

# City of Mississauga

## Briefing Note



---

Date: 2020/05/05

To: Ron Starr, Ward 6 Councillor

From: Helen Noehammer  
Director, Infrastructure Planning & Engineering Services

Subject: 2020 Roads and Stormwater Capital Plan for Ward 6

---

The purpose of this briefing note is to provide an overview of the roads and stormwater infrastructure and assessment works planned for Ward 6 in 2020. These works are also illustrated on the attached Ward 6 Roads and Stormwater Capital Plan Map.

Given the uncertainty around the COVID-19 pandemic, the delivery of the City's construction program may be impacted over the course of the year. Staff will keep your office informed of significant changes to the delivery schedule for projects within your ward.

The **Roads Capital Plan** includes roadway rehabilitation, major roads improvements, bridge and culvert renewal, cycling infrastructure, sidewalk improvements, noise wall replacements, intersection improvements and environmental site management.

### Roadway Rehabilitation

The Roadway Rehabilitation program is focussed 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 2020 city-wide budget for roadway rehabilitation is \$38.5 million. Including the streets carried over from 2019, this year's construction program includes 56 km of road surface, affecting 119 streets. The table below summarizes the streets planned for rehabilitation in **Ward 6** this year.

Street Name	From	To
Ashington Court*	Gallager Drive	Road / End
Burnbrae Drive*	Road / End	Road / End
Baymill Court	Riverway Crescent	Road / End
Coldwater Mews	Riverside Place	Road / End
Conlife Court*	Gallager Drive	Road / End

Street Name	From	To
Edincroft Crescent	Durie Road	Sagewood Court
Fallingbrook Drive	Bristol Road West	Windsor Hill Boulevard
Fallingbrook Drive	Eglinton Avenue West	Fallingbrook Community Park Access
Gallager Drive*	The Credit Woodlands	Otis Avenue
Oldcastle Crescent	Willow Way	Willow Way
Otis Avenue*	The Credit Woodlands	Burnbrae Drive
Norenko Court	Rathkeale Road	Road / End
Poets Walk	Durie Road	Creditview Road
Rathburn Road West	Mavis Road	Perivale Road
Rathkeale Road	Creditview Road	Road / End
Riverside Place	Willow Way	Willow Way
Riverway Crescent	Durie Road	Baymill Court
Vanrose Street	Crosswinds Drive	Rathkeale Road
Winglos Court*	Gallager Drive	Road/End
<b>Totals</b>	<b>19 Streets</b>	<b>4 km</b>

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

### 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 construction. No major road improvement projects are underway or planned in Ward 6 this year.

### Bridge, Culvert and Retaining Wall Renewal

The Bridge, Culvert and Retaining Wall Renewal program focusses on structural rehabilitations or 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 Type
Burnhamthorpe Road West bridges over the Credit River EB and WB	Detailed Condition Survey/Design
Dundas Street West Retaining Walls East of the Credit River (North Side)	Design/Construction

A detailed condition survey and design work will be initiated for the Burnhamthorpe Road West structures in 2020. A structural engineering consultant will be looking at the condition of the structure and identifying any works required at this time to extend its service life.

Two sections of retaining walls along Dundas Street West, east of the Credit River will be replaced in 2021, the slope will be stabilized and the affected sidewalks will be replaced and reopened to the public. In order to provide pedestrians with an alternative route prior to the 2021 construction, minor sidewalk upgrades will be completed on the south sidewalk in 2020.

#### 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 road right-of-way. There is one cycling project planned for Ward 6 this year.

Street Name	From	To	Facility Type	Length (m)
Eglinton Avenue West (North side)	Credit Valley Road	Creditview Road	Multi-Use Trail	2060

#### Sidewalk Improvements

Projects in the Sidewalk program focus on filling in gaps to improve sidewalk connections for pedestrians. The following table summarizes the new sidewalks planned in Ward 6 this year.

Street Name	From	To	Side	Length (m)
Terry Fox Way	Matheson Boulevard West	Britannia Road	E	590

#### Noise Wall Replacement

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. Noise wall replacement projects planned in Ward 6 are listed in the table below.

Street Name	From	To	Side	Length (m)
Eglinton Avenue West*	Beside 4628 Hewick's Lane	55 metres west of Hewick's Lane	South	55

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

The Eglinton Avenue West noise wall beside 4628 Hewick's Lane was delayed as the City needed to secure easements from the property owner.

#### 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 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. There are no environmental site management projects planned for 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 three projects – the Lakeshore Higher Order Transit (HOT) corridor, the Dundas Bus Rapid Transit (BRT) corridor and the Downtown Mississauga Terminal and Transitway Connection. All three projects have approved funding to initiate environmental assessment and preliminary design studies this year. The Dundas BRT and Downtown Mississauga Terminal and Transitway Connection projects fall within Ward 6.

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

Project Name	Project Type
Carolyn Creek Erosion Control – Outlet Channel to Credit River	EA
Wolfedale Creek Erosion Control – Burnhamthorpe Road to Credit River	EA

### 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. No storm sewer projects are planned in Ward 6 this 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 is one stormwater management project planned for Ward 6 this year.

Project Name	Project Type
Stormwater Pond Dredging and Rehabilitation – Carolyn Creek Pond, Southeast of Bristol Road W. & Creditview Road*	Design and Construction

\*Indicates that the project was carried over from a 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 for Ward 6 this year.

Project Name	Project Type
Storm Sewers Condition Assessment & Survey – Dundas Street*	Study

\*Indicates that the project was carried over from a previous 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 6 this year.

### Roads and Stormwater Construction Communications Strategy

The Infrastructure Planning and Engineering Services (IPES) Division and Strategic Communications are continuously working on improving and simplifying communications for roads and stormwater construction projects. This work includes developing consistent construction notice letters, improved construction project signage, clarification of processes and greater 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 2020 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.

If you have any questions regarding any of the projects within the Roads Capital Plan, please contact Alessandro Torresan at extension 5153.

If you have any questions regarding any of the projects within the Stormwater Capital Plan, please contact Scott Perry at extension 5161.

**Copies circulated to:**

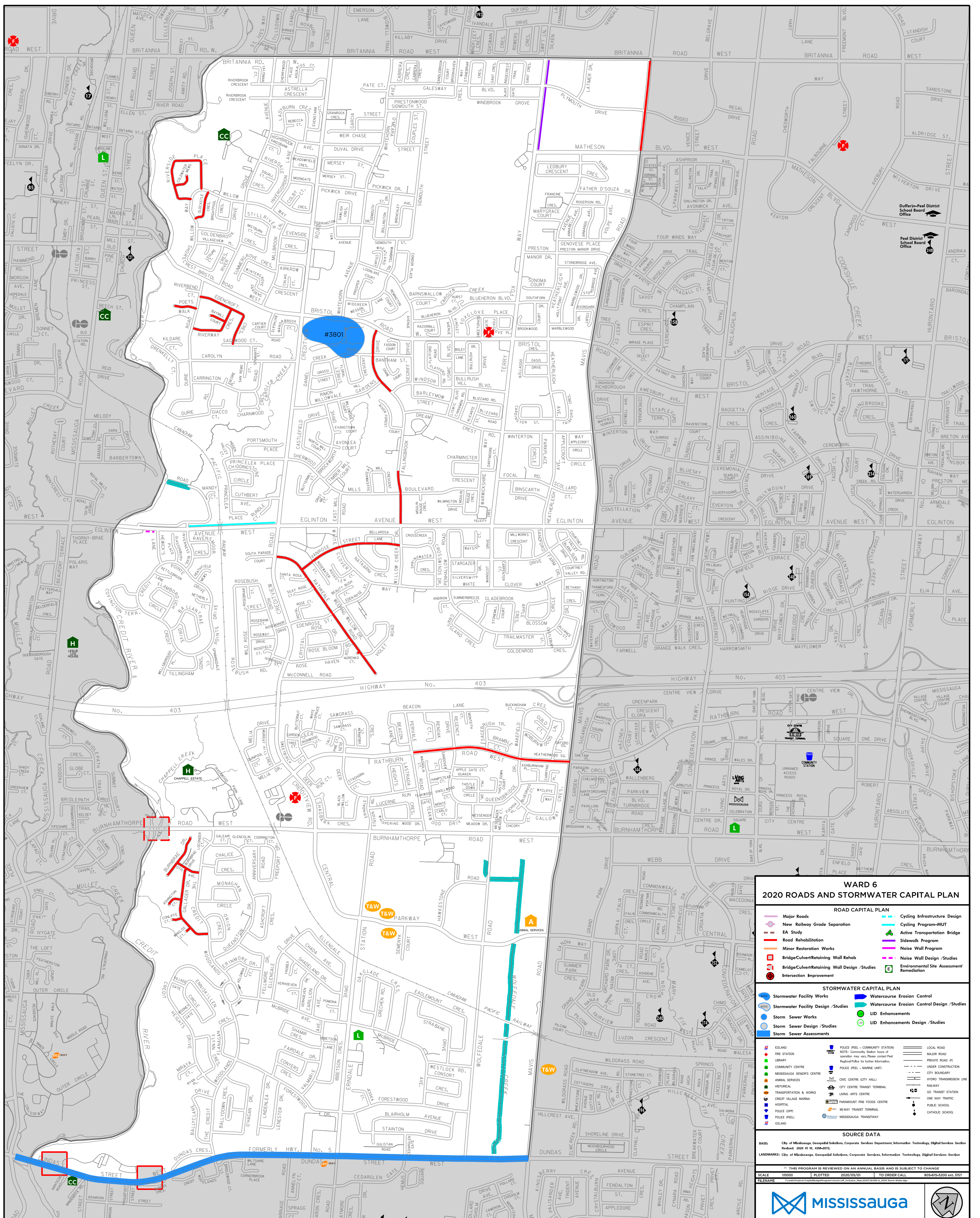
Mayor Bonnie Crombie

Geoff Wright, Commissioner, Transportation and Works

**Attachment:**

2020 - Ward 6 Roads and Stormwater Capital Plan Map





### WARD 6 2020 ROADS AND STORMWATER CAPITAL PLAN

#### ROAD CAPITAL PLAN

Major Roads	Cycling Infrastructure Design
New Railway Grade Separation	Cycling Program-MUT
EA Study	Active Transportation Bridge
Road Rehabilitation	Sidewalk Program
Minor Restoration Works	Noise Wall Program
Bridge/Culvert/Retaining Wall Rehab	Noise Wall Design / Studies
Bridge/Culvert/Retaining Wall Design / Studies	Environmental Site Assessment/ Remediation
Intersection Improvement	

#### STORMWATER CAPITAL PLAN

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

Island	POLICE (PEEL - COMMUNITY STATION)	LOCAL ROAD
FIRE STATION	NOTE: Community Station hours of operation may vary. Please contact Peel Regional Police for further information.	MAJOR ROAD
LIBRARY	POLICE (PEEL - MARINE UNIT)	PRIVATE ROAD (P)
COMMUNITY CENTRE	CITY CENTRE (CITY HALL)	CITY BOUNDARY
MISSISSAUGA SENIORS' CENTRE	CITY CENTRE TRANSIT TERMINAL	HYDRO TRANSMISSION LINE
ANIMAL SERVICES	LIVING ARTS CENTRE	GO TRANSIT STATION
PARAMOUNT FIRE FOODS CENTRE	ONE WAY TRAFFIC	
TRANSPORTATION & WORKS	MIWAY TRANSIT TERMINAL	PUBLIC SCHOOL
CREDIT VILLAGE MARINA	MISSISSAUGA TRANSITWAY	CATHOLIC SCHOOL
HOSPITAL		
POLICE (OPP)		
POLICE (PEEL)		
Island		

#### SOURCE DATA

BASE: City of Mississauga, Geospatial Solutions, Corporate Services, Information Technology, Digital Services Section  
Revised: 2020 01 10, 43M-2072.

LANDMARKS: City of Mississauga, Geospatial Solutions, Corporate Services, Information Technology, Digital Services Section

\*\*\* THIS PROGRAM IS REVIEWED ON AN ANNUAL BASIS AND IS SUBJECT TO CHANGE \*\*\*

SCALE 1:5000	PLOTTED 2020/05/01	TO ORDER CALL 905-415-2200 ext. 3157
FILENAME \\c:\p\proj\2020\RoadsAndStormwaterCapitalPlan\CityMap\Map2020Ward6_2020 Storm Water.docx		