

Transmission Corridor along Red Hill Valley Parkway  
Vegetation Management

## Project need and work areas

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- Project area is between Mud St. and Red Hill Valley parkway (1.6 km )
- The corridor consists of three 230 kV and one 115 kV high voltage circuits which are due for vegetation maintenance.
- These power lines are critical assets for supply to the North American and provincial grid.
- It supplies power to Horizon Utilities and connects large industrial users.
- Vegetation maintenance is essential to ensure public and worker safety, service reliability and compliance with utility/ regulatory standards.
- The corridor is owned by the City of Hamilton and Hydro One has an easement to operate and maintain the transmission line.

# Project Area Map - Mud St. to Red Hill Valley Parkway

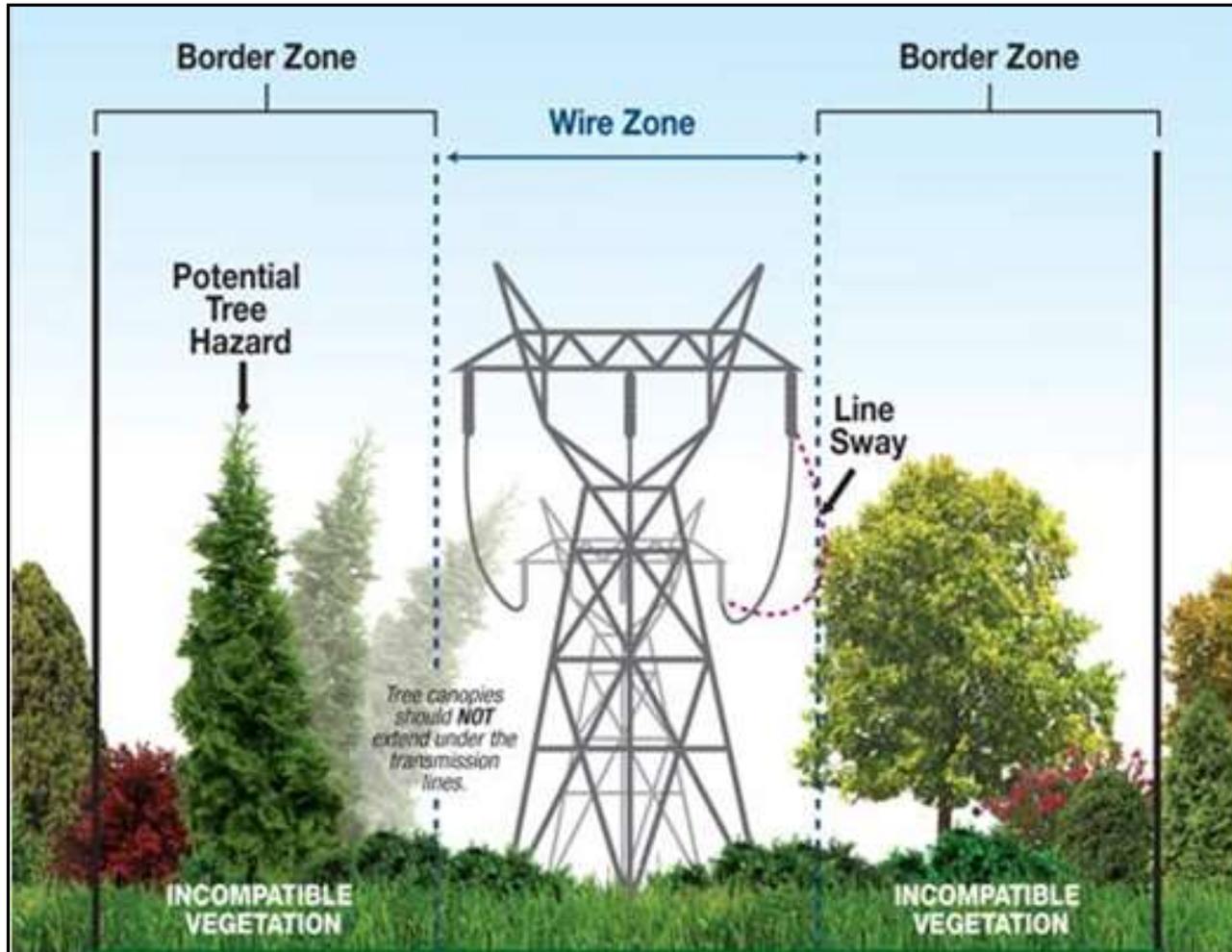


# Potential community concerns

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- Identify and report hard encroachments, such as extended fences to the City of Hamilton for action. There are approximately **30** encroachments along Glen Castle Dr. and Mount Albion Rd.
- Tree removals on Hydro One easement area where adjacent property owners planted on the transmission corridor
- Loss of visual screen/privacy due to tree and brush removal
- Herbicide use
- Perceived impact on enjoyment of property and public use spaces
- Concerns about potential impacts on drainage, as flooding has been an issue in this community.

# Hydro One clearance considerations and factors



# Integrated Vegetation Management Approach

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- Integrated (IVM) approach to identify the most appropriate and effective methods to deal with right-of-way conditions, balancing utility needs and local environmental/social factors
- Crews attempt to leave compatible vegetation on the right-of-way, provided it will not hinder crew access for routine maintenance or emergency repairs
- Wood debris generated on manicured areas will be removed
- Stumps will be cut as low as possible with chainsaws and low volume government approved herbicide will be selectively applied around the base of the stumps to prevent regrowth
- Trees cut along the Bruce Trail and adjacent to the Red Hill Valley Parkway will be left for naturalization on the edge of the corridor for naturalization as per the request of City of Hamilton Forestry. Trail access and use will not be blocked.

# Property owner notification process

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- No public notification until key local officials (MPP, local councillors) have been briefed
- An information session with the Joint Stewardship Board to brief on the project
- An information open house for area residents will be held prior to the start of work
- Notices hand-delivered or mailed to affected and adjacent property owners in advance of the work
- Notices will indicate nature of the work, why it's important for the community, anticipated duration and hours of work, and contact information where residents may seek additional information
- Technicians will attempt to speak personally with:
  - Adjacent property owners
    - if access to private property is required to access the transmission corridor, or if a tree on private property must be trimmed or removed
    - where unauthorized plantings on the corridor

# Communication is key

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- Open and Transparent approach for Hydro One's shareholder, local elected officials and local distribution companies (Horizon Utilities).
- Communication with provincial agencies, municipal forestry and conservation authority staff, local elected officials and the Joint Stewardship Board to discuss work execution, communications plans and identify potential issues / solutions.
- Clear and timely notification to adjacent property owners and local ratepayer groups.
- Open and accessible - Hydro One contact information will allow questions and concerns to be addressed by the appropriate staff specialist in a timely manner.
- Respectful - emotions can run high if trees are being removed. Staff are sensitive and respectful of community concerns and will attempt to be flexible in addressing

# Area where encroachments exist

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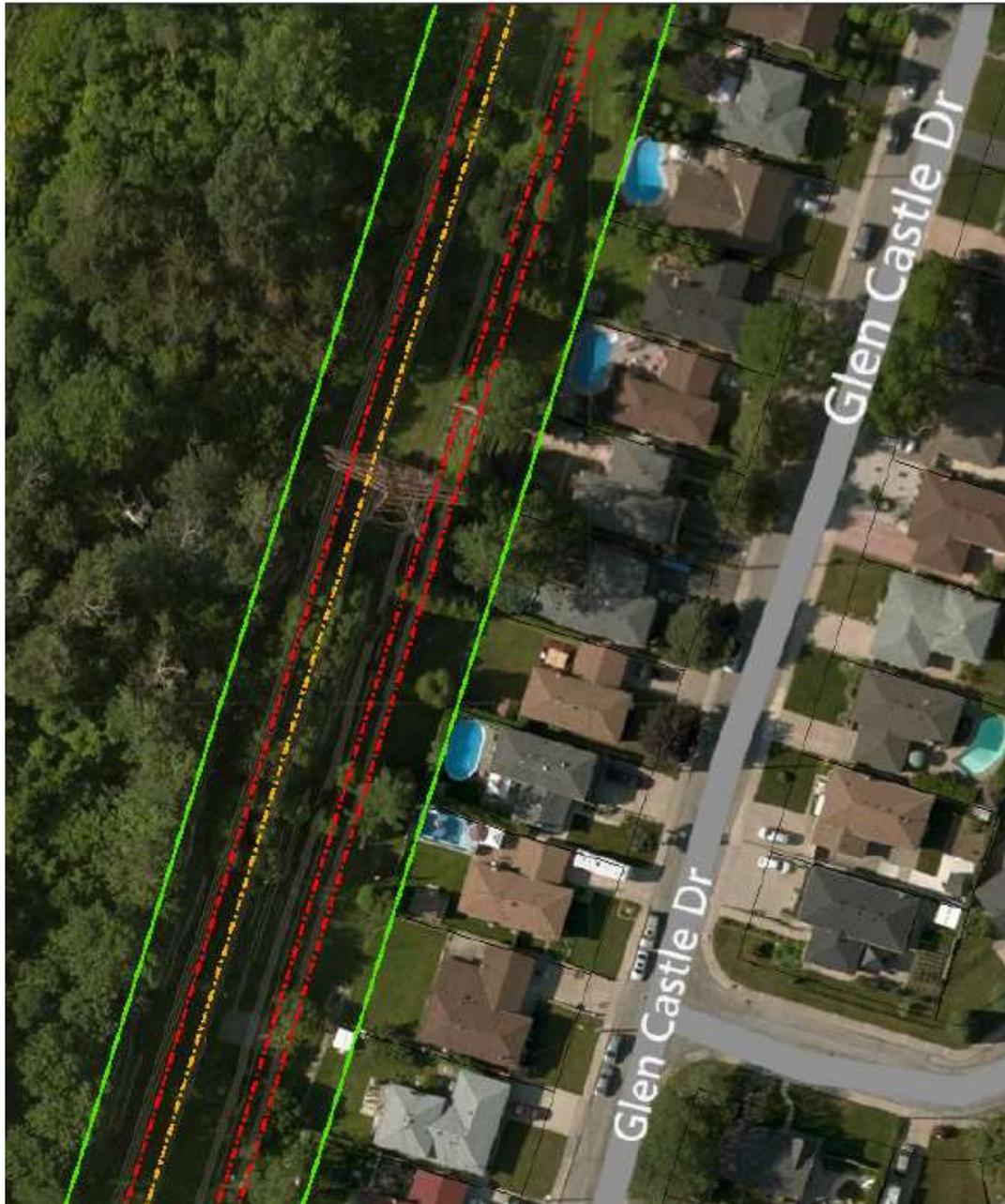


- Approximately 30 homes along Glen Castle Drive, Mount Albion Road and Forest Hill Crescent.

## Legend

- Red and orange lines are the  
115 kV and 230 kV  
circuits
- Green lines indicate  
Hydro One easement

## Zoomed in photo of encroachments



This is an example of one of many encroachments currently found on the hydro corridor.

### Legend

- Red and orange lines are the 115 kV and 230 kV circuits
- Green lines indicate