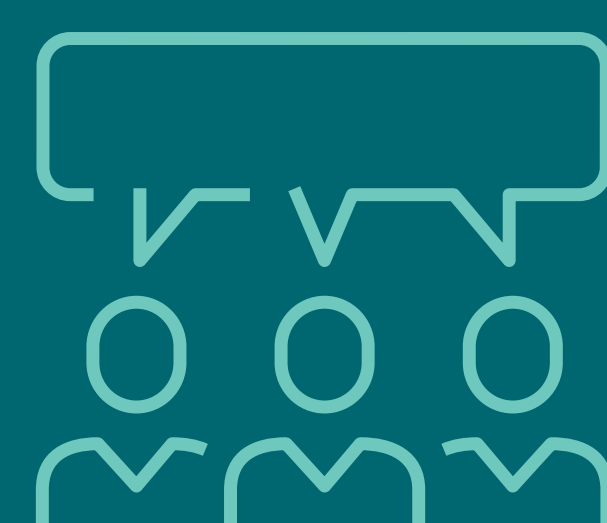


Welcome

Islington Transformer Station and Line Project Community Open House #2

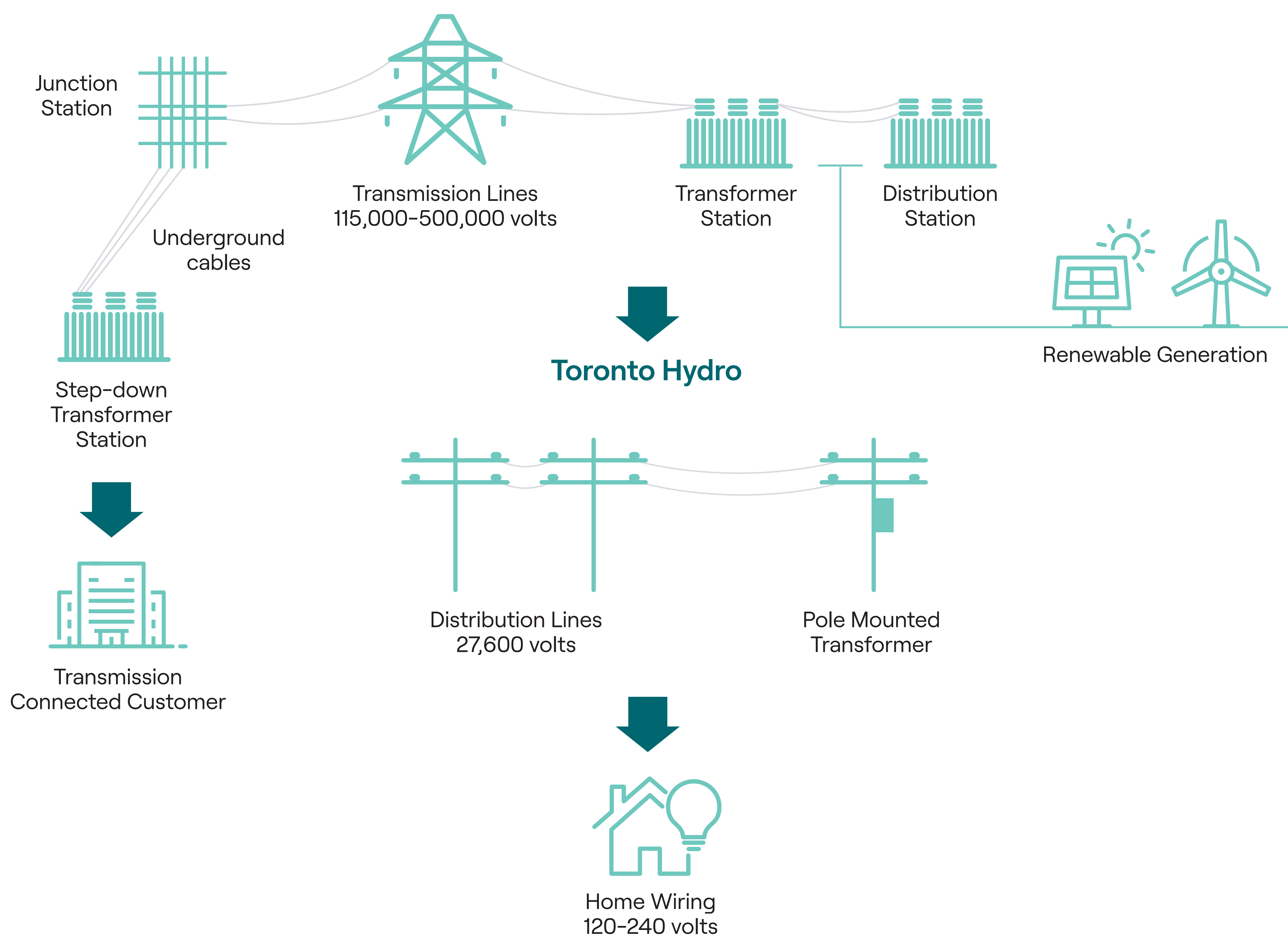
Why we are here:

- Provide project need and overview
- Share update on construction approach and timing
- Discuss design details
- Share what's involved in building this project



We keep the lights on

Hydro One or Licensed Transmitter



Project overview

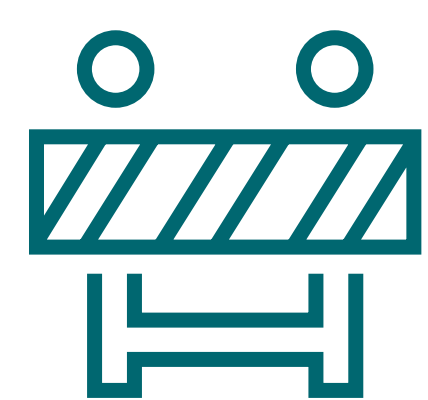
As industry and businesses grow in the City of Toronto, so does the need for safe, clean and reliable power.

In summer 2023, Hydro One completed an Environmental Assessment to connect a new data facility, planned at 48 Lowe's Place in Etobicoke, to the electricity grid.

The project includes:



Building a new 230 kilovolt (kV) transformer station (TS) on the data facility's property.



Installing two new junction stations (JCT), in an existing Hydro One corridor south of Rexdale Blvd. JCTs help transition power from the overhead transmission line to new underground cables.

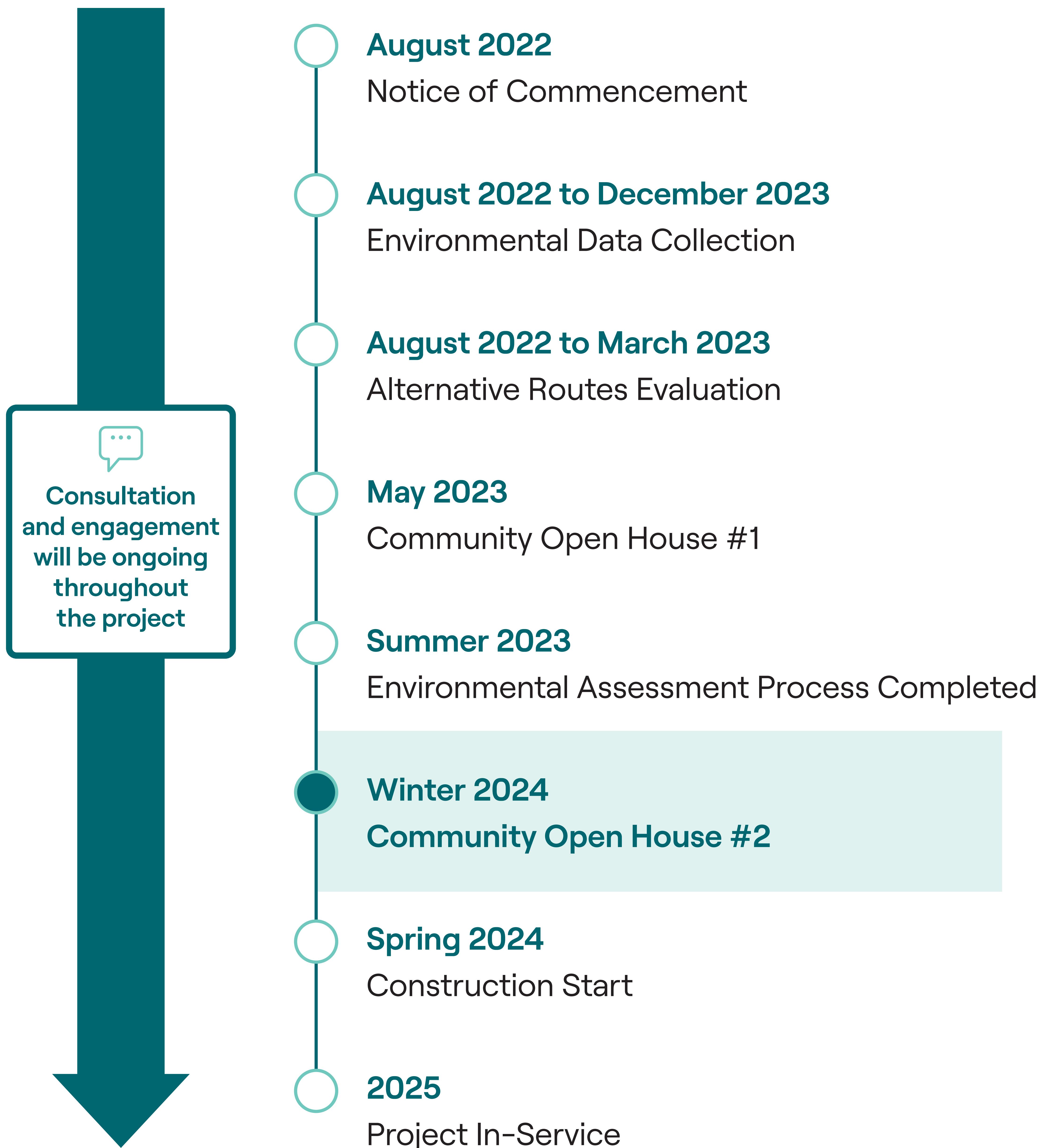


Installing two new underground 230 kV transmission circuits between the new JCTs and TS.

Project area



Project milestones



Underground construction methods

Open cut construction

Construction will involve the excavation of certain areas to install cables underground closer to the surface. This approach will be used along road allowances and open areas, including Pine Point Park. In order to minimize disruptions, work will be completed in sections of roughly 100 meters.



Example of open cut construction

Micro-tunneling construction

Construction will involve installing a micro-tunnel under Highway 401 between the edge of Pine Point Park to the customer facility. Once complete the shafts on either end of the micro-tunnel will be closed and covered.



Example of shaft required for micro-tunneling construction

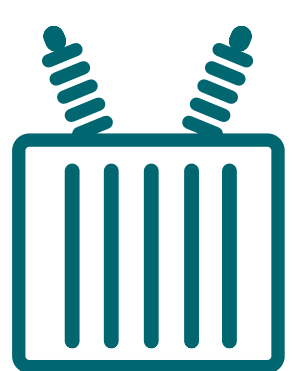
Construction activities

Construction will take place between Spring 2024 and Summer 2025 and consist of the following stages:



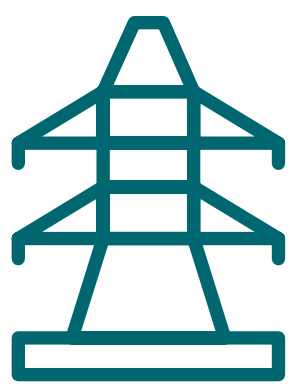
Micro-tunnel under highway 401, shafts at 48 Lowe Ave and Pine Point Park.

- Expected to begin Spring 2024



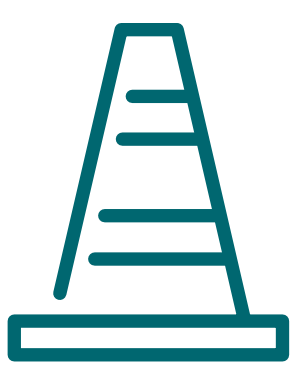
Junction stations to connect the new line to existing transmission towers

- Construction of junctions to begin Spring 2024



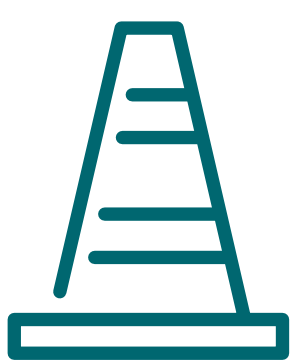
Construction of new Islington Transformer Station to connect customers

- Station work to begin Spring 2024



Road work along residential streets

- Spring 2024 beginning on Allenby Ave to Burrard Road
- Summer 2024 Chilcot Ave
- Winter 2024/25 Conan Road



Road work along Islington Ave and Rexdale Blvd

- Construction on major roads expected to begin Summer 2024

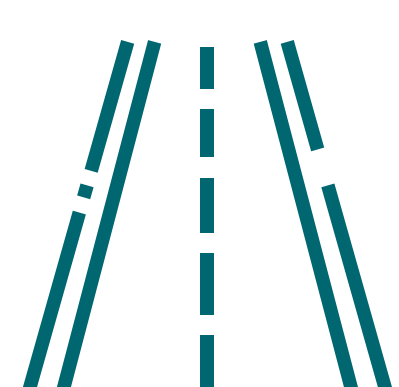


Repaving of all sections will be completed in Summer 2025

*The timelines for this project are subject to change, based on a number of factors, including weather and other infrastructure projects in the city. We will do our best to communicate any changes early and often.

Temporary road and driveway restrictions

We recognize that restricting access to roads and driveways can be disruptive to people's lives. To limit the duration of road and driveway restrictions, we have staged work to:



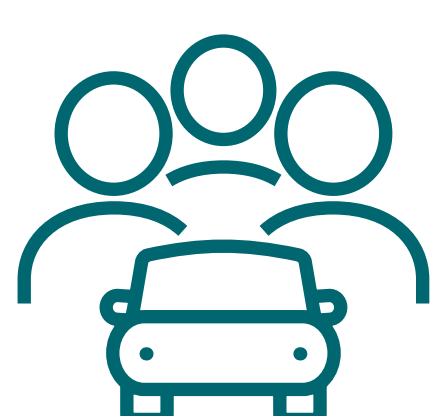
Be completed in 100 m sections at a time



Progress along the street to minimizing disruption to traffic in the area



Limit closures by temporarily restoring road and driveway access. Full restoration will take place in Summer 2025

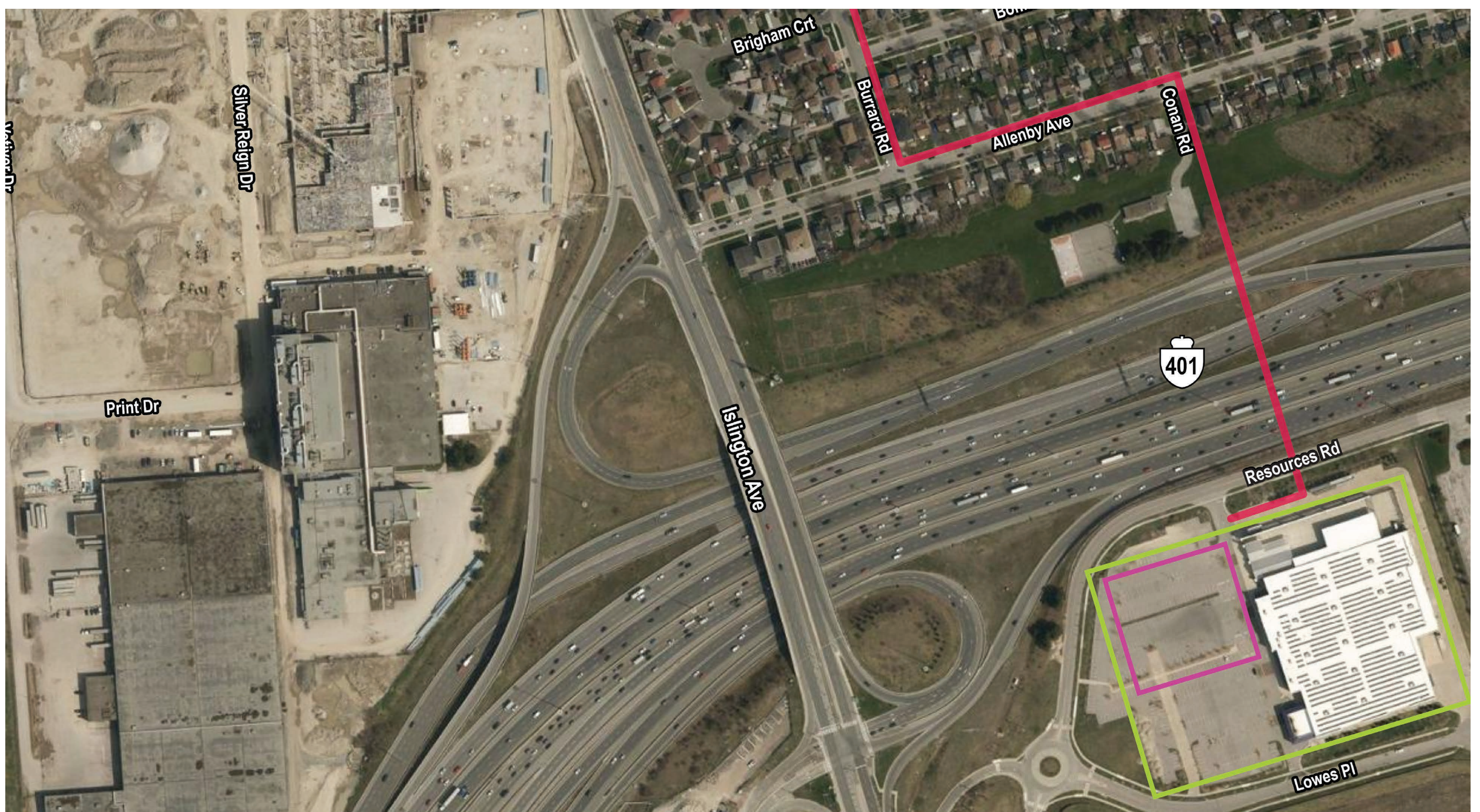


Reserve street parking spaces for impacted residents

Micro-tunnel

What to expect:

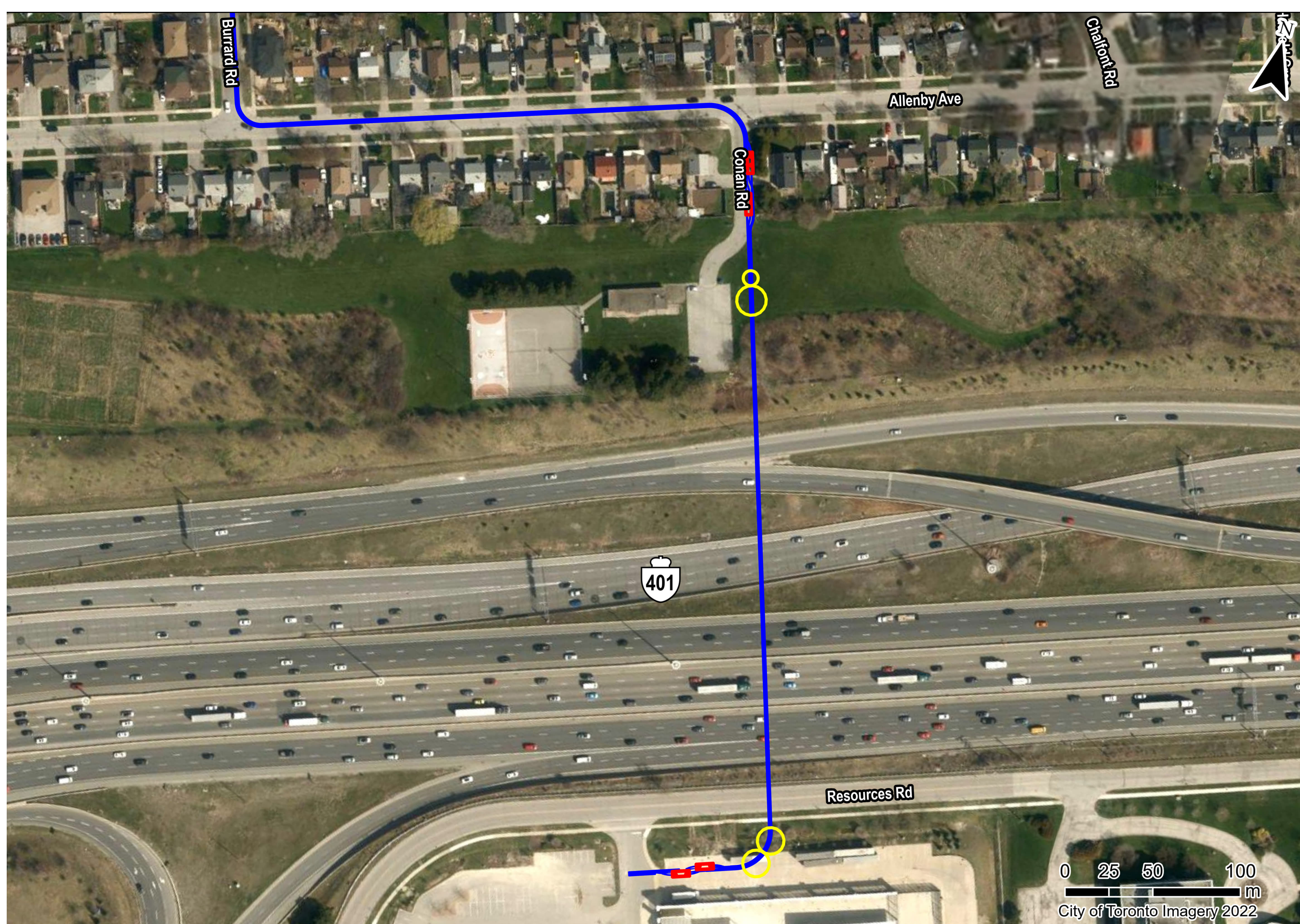
- Temporary construction area will be established in Pine Point Park
- Work on tunnel will begin in Spring 2024
- Shaft drilling may result in some vibrations. Vibration monitoring equipment will be installed on site
- Construction area will be fenced off. A pedestrian walk area along the north portion of the park will remain accessible
- Following completion of the tunnel, the park area will be restored and the shaft opening backfilled



Conan Road

What to expect:

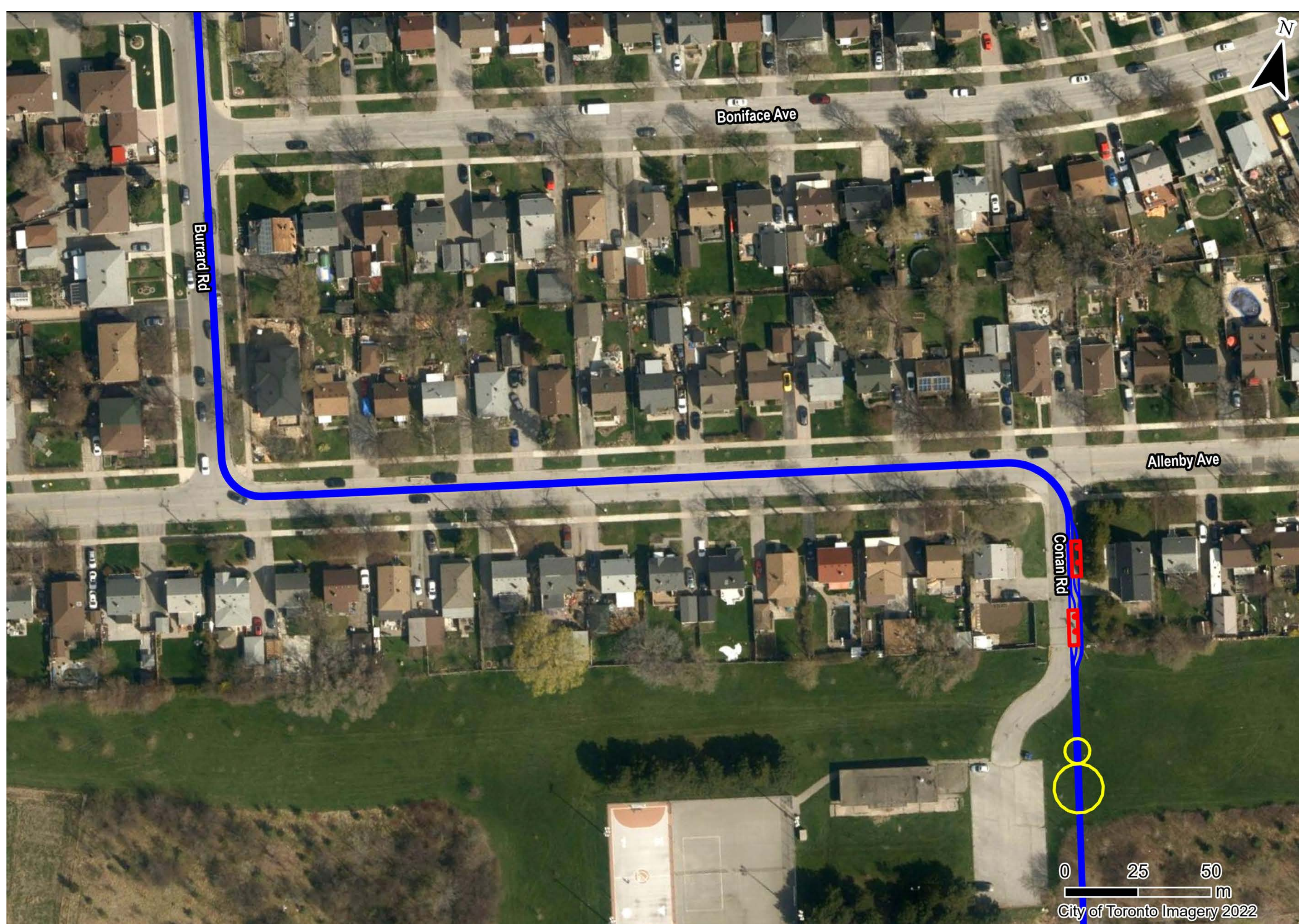
- Construction will involve excavation of the eastern lane on Conan Road
- Conan Road will be closed to traffic during work
- Conan Road access will be temporarily impacted during work on Allenby Ave
- Work on Conan Road will begin in early 2025 and be complete in Spring 2025
- Temporary closure in summer 2025 for finalizing cable installation
- Pedestrian access will be maintained throughout construction



Allenby Ave

What to expect:

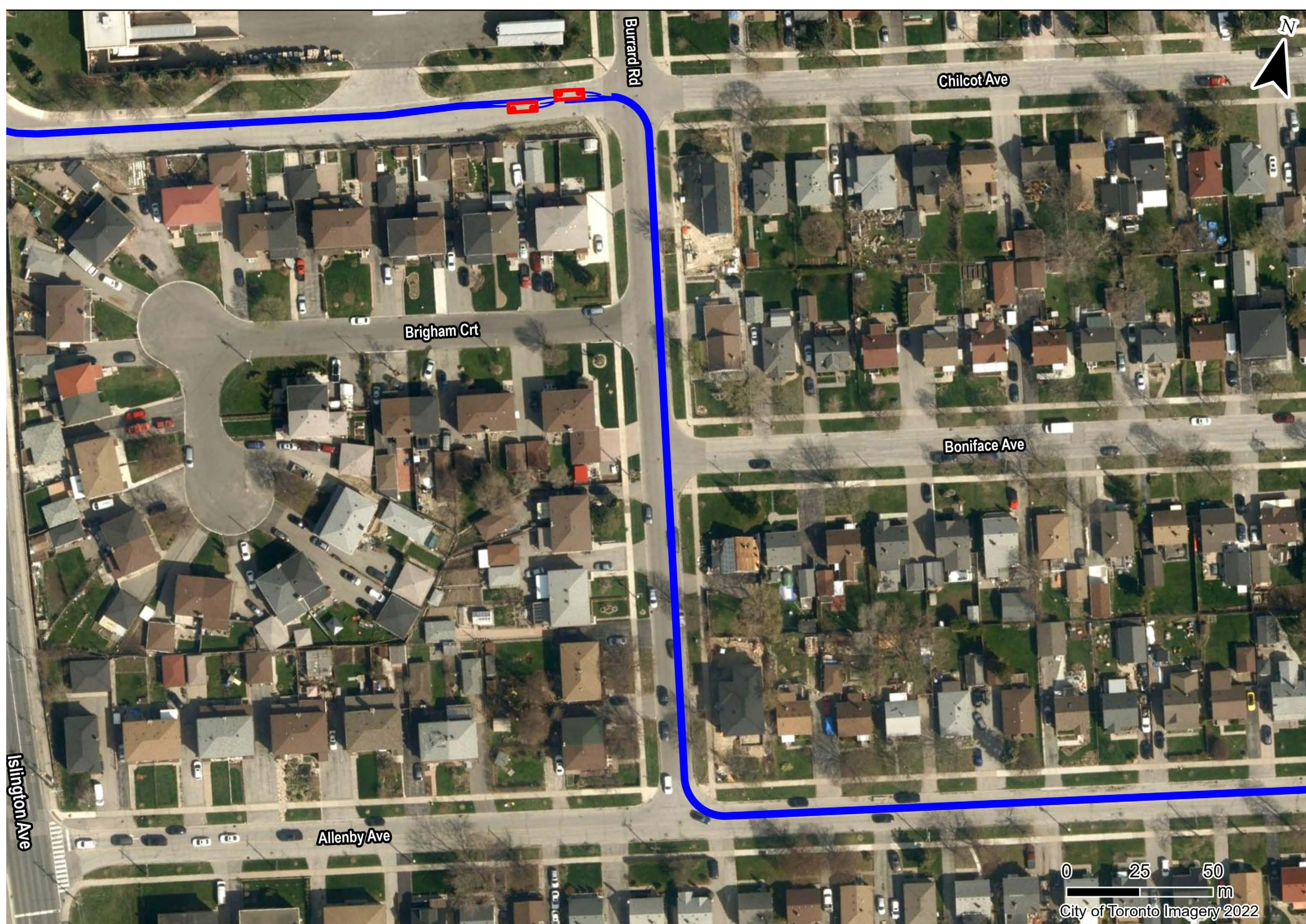
- Due to existing utilities the installation will take place within the centre of Allenby Ave
- Work on Allenby Ave will begin in Spring 2024 and progress towards Burrard Road. It is anticipated this work will be complete by Fall 2024
- Work will progress in 100 m sections. Within the 100 metre work zone Allenby Ave will be closed to traffic
- Driveways on both sides of Allenby Ave will be temporarily blocked within each 100 m work zone for up to 4 weeks
- A detour will be marked for through traffic to utilize Boniface Ave



Burrard Road

What to expect:

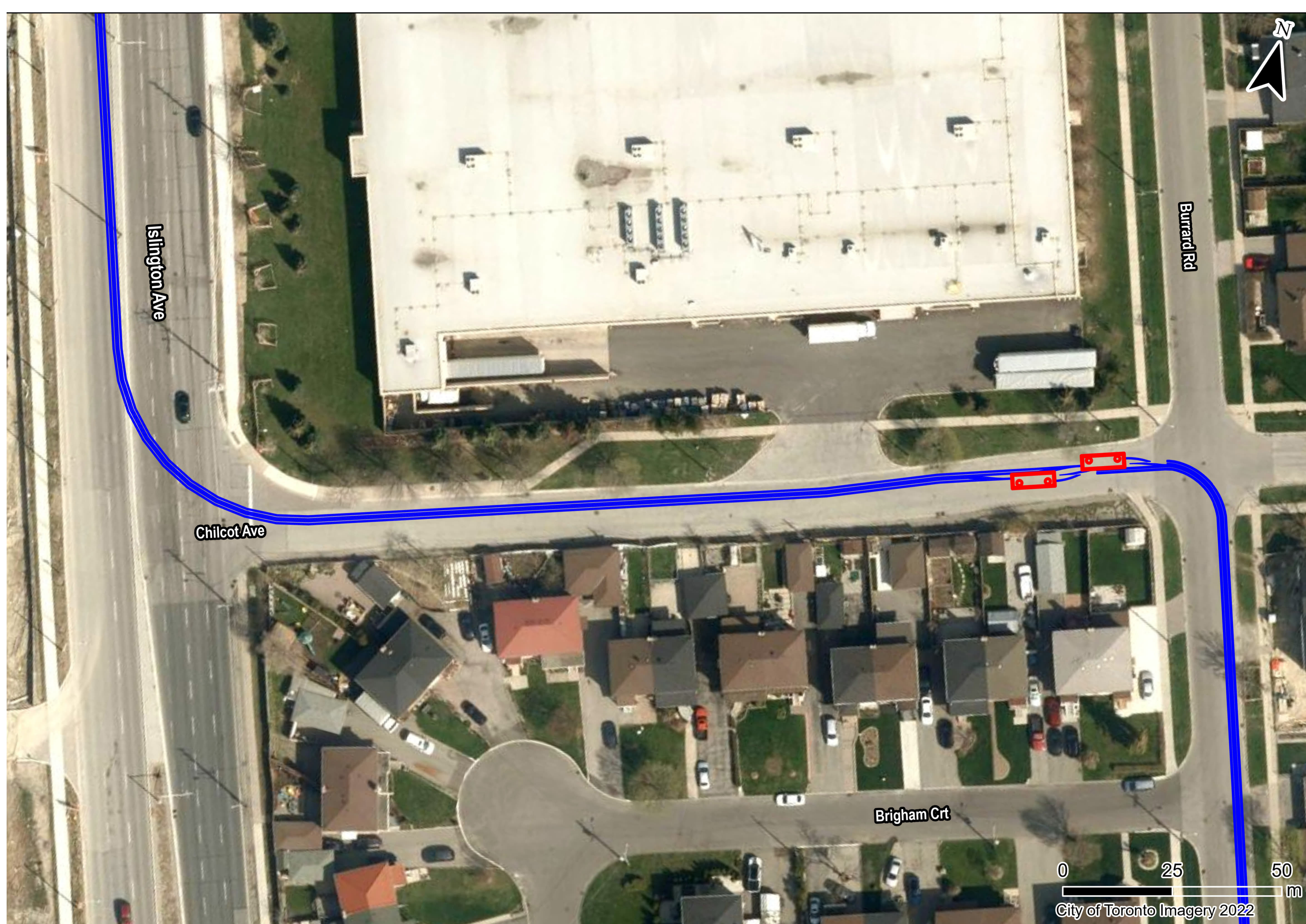
- Due to existing utilities the installation will take place within the eastern lane of Burrard Road
- Work will progress in 100 metre sections. Within the 100 m work zone Burrard Road will be closed to traffic.
- Driveways on both sides of Burrard Road will be temporarily blocked within each 100 m work zone for up to 4 weeks
- Work will begin in Spring 2024 and progress north to Chilcot Ave. It is anticipated work will be complete by Fall 2024



Chilcot Ave

What to expect:

- Due to existing utilities the installation will take place in the northern lane of Chilcot Ave
- Work will be staged to ensure access to business delivery lane
- Sections of road will be closed to traffic during work
- Work will progress in 100 m sections
- Work will begin in Summer 2024



Islington Ave and Rexdale Blvd

What to expect:

- Due to existing utilities the installation will take place in the northbound lanes of Islington and the westbound lanes of Rexdale Blvd
- Nighttime and weekend work may be required
- Work is expected to begin in the Summer of 2024
- Work will progress west along Rexdale to the existing Hydro One corridor
- Two lanes of traffic will be maintained at all times
- Traffic control and signage will be in place to ensure pedestrian safety
- Access to businesses will be maintained during construction

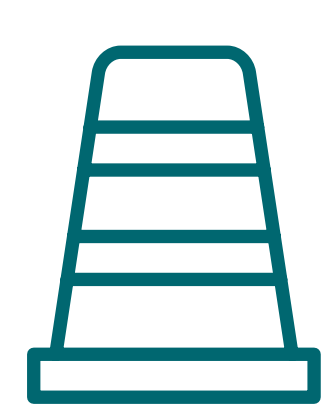




Working in your community

We understand construction can be disruptive and our team is committed to minimizing the effects on your community and ensuring the safety of our crews and the public.

Throughout construction, you can expect:



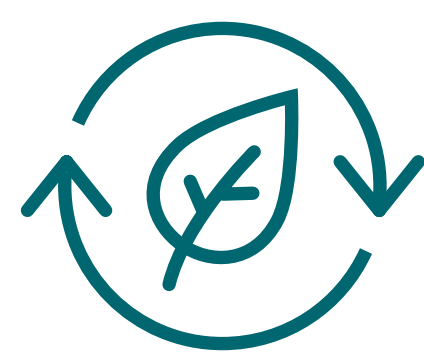
Work hours for residential streets will be 7:00 a.m. to 5:00 p.m., Monday-Friday (work may extend past these hours in special circumstances)



There are no planned disruptions to power or other utilities during construction



All work will occur within City of Toronto's by-laws



Upon completion all areas will be restored



Thank you for coming!

Share your feedback

Please fill out a comment form or send us your comments afterward.

Stay in touch

Join our project contact list.



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