



Etobicoke Creek Trunk Sewer 23-2261

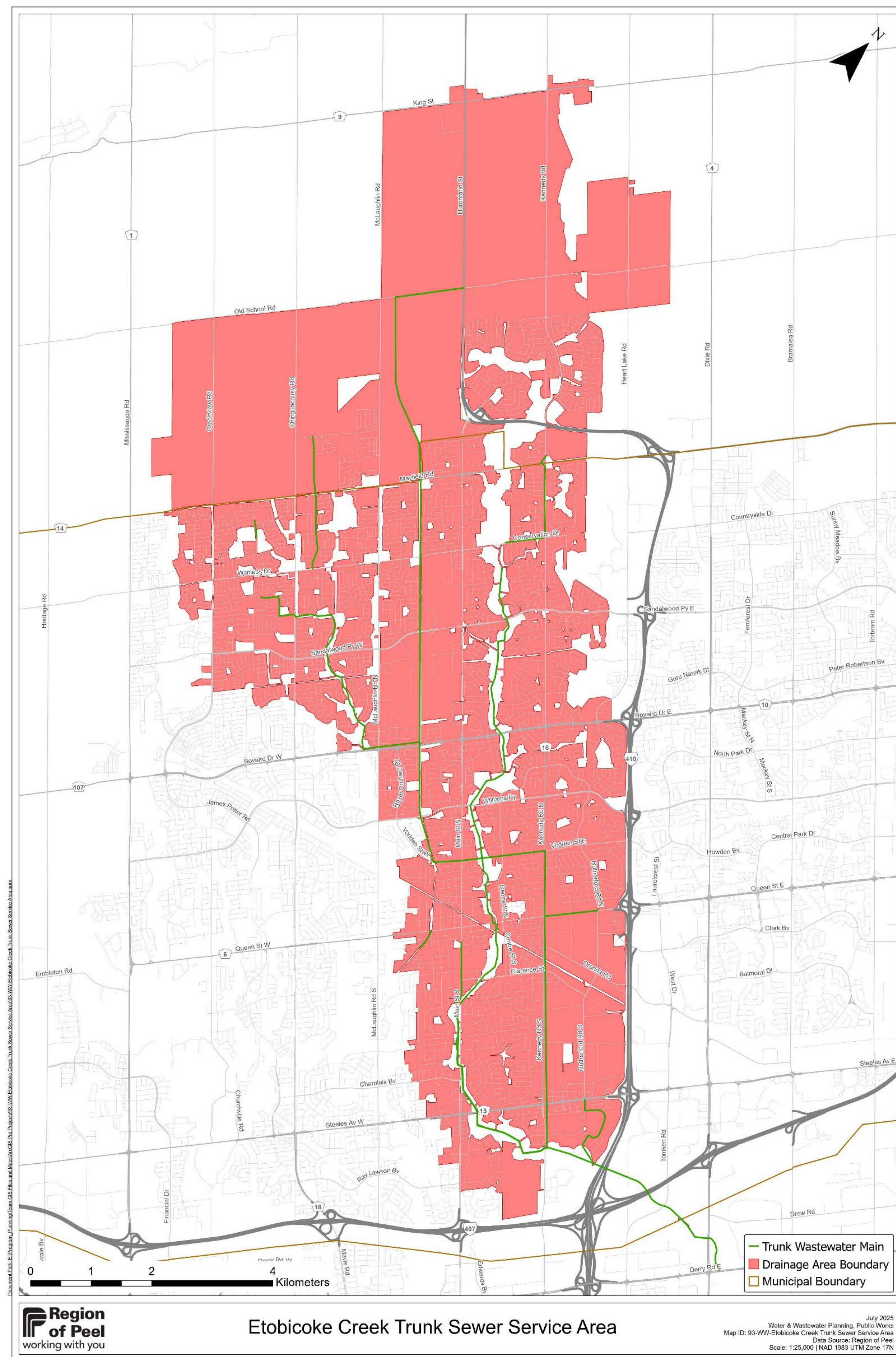
PIC #3

Tuesday, September 23, 2025

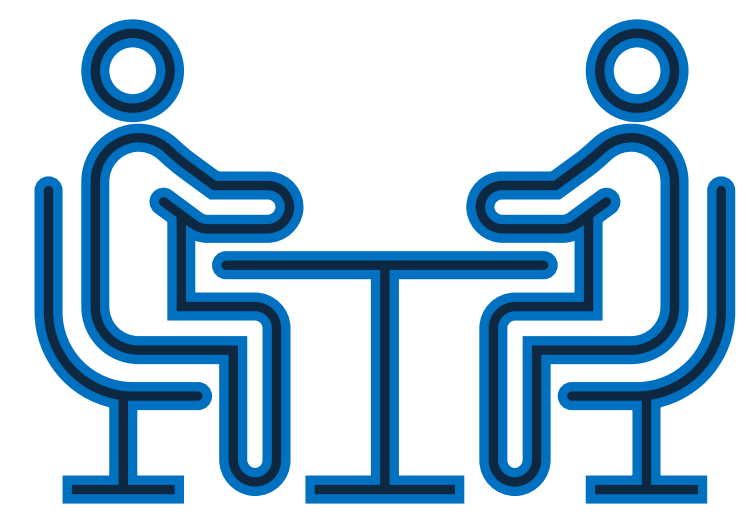
4 p.m. – 7 p.m.

The Garden Convention Centre

? What is the Etobicoke Creek Trunk Sewer (ECTS)?



- A sanitary trunk sewer is a large diameter sewer that carries wastewater (water from toilets, sinks, industries, etc.) from smaller sewers down to the wastewater treatment plants on Lake Ontario.
- ? **Do you know?** Storm water (water from the drains in the road) is not carried in sanitary sewers. As storm water is not treated before it enters the lake, it is important to never put chemicals down the drains in the road.
- The ECTS will collect wastewater from smaller sewers in areas located between King Street in Caledon and Highway 407 in Brampton, as shown on this map.
- ? **Do you know?** At peak times, the flow down the ECTS will fill an Olympic-sized swimming pool every 8.5 minutes!
- The new sewer is needed to support population growth in the area and to enhance operational flexibility.
- The ECTS will be 2.1 metres in diameter and will extend 3.7 km from Kennedy Road south of Steeles Avenue to Derry Road east of Dixie Road, where it will connect to the East – West Trunk Sewer. From there, the wastewater will travel to either GE Booth or Clarkson Water Resource Recovery Facilities for treatment.

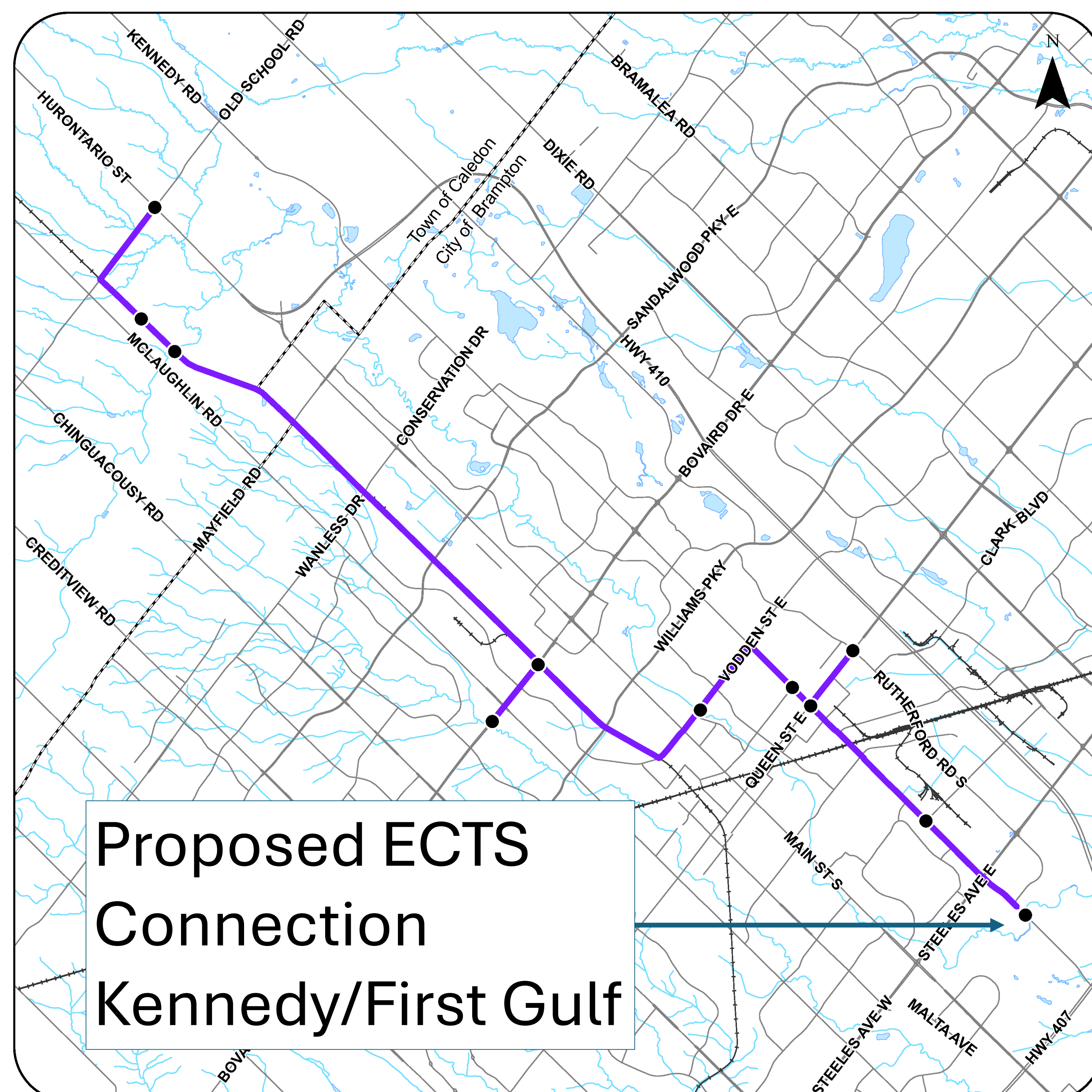


Coordinating with other projects



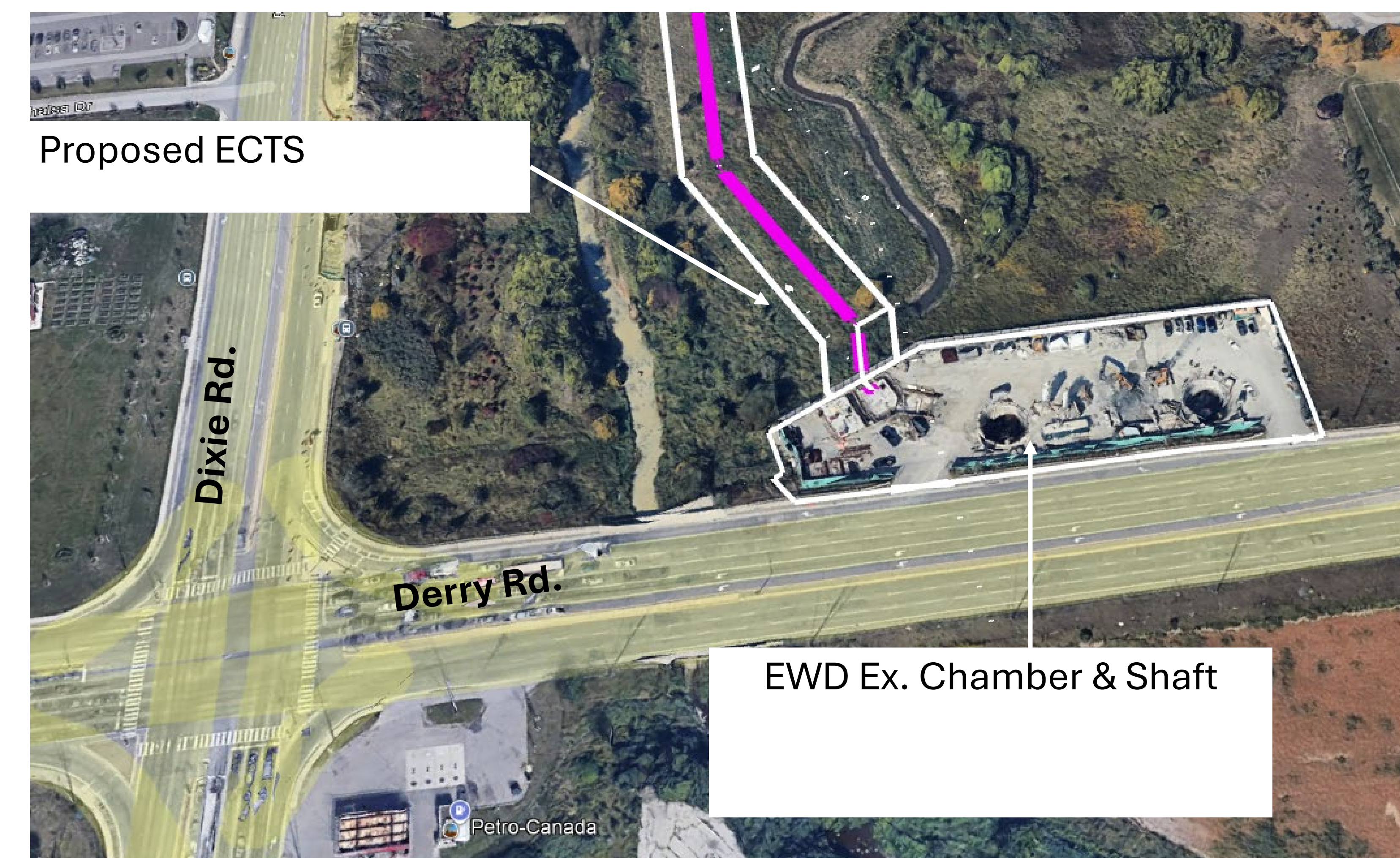
Kennedy Sanitary Trunk Sewer (STS)

- This is a proposed 2.1 metre sewer planned to connect with ECTS at Shaft 1 (Kennedy Road) to support planned development in Brampton and Caledon.
- The project is currently in the Environmental Assessment stage, with construction planned to start in 2027.



East-West Diversion (EWD) Sanitary Trunk Sewer

- This is currently under construction along Derry Road.
- The open-cut section of ECTS will connect to the EWD near Dixie and Derry.
- Work on EWD should be complete in 2025/2026, before ECTS starts construction.





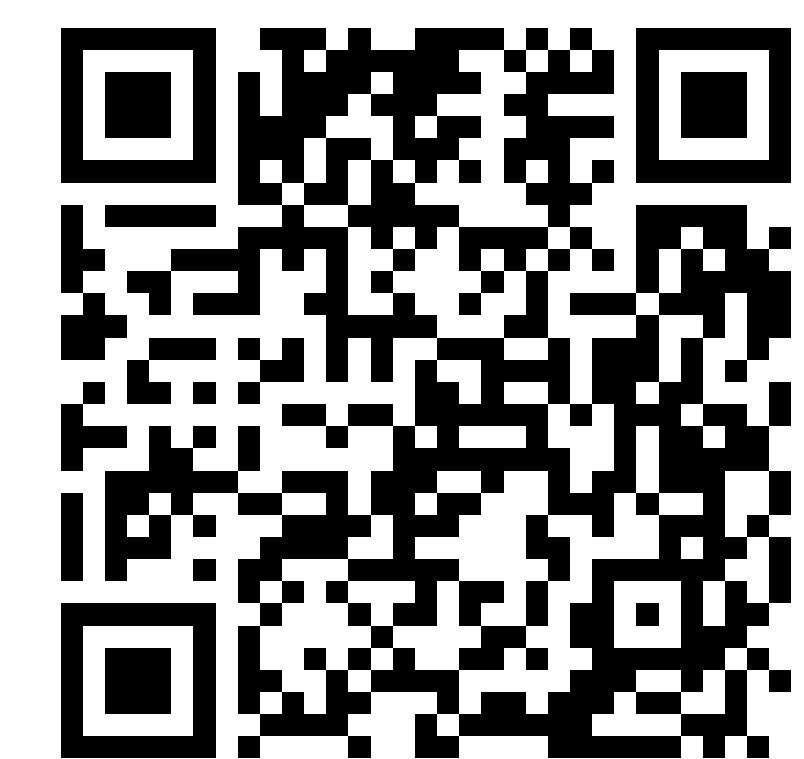
Have your say!

We'd like your input on:

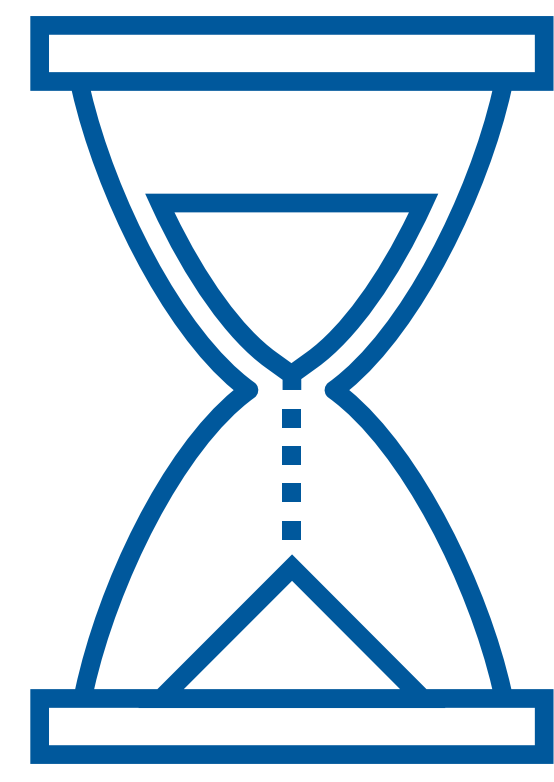
- **Traffic impacts on Kennedy Road**
- **Mitigating impacts to trail users**
- **Construction hoarding and information boards**
- **Public engagement**

To let us know your thoughts on these or other subjects important to you, speak with one of our staff, complete a “Have your say!” sheet, or grab a Post-it pad and stick your comments right on the board. (You'll find sheets, pens, and Post-its on the table by the entrance and on each round table.)

Until October 10, you'll be able to leave comments via a link on the webpage:
peelregion.ca/construction/project-23-2261



If you'd like to talk with us further, be sure to leave your contact information.



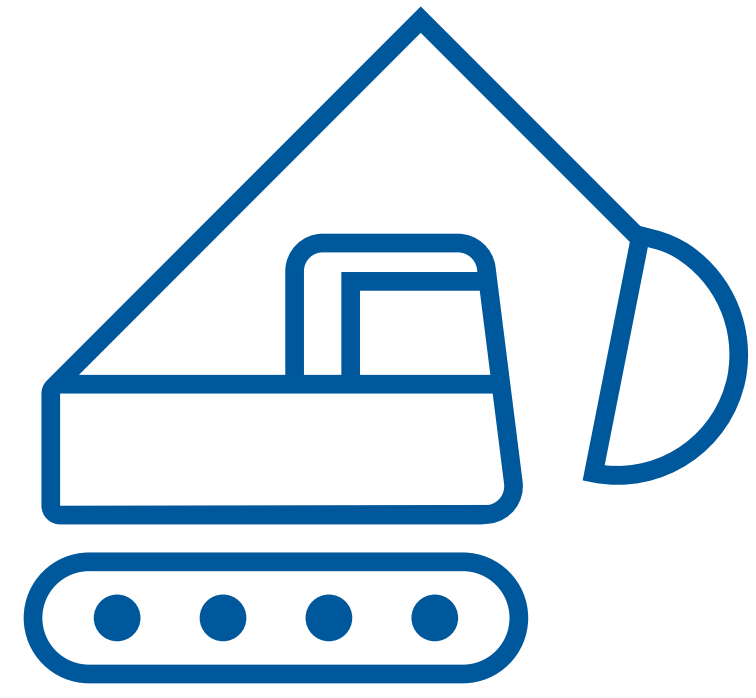
Where are we now?





What is

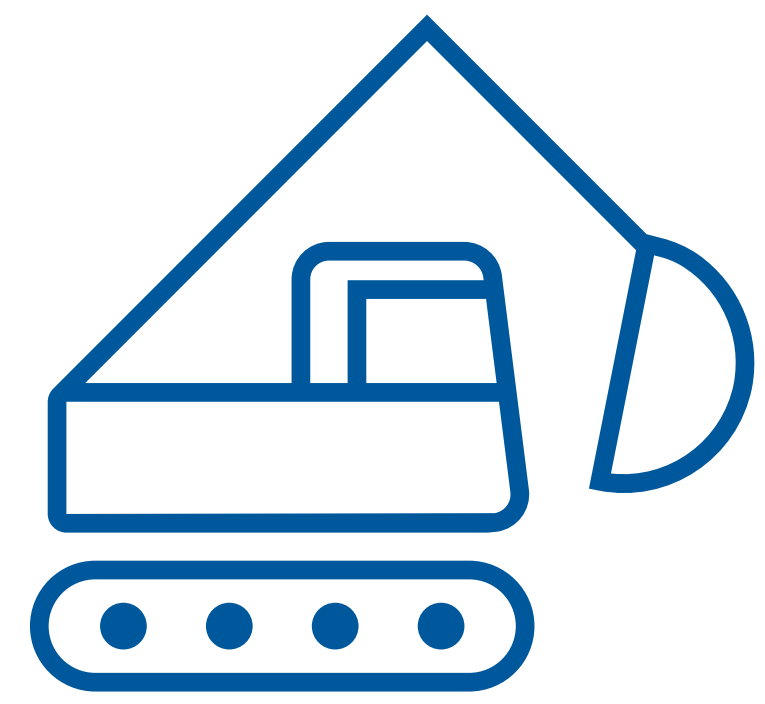
- **Alignment:** The position of the sewer, viewed from above and in cross-section.
- **Compound:** The fenced-in area where construction activities take place.
- **Drive:** A tunnel dug between two shafts.
- **Hoarding:** High walls surrounding a compound.
- **Launch shaft:** A deep hole providing access to an underground tunnel where work is taking place. The tunnelling machine and other equipment are placed in the ground (launched) at this shaft.
- **Microtunnelling:** A technique for installing water and wastewater pipes. This work is completed underground in tunnels and does not require digging trenches. Aboveground construction is mainly limited to where the tunnelling machine will enter and exit the ground.
- **Open cut:** Work that requires digging a trench.
- **Receiving shaft:** A deep hole providing access to an underground tunnel where work is taking place. The tunnelling machine and other equipment are removed from the tunnel at this shaft.
- **Staging area:** An area where materials and equipment are stored during construction.
- **Trenchless:** Work completed underground in tunnels and will not require digging trenches.
- **Trunk sewer:** A large sewer that carries wastewater from smaller sewers to the wastewater treatment facility.
- **Wastewater:** Wastewater is created when water goes down the drain or is flushed down the toilet.



Microtunnelling



- ? **Do you know?** The difference between tunnelling and microtunnelling:
- **Tunnelling:** The Tunnel Boring Machine (TBM) is driven like a train through the tunnel.
 - **Microtunnelling:** The Microtunnel Boring Machine (MTBM) is controlled remotely from the surface, like a giant video game.
- We are microtunnelling rather than tunnelling because of the relatively smaller size of the proposed sewer (2.1m).
 - Microtunnelling is more cost-efficient, uses smaller equipment, is more flexible, and installs the pipe as it goes. (With tunnelling, the pipe is installed after the TBM is removed.)
 - The MTBM starts its drive at a launch shaft and tunnels to a receiving shaft.
 - A crane removes the MTBM from the receiving shaft, and it is taken by truck to the next launch shaft to start the next drive.



Open-cutting



- We are open-cutting the section between Shaft 6 in King's Park and the East-West Diversion Sanitary Sewer because the trench is too shallow and the drives are too short to microtunnel.

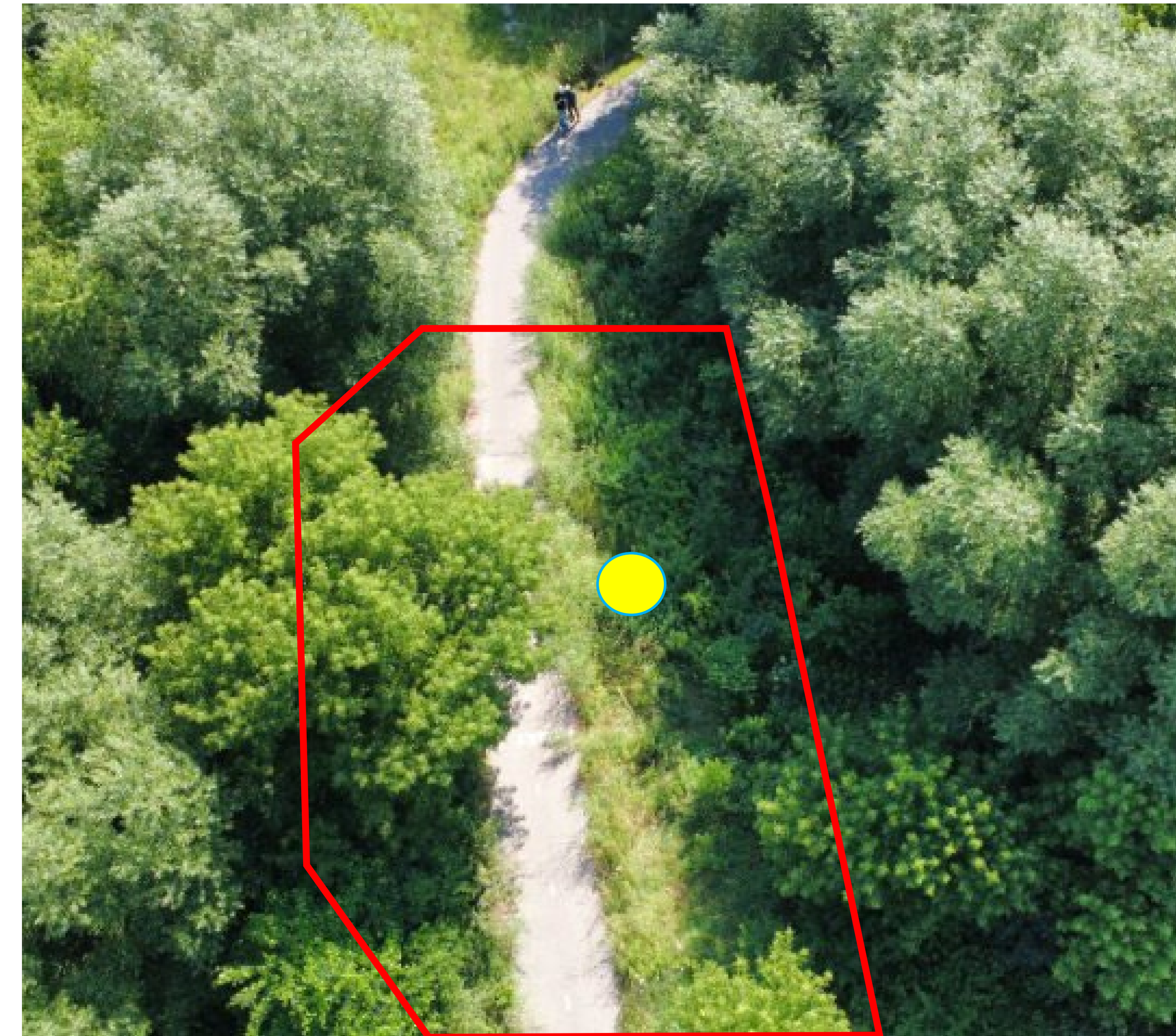
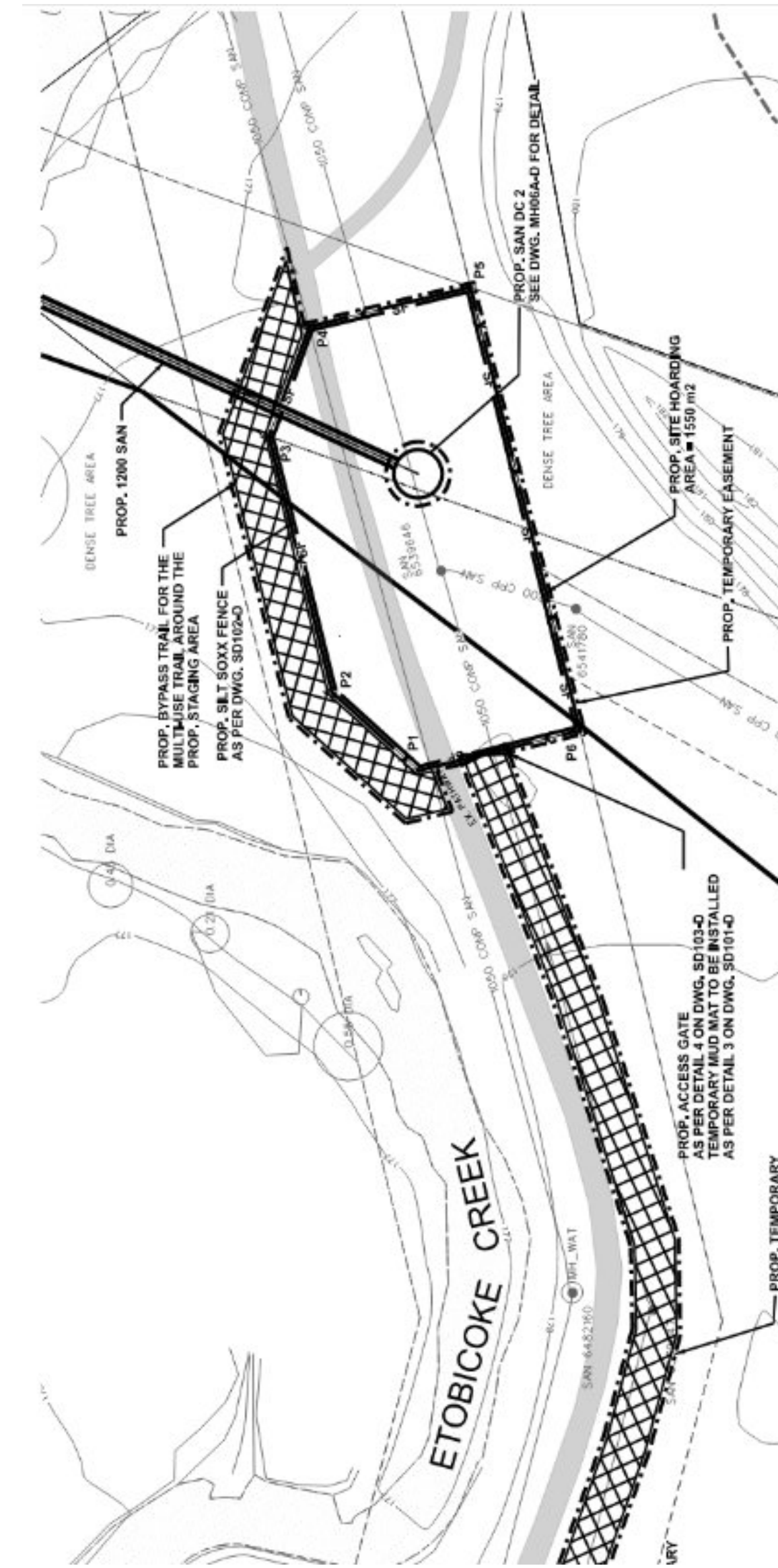
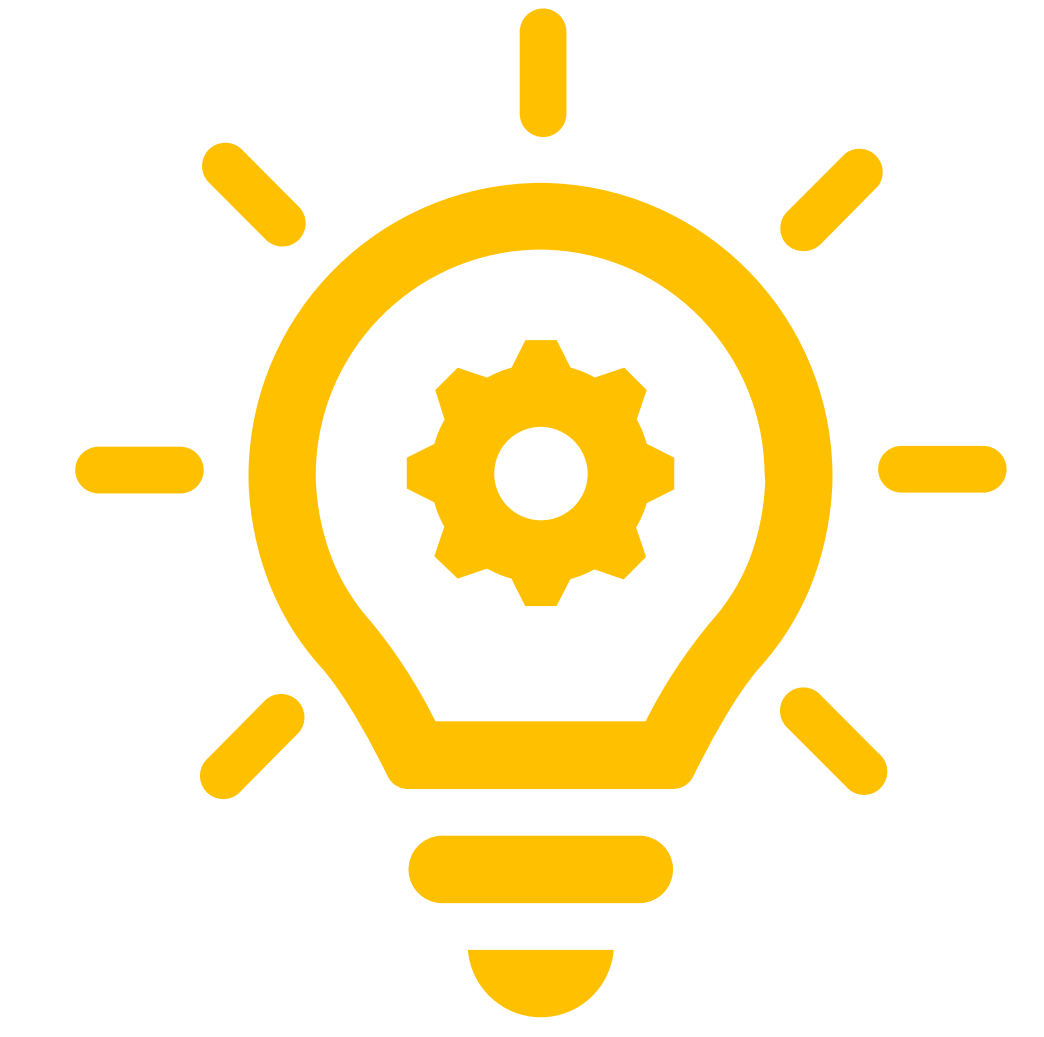
? **Do you know?** How to open-cut across a creek:

- We will dam the creek and temporarily divert it around the trench excavation and pipe installation.
- We will make sure no additional sediment is added to the flowing stream and will preserve aquatic habitat.
- We will work when stream flows are at seasonal lows.
- The stream bed and riverbank are restored, the diversion is removed and water is returned to the channel.
- We are completing geomorphology studies to ensure permanent bank erosion stability.

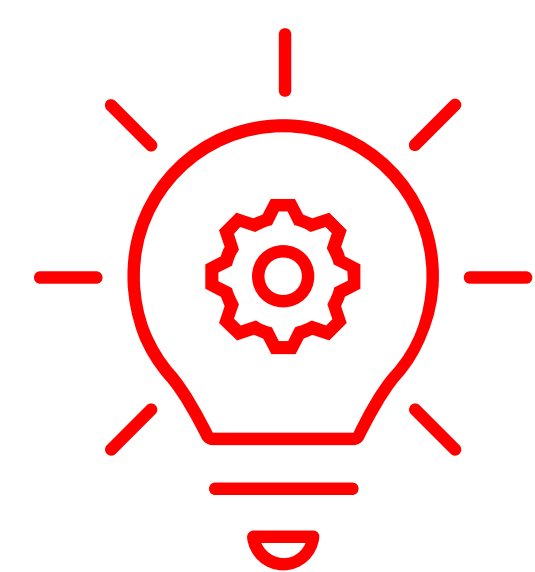




Multi-use trail



- The Etobicoke Creek Trail will remain open during construction.
- We anticipate minimal impact to the trail and its users during construction.
- However, at the West-East Connection compound (between compounds 4 and 5), we will create a temporary path around the compound.
- Traffic control persons will be placed at each end of the trail to ensure the path is clear of trail users while trucks enter or leave the construction site.
- We will schedule construction during the winter when fewer people use the trail.

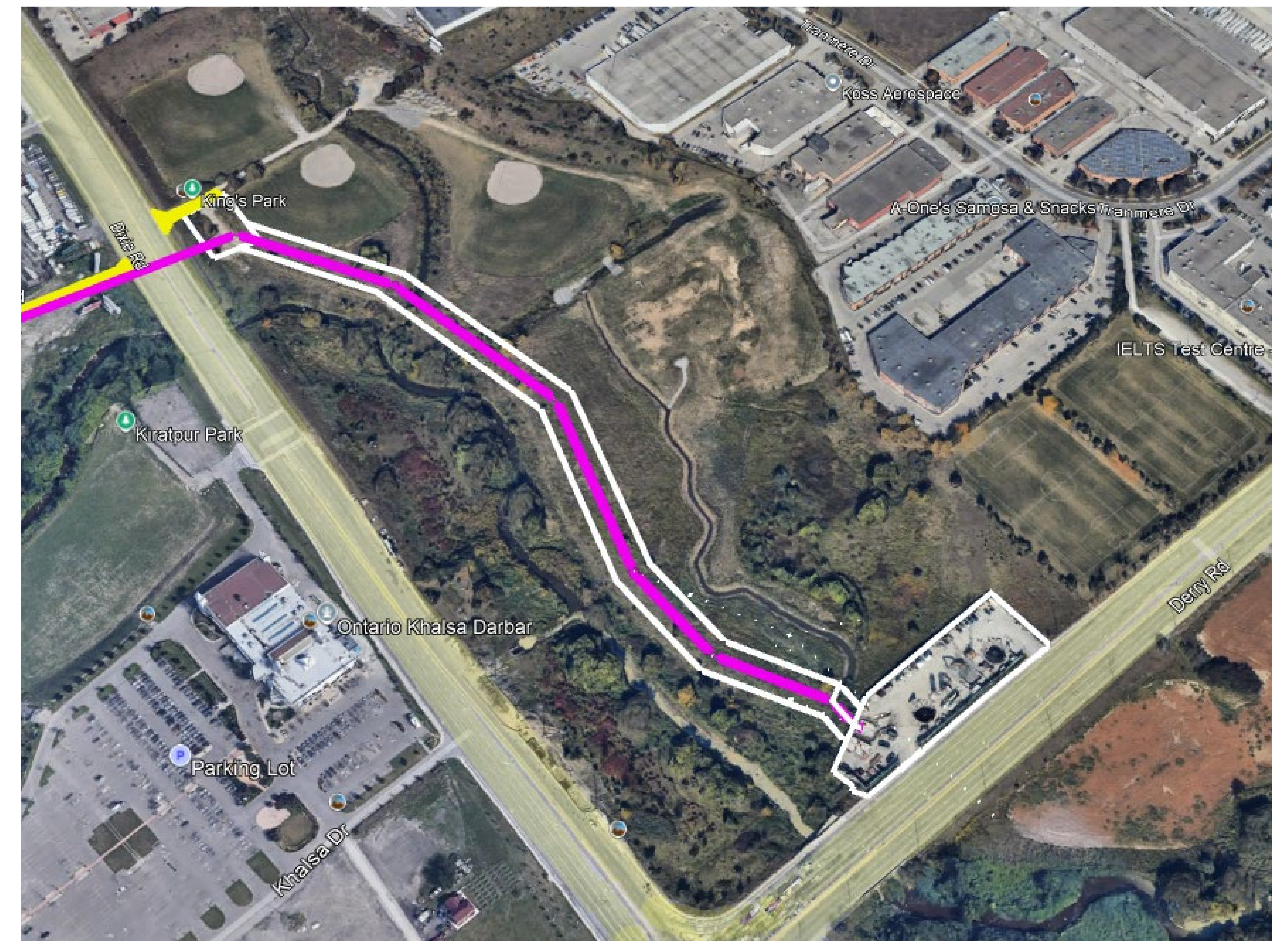
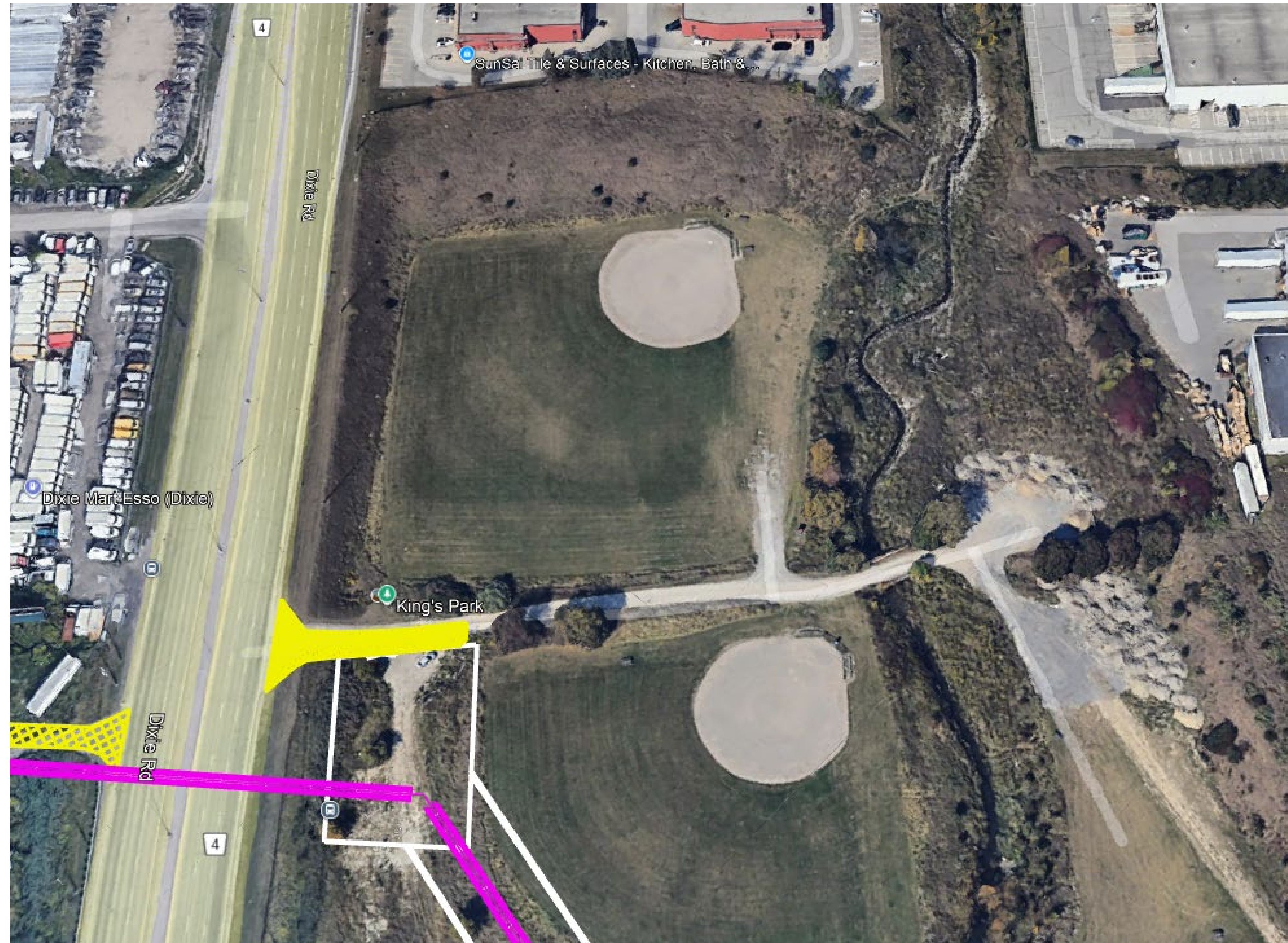


Have your say!

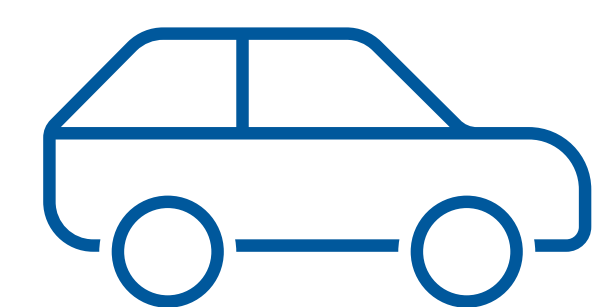
- What will help you to feel safe and welcome on the Etobicoke Creek Trail?



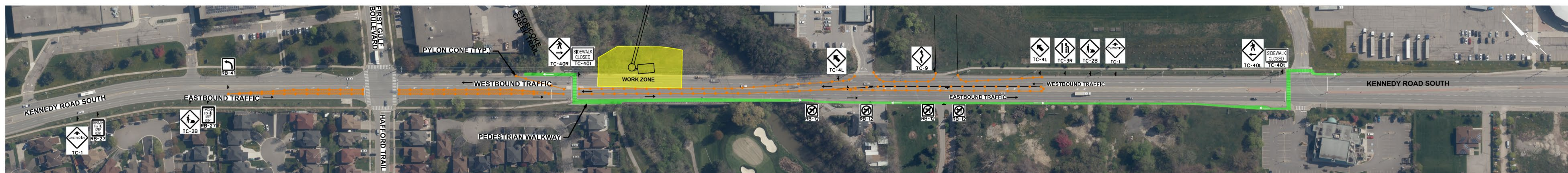
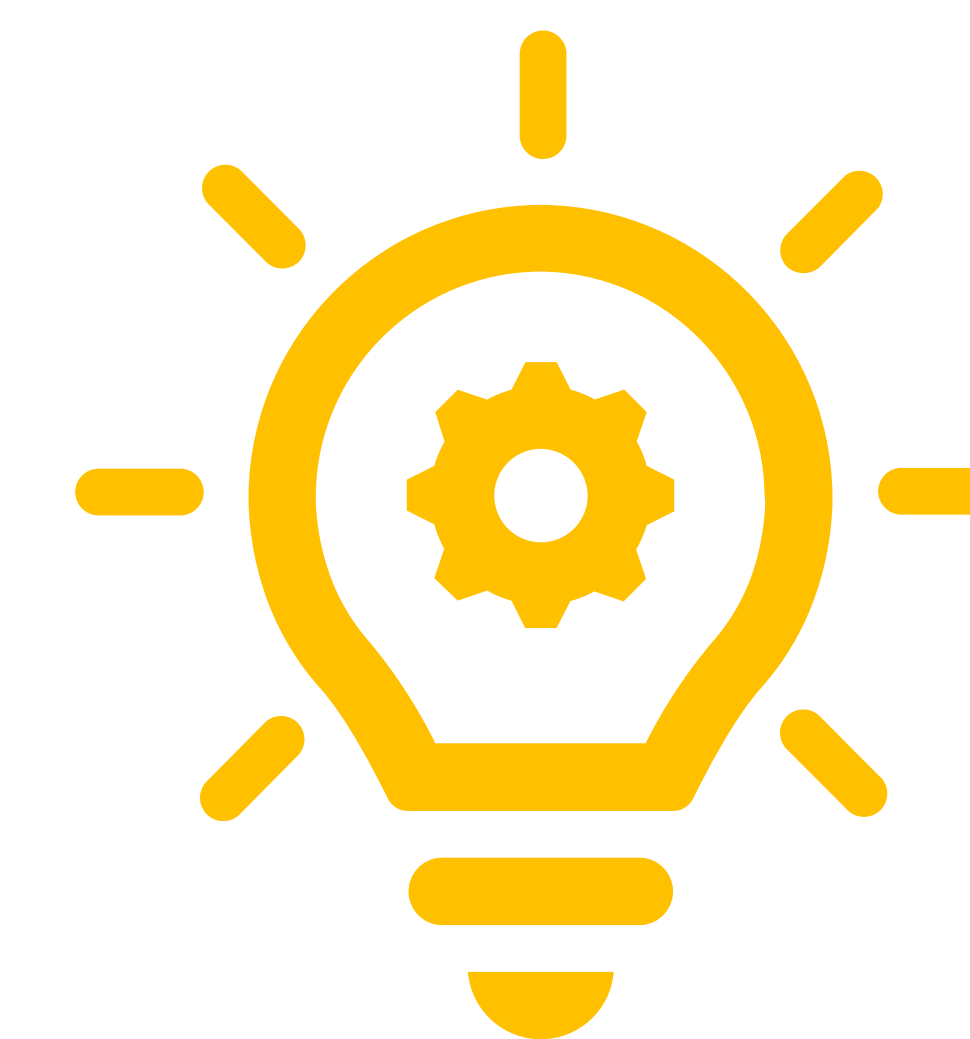
King's Park



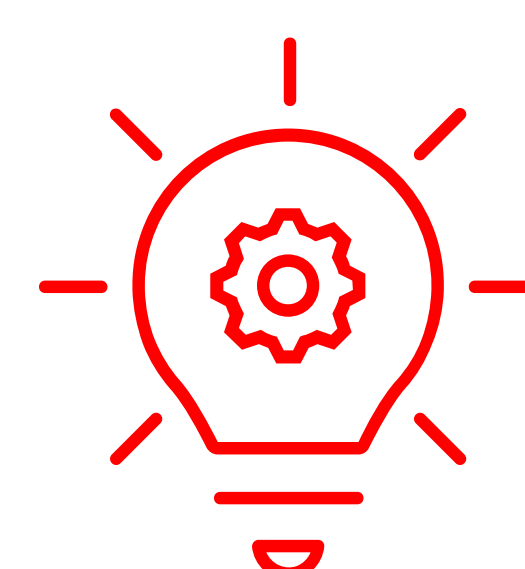
- King's Park will remain open during construction.
- We will work with the City of Mississauga to maintain access.
- Traffic persons will be on hand to guide pedestrians and park-users during truck access.



Kennedy Road

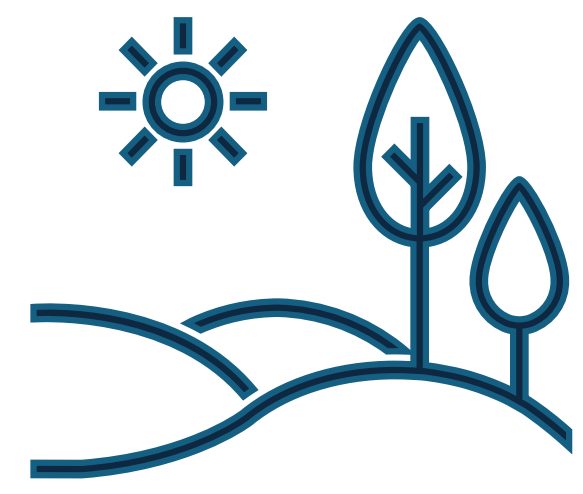


- Kennedy Road is a very important road for residents, industries and commuters.
- A construction compound will be located east of Kennedy Road, south of the Etobicoke Creek multi-use trail. As we expect a reception shaft to be located here, noise and dust will be minimized.
- The shaft will be positioned as close to Kennedy Road as possible to minimize impact to the Etobicoke Creek and reduce the number of trees we must remove.
- The multi-use trail will remain open.
- We propose closing two traffic lanes on Kennedy Road, reducing traffic to one lane in each direction. We expect the compound to be in place between 2027 and 2030.



Have your say!

- Do you know of any constraints we should take into consideration?
- What would you like us to know about this section of Kennedy Road?
- What would you like us to know about this entrance to the Etobicoke Creek multi-use trail?



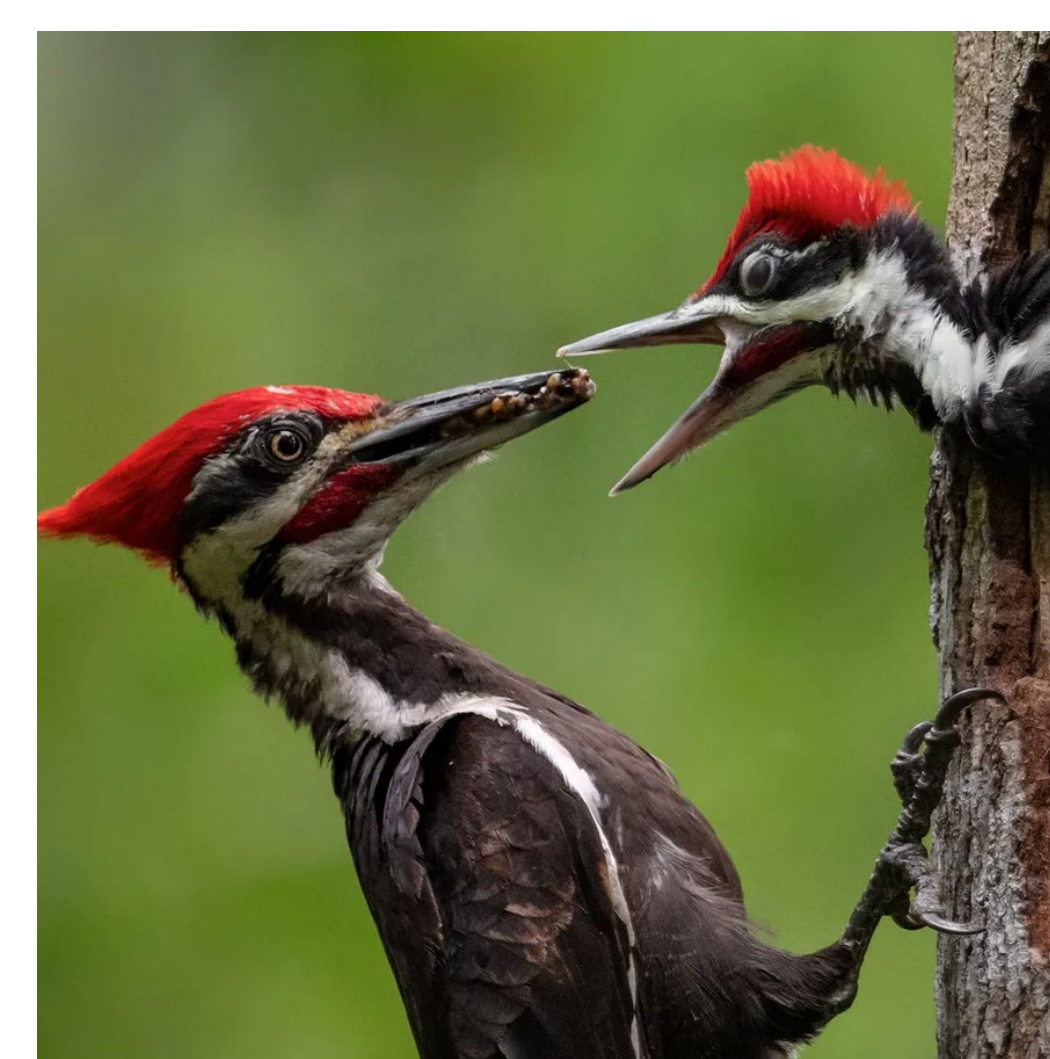
Protecting the environment

Our goal is to protect the environment and minimize impact to it. We will do our best to tread lightly on the earth.

Etobicoke Creek and its valley lands are designated as significant natural areas.

Trees

- We are conducting a Tree Preservation/Replacement Plan and Inventory.
- An arborist will conduct field surveys during the detailed design phase to confirm the presence of butternut and black ash (species at risk).
- As many trees as possible within the work area will be protected by hoarding (wooden walls) outside the drip line.
- Any necessary removal or pruning of trees will be done outside nesting season. If we must remove or prune a tree during nesting season, a qualified expert will survey the tree first.
- We have noted bat boxes and trees supporting bat habitat in large red oak trees southwest of Kennedy Road and in the willow lowland by Shaft 5.

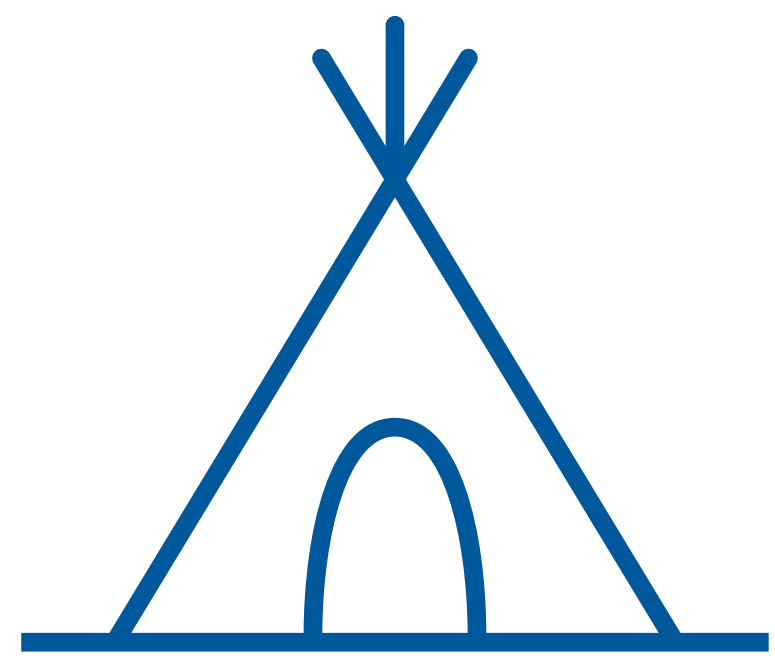


Water

- The Etobicoke Creek Trunk Sewer will run alongside a watercourse, wetland, and aquatic habitat.
- We have chosen an alignment (route) that reduces impacts to wetlands and deciduous forests.
- We will conduct aquatic field investigations during the detailed design phase to identify habitat features at open-cut water crossings.

Birds

- Breeding Bird Surveys were conducted in June 2024, targeting species at risk including eastern meadowlark, bobolink, bank swallow and eastern wood pewee.
- Where tree removals are proposed, pileated woodpecker cavity searches will be completed.



Indigenous cultural heritage

We would like to acknowledge 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, 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.

- ?** **Do you know?** “Etobicoke Creek” comes from the Anishinaabemowin word “Wah-do-be-kaug”, meaning “place where the alders grow”.
- The area has value for its associations with Indigenous peoples, who used it for fresh water and fishing when living in and travelling through the area.
 - Indigenous Nations Engagement was initiated as part of the Environmental Assessment process and will continue throughout design and construction.
 - Conversations have been started with the following Indigenous Nations, communities and groups:
 - Six Nations of the Grand River
 - Mississaugas of the Credit First Nation
 - Haudenosaunee Confederacy Chiefs Council
 - Wendat Nation



European cultural heritage

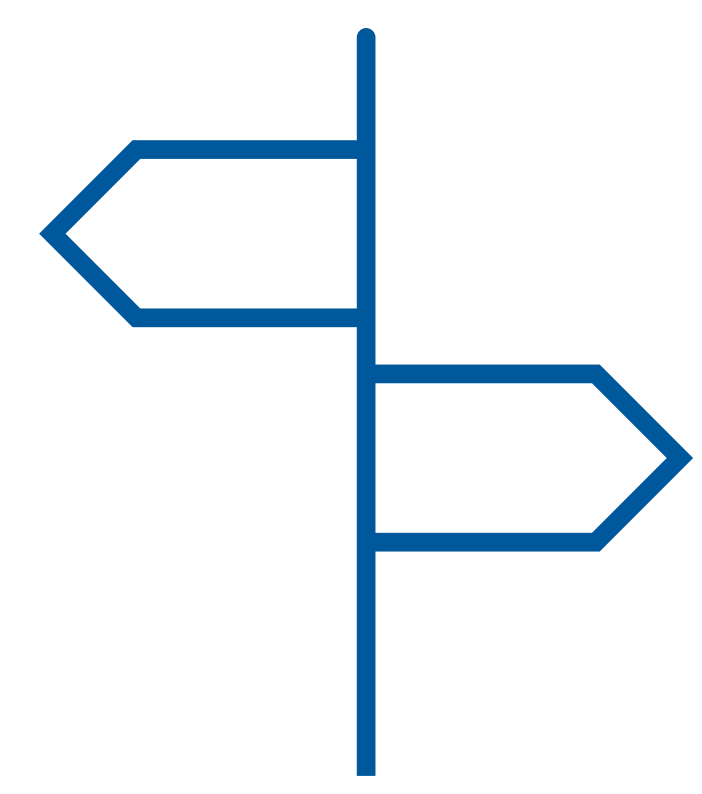
The Kennedy Valley was settled by the Graham and Rutledge families (two of Brampton's founding families). There are remnants of the historical Graham Family Cemetery and their nineteenth-century quarry near the Etobicoke Creek. Their house burned down in 2010.

? **Do you know?** The stone forming the wall of the old Brampton Jail in downtown Brampton came from the quarry on this site.

Mitigating damage to the site:

- Workers will be made aware of the heritage status before work.
- Staging and construction will be planned to ensure we do not damage any identified heritage attributes.
- No-go areas may be established with fencing.

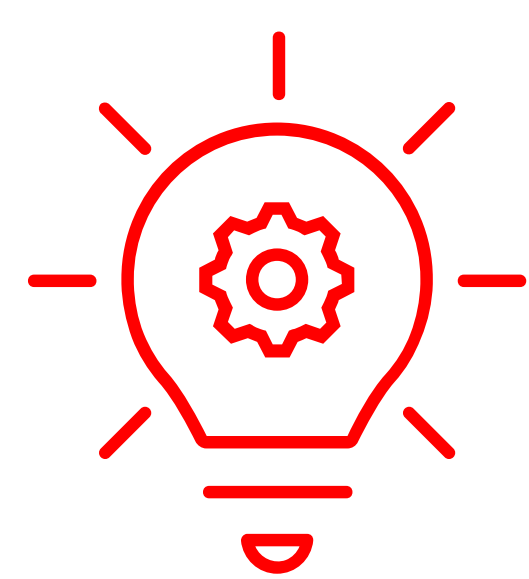




Hoarding and info boards

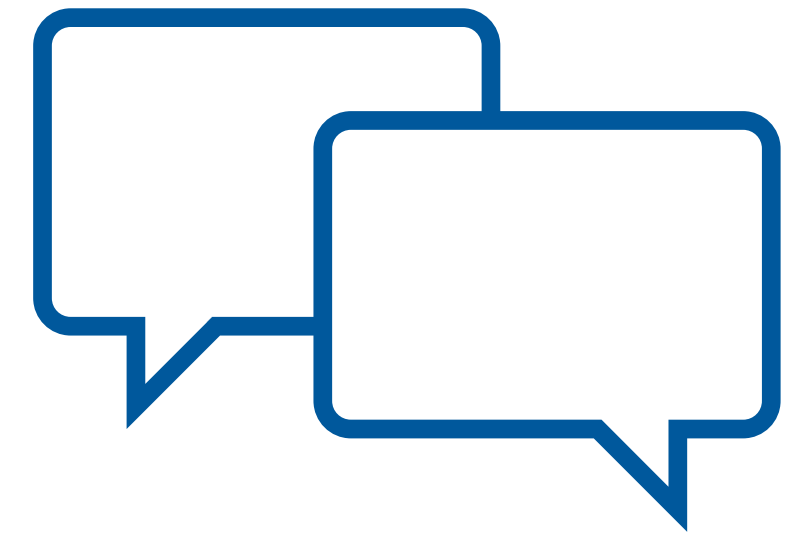


- All construction compounds will be surrounded by hoarding: solid wood fences at least 2.4 metres high, typically painted brilliant blue.
- We may be able to use more decorative panels, or to affix information boards on the hoarding to describe what is happening inside the compound or the surrounding natural area.
- The hoarding shown here was designed for the Burnhamthorpe Water Project in central Mississauga and is an example of what may be possible.

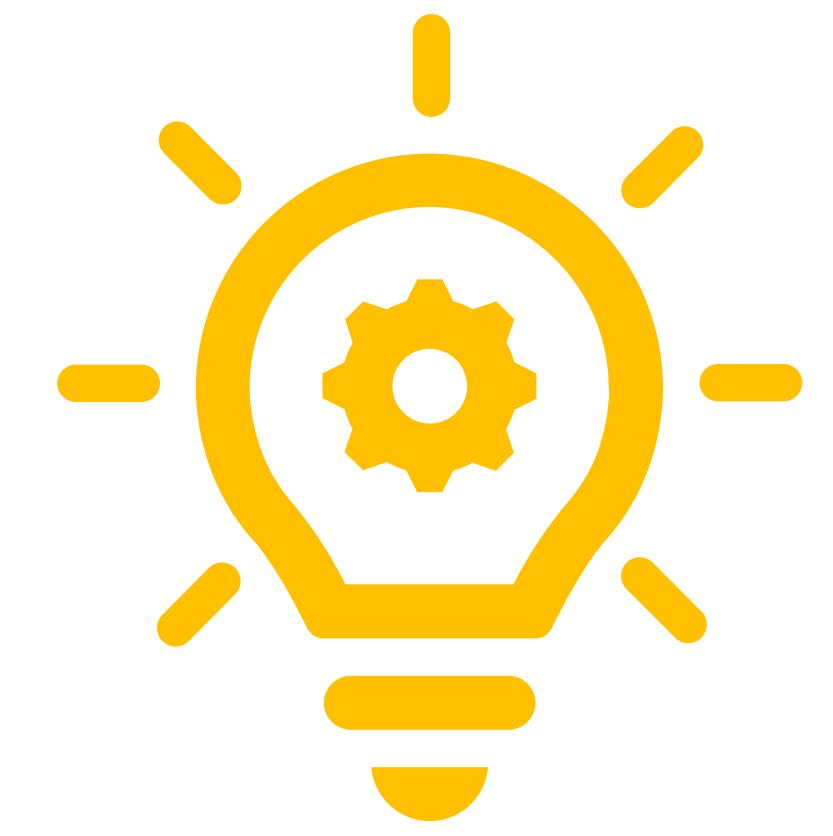


Have your say!

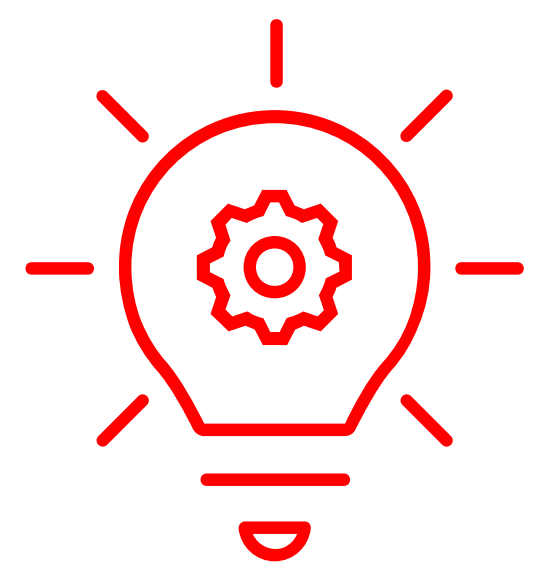
- What would you like the hoarding to look like?
- What colour(s) do you think are most fitting?
- What would you like to learn from the information boards?



Public engagement



- We are committed to keeping you informed and to hearing your voice.
- We want to know your comments and concerns.
- We have conducted a Business and Institutional Care Program survey to learn about the businesses in the area so we can understand and mitigate any impacts to them.
- Residents, commuters and people enjoying the Etobicoke Creek multi-use trail are equally as important!



Have your say!

- What matters to you?
- How and when do you want to hear from us?
 - Text
 - Email
 - Website
 - X (formerly Twitter)
- How do you want to talk to us?



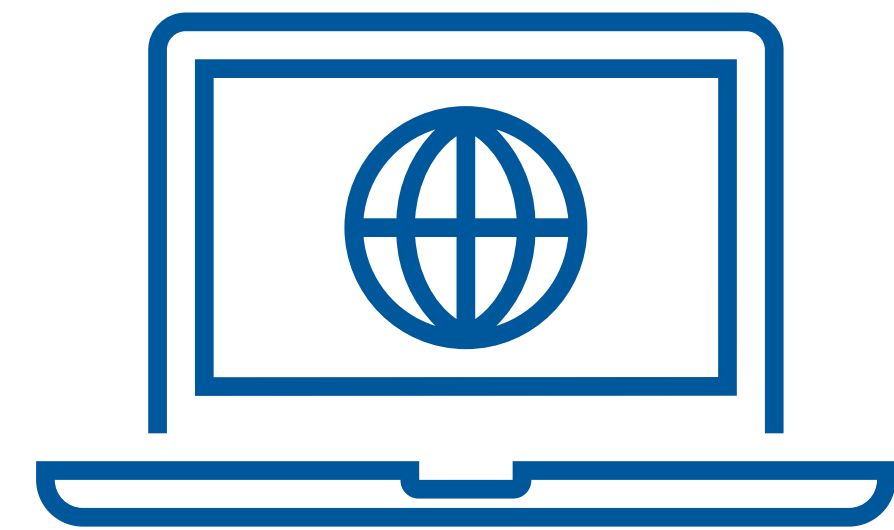
Next steps



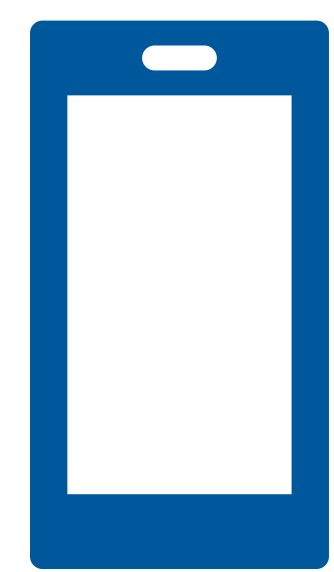
- We are at the 60% design stage.
- We are continuing to refine our design, prior to issuing the tender document to contractors. We are still working on:
 - Completing geotechnical investigations
 - Utility investigations
 - Obtaining permits and approvals
 - Structural design of maintenance holes
 - Instrumentation and Control design
 - Electrical design
 - Traffic management design refinement
 - Property acquisition
 - Coordinating with other projects
 - Baseline noise, dust and vibration studies and plans for mitigation
 - Environmental measures and erosion and sediment control
 - Management of construction water



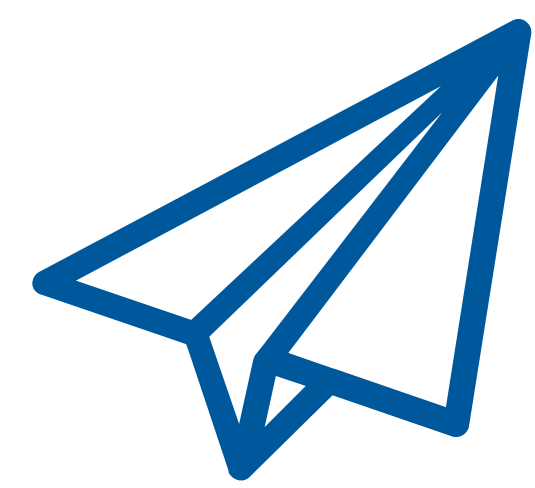
For more information...



peelregion.ca/construction/project-23-2261



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HATCH

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