



Issue Date:	January 7, 2019	File No.:	.01.01.06
To:	Soheil Nejatian, P.Eng.	Previous Issue Date:	N/A
From:	Marko Paranosic, P.Eng, PE	Project No.:	2018-5301
Client:	City of Brampton		
Project Name:	Denison Avenue Extension EA Study		
Subject:	Utility Relocations Report		

1 INTRODUCTION

The City of Brampton (City) has undertaken a Schedule "B" Municipal Class Environmental Assessment (EA) Study to investigate the proposed extension of Denison Avenue, between Park Street and Mill Street, in the downtown area of the City.

The study has been completed in accordance with the Municipal Engineers Association Municipal Class Environmental Assessment Guidelines (October 2000 and as amended in 2007, 2011 and 2015) which is an approved process under the Ontario Environmental Assessment Act.

As part of this study, all utility agencies were contacted to inform them of the study, establish any above and below ground conflicts between existing plant and the proposed undertaking, identifying any property easement requirements for utility infrastructure and establishing the proposed location for any and all new utility plant within the study area.

2 CONTACT

There were two (2) points of contact during the study with utility agencies;

- January 24, 2019 - Notice of Project Commencement and invitation to participate in the Technical Advisory Committee (TAC) for the study; and,
- November 15, 2019 - Circulation to Peel Utilities Coordination Committee (PUCC) members of the preferred preliminary design for the extension of Denison Avenue.

2.1 Utility Tracking Log

Attached to this report is a log of all contacts had with utilities with regards to this project and responses (or lack thereof) received.

3 IDENTIFIED UTILITY RELOCATION REQUIREMENTS

Following is an outline of identified utility relocation requirements for the Denison Avenue Extension. All other utilities not listed in the table below indicated that they had no existing presence within the area and/or no plans for future infrastructure.

Utility	Requirement	Future Action
Region of Peel Water & Wastewater	The Region of Peel has identified a need for a new 300mm dia. Watermain along the new Denison Avenue extension to connect Mill Street and Park Street, with the aim of using the new connection to facilitate abandoning an existing watermain	Coordination w. Region of Peel regarding 300mm watermain installation during detailed design.



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		connection from Railroad Street to Park Street through the Metrolinx parking lot. The alignment is at the City of Brampton discretion and subject only to any conflicts with other planned underground infrastructure. To be followed up on for detailed design.	
Enbridge		Plans to extend the existing gas main along the east side of Park Street north, past the proposed intersection with the Denison Avenue Extension, to service the 45 Railroad Street development. Timing of this work may precede extension construction.	Coordination w. Enbridge prior to start of detailed design. Identification of new gas alignment through locates and/or exposures during detailed design.
Hydro Brampton	One	One (1) hydro pole located on Mill Street, west side, north of 45 Mill Street would be in conflict with the proposed Denison Avenue extension alignment and would require relocation.	Coordination w. HOB during detailed design regarding relocation prior to start of construction.
Rogers		Proposed Denison Avenue extension intersection with Park Street would cross existing underground conduit (north-south) on the east side of Park Street and require relocation of existing Rogers pedestal.	Coordination with Rogers during detailed design regarding relocation of existing pedestal. Identification of existing underground conduit depth with locates to ensure no conflicts with other proposed underground infrastructure.

3.1 Property and Easement Requirements

No property and/or easement requirements to accommodate utility relocations or new plant were identified during the study.

3.2 Relocation Timings

As indicated above, installation of the new watermain and relocation of the existing hydro pole would be subject to construction timing and done just before, or during construction of the Denison Avenue extension. The Enbridge gas main extension may precede the Denison Avenue extension depending on timing of the 45 Railroad Street development.

3.3 Street Lighting

A Preliminary Street Lighting Design report, providing proposed locations for street light standards along the new Denison Avenue extension, was prepared for this study and reviewed by City Traffic Engineering Services.



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TECHNICAL MEMORANDUM

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All utility impacts as identified should be reviewed during detailed design engineering and are subject to further consultation with utility agencies.

Prepared by:

Marko Paenovic

Signature/Seal

[MP]

**UTILITY TRACKING FORM
Denison Avenue Extension Class EA Study
Project No. 2018-048**

UTILITY AGENCY	CONTACT PERSON(S)	SPECIFIC COMMUNICATIONS & COMPLETION DATES	STATUS/RESPONSES
Enbridge Gas	Jim Arnott Municipal Coordination Advisor 4 th Floor PO Box 650 Scarborough, ON M1K 5E3 Jim.arnott@enbridge.com 416-758-7901	<ul style="list-style-type: none"> • Technical Advisory Committee Initiation Letter/Response Form w. Notice of Study Commencement (January 24, 2019) • Circulation of Preliminary Design of Preferred Alternative (November 15, 2019) to City of Brampton PUC members 	<ul style="list-style-type: none"> • No Response received to TAC letter. • Response on November 20, 2019 from Enbridge. Enbridge will be extending the existing gas main along east side of Park Street, north to service the proposed development at 45 Railroad Street. This work may precede the Denison Avenue construction. This will need to be considered during detailed design of the Denison Avenue extension.
Hydro One Brampton	Robert Evangelista 175 Sandalwood Parkway West Brampton, ON L7A 1E8 revangelista@hydroonebrampton.com 905-840-6300 ext 5508 Robert Agostini Expansion and Development Supervisor 175 Sandalwood Parkway West Brampton, ON L7A 1E8 ragositini@hydroonebrampton.com 905-840-5508	<ul style="list-style-type: none"> • Technical Advisory Committee Initiation Letter/Response Form w. Notice of Study Commencement (January 24, 2019) • Circulation of Preliminary Design of Preferred Alternative (November 15, 2019) to City of Brampton PUC members 	<ul style="list-style-type: none"> • No response received to either notice.
Hydro One Networks, Inc.	Farooq Qureshy Manager, Transmission Planning 483 Bay Street, 15 th Floor North Tower Toronto, ON M5G 2P5 Farooq.Qureshy@hydroone.com	<ul style="list-style-type: none"> • Technical Advisory Committee Initiation Letter/Response Form w. Notice of Study Commencement (January 24, 2019) • 	<ul style="list-style-type: none"> • No response received.
Hydro One Telecom	Anees Syed Operation Services – GIS Hydro One Telecom Inc. 65 Kelfield Street Toronto, ON M9W 5A3 Anees.syed@hydroone.com 416-240-3758	<ul style="list-style-type: none"> • Circulation of Preliminary Design of Preferred Alternative (November 15, 2019) to City of Brampton PUC members 	<ul style="list-style-type: none"> • Response on November 15, 2019 that Hydro One Telecom does not have any existing or planned infrastructure in the area.
Bell Canada	Sead Delic Implementation Manager Sead.delic@bell.ca 905-614-9327 Brian Elbe Brian.elbe@bell.ca	<ul style="list-style-type: none"> • Technical Advisory Committee Initiation Letter/Response Form w. Notice of Study Commencement (January 24, 2019) • Circulation of Preliminary Design of Preferred Alternative (November 15, 2019) to City of Brampton PUC members 	<ul style="list-style-type: none"> • Responded (email, January 31, 2019), Sead no longer contact for Brampton, forwarded onto Suhkdeep Singh, Brian Elbe indicated no existing plant in the area • Response on December 6, 2019 from Hemendran Parthiban (Telecom, on behalf of Bell Canada) that Bell does not have any existing or planned infrastructure in the area.
Rogers	Jim Washburn System Planner Jim.washburn@rci.rogers.com 905-897-6461	<ul style="list-style-type: none"> • Technical Advisory Committee Initiation Letter/Response Form w. Notice of Study Commencement (January 24, 2019) • Circulation of Preliminary Design of Preferred Alternative (November 15, 2019) to City of Brampton PUC members 	<ul style="list-style-type: none"> • Initial TAC correspondence forwarded onto Bien Bengco by Jim Washburn (Rogers, January 31, 2019). No further response received. • Response on December 6, 2019 from Roja Nejadtaghi (Telecom, on behalf of Rogers) that Rogers has existing aerial and fibre optic cable in the area. Provided plan mark-ups showing that the proposed Denison Avenue Extension would cross existing underground conduit and require relocation of an existing pedestal at the north-east quadrant of the intersection with Park Street.
PSN (City of Brampton)	Marc Flores Network Administrator Marc.flores@brampton.ca	<ul style="list-style-type: none"> • Technical Advisory Committee Initiation Letter/Response Form w. Notice of Study Commencement (January 24, 2019) 	<ul style="list-style-type: none"> • Responded (email, Marc Flores, January 31, 2019) and provided mapping of buried PSN infrastructure in the area, no conflicts and no future plans to build in the area • No further follow-up required.

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UTILITY AGENCY	CONTACT PERSON(S)	SPECIFIC COMMUNICATIONS & COMPLETION DATES	STATUS/RESPONSES
PSN (Region of Peel)	<p>Neha Canjar PSN Advisor Neha.canjar@peelregion.ca</p>	<ul style="list-style-type: none"> • Technical Advisory Committee Initiation Letter/Response Form w. Notice of Study Commencement (January 24, 2019) 	<ul style="list-style-type: none"> • No response received.
Alectra Inc.	<p>Chris Kafel Manager of Customer Capital Design 2185 Derry Road West Mississauga, ON L5N 7A6 Chris.Kafel@alecrautilities.com</p>	<ul style="list-style-type: none"> • Technical Advisory Committee Initiation Letter/Response Form w. Notice of Study Commencement (March 4, 2019) • Circulation of Preliminary Design of Preferred Alternative (November 15, 2019) to City of Brampton PUC members 	<ul style="list-style-type: none"> • No response received to either notice.
Region of Peel (Water & Wastewater)	<p>Susan De Jesus PUC Coordinator (Brampton and Caledon) Engineering Technical Services Region of Peel 10 Peel Centre Drive, Suite B, 4th Floor Brampton ON L6T 4B9 905 791-7800 ext. 7898 E-Mail Susan.DeJesus@peelregion.ca General PUC Mailbox PUC.Applications@peelregion.ca</p> <p>Maad Abid Al Hadi, P.Eng. Technical Analyst, Capital Works Wastewater Collection and Conveyance, Wastewater Division Region of Peel 10 Peel Centre Drive, Suite B Brampton, ON L6T 4B9 905-791-7800 ext. 7822 Maad.abidalhadi@peelregion.ca</p> <p>Mike Faye, P.Eng. Project Manager, Water & Wastewater Program Planning Public Works 905-791-7800 ext. 7196 Michael.faye@peelregion.ca</p>	<ul style="list-style-type: none"> • Circulation of Preliminary Design of Preferred Alternative (November 15, 2019) to City of Brampton PUC members 	<ul style="list-style-type: none"> • Initial contact August 26, 2019 from Mike Faye that Region of Peel would like to consider a new watermain connection along the new roadway to facilitate abandoning an existing watermain crossing from Railroad Street through the Metrolinx parking area to the watermain on Park Street. • Response on November 28, 2019 from that Region of Peel has no sanitary sewer requirements along corridor • Response on November 27, 2019 that Region of Peel would like to place 300mm dia. Watermain along alignment to connect Park Street to Mill Street. Alignment is at the City's discretion and subject to conflicts with any other proposed infrastructure. To be determined further during detailed design.