

# Communication and Consultation Plan

Stormwater Servicing Master Plan for Regional  
Road Infrastructure

---

Prepared by GM BluePlan for:



November 2022

## Table of Contents

	Page
<b>1 Introduction .....</b>	<b>1</b>
1.1 Background.....	1
1.2 Purpose and Approach .....	1
1.3 Goals and Objectives of the Communication and Consultation Plan .....	2
<b>2 Communication Plan.....</b>	<b>3</b>
2.1 Study Contact List.....	3
2.2 Project Website.....	3
2.3 COVID-19 Protocol Implementation .....	3
2.4 Study Notifications .....	3
2.4.1 Notice of Study Commencement & Public Information Centre No. 1.....	4
2.4.2 Notice of PIC No. 2.....	5
2.4.3 Notice of Study Completion .....	5
<b>3 Consultation Plan .....</b>	<b>6</b>
3.1 Public Information Centres.....	6
3.2 Region of Peel Staff Input .....	6
3.2.1 Progress Meetings .....	6
3.2.2 Level of Service Workshop.....	7
3.2.3 Regional Council and Committee Presentations.....	7
3.3 External Agency and Stakeholder Input .....	7
3.3.1 Technical Advisory Group .....	7
3.3.2 Conservation Authorities .....	7
3.3.3 Ministries.....	7
3.3.4 Municipalities.....	8
3.3.5 Utilities .....	8
3.3.6 Special Interest Groups .....	8
3.3.7 Indigenous Communities .....	8
3.4 Public Documentation .....	9
3.4.1 Comments Management Tracking.....	9
3.4.2 Citizens Document .....	9
3.4.3 Project Website .....	9

## Appendices

- A-1. Study Contact List
- A-2. Tactical Advisory Group (TAG) List
- A-3. Study Commencement and PIC #1
- A-4. PIC #2
- A-5. Study Completion
- A-6. Consultation Tracking

# 1 Introduction

## 1.1 Background

The Region of Peel retained GM BluePlan Engineering Limited (GM BluePlan) to develop and implement a MEA Class Environmental Assessment (EA) study to guide stormwater management services for the existing and future Regional road infrastructure over the coming years. The process provides the Region with a basis to make sound decisions to service current and future growth in a manner that addresses the expected impacts of climate change.

As with any EA process, it is as much about public relations as it is about technical solutions. Allowing either approach to dominate may impede the process as the study proceeds. Our project team recognizes the fine balance between providing the best technical solution and providing the solution most acceptable to the public.

The success of the study rests with the ability of the project team to solicit, process and respond to public input. This document outlines the Communication and Consultation Plan that was implemented throughout the study process.

This plan was also being driven by six key principles:

- **Respect:** for all parties engaged in the process
- **Clear, consistent communication:** to ensure broad understanding, and that all communicators on behalf of the project are using consistent messages
- **Demonstrated organizational and community values:** ensure all communications reflect the values of the Region of Peel as an organization and as a community
- **Transparency:** communicate the EA process openly
- **Flexibility:** the communication and consultation plan will be a living document allowing adaptability when opportunities arise throughout the EA process
- **Offer a variety of feedback options:** to ensure as broad a range of input whenever possible

## 1.2 Purpose and Approach

The purpose of the Communication and Consultation Plan was to provide a framework for providing and receiving input from stakeholders and other parties interested in the study. This plan provided guidance for all aspects of the communication and public consultation process for the study including areas where coordination with other project teams was required.

In planning the communication and consultation plan, the overall approach was to:

- Meet the public and agency notification and consultation requirements for Phases 1 and 2 of the MEA Class EA process (October 2000, as amended 2007, 2011 and 2015)
- Build on past communication protocols and consultation plans from previous Class EAs and municipal planning initiatives the Region has undertaken to ensure consistency and continuity
- Complete additional tasks to enhance the proposed consultation plan and overall Class EA process, as needed throughout the study

### 1.3 Goals and Objectives of the Communication and Consultation Plan

Effective consultation with government agencies, conservation authorities, Indigenous communities, utilities, community groups and other stakeholders was vital to the success of this study. Thus, a primary goal and objective of this plan was to ensure meaningful consultation and encourage two-way communication with the community, regulatory agencies, stakeholders and the Region of Peel.

Methods outlined in this Plan are intended to:

- Present clear and concise information to stakeholders at key stages in the study process
- Meet MEA Class EA consultation requirements
- Solicit community, regulatory agency and Region staff input
- Ensure that factual information is provided to interested and affected stakeholders as soon as reasonably possible
- Make contact with external agencies to obtain legislative or regulatory approvals, or to collect pertinent technical information

More specifically, the Communication and Consultation Plan will:

- Provide estimated timelines for meetings, workshops, presentations and Public Information Centres (PICs)
- Provide an outline of project documentation required, including comment management tracking, project website and a citizens document
- Provide innovative ideas for communication and consultation with the study's stakeholders
- Provide details on how and when external agencies will be able to be involved in the project
- Provide details for Indigenous community consultation as required

Clear and effective communication, coordination and cooperation with all stakeholders began in the earliest stages and continue throughout. Different methods were used to ensure effective and efficient two-way communication including public notices (with full contact information and invitations to participate), direct mailings, informative website content, and meaningful and clear information available at the PICs.

## 2 Communication Plan

### 2.1 Study Contact List

Any and all relevant agencies, stakeholders and interested parties were included in the project distribution list. A list of relevant review agencies and interested and affected parties had been prepared for this project based on the RFP, the Consultant's Project Team knowledge of the study area, and information provided by the Region. The list includes federal departments and agencies, provincial ministries and agencies, municipal departments and agencies, utilities, Hospitals, emergency services, Indigenous Communities, and other special interest groups who have previously enquired about similar studies. The contact list is attached in **Appendix A**.

Throughout the Class EA process, the study contact list was revised, as appropriate, to reflect only those agencies/parties who wished to continue to be directly notified. In this manner, the project contact list was constantly updated to ensure that all possible effort was made to include all interested agencies/parties throughout the EA process.

### 2.2 Project Website

The Region of Peel set up a page on their corporate website for this study. This website provides a space for any interested party to obtain information on the project, consultation timelines, upcoming events, and contact information. This website is maintained by Region staff. GM BluePlan team has provided information and materials for posting when required.

In addition, GM BluePlan and the Region developed a video to educate residents on how the Regional stormwater system works and explain the difference between Regional and Local stormwater systems. It also explained the problem/opportunity statement and aim of the project. This video is available on the study's website.

### 2.3 COVID-19 Protocol Implementation

Municipal infrastructure services, including stormwater, were considered an essential service during the COVID-19 pandemic. The Stormwater Servicing Master Plan for Regional Road Infrastructure (Stormwater Master Plan) is a key component of future stormwater infrastructure planning and therefore continued through Province of Ontario's Emergency Orders caused by the COVID-19 pandemic. However, it should be noted that beginning March 17, 2020, the following protocols were taken to ensure that Class EA communication and consultation with key stakeholders were not affected:

- Study Notices were available on the Region of Peel website and sent to stakeholders by email only
- Communication / consultation with stakeholders was completed through email or virtual meetings
- Indigenous Communities were contacted to determine the best communication approach
- Public Information Centre (PIC) No. 1 and PIC No. 2 were held virtually through the Region of Peel website

### 2.4 Study Notifications

Public Notices for this project were distributed starting May 2020. The following notices were scheduled for this project:

- Notice of Commencement and PIC #1;
- Notice of PIC #2; and
- Notice of Completion.

All draft notices were developed by GM BluePlan and finalized by the Region’s Communication Department in conjunction with the GM BluePlan project team.

Notice were published in the following local newspapers:

- Caledon Enterprise
- Brampton Guardian
- Mississauga News

In addition to the newspaper and website, GM BluePlan prepared a notice in letter format and emailed to the established list of stakeholders. The GM BluePlan project team followed up with select agencies in person, by email or phone to facilitate the collection of information relevant to the study. The GM BluePlan project team maintained a file with all correspondence sent and received from these agencies.

A summary of tasks and responsibilities associated with all Notices is provided below.

**Table 1: Summary of Tasks and Responsibilities**

Task	Responsibility
Prepare draft Ad / Letter format Notices for review	GM BluePlan
Organize and place Notices in the papers	Region of Peel
Finalize and mail Ad / Letter format Notices	GM BluePlan
Distribute Notices to internal Region of Peel Staff (e.g. Fire & Emergency Services, Councillors)	Region of Peel
Prepare and maintain a Comment Tracking Sheet	GM BluePlan
Prepare any required written responses to questions and issues	GM BluePlan & Region of Peel

Internal contacts and notification were coordinated through the Regions’s Project Manager. The study took an integrated project approach with Notices and PIC to ensure that the strategy, its project components and their relationship were clearly understood by stakeholders.

#### **2.4.1 Notice of Study Commencement & Public Information Centre No. 1**

A Notice of Study Commencement and Public Information Centre (PIC) No. 1 was issued on May 21, 2020. GM BluePlan prepared a Draft Notice and once finalized, the Region published the Notice in the local newspapers and the project website.

PIC No. 1 was held virtually on the Region of Peel website beginning on May 21, 2020 due Ontario’s Emergency Orders due to COVID-19 pandemic. It’s aim was to present Phase 1 of the MEA Class EA process: study problem/opportunity and baseline opportunities and constraints.

### **2.4.2 Notice of PIC No. 2**

A Notice of PIC No. 2 was issued in February 10, 2022. GM BluePlan prepared a Draft Notice and once finalized the Region published the Notice in the local newspapers and the project website. GM BluePlan organized and sent a letter notice to the Study Contact List two (2) weeks in advance of the PIC.

PIC No. 2 was held virtually on the Region of Peel website beginning on February 17, 2022 due to Ontario's Emergency Orders due to COVID-19 pandemic. PIC No. 2 was intended to present Phase 2 of the MEA Class EA process: alternative strategies and evaluation as well as present the preliminary preferred servicing strategy.

### **2.4.3 Notice of Study Completion**

Once the Study was finalized, a Notice of Study Completion was prepared. GM BluePlan prepared the Notice and the Region published the Notice in the local newspapers and the project website. The purpose of this notice was to announce the study's completion and begin the 30-day public review period for the final Class EA. Copies of the final report are available online at the study website indicated in the Notice and made available for a minimum 30-day review period.



## 3 Consultation Plan

### 3.1 Public Information Centres

To ensure maximum reach to stakeholders, GM BluePlan recommended the following PIC formats to be used for this study:

- Open House: Professional staff will be available on a selected date and time at a venue(s) selected by the Region at key locations to present project information to interested stakeholders in-person using display boards and complimented by videos where appropriate
- Virtual: Video presenting project information to interested stakeholders can be posted on the Region's project website. Through the post, any comments received can be recorded and replied to through email.

GM BluePlan recommended the PIC format should be a combination of an in-person and virtual open house, if possible, to maximize engagement from stakeholders. Professional staff would be available on a selected date and time at a venue selected by the Region at a key location to present project information to interested stakeholders in-person using display boards and complimented by videos where appropriate. A live feed of the presentation could be posted on the Region's project website. Through the post, any comments received could be recorded and replied to through email during the open house.

Note that in-person options recommended above were not ideal during the COVID-19 pandemic. GM BluePlan worked with the Region to determine the best approach to PICs as more information and provincial guidance became available. It was determined that due to the pandemic, and in the interest of general public health and safety, PICs would be conducted virtually throughout the project.

In preparation for PICs, the GM BluePlan Team:

- Prepared the Draft Notice of PIC for the Region to advertise in local newspapers
- Prepared all coloured displays, virtual presentation materials, comment forms, etc.
- Prepared brochures and/or FAQ sheets to provide project information and answer common questions residents have regarding stormwater
- Provided final materials in accessible PDF format to the Region in advance of the PIC for posting on the project's website
- Prepared draft responses to written comments/concerns raised by attending public members and stakeholders for Region review
  - Issued approved response letters
  - Updated the project contact list to include additional public members and stakeholders who wish to be directly notified of future project related events

### 3.2 Region of Peel Staff Input

#### 3.2.1 Progress Meetings

Region staff and GM BluePlan held progress meetings throughout the project's timeline. The GM BluePlan team presented study findings and solicited technical input during each meeting, as well as prepared and distributed agendas and minutes.

### **3.2.2 Level of Service Workshop**

There were two level of service workshops held during the Level of Service review task where level of service framework for storm servicing was reviewed and confirmed with the project team. GM BluePlan engaged with the Region of Peel Project Manager prior to each workshop to review the itinerary and ensure the appropriate staff were present.

### **3.2.3 Regional Council and Committee Presentations**

Project progress was provided to Councillors at key milestones throughout the study and included periodic project update bulletins and pre-PIC opportunities to meet and discuss the study prior to public engagement.

## **3.3 External Agency and Stakeholder Input**

As the study progressed and especially when specific impacts had been identified, it was necessary and advantageous to meet directly with affected and concerned agencies and stakeholders.

### **3.3.1 Technical Advisory Group**

A Technical Advisory Group (TAG) was established to provide input and feedback throughout the development of the project. The team was engaged through the workshops/meetings and review of key deliverables. The TAG consisted of Regional staff and external stakeholders as necessary. The current list of TAG members is provided in **Appendix B**.

### **3.3.2 Conservation Authorities**

There are various local conservation authorities within the study area: Primarily Credit Valley Conservation (CVC) and Toronto and Region Conservation Authority (TRCA). Successful consultation with these authorities was critical in the delivery of this study.

Early consultation with CVC and TRCA was important. Primary contacts were confirmed through the initial study notification process.

### **3.3.3 Ministries**

A number of provincial and federal Ministries received notifications related to this study throughout the process. Some of the key Ministries include:

- Ontario Ministry of the Environment and Climate Change
- Ontario Ministry of Indigenous Affairs
- Ontario Ministry of Transportation
- Ontario Ministry of Natural Resources and Forestry
- Ontario Ministry of Agriculture, Food and Rural Affairs
- Ontario Ministry of Culture, Tourism and Sport
- Ontario Ministry of Children, Community and Social Services
- Ontario Ministry of Health and Long-term Care
- Ontario Ministry of Economic Development, Job Creation and Trade
- Ontario Ministry of Municipal Affairs and Housing
- Indigenous and Northern Development Canada
- Environment Canada

- Fisheries and Oceans Canada
- Infrastructure Ontario

### 3.3.4 Municipalities

Given the locations of the Regional storm sewers, GMBP and the Region consulted with the City of Mississauga, City of Brampton and Town of Caledon throughout the Class EA process. Coordination with these municipalities included both technical and communication aspects with numerous City departments including but not limited to land use planning, public works, stormwater, parks, transportation and active transportation.

### 3.3.5 Utilities

The following local, provincial and federal utility companies were contacted throughout the Class EA process:

- Alectra Utilities
- Bell Canada
- Enbridge Gas Distribution Inc.
- Enbridge Pipelines Inc.
- Hydro One Networks
- Hydro One Telecom
- Ontario Power Generation
- Rogers Cable
- TransCanada Pipelines
- Trans-Northern Pipeline Inc.
- Union Gas Ltd.

In addition, railway and local transit companies were also on the contact list and were advised of the project.

### 3.3.6 Special Interest Groups

A number of special interest groups were consulted throughout the process. See the contact list for details.

### 3.3.7 Indigenous Communities

Indigenous communities are an important stakeholder group for municipal consultation. Sometimes, Indigenous communities will be consulted based on interests; other times, a project might impact established or asserted Indigenous rights or Métis communities. Past practices for Class EA studies include proponents identifying Indigenous communities through a Government of Canada's web-based, geographic information system called the Aboriginal and Treaty Rights Information System (ATRIS). More recently, however, proponents are required to contact MECP directly who – in consultation with the Ministry of Indigenous Affairs - will identify a list of Indigenous communities to consult for this Class EA.

For this study, the following Indigenous communities were contacted:

- Haudenosaunee Confederacy Chiefs Council
- Huron-Wendat Nation
- Mississaugas of the Credit First Nation

- Six Nations of the Grand River

### **3.4 Public Documentation**

#### **3.4.1 Comments Management Tracking**

All comments received were maintained in an organized excel spreadsheet. All comments were initially directed to Project Managers James Jorgensen (GM BluePlan) and Syeda Banuri (Region of Peel) via the website or newspaper Notices.

#### **3.4.2 Citizens Document**

The GM BluePlan Team prepared a separate document to summarize the outcome of all public and agency sessions, meetings and workshops. The document is available for public review as part of the Master Study Report at the end of the study.

#### **3.4.3 Project Website**

The Region of Peel set up a page on their corporate website for this study. The website provided a space for any interested parties to obtain information on the project, consultation timelines, upcoming events, and contact information. The website was maintained by Region staff, while the GM BluePlan team provided information and materials for posting when required.

## Appendix A-1 – Study Contact List (Electronic Deliverable)

Regional Municipality of Peel  
Stormwater Master Plan  
Study Contact List

Title	First Name	Last Name	Company/Organization	Department	Job Title	Business Street	Business City	Province	Postal Code	Business Phone	Business Fax	Email Address
<b>INDIGENOUS COMMUNITIES</b>												
Sir/Madam			Haudenosaunee Confederacy Chiefs Council			P.O. Box 714	Oshweken	ON	N0A 1M0			hd2@bellnet.ca info@hdi.land
Mr.	Dominic	Ste-Marie	Huron-Wendat Nation									Mario.GrosLouis@wendake.ca
Mr.	Mario	Gros-Louis	Huron-Wendat Nation									Dominic.Sainte-Marie@wendake.ca
	Lori-Jeanne	Bolduc	Huron-Wendat Nation									lori-jeanne.bolduc@wendake.ca
Councillor	Cathie	Jamieson	Mississaugas of the Credit First Nation		Environment Sustainability Councillor	2789 Mississauga Road, RR#6	Hagersville	ON	N0A 1H0	905-768-1133		cathie@mcnfn.ca
Mr.	Mark	Laforme	Mississaugas of the Credit First Nation		Director	2789 Mississauga Road, RR#6	Hagersville	ON	N0A 1H0	905-768-1133		Mark.laforme@mcnfn.ca
Chief	Mark B.	Hill	Six Nations of the Grand River		Chief	1695 Chiefswood Road., P.O. Box 5000	Oshweken	ON	N0A 1M0	519-732-2905		markhill@sixnations.ca
<b>FEDERAL AGENCIES</b>												
Mr.	Robert	Dobos	Environment Canada		Manager, Environmental Assessment Section	867 Lakeshore Road, P.O. Box 5050	Burlington	ON	L7R 4A6	905-336-4953		rob.dobos@ec.gc.ca
Sir/Madam			Environment Canada			4905 Dufferin Street	Toronto	ON	M3H 5T4	1-800-668-6767		enviroinfo@ec.gc.ca
Sir/Madam			Fisheries and Oceans Canada			800 Lakeshore Road	Burlington	ON	L7S 1A1	1-855-852-8320		fisheriesprotection@fo-mpo.gc.ca
Sir/Madam			Indigenous and Northern Affairs Canada			855 Bay St.	Toronto	ON	M5G 2K4			acoordination_on@aindc-aindc.gc.ca
Mr.	Sven	Spengemann	Parliament of Canada		Member of Parliament	House of Commons	Ottawa	ON	K1A 0A6	905-278-4111		svn.spengemann@parl.gc.ca
Mr.	Alexandre	Ferland	Parks Canada, Historic Site & Monument Board		EA Coordinator	25 Rue EddyGatineau, GC K1A 1K5				819-997-4905		alexandre.ferland@pc.gc.ca
Mr.	Dan	Thompson	Fisheries and Oceans Canada		Team Leader-Triage and Planning	867 Lakeshore Road, P.O. Box 5050 Burlington, ON L7R 4A6				(519) 668-3897		dan.thompson@fo-mpo.gc.ca
			Transport Canada		Environmental Coordinator	4900 Yonge Street, 4th Floor (PHE), North York, ON M2N 6A5						EnviroOnt@tc.gc.ca
<b>PROVINCIAL MINISTRIES</b>												
Sir/Madam			Infrastructure Ontario			1 Dundas Street West, Suite 2000	Toronto	ON	M5G 2L5			notice@infrastructureontario.ca
Ms.	Lisa	Mysocki	Infrastructure Ontario	Environmental Management	Environmental Advisor	1 Dundas Street West, Suite 2000	Toronto	ON	M5G 2L5	416-212-3768		lisa.mysocki@infrastructureontario.ca
Mr.	Tate	Kelly	Infrastructure Ontario		Planner	1 Dundas Street West, Suite 2000	Toronto	ON	M5G 2L5	416-327-1925		tate.kelly@infrastructureontario.ca
Mr.	Anil	Wijesooriya	Infrastructure Ontario		Vice President Analytics & Data Governance	1 Dundas St. W., Suite 2000	Toronto	ON	M5G 2L5			anil.wijesooriya@infrastructureontario.ca
Ms.	Anneleis	Eckert	Ministry of Agriculture, Food and Rural Affairs		Rural Planner	6484 Wellington Road 7, Unit 10	Elora	ON	N0B 1S0	519-827-6040		anneleis.eckert@infrastructureontario.ca
Mr.	Michael	Falconi	Ministry of Economic Development, Job Creation and Trade		Cabinet Office Liaison Unit	900 Bay Street, 6th Floor	Toronto	ON	M7A 1C2	416-325-8546		michael.falconi@ontario.ca
Mr.	Michael	Hellinger	Ministry of Economic Development, Job Creation and Trade		Cabinet Office Liaison and Policy Support Unit	900 Bay Street, 6th Floor	Toronto	ON	M7A 1C2	416-325-6519		michael.hellinger@ontario.ca
Ms.	Shari	Prowse	Ministry of Heritage, Sport, Tourism and Culture		Archaeology Review Officer - London	800 Highburg Ave	London	ON	N5Y 1A4			shari.prowse@ontario.ca
Ms.	Andrea	Williams	Ministry of Heritage, Sport, Tourism and Culture		Archaeology Programs Unit	401 Bay Street, Suite 1700	Toronto	ON	M7A 0A7			andrea.williams@ontario.ca
Ms.	Rosi	Zirger	Ministry of Heritage, Sport, Tourism and Culture		Cultural Services Unit	401 Bay Street, Suite 1700	Toronto	ON	M7A 0A7	416-314-7159		rosi.zirger@ontario.ca
Ms.	Rachael	Manson-Smith	Ministry of Indigenous Relations and Reconciliation		Ministry Partnerships Unit	160 Bloor Street East, 9th Floor	Toronto	ON	M7A 2E6	416-325-7032		rachael.manson-smith@ontario.ca
Sir/Madam			Ministry of Indigenous Relations and Reconciliation		EA- First Nations	160 Bloor Street East, 9th Floor	Toronto	ON	M7A 2E6			maa.ea.review@ontario.ca
Mr.	David	Sit	Ministry of Municipal Affairs and Housing		Planning Proctcs	777 Bay Street, 13th Floor, College Park	Toronto	ON	M5G 2E5	416-585-6583		david.sit@ontario.ca
Ms.	Megan	Eplett	Ministry of Natural Resources and Forestry		Aurora District Office	50 Bloomington Road	Aurora	ON	L4G 0L8	905-713-7369		megan.eplett@ontario.ca
Mr.	Steven	Strong	Ministry of Natural Resources and Forestry		Aurora District Office	50 Bloomington Road	Aurora	ON	L4G 0L8			steven.strong@ontario.ca
Ms.	Jenessa	Crognall	Ministry of the Attorney General		Minister's Office	90 Sheppard Avenue	Toronto	ON	M2N 0A4			Jenessa.Crognall@ontario.ca
Mr.	Trevor	Bell	Ministry of the Environment, Conservation and Parks		Central Region, Technical Support	5775 Yonge Street, 9th Floor, Place Nouveau	Toronto	ON	M2M 4J1	416-326-3577		trevor.bell@ontario.ca
Ms.	Kathleen	O'Neill	Ministry of the Environment, Conservation and Parks		Director	135 St. Clair Avenue West, 1st Floor	Toronto	ON	M4V 1P5	416-326-3477		kathleen.o'neill@ontario.ca
Ms.	Megan	Eplett	Ministry of the Environment, Conservation and Parks		Environmental Assessment and Approvals Branch							megan.eplett@ontario.ca
Ms.	Aurora	Mcallister	Ministry of the Environment, Conservation and Parks		Management Biologist	50 Bloomington Road	Aurora	ON	L4G 0L8	905-713-7732		aurora.mcallister@ontario.ca
Mr.	James	O'Mara	Ministry of the Environment, Conservation and Parks	Operations Integration Branch	Director	135 St. Clair Avenue West, 8th Floor	Toronto	ON	M4V 1P5	416-314-3994		james.o'mara@ontario.ca
Mr.	Daniel	Delaquis	Ministry of the Environment, Conservation and Parks		Supervisor	5775 Yonge Street, 9th Floor, Place Nouveau	Toronto	ON	M2M 4J1			daniel.delaquis@ontario.ca
Mr.	Tom	Hewitt	Ministry of Transportation		Corridor Management Section	159 Sir William Hearst Ave, 7th Floor, Building D	Toronto	ON	M3M 0B7	416-235-3744		tom.hewitt@ontario.ca
Mr.	Michael	Sit	Ministry of Transportation		Highway Engineering	159 Sir William Hearst Ave, 7th Floor, Building D	Toronto	ON	M3M 0B7	416-235-4689		michael.sit@ontario.ca
Ms.	Dawn	Irish	Ministry of Transportation		Environmental Policy	301 St. Paul St. Garden City Tower, 2nd Floor	St. Catharines	ON	L2R 7R4	905-704-3179		dawn.irish@ontario.ca
Mr.	Frank	Martins	Ministry of Transportation		Strategic Highways Management Office	159 Sir William Hearst Ave, 7th Floor, Building D	Toronto	ON	M3M 0B7	416-235-4077		frank.martins@ontario.ca
Mr.	Christian	Singh	Ministry of Transportation		Corridor Management Section	159 Sir William Hearst Ave, 7th Floor, Building D	Toronto	ON	M3M 0B7	416-235-4276		christian.singh@ontario.ca
Ms.	Carmelle	Assani	Ministry of Aboriginal Affairs		Executive Assistant to ADM	160 Bloor Street East, 4th Floor/Toronto ON M7A 2E6				(416) 326-4772		Carmelle.Assani@ontario.ca
Ms.	Karla	Barbosa	Ministry of Heritage, Sport, Tourism and Culture Industries		Team Lead, Heritage	Suite 1700, 401 Bay St., Toronto ON M7A 0A7				416-314-7120		karla.barbosa@ontario.ca
Ms.	Maria	Jawaid	Ministry of Natural Resources & Forestry (MNRF)		Area Biologist, Halton/Peel/Toronto	50 Bloomington Rd/Aurora ON L4G0L8				905-713-7406		maria.jawaid@ontario.ca
Ms.	Karly	Jennings	Ministry of Aboriginal Affairs		Administrative Assistant to ADM	160 Bloor Street East, 4th Floor/Toronto ON M7A 2E6				(416) 314-0603		Karly.jennings@ontario.ca
Ms.	Sabina	Merey	MTO (Ministry of Transportation of Ontario)		Senior Project Engineer, Peel Halton Section, Planning & Design	159 Sir William Hearst Ave, 4th floor Toronto ON M3M 0B7				416-235-4876		sabina.merey@ontario.ca
Mr.	Dan	Minkin	Ministry of Heritage, Sport, Tourism and Culture Industries		Heritage Planner - CULTURE SERVICES UNIT	Suite 1700, 401 Bay St., Toronto ON M7A 0A7				416-314-7147		dan.minkin@ontario.ca
Ms.	Keith	Noronha	IO (Infrastructure Ontario)									Keith.Noronha@infrastructureontario.ca
Ms.	Tiola	Seaton	Ministry of Transportation		Administrative Assistant	Garden City Tower/2nd Flr, 301 St Paul St/St Catharines ON L2R7R4				905-704-2104		tiola.seaton@ontario.ca
Ms.	Jackie	Van de Valk	Ministry of Agriculture and Food & Ministry of Rural Affairs		Rural Planner - Environmental and Land Use Policy	Elora Resource Centre Unit 106484 Wellington Road 7/Elora ON N0B 1S0				519-846-3415		jackie.vandevalk@ontario.ca
Ms.	Ali	Veshkini	Ministry of Community Safety and Corrections		Director, Facilities & Capital Planning Branch, Corporate Service Division	25 Grosvenor Street, 13th Floor/Toronto, ON M7A 1Y6				416-314-6683		ali.veshkini@ontario.ca
Ms.	Thanga	Murugesu	Ministry of Municipal Affairs and Housing (EA Policy)		Central Municipal Services Office	College Park, 13th Flr, 777 Bay St., Toronto ON M5G 2E5				(416) 585-6063		Audrey.Bennett@ontario.ca
Ms.	Thanga	Murugesu	Ministry of Transportation - Central Division		Senior Project Engineer, Highway Engineering - Peel & Halton Section	1201 Wilson Avenue, 4th floor, Building D Toronto ON M3M 1J8				416-235-4689		Thanga.Murugesu@ontario.ca
<b>SOURCE WATER PROTECTION</b>												
<b>CONSERVATION AUTHORITIES</b>												
Mr.	Jonathan	Pounder	Conservation Halton									jpounder@hrca.on.ca
Mr.	Jakub	Kilis	Credit Valley Conservation	Environmental Assessment - Project Contact	Manager (Acting), Infrastructure and Regulation	1255 Old Derry Road	Mississauga	ON	L5N 6R4	905-670-1615 x287		Jakub.Kilis@cvc.ca
Ms.	Christine	Zimmer	Credit Valley Conservation	Water and Climate Change Sciences	Senior Manager, Water and Climate Change Science	1255 Old Derry Road	Mississauga	ON	L5N 6R4	905-670-1615 x229		christine.zimmer@cvc.ca
Ms.	Christine	Wilson	Credit Valley Conservation		Planning Ecology (Acting)	1255 Old Derry Road	Mississauga	ON	L5N 6R4	905-670-1615		christine.wilson@cvc.ca
Mr.	Josh	Campbell	Credit Valley Conservation		Manager	1255 Old Derry Road	Mississauga	ON	L5N 6R4	905-670-1615		josh.campbell@cvc.ca
Mr.	Braden	Fleming										bfleming@hrca.on.ca
Mr.	Ryan	Post	Nottawasaga Valley Conservation Authority		Hydrogeologist	8195 8th Line	Utopia	ON	L0M1T0	705-424-1479 ext. 249		rpost@nvca.on.ca
Ms.	Annette	Lister	Toronto and Region Conservation Authority		Planner, Infrastructure Planning and Permits	101 Exchange Avenue	Vaughan	ON	L4K 5R6	416-661-6600 x. 6443		annette.lister@trca.ca
Ms.	Suzanne	Bevan	Toronto and Region Conservation Authority		Senior Manager	101 Exchange Avenue	Vaughan	ON	L4K 5R6	416-661-6600 ext. 5759		Suzanne.Bevan@trca.ca
Ms.	Shirin	Varzani	Toronto and Region Conservation Authority			101 Exchange Avenue	Vaughan	ON	L4K 5R6	416-661-6600 ext. 5689		Shirin.Varzani@trca.ca
Ms.	Caroline	Margo	Toronto and Region Conservation Authority			5 Shoreham Drive	Toronto	ON	M3N 1S4	416-661-6600 ext. 5769		cmargo@trca.on.ca
Mr.	Ben	Krul	Toronto and Region Conservation Authority	Peel and Durham Region, Environmental Assessment Planning	Planner II	101 Exchange Avenue	Vaughan	ON	L4K 5R6	416-661-6600 x. 5633		bkul@trca.on.ca
Ms.	Jennifer	Stephens	Toronto and Region Conservation Authority	Source Water Protection	Manager	101 Exchange Avenue	Vaughan	ON	L4K 5R6	416-661-6600 x. 5633		jennifer.stephens@trca.ca
Mr.	Zack	Carlan	TRCA		Planner, Infrastructure Planning & Permits	101 Exchange Avenue, Vaughan ON L4K 5R6				416-661-6600 ext. 5310		zack.carlan@trca.ca
Ms.	Victoria	Kramkowski	TRCA			101 Exchange Avenue, Vaughan ON L4K 5R6				416-661-6600		victoria.kramkowski@trca.ca
Mayor	Patrick	Brown	City of Brampton		Mayor	2 Wellington Street West	Brampton	ON	L6Y 4R2	905-874-2600		patrick.brown@brampton.ca
Councillor	Paul	Vicente	City of Brampton		Regional Councillor Wards 1 & 5	2 Wellington Street West	Brampton	ON	L6Y 4R2	905-874-2601		paul.vicente@brampton.ca
Councillor	Rowena	Santos	City of Brampton		Regional Councillor Wards 1 & 5	2 Wellington Street West	Brampton	ON	L6Y 4R2	905-874-2605		rowena.santos@brampton.ca
Councillor	Michael	Palleschi	City of Brampton		Regional Councillor Wards 2 & 6	2 Wellington Street West	Brampton	ON	L6Y 4R2	905-874-2661		michael.palleschi@brampton.ca
Councillor	Doug	Williams	City of Brampton		City Councillor Wards 2 & 6	2 Wellington Street West	Brampton	ON	L6Y 4R2	905-874-2606		doug.williams@brampton.ca
Councillor	Martin	Medeiros	City of Brampton		Regional Councillor Wards 3 & 4	2 Wellington Street West	Brampton	ON	L6Y 4R2	905-874-2634		martin.medeiros@brampton.ca
Councillor	Jeff	Bowman	City of Brampton		City Councillor Wards 3 & 4	2 Wellington Street West	Brampton	ON	L6Y 4R2	905-874-2603		jeff.bowman@brampton.ca
Councillor	Pat	Fortini	City of Brampton		Regional Councillor Wards 7 & 8	2 Wellington Street West	Brampton	ON	L6Y 4R2	905-874-2611		pat.fortini@brampton.ca
Councillor	Charmaine	Williams	City of Brampton		City Councillor Wards 7 & 8	2 Wellington Street West	Brampton	ON	L6Y 4R2	905-874-2671		charmaine.williams@brampton.ca
Councillor	Gurpreet	Dhillon	City of Brampton		Regional Councillor Wards 9 & 10	2 Wellington Street West	Brampton	ON	L6Y 4R2	905-874-2609		gurpreet.dhillon@brampton.ca
Councillor	Harkirat	Singh	City of Brampton		City Councillor Wards 9 & 10	2 Wellington Street West	Brampton	ON	L6Y 4R2	905-874-2610		harkirat.singh@brampton.ca
Mayor	Bonnie	Crombie	City of Mississauga		Mayor	300 City Centre Drive	Mississauga	ON	L5B 3C1	905-896-5500	905-896-5463	bonnie.crombie@mississauga.ca
Councillor	Stephen	Dasko	City of Mississauga		Councillor Ward 1	300 City Centre Drive	Mississauga	ON	L5B 2G6	905-896-5100		stephen.dasko@mississauga.ca
Councillor	Chris	Fonseca	City of Mississauga		Councillor Ward 2	300 City Centre Drive	Mississauga	ON	L5B 3C1			chris.fonseca@mississauga.ca
Councillor	John	Kovac	City of Mississauga		Councillor Ward 3	300 City Centre Drive	Mississauga	ON	L5B 3C1	905-896-5300	905-896-5463	john.kovac@mississauga.ca
Councillor	Carolyn	Parrish	City of Mississauga		Councillor Ward 4	300 City Centre Drive	Mississauga	ON	L5B 3C1	905-896-5400	905-896-5463	carolyn.parrish@mississauga.ca
Councillor	Ron	Starr	City of Mississauga		Councillor Ward 5	300 City Centre Drive	Mississauga	ON	L5B 3C1	905-896-5500	905-896-5463	ron.starr@mississauga.ca
Councillor	Dipika	Damerla	City of Mississauga		Councillor Ward 6	300 City Centre Drive	Mississauga	ON	L5B 3C1	905-896-5600	905-896-5463	ron.starr@mississauga.ca
Councillor	Matt	Mahoney	City of Mississauga		Councillor Ward 7	300 City Centre Drive	Mississauga	ON	L5B 3C1	905-896-5700	905-896-5463	dipika.damerla@mississauga.ca
Councillor	Pat	Saito	City of Mississauga		Councillor Ward 8	300 City Centre Drive	Mississauga	ON	L5B 3C1	905-896-5800	905-896-5463	matt.mahoney@mississauga.ca
Councillor	Sue	McFadden	City of Mississauga		Councillor Ward 9	300 City Centre Drive	Mississauga	ON	L5B 3C1			

Regional Municipality of Peel  
Stormwater Master Plan  
Study Contact List

Ms. Leslie Green	City of Mississauga	Transportation & Works Department	Manager of Transportation Projects	300 City Centre Drive	Mississauga	ON	L5B 3C1	905-615-3200 x4197	leslie.green@mississauga.ca
Ms. Emma Calvert	City of Mississauga	Transportation & Infrastructure Planning Division	Manager of Development Engineering	300 City Centre Drive	Mississauga	ON	L5B 3C1		emma.calvert@mississauga.ca
Ms. Felicia Wong	City of Mississauga	Planning & Building, Development South Section	Administrative Assistant	300 City Centre Drive	Mississauga	ON	L5B 3C1	905-615-3200 x 5533	felicia.wong@mississauga.ca
Mr. Geoff Wright	City of Mississauga	Transportation & Works	Commissioner	300 City Centre Drive, 6th Floor	Mississauga	ON	L5B 2G6	905-615-3200 x5544	Martin.Powell@mississauga.ca
Mr. Mark Warrack	City of Mississauga	Community Services, Cultural Planning	Manager, Cultural Planning	3484 Semenyk Court	Mississauga	ON	L5C 4R1	905-615-3200 x5112	mark.warrack@mississauga.ca
Ms. Margi Sheth	City of Caledon			6311 Old Church Road	Caledon	ON	L7C 1J6		Margi.Sheth@caledon.ca
Mr. Vedit Aneja	Town of Caledon			6311 Old Church Road	Caledon	ON	L7C 1J6		Vedit.Aneja@caledon.ca
Ms. Carey Herd	Town of Caledon		Chief Administration Officer	6311 Old Church Road	Caledon	ON	L7C 1J6		Carey.Herd@caledon.ca
Mr. Fuwing Wong	Town of Caledon	Finance and Infrastructure Services	General Manager	6311 Old Church Road	Caledon	ON	L7C 1J6	905-584-2272 x4280	fuwing.wong@caledon.ca
Mr. Ryan Grodecki	Town of Caledon	Engineering Services	Manager of Engineering	6311 Old Church Road	Caledon	ON	L7C 1J6		ryan.grodecki@caledon.ca
Cassie Schembri	Town of Caledon			6311 Old Church Road	Caledon	ON	L7C 1J6		Cassie.Schembri@caledon.ca
Ms. Tawna Hunt	Town of Orangeville	Public Works	Public Works Clerk	87 Broadway	Orangeville	ON	L9W 1K1	519-941-0440 x.4520	thunt@orangeville.ca
Mr. Michael Friet	City of Vaughan	Infrastructure Planning & Corporate Asset Management	Manager of Engineering Planning & Studies	2141 Major Mackenzie Dr.	Vaughan	ON	L6A 1T1	905-832-2281	michael.friet@vaughan.ca
Mr. Diego Velasquez	City of Vaughan	Infrastructure Planning & Corporate Asset Management	Project Manager - Water/Wastewater Infrastructure	2141 Major Mackenzie Dr.	Vaughan	ON	L6A 1T1	905-832-8585 x. 8071	Diego.Velasquez@vaughan.ca
Mr. Diego Velasquez	City of Toronto	City's Clerk Office	City Clerk	100 Queen Street West, 13th Floor	Toronto	ON	M5H 2N2	416-338-0889	clerk@toronto.ca
Ms. Kate Connell	Halton Region	Infrastructure Planning & Policy	Project Manager II	5353 Lakeshore Road	Burlington	ON	L7L 1C8	905-825-6000 x. 3112	Kate.Connell@halton.ca
Mr. Rick Bonnette	Town of Halton Hills		Mayor	1 Halton Hills Drive	Halton Hills	ON	L7G 5G2	905-873-2600 x. 2342	Mayor@haltonhills.ca
Mr. Philip Kelly	Town of Oakville	Development and Environmental Engineering	Manager	1225 Trafalgar Road	Oakville	ON	L6H 0H3	905-845-6601 x. 3298	philip.kelly@oakville.ca
John Allison	Town of Milton		Town Clerk	2 Wellington St W, Brampton, ON, L6Y4R2	Milton	ON		905-878-7252 x. 2201	townclerk@milton.ca
Shane Beirnes	City of Brampton		Planning Design and Development	1975 Williams Parkway, Brampton, ON L6S 6E5				905-874-3880	john.allison@brampton.ca
Kyla Devin	City of Brampton		Street Lighting Supervisor, Traffic Services	8850 McLaughlin Rd S, Unit 2Brampton, ON, L6Y5T1				905-874-2553	shane.beirnes@brampton.ca
Craig Kummer	City of Brampton		Works and Transportation	1975 Williams Parkway, Brampton, ON L6S 6E5				905-874-3843	craig.kummer@brampton.ca
Heather MacDonald	City of Brampton		Interim Commissioner of Planning & Development	2 Wellington St W, Brampton, ON, L6Y4R2				905-874-2579	heather.macdonald@brampton.ca
Antonietta Minichillo	City of Brampton		Heritage Co-ordinator (Bram West & Churchville)	2 Wellington Street West, Brampton, ON, L6Y 4R2				905-874-2050	antonietta.minichillo@brampton.ca
Ghazanfar Mohammad	City of Brampton		EA Contact	2 Wellington Street West, Brampton, ON, L6Y 4R2					ghazanfar.mohammad@brampton.ca
Bishnu Parajuli	City of Brampton		Manager Infrastructure Planning	1975 Williams Parkway, Brampton, ON L6S 6E5				905-874-2500	bishnu.parajuli@peelregion.ca
Ricardo Scattolon	City of Brampton		Engineering Design and Drafting	8850 McLaughlin Rd S, Unit 2Brampton, ON, L6Y5T1				905-874-2934	ricardo.scattolon@brampton.ca
Bino Varghese	City of Brampton		EA Contact	2 Wellington Street West, Brampton, ON, L6Y 4R2					bino.varghese@brampton.ca
Kant Chawla	Town of Caledon		Senior Transportation Planner, Development Approval and Planning Policy Department	6312 Old Church Road, Caledon East, ON L7C 1J6				905-254-2272 ext 4293	kant.chawla@caledon.ca
Sally Drummond	Town of Caledon		Heritage Officer	6311 Old Church Road, Caledon East, ON L7C 1J6				905-584-2272 ext 4243	sally.drummond@caledon.ca
Geoff Hebbert	Town of Caledon		Senior Development Engineering Coordinator	6311 Old Church Road, Caledon East, ON L7C 1J6				905-584-2272 ext 4258	geoff.hebbert@caledon.ca
Tim Manley	Town of Caledon		Senior Policy Planner	6311 Old Church Road, Caledon East, ON L7C 1J6				905-584-2272 ext 4285	tim.manley@caledon.ca
Arash Oia	Town of Caledon		Manager, Transportation Engineering, Finance and Infrastructure Services	6312 Old Church Road, Caledon East, ON L7C 1J6				905-584-2272 ext 4073	arash.oia@caledon.ca
Danita Taccogna	Town of Caledon		Engineering Department	6311 Old Church Road, Caledon East, ON L7C 1J6				905-584-2272 x4226	danita.taccogna@caledon.ca
Haiqing Xu	Town of Caledon		Policy Manager	6311 Old Church Road, Caledon East, ON L7C 1J6				905-584-2272 ext 4172	haiqing.xu@caledon.ca
Steve Barrett	City of Mississauga		Energy & Environment Coordinator	6311 Old Church Road, Caledon East, ON L7C 1J6				905-584-2272 x. 4167	steve.barrett@mississauga.ca
Steve Barrett	City of Mississauga		Manager, Transportation Asset Management	201 City Centre Drive, Suite 800Mississauga, ON L5B 2T4				905-615-3200 Ext 3017	steve.barrett@mississauga.ca
Steve Barrett	City of Mississauga		Transportation and Infrastructure Planning	201 City Centre Drive, 8th Floor Mississauga, ON, L5B 2T4					
<b>RAIL/TRANSIT</b>									
Mr. Andrew Charles	Brampton Transit		Planning Coordinator	185 Clark Boulevard	Brampton	ON	L6T 4G6	905.874.2750 ext 62358	andrew.charles@brampton.ca
Mr. Nancy Huether	Orangeville-Brampton Railway		Manager, Economic Development	87 Broadway	Orangeville	ON	L9W 1K1	519-941-0440	nhuether@orangeville.ca
Mr. Derek Basso	Canadian National Railway	Public Works	Officer	1 Administration Road	Concord	ON	L4K 1B9	905-669-3264	derek.basso@cn.ca
Mr. Michael Vallins	Canadian National Railway	Public Works, Design and Construction	Manager	1 Administration Road	Concord	ON	L4K 1B9	905-669-3264	michael.vallins@cn.ca
Ms. Jacqueline Elias	City of Mississauga, MIWay		EIT	3484 Semenyk Court	Mississauga	ON	L5C 4R1	905-615-4636	jacqueline.elias@mississauga.ca
Mr. Francois Beaudair	CP Rail	Facilities, East	Director	2250 43rd Avenue	Lachine	QC	H8T 2J9	514-395-5429	francois.beaudair@cpr.ca
Mr. Alan Mielke	Van Humbek	CP Rail	Division Engineer	P.O. Box 4100, 2025 McCowan Road	Ancourt	ON	M1S 4A8		Alan_mielke@cpr.ca
Mr. Joe VanHumbek	CP Rail	Environmental Assessments	Manager	7550 Ogden Dale Rd SE	Calgary	AB	T2C 4X9	403 319 6530	joe_vanhumbek@cpr.ca
Ms. Averiil McIntyre	GO Transit and Metrolinx	GO Transit and Metrolinx	Marketing	20 Bay Street, Suite 600	Toronto	ON	M5J 2W3	416-869-3600 ext. 5424	averil.mcintyre@metrolinx.com
Mr. Jason Ryan	GO Transit and Metrolinx	Environmental Programs & Assessments	Director	20 Bay Street, Suite 600	Toronto	ON	M5J 2W3	416-869-3600 ext. 5520	jason.ryan@metrolinx.com
Mr. Dan Francey	GO Transit and Metrolinx	Transportation Planning & Development	Manager	20 Bay Street, Suite 600	Toronto	ON	M5J 2W3	416-869-3600	daniel.francey@qtrtransit.com
Elise Croll	GO Transit		Director, Environmental Programs and Assessments	20 Bay Street, Suite 600Toronto ext 5520				416-869-3600 ext 5520	Elise.Croll@qtrtransit.com
Craig Sherwood	Brampton Transit		Planning Coordinator	185 Clark BoulevardBrampton, ON L6T 4G6				905.874.2750 ext 62358	craig.sherwood@brampton.ca
<b>EMS SERVICES</b>									
Mr. Bill Boyes	City of Brampton	Brampton Fire and Emergency Services	Fire Chief	8 Rutherford Road South	Brampton	ON	L6W 3J1	905-874-2722	bill.boyes@brampton.ca
Mr. Tim Beckett	City of Mississauga	Fire and Emergency Services	Fire Chief	7535 Ninth Line	Mississauga	ON	L5N 7C3	905-615-3570	tim.beckett@mississauga.ca
Mr. Mark Nowicki	Greater Toronto Airport Authority	Strategic Planning & Airport Development Dept	Manager, Aerodrome Planning	3111 Convaiv Drive	Toronto AMF	ON	L5P 1B2	416-776-5022	mark.nowicki@gtaa.com
Mr. Joseph Fischetti	Greater Toronto Airport Authority	Airside Property Leasing and Development	Manager	3111 Convaiv Drive, P.O. Box 6031	Toronto AMF	ON	L5P 1B2	416-776-5818	joseph.fischetti@gtaa.com
Ms. Vanessa Leslie	Ontario Provincial Police		Inspector	2682 Keele Street	Toronto	ON	M3M 3G5	416-236-4981	vanessa.leslie@opp.ca
Ms. Sheryl Maukonen	Ontario Provincial Police	OPP Facilities Section, Accommodation Services Section	Manager	777 Memorial Avenue	Orillia	ON	L3V 7V3	705-329-6825	sheryl.maukonen@ontario.ca
Mr. Nishan Duraigappah	Peel Region Police		Chief	7750 Hurontario Street	Brampton	ON	L6V 3W6	905-453-2121	nishan.duraigappah@peelpolice.ca
Sergeant Cole Heffren									Cole.Heffren@peelpolice.ca
Mr. Peter Dundas	Region of Peel	Peel Regional Paramedic Services	Chief and Director	1600 Bovair Dr. E., 2nd Floor	Brampton	ON	L6R 3S8		peter.dundas@peelregion.ca
Mr. Paul Callanan	Region of Peel	Health Department	Director of Environmental Health	10 Peel Centre Drive	Brampton	ON	L6T 4B9	905-791-7800 x2802	paul.callanan@peelregion.ca
Mr. Darryl Bailey	Town of Caledon	Caledon Fire and Emergency Services	Fire Chief	6311 Old Church Road	Caledon	ON	L7C 1J6	905-584-2272	fire@caledon.ca
<b>SPECIAL INTEREST GROUPS</b>									
Mr. Jim Galloway	Abbeyfield Housing Society Of Caledon			9 McCartney Drive	Caledon	ON	L7C 0B7	613-237-0713	info@abbeyfield.ca
Ms. Judy Henderson	Albion and Bolton Agricultural Society								office@boltonfair.ca
Ms. Isabelle Boltorns	Albion Bolton Historical Society			102 Queen Street N	Bolton	ON	L7E 2M8		ihillerphoto@aol.com
Dr. Bob Williams	Albion Ratepayers Association, Caledon Seniors Council And Probus			13609 Centreville Creek	Caledon	ON	L7C 3B9		alexdriguez@sympatico.ca
Mr. Navneet Budhia	Alectra Utilities							289-775-7327	navneet.budhia@alectrautilities.ca
Mr. David White	Alton Study Group			34 Credit Street	Caledon	ON	L7K 0C4	519-941-3288	
Ms. Bety Starr	Alton Village Association			19871 Main Street	Caledon	ON	L7K 0E3		avdirectors@gmail.com
Ms. Moreen Miller	Alton-Grange Association								allongrangeassociation@hotmail.com
Ms. Judy Mabee	Belfountain Community Organization			760 Forks of the Credit Road	Belfountain	ON	L7K 0E5	416-670-3879	judy.mabee@gmail.com
Ms. Sarah Bohan	Belfountain Heritage Society								sarah.bohan@rogers.com
Mr. Steve Derbyshire	Bolton & District Lions Club								lions@boltonlions.com
Mr. Bill Wilson	Bolton Community Action Site			Box 541	Bolton	ON	L7E 5P4	905-951-1074	
Mr. Richard Hunt	Bolton North Hill Residents Association			82 King Street East	Bolton	ON	L7E 3G2		rich.hunt@sympatico.ca
Sir/Madam Rose Darpino	Bolton Optimist Club			95 Sherin Court	Bolton	ON	L7E 3T6		optimist@acn.net
Mr. Bob Palmateer	Bolton Residents Association Group			215 Ridge Rd	Bolton	ON	L7E 4W2	905-857-3973	
Ms. Sherrin Palmateer	Bolton Rotary - Ann's			85 De Rose Avenue	Bolton	ON	L7E 1A6		boltonrotary@gmail.com
Sir/Madam Domenic Scida	Brampton South West Residents Association			PO Box 405	Bolton	ON	L7E 5T3		
Mr. Warren Darnley	Caledon Accessibility Advisory Committee			88 Matson Drive	Bolton	ON	L7E 5T3		
Mr. Monty Laskin	Caledon Chamber Of Commerce			499 Ray Lawson Blvd, Unit #24, Suite #185	Brampton	ON	L6V 4E6		info@bramptonresidentsassociation.ca
Ms. Karen Hutchinison	Caledon Countryside Alliance			6311 Old Church Road	Caledon	ON	L7C 1J6		chad.curtis@caledon.ca; amanda.fusco@caledon.ca
Ms. Donna Davies	Caledon East and District Historical Society			PO Box 626	Bolton	ON	L7E 5T5	905-857-7393	info@caledonchamber.com
Ms. Andrea Prieur	Caledon East Revitalization Committee			18 King Street Upper Level	Bolton	ON	L7E 1E8	905-584-2300 x213	info@ccs4u.org
Ms. Kay Cook	Caledon East Seniors Club			16555 Humber Station Road	Caledon East	ON	L7E 3A5		karen@caledoncountryside.org
Mr. Neil Morris	Caledon Environmental Advisory Committee								donna.davies@rogers.com
Ms. Ernil O'Hara	Caledon Heritage Foundation			2480 Olde Base Line Rd	Caledon	ON	L7C 0J3		theprieurs@rogers.com
Ms. Kate Hepworth	Caledon Village Association		President						kathcook@outlook.com
Ms. Fay McCrea	Caledon Village Heritage								cristina.guido@caledon.ca; amanda.fusco@caledon.ca
Mr. Ron Hendrix	Catholic Cemeteries & Funeral Services - Archdiocese of Toronto		Project Management Specialist	4950 Yonge Street, Suite 206	Toronto	ON	M2N 6K1	416-733-8544	caledonvillage@rogers.com
Ms. Emelie Rowe	CBRE Limited	Advisory & transaction Services	Planner	2005 Sheppard Avenue East, Suite 900	Cheriton	ON	M2J 5B4	416-495-6233	f.mcrea@sympatico.ca
Ms. Holly Monkman	Cheltenham Area Residents Association		Secretary	220 Ferndale Park Road	Cheltenham	ON	L7C 3J6		rhendrix@cc-fs.ca
Mr. Sharin Aman	Churchill Meadows Residents' Association (CMRA)								hollymonkman2@hotmail.com
Mr. Bobby Amarello	Clarkson Fairfields South Ratepayers Association (CFSRA)								sharizaman@rogers.com
Ms. Penny Richardson	Coalition of Concerned Citizens			446 The Grange Sideroad	Caledon	ON	L7K 1G4	905-838-2590	clarksonfairfieldratepayers@gmail.com
Mr. Greg Pannia	Coalition Of Concerned Residents And Businesses Of Bolton			87 Simpson Road	Bolton	ON	L7E 3R6		pennyrichardson@xplornet.com
Ms. Ranjana Mitra	Community Environment Alliance of Peel								info@communityenvironment.org
Ms. Dianne Palmer	Community School Association - Caledon			3762 Highpoint Sideroad	Caledon	ON	L7K 0J4		
Mr. Andrew Gassmann	Cooksville Munden Park Homeowners Organization (CMPHO)								agassmann@rogers.com
Mr. Chris Mackie	Cranberry Cove Port Credit Ratepayers Association (CCPCRA)								chrismackie@sympatico.ca
Ms. Lorraine Symmes	Credit River Alliance								lorraine@netidea.com
Mr. Ken Patterson	Credit River Anglers Association		Director	PO Box 42093 - 128 Queen St. S	Mississauga	ON	L5M 1K8	905-814-5794	info@cras.on.ca
Ms. Jean Carberry	Downtown Bolton BIA								admin@downtownbolton.ca
Ms. Stephanie Cox	Dufferin-Peel Catholic District SchoolBoard	Planning Department	Manager	40 Matheson Boulevard West	Mississauga	ON	L5R 1C5	905-890-0708 x24163	stephanie.cox@dpdcsb.org
Ms. Krystina Koops	Dufferin-Peel Catholic District School Board		Planner					905-890-0708 x24407	krystina.koops@dpdcsb.org
Mr. Jack McGurn	East Collegeway Ratepayers Association (ECRA)		Secretary Treasurer	1700 The Collegeway, Unit 105	Mississauga	ON	L5L 4M2		etobicokecrekresidents@gmail.com
Ms. Donna Farron	ecoCaledon								info@ecocalledon.org
Mr. Aaron Wouters	Erindale Village Association (EVA)								Aaron.wouters@gmail.com
Ms. Jane Phillips	Erindale Village Association (EVA)								jphillips27@gmail.com
Mr. Bill McIlveen	Extended Meadowvale Village Residents Association (EMVRA)								meadowvalevillageresidents@gmail.com
Ms. Sylvia Cheuy	Halton-North Peel Naturalists Club								wmcilveen@sympatico.ca
Ms. Jayme Gaspar	Headwaters Communities in Action								schuey@sympatico.ca
Ms. Mary Hillcrest	Headwaters Communities in Action		Executive Director	The Grange1921 Dundas Street West	Mississauga	ON	L5K 1R2	905-828-8411 x. 31	mary.hillcrest@headwatersmississauga.org





## Appendix B-2 – Tactical Advisory Group (TAG) List

Region of Peel  
Stormwater Master Plan

TAG List

Agency	First Name	Last Name	Email
City of Brampton	Michael	Heralall	Michael.Heralall@brampton.ca
City of Brampton	Marina	KhinichKreynin	Marina.KhinichKreynin@brampton.ca
City of Brampton	Prasenjit	Roy	Prasenjit.Roy@brampton.ca
City of Mississauga	Evelyn	Krolicka	Evelyn.Krolicka@mississauga.ca>
City of Mississauga	Scott	Perry	Scott.Perry@mississauga.ca
CVC	Jakub	Kilis	Jakub.kilis@cvc.ca
HRCA	Jonathan	Pounder	jpounder@hrca.on.ca
Region of Peel	Tamara	Alexander	tamara.alexander@peelregion.ca
Region of Peel	Gail	Anderson	gail.anderson@peelregion.ca
Region of Peel	Mayuri	Bharkhada	mayuri.bharkhada@peelregion.ca
Region of Peel	Laura	Borowiec	laura.borowiec@peelregion.ca
Region of Peel	Leanne	Brannigan	leanne.brannigan@peelregion.ca
Region of Peel	Sean	Carrick	sean.carrick@peelregion.ca
Region of Peel	Mark	Crawford	mark.crawford@peelregion.ca
Region of Peel	Heather	Crawford	heather.crawford@peelregion.ca
Region of Peel	Richa	Dave	richa.dave@peelregion.ca
Region of Peel	Christopher	Despins	christopher.despins@peelregion.ca
Region of Peel	Tina	Detaramani	tina.detaramani@peelregion.ca
Region of Peel	Daniel	Eberhardt	daniel.eberhardt@peelregion.ca
Region of Peel	Therese	Estephan	therese.estephan@peelregion.ca
Region of Peel	Rob	Flindall	rob.flindall@peelregion.ca
Region of Peel	Mark	Head	mark.head@peelregion.ca
Region of Peel	Jennifer	Lanthier	jennifer.lanthier@peelregion.ca
Region of Peel	Sandy	Lovisotto	sandy.lovisotto@peelregion.ca
Region of Peel	Learie	Miller	learie.miller@peelregion.ca
Region of Peel	Marsha	Paley	marsha.paley@peelregion.ca
Region of Peel	Samantha	Paquette	samantha.paquette@peelregion.ca
Region of Peel	Italia	Ponce Vanelli	italia.ponce@peelregion.ca
Region of Peel	Sally	Rook	sally.rook@peelregion.ca
Region of Peel	Asha	Saddi	asha.saddi@peelregion.ca
Region of Peel	Sakshi	Saini	sakshi.saini@peelregion.ca
Region of Peel	Sabbir	Saiyed	sabbir.saiyed@peelregion.ca
Region of Peel	Jeremy	Schembri	jeremy.schembri@peelregion.ca
Region of Peel	Neal	Smith	neal.smith@peelregion.ca
Region of Peel	Bernadette	Sniatenchuk	bernadette.sniatenchuk@peelregion.ca
Region of Peel	Christine	Tu	christine.tu@peelregion.ca
Region of Peel	Solmaz	Zia	solmaz.zia@peelregion.ca
Town of Caledon	Ryan	Grodecki	Ryan.Grodecki@caledon.ca
Town of Caledon	Rita	Juliao	Rita.Juliao@caledon.ca
Town of Caledon	Cassie	Schembri	Cassie.Schembri@caledon.ca
TRCA	Emma	Benko	emma.benko@trca.ca
TRCA	Shirin	Varzgani	Shirin.Varzgani@trca.ca

## Appendix C-3 – Study Commencement and PIC#1

# Public Information Centre No.1 Summary Report

Regional Municipality of Peel

Stormwater Servicing Master Plan for Regional Road  
Infrastructure

---

Prepared by GM BluePlan Engineering Limited



Project No. 719020

June 2020

## TABLE OF CONTENTS

<b>1.</b>	<b>BACKGROUND AND INTRODUCTION .....</b>	<b>1</b>
1.1	COVID-19 Protocol Implementation .....	3
1.2	Class EA Context .....	3
<b>2.</b>	<b>PUBLIC INFORMATION CENTRE NO. 1 .....</b>	<b>5</b>
2.1	Purpose .....	5
2.2	Pre-PIC Stakeholder Meetings .....	5
2.3	Notifications .....	5
<b>2.3.1</b>	<b>Newspaper and Online Advertisement .....</b>	<b>5</b>
<b>2.3.2</b>	<b>Mail Out.....</b>	<b>6</b>
2.4	PIC 1 Dates, Times, and Locations .....	6
2.5	PIC No. 1 Display Panels .....	6
2.6	Comments and Responses .....	6
<b>3.</b>	<b>NEXT STEPS .....</b>	<b>7</b>

## APPENDICES

<b>Appendix A</b>	Notice of Commencement and PIC No. 1
<b>Appendix B</b>	Newspaper Advertisement
<b>Appendix C</b>	PIC No. 1 Display Boards
<b>Appendix D</b>	Stakeholder Received Comments

## 1. Background and Introduction

The Regional Municipality of Peel (Peel Region) initiated a Stormwater Servicing Master Plan for Regional Road Infrastructure (Stormwater Master Plan) to develop a Municipal Class Environmental Assessment (EA) approach to guide stormwater management services. It will provide a strategic, economical, and optimized vision that will guide Peel Region into the 2041 horizon year. This process will also provide the Region with a basis to make sound decisions to service current and future growth in a manner that addresses the expected impacts of climate change.

The study is being undertaken in accordance with the Master Planning process (Approach No. 2) as set out in Section A.2.7 of the Municipal Engineer Association (MEA) (October 2000, as amended in 2007, 2011 & 2015). This approach involves the preparation of a Master Plan document at the conclusion of Phase 1 and 2 of the Class EA process.

The study area encompasses the Peel Region, with a particular focus on Regional roads. **Figure 1** provides the study area for the Master Plan. It includes the City of Mississauga, City of Brampton and the Town of Caledon.

A key part of the public consultation component is the Public Information Centre (PIC), which serves as a forum for information exchange between the public/stakeholders and the project team.

The PIC No. 1 Summary Report represents one element of the overall Class EA documentation. The report documents the following:

- Information presented at PIC No. 1;
- All comments received, and responses provided; and,
- Summarized table of comments received, and responses provided in order to track correspondence in a transparent and traceable manner.

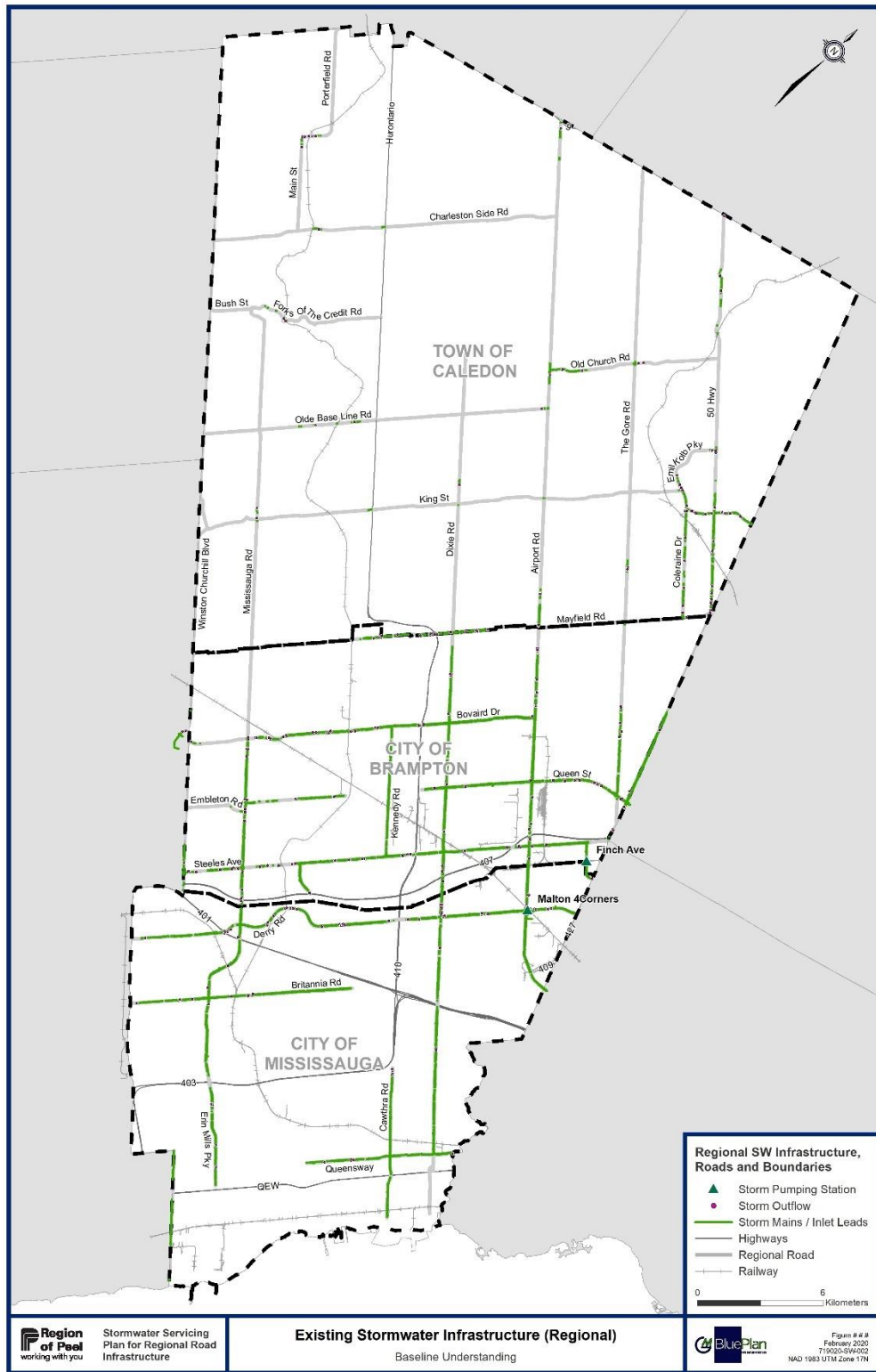


Figure 1: Study Area

## 1.1 COVID-19 Protocol Implementation

Municipal infrastructure services, including stormwater, were considered an essential service during the COVID-19 pandemic. The Stormwater Master Plan is a key component of future stormwater infrastructure planning and therefore continued through the Province of Ontario's Emergency Orders caused by the COVID-19 pandemic. However, due to Emergency Orders taking effect on March 17, 2020, PIC No. 1 was held virtually on the Peel Region website to ensure the safety of the Region's residents. As such, the following was completed to ensure communication with interested stakeholders:

- Notice of Commencement and PIC No. 1 was sent by email to all stakeholders on the study contact list;
- Communication / consultation with stakeholders was completed through email or virtual meetings (after March 17, 2020); and,
- Indigenous Communities were contacted to determine the best communication approach.

## 1.2 Class EA Context

The study follows the Master Planning process (Approach No. 2) as outlined in the Municipal Engineers Association (MEA) Municipal Class EA (Oct. 2000, as amended in 2007, 2011 and 2015). This approach involves the preparation of a Master Plan document at the conclusion of Phase 1 and 2 of the Class EA process (**Figure 2**). Public consultation is a vital component of the Class EA process and ensures transparency through encouraging stakeholder and public involvement.

The study work plan provides for two rounds of PICs. The first round (PIC No. 1) was held virtually beginning on May 21, 2020; with the intent to introduce the project, provide study background and overview of the existing Regional stormwater system, and present the problem/opportunity statement.



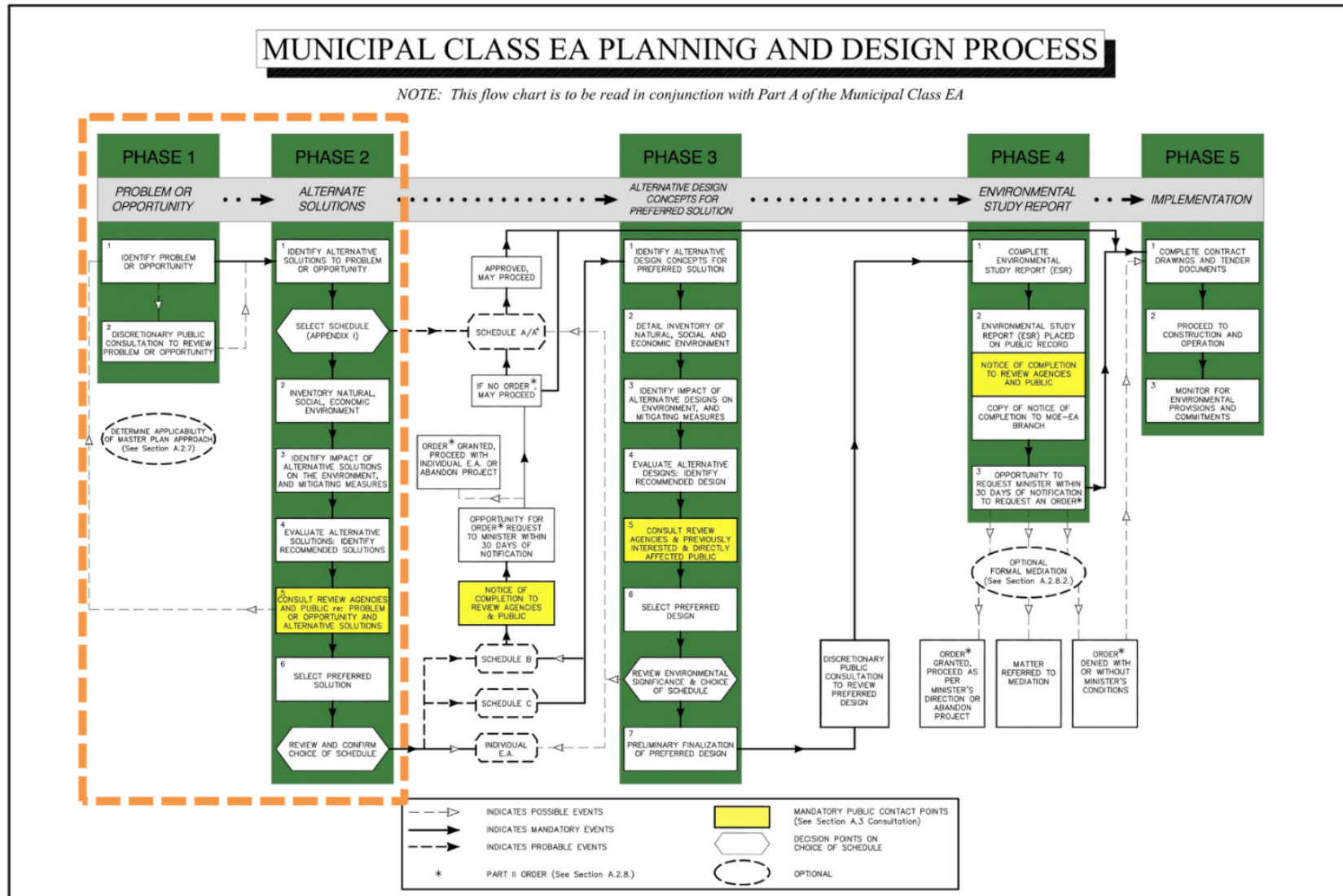


Figure 2 – Municipal Class EA Planning and Design Process

## 2. PUBLIC INFORMATION CENTRE NO. 1

### 2.1 Purpose

PIC No. 1 was held virtually on the Peel Region website beginning on May 21, 2020 and was intended to:

- Introduce the study to the public;
- Describe the Class EA process;
- Identify the problem and opportunity;
- Present baseline information such as the existing systems and natural heritage and environmental features; and,
- Receive public input and answer any questions.

### 2.2 Pre-PIC Stakeholder Meetings

Prior to hosting PIC No. 1, Peel Region and GM BluePlan met with key stakeholders to introduce the project, describe the Class EA process and receive any initial feedback. **Table 1** provides the key stakeholders that were consulted prior to PIC No. 1.

**Table 1: Pre-PIC Stakeholder Consultation**

Stakeholder	Meeting Date
City of Mississauga	October 10, 2019 & November 13, 2019
Toronto and Region Conservation Authority (TRCA)	October 11, 2019
City of Brampton	October 15, 2019
Town of Caledon	October 17, 2019
Credit Valley Conservation Area (CVC)	October 18, 2019

### 2.3 Notifications

Stakeholders and the public were informed of the PIC by newspaper advertisements, by email and through the Peel Region website. The Notice is provided in **Appendix A**.

#### 2.3.1 Newspaper and Online Advertisement

The Notice of Commencement and PIC No. 1 was published on May 21, 2020 and May 28, 2020 in the following local newspapers/publications:

- Mississauga News
- Brampton Guardian

- Caledon Enterprise

**Appendix B** provides a copy of the advertisement included in the above newspapers.

The Notice was also posted on the Peel Region website:

<https://www.peelregion.ca/pw/transportation/residents/sw-road-infrastructure.asp>

The website includes details on the study's contact person for public and stakeholder communication and has information of future project notifications.

### **2.3.2 Mail Out**

The Notice of Commencement and PIC No. 1 was dated May 21, 2020 and emailed to local government, review agencies and other stakeholders.

## **2.4 PIC 1 Dates, Times, and Locations**

PIC No. 1 was held virtually on the Peel Region study website beginning on May 21, 2020.

## **2.5 PIC No. 1 Display Panels**

Display boards were provided on the Peel Region study website. The information provided for PIC No. 1 included:

- Municipal Class EA Process and Consultation;
- Study Purpose and Background;
- Guiding Principles and Objectives;
- Study Area and Existing Stormwater System;
- Evaluation Criteria;
- Natural Features and Socio-Economic/Cultural Existing Conditions;
- Opportunities and Constraints;
- Preliminary Servicing Concepts; and,
- How to Get Involved.

The PIC No. 1 display boards are provided in **Appendix C**.

## **2.6 Comments and Responses**

The contact information for the Region's Project Manager was provided for any questions and/or comments on the study. Comments were received via email. A summary of the comments received is shown in **Appendix D**.

### 3. NEXT STEPS

Following the first round of public consultation, the project team will:

- Review and consider all stakeholder input received during Phase 1 of the Class EA process;
- Respond to comments when required;
- Develop the stormwater servicing solution alternatives;
- Confirm the preliminary preferred solution;
- Continue to work with review agencies and stakeholders;
- Prepare for PIC No. 2;
- Advertise the Notice of PIC No. 2; and,
- Collect additional comments and input to confirm the preferred stormwater servicing solution.

---

Appendix A - Notice of Commencement and PIC No. 1

## NOTICE OF STUDY COMMENCEMENT AND PUBLIC INFORMATION CENTRE NO. 1 Stormwater Servicing Master Plan for Regional Road Infrastructure

### Background

The Region of Peel has begun a strategic and integrated infrastructure planning initiative to develop a Stormwater Servicing Master Plan for Regional Roads. The process will provide the Region with a basis to make sound decisions to service current and future growth that addresses existing issues and the expected impacts of climate change. The Stormwater Servicing Master Plan will provide a strategic, economical, and optimized vision that will guide the Region of Peel into the 2041 horizon year.

### Process

This study is being planned in accordance with the Master Planning process (Approach #2) as set out in Section A.2.7 of the Municipal Engineer Association (MEA) Class EA (October 2000, as amended in 2007, 2011& 2015). This approach involves the preparation of a Master Plan document at the conclusion of Phase 1 and 2 of the Class EA process.

### Your Input is Important

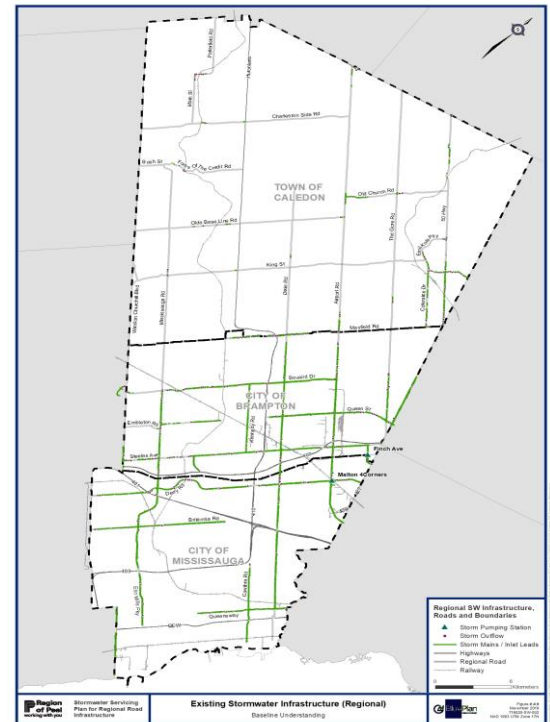
The study will take approximately two years to complete. The Region wants to ensure that anyone with an interest in this study has the opportunity to be involved and to provide input. Public Information Centres (PICs) will be held throughout this study. Due to COVID-19 Provincial guidelines on physical distancing, the first in-person PIC is cancelled, however, the presentation material will be available online through the Region of Peel website: <https://www.peelregion.ca/pw/transportation/residents/sw-road-infrastructure.asp>. Presentation material will be posted on May 21, 2020 to present the study including the existing study area and the problem/opportunity statement.

### Contact

To be added to the mailing list, provide feedback or to receive further information about the project, please contact:

**Syeda Banuri, M.Eng., P.Eng., Project Manager**  
Region of Peel  
10 Peel Centre Drive, Suite B, Brampton, ON, L6T 4B9  
Phone: 416-407-7860  
Email: [syeda.banuri@peelregion.ca](mailto:syeda.banuri@peelregion.ca)

**James Jorgensen, B.SC., C.WEM, C.ENV, MIAM**  
GM BluePlan Engineering  
3300 Highway No. 7, Suite 402, Vaughan, ON, L4K 4M3  
Phone: 289-527-0570  
Email: [james.jorgensen@gmblueplan.ca](mailto:james.jorgensen@gmblueplan.ca)



### Construction Statement Regarding COVID-19

Critical infrastructure construction is an essential service. We're keeping employees, contractors and the community safe by complying with [provincial guidelines](#), physical distancing, using personal protective equipment, and adjusting work schedules and shifts.

Construction project updates can be found at [peelregion.ca/construction](https://www.peelregion.ca/construction).

Follow [Peel Public Works on Twitter](#) for service updates and changes.

The Region of Peel is committed to ensure that all Regional services, programs and facilities are inclusive and accessible for persons with disabilities. Please contact the Project Manager if you need any disability accommodations to provide comments or feedback for this study.

**This notice was first issued on May 21, 2020**

---

## Appendix B - Newspaper Advertisement

## NOTICE OF STUDY COMMENCEMENT AND PUBLIC INFORMATION CENTRE NO. 1 Stormwater Servicing Master Plan for Regional Road Infrastructure

### Background

The Region of Peel has begun a strategic and integrated infrastructure planning initiative to develop a Stormwater Servicing Master Plan for Regional Roads. The process will provide the Region with a basis to make sound decisions to service current and future growth that addresses existing issues and the expected impacts of climate change. The Stormwater Servicing Master Plan will provide a strategic, economical, and optimized vision that will guide the Region of Peel into the 2041 horizon year.

### Process

This study is being planned in accordance with the Master Planning process (Approach #2) as set out in Section A.2.7 of the Municipal Engineer Association (MEA) Class EA (October 2000, as amended in 2007, 2011 & 2015). This approach involves the preparation of a Master Plan document at the conclusion of Phase 1 and 2 of the Class EA process.

### Your Input is Important

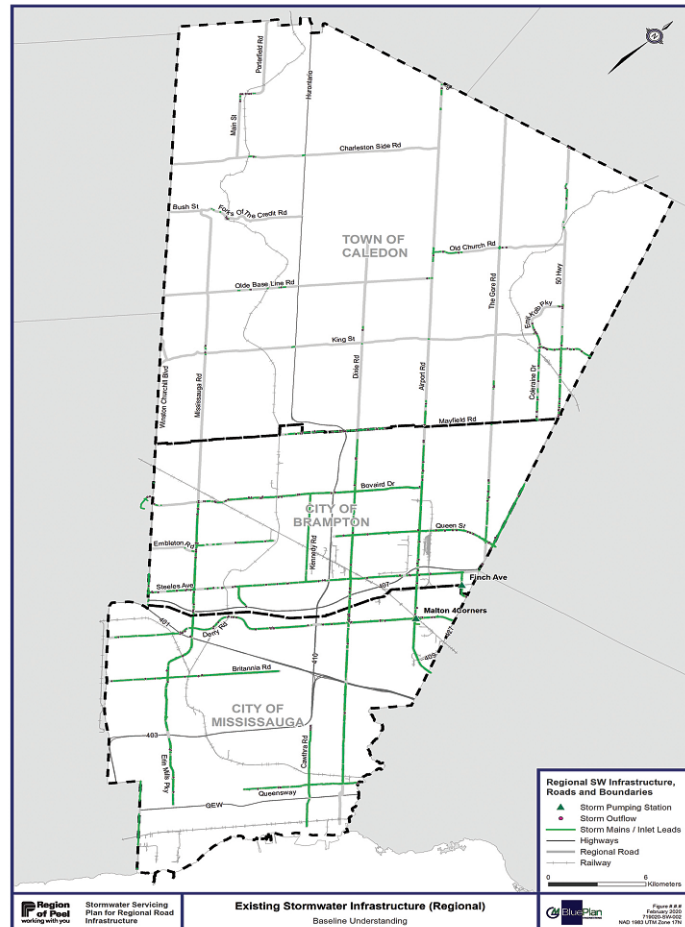
The study will take approximately two years to complete. The Region wants to ensure that anyone with an interest in this study has the opportunity to be involved and to provide input. Public Information Centres (PICs) will be held throughout this study. Due to COVID-19 Provincial guidelines on physical distancing, the first in-person PIC is cancelled, however, the presentation material will be available online through the Region of Peel website: <https://www.peelregion.ca/pw/transportation/residents/sw-road-infrastructure.asp>. Presentation material will be posted on May 21, 2020 to present the study including the existing study area and the problem/opportunity statement.

### Contact

To be added to the mailing list, provide feedback or to receive further information about the project, please contact:

**Syeda Banuri, M.Eng., P.Eng., Project Manager**  
Region of Peel  
10 Peel Centre Drive, Suite B, Brampton, ON, L6T 4B9  
Phone: 416-407-7860  
Email: [syeda.banuri@peelregion.ca](mailto:syeda.banuri@peelregion.ca)

**James Jorgensen, B.SC., C.WEM, C.ENV, MIAM**  
GM BluePlan Engineering  
3300 Highway No. 7, Suite 402, Vaughan, ON, L4K 4M3  
Phone: 289-527-0570  
Email: [james.jorgensen@gmblueplan.ca](mailto:james.jorgensen@gmblueplan.ca)



### Construction Statement Regarding COVID-19

Critical infrastructure construction is an essential service. We're keeping employees, contractors and the community safe by complying with [provincial guidelines](#), physical distancing, using personal protective equipment, and adjusting work schedules and shifts.

Construction project updates can be found at [peelregion.ca/construction](https://www.peelregion.ca/construction). Follow [Peel Public Works on Twitter](#) for service updates and changes.

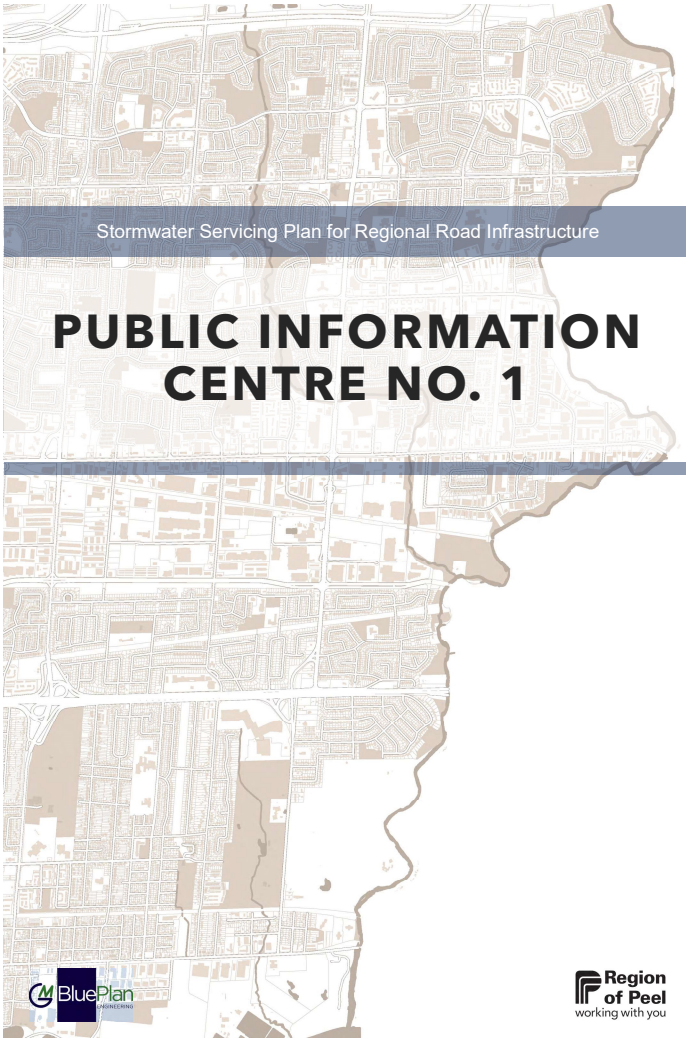
The Region of Peel is committed to ensure that all Regional services, programs and facilities are inclusive and accessible for persons with disabilities. Please contact the Project Manager if you need any disability accommodations to provide comments or feedback for this study.

**This notice was first issued on May 21, 2020**



---

## Appendix C - PIC No. 1 Display Boards



Stormwater Servicing Plan for Regional Road Infrastructure

# PUBLIC INFORMATION CENTRE NO. 1



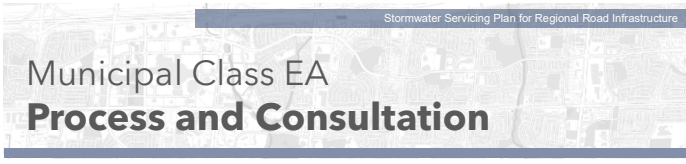
## Welcome!

The purpose of this Public Information Centre (PIC) No. 1 is to inform you of the study's purpose, project steps, and schedule, and to receive feedback from you on the information presented.

- Review the display materials.
- Members of the study team are available to answer questions.
- Provide your comments in the form provided, as your opinion will influence this study.

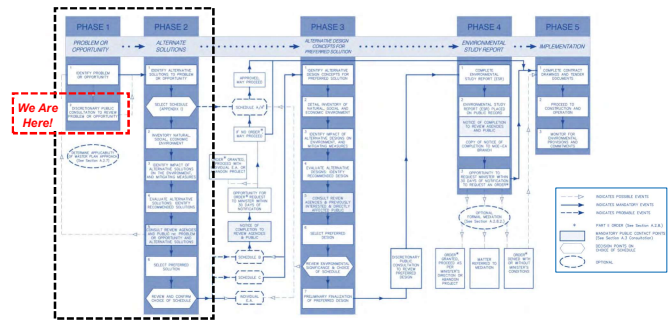
## Key Themes

- Study Process
- Project Background and Introduction
- Preliminary Strategies
- Consultation and Engagement



## Municipal Class EA Process and Consultation

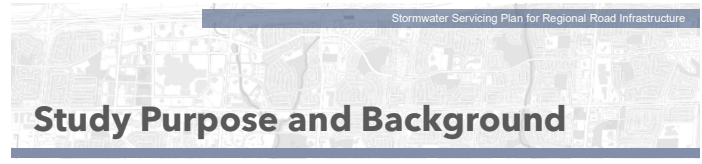
The scope of this study involves the completion of Phase 1 and Phase 2 of the MEA Municipal Class Environmental Assessment (EA) process. The final Environmental Assessment report will be filed under the MEA Municipal Class Environmental Assessment.



## Project Schedule Timeline

Phase 1	Phase 2	Final Report
Identify and Describe the Problem / Opportunity Statement	Complete Study Area Inventory Identify and Evaluate Alternative Solutions	Documentation of Recommended Alternative Solutions for Stormwater Servicing
<b>PIC NO. 1 We Are Here!</b> Public Consultation March 25, 2020	<b>PIC NO. 2</b> Public Consultation / Review Agency Contact Point January 2021	<b>Notice of Completion</b> Summer 2021

The study follows the Master Plan process as outlined in Section A.2.7 of the Municipal Engineers Association (MEA) Municipal Class Environmental Assessment (Oct 2000, as amended in 2004, 2007, 2011 and 2015). The scope of the study involves the completion of Phase 1 and Phase 2 of the MEA Municipal Class Environmental Assessment process.



## Study Purpose and Background

### Opportunity Statement

Provide efficient stormwater servicing to existing and future Regional road infrastructure by taking into account existing ageing infrastructure, growth, natural environment, climate change and compliance within regulatory framework.

### Project Goals

- Provide a strategic, economical, and optimized stormwater servicing plan that will guide the Region of Peel to 2041.
- Establish the tools and processes necessary to move from an opportunistic servicing approach to a planned, evidence-based servicing strategy.
- As the first plan of its kind for the Region this project will set the stage for future updates and improvements as more information becomes available.

Stormwater services are critical to support the Region's environment and community focused vision.



# Guiding Principles and Objectives

## Primary Policy Statements

- Minimize, or, where possible, prevent increases in contaminant loads.
- Minimize changes in water balance and erosion.
- Not increase risks to human health and safety and property damage.
- Maximize the extent and function of vegetative and pervious surfaces, and
- Promote stormwater management best practices, including stormwater attenuation and re-use, and low impact development.

## Key Study Objectives

### Comprehensive Stormwater Servicing Strategy

Consider the impacts of population growth and climate change, and how to mitigate them.

### Develop a Computer Model

Create a stormwater computer model to help assess and evaluate the system for existing, future and climate change scenarios.

### Establish Levels of Service

Identify the expectations of stakeholders and community. Establish measurable customer and technical levels of service.

### Develop an Optimal Implementation Plan

Identify the cost and timing for specific work to be undertaken to achieve the preferred strategy.

The primary policy statements align with the *Provincial Policy Statement, 2014 (Section 1.6.6.7)*



# Study Area

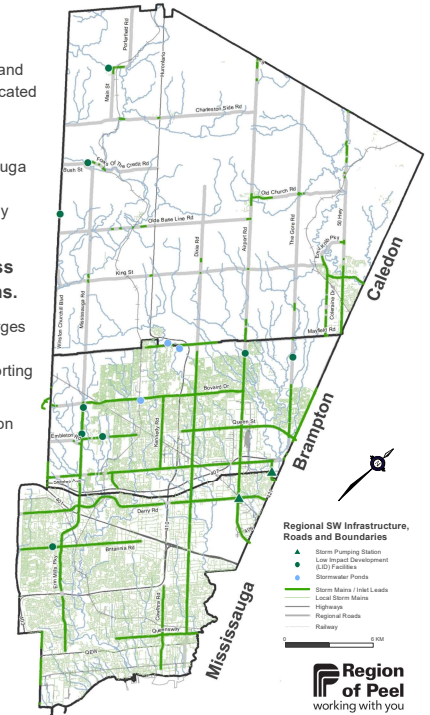
This project will focus on the stormwater infrastructure located within the Regional road right-of-way.

## Stormwater infrastructure is a two-tiered system.

- The Region of Peel owns and maintains 26 Regional Roads and all stormwater infrastructure located within the right-of-way.
- The Town of Caledon, City of Brampton and City of Mississauga all have separate stormwater systems to convey rainfall away from their neighbourhoods.

## Stormwater charges address lower tier municipal systems.

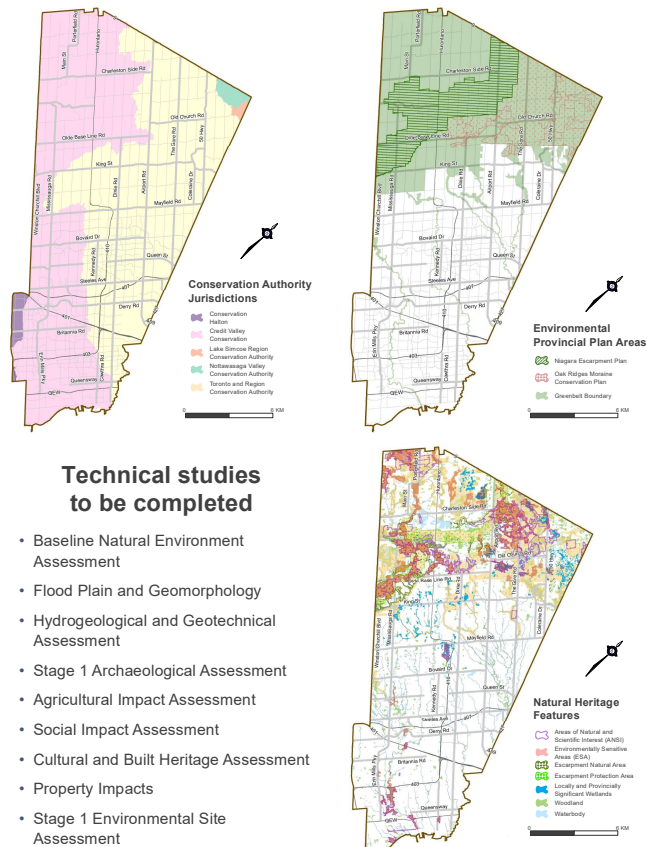
- There may be stormwater charges where you live but the revenue generated goes towards supporting your local system.
- None of that revenue is spent on the Regional system!



# Multiple Bottom Line Decision Making



# Natural Environment



## Technical studies to be completed

- Baseline Natural Environment Assessment
- Flood Plain and Geomorphology
- Hydrogeological and Geotechnical Assessment
- Stage 1 Archaeological Assessment
- Agricultural Impact Assessment
- Social Impact Assessment
- Cultural and Built Heritage Assessment
- Property Impacts
- Stage 1 Environmental Site Assessment

# Opportunity and Constraints

**Optimize maintenance of existing stormwater structure such as Low Impact Developments (LID)**

**Opportunity for new LID implementation on Regional roads as growth and greenfield development occurs**

**Opportunity for integration with Long Range Transportation Plan**

**Explore potential to integrate LID features with multi-use sidewalks and trails**

**Opportunity to enhance collaboration between asset owners**

**Potential opportunity to optimize stormwater pumping stations**

**Urban areas present space restrictions. Retrofitting LID opportunities will be explored**

**Maintain or enhance water quality in environmentally sensitive areas**

**Opportunity to turn stormwater structures into a community benefit**

**Capacity assessment of existing assets will inform future needs**

**Opportunity to integrate growth and renewal needs**

**Opportunity to identify and fill data gaps and improve data confidence**

**Regional SW Infrastructure, Roads and Boundaries**

- Storm Pumping Station
- Storm Oil Grit Separator
- Low Impact Development (LID) Facilities
- Stormwater Ponds
- Environmentally Sensitive Areas (ESA)
- Storm Marks / Inlet Leads
- Local Storm Mains
- Road Projects
- Highways
- Regional Road
- Railway

Region of Peel working with you

# We Want to Hear From You!

## How to Stay Involved

- Visit our website: <http://rop.dev.peelregion.ca/pw/transportation/residents/sw-road-infrastructure.asp>
- Follow us on social media: [www.facebook.com/regionofpeel](http://www.facebook.com/regionofpeel) and [www.twitter.com/regionofpeel](http://www.twitter.com/regionofpeel)
- Attend Public Information Centre (PIC) No. 2.

## Get Engaged!



Please fill out the comment sheet to let us know your thoughts. Your feedback will be used to help inform the decision-making process.

### Comments may include:

- What do you believe is the most important outcome of this study?
- "I believe this study will be a success if \_\_\_\_\_."
- Which considerations are most important to you?

Please leave your comments here

Thank You for Participating!

Stay Involved by checking the site regularly

Feedback is an essential part of the planning process

Information provided is confidential and will not be shared with the public

Comments will be reviewed and responded to by the project team

Comments will be reviewed and responded to by the project team

Comments will be reviewed and responded to by the project team

Contact Information

First and Last Name: \_\_\_\_\_

Organization or Institution: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

Province: \_\_\_\_\_

Country: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Date: \_\_\_\_\_

Please note that information related to this study will be collected in accordance with the Freedom of Information and Protection of Privacy Act. All comments received will become part of the public record and may be included in the study documentation prepared for public review.

# Preliminary Servicing Concepts

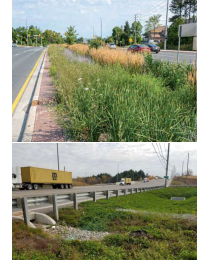
## Strategies or solutions may include:

- Low Impact Development (LID) practices for water quality and flooding control;
- Modify operating practices (including street sweeping, salting, catch basins cleanouts, pond dredging, etc.); and
- Reconstruct portions of the system with larger storm sewers to increase overall system capacity during uncommon heavy rainfalls.



## Low Impact Development (LID):

- Infrastructure that mimics natural processes that result in the infiltration, evapotranspiration or use of stormwater in order to protect water quality and associated aquatic habitat.
- The Region has implemented 9 LID facilities and have more in the design and planning phase!



## Changing the attitude of stormwater management

*A service-based perspective helps promote stormwater management as community benefit.*

# Please Stay Engaged

## Thank You for Participating!

### Following this Public Information Centre, the project team will:

- Review and consider your input received during and following the PIC.
- Develop and evaluate the preliminary Stormwater Servicing Strategies.
- Host PIC 2 in early 2021 to present the preliminary preferred strategy.

### Do you have any questions, comments, or want to stay up to date? Please contact us anytime.

**Syeda Banuri, M.Eng., P.Eng.**  
Project Manager

Regional Municipality of Peel  
10 Peel Centre Drive, 4<sup>th</sup> Floor Suite B  
Brampton, ON L6T 4B9  
905-791-7800, EXT. 4052  
[syeda.banuri@peelregion.ca](mailto:syeda.banuri@peelregion.ca)

**James Jorgensen, B.Sc., C.WEM,**  
C.ENV, MIAM

GM BluePlan Engineering  
3300 Highway No. 7, Suite 402,  
Vaughan, ON, L4K 4M3  
416-703-0667 EXT. 7209  
[james.jorgensen@gmblueplan.ca](mailto:james.jorgensen@gmblueplan.ca)



Please note that information related to this study will be collected in accordance with the Freedom of Information and Protection of Privacy Act. All comments received will become part of the public record and may be included in the study documentation prepared for public review.

---

## Appendix D - Stakeholder Received Comments

Stakeholder Group	Organization	From	To	Communication Type	Comment	Date Received	Action	Action Date	Project Stage
Municipal	Town of Caledon	Zachary Francisco	Casey Blakely, Cassie Schembri, Vedit Aneja	Email	- Project introduction and invitation to kickoff meeting - Initial request for information	25-Sep-19	- Comment filed - Coordination of kickoff meeting - Provided Stakeholder with kick-off meeting package	17-Oct-19	Phase 1 EA
Municipal	City of Mississauga	Zachary Francisco	Muneef Ahmad, Thomas Nightingale	Email	- Project introduction and invitation to kickoff meeting - Initial request for information	25-Sep-19	- Comment filed - Coordination of kickoff meeting - Provided Stakeholder with kick-off meeting package	10-Oct-19	Phase 1 EA
Municipal	City of Brampton	Zachary Francisco	Michael Herall	Email	- Project introduction and invitation to kickoff meeting - Initial request for information	25-Sep-19	- Comment filed - Coordination of kickoff meeting - Provided Stakeholder with kick-off meeting package	15-Oct-19	Phase 1 EA
Conservation Authorities	Credit Valley Conservation Authority (CVC)	Zachary Francisco	Christine Zimmer, Jakub Kilis	Email	- Project introduction and invitation to kickoff meeting - Initial request for information - Stakeholder provided additional information Level of Service for Stormwater infrastructure	25-Sep-19	- Comment filed - Coordination of kickoff meeting - Provided Stakeholder with kick-off meeting package	18-Oct-19	Phase 1 EA
Conservation Authorities	Toronto and Region Conservation Authority (TRCA)	Zachary Francisco	Sharon Lingertat	Email	- Project introduction and invitation to kickoff meeting - Initial request for information - Stakeholder advised of contact for this study	25-Sep-19	- Comment filed - Coordination of kickoff meeting - Provided Stakeholder with kick-off meeting package - Contact list updated	11-Oct-19	Phase 1 EA
Conservation Authorities	Conservation Halton	Zachary Francisco	Jonathan Pounder	Email	- Introduction and Project Background	14-Jan-20	- Comment acknowledged filed	14-Jan-20	Phase 1 EA
Provincial	Ministry of Environment, Climate Change and Parks (MECP)	Trevor Bell	Syeda Banuri	Email	- Stakeholder provided a letter of receipt of Notice of Commencement as well as provided information to be considered throughout the study - Stakeholder also provided a list of Indigenous Communities to be added to the contact list for consultation on the study	1-May-20	- Comment filed - Comment to be considered throughout the study - Indigenous communities added to the contact list	1-May-20	Phase 1 EA
Municipal	Region of Peel	Syeda Banuri	Region of Peel TAG Committee	Email	- Provided information on the study to key member of the Region of Peel team	14-May-20	- Comment filed	14-May-20	Phase 1 EA
Municipal	City of Mississauga	George Carlson	Syeda Banuri	Email	- Stakeholder provided additional contacts to be added to the contact list	15-May-20	- Comment filed - Additional contacts added to the contact list	21-May-20	Phase 1 EA
Municipal	Peel Police	Angie Butterwick	Sandra Anastasio	Email	- Acknowledged receipt of Notice of Commencement	21-May-20	- Comment filed	21-May-20	Phase 1 EA
Interested Stakeholder	N/A	Resident	Sandra Anastasio	Email	- Stakeholder requested to be removed from the contact list	21-May-20	- Comment filed - Contact removed from contact list	21-May-20	Phase 1 EA
Utilities	Rogers	Richard Humpage	Sandra Anastasio	Email	- Stakeholder requested to be removed from the contact list	22-May-20	- Comment filed - Contact removed from contact list	22-May-20	Phase 1 EA
Interested Stakeholder	N/A	Resident	Syeda Banuri	Email	- Stakeholder requested to be added to the contact list and provided information on his interest in this project	22-May-20	- Comment filed - Contact added to contact list	25-May-20	Phase 1 EA
Interested Stakeholder	N/A	Resident	Syeda Banuri	Email	- Stakeholder advised on stormwater flooding issues at their residence	23-May-20	- Comment filed - Follow-up with address request to further look into this issue - Contact added to contact list	23-May-20	Phase 1 EA
Interested Stakeholder	Erindale Village Association	Jane Phillips	Syeda Banuri	Email	- Stakeholder requested to be added to the contact list	23-May-20	- Comment filed - Contact added to contact list	23-May-20	Phase 1 EA
Conservation Authorities	Lake Simcoe Region Conservation Authority (LSRCA)	Melinda Bessey	Zachary Francisco	Email	- Stakeholder advised that the study does not affect the LSRCA watershed therefore requested to be removed from contact list	25-May-20	- Comment filed - Contact removed from contact list	25-May-20	Phase 1 EA
Provincial	Ministry of Agriculture, Food and Rural Affairs	Anneleis Eckert	Syeda Banuri, James Jorgensen	Email	- Stakeholder requested a change of contact for study	25-May-20	- Comment filed - Contact information updated in contact list	25-May-20	Phase 1 EA
Utilities	Trans Nother Pipelines	Alyssa Rhynold	Sandra Anastasio	Email	- Stakeholder provided information regarding their utility assets within the study area to be considered in this study. Stakeholder provided policies and procedures to adhere to if works are to be completed near their assets.	31-May-20	- Comment filed - Comment to be considered throughout the study	31-May-20	Phase 1 EA

Stakeholder Group	Organization	From	To	Communication Type	Comment	Date Received	Action	Action Date	Project Stage
Municipal	City of Mississauga	Jordan Letkeman	Syeda Banuri, James Jorgensen	Email	- Stakeholder provided stormwater network information to be considered in this study	11-Dec-20	- Comment filed - Comment to be considered throughout the study	11-Dec-20	Phase 1 EA
Transportation	Transport Canada	Environmental Assessment Program	Sandra Anastasio	Email	- Stakeholder advised the conditions as to which Transport Canada would be included on the contact list for self-assessment	5-Jun-20	- Comment filed - According to the self-assessment, stakeholder is not required on the contact list at this time - Stakeholder removed from contact list	6-Jun-20	Phase 1 EA
Provincial	Ministry of Heritage, Sport, Tourism, and Culture Industries (MHSTCI)	Joseph Harvey	Syeda Banuri	Email	- Stakeholder provided a letter of receipt of Notice of Commencement as well as provided information to be considered throughout the study	9-Jun-20	- Comment filed - Comment to be considered throughout the study	9-Jun-20	Phase 1 EA
Conservation Authorities	TRCA	Caroline Mugo	Syeda Banuri	Email	- Stakeholder provided a letter of receipt of Notice of Commencement as well as provided information to be considered throughout the study	10-Jun-20	- Comment filed - Comment to be considered throughout the study	10-Jun-20	Phase 1 EA
Municipal	Town of Oakville	Philip Kelly	Syeda Banuri	Email	- Stakeholder provided Town contacts for future correspondence	11-Jun-20	- Comment filed - Contact list updated	11-Jun-20	Phase 1 EA
Municipal	City of Vaughan	Diego Velasquez	Syeda Banuri	Email	- Stakeholder provided City contacts for future correspondence	12-Jun-20	- Comment filed - Contact list updated	12-Jun-20	Phase 1 EA
Provincial	MECP	Megan Eplett	Sandra Anastasio	Email	- Stakeholder acknowledged receipt of Notice - Stakeholder requested to remain on contact list to receive study updates on study area	16-Jun-20	- Comment filed	16-Jun-20	Phase 1 EA
Provincial	MECP	Syeda Banuri	Sandra Anastasio	Email	- Meeting minutes from a monthly conference call with Region of Peel and MECP (Species at Risk) - MECP advised that there are no issues with the project at this stage however, would like more details once they become available for permitting timing.	16-Jun-20	- Comment filed	16-Jun-20	Phase 1 EA
Conservation Authorities	Conservation Halton	Emma DeFields	Sandra Anastasio	Email	- Stakeholder acknowledge receipt of Notice of Commencement and requested the study advise them of any works within Conservation Halton	30-Jun-20	- Comment filed	30-Jun-20	Phase 1 EA

## Appendix D-4 – PIC#2



# Public Information Centre No.2 Summary Report

Regional Municipality of Peel

Stormwater Servicing Master Plan for Regional Road  
Infrastructure

---

Prepared by GM BluePlan Engineering Limited



Project No. 719020

April 2022



## TABLE OF CONTENTS

<b>1.</b>	<b>BACKGROUND AND INTRODUCTION .....</b>	<b>1</b>
1.1	COVID-19 Protocol Implementation .....	3
1.2	Class EA Context .....	3
<b>2.</b>	<b>PUBLIC INFORMATION CENTRE NO. 1 .....</b>	<b>5</b>
2.1	Purpose .....	5
2.2	Pre-PIC Stakeholder Meetings .....	5
2.3	Notifications .....	5
<b>2.3.1</b>	<b>Newspaper and Online Advertisement .....</b>	<b>5</b>
<b>2.3.2</b>	<b>Mail Out.....</b>	<b>5</b>
2.4	PIC 1 Dates, Times, and Locations .....	5
2.5	PIC No. 1 Display Panels .....	6
2.6	Comments and Responses .....	6
<b>3.</b>	<b>NEXT STEPS .....</b>	<b>6</b>

## APPENDICES

<b>Appendix A</b>	Notice of PIC No. 2
<b>Appendix B</b>	Newspaper Advertisement
<b>Appendix C</b>	PIC No. 2 Display Materials
<b>Appendix D</b>	Stakeholder Received Comments

## 1. Background and Introduction

The Regional Municipality of Peel (Peel Region) initiated a Stormwater Servicing Master Plan for Regional Road Infrastructure (Stormwater Master Plan) to develop a Municipal Class Environmental Assessment (EA) approach to guide stormwater management services. It will provide a strategic, economical, and optimized vision that will guide Peel Region into the 2041 horizon year. This process will also provide the Region with a basis to make sound decisions to service current and future growth in a manner that addresses the expected impacts of climate change.

The study is being undertaken in accordance with the Master Planning process (Approach No. 1) as set out in Section A.2.7 of the Municipal Engineer Association (MEA) (October 2000, as amended in 2007, 2011 & 2015). This approach involves the preparation of a Master Plan document at the conclusion of Phase 1 and 2 of the Class EA process.

The study area encompasses the Peel Region, with a particular focus on Regional roads. **Figure 1** provides the study area for the Master Plan. It includes the City of Mississauga, City of Brampton and the Town of Caledon.

A key part of the public consultation component is the Public Information Centre (PIC), which serves as a forum for information exchange between the public/stakeholders and the project team.

The PIC No.2 Summary Report represents one element of the overall Class EA documentation. The report documents the following:

- Information presented at PIC No. 2
- All comments received, and responses provided
- Summarized table of comments received, and responses provided in order to track correspondence in a transparent and traceable manner

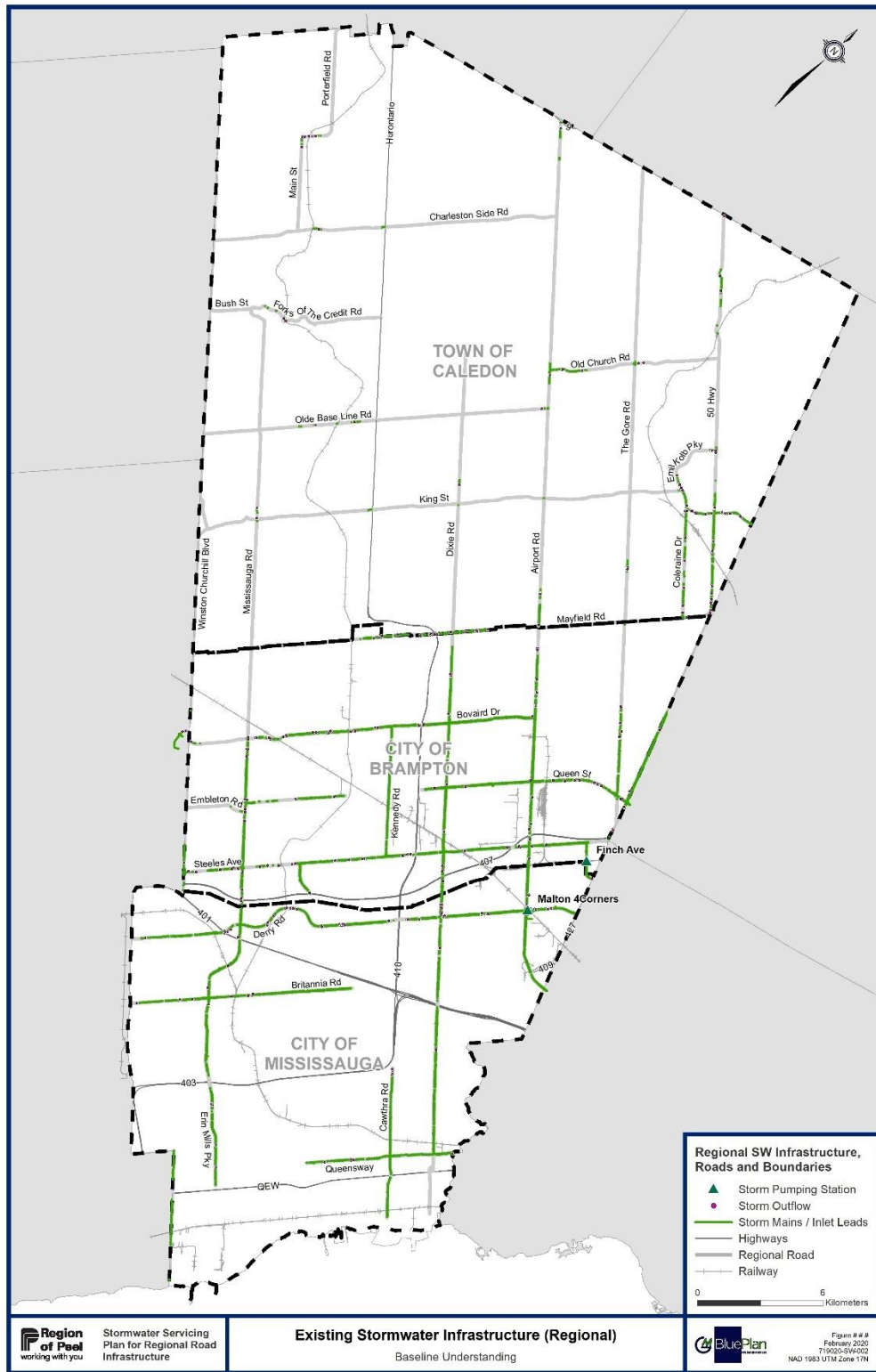


Figure 1: Study Area

## 1.1 COVID-19 Protocol Implementation

Municipal infrastructure services, including stormwater, were considered an essential service during the COVID-19 pandemic. The Stormwater Master Plan is a key component of future stormwater infrastructure planning and therefore continued through the Province of Ontario's Emergency Orders caused by the COVID-19 pandemic. However, due to continued public health risks and outbreaks, PIC No. 2 was held virtually on the Peel Region website to ensure the safety of the Region's residents. As such, the following was completed to ensure communication with interested stakeholders:

- Notice of PIC No. 2 was sent by email to all stakeholders on the study contact list
- Communication / consultation with stakeholders was completed through email or virtual meetings (after March 17, 2020)
- The communication approach utilized in PIC #1 with Indigenous Communities was utilized

## 1.2 Class EA Context

The study follows the Master Planning process (Approach No. 1) as outlined in the Municipal Engineers Association (MEA) Municipal Class EA (Oct. 2000, as amended in 2007, 2011 and 2015). This approach involves the preparation of a Master Plan document at the conclusion of Phase 1 and 2 of the Class EA process (**Figure 2**). Public consultation is a vital component of the Class EA process and ensures transparency through encouraging stakeholder and public involvement.

The study work plan provides for two rounds of PICs. The first round (PIC No. 1) was held virtually beginning on May 21, 2020; with the intent to introduce the project, provide study background and overview of the existing Regional stormwater system, and present the problem/opportunity statement. The second round (PIC No. 2) was held virtually beginning on February 17, 2022, with the intent to:

- Identify alternatives
- Inventory natural, social, economic environment
- Identify impacts on the natural, social, economic environment
- Evaluate alternative solutions
- Consult the public on alternative solutions

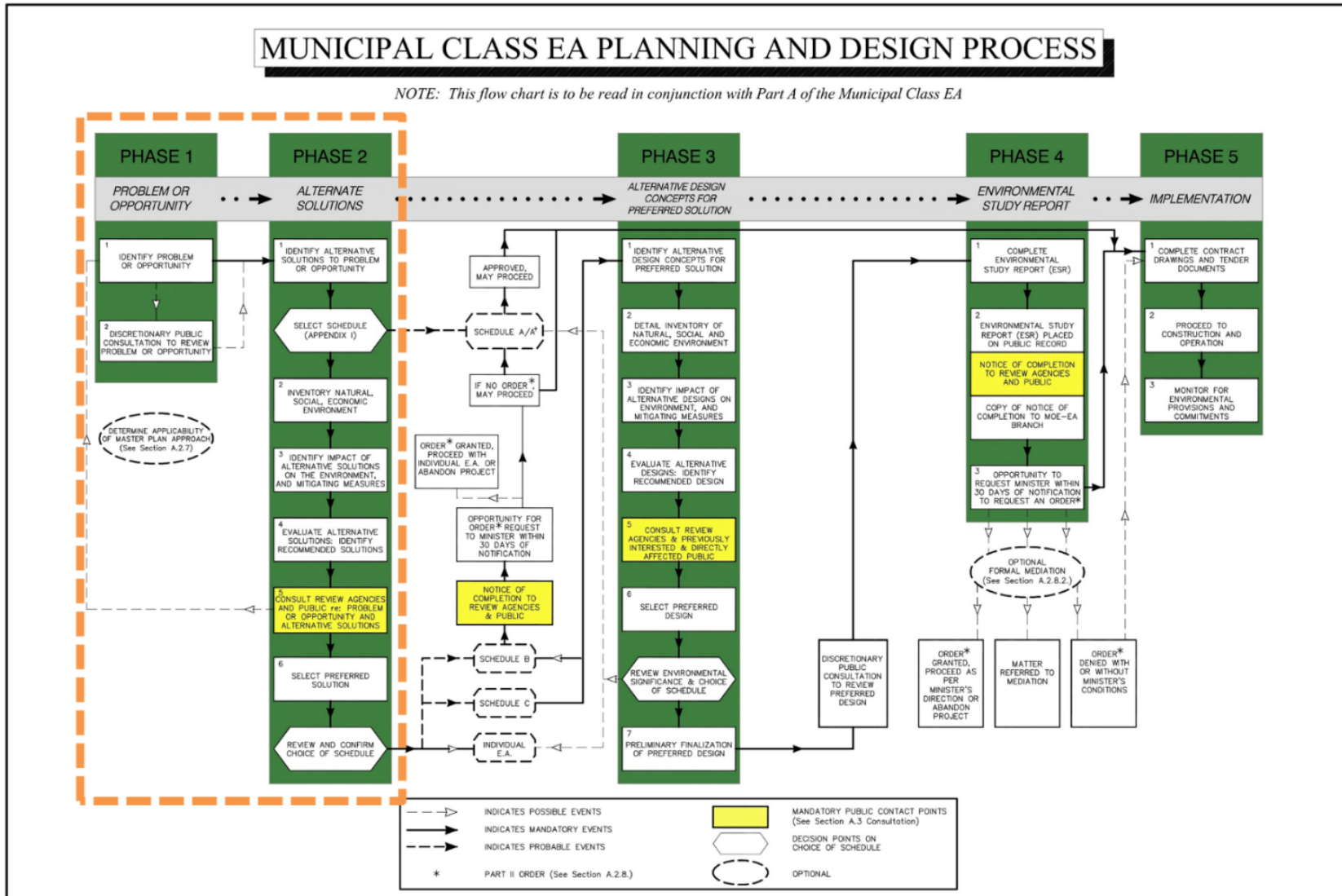


Figure 2 – Municipal Class EA Planning and Design Process

## 2. PUBLIC INFORMATION CENTRE NO.2

### 2.1 Purpose

PIC No.2 was held virtually on the Peel Region website beginning on February 17, 2022 and was intended to:

- Introduce and provide a summary of the study to date
- Describe the Class EA process
- Present technical studies completed to support the evaluation process
- Identify and evaluate project alternative solutions
- Receive public input and answer any questions

### 2.2 Notifications

Stakeholders and the public were informed of the PIC by newspaper advertisements, by email and through the Peel Region website. The Notice is provided in **Appendix A**.

#### 2.2.1 Newspaper and Online Advertisement

The Notice of PIC No. 2 was published on February 10, 2022 in the following local newspapers/publications:

- Mississauga News
- Brampton Guardian
- Caledon Enterprise

**Appendix B** provides a copy of the advertisement included in the above newspapers.

The Notice was also posted on the Peel Region website:

<https://www.peelregion.ca/pw/transportation/residents/sw-road-infrastructure.asp>

The website includes details on the study's contact person for public and stakeholder communication and has information of future project notifications.

#### 2.2.2 Mail Out

The Notice of PIC No. 1 was dated February 10, 2022 and emailed to local government, review agencies and other stakeholders.

### 2.3 PIC 2 Dates, Times, and Locations

PIC No. 1 was held virtually on the Peel Region study website beginning on February 17, 2022.



## 2.4 PIC No. 2 Display Panels

Display materials were provided on the Peel Region study website. The information provided for PIC No. 2 included:

- Municipal Class EA Process and Consultation;
- Study Purpose and Background;
- Guiding Principles and Objectives;
- Study Area and Existing Stormwater System;
- Evaluation Criteria;
- Natural Features and Socio-Economic/Cultural Existing Conditions;
- Opportunities and Constraints;
- Preliminary Servicing Concepts; and,
- How to Get Involved.

The alternative/accessible format for PIC No. 2 display materials are provided in **Appendix C**.

## 2.5 Comments and Responses

The contact information for the Region's Project Manager was provided for any questions and/or comments on the study. Comments were received via email. A summary of the comments received is shown in **Appendix D**.

## 3. NEXT STEPS

Following the second round of public consultation, the project team will:

- Review and consider all stakeholder input received during Phase 2 of the Class EA process
- Respond to comments when required
- Confirm and refine the preliminary preferred solutions
- Continue to work with review agencies and stakeholders
- Move forward with Phase 2 of the Class EA process
- Prepare the Master Plan Study Report
- 30-day Public Review Period
- Finalize the Master Plan document

---

Appendix A - Notice of PIC No. 2

## NOTICE OF PUBLIC INFORMATION CENTRE NO. 2 Stormwater Servicing Master Plan for Regional Road Infrastructure

### Background

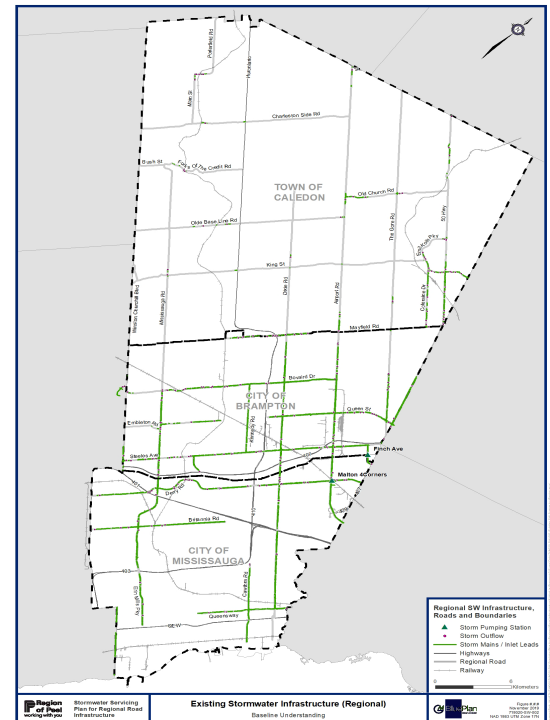
The Region of Peel is implementing an infrastructure planning initiative to develop a Stormwater Servicing Master Plan for Regional Roads. The Stormwater Servicing Master Plan will provide a strategic, economical, and optimized vision that will guide the Region of Peel's management of stormwater assets into 2041. The planning process will provide the Region with the information needed to develop appropriate solutions to service current and future growth that also addresses existing issues and the expected impacts of climate change.

### Process

This study is being planned in accordance with the Master Planning process (Approach #1) as set out in Section A.2.7 of the Municipal Engineer Association (MEA) Class EA (October 2000, as amended in 2007, 2011 & 2015). This approach involves the preparation of a Master Plan document at the conclusion of Phase 1 and 2 of the Class EA process.

### Your Input is Important

The Region wants to ensure that anyone with an interest in this study has the opportunity to be involved and to provide input. Your feedback is important and will help us refine the preferred solution.



Due to COVID-19 Provincial guidelines on physical distancing, the first in-person PIC was cancelled, however, the PIC#1 presentation materials were made available on the Region of Peel website:

<https://www.peelregion.ca/pw/transportation/residents/sw-road-infrastructure.asp>.

The second Public Information Centre (PIC) will be available online on February 17, 2022 and will include the presentation materials and a summary of the evaluation process used to determine the preliminary preferred solution. All content and instructions on how to submit questions and feedback will be outlined on the project website above. This will be followed by a three-week question submission period closing March 10, 2022. A formal response to all questions, comments and feedback will be posted on March 24, 2021.

### Contact

To be added to the mailing list, provide feedback or to receive further information about the project, please contact:

**Syeda Banuri, M.Eng., P.Eng., Project Manager**  
Region of Peel  
10 Peel Centre Drive, Suite B, Brampton, ON, L6T 4B9  
Phone: 416-407-7860  
Email: syeda.banuri@peelregion.ca

**James Jorgensen, B.SC., C.WEM, C.ENV, MIAM**  
GM BluePlan Engineering  
3300 Highway No. 7, Suite 402, Vaughan, ON, L4K 4M3  
Phone: 289-527-0570  
Email: james.jorgensen@gmblueplan.ca

Follow us on Twitter @PeelPublicWorks for service updates.

*The Region of Peel is committed to ensure that all Regional services, programs and facilities are inclusive and accessible for persons with disabilities. Please contact the Project Manager if you need any disability accommodations to provide comments or feedback for this study.*

**This notice was first issued on February 10, 2022**

---

## Appendix B - Newspaper Advertisement



# Public Notice



## NOTICE OF PUBLIC INFORMATION CENTRE NO. 2 Stormwater Servicing Master Plan for Regional Road Infrastructure

### Background

The Region of Peel is implementing an infrastructure planning initiative to develop a Stormwater Servicing Master Plan for Regional Roads. The Stormwater Servicing Master Plan will provide a strategic, economical, and optimized vision that will guide the Region of Peel's management of stormwater assets into 2041. The planning process will provide the Region with the information needed to develop appropriate solutions to service current and future growth that also addresses existing issues and the expected impacts of climate change.



### Process

This study is being planned in accordance with the Master Planning process (Approach #1) as set out in Section A.2.7 of the Municipal Engineer Association (MEA) Class EA (October 2000, as amended in 2007, 2011 & 2015). This approach involves the preparation of a Master Plan document at the conclusion of Phase 1 and 2 of the Class EA process.

### Your Input is Important

The Region wants to ensure that anyone with an interest in this study has the opportunity to be involved and to provide input. Your feedback is important and will help us refine the preferred solution.

Due to COVID-19 Provincial guidelines on physical distancing, the first in-person PIC was cancelled, however, the PIC#1 presentation materials were made available on the Region of Peel website:

<https://www.peelregion.ca/ow/transportation/residents/enr-maid-infrastructure.asp>

The second Public Information Centre (PIC) will be available online on February 17, 2022 and will include the presentation materials and a summary of the evaluation process used to determine the preliminary preferred solution. All content and instructions on how to submit questions and feedback will be outlined on the project website above. This will be followed by a three-week question submission period closing March 10, 2022. A formal response to all questions, comments and feedback will be posted on March 24, 2022.

### Contact

To be added to the mailing list, provide feedback or to receive further information about the project, please contact:

**Syeda Banuri,**  
M.Eng., P.Eng., Project Manager  
Region of Peel  
10 Peel Centre Drive, Suite B,  
Brampton, ON, L6T 4B9  
Phone: [416-407-7860](tel:416-407-7860)  
Email: [syeda.banuri@peelregion.ca](mailto:syeda.banuri@peelregion.ca)

**James Jorgensen,**  
B.Sc., C.WEM, C.ENV, MIAM  
GM BluePlan Engineering  
3300 Highway No. 7, Suite 402,  
Vaughan, ON, L4K 4M3  
Phone: [289-527-0570](tel:289-527-0570)  
Email: [james.jorgensen@ombblueplan.ca](mailto:james.jorgensen@ombblueplan.ca)

Follow us on Twitter @PeelPublicWorks for service updates.

*The Region of Peel is committed to ensure that all Regional services, programs and facilities are inclusive and accessible for persons with disabilities. Please contact the Project Manager if you need any disability accommodations to provide comments or feedback for this study.*

This notice was first issued on February 10, 2022

With the exception of personal information, all comments will become part of the public record of the study. The study is being conducted according to the requirements of the Municipal Class Environmental Assessment which is a planning process approved under Ontario's Environmental Assessment Act.

**Kwality**™  
Since 1996  
GRAND INDIAN BUFFET | SWEETS & RESTAURANT

Dine In Take Out Catering

📍 2150 Steeles Ave E, Brampton, ON L6T 1A7 ☎️ [905-790-1684](tel:905-790-1684)  
📍 N1-90 Courtney Park Drive, Mississauga, L5T 2Y3 ☎️ [905-670-1880](tel:905-670-1880)

[www.kwalitysweets.com](http://www.kwalitysweets.com)

## Peel Region temporarily allows 2 bags for excess garbage without tags

From Feb. 7 – Mar. 4, a maximum of 2 additional garbage bags will be collected.

### Residents are reminded that:

- Excess garbage must be placed in black plastic bags at the curb.
- Additional bags beyond the 2-bag limit will not be collected.
- Bulky item collection is currently suspended until further notice.



Check [peelregion.ca/waste](http://peelregion.ca/waste) for information and sign up to receive **FREE** weekly waste collection reminders.

WMO-0972 22/01



## Public Notice


 Region  
of Peel  
working with you

 NOTICE OF PUBLIC INFORMATION CENTRE NO. 2  
 Stormwater Servicing Master Plan for Regional Road Infrastructure

## Background

The Region of Peel is implementing an infrastructure planning initiative to develop a Stormwater Servicing Master Plan for Regional Roads. The Stormwater Servicing Master Plan will provide a strategic, economical, and optimized vision that will guide the Region of Peel's management of stormwater assets into 2041. The planning process will provide the Region with the information needed to develop appropriate solutions to service current and future growth that also addresses existing issues and the expected impacts of climate change.

## Process

This study is being planned in accordance with the Master Planning process (Approach #1) as set out in Section A.2.7 of the Municipal Engineer Association (MEA) Class EA (October 2000, as amended in 2007, 2011 & 2015). This approach involves the preparation of a Master Plan document at the conclusion of Phase 1 and 2 of the Class EA process.

## Your Input is Important

The Region wants to ensure that anyone with an interest in this study has the opportunity to be involved and to provide input. Your feedback is important and will help us refine the preferred solution.

Due to COVID-19 Provincial guidelines on physical distancing, the first in-person PIC was cancelled, however, the PIC#1 presentation materials were made available on the Region of Peel website:

<https://www.peelregion.ca/pw/transportation/residents/sw-road-infrastructure.asp>

The second Public Information Centre (PIC) will be available online on February 17, 2022 and will include the presentation materials and a summary of the evaluation process used to determine the preliminary preferred solution. All content and instructions on how to submit questions and feedback will be outlined on the project website above. This will be followed by a three-week question submission period closing March 10, 2022. A formal response to all questions, comments and feedback will be posted on March 24, 2022.

## Contact

To be added to the mailing list, provide feedback or to receive further information about the project, please contact:

**Syeda Banuri,**  
M.Eng., P.Eng., Project Manager  
Region of Peel  
10 Peel Centre Drive, Suite B,  
Brampton, ON, L6T 4B9  
Phone: 416-407-7860  
Email: [syeda.banuri@peelregion.ca](mailto:syeda.banuri@peelregion.ca)

**James Jorgensen,**  
B.Sc., C.WEM, C.ENV, MIAM  
GM BluePlan Engineering  
3300 Highway No. 7, Suite 402,  
Vaughan, ON, L4K 4M3  
Phone: 289-527-0570  
Email: [james.jorgensen@ambblueplan.ca](mailto:james.jorgensen@ambblueplan.ca)

Follow us on Twitter @PeelPublicWorks for service updates.

The Region of Peel is committed to ensure that all Regional services, programs and facilities are inclusive and accessible for persons with disabilities. Please contact the Project Manager if you need any disability accommodations to provide comments or feedback for this study.

This notice was first issued on February 10, 2022

With the exception of personal information, all comments will become part of the public record of the study. The study is being conducted according to the requirements of the Municipal Class Environmental Assessment, which is a planning process approved under Ontario's Environmental Assessment Act.



## NEWS

 NEW TRIAL ORDERED IN KILLING  
 OF BIRD DOG ENTHUSIAST

KAREN MARTIN-ROBBINS  
[kmartinrobbins@metroland.com](mailto:kmartinrobbins@metroland.com)

The Ontario Court of Appeal has ordered a new trial for the gunman who was convicted of first-degree murder in 2018 in the death of Caledon East bird dog enthusiast Don Frigo.

Boris Panovski, 77, of Scarborough, was convicted of killing Frigo and injuring his wife, Eva Willer Frigo, at a field dog event held at Hullett Conservation Area in 2014.

The Ontario Court of Appeal ordered a new trial because although there was a "strong circumstantial case" against Panovski, it was not enough for the court to ignore the problems with the trial judge's instructions to the jury, said Justice David M. Paciocco, in a decision released on Dec. 12, 2021.

The ruling said Superior Court Justice Joseph Donohue gave an "inadequate and unbalanced, therefore unfair" charge to the jury at the end of the case.

Frigo, a construction executive who was considered a "grandfather of field trialing" in southern Ontario, was ambushed and "effectively executed" while riding a horse and training his bird dogs at the Clinton conservation area on Sept. 13, 2014.

His wife, who was riding with him, was injured when shotgun pellets hit her in the face.

Bird dogging is an activity that includes competitions in which participants are graded on their ability to track game birds, often on horseback, using highly trained hunting dogs.

Panovski was a former hair stylist who got involved in the field dog breeding world and at one time bred dogs for wine



Metroland file photo  
 Photo of Boris Panovski entering the Ontario court in Goderich on the afternoon of Sept. 22, 2014.

magnate Gabe Magnotta. Panovski trained dogs for the Frigos and sold the Caledon couple an award-winning dog. He lived with them on their farm near Caledon East for about six weeks in 1996.

During the trial, the Crown alleged Panovski had a festering grievance against Frigo.

The Crown presented circumstantial evidence that included testimony from Panovski's girlfriend that he told her he was going hunting the day of the shooting.

The Crown also showed Panovski changed his license plate and tinted the windows of his vehicle before the murder. Cellphone records also put Panovski near Clinton that day and near the couple's Caledon farm a few days beforehand.

The Crown also alleged he cancelled his life insurance, gym membership and left the country. He was arrested when he voluntarily returned after Frigo's death.

But Eva Frigo admitted she couldn't identify who fired at her and her hus-

band, even though she knew Panovski.

The composite drawing of the suspect didn't look like Panovski and the description of the getaway vehicle didn't match Panovski's.

When the trial judge gave instructions to the jury about the discrepancy, he "misdirected jurors" about whether to consider if Eva Frigo's evidence left them with a reasonable doubt.

The Appeal Court noted the trial judge also didn't give a draft copy of his charge to the lawyers before he delivered it, which denied them an opportunity to make suggestions.

And he failed to review substantial features of the evidence.

"I am persuaded... that the jury charge provided in this case was not balanced," said Paciocco. "Instead, it unduly promoted the case for the Crown and effectively ignored or denigrated the case for the defence."

The Appeal Court ordered the convictions be set aside and ordered a new trial.

---

## Appendix C - PIC No. 2 Display Materials



*This document is provided as an alternative format that is originally hosted using ESRI StoryMaps. It is provided for those who may not have the compatible browser to view the original virtual public information materials online.*

## **Indigenous Land Acknowledgement**

We would like to begin by acknowledging the land on which we gather, and which the Region of Peel operates, is part of the Treaty Lands and Territory of the Mississaugas of the Credit. For thousands of years, Indigenous peoples inhabited and cared for this land, and continue to do so today. In particular we acknowledge the territory of the Anishinabek, Huron-Wendat, Haudenosaunee and Ojibway/Chippewa peoples; the land that is home to the Metis; and most recently, the territory of the Mississaugas of the Credit First Nation who are direct descendants of the Mississaugas of the Credit.

We are grateful to have the opportunity to work on this land, and by doing so, give our respect to its first inhabitants.

## Public Information Centre (PIC) Objectives

The key dates and objectives for the study are:

### Key Dates

**February 17, 2022**

PIC No. 2 materials posted to project website

**February 17 to March 10, 2022**

Submit questions or comments related to PIC No. 2 materials

**March 24, 2022**

Responses to questions and comments posted



Update public and stakeholders on the study's progress



Review and summarize the study's recommendations



Present details of the study's output



Receive feedback on the evaluation process and servicing alternatives

*This is the last of two PICs for this study.*

## Public Information Centre (PIC)

Please note this is the final PIC for this study. PIC No. 1 was originally scheduled in-person for March 25, 2020, but was postponed due to COVID-19. As such, PIC No. 1 was held online with materials posted on May 21, 2020. [All PIC No. 1 materials were posted on the project website as a virtual PIC.](#)

Visit Project  
Website

## How Can You Help?

Provide your input! After reviewing the PIC materials, navigate to the 'Provide Feedback' section or [click here](#) to submit your comments. The comment form will be available from **February 17 to March 10, 2022**.

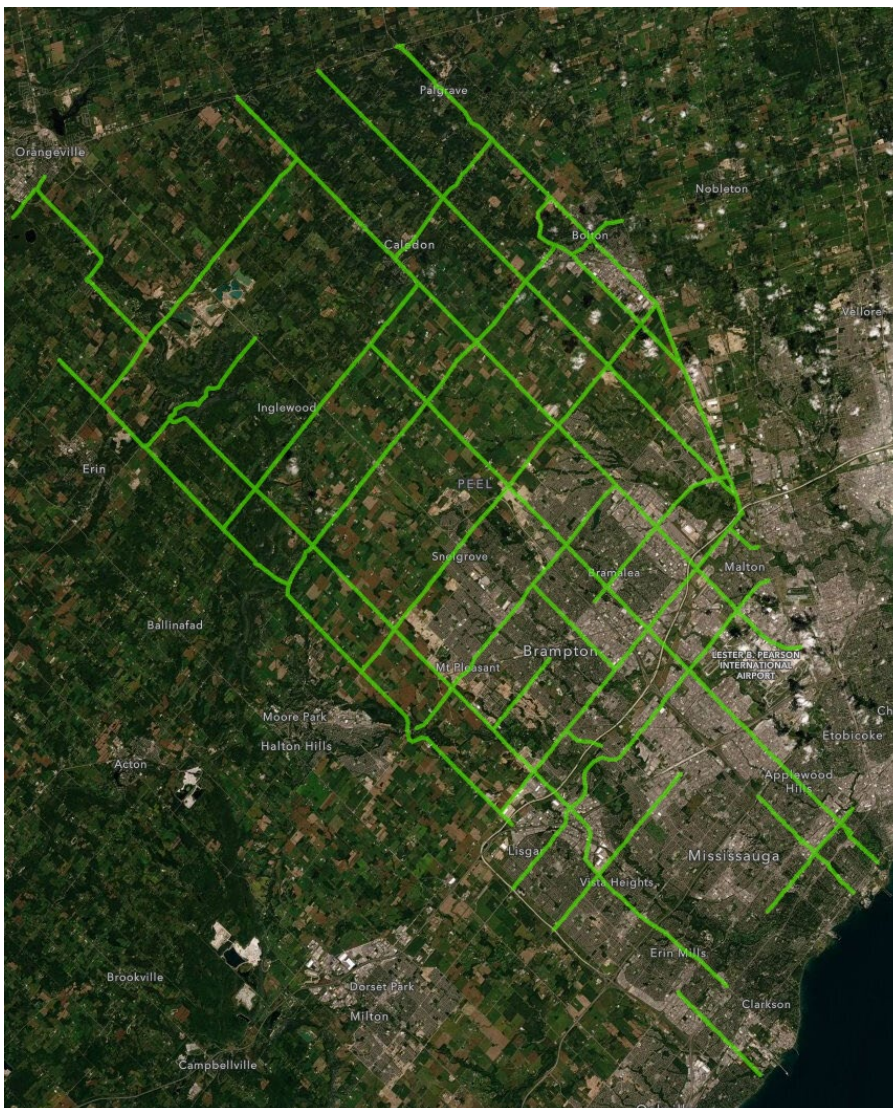
## Project Summary

The Region of Peel has initiated an infrastructure planning initiative to develop a Stormwater Servicing Master Plan for Regional Road infrastructure.

### The following are the key study objectives:

1. To develop a comprehensive stormwater servicing strategy that considers the impacts of growth and climate change;
2. To develop tools to help assess and evaluate the system for existing, future, and climate change impacts;
3. To identify the expectations of stakeholders and community by establishing measurable levels of service;
4. To develop an optimal implementation plan that identifies the cost and timing for work to be undertaken to achieve the preferred strategy, and;
5. To inform future capital programs with respect to funding source including renewal and growth related projects.

**This project will focus on the stormwater infrastructure located within the Regional road right-of-way.**



## A Unique Master Servicing Plan – Growth within the Region of Peel

The Stormwater Servicing Master Plan for Regional Roads is based only on Regionally owned and managed stormwater infrastructure.

- The Region's *Long Range Transportation Plan* (LRTP) identifies strategies to service future growth to 2041 and is in the process of being updated to identify strategies to 2051
- The Stormwater Servicing Master Plan will be updated in tandem with the LRTP (every 5 years), as stormwater planning and projects are tied to transportation planning and projects
- The Regional storm sewers are designed and built to manage stormwater coming from the right-of-way (roads) only
- The Region's preference prevents connections from private property to Regional storm sewers unless no other outlet is available (Town/City or Conservation Authority managed outlet)

The Master Plan has addressed:

- How to mitigate future stormwater flows due to increased paved surfaces, in alignment with the *Long Range Transportation Plan* (LRTP) projects
- The impacts of climate change on stormwater management
- Aligning existing programs, such as storm sewer renewal and maintenance, with known storm sewer capacity concerns
- Creating tools, such as a hydraulic computer simulation model, to predict existing capacity and determine upgrades required for growth in the Region

### Key Considerations:

The study will support existing and future growth-related decision making:

- Stormwater infrastructure in the Region of Peel is a two-tiered system
- The Region owns and maintains 26 Regional Roads and all stormwater infrastructure within them
- The Town of Caledon, City of Brampton and City of Mississauga are responsible for local stormwater systems
- The impacts of climate change will be considered throughout the study
- Align study output with the Region's *Long Range Transportation Plan* (LRTP) projects to determine projects which are driven by growth within the Regional right-of-way

For additional information, watch the [video here](#) to learn more about the following:

- What is Stormwater? How can it affect you?
- What is the lower-tier municipality vs. Region's role in stormwater management?
- What are some solutions that deal with stormwater infrastructure that is aging and/or at-capacity?

## Climate Change

A key consideration in the preparation for the Stormwater Servicing Master Plan was determining the impacts of climate change on the storm sewer system.

### How did the study consider climate change?

The Region of Peel's *Public Works Stormwater Design Criteria and Procedural Manual* was updated in 2019 and used to support the Master Plan in determining the impacts of climate change. The updates to the Procedure Manual:

- Included the updating of the Region's design storm event to account for climate change
- Were reviewed and used as an input into the Master Plan analysis

Below is a link to the Region of Peel's *Public Works Stormwater Design Criteria and Procedural Manual* (2019).

[Peel Stormwater Manual](#)

Through the Stormwater Servicing Master Plan for Regional Roads:

- A new hydraulic computer simulation model was created to mimic the Region's existing storm sewer system
- Climate change-adjusted storm events were used in the analysis to ensure that the recommended strategies increase **resiliency to climate change**
- Climate change considerations are aligned with the policy direction included in the *Peel 2051 Regional Official Plan*, the *Municipal Comprehensive Review*, and *O.Reg. 588/17*

## Class Environmental Assessment (EA) Process

### What Have We Done So Far?

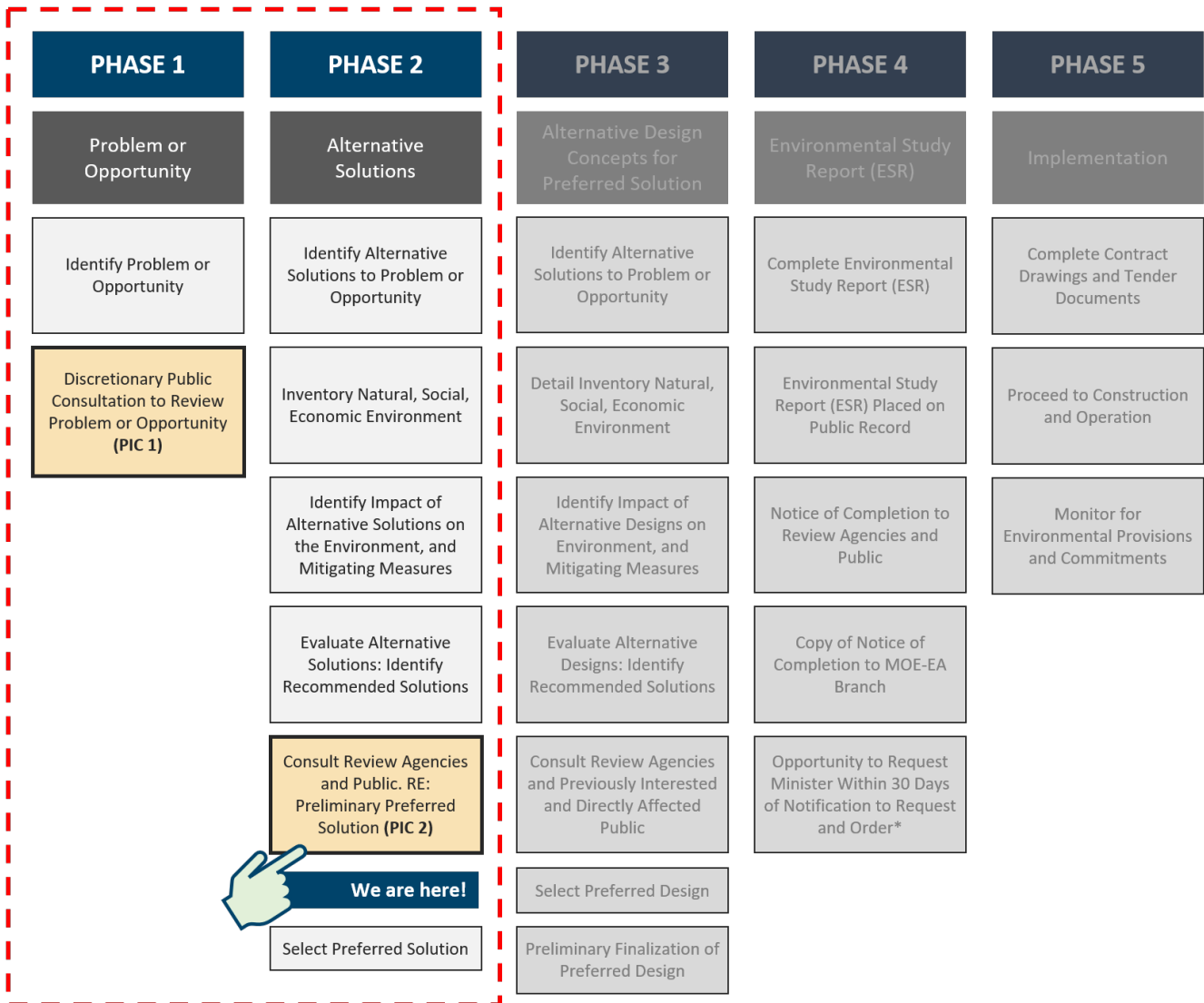
The **Stormwater Servicing Master Plan for Regional Road** infrastructure follows the Municipal Engineers Association (MEA) Class Environmental Assessment (EA) process and will satisfy Phases 1 and 2 of the Class EA process. The study's problem and opportunity statement is as follows:

**Study Problem and Opportunity Statement:** Provide efficient stormwater servicing to existing and future Regional road infrastructure by taking into account existing aging infrastructure, growth, natural environment, climate change and compliance within regulatory framework.

PIC No. 1 presented the study's problem and opportunity statement and list of preliminary servicing concepts to manage the Region's stormwater infrastructure. PIC No. 1 presentation materials are available at the link below:

[View PIC No.1  
Materials](#)

We are currently in Phase 2 of the study, with the primary focus on developing a list of preliminary preferred servicing solutions. Following Phase 2, the Master Plan will be complete.



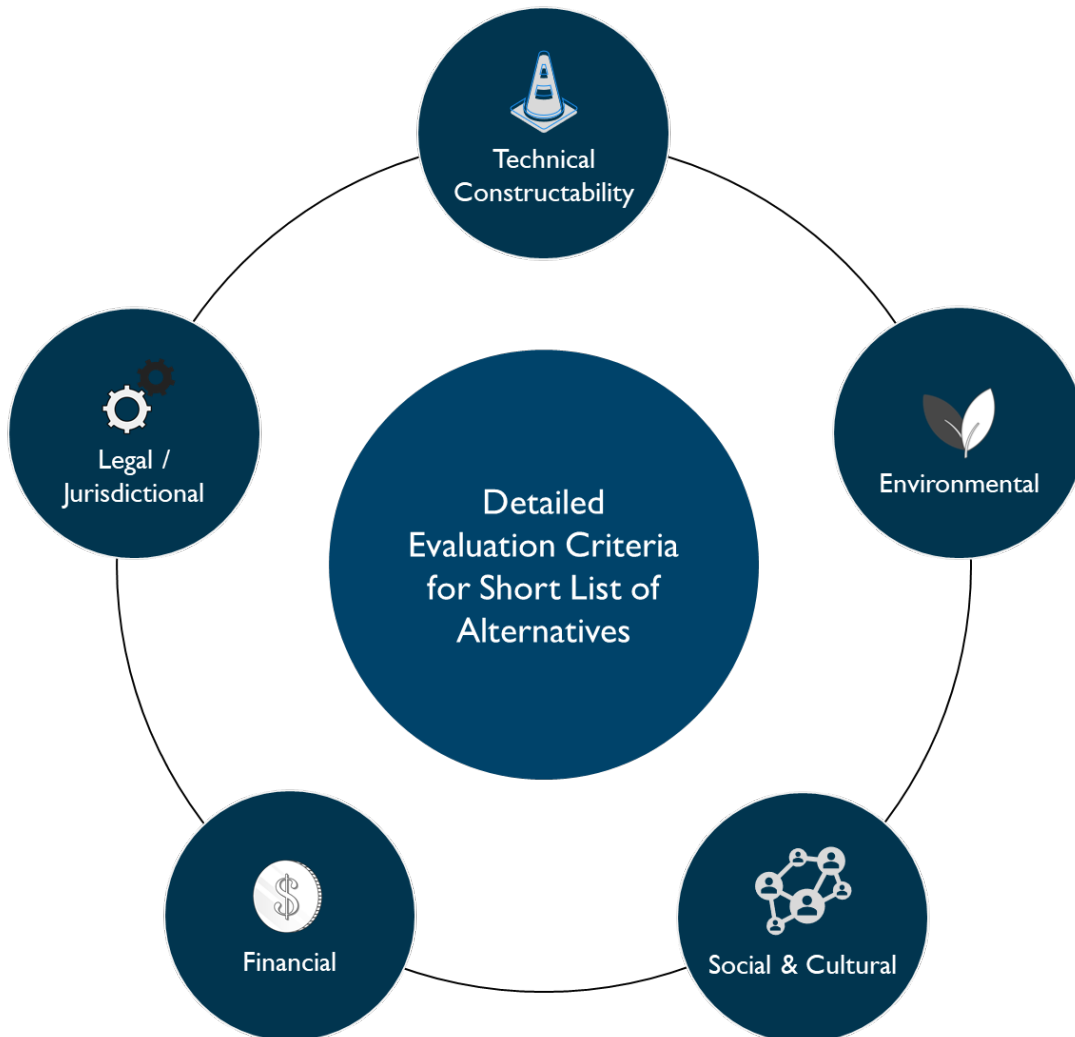
MEA Mandated Requirements: <https://municipalclassea.ca/manual/page10.html>

# Evaluation Methodology

## What's Being Evaluated?

This study looked at two different components of the Region's stormwater infrastructure:

1. Determining how much stormwater can fit in the existing storm sewer system and where upsizing is required
2. Determining the best location for Low Impact Development (LID) stormwater management strategies





## What is a Low Impact Development (LID)?

Infrastructure that mimics natural processes that result in the infiltration, evapotranspiration, or use of stormwater in order to protect water quality and aquatic habitat.

Low Impact Developments can:

- Clean stormwater from within the right-of-way before it enters the natural environment (streams, lakes, or ponds)
- Help regulate stormwater flows to prevent flooding
- Infiltrate stormwater into the ground, maintaining the natural water balance

Examples of Low Impact Developments include:

- Infiltration trenches/chambers
- Bio-swales
- Bioretention facilities
- Enhanced grass swales
- Cooling Trench

## Capacity Analysis Methodology and Stormwater Model

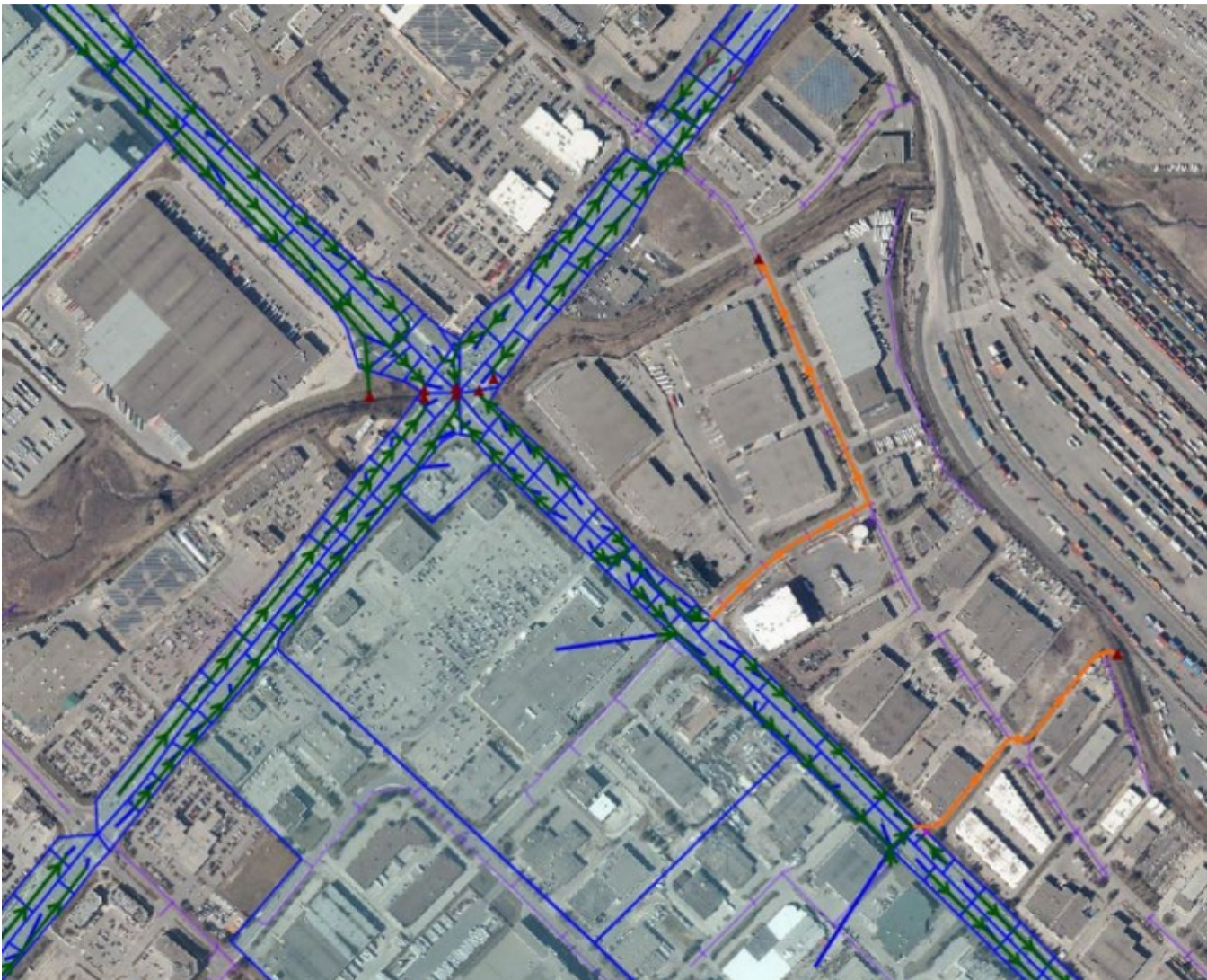
A hydraulic computer simulation model was created to assess capacity in the storm sewers.

The analysis:

- Included all the Region owned storm sewers
- Accounted for the local road storm sewers where connecting to the Regional storm sewers
- Identified storm sewers not meeting the Region's design criteria (1-in-10 year rainfall)
- Considered the impacts of the climate change event scenario
- Identified storm sewers with extra capacity that could be used to service growth

Alternatives that were evaluated to address storm sewers with capacity issues included:

- Do nothing
- Pipe replacement and upsize
- Stormwater diversion
- Implementation of Low Impact Development (LID)



## Low Impact Development (LID) Project Selection Methodology

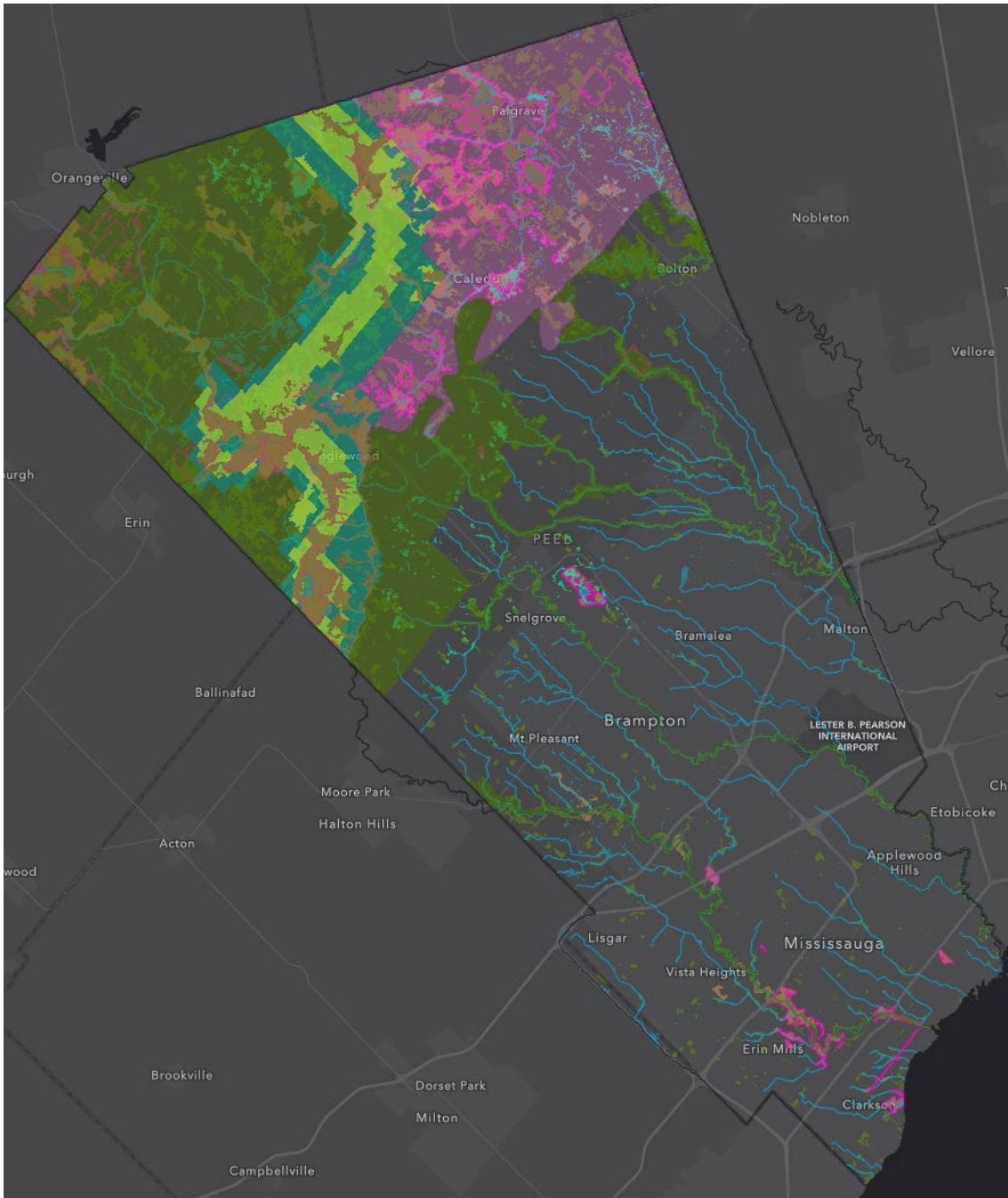
A system-wide analysis was completed to identify the best locations for LID stormwater servicing strategies. For the preferred locations, the following alternatives were reviewed following the *Municipal Class Environmental Assessment (MCEA)* multiple-bottom-line evaluation process:

1. Do nothing
2. Implement stormwater management (SWM) pond
3. Infiltration trench/cistern
4. Bioretention facility
5. Bioswales
6. Perforated pipe/exfiltration system
7. Permeable paving
8. Superpipe storage
9. Enhanced grass swales
10. Proprietary SWM devices

Legend		SWM Ponds	Bio-Retention Facilities	Enhanced Grass Swales	Bioswales	Perforated Pipe	Permeable Pavement	Proprietary SWM Devices	Superpipe Storage	Infiltration Trenches
High	●									
Moderate	◐									
Low	○									
Type of Project	Facility Site Development	●	●	●	●	●	●	●	●	●
	Road Works (Urban)	○	●	●	●	◐	◐	●	●	●
	Road Works (Rural)	◐	●	●	●	○	◐	◐	○	◐
Municipal Staff and Financial Considerations	Community Engagement	●	●	○	●	○	◐	○	◐	◐
	Inter-department Coordination	●	●	○	●	○	○	○	◐	◐
	Design Team	●	●	○	●	○	◐	◐	◐	◐
	Capital Cost	●	●	○	◐	○	●	●	◐	◐
	Operation & Maintenance Cost	●	●	○	◐	○	◐	●	◐	◐
Design Considerations	Geotechnical Testing Complexity	◐	◐	◐	●	◐	●	○	◐	◐
	Infiltration Testing Complexity	◐	◐	◐	●	◐	●	○	◐	◐
	Planning Complexity	●	●	○	◐	◐	◐	◐	◐	◐
	Design Complexity	◐	◐	○	◐	◐	●	◐	◐	◐
Benefits	Flood Risk Reduction	●	◐	○	◐	◐	◐	○	●	○
	Pollutant Removal	●	●	◐	●	◐	◐	●	○	●
	Groundwater Recharge	○	◐	◐	◐	◐	●	○	○	●
	Stream Channel Erosion Control	●	●	◐	◐	●	●	○	○	◐
	Amenity and Aesthetic Value	●	●	◐	◐	○	○	○	◐	◐
	Traffic Calming	○	○	○	○	○	○	○	◐	◐
	Urban Tree Canopy	●	●	○	○	○	○	○	◐	◐
	High Profile with Community and Media	●	●	○	●	○	○	◐	◐	◐

## What Investigations Have Been Completed?

To ensure a comprehensive assessment, the following investigations have been completed



## **Archeological**

To identify and protect known and potential archaeological resources within the study areas.

**Draft Archaeological Assessment**

## **Cultural Heritage Screening Report (CHSR)**

To identify and protect buildings and landscapes with potential significant cultural value within or nearby the study areas.

**Draft CHSR**

## **Natural Environment**

To provide a preliminary assessment of sensitive natural features (e.g. wetlands, species at risk, etc.) present in the study areas with the aim to protect and mitigate environmental impacts.

**Draft Natural Environmental Report**

## **Geotechnical and Hydrogeological**

To identify and protect groundwater sources and other sensitive subsurface features within the study area.

**Draft Geotechnical and Hydrogeological Review**

## **Hydraulic and Fluvial Geomorphic Hazard Assessment**

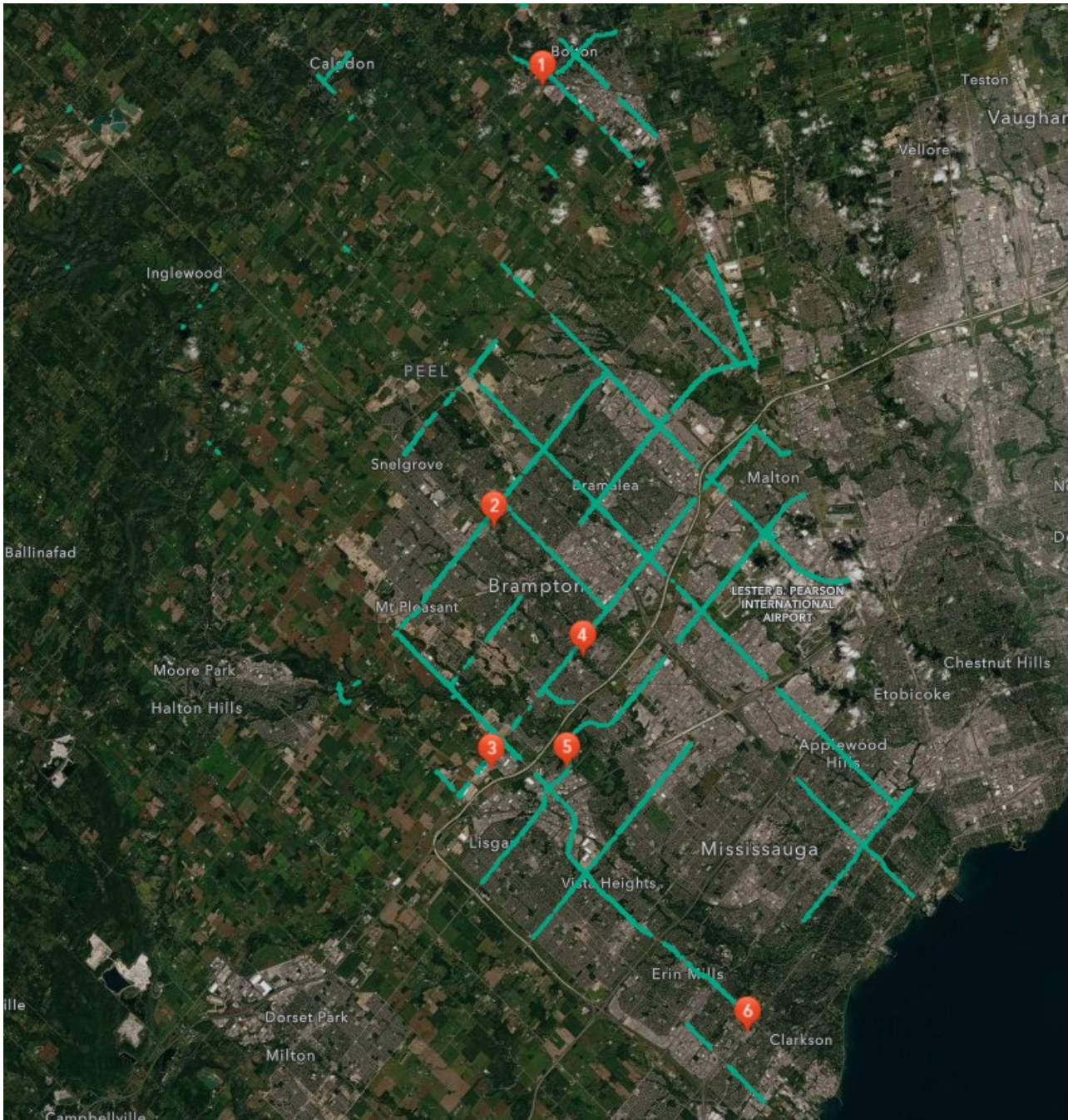
To identify and protect receiving waters from adverse impacts (channel encroachment or mitigation) nearby the study areas.

**Draft Hydraulic Assessment**

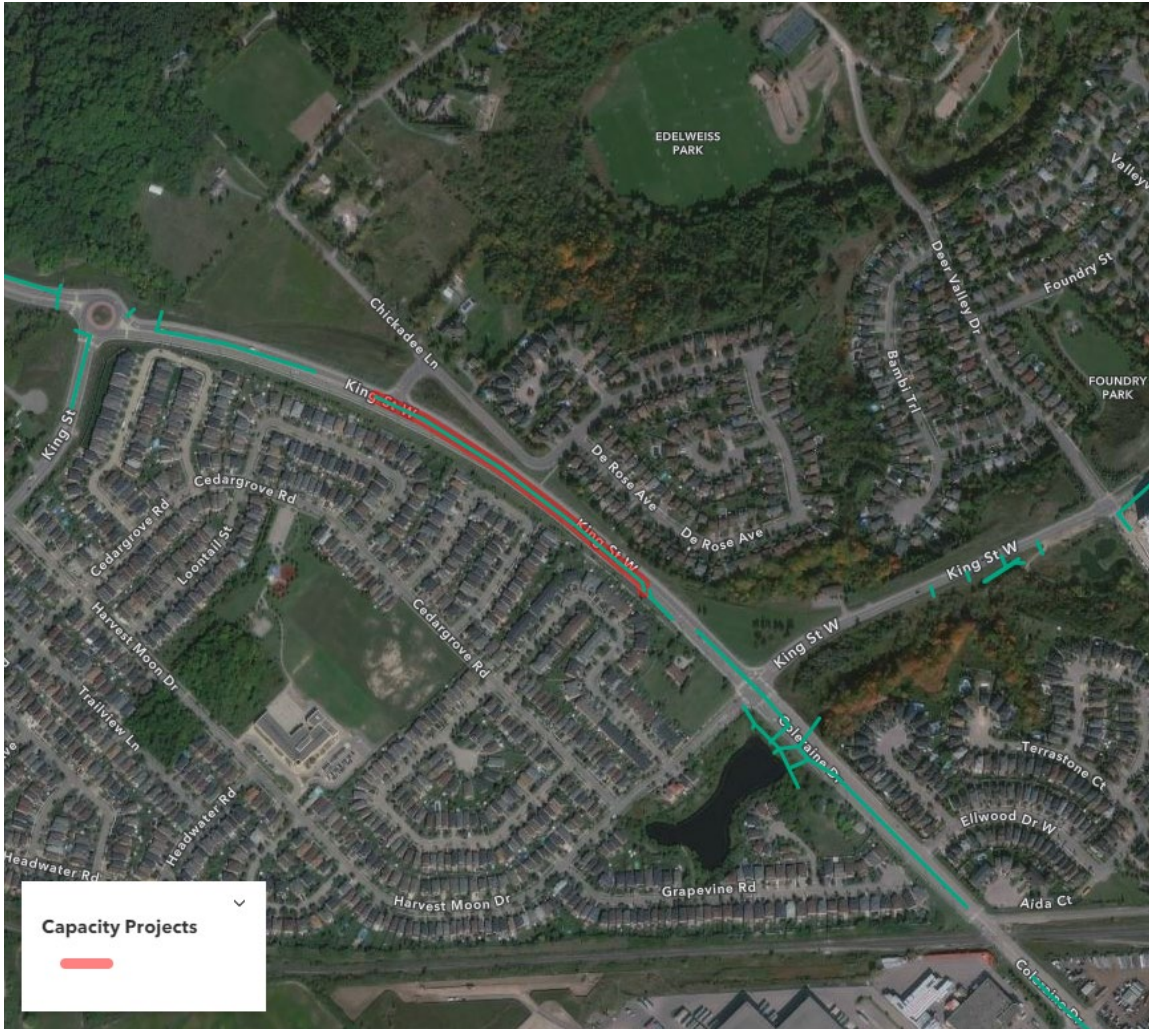
# Preliminary Recommendations

## Stormwater Pipe Upsizing

The following locations were selected as the best opportunities to enhance the Region's stormwater infrastructure when a future roadworks project is triggered by growth or renewal. The evaluation identified that these locations were best suited to simple upsizing. As these locations all have existing pipes within the road right-of-way, they can be completed as Schedule A or A+ projects and therefore do not require further evaluation of alternatives.



# 1. Emil Kolb Parkway and De Rose Avenue



Upsize of existing storm sewer along Emil Kolb Parkway nearby De Rose Avenue.

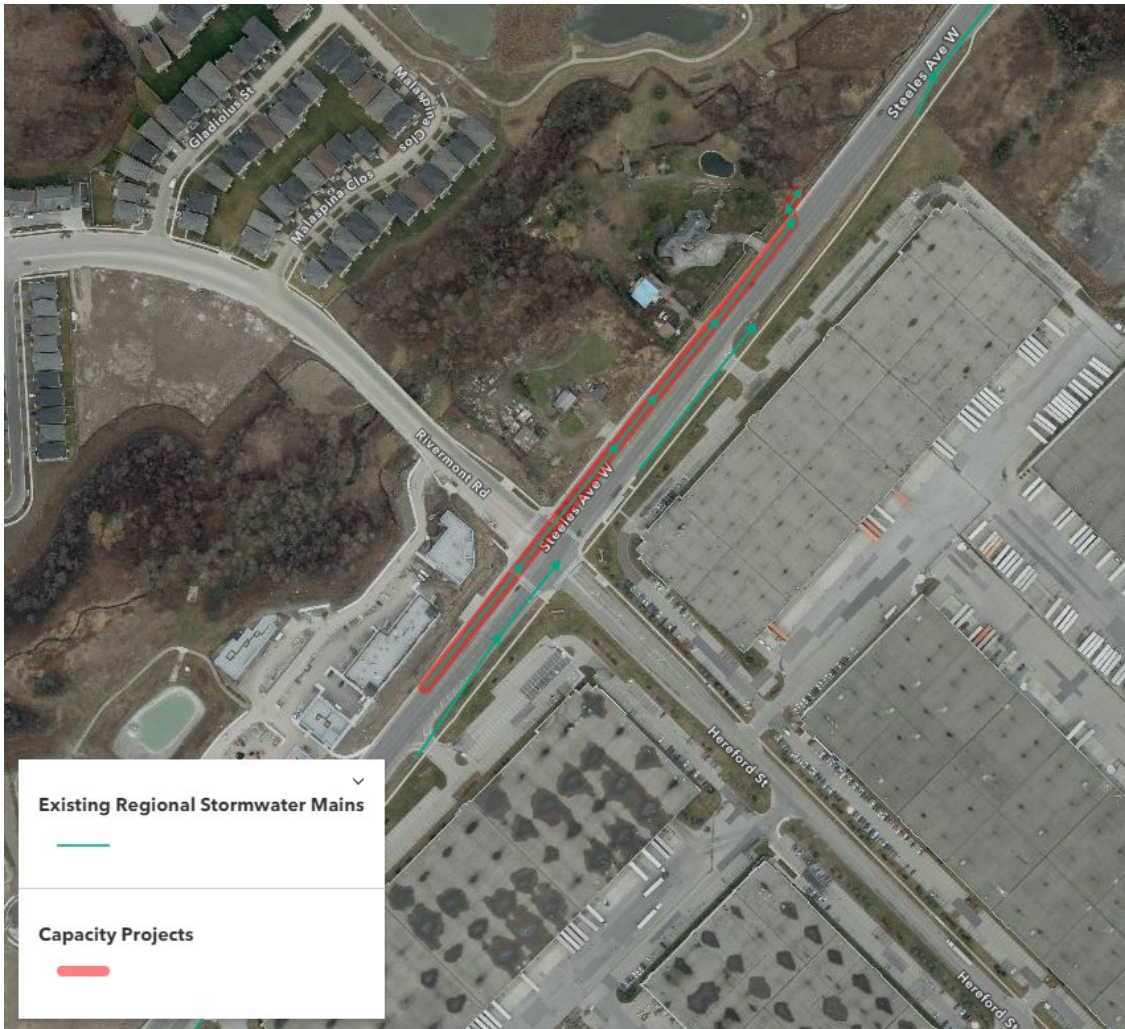
## 2. Bovaird Drive and Conestoga Drive



Upsize of existing storm sewer along Bovaird Drive at Conestoga Drive.

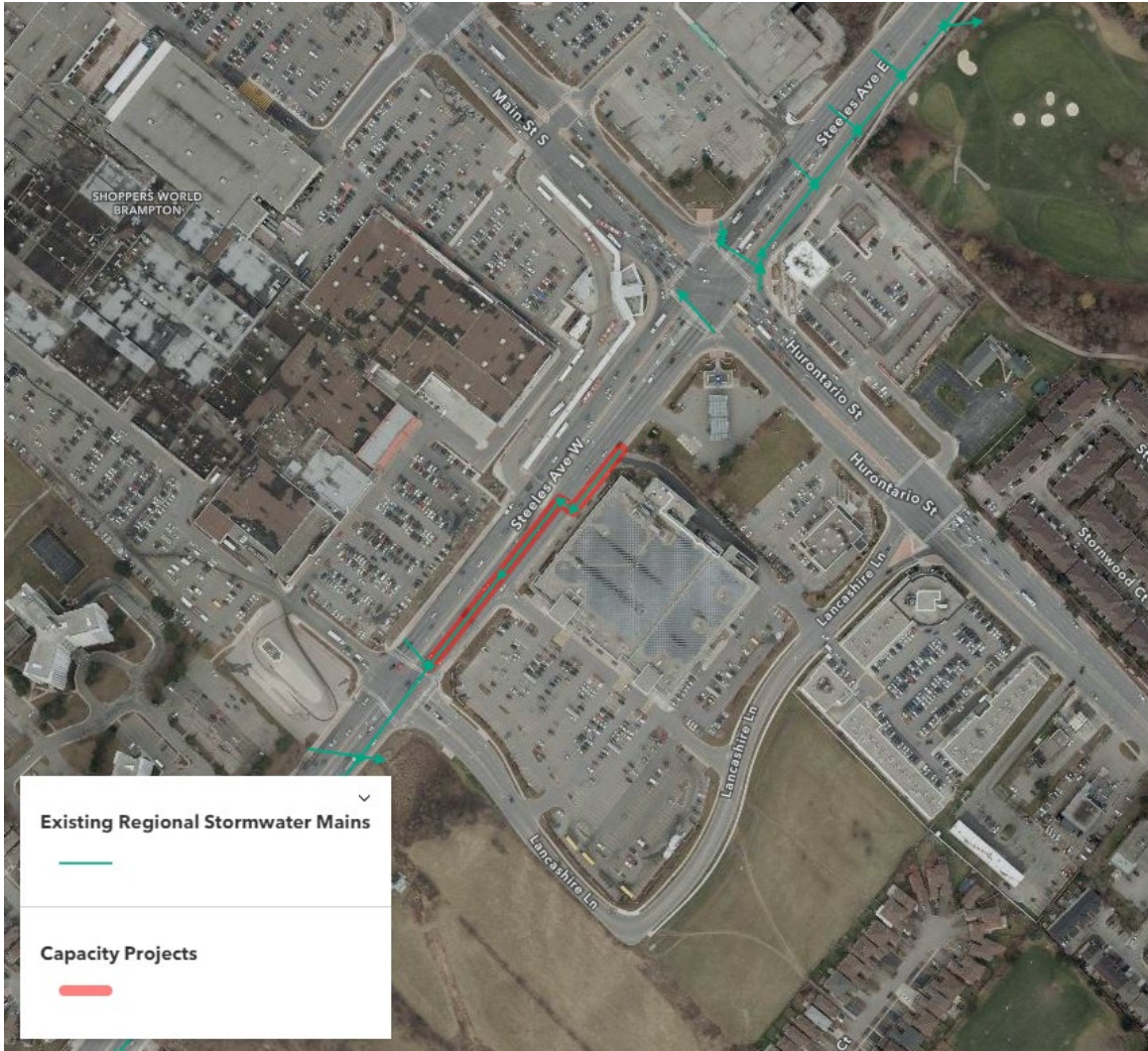


### 3. Steeles Avenue West and Rivermont Road



Upsize of existing storm sewer along Steeles Avenue West at Rivermont Road.

#### 4. Steeles Avenue West and Lancashire Lane



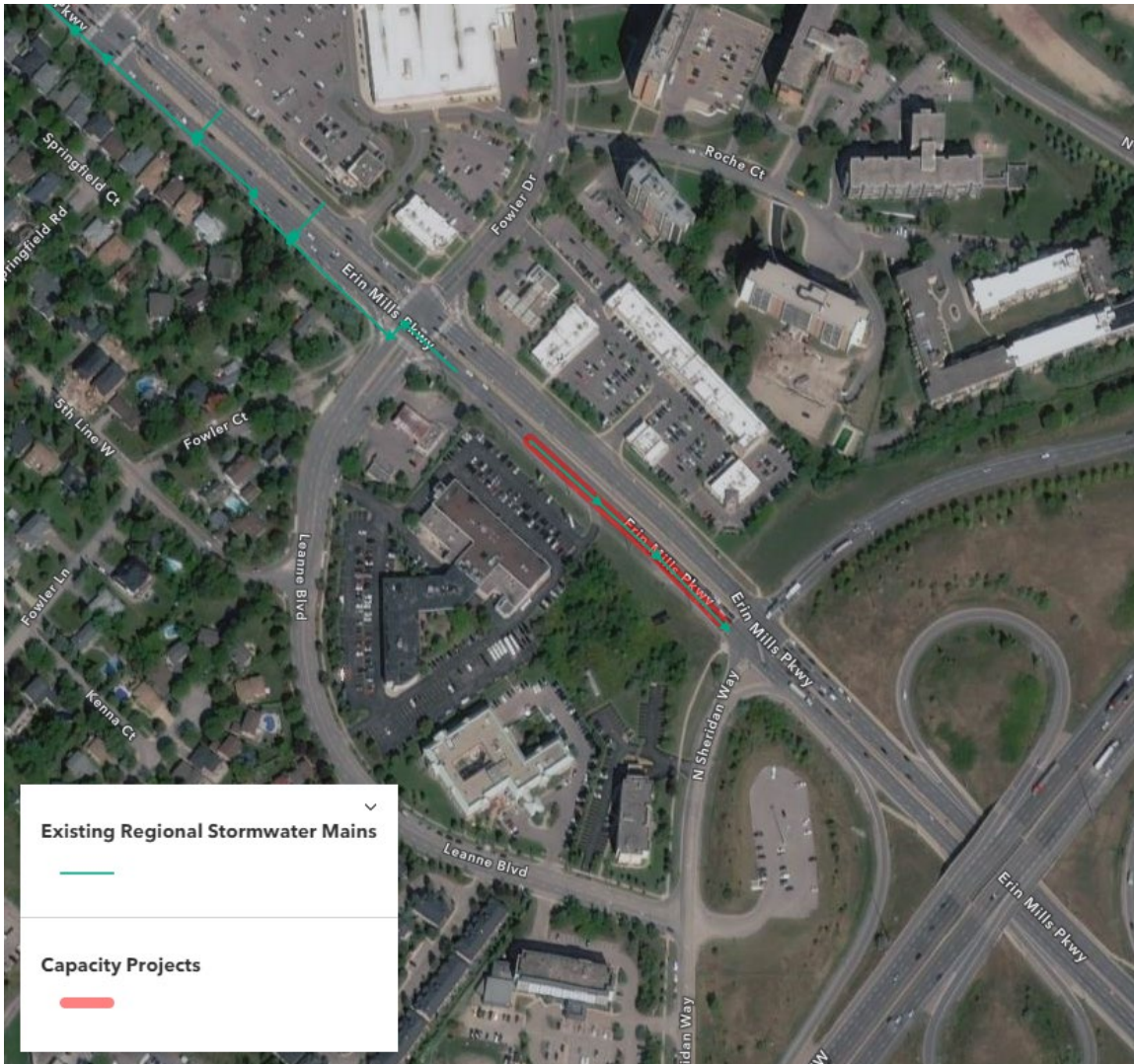
Upsize of existing storm sewer along Steeles Avenue West at Lancashire Lane.

## 5. Derry Road and Dishley Court



Upsize of existing storm sewer along Derry Road at Dishley Court.

## 6. Erin Mills Parkway and Queen Elizabeth Way (QEW) Ramp West

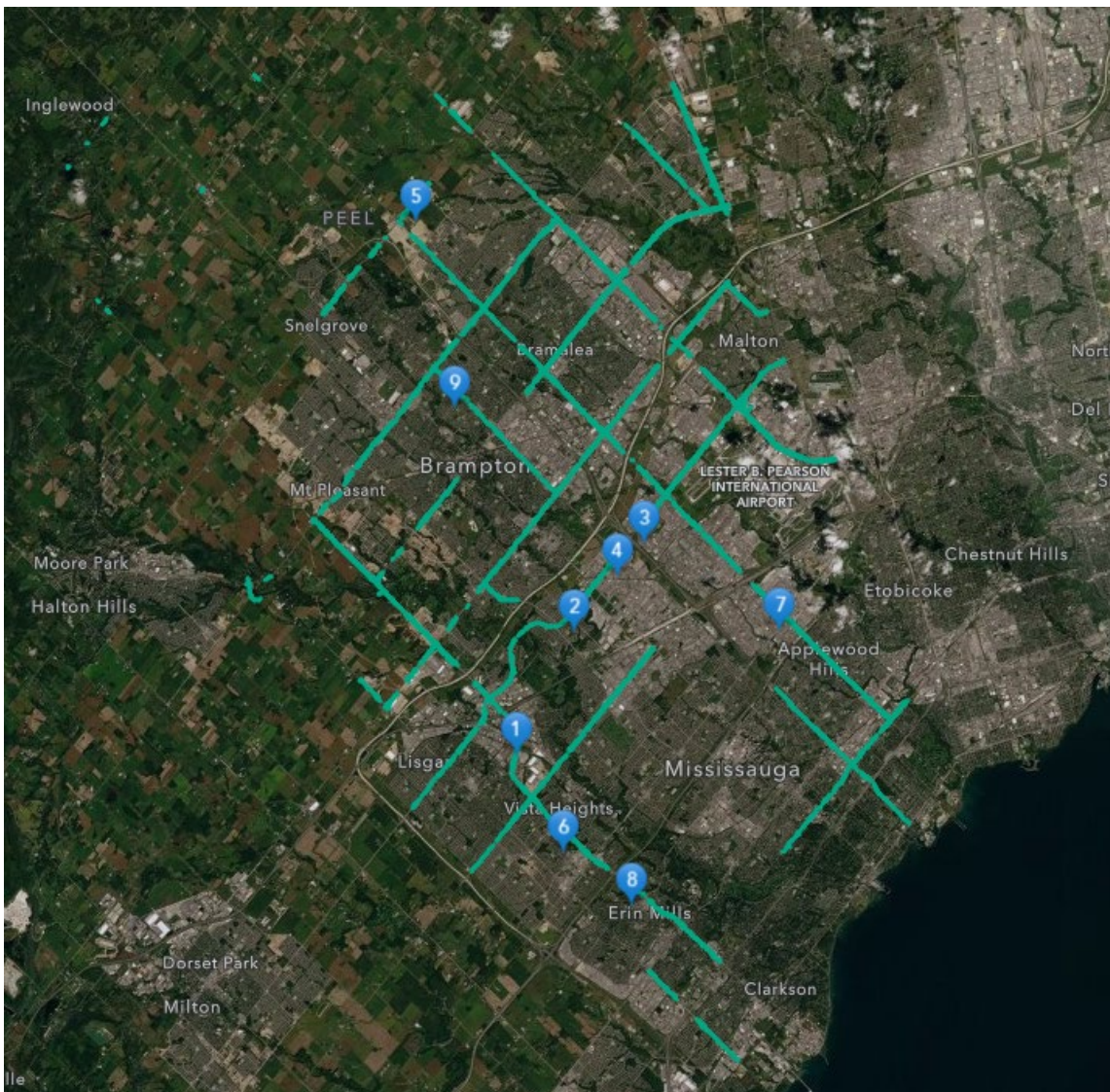


Upsize of existing storm sewer along Erin Mills Parkway at the QEW Ramp West.

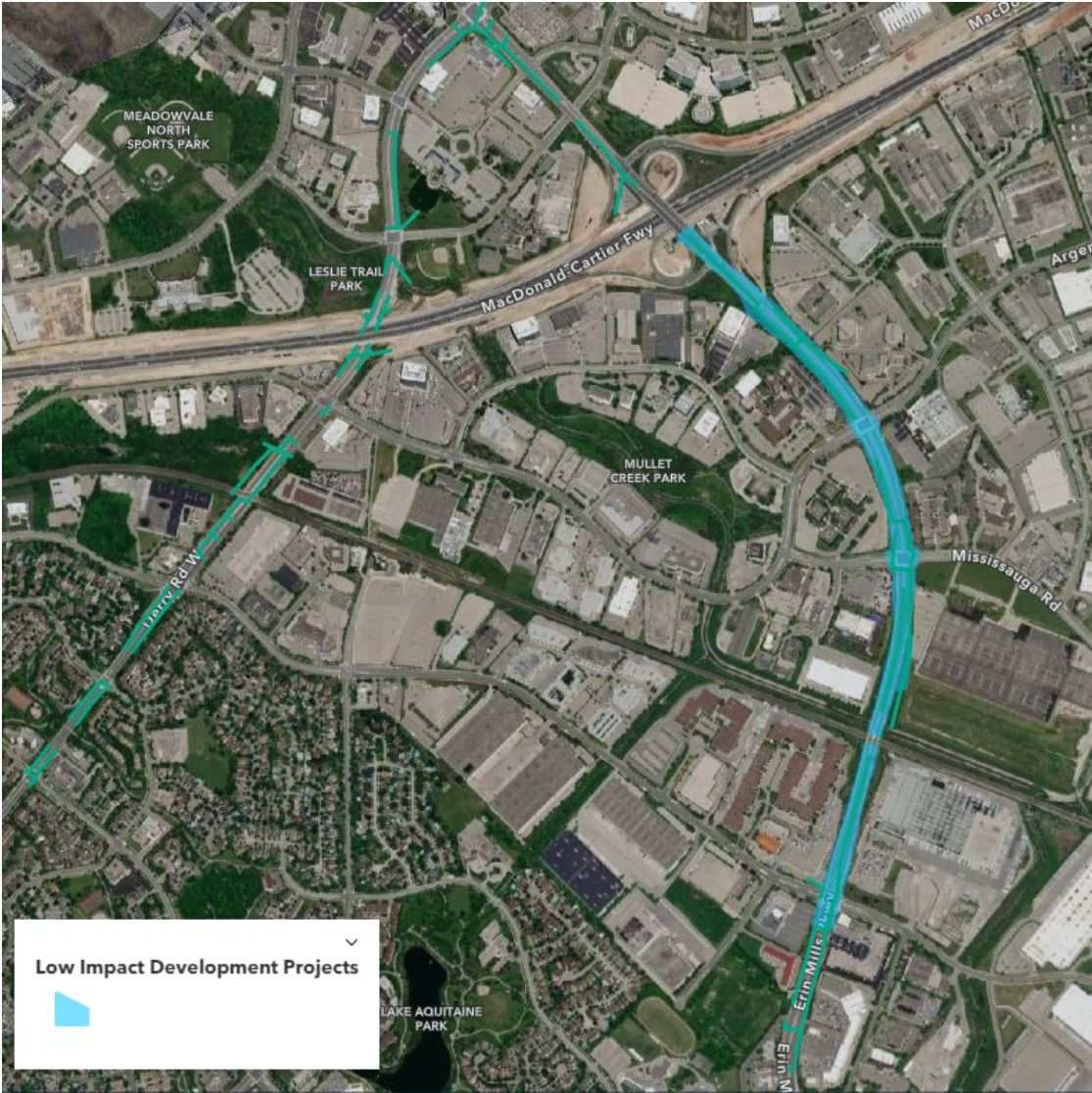
## Low Impact Development (LID) Implementation

A system wide evaluation process determined 17 locations where LID stormwater management strategies would be practical. Of these 17 locations, 9 were short-listed as the most favourable sites to implement LID strategies. The short-listed sites were determined by ranking highest in the following criteria:

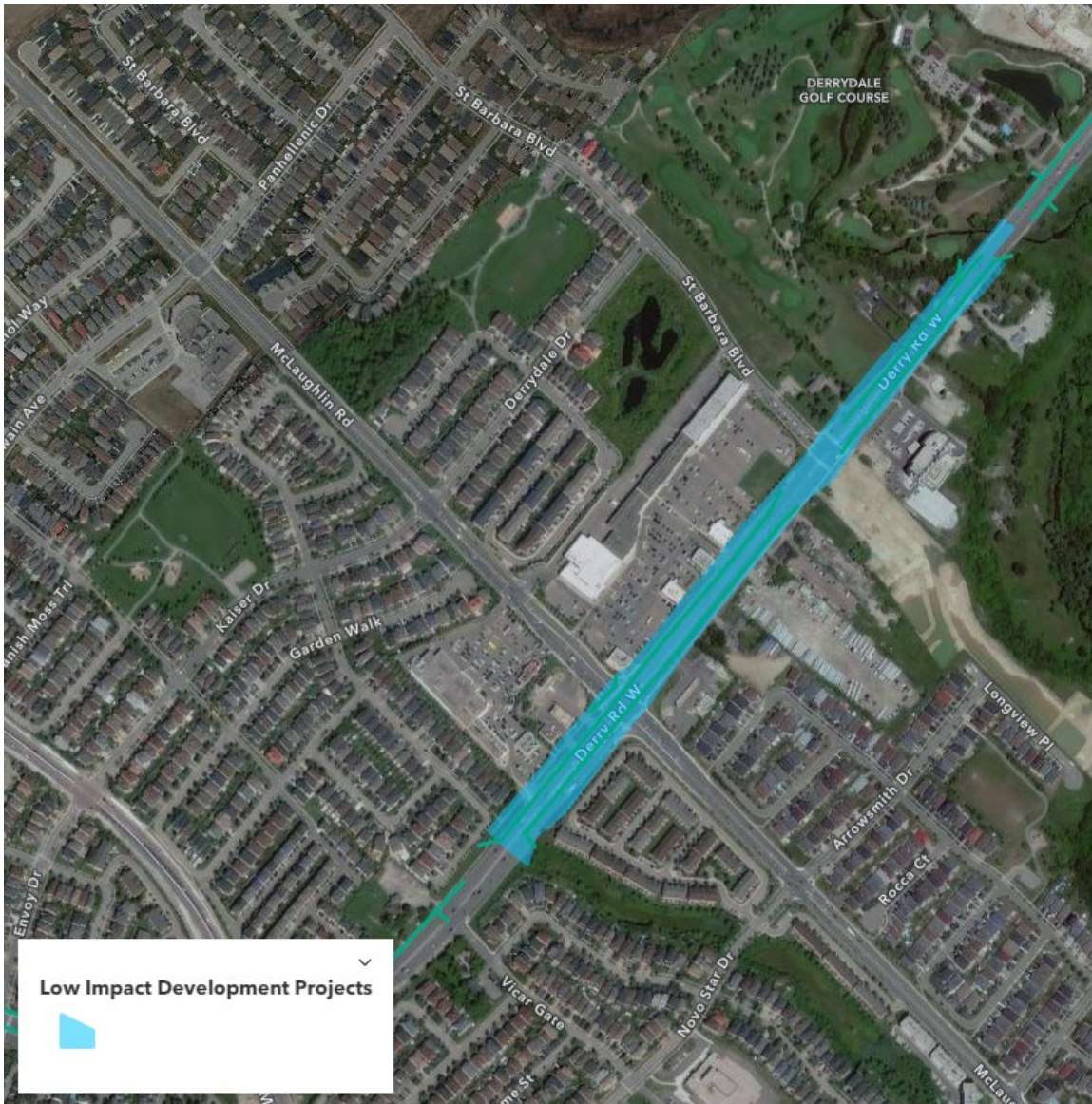
- Infiltration potential
- Pipe capacity and condition
- Surrounding road projects (i.e. road resurfacing, capital projects, sustainable transportation projects)
- Whether or not there are existing quality treatments
- Planned water and/or wastewater system projects
- Proposed studies
- Environmental sensitivities
- Erin Mills south of Highway 401
- Location #1:
  - Road resurfacing, corridor improvements, and a multi-use trail planned in 2024/2025
  - No existing quality treatment at outfall
  - Good infiltration potential



# 1. Erin Mills Parkway south of Highway 401



## 2. Derry Road and McLaughlin Road

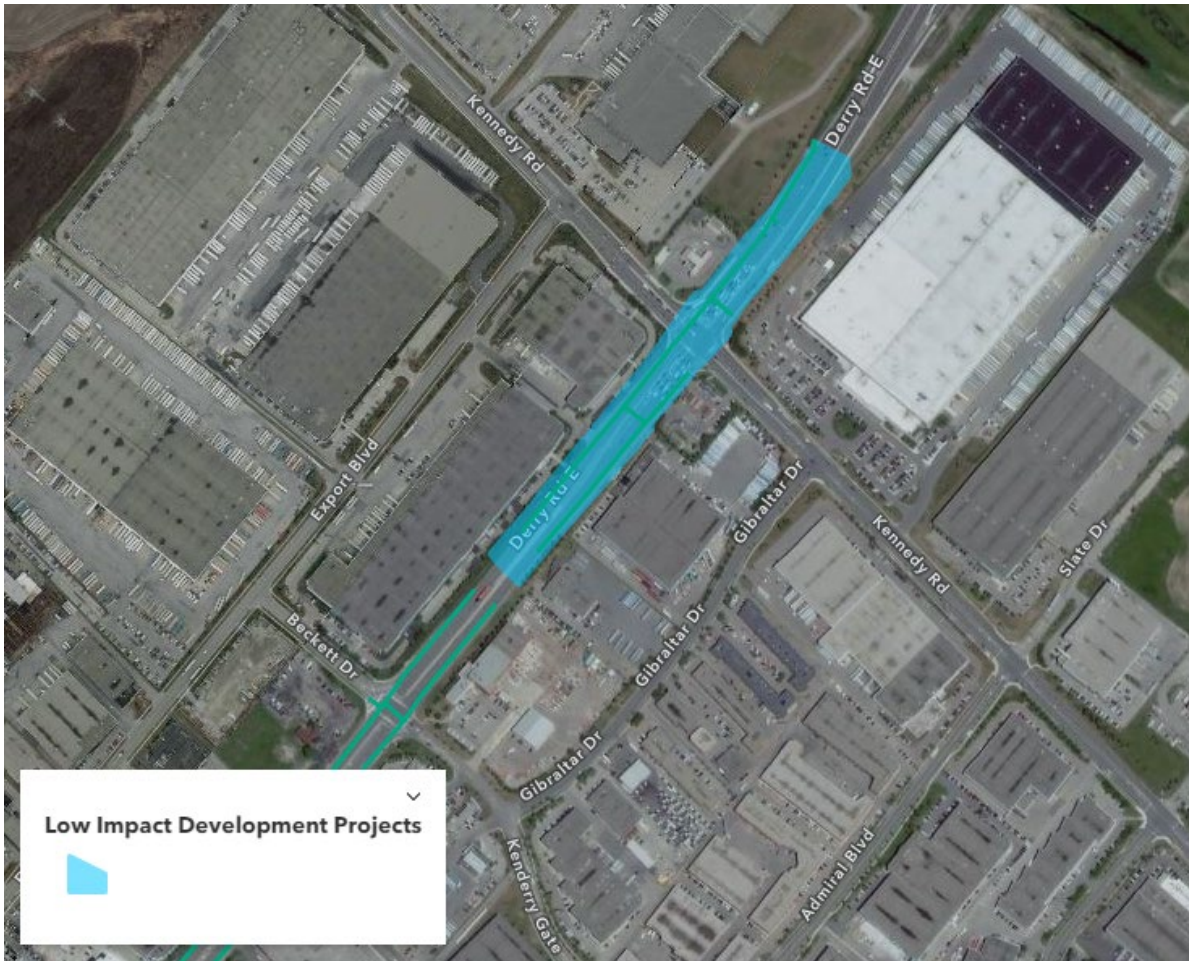


### 3. Derry Road east of Highway 410





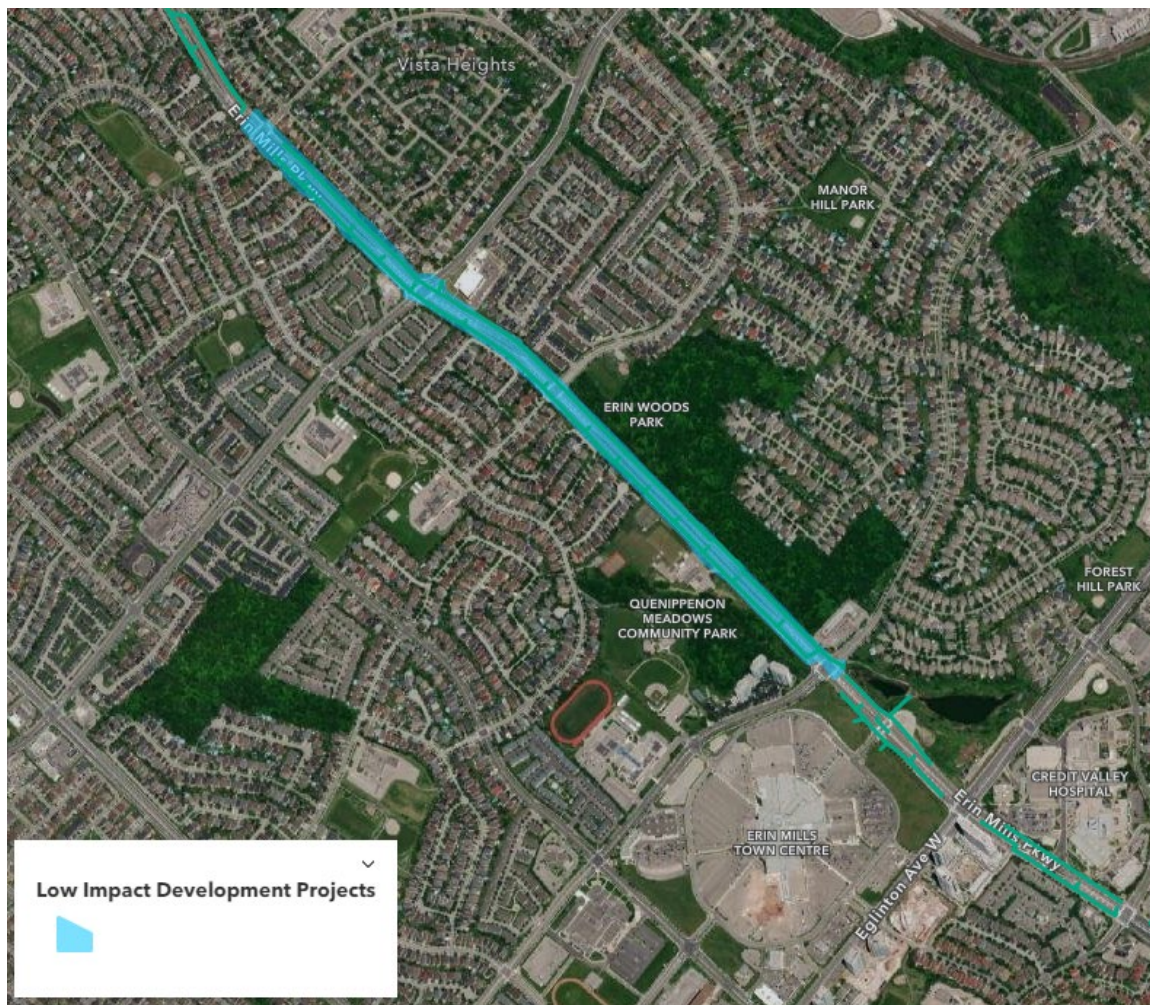
#### 4. Derry Road west of Highway 410



## 5. Mayfield Road east of Dixie Road



## 6. Erin Mills north of Highway 403



## 7. Dixie Road south of Highway 401



## 8. Erin Mills south of Highway 403

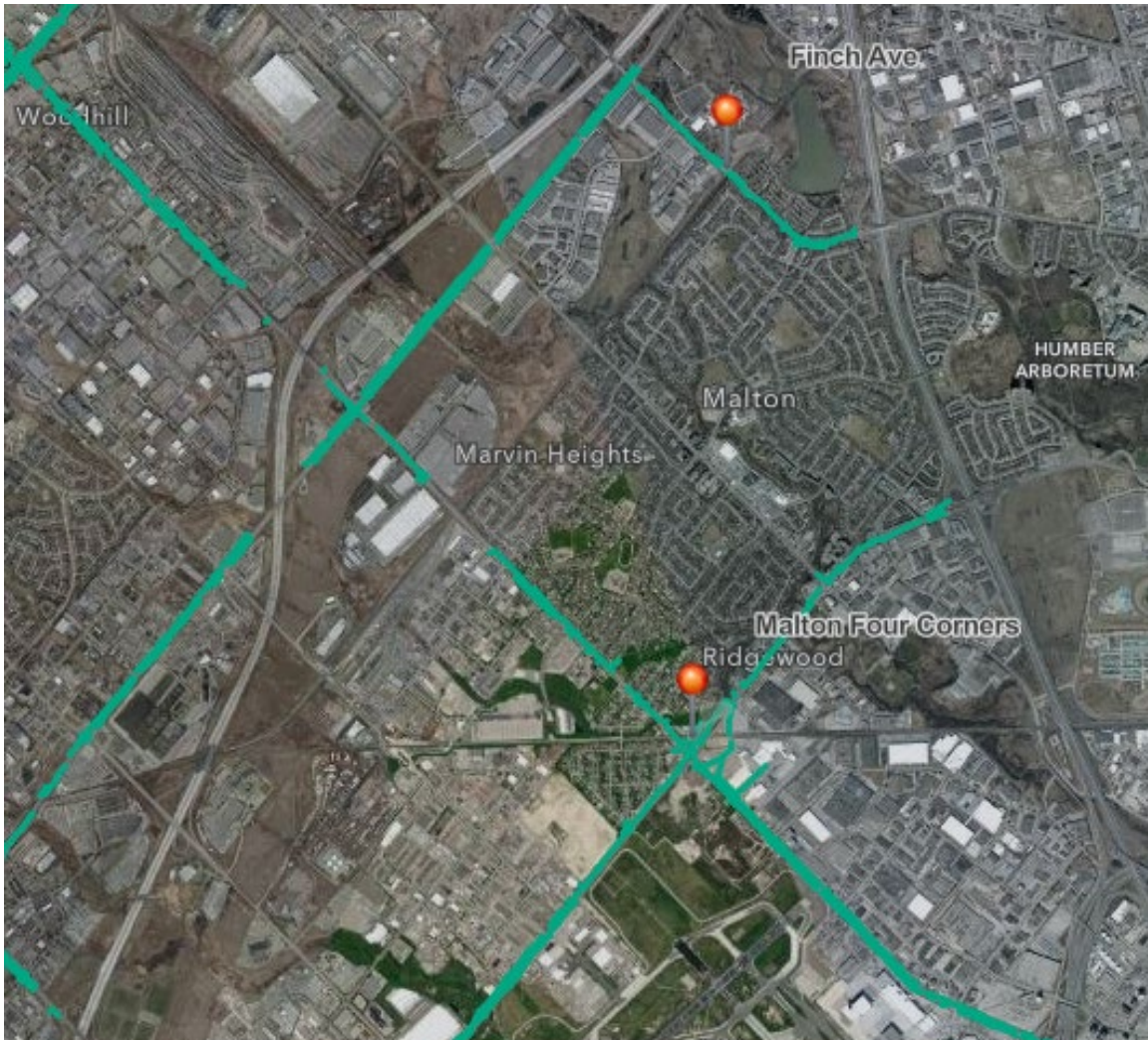


## 9. Kennedy Road south of Bovaird Drive



## Stormwater Pumping Station Review

The Region currently has two stormwater pumping stations which pump stormwater to storm sewers within the Region of Peel road network. These pumping stations were evaluated to determine if the pumping stations could be removed and a different method of directing stormwater to the storm sewers was possible.



## Malton Four Corners Pumping Station

The Malton Four Corners pumping station is in good working order as it was recently upgraded/rehabilitated in the past year. No modifications are proposed at this location and removal of the pumping station is not recommended.





## Finch Avenue Pumping Station

This Finch pumping station was recommended for rehabilitation following a condition assessment (GM BluePlan, 2015) and pre-design report (Associated Engineering, 2020). This study reviewed alternatives to determine if the pumping station could be removed and a different method of directing stormwater to the storm sewers was possible, in place of the planned rehabilitation. Following review of the storm sewer network and outfall locations and elevations, the pumping station is required, as all outlet elevations were unable to support a gravity system.

No modifications are proposed at this location and removal of the pumping station is not recommended.



## Project Coordination Opportunities

Through the engineering analysis, we have determined that upsizing is not required immediately. Upsizing is proposed at the time of renewal (repair or rehabilitation), or in-line with proposed LRTP growth-related roadworks. The following table highlights the potential capital project opportunities:

Capacity Project No.	Description	Planned Capital Project Opportunity
1	Emil Kolb Parkway and De Rose Ave.	Sustainable Transportation Strategy Or Asset Renewal
2	Bovaird Drive and Conestoga Drive	Asset Renewal
3	Steeles Avenue and Rivermont Road	Long Range Transportation Plan Or Asset Renewal
4	Steeles Avenue and Lancashire Lane	Asset Renewal
5	Derry Road and Dishley Court	Sustainable Transportation Strategy Or Asset Renewal
6	Erin Mills Parkway and QEW Ramp W	Sustainable Transportation Strategy Or Asset Renewal

Low Impact Development (LID) based projects are recommended for implementation due to growth within the Regional roads per the Long Range Transportation Plan (LRTP) or Sustainable Transportation Strategy (STS). The proposed LID projects will support growth within the Regional transportation network. The timelines will follow the individual Environmental Assessment (EA) timelines per the LRTP.

<b>LID Project No.</b>	<b>Description</b>	<b>Planned Capital Project Opportunity</b>
<b>1</b>	Erin Mills Parkway south of Highway 401	Sustainable Transportation Strategy
<b>2</b>	Derry Road and McLaughlin Road	Sustainable Transportation Strategy
<b>3</b>	Derry Road east of Highway 410	Sustainable Transportation Strategy
<b>4</b>	Derry Road west of Highway 410	Sustainable Transportation Strategy
<b>5</b>	Mayfield Road east of Dixie Road	Long Range Transportation Plan Sustainable Transportation Strategy
<b>6</b>	Erin Mills Parkway north of Highway 403	Sustainable Transportation Strategy
<b>7</b>	Dixie Road south of Highway 401	Sustainable Transportation Strategy
<b>8</b>	Erin Mills Parkway south of Highway 403	Sustainable Transportation Strategy
<b>9</b>	Kennedy Road south of Bovaird Drive (potential to become a City of Brampton owned road)	Sustainable Transportation Strategy

## Provide Feedback

Following this virtual Public Information Centre (PIC), the project team will review and consider the input received on the recommendations and complete the Stormwater Master Servicing Plan document.

We encourage you to get provide feedback by filling out this [comment sheet](#) by **March 10, 2022** to provide any feedback on the study and/or if you would like to receive project information updates. Responses to all comments received will be posted on March 24, 2022.

[Comment Sheet](#)

**Please contact the Project Manager, Ms. Syeda Banuri, M.Eng., P.Eng, at any point during the study if you have questions or comments.**

10 Peel Centre Drive, Brampton, ON, L6T 4B9 | 905-791-7800 | [syeda.banuri@peelregion.ca](mailto:syeda.banuri@peelregion.ca)

[Visit Project Website](#)

---

### Privacy and Accessibility

The Region of Peel is committed to ensuring that persons of all abilities are able to access our programs and services without encountering barriers. Tell us how we are doing on accessibility at the Region of Peel by [providing your feedback on accessible customer service here](#).

Please note that information related to this study will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. All comments related will become part of the public record and may be included in the study documentation prepared for public review.

Copyright © Region of Peel 2022. | All Rights Reserved.

---

## Appendix D - Stakeholder Received Comments

## Jim Harnum - GM BluePlan

---

**From:** James Jorgensen - GM BluePlan  
**Sent:** Monday, March 21, 2022 2:19 PM  
**To:** Jim Harnum - GM BluePlan  
**Subject:** FW: CFN 56040 - Region of Peel Stormwater Servicing Master Plan - PIC#2 - TRCA Comments  
**Attachments:** RE: Region of Peel - Stormwater Servicing Master Plan - Levels of Service Workshop; CFN 56040 - Region of Peel SW Servicing Master Plan - Draft Level of Service; Fw: Region of Peel's SWM Master Plan - Draft Scope of Works for Review and Comments

**James Jorgensen, B.SC., C.WEM, C.ENV, MIAM**  
Infrastructure Planning, Partner

**GM BluePlan Engineering Limited**  
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3  
t: 416.703.0667 ext: 7209 | c: 289.527.0570  
[james.jorgensen@gmblueplan.ca](mailto:james.jorgensen@gmblueplan.ca) | [www.gmblueplan.ca](http://www.gmblueplan.ca)



---

**From:** Shirin Varzgani <Shirin.Varzgani@trca.ca>  
**Sent:** Monday, March 14, 2022 5:51 PM  
**To:** syeda.banuri@peelegion.ca  
**Cc:** James Jorgensen - GM BluePlan <James.Jorgensen@gmblueplan.ca>; Suzanne Bevan <Suzanne.Bevan@trca.ca>  
**Subject:** CFN 56040 - Region of Peel Stormwater Servicing Master Plan - PIC#2 - TRCA Comments

Hi Syeda,

Toronto and Region Conservation Authority (TRCA) staff received notice of the Public Information Centre (PIC) #2, draft Natural Environment Report (dated January 2022), draft Hydrogeological and Geotechnical Desktop Study (dated January 2022) and draft Hydraulic and Fluvial Geomorphic Hazard Assessment (dated January 2022) on February 8, 2022. As a recognized commenting agency under the Ontario Environmental Assessment Act, and further to TRCA correspondence dated June 10, 2020, staff has expressed interest in this project.

It is TRCA staff understanding that this undertaking involves development of a stormwater servicing master plan that will provide a strategic, economical and optimized servicing to existing and future Regional road infrastructure taking into account existing infrastructure, growth, natural environment, and impacts of climate change.

### **Comments on the slides and the reports under PIC#2:**

Staff has reviewed the PIC #2 material and provides the following comments:

#### ***Geotechnical***

1. Staff has no concerns at this stage regarding the preliminary geotechnical study, however, as recommended in the report, detailed geotechnical study is required in support of the proposed undertaking to assess the ground

condition and to provide the geotechnical design recommendations for the various components of the proposed undertaking.

### ***Hydrogeology***

2. Staff supports the hydrogeologic assessment and the recommendations for further works at the site scale for Low Impact Development (LIDs).

### ***Storm Water management***

3. Stormwater Servicing Master Plan for Regional Roads identified some Regional Roads that need implementation of improved Stormwater Management (SWM) measures to address some existing capacity issues along with future climate change impacts. It is staff understanding that the proposed measures will be further explored by the Region when individual Environmental Assessment project is undertaken in the future. TRCA staff does not have any significant concerns at this stage.

### ***Climate Change and Planning***

4. TRCA staff commends that the Stormwater Servicing Master Plan for Regional Roads will consider the impacts of climate change. The PIC #2 presentation slides note that "Climate change-adjusted storm events were used in the analysis to ensure that the recommended strategies increase resiliency to climate change". However, no further details were provided in the slides or supporting documents, limiting our ability to comment on how climate change impacts have been considered. Recognizing that this is the last PIC of the Class EA process, staff would appreciate the opportunity to review further details of the climate change analysis.

### ***Planning Ecology***

5. TRCA can provide review of Significant Wildlife Habitat site investigations upon completion of field studies as detailed in Section 4.2 of the Natural Environment Report (NER).
6. As noted in Section 4.3 of the NER, TRCA will require filed assessments of the wetlands and possibly a Wetland Water Balance Risk Evaluation for any impacts posed to wetlands within the study area or their respective catchments.
7. TRCA recommends that stormwater upgrade works avoid impacts to watercourses and perspective fish habitat. TRCA will provide review and comments on fish habitat assessments for works proposed within or adjacent (within 30m) to watercourses for required TRCA permits.
8. If stormwater upgrade works are required within Significant Woodlands and Significant Valleylands, TRCA will require an Environmental Impact Study to identify and quantify potential impacts and provide mitigation management options and restoration measures.
9. TRCA concurs with the NER commitment to complete general wildlife and habitat assessment at all sites to determine presence of potential animal habitat.

Please note that the TRCA staff have previously provided comments on Region of Peel SWM Plan Scope of Works 2018 for this Master Plan and Levels of Servicing (both attached here). Please ensure that all TRCA comments were considered and addressed.

Furthermore, please note that staff is interested in further reviews once the Master Plan Study report/s are available. Staff request an opportunity to review and comment in detail. Please provide the Master Plan Study reports/documents once available.

Should you have any questions or require any additional information please contact me at extension 5785 or at [shirin.varzgani@trca.ca](mailto:shirin.varzgani@trca.ca).

Thank you and regards,

**Shirin Varzgani**, MIP, MES (Pl.) (she, her, hers)

Senior Planner

Infrastructure Planning and Permits | Development and Engineering Services

T: (416) 661-6600 ext. 5785

E: [shirin.varzgani@trca.ca](mailto:shirin.varzgani@trca.ca)

A: 101 Exchange Avenue, Vaughan, ON, L4K 5R6 | trca.ca





## Jim Harnum - GM BluePlan

---

**From:** Braden Fleming <bffleming@hrca.on.ca>  
**Sent:** Thursday, March 10, 2022 3:49 PM  
**To:** James Jorgensen - GM BluePlan; syeda.banuri@peelregion.ca  
**Cc:** Jim Harnum - GM BluePlan  
**Subject:** RE: Region of Peel Stormwater Servicing Master Plan - Notice of PIC#2

Good afternoon James and Syeda,

Conservation Halton (CH) has reviewed the Public Information Centre #2 materials presented for the Region of Peel Stormwater Servicing Master Plan for Regional Road Infrastructure. CH staff do not have any specific comments on the materials presented, but we provide the following general note for consideration going forward:

- Conservation Halton authorization and permit(s) may be required for work on lands in the study area where the project enters the Ninth Line corridor (in the Sixteen Mile Creek watershed) and at south end of Winston Churchill Blvd. (in the Joshua Creek watershed). Note that current development planning studies underway in the Ninth Line corridor, as well as the MTO Transitway EA for that area, should be considered in the SWM MP.

Thank you again for the opportunity to participate in this study.

Braden

**Braden Fleming, B.Sc. (Hons), EPT, ESCP**  
Environmental Planner  
*Pronouns: he/him*

**Conservation Halton**  
2596 Britannia Road West, Burlington, ON L7P 0G3  
905.336.1158 x2335 | Fax 905.336.6684 | [bfleming@hrca.on.ca](mailto:bfleming@hrca.on.ca)  
[conservationhalton.ca](http://conservationhalton.ca)



Click [here](#) to learn about Conservation Halton's new strategic plan.

*This message, including any attachments, is intended only for the person(s) named above and may contain confidential and/or privileged information. Any use, distribution, copying or disclosure by anyone other than the intended recipient is strictly prohibited. If you are not the intended recipient, please notify us immediately by telephone or e-mail and permanently delete the original transmission from us, including any attachments, without making a copy.*

---

**From:** Braden Fleming  
**Sent:** February 9, 2022 8:34 AM  
**To:** james.jorgensen@gmblueplan.ca; syeda.banuri@peelregion.ca  
**Cc:** Jim.Harnum@gmblueplan.ca  
**Subject:** RE: Region of Peel Stormwater Servicing Master Plan - Notice of PIC#2

Good morning James and Syeda,

Thank you for circulating the Notice of PIC #2 for the **Region of Peel Stormwater Servicing Master Plan for Regional Road Infrastructure** to Conservation Halton (CH). I will be the lead CH Planner on this file going forward, so could I ask

you to please add myself to the Contact List and remove Barb Veale? My contact information can be found in my email signature below.

CH will review the PIC #2 presentation materials and will provide any comments to your team as soon as possible, noting the close of the formal comment period on **March 10, 2022**.

Thanks,

**Braden Fleming, B.Sc. (Hons), EPT, ESCP**  
Environmental Planner  
Pronouns: he/him

**Conservation Halton**  
2596 Britannia Road West, Burlington, ON L7P 0G3  
905.336.1158 x2335 | Fax 905.336.6684 | [bfleming@hrca.on.ca](mailto:bfleming@hrca.on.ca)  
[conservationhalton.ca](http://conservationhalton.ca)



Click [here](#) to learn about Conservation Halton's new strategic plan.

*This message, including any attachments, is intended only for the person(s) named above and may contain confidential and/or privileged information. Any use, distribution, copying or disclosure by anyone other than the intended recipient is strictly prohibited. If you are not the intended recipient, please notify us immediately by telephone or e-mail and permanently delete the original transmission from us, including any attachments, without making a copy.*

---

**From:** Jim Harnum - GM BluePlan <[Jim.Harnum@gmblueplan.ca](mailto:Jim.Harnum@gmblueplan.ca)>  
**Sent:** February 7, 2022 4:25 PM  
**Cc:** James Jorgensen - GM BluePlan <[James.Jorgensen@gmblueplan.ca](mailto:James.Jorgensen@gmblueplan.ca)>; Banuri, Syeda <[syeda.banuri@peelregion.ca](mailto:syeda.banuri@peelregion.ca)>  
**Subject:** Region of Peel Stormwater Servicing Master Plan - Notice of PIC#2

To whom it may concern,

Please find attached a Notice of PIC#2 for the Region of Peel Stormwater Servicing Master Plan for Regional Road Infrastructure.

You are currently on this study's contact list. To be removed, or to suggest contacting an alternate member of your organization, please contact the study's project managers (contact information is provided in the attached notice).

Best Regards,

**Jim Harnum, B.Eng., E.I.T.**  
Infrastructure Planning

**GM BluePlan Engineering Limited**  
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3  
t: 416.703.0667 ext. 7205 | c: 416.420.0418  
[jim.harnum@gmblueplan.ca](mailto:jim.harnum@gmblueplan.ca) | [www.gmblueplan.ca](http://www.gmblueplan.ca)



N O T I C E - This message from GM BluePlan Engineering Limited is intended only for the use of the individual or entity to which it is addressed and may contain information which is privileged, confidential or proprietary. Internet communications cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, arrive late or contain viruses. By communicating with us via e-mail, you accept such risks. When addressed to our clients, any information, drawings, opinions or advice (collectively, "information") contained in this e-mail is subject to the terms and conditions expressed in the governing agreements. Where no such agreement exists, the recipient shall neither rely upon nor disclose to others, such information without our written consent. Unless otherwise agreed, we do not assume any liability with respect to the accuracy or completeness of the information set out in this e-mail. If you have received this message in error, please notify us immediately by return e-mail and delete the message from your computer systems.

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

## Jim Harnum - GM BluePlan

---

**From:** Banuri, Syeda <syeda.banuri@peelregion.ca>  
**Sent:** Monday, March 14, 2022 1:10 PM  
**To:** Kilis, Jakub  
**Cc:** James Jorgensen - GM BluePlan; Jim Harnum - GM BluePlan  
**Subject:** Re: CVC Comments - Region of Peel Stormwater Servicing Master Plan for Regional Roads - PIC 2 materials (EA 19/009)

Hi Jakub,

Thanks for the detailed review and comments. Project team will look at the comments and provide a response. If needed, we'll schedule a meeting to discuss further with you.

Thanks.  
Syeda

Get [Outlook for iOS](#)

---

**From:** Kilis, Jakub <Jakub.Kilis@cvc.ca>  
**Sent:** Monday, March 14, 2022 12:21 PM  
**To:** Banuri, Syeda <syeda.banuri@peelregion.ca>  
**Subject:** CVC Comments - Region of Peel Stormwater Servicing Master Plan for Regional Roads - PIC 2 materials (EA 19/009)

**CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.**

Hi Syeda,

CVC staff has completed our review of the materials for the Region of Peel Stormwater Servicing Master Plan for Regional Roads - PIC 2 including supporting studies and offer the following comments for your consideration

1. It does not seem like the SWMP is considering (via watershed health indicators) the needs of the receiving streams/ waterbodies. The work that we are doing with Aquafor Beech on our Watershed Level of Service project – i.e. the technical guidance document that Aquafor Beech is developing with us and Peel Climate Change Partners – had identified this as a gap.
2. The servicing plan seem to be focused on just looking as to whether or not the drainage works have 10-yr capacity. Did they look at any problem areas under a major event? Also, did they investigate any potential downstream conditions that could impact on the design capacity?
3. Please clearly indicate limits of disturbance for each study area in future submissions.
4. If the proposed outfalls are within the floodplain, please complete a hydraulic analysis to confirm there is no impact to the existing flood hazard. A loss of floodplain storage is not acceptable (please see Section 6: Floodplain Alteration of the following guidelines [https://cvc.ca/wp-content/uploads//2021/06/rpt\\_TechnicalGuidelines-Floodproofing\\_v2\\_20201112.pdf](https://cvc.ca/wp-content/uploads//2021/06/rpt_TechnicalGuidelines-Floodproofing_v2_20201112.pdf) . Therefore, any alterations to existing regulated watercourse must not have any off-site flooding impacts during all design storms from 2-year to 100-year and regional events This is specifically important if there will be any fill or grading planned within the floodplain.

#### Requirements for hydraulic analysis

- a. Cut and fill volume calculations for floodplain alterations
  - b. Hydraulic modelling carried out in HEC-RAS including a comparison of pre- and post-development conditions, summarized within a memo with model outputs and floodline mapping.
  - c. A digital copy of the HEC-RAS model must be submitted for review.
5. Please confirm that the capacity assessment carried out for existing infrastructure is for the current definition of the 1 in 10-year storm, or does this assessment account for increased storm intensity due to climate change?
  6. Is there potential for the proposed LID outfall features to back up for events larger than the 10-year storm? What is the anticipate maintenance required for the outfall to ensure they are fully operable?
  7. Are there any newly proposed impervious areas (paved surfaces etc.) within the right-of-way to support the construction/retrofit works? If so, please provide more detail with surface area in future submissions.
  8. Any work within the regulated area and watercourses will require erosion and sediment control (ESC) plans detailing the control measures for the entire duration of the construction works. These should be provided as part of the drawing package and follow recommendation as presented in [https://cvc.ca/wp-content/uploads//2021/06/rpt\\_ESCGuideforUrbanConstruction\\_f\\_2019.pdf](https://cvc.ca/wp-content/uploads//2021/06/rpt_ESCGuideforUrbanConstruction_f_2019.pdf)
  9. All submitted drawings are to include the following standard notes <https://cvc.ca/wp-content/uploads//2021/06/2021.04.07-StandardNotesforDrawingsSubmittedforCVCReview.pdf>
  10. All final reports, studies, and drawings are to be signed and sealed by a professional engineer or other qualified, competent professional.
  11. Natural Environment Report (NER)
    - a. Although informative, the report presented more as a checklist of existing natural heritage features and sensitive species on a site-by-site basis and missed speaking to how these features and functions might affect the project. (Unless I missed something), I had anticipated that the report would evolve towards discussing the overall sensitivity (high level) for each site, and potential impacts (high level) and general avoidances and mitigation, which in turn would help inform further project and design refinements.
    - b. More specifically, the report's introduction indicates that the purpose of the desktop NER is "to identify potential natural environmental constraints for each of the nine selected priority sites". As such, further discussion was expected regarding the Redside Dace Regulated Habitat (Fletchers Creek) within the area of the easternmost outfall at Site 2 which would, in turn, require a higher level of mitigation and discussions/permits from MECP.
    - c. Further to the above, please also clarify if both outfalls are required on Fletchers Creek at Site 2, or if the alternatives presented reflect an option between the two? Given that the westernmost outfall proposes storm water discharge to a tributary of Fletchers Creek that is not RSD regulated, it would be preferable to investigate an option that would completely avoid discharging directly to RSD habitat, if at all possible, when comparing all of the opportunities and constraints across disciplines.

Please let us know if you have any questions about the above,  
Jakub

I'm working remotely. The best way to reach me is by email, mobile phone or Microsoft Teams.

**Jakub Kilis** | RPP

Senior Manager, Infrastructure and Regulations | Credit Valley Conservation

905-670-1615 ext 287 | M: 647-212-6554

[jakub.kilis@cvc.ca](mailto:jakub.kilis@cvc.ca) | [cvc.ca](http://cvc.ca)



[View our privacy statement](#)

## Jim Harnum - GM BluePlan

---

**From:** Species at Risk (MECP) <SAROntario@ontario.ca>  
**Sent:** Tuesday, February 15, 2022 2:41 PM  
**To:** Jim Harnum - GM BluePlan  
**Cc:** James Jorgensen - GM BluePlan; Banuri, Syeda  
**Subject:** Region of Peel Stormwater Servicing Master Plan - Notice of PIC#2  
**Attachments:** Client Guide to Preliminary Screening-May 2019.pdf; Client Guide to Preliminary Screening-May 2019.pdf

Hi Jim,

In order to assist you in determining whether there may be any requirements under the Endangered Species Act, a preliminary screening will need to be completed to determine whether species at risk and their habitat(s) are present or may be impacted by the proposed project. The Ministry's Preliminary Screening Guide has been attached to this email as a reference to assist you.

The results of the preliminary screening must be submitted to SAROntario@ontario.ca. Along with these results, please also provide the following information:

- Site location of where the activities are to take place (e.g. UTM coordinates);
- Presence/absence and location of known or potential species at risk and/or species at risk habitat on or near the proposed site;
- Details of the activities;
- Type of activities planned (e.g. site clearing, quarrying, etc.);
- Timing for all planned activities;
- Contact information.

It is the responsibility of the proponent to ensure that species at risk are not killed, harmed, or harassed, and that their habitat is not damaged or destroyed through the activities carried out on the site.

Regards,

Shamus Snell  
A/ Management Biologist  
Species at Risk Branch  
Ministry of Environment, Conservation and Parks  
Email: [shamus.snell@ontario.ca](mailto:shamus.snell@ontario.ca)

---

**From:** Jim Harnum - GM BluePlan <Jim.Harnum@gmblueplan.ca>  
**Sent:** February 7, 2022 4:25 PM  
**Cc:** James Jorgensen - GM BluePlan <James.Jorgensen@gmblueplan.ca>; Banuri, Syeda <syeda.banuri@peelregion.ca>  
**Subject:** Region of Peel Stormwater Servicing Master Plan - Notice of PIC#2

**CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.**

To whom it may concern,

Please find attached a Notice of PIC#2 for the Region of Peel Stormwater Servicing Master Plan for Regional Road Infrastructure.

You are currently on this study's contact list. To be removed, or to suggest contacting an alternate member of your organization, please contact the study's project managers (contact information is provided in the attached notice).

Best Regards,

**Jim Harnum, B.Eng., E.I.T.**

Infrastructure Planning

**GM BluePlan Engineering Limited**

Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3

t: 416.703.0667 ext. 7205 | c: 416.420.0418

[jim.harnum@gmblueplan.ca](mailto:jim.harnum@gmblueplan.ca) | [www.gmblueplan.ca](http://www.gmblueplan.ca)



---

**N O T I C E** - This message from GM BluePlan Engineering Limited is intended only for the use of the individual or entity to which it is addressed and may contain information which is privileged, confidential or proprietary. Internet communications cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, arrive late or contain viruses. By communicating with us via e-mail, you accept such risks. When addressed to our clients, any information, drawings, opinions or advice (collectively, "information") contained in this e-mail is subject to the terms and conditions expressed in the governing agreements. Where no such agreement exists, the recipient shall neither rely upon nor disclose to others, such information without our written consent. Unless otherwise agreed, we do not assume any liability with respect to the accuracy or completeness of the information set out in this e-mail. If you have received this message in error, please notify us immediately by return e-mail and delete the message from your computer systems.



**To:** Syeda Banuri, Project Manager  
Transportation Services

**Date:** March 10, 2022

**From:** Marsha Paley, Principal Planner

**Subject:** Region of Peel's Stormwater Servicing Master Plan for Regional Road Infrastructure

**CC:** Mark Head, Manager, Research & Analysis  
Learie Miller, Principal Planner  
Gail Anderson, Principal Planner

---

Planning and Development Services, Research and Analysis staff have reviewed the documents listed below and provide the following comments for your consideration.

- Hydrogeological and Geotechnical Desktop Study;
- Stage 1 Archaeological Assessment;
- Cultural Heritage Screening Report;
- Natural Environment Report; and,
- Hydraulic and Fluvial Geomorphic Hazard Assessment.

This study is being planned in accordance with the Master Planning process (Approach #1) as set out in Section A.2.7 of the Municipal Engineer Association (MEA) Class EA (October 2000, as amended in 2007, 2011 & 2015) and involves the preparation of a Master Plan document at the conclusion of Phase 1 and 2 of the Class EA process. We understand the above technical studies prepared by Golder Associates Ltd are supporting components of Phase 2 of the Region of Peel's initial Stormwater Servicing Master Plan for Regional Road Infrastructure.

**General Comments - *Water Resource System and Natural Heritage System Policy Conformity***

Planning for Regional infrastructure is required to conform with applicable Provincial policy requirements as set out in the Provincial Policy Statement, 2020, the Growth Plan for the Greater Golden Horseshoe, 2020 and the current in-effect policies of the Regional Official Plan.

Please note the Region has undertaken and is in the last stage, of the Peel 2051 Official Plan Review and Municipal Comprehensive Review (MCR). The work has resulted in a new draft Official Plan to help the Region comply with new provincial legislation, plans and policies. Policy 2.3.3 requires the Region to "*Protect, maintain, restore and enhance the quality and ecological integrity of ecosystems, including air, water, land and biota jointly with the local municipalities, conservation authorities, federal and provincial agencies.*"

The updated policy direction that is being incorporated in the Peel 2051 new Regional Official Plan implements a systems approach to identify, protect, restore and improve

water resources in Peel. The updated policy framework provides direction for watershed planning, subwatershed planning, and stormwater management with requirements that municipalities prepare stormwater master plans informed by watershed planning. Growth Plan Policy 3.2.7.1 and draft Regional Official Plan Policy 2.6.20.7 (see link below) set out general requirements for stormwater master plans. Regional staff recommend that the Stormwater Servicing Master Plan and related supporting technical studies continue to reference and be informed by the policy directions as noted and watershed planning information provided by the Conservation Authorities for the major watersheds in Peel and include provisions for the regular review and updating of the Master Plan as watershed planning studies are updated.

Regional Planning staff recommend that the Master Plan continue to emphasize the implementation of low impact development and green infrastructure approaches. Please note that the Scoped Subwatershed Study for the Peel 2051 Official Plan review Settlement Area Boundary Expansion Study has now been completed and should be reviewed and referenced for any recommended stormwater improvements that are planned to service Regional roads located within the 2051 New Urban Area (SABE). The Scoped Subwatershed Study includes recommendations, criteria and guidance for water management and stormwater quantity and quality control. The Peel 2051 Official Plan review, draft policies and mapping and Scoped SWS webpage links are listed below. The Part B Report (Sections 2.1, 2.3 to 2.6) and Part C Report (Sections 2.1, 2.2, 2.4 and 2.5) are most relevant to the Stormwater Servicing Master Plan.

<https://www.peelregion.ca/officialplan/review/>  
<https://www.peelregion.ca/officialplan/review/draft-policies/>  
<https://www.peelregion.ca/officialplan/review/focus-areas/settlement-area-boundary.asp#study-reports>

### ***Identification of Recommended Stormwater Improvements***

The detailed studies submitted for the nine identified stormwater improvement sites indicate that there are sensitive natural features at all nine of the locations. These features represent potential constraints to development requiring further assessment which has been summarized along with recommended setbacks and other mitigation measures.

Additional general wildlife and habitat assessments are being recommended to be undertaken to be completed at all sites to determine the presence of potential habitat, following which, additional field surveys are required before Regional road improvement projects are constructed and the associated stormwater infrastructure and LID are implemented.

Please note that the new Peel 2051 Official Plan includes policy direction for infrastructure planning and that the planning for the development, optimization or expansion of infrastructure demonstrate that negative impacts on the Greenland System and Water Resource System have been avoided or, if avoidance is not possible, minimized and to the extent feasible mitigated (draft Policy 5.4.17b).

We recommend that the Conservation Authorities be consulted to provide watershed planning information relevant to the Master Plan and on the recommended mitigation and proposed LID stormwater improvements.

### **Summary**

In summary, Regional staff have no concerns or comments on the detailed technical studies, however, we suggest that the Conservation Authorities be consulted for technical comments on the Master Plan and proposed improvements and that the Scoped Subwatershed Study be reviewed and the draft Official Plan policies be considered prior to completion of the Master Plan process.

Should you have any questions, on these comments, please contact the undersigned at [marsha.paley@peelregion.ca](mailto:marsha.paley@peelregion.ca) or at 1-437-242-1270. Thank you for your consideration of the comments.

Regards,

*Marsha L. Paley*

Marsha Paley, MCIP, RPP, CMO  
Principal Planner | Environment

## Jim Harnum - GM BluePlan

---

**From:** FU Rebecca <Rebecca.Fu@HydroOne.com> on behalf of HOT OUTSIDE PLANT <HOTOutsidePlant@HydroOne.com>  
**Sent:** Thursday, March 10, 2022 2:41 PM  
**To:** Jim Harnum - GM BluePlan; James Jorgensen - GM BluePlan; 'syeda.banuri@peelregion.ca'  
**Cc:** HOT OUTSIDE PLANT  
**Subject:** FW: Region of Peel Stormwater Servicing Master Plan - Notice of PIC#2  
**Attachments:** HOT-BR-BRAMPENG-02 - As Built old.dwg

Good after Jim,

Please kindly add [hotosp@HydroOne.com](mailto:hotosp@HydroOne.com) to your contact list.

Also, we do have some U/G infrastructure in the boulevard. If you need any as-built drawing in any of the area within your work extent, please send us a request and specify the street/ major intersection. We will be happy to provide the drawings.

Thanks.

Rebecca

---

**From:** MITCHELL Ian  
**Sent:** Wednesday, February 16, 2022 11:46 AM  
**To:** MUNGAL Eddison; BRENNAN Bryan; WAJDI-HOUJEILY Nadeen  
**Subject:** FW: Region of Peel Stormwater Servicing Master Plan - Notice of PIC#2

Team,

Not sure if you received this thought I would pass along to you for reference.

Thanks,



**Ian Mitchell**  
Outside Plant (Engineering) Manager /  
HSEMS Rep  
Acronym Solutions Inc.  
HydroOneTelecom.com/Acronym  
M: 647-287-3007  
65 Kelfield St, Toronto, ON M9W 5A3

---

**From:** Jim Harnum - GM BluePlan <[Jim.Harnum@gmblueplan.ca](mailto:Jim.Harnum@gmblueplan.ca)>  
**Sent:** Wednesday, February 16, 2022 10:56 AM  
**Cc:** Banuri, Syeda <[syeda.banuri@peelregion.ca](mailto:syeda.banuri@peelregion.ca)>; James Jorgensen - GM BluePlan <[James.Jorgensen@gmblueplan.ca](mailto:James.Jorgensen@gmblueplan.ca)>  
**Subject:** Region of Peel Stormwater Servicing Master Plan - Notice of PIC#2

**\*\*\* Exercise caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. \*\*\***

Hello Sir/Madam,

Please find attached a Notice of PIC#2 for the Region of Peel Stormwater Servicing Master Plan for Regional Road Infrastructure. Apologies if you have already received this notice. We are re-sending to you as we received an email bounce-back upon our first attempt.

You are currently on this study's contact list. To be removed, or to suggest contacting an alternate member of your organization, please contact the study's project managers (contact information is provided in the attached notice).

Best Regards,

**Jim Harnum, B.Eng., E.I.T.**  
Infrastructure Planning

**GM BluePlan Engineering Limited**  
Royal Centre | 3300 Highway No. 7, Suite 402 | Vaughan ON L4K 4M3  
t: 416.703.0667 ext. 7205 | c: 416.420.0418  
[jim.harnum@gmblueplan.ca](mailto:jim.harnum@gmblueplan.ca) | [www.gmblueplan.ca](http://www.gmblueplan.ca)



---

**N O T I C E** - This message from GM BluePlan Engineering Limited is intended only for the use of the individual or entity to which it is addressed and may contain information which is privileged, confidential or proprietary. Internet communications cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, arrive late or contain viruses. By communicating with us via e-mail, you accept such risks. When addressed to our clients, any information, drawings, opinions or advice (collectively, "information") contained in this e-mail is subject to the terms and conditions expressed in the governing agreements. Where no such agreement exists, the recipient shall neither rely upon nor disclose to others, such information without our written consent. Unless otherwise agreed, we do not assume any liability with respect to the accuracy or completeness of the information set out in this e-mail. If you have received this message in error, please notify us immediately by return e-mail and delete the message from your computer systems.

This email and any attached files are privileged and may contain confidential information intended only for the person or persons named above. Any other distribution, reproduction, copying, disclosure, or other dissemination is strictly prohibited. If you have received this email in error, please notify the sender immediately by reply email and delete the transmission received by you. This statement applies to the initial email as well as any and all copies (replies and/or forwards) of the initial email

## Jim Harnum - GM BluePlan

---

**From:** Banuri, Syeda <syeda.banuri@peelregion.ca>  
**Sent:** Tuesday, March 08, 2022 2:39 PM  
**To:** Jim Harnum - GM BluePlan; James Jorgensen - GM BluePlan  
**Subject:** Fwd: Hydro One Response: 20220308-NoticeOfPIC2-Stormwater Servicing Master Plan for Regional Road Infrastructure  
**Attachments:** 20220308-NoticeOfPIC2-Stormwater Servicing Master Plan for Regional Road Infrastructure.pdf

Get [Outlook for iOS](#)

---

**From:** SUN Hongxia <Susan.SUN@HydroOne.com> on behalf of SECONDARY LAND USE Department <Department.SecondaryLandUse@hydroone.com>  
**Sent:** Tuesday, March 8, 2022 2:25 PM  
**To:** James Jorgensen - GM BluePlan  
**Cc:** SECONDARY LAND USE Department; Banuri, Syeda  
**Subject:** Hydro One Response: 20220308-NoticeOfPIC2-Stormwater Servicing Master Plan for Regional Road Infrastructure

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Please see the attached for Hydro One's Response.

Hydro One Networks Inc  
SecondaryLandUse@HydroOne.com

This email and any attached files are privileged and may contain confidential information intended only for the person or persons named above. Any other distribution, reproduction, copying, disclosure, or other dissemination is strictly prohibited. If you have received this email in error, please notify the sender immediately by reply email and delete the transmission received by you. This statement applies to the initial email as well as any and all copies (replies and/or forwards) of the initial email



Hydro One Networks Inc  
483 Bay St  
Toronto, ON

March 08, 2022

Re: Stormwater Servicing Master Plan for Regional Road Infrastructure

Attention:

James Jorgensen, B.SC., C.WEM, C.ENV, MIAM  
GM BluePlan Engineering

Thank you for sending us notification regarding (Stormwater Servicing Master Plan for Regional Road Infrastructure). In our preliminary assessment, we confirm there are no existing Hydro One Transmission assets in the subject area. Please be advised that this is only a preliminary assessment based on current information.

If plans for the undertaking change or the study area expands beyond that shown, please contact Hydro One to assess impacts of existing or future planned electricity infrastructure.

Any future communications are sent to [Secondarylanduse@hydroone.com](mailto:Secondarylanduse@hydroone.com).

Be advised that any changes to lot grading and/or drainage within proximity to Hydro One transmission corridor lands must be controlled and directed away from the transmission corridor.

Sent on behalf of,

***Secondary Land Use  
Asset Optimization  
Strategy & Integrated Planning  
Hydro One Networks Inc.***

**Region of Peel**  
**Stormwater Servicing Master Plan for Regional Road Infrastructure**  
**Municipal Class Environmental Assessment**  
**Public Information Centre No. 2 – Comments Received**

The Virtual Public Information Centre (PIC) No. 2 was held from February 17, 2022 to March 10, 2022. This included a StoryMaps presentation (including alternative format), project materials for review, and an opportunity for interested individuals to provide comments via an online comment form.

PIC No. 2 materials for review included project summary including project evaluation (Class EA Phase 1 and 2) and next steps. These materials will remain posted on the Stormwater Servicing Master Plan for Regional Roads project website below:

<https://www.peelregion.ca/pw/transportation/residents/sw-road-infrastructure.asp>

During the 3-week engagement period, we received 453 views of the display panels (StoryMaps website). Comments and feedback were received from the public and key stakeholders during the PIC comment period to support the Class EA process including:

- Received comments / feedback from:
  - Interested stakeholders
  - Key review agencies including the Region of Peel, Conservation Valley Conservation (CVC), and Toronto and Region Conservation Area (TRCA)

To maintain public information privacy, responses to comments received will be provided to individual stakeholders and included in the Stormwater Master Plan study with the exception of private contact details. The feedback received will be considered in the finalization of the Stormwater Master Plan study. One comment received through the comment form was submitted anonymously. As such, the comment and response will be documented below:

**Comment/Question:**

Is there risk of surcharge and flooding due to pipe upsizing being undertaken at the time of asset renewal and not planned for sooner?

**Response:**

There are no known historical complaints of flooding in the identified areas for upsizing. Based on all available information including the modelling assessment, the severity of the issues do not require immediate action but should be considered in terms of pipe upsizing at the time of asset renewal.

For any further comments or inquiries regarding this study, please contact the Region of Peel Project Manager, Syeda Banuri. Contact information is available on the project website above.



## Appendix E-5 – Study Completion

## NOTICE OF STUDY COMPLETION Stormwater Servicing Master Plan for Regional Road Infrastructure

### Background

The Region of Peel has completed a strategic and integrated infrastructure planning initiative to develop a Stormwater Servicing Master Plan for Regional Roads. The process provided the Region with a basis to make sound decisions to service current and future growth that also addressed existing issues and the expected impacts of climate change. The Stormwater Servicing Master Plan provides a strategic, economical, and optimized vision that will guide the Region of Peel's management of stormwater assets into the 2041 horizon year.

### Process

This study was undertaken in accordance with the Master Planning process (Approach #1) as set out in Section A.2.7 of the Municipal Engineer Association (MEA) Class EA (October 2000, as amended in 2007, 2011 & 2015). This approach involved the preparation of a Master Plan document at the conclusion of Phase 1 and 2 of the Class EA process.

### Master Plan Report

The Master Plan Report will be available for a 30-day public review period starting November 17, 2022, and ending December 17, 2022, in accordance with the requirements of the Municipal Class EA process. An electronic copy of the Master Plan Report will be available on the Region of Peel website project webpage at: <https://www.peelregion.ca/pw/transportation/residents/sw-road-infrastructure.asp>.

### Comments and/or Concerns

If you wish to submit your comments and/or concerns on this project, please first contact the Project Managers listed below.

**Syeda Banuri, M.Eng., P.Eng., Project Manager**  
Region of Peel  
10 Peel Centre Drive, Suite B, Brampton, ON, L6T 4B9  
Phone: 416-407-7860  
Email: [syeda.banuri@peelregion.ca](mailto:syeda.banuri@peelregion.ca)

**James Jorgensen, B.Sc., C.WEM, C.ENV, MIAM**  
GM BluePlan Engineering  
3300 Highway No. 7, Suite 402, Vaughan, ON, L4K 4M3  
Phone: 289-527-0570  
Email: [james.jorgensen@gmblueplan.ca](mailto:james.jorgensen@gmblueplan.ca)

If your concerns cannot be resolved, you may send your Section 16 Order request to the Minister of Environment, Conservation and Parks and the Director of the Environmental Assessment Branch at the addresses listed below.

**Hon. David Piccini, Minister**  
**Ministry of the Environment, Conservation and Parks**  
777 Bay Street, 5th Floor, Toronto ON M7A 2J3  
Email: [Minister.mecp@ontario.ca](mailto:Minister.mecp@ontario.ca)

**Director, Environmental Assessment Branch**  
**Ministry of the Environment, Conservation and Parks**  
135 St. Clair Avenue West, 1st Floor, Toronto ON M4V 1P5  
Email: [EABDirector@ontario.ca](mailto:EABDirector@ontario.ca)

A copy of the request should also be sent to the Region of Peel's Project Manager. All requests must be received within the 30-day public review period.

The Region of Peel is committed to ensure that all Regional services, programs, and facilities are inclusive and accessible for persons with disabilities. Please contact the Project Manager if you need any accommodations to provide comments or feedback for this study.

**This notice was first issued on November 17, 2022.**

