

# How we got here

A preliminary assessment was conducted to identify viable route alternatives for the new transmission line. This involved:

- Collecting existing spatial datasets to identify environmental constraints (such as woodlands, wetlands, existing infrastructure, land uses, recreational areas, sensitive archaeological features).
- Utilizing Geographic Information System (GIS) modeling software to identify potential corridors based on these environmental constraints, and opportunities such as existing transmission infrastructure.
- Having experts review, refine and confirm the viable route options.

Hydro One has also identified an opportunity to upgrade parts of the existing 115 kV transmission system between Chatham and Lambton (including the Wallaceburg Transformer Station) to 230 kV to meet the need for this project. These alternatives (Routes 2, 3 and 4) would also have additional reliability and capacity benefits to the Wallaceburg area.

