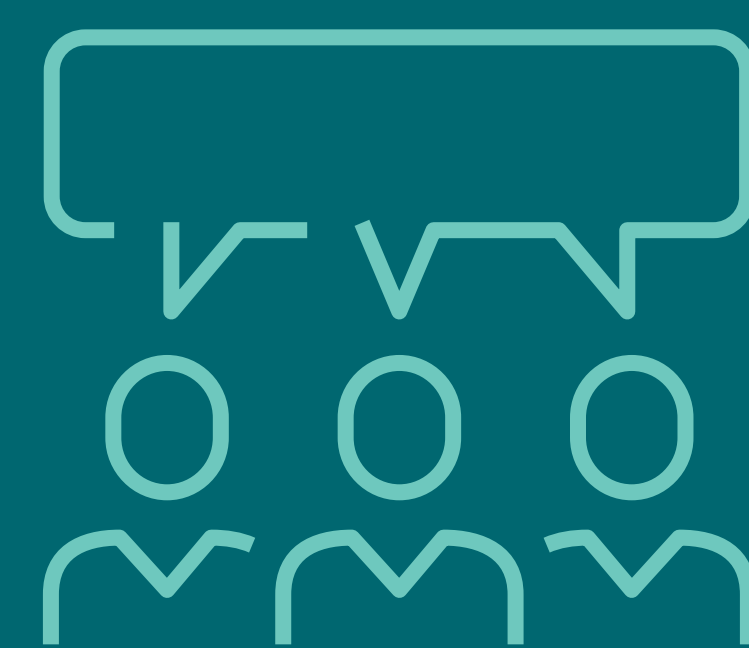
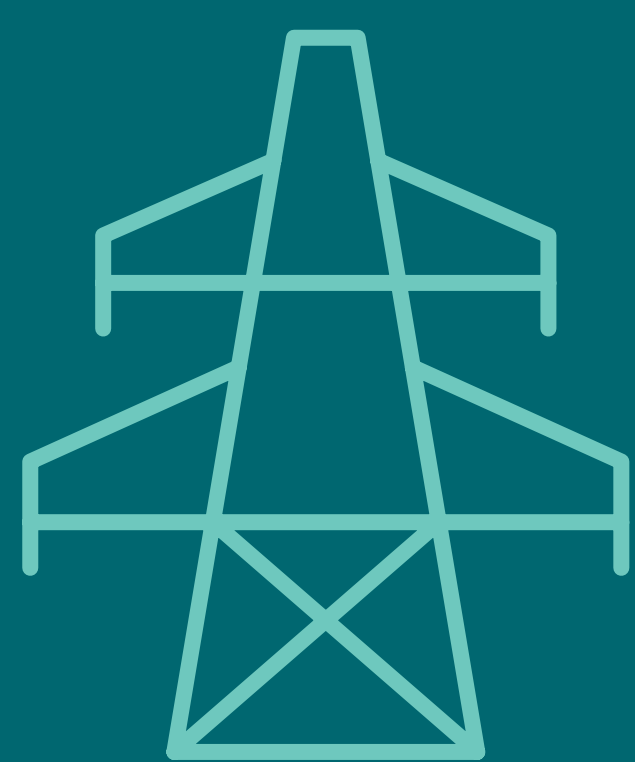


# Welcome

## Etobicoke Greenway Project Pre-Construction Update Community Open House #3

### Why we are here:

- Share planned construction activities and sequencing
- Review what you can expect
- Share key milestones and next steps
- Listen to your feedback and answer questions



# Project details

To ensure energy is available when and where it's needed, Hydro One is proposing to rebuild an existing 115 kilovolt (kV) transmission line into a 230 kV line between the Richview and Manby Transformer Stations.

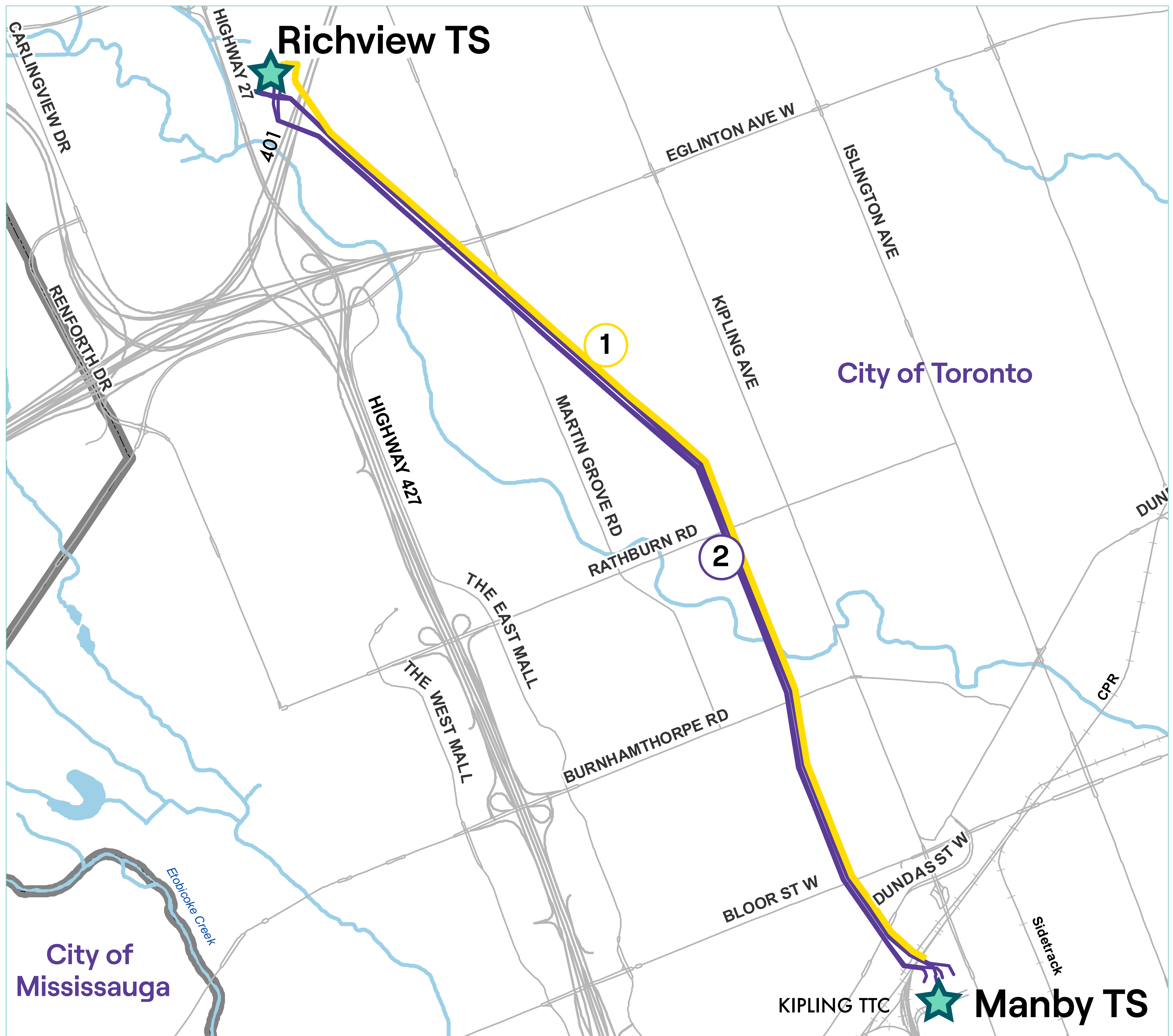
This 6.5 km hydro corridor is a critical electricity highway serving west and central Toronto, and currently includes two 230 kV lines that are energized and one 115 kV line that is non-energized.

This project was identified in the Toronto Integrated Regional Resource Plan, led by the Independent Electricity System Operator with input from Toronto Hydro and Hydro One, to support economic growth, transit initiatives and electrification.

The Class Environmental Assessment process was completed in June 2023 and we expect the line will be energized in 2026.



# Etobicoke Greenway Corridor



## Map Legend

**1** 115 kV Transmission Lines  
(being upgraded to 230 kV)

**2** 230 kV Transmission Lines



Transformer Station



Roads



Railway



Watercourse



Waterbody



Municipal Boundaries

# Project Approvals

- In June 2022, we began the Class Environmental Assessment process which included engagement opportunities where we heard your feedback through community meetings, one-on-one and group conversations.
- In June 2023, we completed the Environmental Assessment, and submitted the final Report to the Ministry of the Environment, Conservation and Parks.
- In November 2023, the Ontario Energy Board approved our Leave to Construct (Section 92) application.
- In February 2024, we plan to begin construction.
- As we prepare for construction we will obtain all other required permits and approvals.



# Project milestones

- 
- A vertical timeline graphic on the left side of the page, consisting of a teal line with circular markers. The markers are white with teal outlines, except for the one corresponding to December 2023, which is a solid teal circle. The timeline is set against a light teal background that highlights the December 2023 milestone.
- June 2022**  
Notice Of Commencement
  - July 2022**  
Community Open House Series #1
  - August 2022**  
Corridor Walks, Community Workshops & Ongoing One-On-One Meetings
  - November 2022**  
Community Open House Series #2
  - March 2023**  
Draft Environmental Study Report Release for Public Review and Comment
  - June 2023**  
Final Environmental Study Report Completion
  - November 2023**  
OEB Section 92: Leave to Construct Approval
  - December 2023**  
Community Open House Series #3
  - February 2024**  
Construction Begins
  - 2026**  
Line Energized and work to Reimagine the Corridor to begin



# Overview of Construction Activities\*

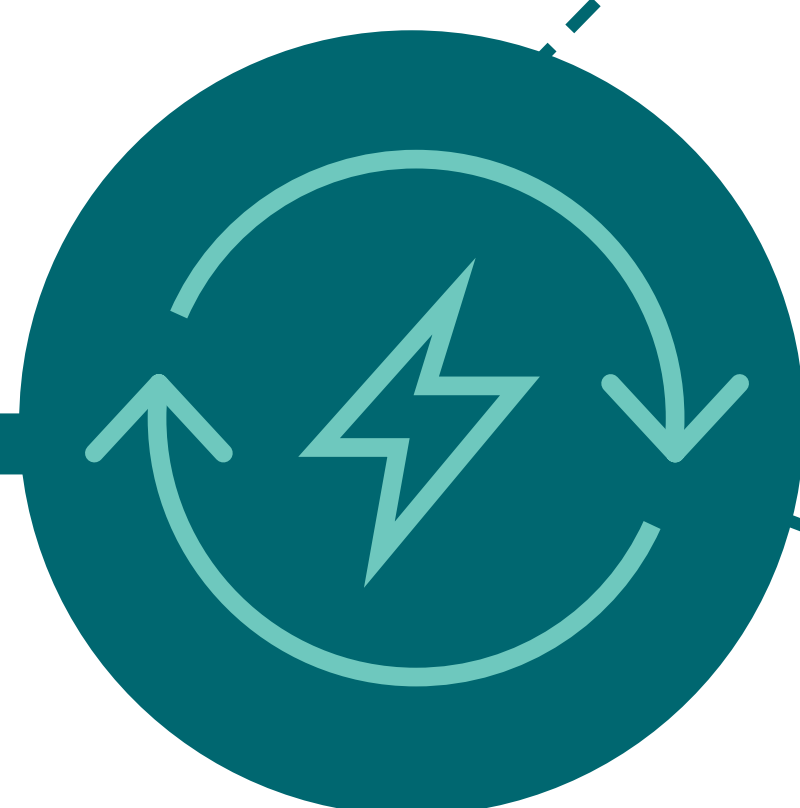
## Step 1. Prepare for construction



Early Winter 2024 – Fall 2024

- Undertake Stage 1 vegetation management
- Install access roads
- Install temporary wood poles on either side of the existing towers to transfer overhead wires onto
- Remove idle line on east side of corridor

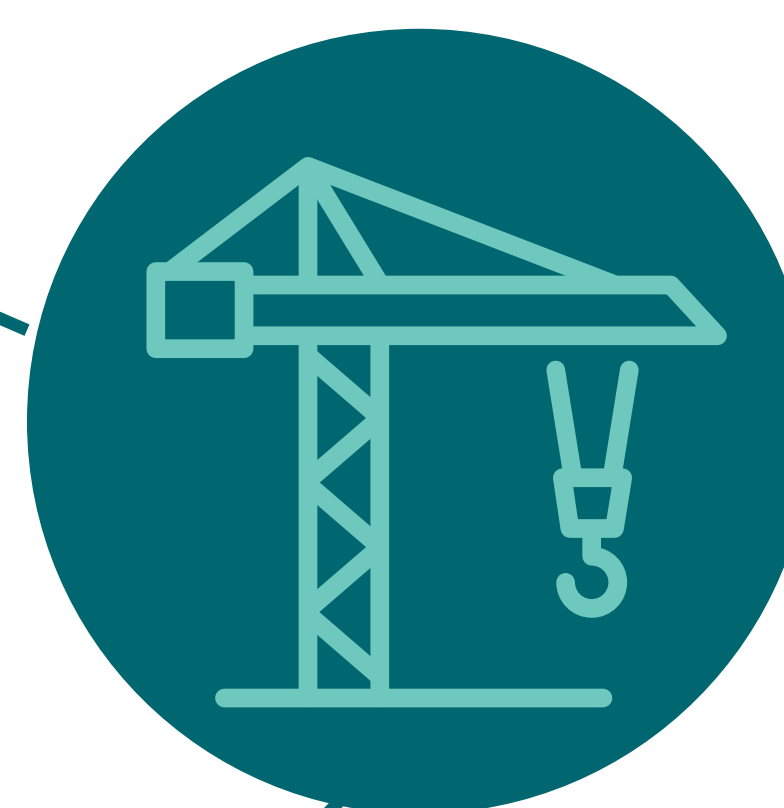
## Step 3. Completing the line



Fall 2025 – Summer 2026

- Undertake Stage 3 vegetation management
- Remove wood poles
- Energize the new line
- Remove access roads and restore construction areas

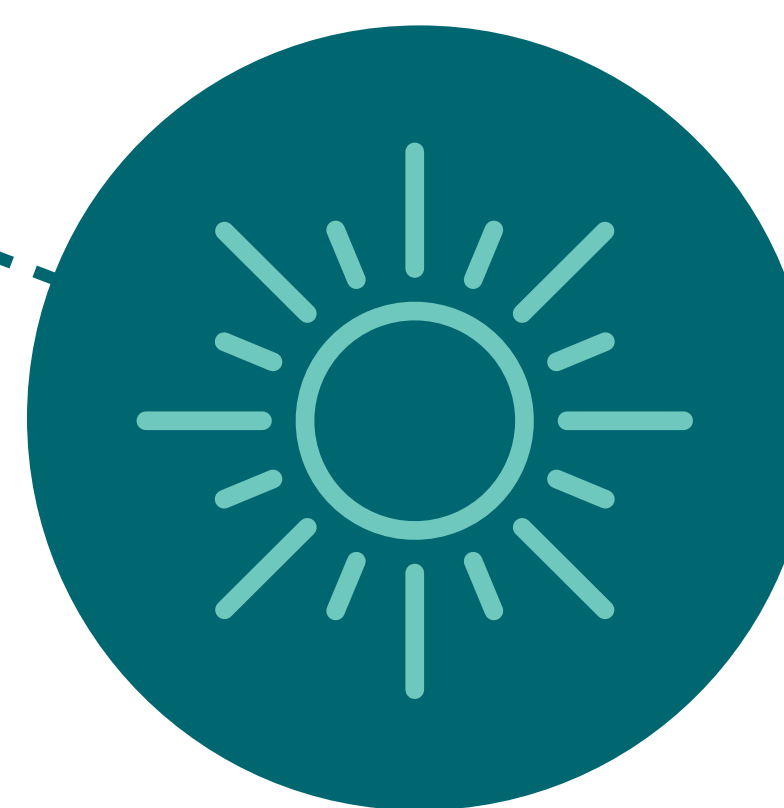
## Step 2. Building the line



Spring 2024 – Fall 2025

- Undertake Stage 2 vegetation management
- Build tower foundations
- Install new transmission towers
- Install overhead wires
- Install grounding to bond towers

## Step 4. Reimagining the Corridor



Spring 2026 to Summer 2027

- Construction of new trail and public amenities
- Restoration of TRCA regulated areas

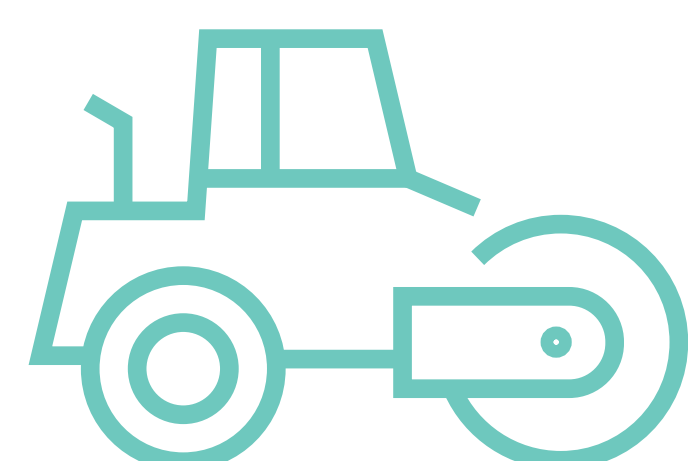
\* Timelines are approximate and subject to change

# Step 1. Prepare for construction



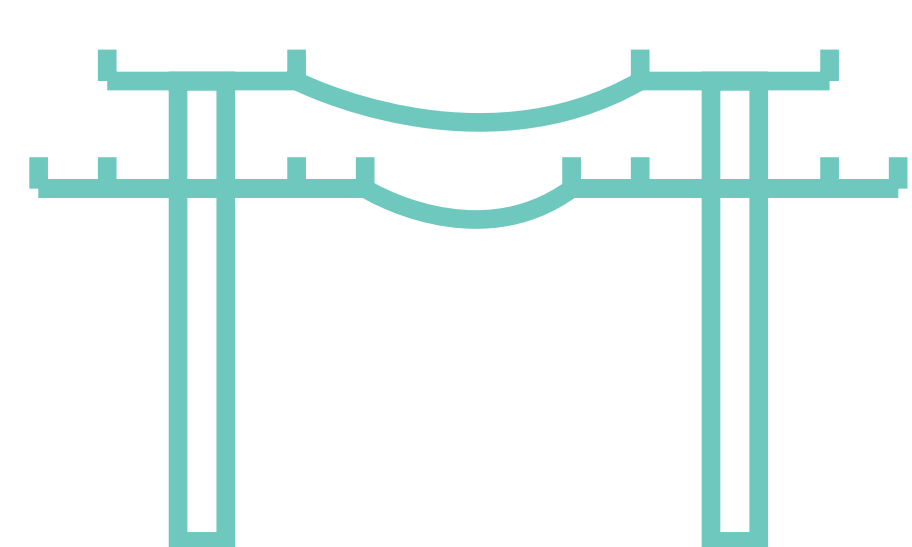
## Stage 1 vegetation removal (early winter 2024)

- Remove vegetation at and near tower bases and construction areas.
  - Stumps will be ground
  - Cut wood will be chipped or removed off site



## Create access roads and construction areas (early winter 2024 – fall 2024)

- Install temporary gravel roads on the east side of the corridor, approximately 6 metres in width, in key areas along the corridor.
  - Roads will be built using excavators
- Install construction areas made of gravel pads 100ft by 150ft to support activities associated with stringing the new lines.



## Install temporary wood pole structures (early winter 2024 – fall 2024)

- Construct temporary wood pole structures on either side of existing tower locations and over dense vegetation so that the old line can be transferred off the towers, to minimize tree removal requirements.



## Removing the existing infrastructure (spring 2024 – fall 2024)

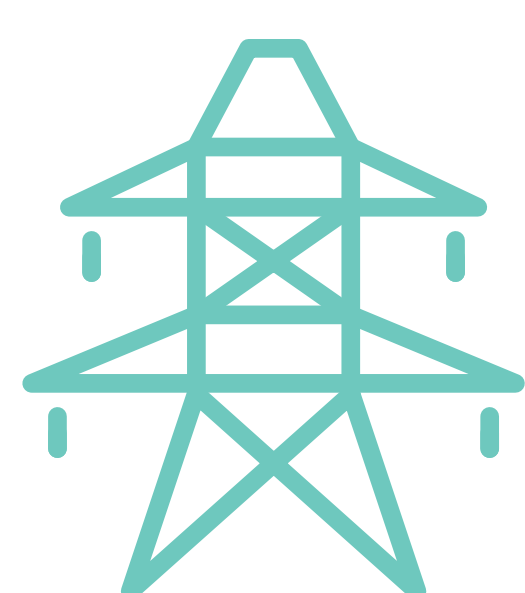
- Remove the existing overhead line and existing 115 kV towers.

## Step 2. Building the line



### **Install tower foundations to support the new tower structures (spring 2024 – early winter 2025)**

- Foundations will be installed by excavating and installing concrete caissons and in some instances, compact steel piles.



### **Install new towers (fall 2024 – summer 2025)**

- Towers will be assembled using cranes, aerial lifts and climbing techniques.



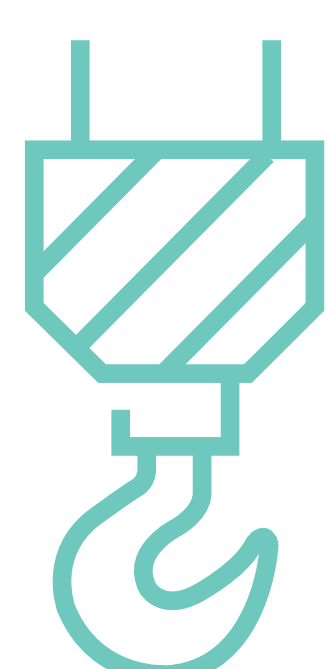
### **Stage 2 vegetation management (winter 2025)**

- Vegetation will be selectively trimmed and removed under the power lines.



### **Grounding and bonding the new towers (spring 2025 – summer 2025)**

- Installing an underground wire by digging a narrow trench between the new towers and the existing centre 230kv tower line.



### **Install new overhead line (early winter 2025 – fall 2025)**

- A tension stringing technique using the existing wire from the temporary wooden poles will be used to connect the new line.

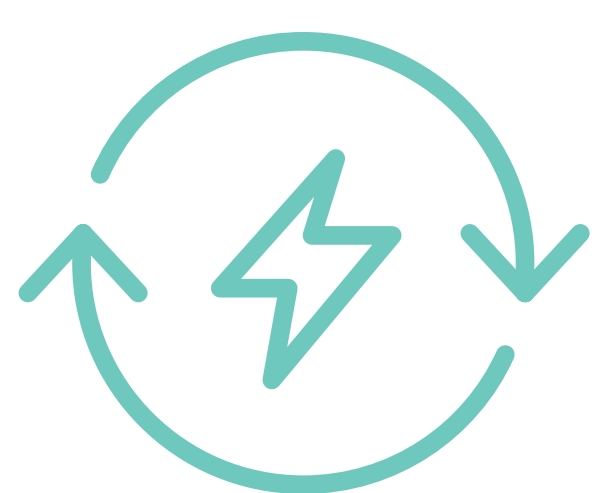


# Step 3. Completing and Energizing the Line



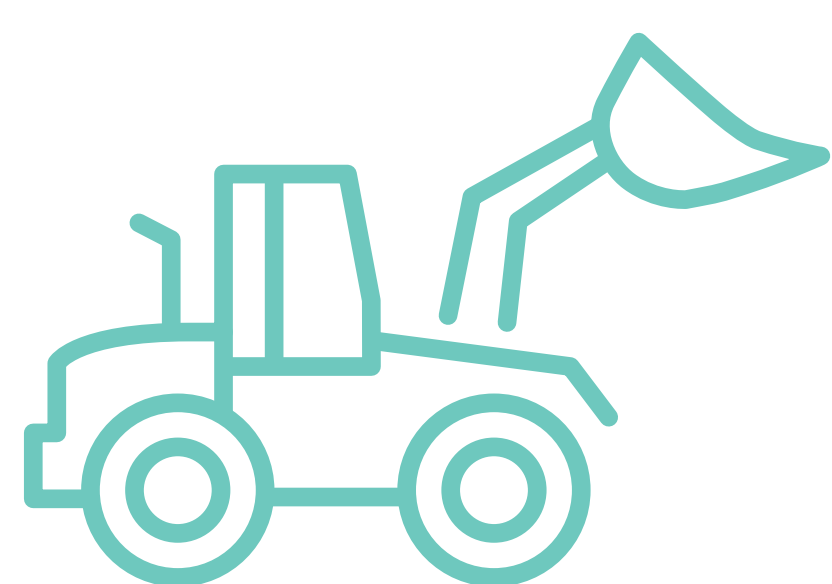
## Stage 3 vegetation management (fall 2025)

- Prepare the line for energizing by trimming or removing additional vegetation along the edge of the corridor that could pose a risk.



## Energize the new line (fall 2025 – early winter 2025)

- Connect the new line to both Richview and Manby Transformer Stations.



## Demobilization (spring 2026 – summer 2026)

- Remove temporary wood poles, access roads, and restore work areas.



## Biodiversity

- Work with partners to develop and implement restoration and biodiversity opportunities within the corridor. This will be in addition to Reimagining the Corridor.

# What you can expect

## Noise

- Construction activities will occur Monday – Thursday, 7:30 a.m. to 5p.m. in compliance with the City of Toronto’s Noise Bylaw.
- Weekend work will occur only if required.

## Safety and Access

- To ensure residents can still safely access parts of the corridor that are not under construction, we will install temporary access gates and fencing around the construction areas and the new towers.

## Dust

- Hydro One will implement best management practices to control and minimize dust. This can include watering areas during dry periods and constructing temporary barriers.

## Traffic

- Where temporary lane restrictions are required, Hydro One will coordinate the timing of construction with the City of Toronto and other projects that may be scheduled in the area.
- Traffic control measures will be in place to ensure public safety during active construction. Staff will be on site to direct traffic as needed.

## Communication

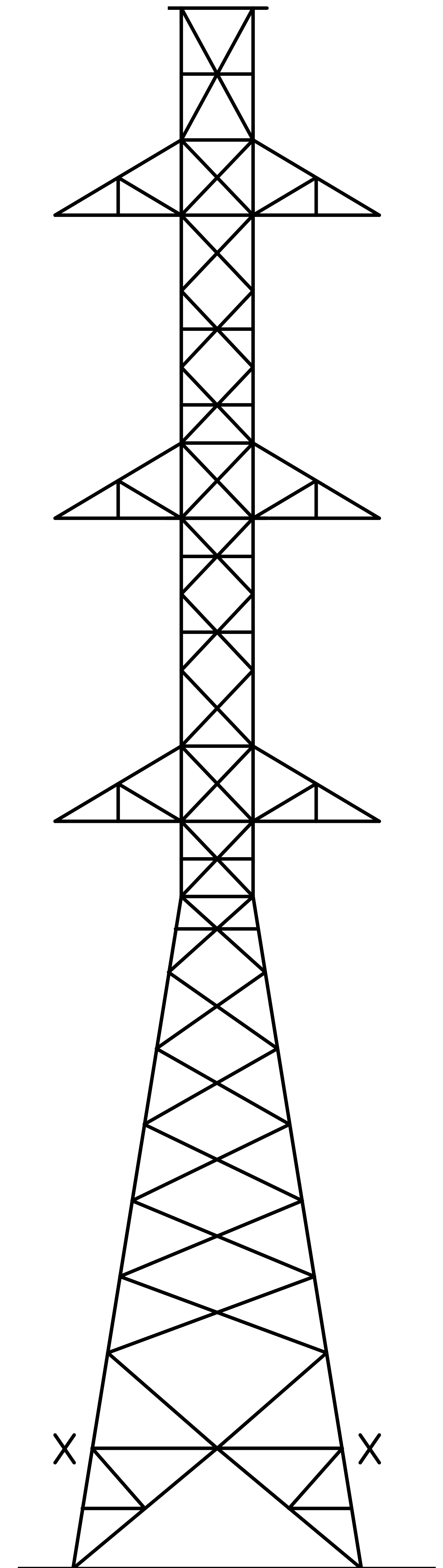
- We are committed to ensuring you know what to expect every step of the way during construction and will provide updates throughout the project duration.

# Tower details

To support the new 230 kV line, the new towers will be:

- Constructed within a few meters of existing locations
- Slightly taller or similar in height to those on the west side of the corridor
  - Generally, range in height from 135 ft and 160 ft
- Similar in footprint to the lattice structures on the west side of the corridor
- More compact design with narrower arms than the west side of the corridor




To help preserve dense vegetation and mature trees in and near Echo Valley Park, we are installing four taller towers, up to 180 ft.



**Proposed Towers**

# Preserving vegetation

For this project, we will be utilizing a number of unique measures to help preserve vegetation throughout each stage:

	Typical Approach	Etobicoke Greenway Project
<b>Construction</b> 	Remove all vegetation under and near the power lines for access.	<ul style="list-style-type: none"> <li>• Use aerial construction methods.</li> <li>• Strategically place temporary access roads to avoid vegetation.</li> <li>• Install wood poles near dense vegetation to support installing the new wires.</li> </ul>
<b>Tower Design</b> 	Use standard design and height.	<ul style="list-style-type: none"> <li>• Use towers with narrower arms.</li> <li>• Build taller towers to preserve dense and mature vegetation in and near Echo Valley Park.</li> </ul>
<b>Future Maintenance</b> 	Remove all vegetation that would pose a risk to the electrical system.	<ul style="list-style-type: none"> <li>• Return to maintain vegetation when required.</li> </ul>

Through the above mitigation measures, it is anticipated that 2/3 of the trees within the project area will be saved.

# Reimagining the corridor

Hydro One is committed to investing in the corridor so it can be enjoyed by the community once the project is complete.

We have developed a preliminary design concept that balances public input with Hydro One's technical and safety considerations.

The concept features 4.5 km of trails with meadows, pollinator plantings, trail amenities and five frequently mown spaces for recreational activities within the 70-hectare greenspace.

We are continuing to work through the details of this plan with organizations, and look forward to providing you with an update when one is available.





# Thank you for coming

Please fill out a comment form before you leave, or send us your comments afterward.

Join our project contact list to receive important updates.



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**[www.HydroOne.com/Etobicoke](http://www.HydroOne.com/Etobicoke)**

