

# Longwood to Lakeshore project



## Updated route alternatives

Hydro One is building new transmission lines to meet the growing power needs of southwestern Ontario. These lines will enhance reliability for homes and businesses, drive economic growth, and help create jobs. As part of these efforts, we have initiated a Class Environmental Assessment (Class EA) for the Longwood to Lakeshore Project, which involves constructing two new single-circuit 500 kilovolt (kV) transmission lines between the Longwood Transformer Station (TS) in the Municipality of Strathroy-Caradoc and the Lakeshore TS in the Municipality of Lakeshore.

In February 2024, Hydro One introduced three route alternatives for the project, each with variations. Since then, we've been gathering important environmental and technical information. We are also engaging with Indigenous communities, property owners, community members, elected officials, interest groups and businesses to incorporate their input.

Through this engagement, we have heard about the significance of agricultural operations, the value of unique environmental features, and nearby homes, businesses and communities. There is also interest in understanding how the project might affect these areas during construction, and once operational. As the Class EA progresses and project design advances, we are committed to sharing detailed information and ensuring engagement at every stage of the project.

## Changes to route alternatives

Hydro One has conducted field studies, technical analysis, and community and stakeholder consultation. This work has provided us with a more in-depth understanding of the conditions surrounding each of the proposed route alternatives. As a result of these efforts, we have refined the route options based on new information.

Route 1 has been removed from consideration due to several constraints in its eastern section prior to where it joins Route 2, which make it technically unfeasible. We have also made adjustments to the remaining route alternatives to address newly identified technical and environmental constraints.

For more information, please refer to the map on the reverse side. Updated routes can also be accessed on the interactive map available on the project website. Property owners who may be affected by these changes have been contacted directly.

Looking ahead, Hydro One will evaluate and compare the updated routes to identify the preferred option. The final decision will take into account both the advantages and disadvantages of each route. We expect to announce the preferred route in early- to mid-2025.

## We want to hear from you

For the latest updates on the project, please visit our website. Our project team will be hosting community open houses later this fall. We encourage you to join us or contact us by phone or email to schedule a convenient time for a discussion.

## Planning process

This project is following the "Class Environmental Assessment for Transmission Facilities" (Class EA for TF, 2024), established in accordance with the *Ontario Environmental Assessment Act*. For more information, please visit [HydroOne.com/ClassEA](https://hydroone.com/classEA). Following completion of the Class EA, the project will also require approval from the Ontario Energy Board under Section 92 (Leave to Construct) of the *Ontario Energy Board Act*.

### Freedom of Information and Protection of Privacy Act

All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of the Environment, Conservation and Parks for the purpose of transparency and consultation. The information is collected under the authority of the *Environmental Assessment Act* or is collected and maintained for the purpose of creating a record that is available to the general public as described in s. 37 of the *Freedom of Information and Protection of Privacy Act*. Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the Ministry of the Environment, Conservation and Parks' Freedom of Information and Privacy Coordinator at 416-314-4075 or [Foi.meccp@ontario.ca](mailto:Foi.meccp@ontario.ca).

## Please join us! Community Open Houses

**November 19**

3 p.m. – 7 p.m.

**Comber Community Centre**

6211 McAllaster St.  
Comber

**November 20**

3 p.m. – 7 p.m.

**John D. Bradley Convention Centre**

565 Richmond St.  
Chatham

**November 27**

3 p.m. – 7 p.m.

**Ekfrid Community Centre**

48 Wellington Ave.  
Appin

**November 28**

3 p.m. – 7 p.m.

**Brunner Community Centre**

32 Wallace St.  
Thamesville

## We're here to help

If you would like any further information or have any questions, please contact Community Relations at:

 **1.877.345.6799**

 **Community.Relations@HydroOne.com**

**HydroOne.com/  
Longwood-to-Lakeshore**



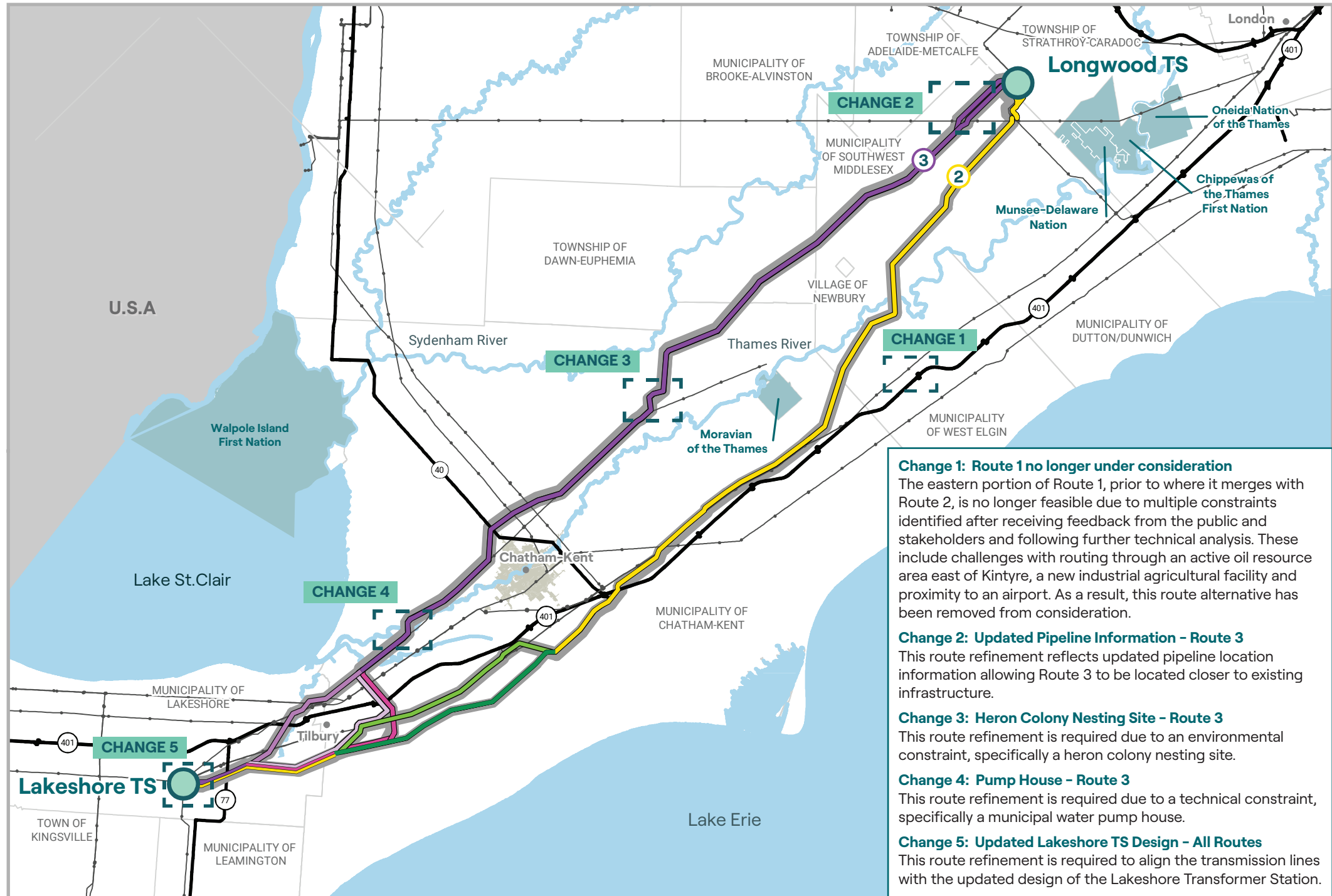


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## Map Legend

- Transformer Station (TS)
- Route 2 (A/B Core Alignment)
  - Route 2A
  - Route 2B
- Route 3 (A/B/C Core Alignment)
  - Route 3A
  - Route 3B
  - Route 3C
- All Routes (2A/2B/3A/3B/3C)
- Local Study Area (500 m buffer on either side of the route alternatives)
- Existing Transmission Line
- Highway
- Municipal Boundary
- Waterbody
- First Nation
- Built Up Area

Note: With the exception of a section of Route 3 near Longwood TS, each route represents two transmission lines with parallel alignments. Each line has an assumed 60m right of way, pending detailed engineering.



**Change 1: Route 1 no longer under consideration**  
The eastern portion of Route 1, prior to where it merges with Route 2, is no longer feasible due to multiple constraints identified after receiving feedback from the public and stakeholders and following further technical analysis. These include challenges with routing through an active oil resource area east of Kintyre, a new industrial agricultural facility and proximity to an airport. As a result, this route alternative has been removed from consideration.

**Change 2: Updated Pipeline Information - Route 3**  
This route refinement reflects updated pipeline location information allowing Route 3 to be located closer to existing infrastructure.

**Change 3: Heron Colony Nesting Site - Route 3**  
This route refinement is required due to an environmental constraint, specifically a heron colony nesting site.

**Change 4: Pump House - Route 3**  
This route refinement is required due to a technical constraint, specifically a municipal water pump house.

**Change 5: Updated Lakeshore TS Design - All Routes**  
This route refinement is required to align the transmission lines with the updated design of the Lakeshore Transformer Station.

**Note:** Please visit our online interactive map for a more detailed view and to provide your feedback: [HydroOne.com/Longwood-to-Lakeshore](https://HydroOne.com/Longwood-to-Lakeshore).