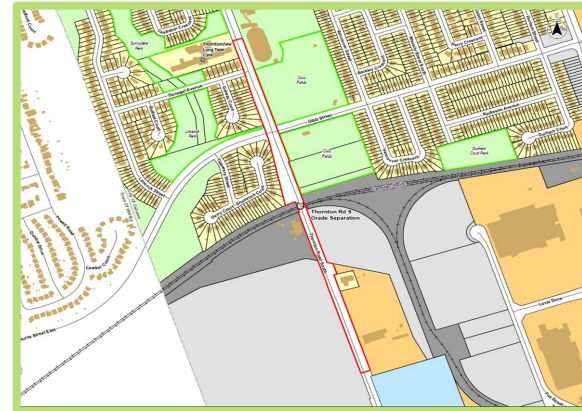


Socio-Economic and Land Use - Key Findings

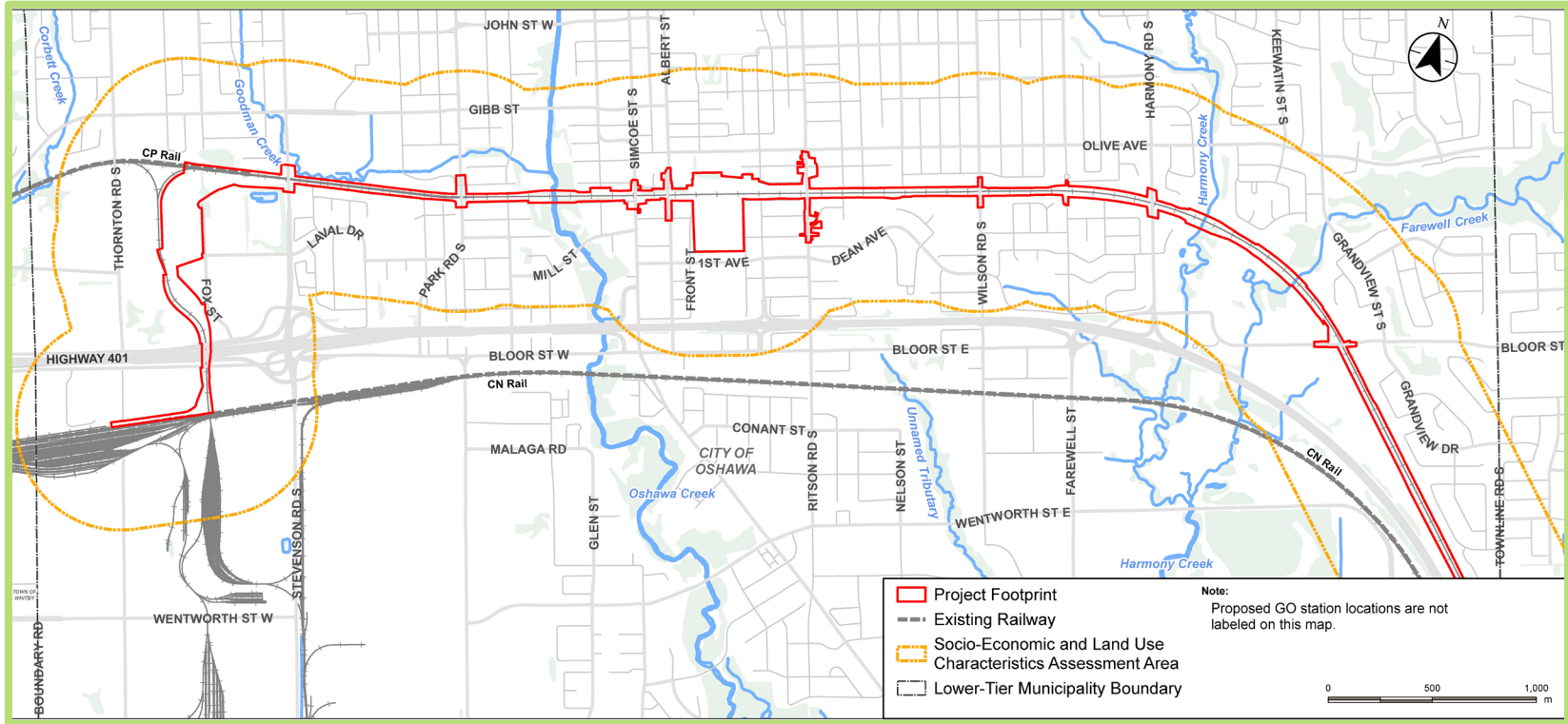


- The Socio-Economic and Land Use Characteristics Assessment Area is comprised of the Project Footprint plus an additional 500 metres from the perimeter of the Project Footprint.
- The Project will have long-term benefits to the Assessment Area through improved access to public transit.
- Land uses in the Assessment Area include neighbourhoods, core and general employment areas*, mixed-use areas, parks and natural areas, industrial and commercial areas, agricultural areas, institutional areas and utility corridors.
- The Assessment Area includes elementary and secondary schools, libraries, one major hospital, a provincial park, a Nuclear Generating Facility and community resources (community centers).
- All four proposed GO stations will be delivered through Metrolinx's Transit Oriented Community (TOC) Program.
- The configuration of the proposed GO stations will be confirmed as discussions with landowners and developers progress.



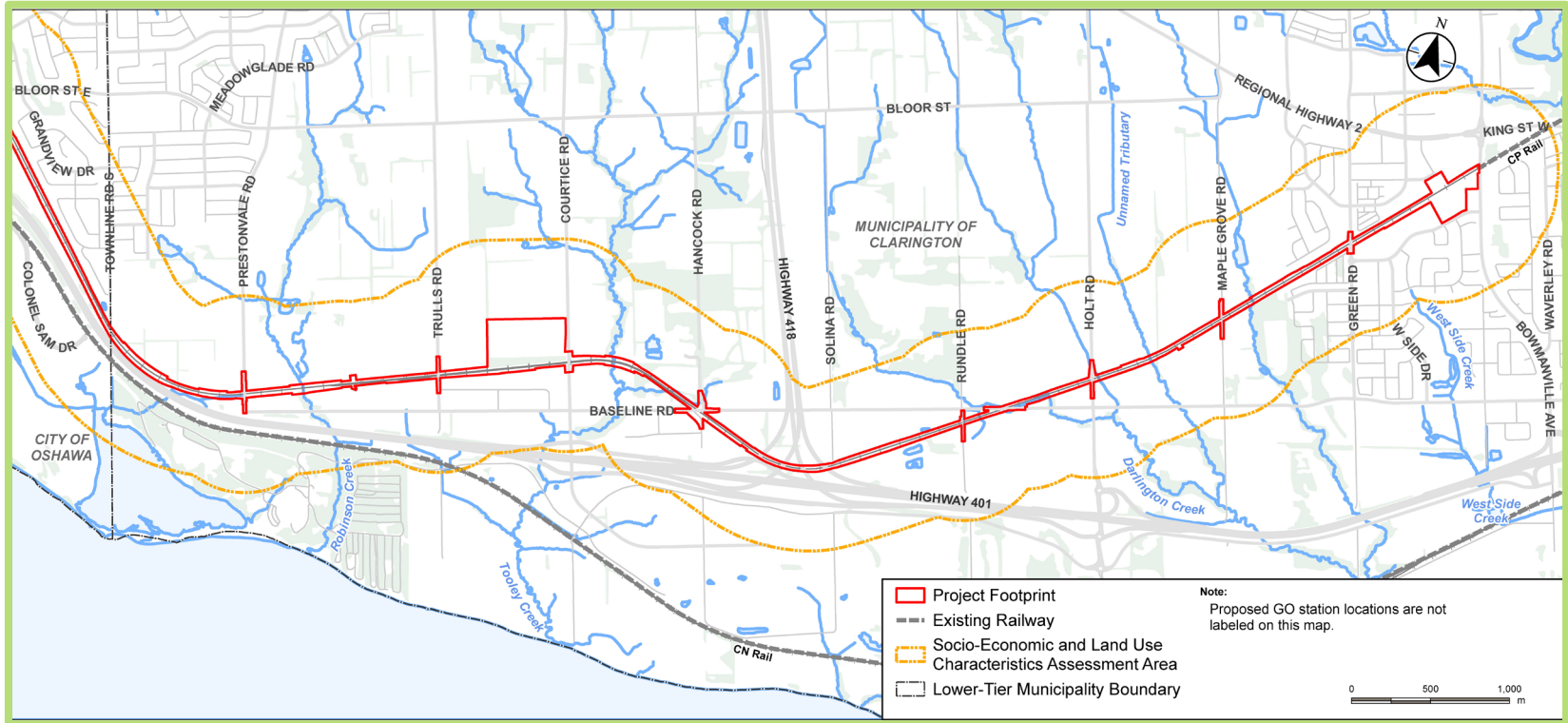
Oshawa to Bowmanville Rail Service Extension

Socio-Economic and Land Use - City of Oshawa Assessment Area



Oshawa to Bowmanville Rail Service Extension

Socio-Economic and Land Use - Municipality of Clarington Assessment Area



Socio-Economic and Land Use - Potential Effects



- Residential, institutional, and commercial properties may experience effects such as noise, vibration and fugitive dust.
- There may be a loss of privacy due to the increased number of workers and traffic within the Assessment Area and increased lighting required for construction activities.
- Sediment may be released onto neighbouring properties and adjacent roadways.
- Passengers at Durham College Oshawa GO Station and GO Transit Park & Rides at Courtice Road and Bowmanville Avenue may be temporarily inconvenienced as parking facilities are reduced and vehicular and pedestrian access is temporarily altered or relocated.
- Temporary service interruptions related to utility relocations including communication cables, fibre optic cables, gas, hydro, sewer lines and water mains.
- Proposed retaining walls and noise barriers will affect sightlines of nearby properties.
- The four proposed GO stations and some bridges will be more visually prominent than the existing site conditions and surrounding land uses.
- There is a potential for spills or releases from machinery and equipment to nearby highly vulnerable aquifers, as well as potential for road salt contamination.
- There is a potential for access effects related to lack of sightlines when traversing the multi-use crossing tunnel at Front Street (Michael Starr Trail).

Socio-Economic and Land Use - Potential Property Effects



Specific property requirements and effects will be determined as design progresses.

- Permanent and temporary property acquisitions:
 - Property needed for staging/laydown areas
 - Metrolinx acquisition of property
- Land use and access disruption:
 - Traffic (including vehicular, pedestrian and cyclists) will be re-routed along alternative existing routes.
 - Closure of Albert Street bridge during removal to support construction of new tracks.
- Potential for safety concerns based on visual distractions and sight lines associated with detours and land use restrictions for construction.
- Proposed GO Transit rail service may result in increased frequency and magnitude of noise, vibration and/or dust effects to properties adjacent to the rail corridor.
- Operational activities at the four proposed GO stations have the potential to increase noise, vibration, dust, light and traffic.
- Noise from train whistling, idling vehicles and crossing signals will increase at at-grade crossings.
- Safety concerns related to the proposed multi-use crossing at Front Street (Michael Starr Trail).

Socio-Economic and Land Use - Mitigation Measures



- To address the potential effects on property acquisitions and easements, ongoing consultation with landowners will be maintained when access to property is required.
- A Communications Protocol will be developed indicating how and when surrounding property owners and tenants will be informed of upcoming construction.
- Construction schedule delays will be avoided to the extent possible to limit the duration of construction and corresponding visual effects.
- Construction will comply with all applicable municipal and provincial bylaws and legislation for lighting areas near highways, roadways and residential areas.
- To address the potential effects on utilities, a detailed Utility Infrastructure Location Plan will be developed and implemented to protect, support, safeguard, remove and relocate all utility infrastructure.
- A Complaints Protocol will be implemented to address the potential effects of operational inconvenience and community concerns.
- Winter maintenance activities will be undertaken by persons who are certified by Smart About Salt, and best management practices for salt and snow.
- To address the concerns related to the proposed multi-use crossing at Front Street (Michael Starr Trail), the Crime Prevention Through Environmental Design* principles will be implemented.

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

Oshawa to Bowmanville Rail Service Extension

