

Ontario Line

Exhibition Station Early Works

Meeting Date: February 19, 2021



Infrastructure
Ontario

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Tourism generates over \$10 billion annually in Toronto & supports 69,950 jobs

27.5 million people visit Toronto annually & spend over \$6 billion



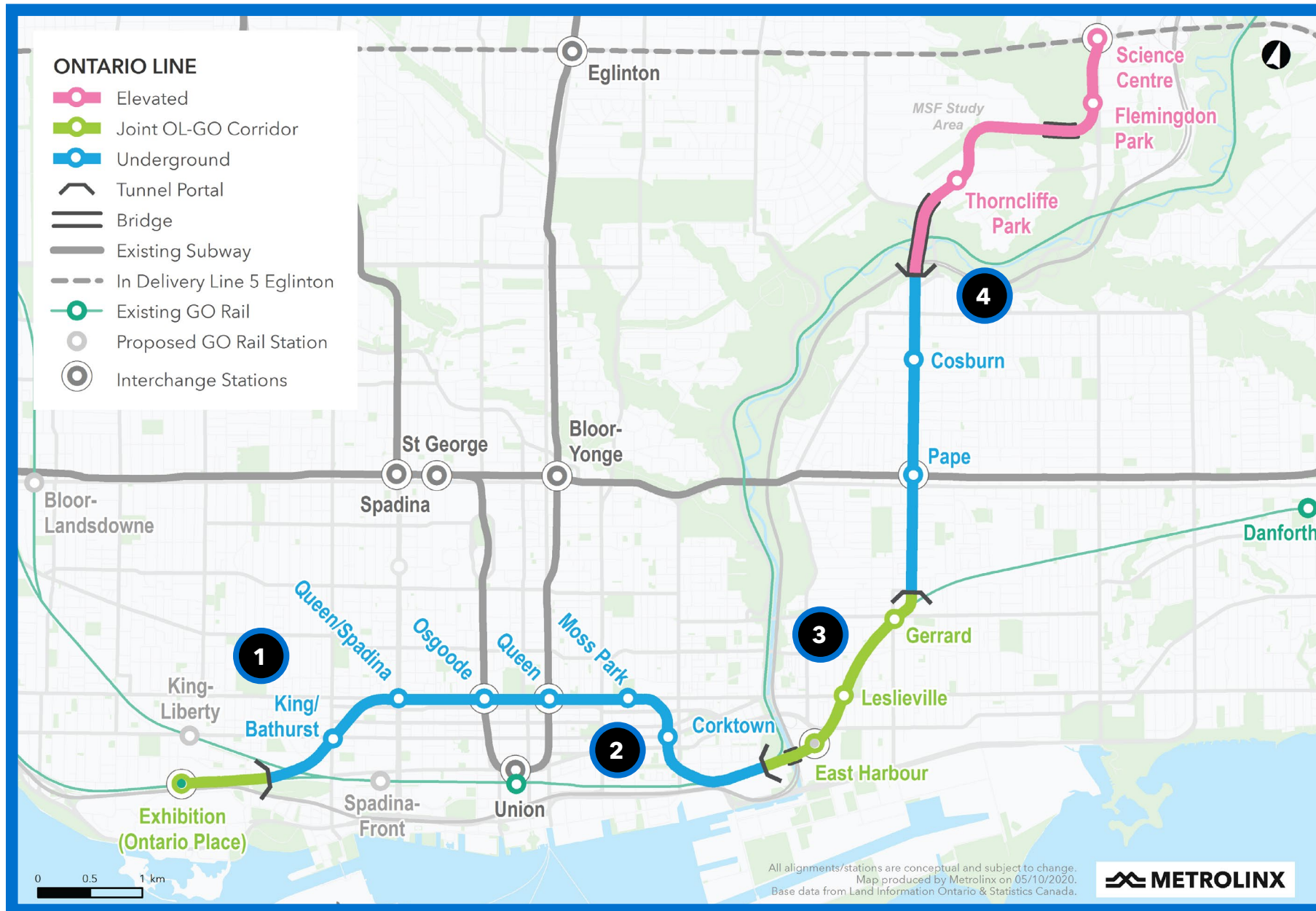
Exhibition Place generates \$500 million of Economic Impact for Toronto

The 192-acre site is an integral part of Toronto and Ontario's economy

Canada's largest year-round entertainment and convention site, attracting over 5.5 million event visitors a year, plus additional 3.5 million people use the grounds on a yearly basis totalling over 9 million guests



The Ontario Line



- 1 West**
(Exhibition to Queen/Spadina)
- 2 Downtown**
(Osgoode to Don Yard)
- 3 East**
(East Harbour to Pape South)
- 4 North**
(Pape to Science Centre)



**15.5 kilometres
long**



15 stations

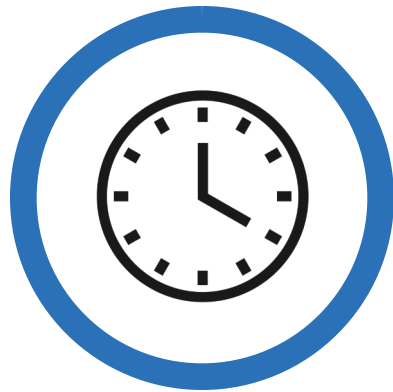


**389,900 daily
boardings**



**17 connections
to other transit
options**

- 3 GO Lines
- 4 connections to Line 1, 2 and 5 (Eglinton Crosstown)
- Connections to streetcar lines at 10 Ontario Line stations



**As frequent as
every 90 seconds**



**154,000 more people
within walking
distance to transit**



**53,000 more jobs
accessible in 45 minutes or
less for Toronto residents**

What are the procurement packages?

Rolling Stock, Systems, Operations and Maintenance (RSSOM)



- Design, build, operate and maintain trains
- Design, build, operate and maintain track, communications, train control systems, and maintenance and storage facility
- The TTC will be responsible for day-to-day operations as they relate to customer-facing activities such as fare enforcement and network transit control

Southern Civil, Stations and Tunnel



- One above-ground station integrated with existing GO Transit Exhibition station
- Two underground stations integrated with existing TTC Osgoode and Queen stations
- Four new underground stations (King/Bathurst, Queen/Spadina, Moss Park, Corktown)
- A six-kilometre tunnel

Northern Civil, Stations and Tunnel



- Seven stations
- A three-kilometre tunnel
- Two portals
- Bridges
- Elevated guideways

Early Works Contracts



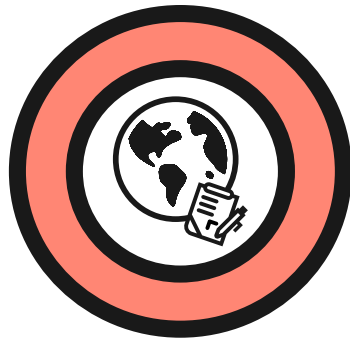
- Bridge, track and other preparatory activities along the joint rail corridor where the Ontario Line will operate next to existing GO Transit rail services, including at Exhibition Station

Early Works Environmental Assessment Process

The early works environmental assessment process for Exhibition Station identified environmental impacts, mitigation measures and monitoring activities for the following environmental components:



Archaeological Resources



Built Heritage Resources &
Cultural Heritage Landscapes



Noise & Vibration



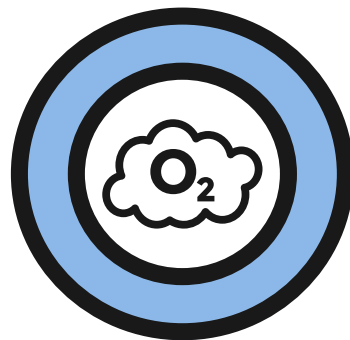
Natural Environment



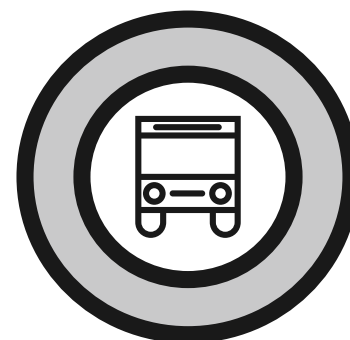
Hydrology &
Surface Water



Socio-Economic & Land
Use Characteristics



Air Quality

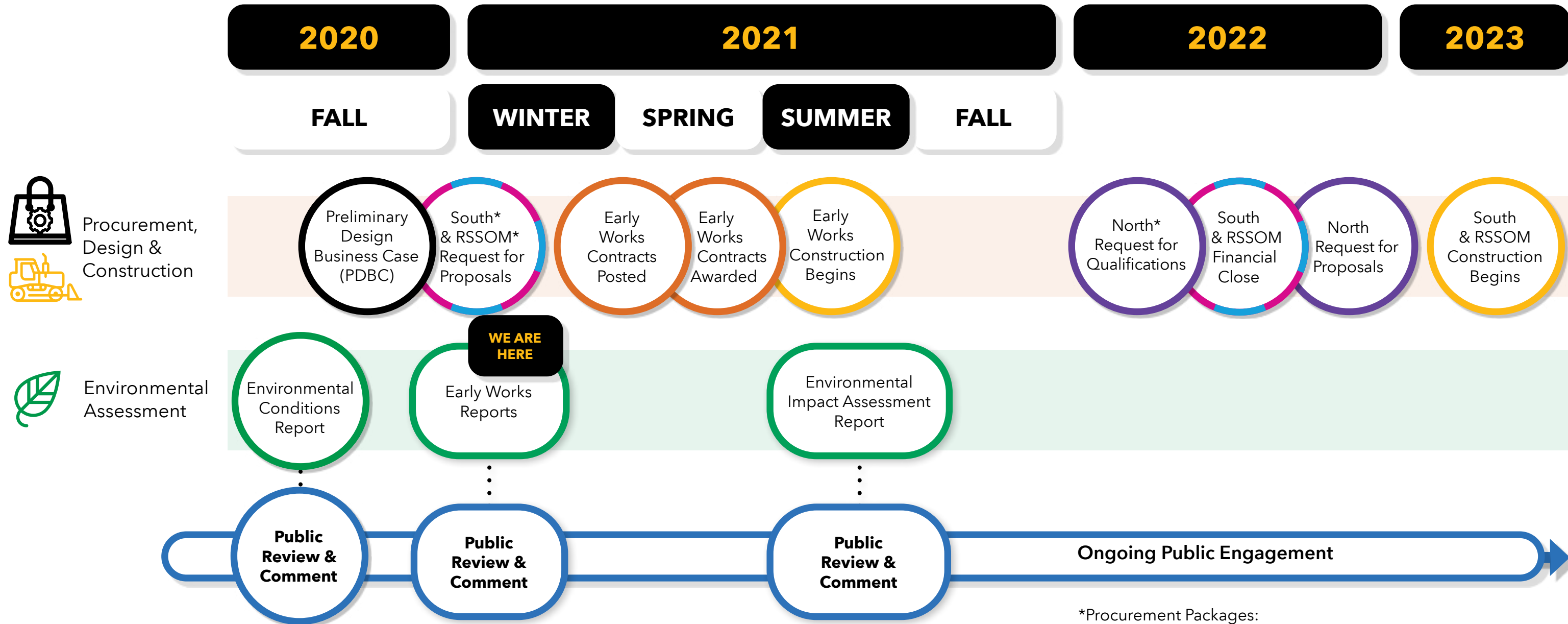


Traffic & Transportation



Soil & Groundwater

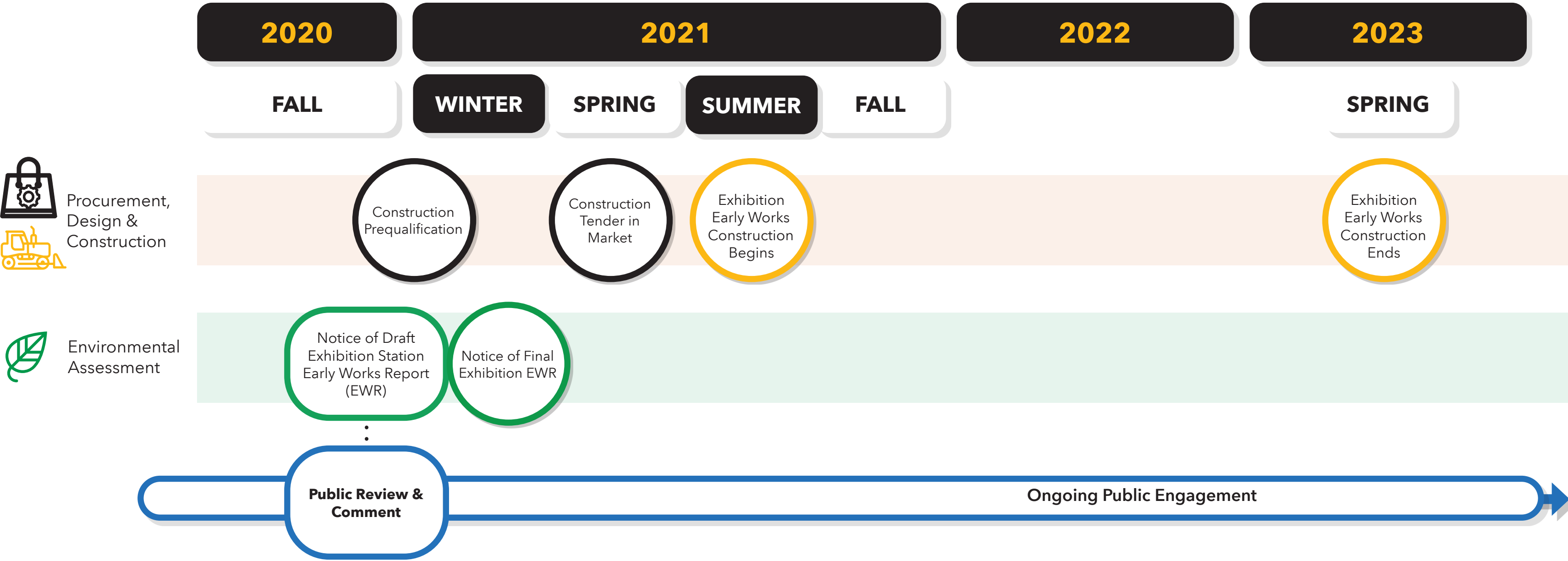
Ontario Line Project Timeline



Timelines are subject to change

- *Procurement Packages:
- RSSOM - Rolling Stock, Systems, Operations and Maintenance
 - South - Southern Civil, Stations and Tunnel
 - North - Northern Civil, Stations and Tunnel

Exhibition Station Early Works Construction Timeline



Timelines are subject to change

Early Works



Ontario Line trains will be above ground at Exhibition Station, which currently accommodates GO Train and VIA rail services as well as freight rail operations. Since [GO Expansion Plans](#) call for more GO train services at Exhibition Station, Metrolinx is carrying out early works for the Ontario Line in this area to ensure both of these important transit expansion projects are properly coordinated and completed in a timely manner.

These early works will set the groundwork for other major construction on the Ontario Line project, reducing risk of construction delays to the main P3 contracts by completing the joint corridor work in advance of the main contracts.

The Exhibition Station Early Works Report outlines the purpose of early works, a description of local environmental conditions, potential impacts and proposed mitigation measures.

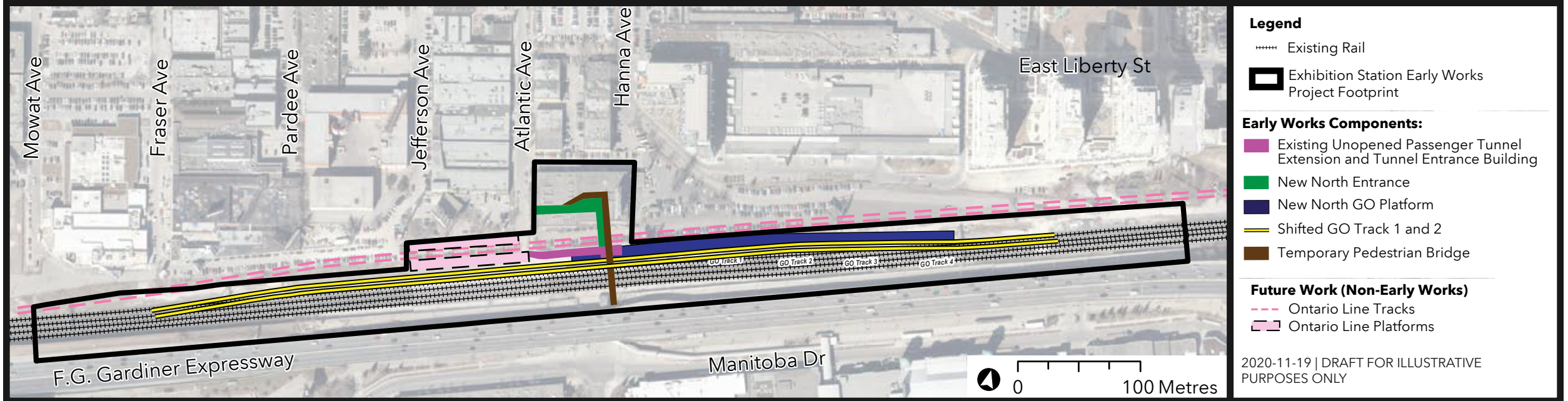
The Final Exhibition Station Early Works Report is available for review [here](#).



Image:
Eastward view of the rail tracks and northern platform of Exhibition GO Station.



Image:
Westward view of the rail tracks and southern platform of Exhibition GO Station.



Legend

- Existing Rail
- Exhibition Station Early Works Project Footprint

Early Works Components:

- Existing Unopened Passenger Tunnel Extension and Tunnel Entrance Building
- New North Entrance
- New North GO Platform
- Shifted GO Track 1 and 2
- Temporary Pedestrian Bridge

Future Work (Non-Early Works)

- Ontario Line Tracks
- Ontario Line Platforms

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Existing Unopened Passenger Tunnel Extension and Tunnel Entrance Building:

An existing out of service passenger tunnel extension and station entrance will be opened. This newly opened tunnel and entrance with a walkway to Atlantic Avenue will be in service until the new north entrance is completed. The existing platform access at the bottom of Atlantic Avenue will be removed to accommodate construction of the new north GO platform and the GO Track 1 shift. Once the new north entrance is open, the Atlantic Avenue walkway will close and the tunnel extension and vertical access will continue to provide passenger access.

New North Entrance: The existing passenger tunnel will be extended north and the new north entrance will be constructed to provide continuous access to the station throughout construction, including future Ontario Line work.



Pedestrian Bridge:

Installation of a temporary pedestrian bridge spanning the rail corridor will provide additional access capacity to reach station platforms and enhance cross-corridor access for trips to and from Liberty Village. The bridge will also reduce potential congestion in the existing tunnel during special events at Exhibition Place and/or Ontario Place. The bridge will stay in place until the Ontario Line is in operation.



Platforms and GO Tracks:

The new north platform will service GO trains temporarily. GO trains will run on the shifted GO Track 1. Once the Ontario Line station is constructed, the western portion of the new north platform will form part of the joint GO-Ontario Line platform, and the eastern portion will be removed. GO trains will continue to run on Track 1, and stop at the new joint GO-Ontario Line platform. The joint platform will allow people transferring from the Ontario Line to the GO Train to walk straight from one to the other without having to go up or down a level. Shifting GO Track 2 will minimize potential impacts to the rail corridor operations from future Ontario Line and GO Expansion work.



Engagement

- Meetings with Exhibition Place staff and leadership on December 7 and 21, 2020
 - Final Early Works Report released February 1, 2021, which incorporated feedback from consultation period
- Meetings with Exhibition Place stakeholders, including tenants, shows and events on January 20 and 27, 2021
 - Commitment to ongoing engagement and working closely with Exhibition Place staff to avoid or mitigate any impacts to events
- Ongoing discussions between Metrolinx, Exhibition Place, TTC and City of Toronto through the Transit Expansion Office to coordinate work plans and review station concourse designs

Next Steps

- Design of station concourse
- Ongoing engagement as Early Works construction plans are developed
- Continuing collaboration between Metrolinx, Exhibition Place, TTC and the City of Toronto
- Ontario Place Connection study

Ontario Place Connection

Project Objectives:

- Identify a full spectrum of ‘last-mile’ connection solutions to connect Exhibition Station to Ontario Place, which could act as attractions in their own right.
- As such, the study will not identify a single preferred solution, but will present a broad range of costed transportation options for government’s consideration and information.
- Move plans forward in 2021 in order to best integrate with Ontario Line timelines.

Timeline:

- Phase 1: Option Generation – **Currently being finalized**
- Phase 2: Stakeholder Engagement – **to begin spring 2021**

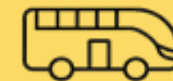


* Early estimate and is subject to change depending on final tenancy and build-out of the Ontario Place site.

Connection Solutions Considered:



Linear Park/Greenways
(Active Transportation Improvements)



Shuttle Buses



TTC Bus and Streetcar
Extensions



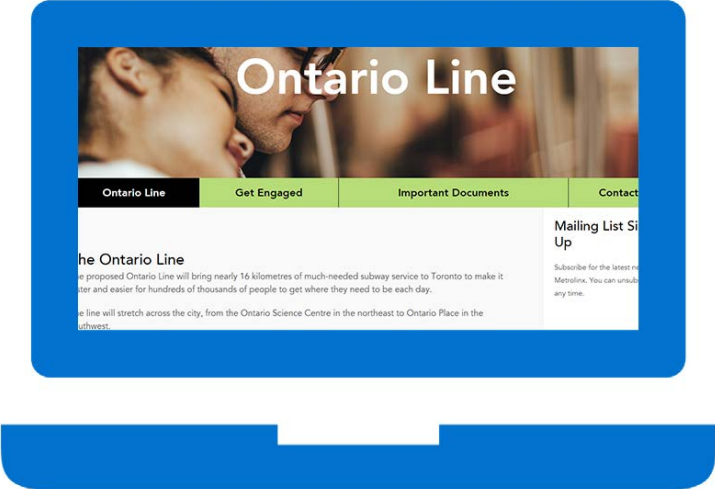
AV Shuttles



Cable Car / Gondolas



Automated
People Movers



[Metrolinx.com/OntarioLine](https://metrolinx.com/OntarioLine)