

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. There is one noise wall upgrade project planned in Ward 8 this year.

Street Name	From	To	Side / Length
Dundas Street West	2671 Hammond Road	2689 Hammond Road	South / 68 m

The upgrading of 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. A noise wall upgrade project on the east side of Winston Churchill Boulevard from Burnhamthorpe Road West to Unity Drive is currently in the early design stage. Notification and Consent to Enter (CTE) agreement letters will be sent to all affected residents this year ahead of construction which is anticipated to start in the summer of 2025.

Street Name	From	To	Side/ Length
Winston Churchill Boulevard	Burnhamthorpe Road West	Unity Drive	East / 573 m

Intersection Improvements

The Intersection Improvement Program focuses on geometric changes to improve safety, traffic flow and capacity, such as such as additional turning or through lanes, typically in conjunction with traffic signal improvements for vehicles, pedestrians and/or cyclists. No intersection improvement projects are planned for Ward 8 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 2024. 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 project which falls within Ward 8 is summarized in the following table.

Project Name	Project Type	Ward
Dundas Bus Rapid Transit (BRT) Mississauga West – Cooksville to West City limit	EA Study / TPAP Study	Wards 2, 6, 7, 8

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 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 one road safety project planned for Ward 8 this year.

Street/Location	Project Type	Status
Colonial Drive, from Unity Drive to Laird Road	Traffic Calming Measures	Recommended – Council Approval Pending

Street Light Replacements

The Street Light Unit is undertaking to replace all existing High Pressure Sodium (HPS) luminaires with Light Emitting Diode (LED) luminaires at underpasses throughout the City. The following locations are within Ward 8 boundaries and will be replaced with LED lighting.

Underpass Location	Number of Lights	Status
Southdown Road at QEW	40	Council Approved Budget

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 projects are planned in Ward 8 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 for Ward 8 this year.

Intersection	Type
Burnhamthorpe Road West at Glen Erin Drive*	Traffic Signal Modernization
Burnhamthorpe Rd W at South Millway	Traffic Signal Modernization

* Indicates that the project was carried over from the 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. No environmental site management projects are planned in Ward 8 this year.

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 (EA). There are three watercourse improvement projects planned for Ward 8 this year.

Project Name	Project Type
Sawmill Creek Erosion Control - The Folkway to Erin Mills Parkway*	Design/Construction
Sawmill Creek Erosion Control - Erin Mills Parkway to The Collegeway*	EA & Design
Credit River Erosion Control - Dundas St. to Hwy. 403*	EA & Design

* Project carried over from 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 for Ward 8 this year.

Project Name	Project Type
Storm Sewer Cross Connection Re-connection - Stratton Woods Court	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. There is one stormwater management project planned for Ward 8 this year.

Project Name	Project Type
SWM Pond Dredging & Rehabilitation (SWMF 2401) – Southeast of Burnhamthorpe Road & Mississauga Road*	Design

* Project carried over from previous 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. No stormwater studies are planned for Ward 8 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 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 8 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 2024 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 2024 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 Andy Harvey, Director, Traffic Management and Municipal Parking, at extension 5118.

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 Sam Rogers, Director, Infrastructure Planning and Engineering Services, at extension 5086.

Copies circulated to:

Geoff Wright, Commissioner of Transportation and Works

Attachment:

2024 - Ward 8 Roads and Stormwater Capital Plan Map

WARD 8
2024 ROADS AND STORMWATER CAPITAL PLAN

- ROAD 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 Study/Design
 - Intersection Improvements
 - 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 CAPITAL PLAN**
- 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

SCALE 1:15000

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