

August 20, 2024

Downsview Transmission Main & Keele Pumping Station Upgrade on Various Streets from Keele Pumping Station to Sheppard Avenue West

Contract: 21ECS-LU-04TT

Start Date: November 2022

End Date: Summer 2025

**Timeline is subject to change.*

The City of Toronto has constructed a new transmission watermain from Steeles Avenue to Sheppard Avenue West on Keele Street, Tangiers Road, Toro Road, Ceramic Road, St Regis Crescent North, and Bakersfield Street. Transmission watermains carry large volumes of water from water treatment plants to pumping stations, reservoirs, and tanks and to the local distribution watermains.

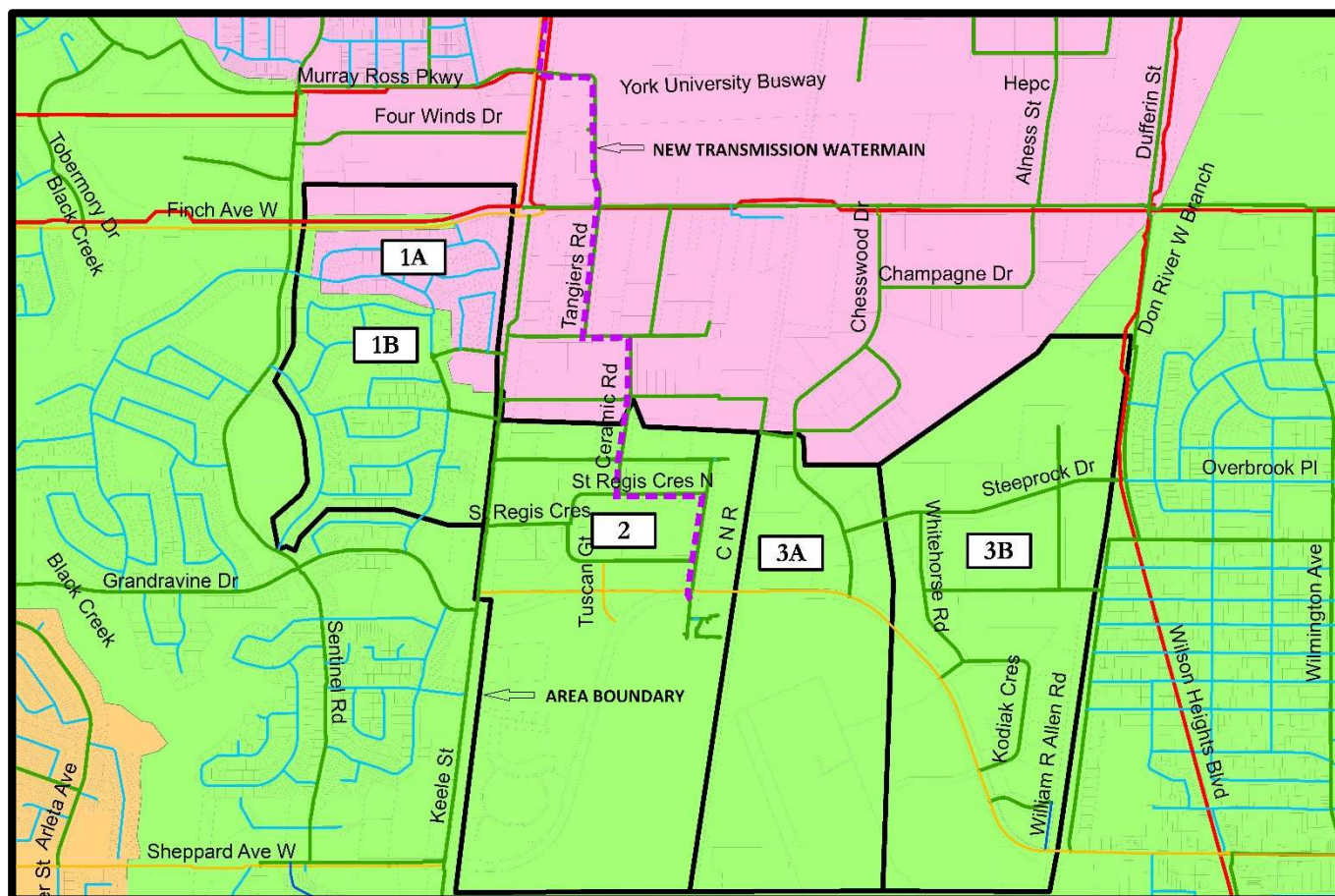
This construction project began in November 2022, and the entire project is scheduled to be completed by late summer of 2025. The transmission watermain has been installed and is ready to be commissioned, meaning they will be connected into the existing active local distribution watermains that deliver water to your home. **Transmission watermain commissioning work is scheduled to occur between September and October 2024.**

As a result of the commissioning work, you may experience changes to your water pressure. We anticipate an increase in water pressure in Areas 1B, 2, 3A and 3B, and slightly lower water pressure in Area 1A. These areas are shown on the map of the work area below. Changes in water pressure are expected to be within the City's allowable range of water pressure (minimum of 275 kiloPascals (kPa) to a maximum of 793 kPa).

An updated schedule for construction and commissioning activities is provided in the Transmission Watermain Commissioning Details section. If during the commissioning work you experience significant water pressure issues or any issues with your property's water pipes please contact 311.

This project is part of the Council-approved Capital Works Program to improve water pressure to meet current demands and support future development in the Downsview area.

MAP OF WORK AREA




TRANSMISSION WATERMAIN COMMISSIONING DETAILS



- Watermain commissioning is a critical process that ensures a new watermain functions correctly and safely. Certain steps need to be taken to prepare the transmission watermain to be integrated with the larger watermain network in the area. The commissioning process includes:
 - Flushing and Cleaning:** New watermains can contain debris, dust, and other contaminants. Flushing the watermain removes these impurities to ensure clean water supply before the watermain is put into use.
 - Disinfection:** Disinfection is a critical step to eliminate any bacteria or microorganisms that may have entered the watermain during construction. This ensures the water delivered to customers is safe for consumption.
 - Pressure Testing:** Pressure testing is performed to confirm consistent and adequate water pressure.
 - System Integration:** Integrating the new transmission watermain with the existing distribution system requires careful coordination to maintain overall system performance and reliability. The transmission watermain will be connected to the local watermains in the distribution network and monitored to ensure a seamless integration with the larger network.
- As commissioning activities take place, the system will be monitored to address any issues that may arise during the commissioning process.

The remaining work is detailed below:

Project Phase	Streets	Progress Update / Lane Restrictions
Phase 1 Connecting New Transmission Watermain to the Existing Watermain Network	Tangiers Road	A small section of watermain construction required. Full closure of Tangiers Road at Keele Street is required from September to October 2024.
	Ceramic Road	Majority of work completed to date, though a small section of watermain remaining to be completed. Full closure will be required on Ceramic Road just south of Toro Road. This closure is expected from September to October 2024.
	Bakersfield Street	Majority of the excavation work completed, though there is a small section remaining to be completed. Full closure will be required on Bakersfield Street at Sheppard Ave West. This closure is expected from August to October 2024.
Phase 2 Pumping Station Upgrade	Keele Pumping Station	Initial pumping station-related work is ongoing and will continue in 2024 and 2025.
Phase 3 Flushing and Disinfection	Bakersfield Street, Ceramic Road, Tangiers Road	Bakersfield Street: flush and disinfect watermain September 2024 Ceramic Road & Tangiers Road: flush and disinfect watermain September 2024 & October 2024
Phase 4 Pressure District Realignment	Areas 1-3 (see map of work area)	New watermain will be active. You may notice water pressure changes between mid-September to early November 2024.
Phase 5 Restoration	Various Streets	Restore sod and asphalt in 2024 and spring 2025
**Timelines stated above are subject to change		

WHAT TO EXPECT DURING COMMISSIONING

	Accessible Accommodation: The City's contractor must ensure safe and accessible walkways and entryways are maintained for everyone during this work. Any temporary access disruptions will be communicated as soon as possible. If you experience a disruption, have a specific access need or related accommodation request, contact the Field Ambassador listed below.
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	<p>Pressure Changes: During commissioning, you may notice changes in water pressure. These fluctuations are normal and part of the process to ensure the new system operates correctly.</p> <p>While we aim to minimize disruptions, some activities that rely on steady water pressure, such as showering or using appliances, may be affected. We recommend planning accordingly and contacting us if you experience significant issues.</p> <p>If you experience no water or extreme low water pressure please contact 311.</p>
	<p>Customers in industrial, commercial, institutional and multi-residential buildings: You may experience fluctuations in water pressure during the commissioning that could impact your property’s systems or operations. It is recommended you plan ahead to mitigate and minimize any potential impacts.</p> <p>Please contact your property manager, in addition to the Field Ambassador (contact information at the bottom of this notice) or 311 for project updates and more information on the transmission watermain commissioning activities.</p>

NEED MORE INFORMATION?

If you have questions about the upcoming work, please contact us.

Field Ambassador	Salina Chan, 905-943-0500, salina.chan@parsons.com
TTY Hearing Impaired Service	416-338-0889 (Daily 8 a.m. to 5 p.m., closed holidays)
General inquiries	311
Website	www.toronto.ca/yorkcentre www.toronto.ca/humberriverblackcreek

Thank you for your patience. Building a great city takes time. Better infrastructure for all of us is worth the wait.