

City of Mississauga

Briefing Note



Date: 2025/05/02

To: Councillor Natalie Hart
Ward 5

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Subject: 2025 Roads and Stormwater Capital Plan for Ward 5

The purpose of this briefing note is to provide an overview of the roads and stormwater projects planned for Ward 5 in 2025. These projects are also illustrated on the attached Ward 5 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 5 this year.

Street Name	From	To
Champlain Trail	Ceremonial Drive	Ceremonial Drive
Esprit Crescent	Ceremonial Drive	Ceremonial Drive
Galaxy Court	Guildwood Way	Road end
Mariner Court	Galaxy Court	Road end
Matheson Boulevard	Matheson Boulevard East	Eglinton Avenue East
Northern Lights Circle	Guildwood Way	Road end
Savoy Crescent	Ceremonial Drive	LaFayette Drive
Total	7 Streets	3.6 km

Major Roads Improvements

Projects in the Major Roads program include new roads, road widenings, multi-modal integrations, grade separations from railway corridors, and other improvements to the major roads network. Typically, a Municipal Class Environmental Assessment (EA) study is completed for each project prior to proceeding to design and construction. The following table summarizes the major road improvement projects that are ongoing in Ward 5 this year.

Street Name	From	To	Project Type
Goreway Drive Grade Separation- Road	Brandon Gate Drive	Kenview Boulevard (Brampton)	Construction
Goreway Drive Grade Separation- Structure	South of CNR Tracks	North of CNR Tracks	Construction
Torbram Road – Sewer Tunneling	Rena Road	Kimbel Street	Design

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 lightning safety, noise wall, drainage and other roadway infrastructure improvements. There are three Integrated Roads Projects planned in Ward 5 this year, summarized in the table below.

Project Location	Project Type/Phase
McLaughlin Road from Bristol Road West to Britannia Road West	Design to commence.
Matheson Boulevard from Mavis Road to McLaughlin Road	Design to commence. Permanent easement agreements (ongoing).
Morning Star Drive from Goreway Drive to Darcel Avenue (east)	Study to commence 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 projects are planned in Ward 5 this year.

Project Location	Project Type	Update
049000 – Scarboro Street over West Branch Mimico Creek	Structure Rehabilitation	Detailed Design & Construction
070060R – Eglinton Avenue, East of Maingate Drive	Structure Rehabilitation	Detailed Design & Construction
070070R – Eglinton Avenue, West of Maingate Drive	Structure Rehabilitation	Detailed Design & Construction
035003 – Britannia Road East over Etobicoke Creek	Structure Investigation	Concrete Substructure Condition Survey
*044000 – McLaughlin Road over Fletchers Creek	Structure Investigation	Investigation of Wing Wall Rotation/Settlement
048002 – Lancaster Avenue over West Branch Mimico Creek Tributary	Structure Investigation	Barrier Evaluation
026005TR – Eglinton Avenue East over Mississauga Transitway	Structure Investigation	Investigation of Horizontal Cracking of the Legs
027000 – Eglinton Avenue East over Little Etobicoke Creek	Structure Investigation	Deck Condition Survey
029000 – Eglinton Avenue West over Cooksville Creek	Structure Investigation	Deck Condition Survey
035003 – Britannia Road East over Etobicoke Creek	Structure Investigation	Deck Condition Survey
042000 – Courtney Park Drive East over West Branch Etobicoke Creek	Structure Minor Rehabilitation	Design

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

A detailed condition survey has been completed for the culvert on Scarboro Street over the west branch of Mimico Creek. Detailed design work is currently underway with construction to follow,

in Summer 2025. Also, there are 2 retaining walls on either side of the intersection of Eglinton Avenue and Maingate Drive classified as major walls that are currently being designed for replacement, and one structure on Courtneypark Drive that is scheduled for a minor rehabilitation following design.

Additionally, there are seven (7) structures in Ward 5 that are slated for further investigation. These investigations range from full condition surveys of the entire structure to component-specific investigations such as deck condition surveys. These 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 no active transportation structure projects planned in Ward 5 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. The following table summarizes the cycling infrastructure projects planned in Ward 5 this year.

Street Name	From	To	Facility Type	Length
American Drive	Airport Road	Northwest Drive	Bicycle Lanes	1300 m
Explorer Drive	Skymark Avenue	Eglinton Avenue West	Bicycle Lanes	200 m
Orbitor Drive	Explorer Drive	Matheson Boulevard East	Bicycle Lanes	520 m
Skymark Avenue	Spectrum Way	Satellite Drive	Bicycle Lanes	500 m

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 5 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. The following sidewalk improvement projects are planned in Ward 5 this year.

Street Name	From	To	Side	Length
Traders Boulevard East*	Whittle Road	Kennedy Road	North	1080 m
Bren Road*	Rena Road	End	Both	556 m
Maingate Drive	Eglinton Avenue	Matheson Boulevard East	East	1000 m

*Indicates projects that are carried over from previous years.

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 5 this year.

Upgrading privacy fences to noise walls can be done in coordination 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 5 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 is one intersection improvement project planned in Ward 5 this year.

Project Name	Project Type
Darcel Avenue and Dunrankin Drive	Construction

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 project which falls within Ward 5 is summarized in the following table.

Project Name	Project Type	Ward
*Hurontario LRT (Hazel McCallion Line) - Implementation led by Metrolinx	Design/Construction	Wards 1, 4, 5, 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 (PXO) 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](#). There are two Road Safety projects planned for Ward 5 this year.

Project Location	Project Type	Status
Etude Drive	Pedestrian Cross-over	Scheduled for Construction
Nahani Way	Pedestrian Cross-over	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 5 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. There are two new traffic signal installation projects planned for Ward 5 this year.

Project Name	Location
*2024 Supply Install Modernize Program – New Signal	*Courtneypark Drive East at Innovator Drive
New signal installation, supporting development	Eglinton Avenue East at Sorrento Drive / Thornwood Drive

* Indicates that the project was carried over from the previous 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 five traffic signal modernization projects planned in Ward 5 this year.

Project Name	Location
2025 Supply Install Modernize Program – Enhancement	Eglinton Avenue West at Four Springs Drive
2025 Supply Install Modernize Program – Enhancement	Eglinton Avenue West at Fire Hall 120 (West of Four Springs)
2025 Supply Install Modernize Program – Enhancement	Bristol Road at Fairwind Drive/Bellows Avenue
2025 Supply Install Modernize Program – Enhancement	Eglinton Avenue E at Delaware Drive/Huron Heights Dr
*2024 Supply Install Modernize Program – Rebuild	*Tomken Road at Cardiff Boulevard/Gana Court

* 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. There is one environmental site management project planned for Ward 5 this year.

Project Location	Project Type (Phase)
376 Barondale Dr*	Groundwater and Landfill Gas Monitoring Program (Study)*

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

This program will involve the collection of groundwater samples and measurements of groundwater and landfill levels from previously installed monitoring points. It is not anticipated that such activities would cause any noise or other nuisances.

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 5 this year.

Project Location	Project Type (Phase)
MIMI-0600: Mimico Creek upstream and downstream of Rena Road*	Erosion Control (Design)*
MIMI-1200: Mimico Creek - Etude Drive to Derry Road East*	Erosion Control (Design)*
Various Locations – Wards 1, 5, 7, 8, 11**	Minor Creek Erosion Restoration (Design)**

* Indicates the project was carried over from the 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/ drainage improvement projects planned for Ward 5 this year.

Project Location	Project Type (Phase)
Malton Village – Hull St and Cattrick St	Drainage Improvements (Design/ Construction)
960 Britannia Rd East (City easement)	Storm Sewer Repair (Construction)
Subdivision at northwest-corner of Eglinton Ave E & Kennedy Rd*	Relief Well Rehabilitation (Design/ Construction)*
Etude Drive to Justine Drive*	Flood Mitigation Improvements (Design/ Construction)*

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

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 two stormwater management projects planned for Ward 5 this year.

Project Location	Project Type (Phase)
SWMF 3703: Northeast of Eglinton Ave W & McLaughlin Rd (Greyscale Park)*	New Underground Storage Facility (Design)*
SWMF 4302: Northwest corner of Hwy 401 & Hwy 410	SWM Pond Dredging & Rehabilitation (Design)

* Indicates the project was carried over from the 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. There is one stormwater study planned in Ward 5 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 bioretention features that promote infiltration and/or filtration. No LID projects are planned in Ward 5 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.

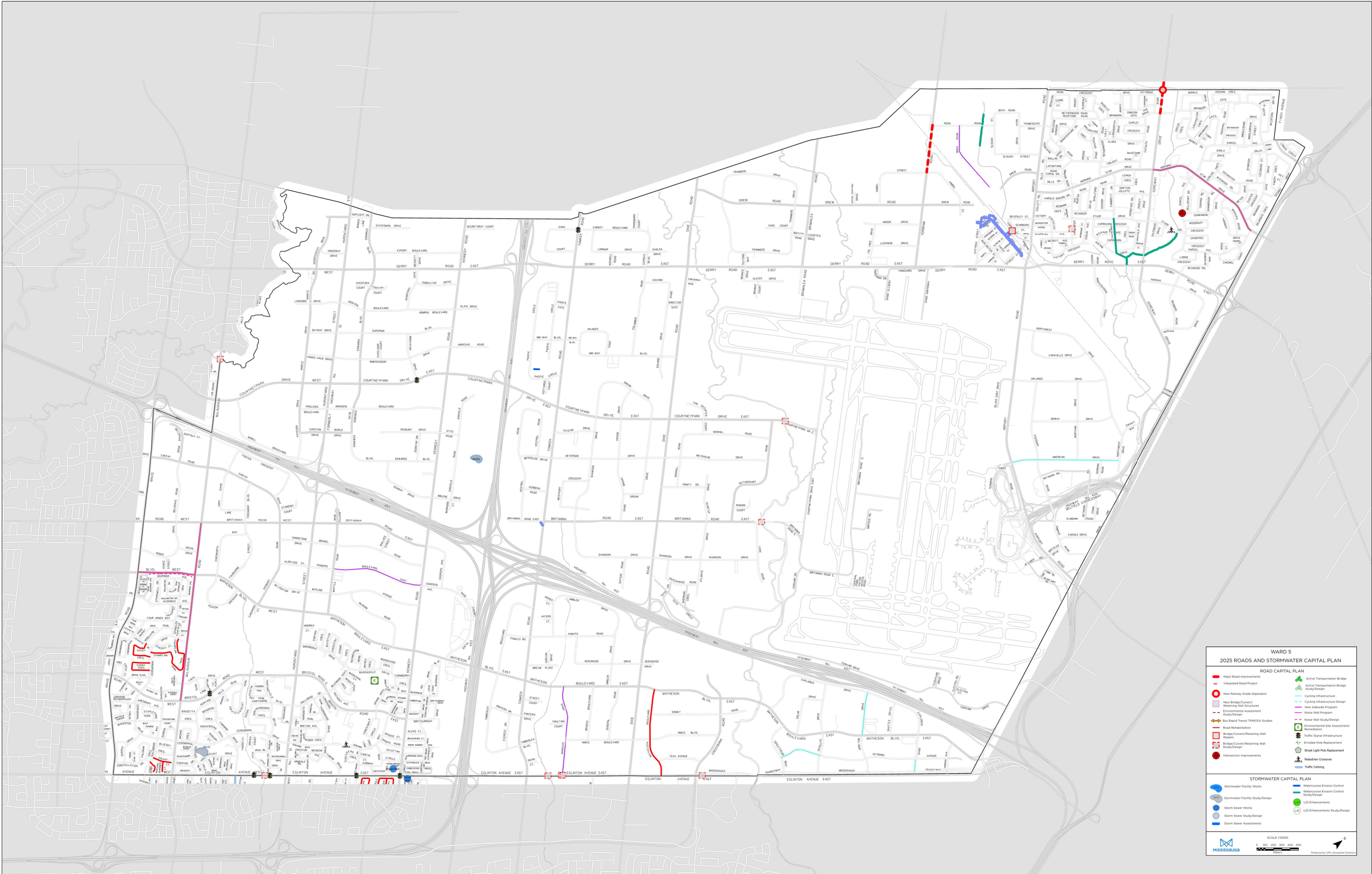
If you have any questions regarding any of the remaining Road and Stormwater projects, please contact Emma Calvert, Director, Infrastructure Planning and Engineering Services, at extension 4343.

Copy circulated to:

Sam Rogers, Commissioner of Transportation and Works

Attachment:

2025 - Ward 5 Roads and Stormwater Capital Plan Map



WARD 5

2025 ROADS AND STORMWATER CAPITAL PLAN

ROAD CAPITAL PLAN

Major Road Improvements

New Railway Grade Separation

New Bridge/Culvert/Retaining Wall Structures

Environmental Assessment Study/Design

Road Rehabilitation

Bridge/Culvert/Retaining Wall Repairs

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

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 Study/Design

L/D Enhancements

L/D Enhancements Study/Design

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