

Tree Inventory - Key Findings & Potential Effects



- The Tree Inventory Assessment Area is comprised of the Project Footprint plus any tree dripline that intersected with the plane of the area impacted.
- Over 3,800 trees and numerous vegetation units were inventoried during the fieldwork. Western portions of the Project Assessment Area had larger numbers of trees with agricultural land being more predominant than the urbanized eastern portion of the Project Assessment Area. Species in 15 tree families were observed plus one (1) large shrub family.
- Potential pure Butternut trees (a Species at Risk) are within the Project Footprint; genetic testing is planned to confirm whether the trees are pure Butternut or hybrid.

Project's Potential Effects

- Tree removal and damage to trees during construction, including soil compaction and root damage.
- Disturbance or displacement of wildlife during vegetation maintenance activities.



Butternut tree

Tree Inventory - Mitigation Measures



- An Arborist will be retained and appropriate measures will be carried out in the event that roots from retained trees are exposed or if it is necessary to remove limbs or portions of trees.
- Pruning of branches will be conducted through the implementation of proper arboricultural techniques.
- Tree Protection Zone fencing will be established.
- An Arborist Report will be prepared to meet appropriate regulatory requirements.
- Compensation and permitting/approvals (as required) will be undertaken in accordance with Metrolinx's Vegetation Guideline (2022) and subsequent amendments.
- Vegetation restoration and planting plans will be developed.
- Removals and trees designated for preservation must follow *Migratory Bird Convention Act* guidelines which outlines restrictions for conducting work during bird nesting season (April 1 to August 31).
- Upon completion of the tree removals, all felled trees are to be removed from the site. Any chipping, cutting or brush cleanup are to be completed outside of the restricted timing window, which will be routinely monitored by qualified individuals (i.e., wildlife biologists or ornithologists).
- Vegetation removal will be avoided and reduced to the extent possible and limited to Metrolinx properties and right-of-way (RoW).

Oshawa to Bowmanville Rail Service Extension

Thank You for Attending!

We appreciate the time you have taken to learn about the EPR Addendum, and we value your opinions. Please provide input online from **June 8 to June 21, 2023** via slido or by emailing DurhamRegion@metrolinx.com.

Let us know if you have questions or comments regarding:

- Project Assessment Area
- Existing conditions or potential environmental effects
- EPR Addendum and TPAP process
- A Notice of EPR Addendum is anticipated to be issued in Fall of 2023 where:
 - Final EPR Addendum and supporting technical documents will be made available for a 30-day review period
 - Following 30-day public review period, the Minister of Environment, Conservation and Parks (MECP) has 35 days to review
 - MECP will issue a notice allowing the proposed Project to proceed or a notice requiring further work to address concerns
 - Statement of Completion will be posted on the Metrolinx website

Stay involved with the Bowmanville Extension by reaching out to the Durham Community Engagement Team below:

- Email us at DurhamRegion@metrolinx.com
- Call us at (416) 202-3900
- Visit our website www.metrolinx.com/bowmanville

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