

# City of Mississauga

## Briefing Note



---

Date: 2022/05/13

To: Carolyn Parrish, Ward 5 Councillor

From: Helen Noehammer  
Director, Infrastructure Planning & Engineering Services

Andy Harvey  
Director, Traffic Management & Municipal Parking

Joe Perrotta  
Director, Rapid Transit Program Office

Subject: 2022 Roads and Stormwater Capital Plan for Ward 5

---

The purpose of this briefing note is to provide an overview of the roads and stormwater infrastructure and assessment works planned for Ward 5 in 2022. These works are also illustrated on the attached Ward 5 Roads and Stormwater Capital Plan Map.

The **Roads Capital Plan** includes roadway rehabilitation, major roads improvements, integrated road projects, bridge and culvert renewal, cycling infrastructure, 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 pavement structure. 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 2022 city-wide budget for roadway rehabilitation is \$38 million. With the streets carried over from 2021, this year's construction program includes 32.4 km of road surface, affecting 63 streets across the City. The table below summarizes the streets planned for rehabilitation in Ward 5 this year.

<b>STREET NAME</b>	<b>FROM</b>	<b>TO</b>
AIRWAY DR	VISCOUNT RD	NORTHWEST DR
AMERICAN DR	AIRPORT RD/SILVER DART DR	NORTHWEST DR
MATHESON BLVD. EAST	CREEKBANK RD	EAST CITY LIMIT
ORLANDO DR	AIRPORT RD/SILVER DART DR	NORTHWEST DR
VISCOUNT RD	AMERICAN DR	ORLANDO DR
<b>TOTALS</b>	<b>5 STREETS</b>	<b>7.7 KM</b>

### 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 EA and major road improvement projects that are continuing or will be initiated in Ward 5 this year.

<b>Street Name</b>	<b>From</b>	<b>To</b>	<b>Project Type</b>
Goreway Drive Grade Separation	Brandon Gate Drive	Kenview Boulevard (Brampton)	Construction
Menkes Drive	Derry Road	Alstep Drive	EA/Preliminary Design
Alstep Drive	Menkes Drive	Bramalea Road	EA/Preliminary Design
McLaughlin Road	Britannia Road West	Bristol Road West	Corridor Study
Courtneypark Drive East Bridge Widening and Ramp Improvements	Highway 410/Courtneypark Drive Interchange		Construction (MTO led project)

The Goreway Drive Grade Separation project is tentatively scheduled for tender in early Summer 2022 with construction starting in the Fall of 2022. The project is cost-shared between Brampton, Mississauga and CN Rail, with Brampton leading the project. Mississauga staff continue to work collaboratively with Brampton staff to resolve remaining issues prior to the project being tendered. Construction is anticipated to start in the Fall 2022, and take 12 to 18 months to complete.

Menkes Drive and Alstep Drive are being reviewed as part of an EA to assess existing and future road conditions on Derry Road East and Alstep Drive near Menkes Drive and Bramalea Road. This EA study is being undertaken by Bombardier Inc. with the City and Region of Peel as co-proponents.

The MTO is continuing to construct the Courtneypark Drive East bridge widening and ramp improvements at the interchange with Highway 410 as part of its highway widening project. This is a jointly funded project between the City, the MTO and the Region of Peel.

#### Integrated Road Projects

The Integrated Roads Program seeks to improve the coordination of City road projects and to reduce construction costs, and construction nuisance/fatigue for local residents by bundling planned road improvement projects into a single construction project. Integrated Road Projects will take a complete streets approach to the planning and design of various planned road improvements which may include pavement and bridge rehabilitation; as well as pedestrian and cycling, transit, safety, noise wall, drainage and other roadway infrastructure improvements. No integrated road projects are planned in Ward 5 this year.

#### Bridge and Culvert Renewal

The Bridge and Culvert 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. Two bridge projects are planned in Ward 5 this year.

<b>Project Location</b>	<b>Project Type</b>
Scarboro Street over West Branch Mimico Creek	Detailed Condition Survey
Eglinton Avenue East over Little Etobicoke Creek*	Construction

\*Indicates projects that are carried over from previous years.

The Scarboro Street Structure is in the detailed condition survey phase that will inform the extent of repair or renewal works required to be carried out in a future year. The Eglinton Avenue East bridge over Little Etobicoke Creek will undergo structural renewal.

#### Active Transportation Structures

Active transportation structures typically include bridges or tunnels across major barriers such as highways, railways, and rivers. New crossing locations have been identified in the Cycling Master Plan. There are no active transportation structure projects planned in Ward 5 this year.

#### Cycling Infrastructure

Mississauga's Cycling Master Plan has identified the needs, locations and priorities for cycling infrastructure improvements in the City. Examples include bike lanes and multi-use trails within the ROW. The following table summarizes the cycling infrastructure works planned in Ward 5 this year.

Street Name	From	To	Facility Type	Side / Length
American Drive	Airport Road	Northwest Drive	Bicycle Lanes	Both / 1.3 km
Commerce Boulevard*	Matheson Boulevard East	Eglinton Avenue West	Bicycle Lanes	Both / 0.4 km
Kennedy Road*	Britannia Road East	Matheson Boulevard East	Multi-Use Trail	East / 1.3 km
Matheson Boulevard East*	Creebank Road	Commerce Boulevard	Cycle Tracks	Both / 3.0 km
Orbitor Drive	Explorer Drive	Matheson Boulevard East	Bicycle Lanes	Both / 0.5 km

\*Indicates projects that are carried over from previous years.

### Sidewalk Improvements

Projects in the Sidewalk program focus on filling in gaps to improve sidewalk connections for pedestrians. The following sidewalk improvement projects are planned in Ward 5 this year.

Street Name	From	To	Side	Length (m)
Airway Drive	Viscount Road	Northwest Drive	North	980
Bresler Drive	Campus Road	Airport Road	North	170
Marcove Road*	Kennedy Road	20m East of Kennedy Road	North	20
Orlando Drive	185 m west of Viscount Road	Northwest Drive	South	570
Statesman Drive	Edwards Boulevard	End	North	490
Viscount Rd	Orlando Drive	Airway Drive	East	450

\*Indicates that the road was carried over from a previous 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 5 this year.

Upgrading fences to noise walls can be done in advance of a major road project, integrated road project or through a standalone improvement project provided that the proposed noise wall meets the installation criteria set out in Policy 09-03-03. No noise upgrade projects are planned in Ward 5 this year.

### Intersection Improvements

The Intersection Improvement program includes funding for the treatment of intersections with the focus on improving safety, traffic flow and capacity. These improvements typically take the form of additional turning or through lanes to improve vehicle capacity and/or to support the installation of traffic signals. Intersection improvements are also constructed to reduce conflicts between pedestrians and motorists. No intersection improvement projects are planned in Ward 5 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 5 is summarized in the following table.

<b>Project Name</b>	<b>Project Type</b>	<b>Update / Completion</b>	<b>Ward</b>
Hurontario LRT (Hazel McCallion Line) Implementation led by Metrolinx	Design / Construction	Completion scheduled for late 2024	Ward 1, 4, 5, 7

\* Property acquisitions to commence with design in 2022

### 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](#). No road safety projects are under consideration for Ward 5.

### 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 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. No new traffic signal installation projects are planned for Ward 5 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. Two new traffic signal modernization projects are planned in Ward 5 this year.

<b>Intersection</b>	<b>Type</b>
Goreway Drive at Jolliffe Ave	Traffic Signal Modernization
Tomken Road at Meyerside Drive	Traffic Signal Modernization

#### 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 5 this year.

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 two watercourse improvement projects planned for Ward 5 this year.

Project Name	Project Type
Mimico Creek Erosion Control – Etude Drive to Derry Road East*	EA & Design
Mimico Creek Erosion Control – Upstream and Downstream of Rena Road*	EA & Design

\* Indicates the project was carried over from the 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 catchbasins. 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 5 this year.

Project Name	Project Type
Britannia Road East Storm Sewer Replacement and Slope Stabilization*	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 Name	Project Type
Quality Control Retrofit Feasibility Study and Pre-Engineering (SWMF 3602) – Driftcurrent Drive*	Study
Malton Flood Mitigation Improvements - Etude Drive to Justine Drive* **	EA & Design

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

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

### 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 in Ward 5 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 bioretention features that promote infiltration and/or filtration. No stormwater 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 2022 spring/summer 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.

Building on the success of the Field Ambassador Program introduced in 2021, we are continuing with the Program in 2022. The Program will help improve how we communicate with residents and businesses about construction projects taking place in their neighbourhood. 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 to ask questions, share their feedback and get more information on the project.

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 Helen Noehammer, Director, Infrastructure Planning and Engineering Services, at extension 5086.

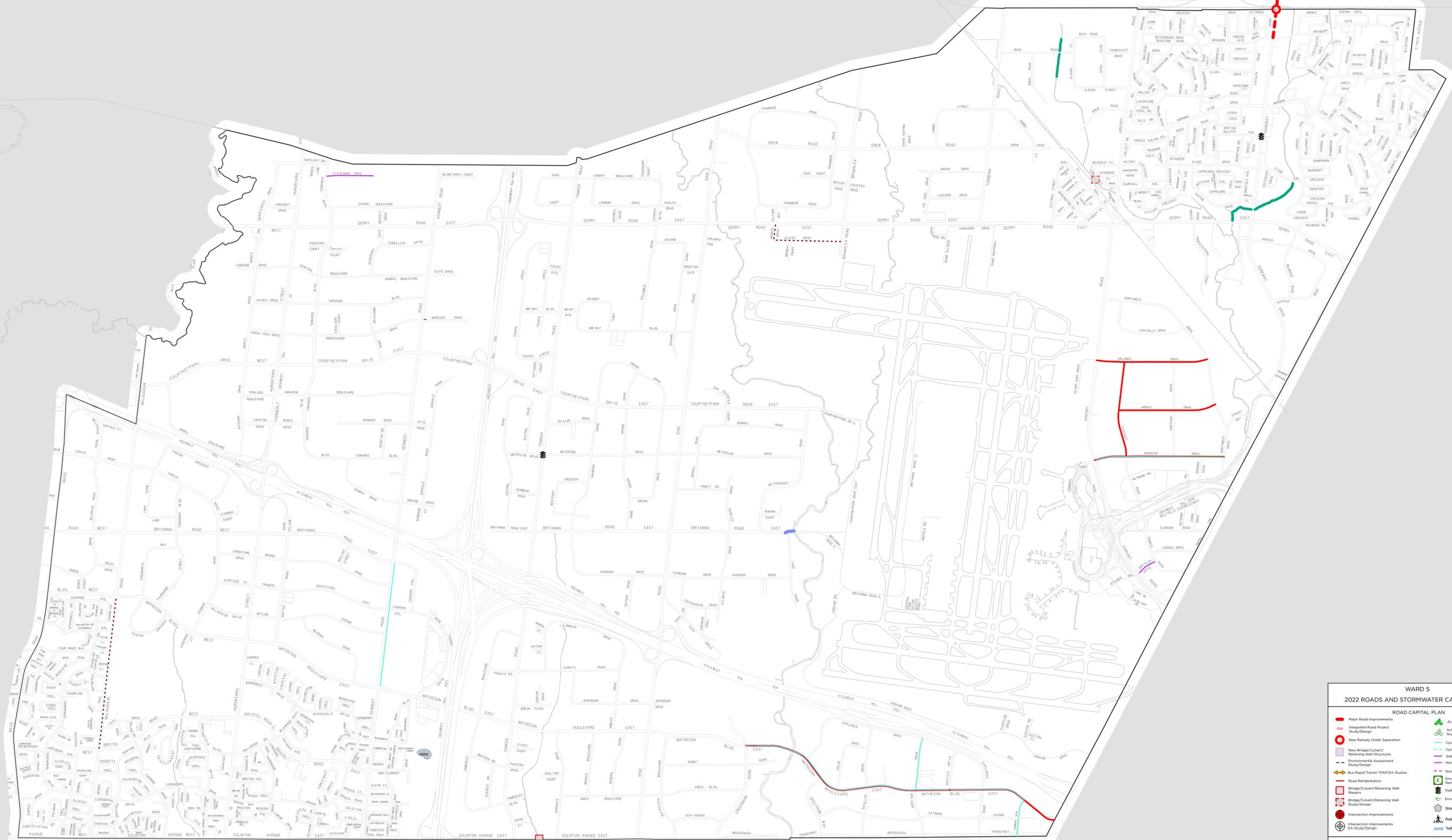
**Copies circulated to:**

Mayor Bonnie Crombie

Geoff Wright, Commissioner of Transportation and Works

**Attachment:**

2022 - Ward 5 Roads and Stormwater Capital Plan Map



**WARD 5**  
**2022 ROADS AND STORMWATER CAPITAL PLAN**

**ROAD CAPITAL PLAN**

Major Road Improvements	Active Transportation Bridge Study/Design
Integrated Road Project Study/Design	Active Transportation Bridge Study/Design
New Railway Grade Separation	Cycling Infrastructure Design
New Bridge/Culvert/Retaining Wall Structures	Sidewalk Infrastructure Study/Design
Environmental Assessment Study/Design	Noise Wall Program
Bus Rapid Transit TPA/EA Studies	Noise Wall Study/Design
Road Rehabilitation	Environmental Site Assessment/Remediation
Bridge/Culvert/Retaining Wall Repairs	Traffic Signal Infrastructure
Bridge/Culvert/Retaining Wall Study/Design	Enclosure Pole Replacement
Intersection Improvements EA Study/Design	Street Light Pole Replacement
Intersection Improvements EA Study/Design	Pedestrian Crosswalk
Intersection Improvements EA Study/Design	Traffic Calming

**STORMWATER CAPITAL PLAN**

Stormwater Facility Works	Watercourse Erosion Control Study/Design
Stormwater Facility Study/Design	Watercourse Erosion Control Study/Design
Storm Sewer Works	LID Enhancements
Storm Sewer Study/Design	LID Enhancements Study/Design
Storm Sewer Assessments	

SCALE 1:15,000  
 0 100 200 300 400 500 Feet  
 MISSISSAUGA Produced by CRS Geospatial Solutions