

City of Mississauga

Briefing Note



Date: 2024/04/01

To: Councillor Joe Horneck
Ward 6

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Subject: 2024 Roads and Stormwater Capital Plan for Ward 6

The purpose of this briefing note is to provide an overview of the roads and stormwater projects planned for Ward 6 in 2024. 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 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. No road rehabilitation projects are planned in Ward 6 this year.

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 road improvement projects are underway or planned in Ward 6 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 road project that is planned in Ward 6 this year.

Project Location	Project Type
The Credit Woodlands (adjacent to Bert Fleming Park)	Study

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
Burnhamthorpe Road West Bridges over Credit River- Eastbound and Westbound	Construction	Construction ongoing, completion anticipated in 2024.
*Burnhamthorpe Road West Bridges over Mullet Creek- Eastbound and Westbound	Design	Design to be completed in 2024, construction anticipated in 2025.
Dundas Street West Retaining Wall East of the Credit River (North Side)	Design/ Construction	Construction anticipated in 2024 with completion in 2025.

Project Location	Project Phase	Status
Dundas Street West Retaining Wall East of Proudfoot Street (North Side)	Design/ Construction	Construction anticipated in 2024 with completion in 2025.
Main Street over Credit River	Condition Assessment Studies	Detailed assessment studies to be completed in 2024 with EA study to follow.

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

Rehabilitation work is underway for the separated east- and west-bound 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 design in 2024 and start construction in 2025. Finally, a detailed condition assessment has further studies to complete for the Main Street over Credit River structure with the work expected to be completed in 2024. An environmental assessment study will follow. Two sections of retaining walls along Dundas Street West east of the Credit River will be 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 start in 2024 and 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 has identified the needs, locations and priorities for cycling infrastructure improvements in the City. Examples include protected bike lanes and multi-use trails within the road right-of-way. There are no cycling infrastructure projects planned in Ward 6 this 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. There is one multi-use trail reconstruction project planned in Ward 6 this year.

Street Name	From	To	Type	Length
Burnhamthorpe Road West	200 m west of Mavis Road	Mavis Road	Multi-Use Trail reconstruction (north side)	0.2 km

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. 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. No noise wall replacement projects are planned in Ward 6 this year.

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 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 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 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 6 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](#). Road Safety projects planned for Ward 6 this year.

Street Name / Location	Project Type	Status
Heatherleigh Avenue	Traffic calming	Recommended – Council Approval Pending
White Clover Way	Traffic calming	Out for public consultation
The Credit Woodlands	Traffic Calming	Proposed

Street Light Replacements

The Street Light Unit is undertaking to replace all existing High Pressure Sodium (HPS) luminaires with Light Emitting Diode (LED) luminaires in underpasses throughout the City. The following locations are within Ward 6 boundaries and will be replaced with LED lighting.

Underpass Location	Number of Lights	Status
Mavis Road at CN Rail Bridge	18	Council Approved Budget
Mavis Road at Centre View Drive	12	Council Approved Budget
Eglinton Avenue West at CP Railway Tracks (West of Creditview Road)	8	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. There is one new traffic signal installation planned for Ward 6 this year.

Street/ Location	Type of Project
Rathburn Rd W of Perivale (Mid-Block)	New Signal Installation

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 traffic signal modernization projects are planned in Ward 6 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. No environmental site management projects are planned for Ward 6 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. There are three watercourse improvement projects planned for Ward 6 this year.

Project Name	Project Phase
Carolyn Creek Erosion Control - Outlet Channel to Credit River*	Design/ Construction
Wolfedale Creek Erosion Control - Burnhamthorpe Road W to Credit River*	EA/Design
Credit River Erosion Control - Dundas St. to Hwy. 403*	EA/Design

*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 Name	Project Phase
Storm Sewer Cross Connection Re-connection – Fallingbrook Drive	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. No stormwater studies are planned for Ward 6 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 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 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.

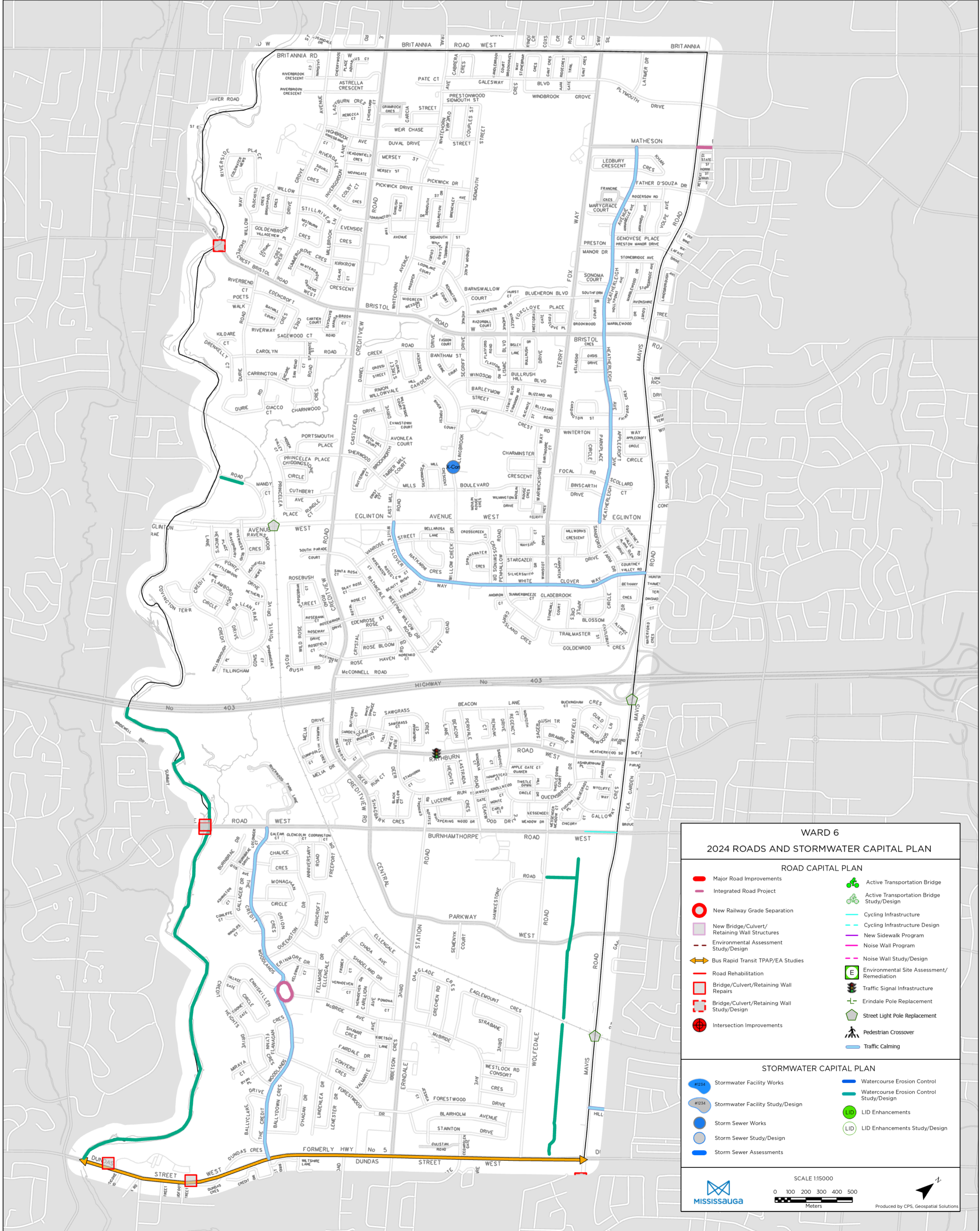
If you have any questions regarding any of the remaining Road and Stormwater projects, please contact Sam Rogers, Director, Infrastructure Planning and Engineering Services, at extension 5086.

Copies circulated to:

Geoff Wright, Commissioner of Transportation and Works

Attachment:

2024 - Ward 6 Roads and Stormwater Capital Plan Map



WARD 6 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 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 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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Meters

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