

Capital Projects Progress Winter 2021

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RUTHERFORD ROAD UNDERPASS

OPENED TO THE PUBLIC JANUARY 2022



HURONTARIO LRT

PUSH BOX WORK AT PORT CREDIT



Yonge North Subway Extension

Archaeology



Key Findings

- Most of the Study Area does not retain archaeological potential.
- Areas that retain archaeological potential include a portion of Hendon Park, north of Hendon Avenue; a parking lot located at the southeast corner of Yonge Street and Newton Drive; sections of grassed areas associated with residential properties south of Steeles Avenue East and east of Yonge Street; sections of grassed areas at 7994 and 8000 Yonge Street; and the section of Royal Orchard Park between Bay Thorn Drive and Thorny Brae Drive.
- Where archaeological potential is present and disturbance is anticipated, further archaeological assessment(s) will be completed prior to construction. The assessment(s) may include test pit surveys and deeply buried investigative techniques, such as mechanical topsoil removal, mechanical trenching, and, if required, construction monitoring.

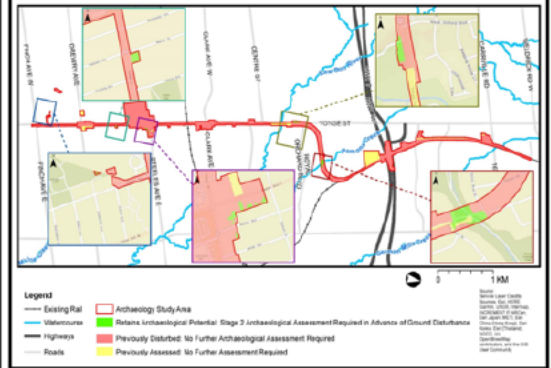


Figure 1: Stage 1 Archaeological Assessment Results

Ontario Line Environmental Impact Assessment Report

Traffic & Transportation



Key Findings

- The Study Area includes a substantial road network and is served by both local and regional transit networks through a range of train, subway, streetcar and bus options, including the TTC, GO Transit and VIA Rail commuter lines. Freight trains operated by Canadian National Railway and Canadian Pacific Railway are also present.
- An active transportation network is present across the Study Area including major multi-use pathways, minor multi-use pathway connecting trails, sidewalks, and on-street bike lanes.
- A new multi-use trail will be constructed as a result of the Ontario Line.
- Planned mitigation measures will permanently enhance the downtown streetcar network.
- During construction, lane restrictions/closures, travel time delays, realignment of sidewalks and bike lanes, and rail service restrictions will be temporary and reduced with appropriate mitigation measures (See Potential Effects & Mitigation Measures).



Image: Active transportation system. Source: HDR 2021



Image: University Avenue and Queen Street West, looking east. Source: Stantec 2021

Yonge North Subway Extension

Soil and Hydrogeology/Groundwater



Key Findings

- Construction activities, including tunnel construction and excavations at the launch, extraction shafts, below grade stations and emergency exit buildings will extend below the groundwater table but construction methods will be selected to minimize construction dewatering.
- Where groundwater is extracted, the groundwater will be treated, as required, to meet the relevant municipal sewer discharge by-laws.
- The potential for groundwater impacts will be further reviewed and documented in the Soil and Groundwater Management Strategy to be developed prior to construction, and appropriate mitigation measures implemented during construction (see Potential Effects & Mitigation Measures).



Figure 1: YNSE Geotechnical Investigations

Ontario Line Environmental Impact Assessment Report

Natural Environment



Key Findings

- The Study Area is largely urbanized with very limited naturalized areas providing low-quality habitat for urban wildlife.
- There are no Provincially Significant Wetlands, Locally Significant Wetlands or provincially significant Areas of Natural and Scientific Interest in the Study Area.
- The Don River in the Study Area provides fish habitat important for migration, feeding, and refuge.
- The following species at risk have a high probability of occurring in the Study Area: Barn Swallow, Chimney Swift, American Eel, and Butternut.
- The following species at risk have a medium probability of occurring in the Study Area: Eastern Small-footed Myotis, Little Brown Myotis, Northern Long-eared Myotis, Tri-coloured Bat, and Bank Swallow.
- The following species at risk have a low probability of occurring in the Study Area: Bobolink, Eastern Meadowlark, and Blanding's Turtle.



Image: Barn swallow (Hirundo rustica). Source: Malene Thyssen



Image: E.T. Seton Park. Source: My Amazing Canada 2020

FINCH WEST LRT

PROGRESS AT HWY 27 PORTAL



UNION STATION ENHANCEMENT PROJECT

ALLIANCE AGREEMENT EXECUTED



SCARBOROUGH SUBWAY EXTENSION

REQUEST FOR PROPOSALS RELEASED FOR STATIONS, RAIL AND SYSTEMS



SCARBOROUGH CENTRE

GO EXPANSION EARLY WORKS

REMAINING PROJECTS MOVING FROM
PROCUREMENT TO CONSTRUCTION

