

Ontario Line

West Segment

Land acknowledgement

Metrolinx wishes to recognize that it operates on the traditional territories of the Anishnabeg, the Haudenosaunee and the Wendat Peoples.

In particular, we acknowledge that the Ontario Line project takes place on Treaty 13 territory with the Mississaugas of the Credit First Nation.

We acknowledge that Metrolinx operates on these lands and has a responsibility to work with the original keepers of this territory and the many diverse Indigenous Peoples living here today.

Metrolinx remains committed to engaging with Indigenous Peoples and Nations on the Ontario Line project.

Safety moment

Mental health is just as important as physical health. If you or someone you know needs help, you can access the following resources:

- ConnexOntario Helpline:
 - (Toll-Free) 1-866-531-2600
 - Live web chat and email also available
- 211 Ontario:
 - Call 2-1-1
 - Live web chat and email also available
- BounceBack:
 - (Toll-Free) 1-866-345-0224

In an emergency or if someone is in immediate danger, please call 911 or go to the nearest hospital or emergency room.

**Making
community-based,
virtual and online
mental health and
addictions supports
more available**



Introduction to panel



Richard
Tucker

Ontario Line
Project Director



Malcolm
MacKay

Ontario Line
Project Sponsor



Susan
Lin

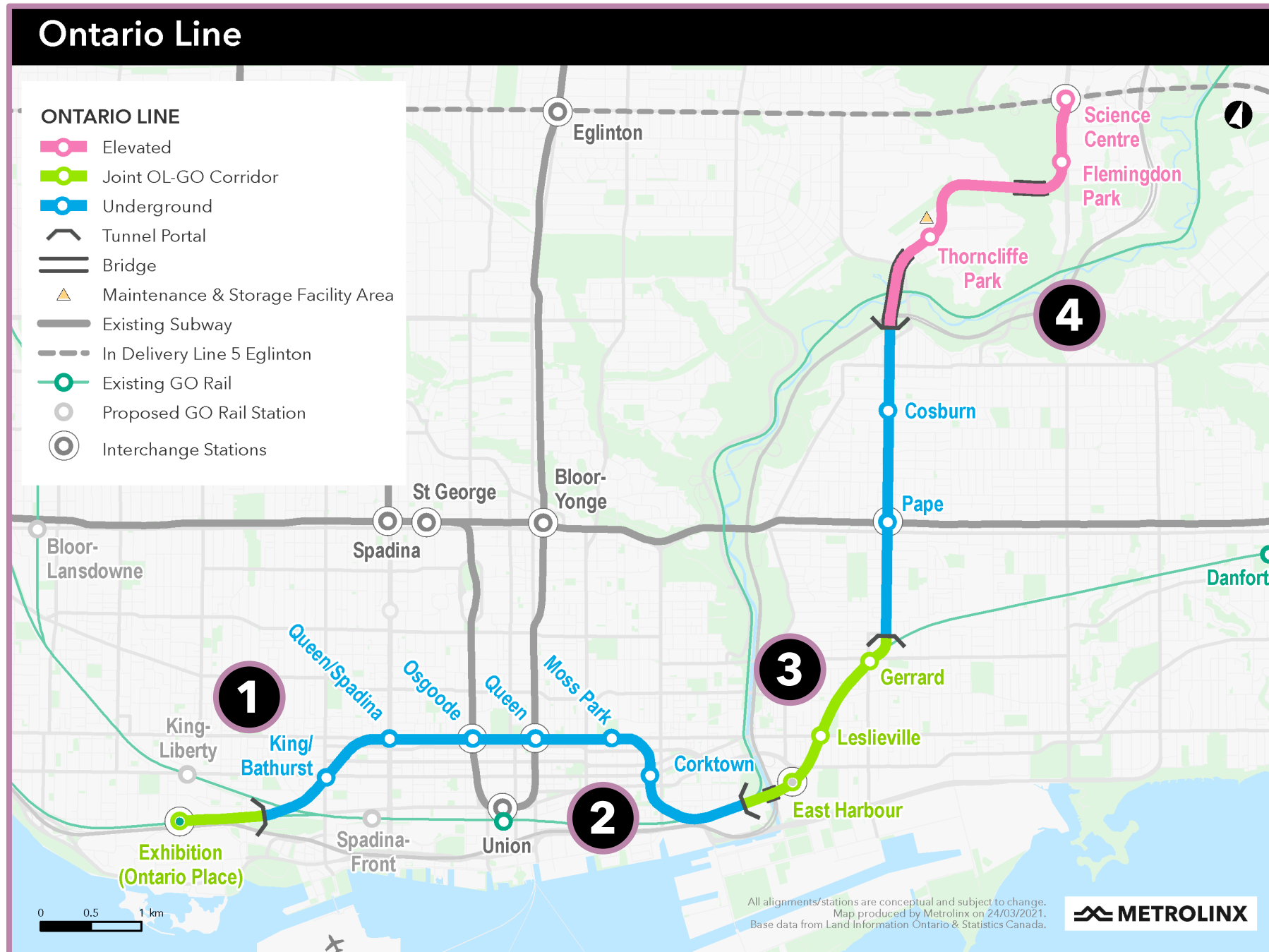
Manager,
Property Team



James
Francis

Manager, Environmental
Programs and
Assessment

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)



15.6 kilometres



15 stations



388,000 daily boardings



Every 90 seconds during rush hour



40+ connections to other transit options



255,000 more people within walking distance to transit



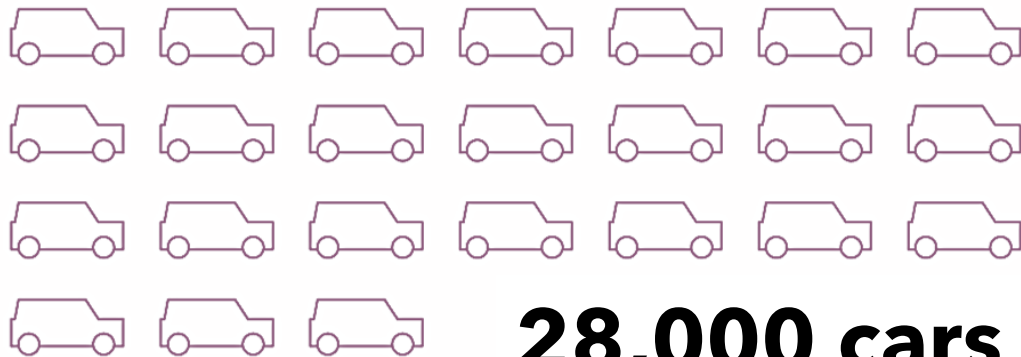
Up to 47,000 more jobs accessible in 45 minutes or less, on average


Faster commutes

Travel times between Exhibition Place and the Ontario Science Centre



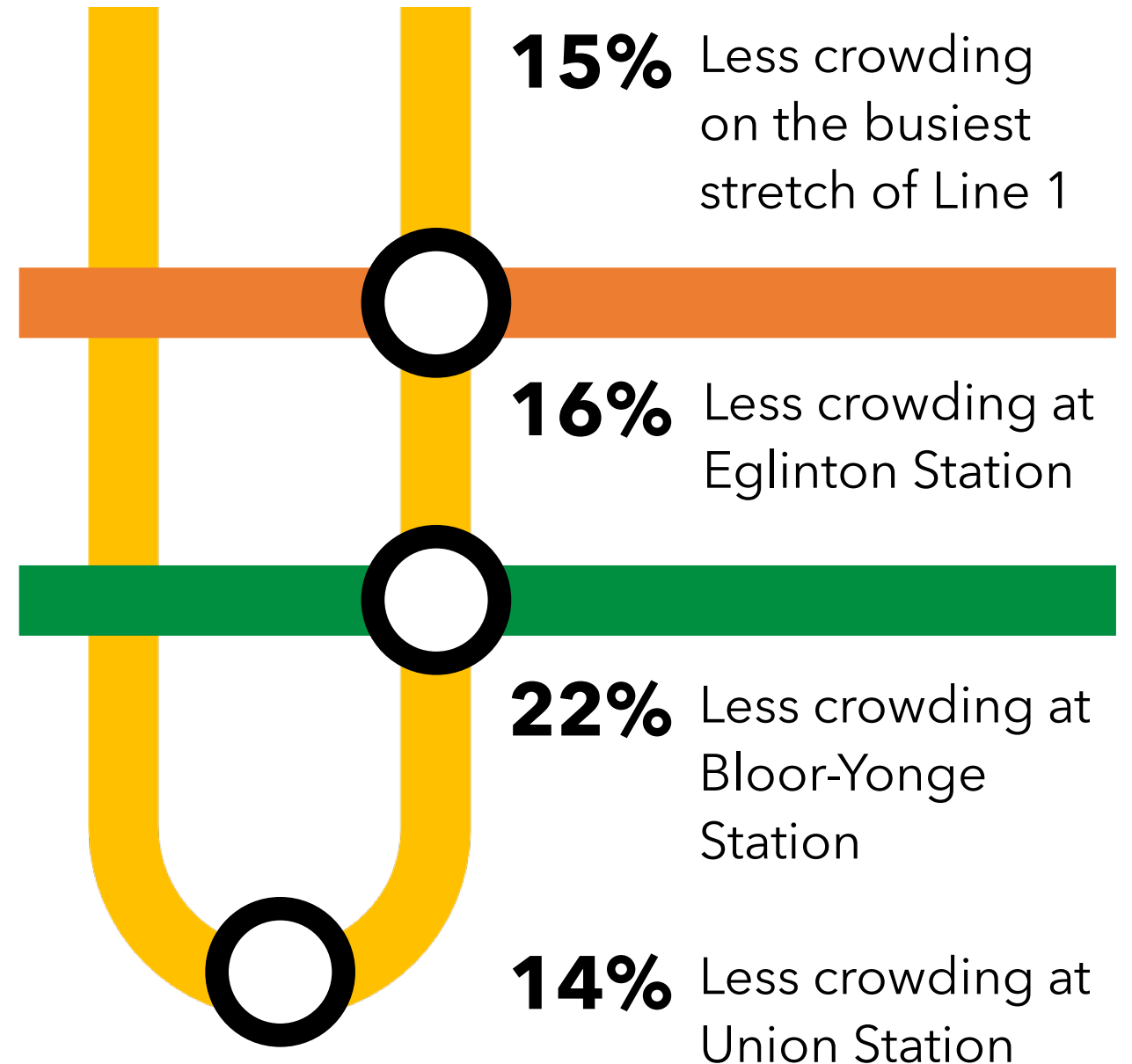
Less pollution



 = 1,000 cars

taken off the road

Less crowding



Environment

Environmental Conditions Studies



Archaeological Resources



Built Heritage Resources & Cultural Landscapes



Noise & Vibration



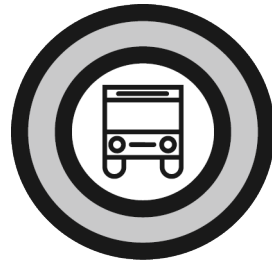
Natural Environment



Socio-Economic & Land Use Characteristics



Air Quality



Traffic & Transportation



Soil & Groundwater

Environmental Reports



Environmental Conditions Report

Impact Assessment



Early Works Reports



Environmental Impact Assessment Report

Ontario Line features

- Electric, automated (driverless) trains for a quieter, smoother ride with no additional emissions
- Train doors will automatically open and close in sync with platform edge doors



Example platform doors in Japan and Copenhagen

What are the procurement packages?

Rolling Stock, Systems, Operations and Maintenance (RSSOM)



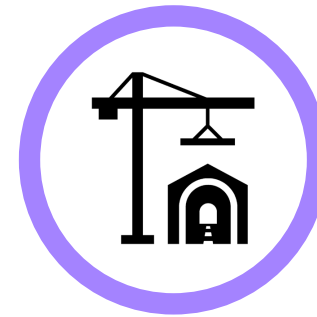
- Design, build, operate and maintain trains
- Design, build, operate and maintain track, communications, train control systems, and maintenance and storage facility
- The TTC will be responsible for day-to-day operations as they relate to customer-facing activities such as fare enforcement and network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

Northern Civil Stations, and Tunnel



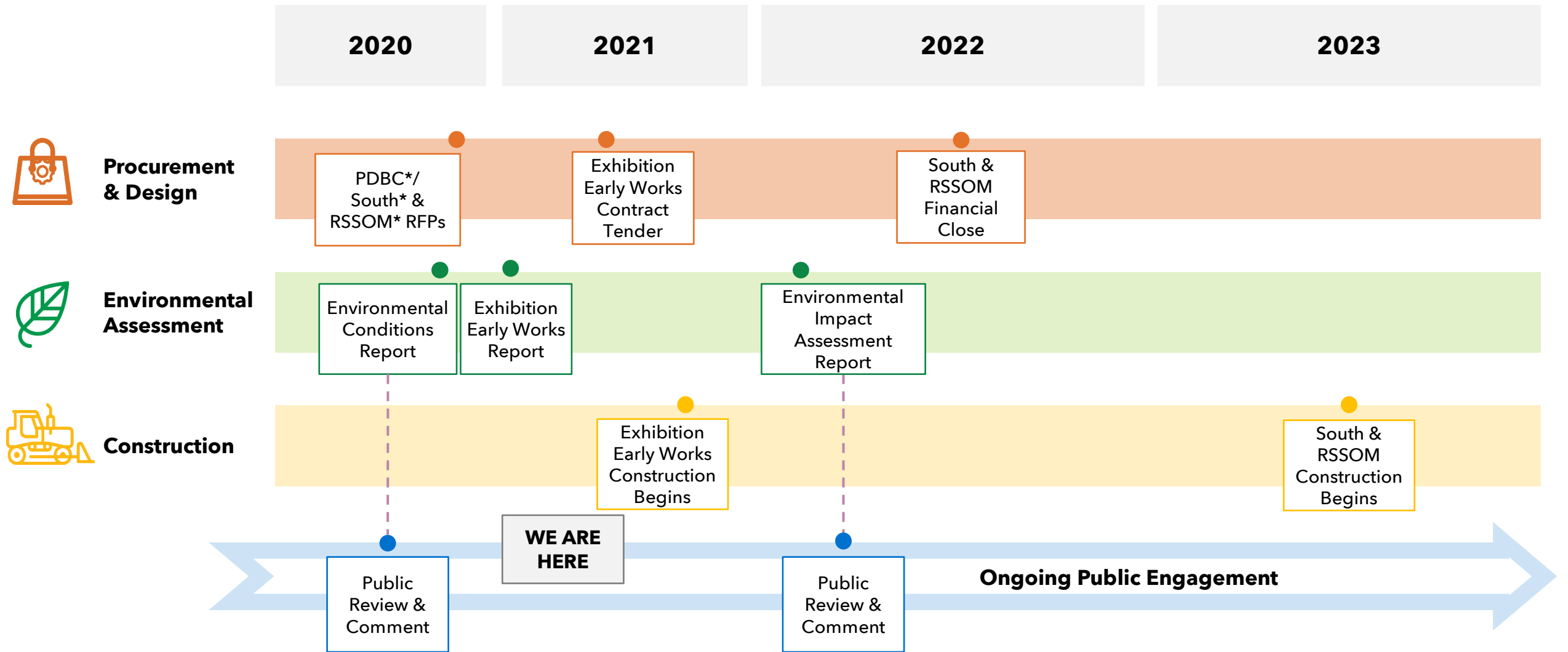
- Seven new stations
- A three-kilometre tunnel
- Two portals
- Bridges
- Elevated guideways

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

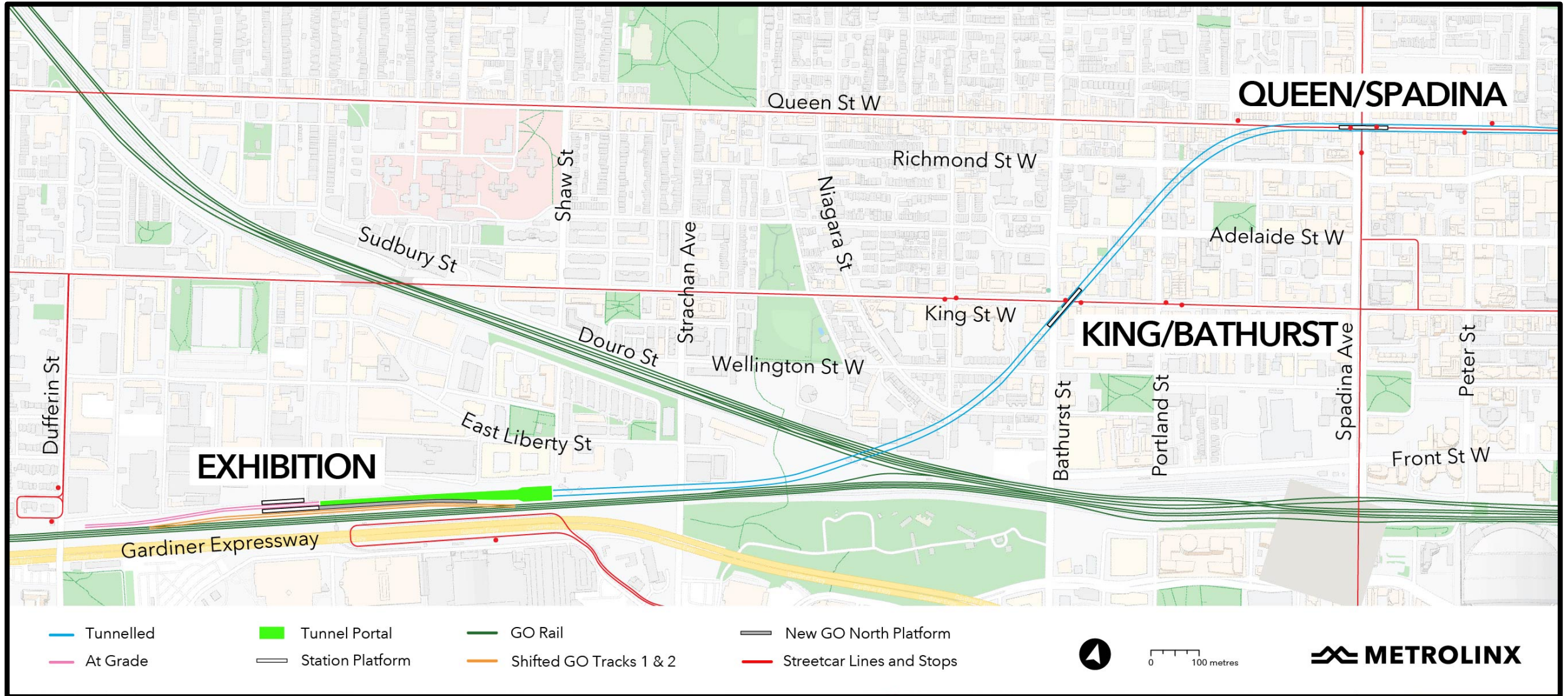
Timeline (West Segment)



Timelines are subject to change

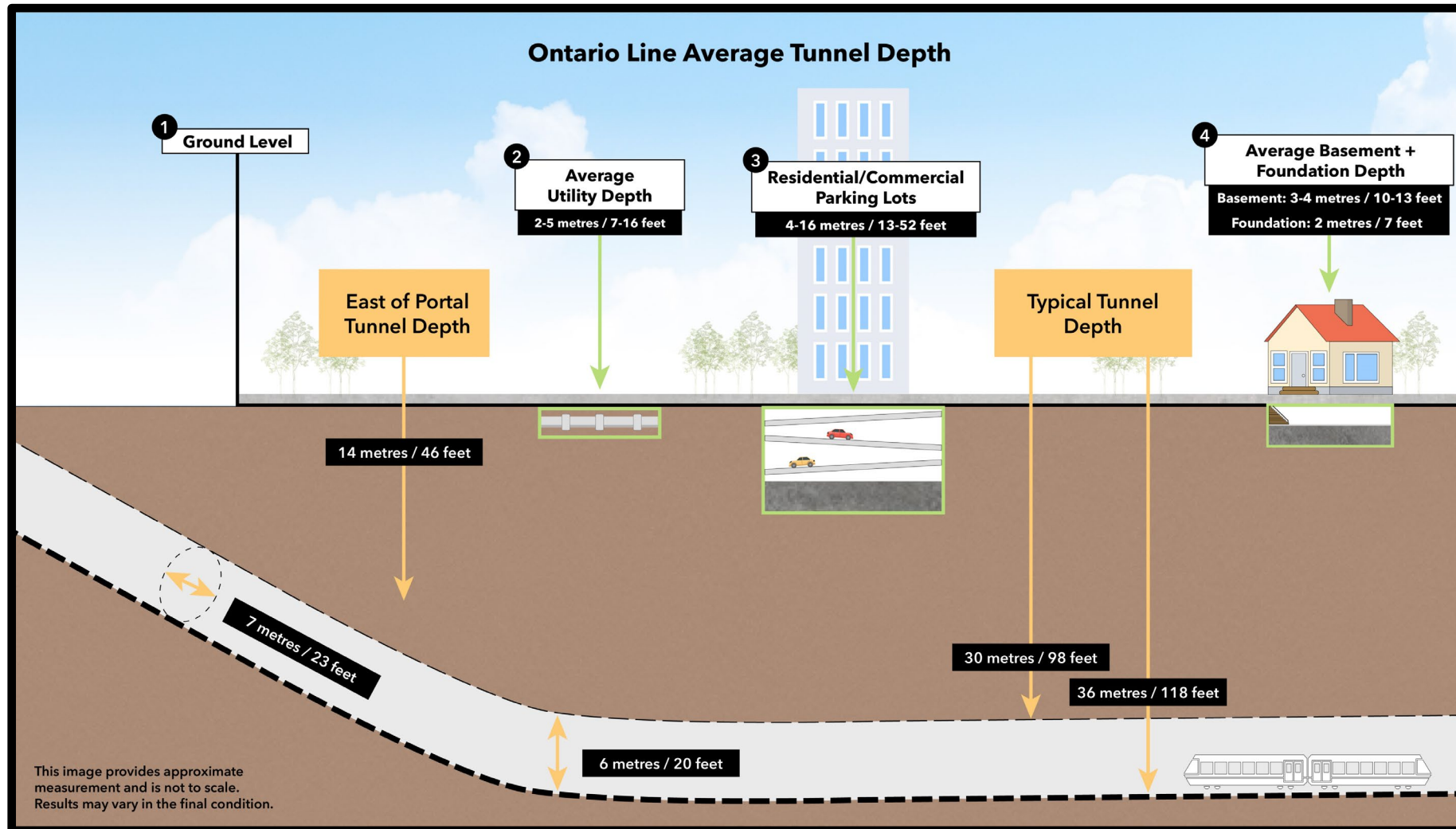
*PDBC: Preliminary Design Business Case
 *South: Southern Civil, Stations and Tunnel procurement package
 *RSSOM: Rolling Stock, Systems, Operations and Maintenance procurement package

West Segment



Project plans updated to fit the tunnel portal exclusively within the rail corridor.

How deep will the Ontario Line tunnels be?



- Ontario Line tunnels will be up to 30 metres deep to avoid conflicts with utilities and underground structures.
- This also means less vibration for residents and businesses.

Exhibition

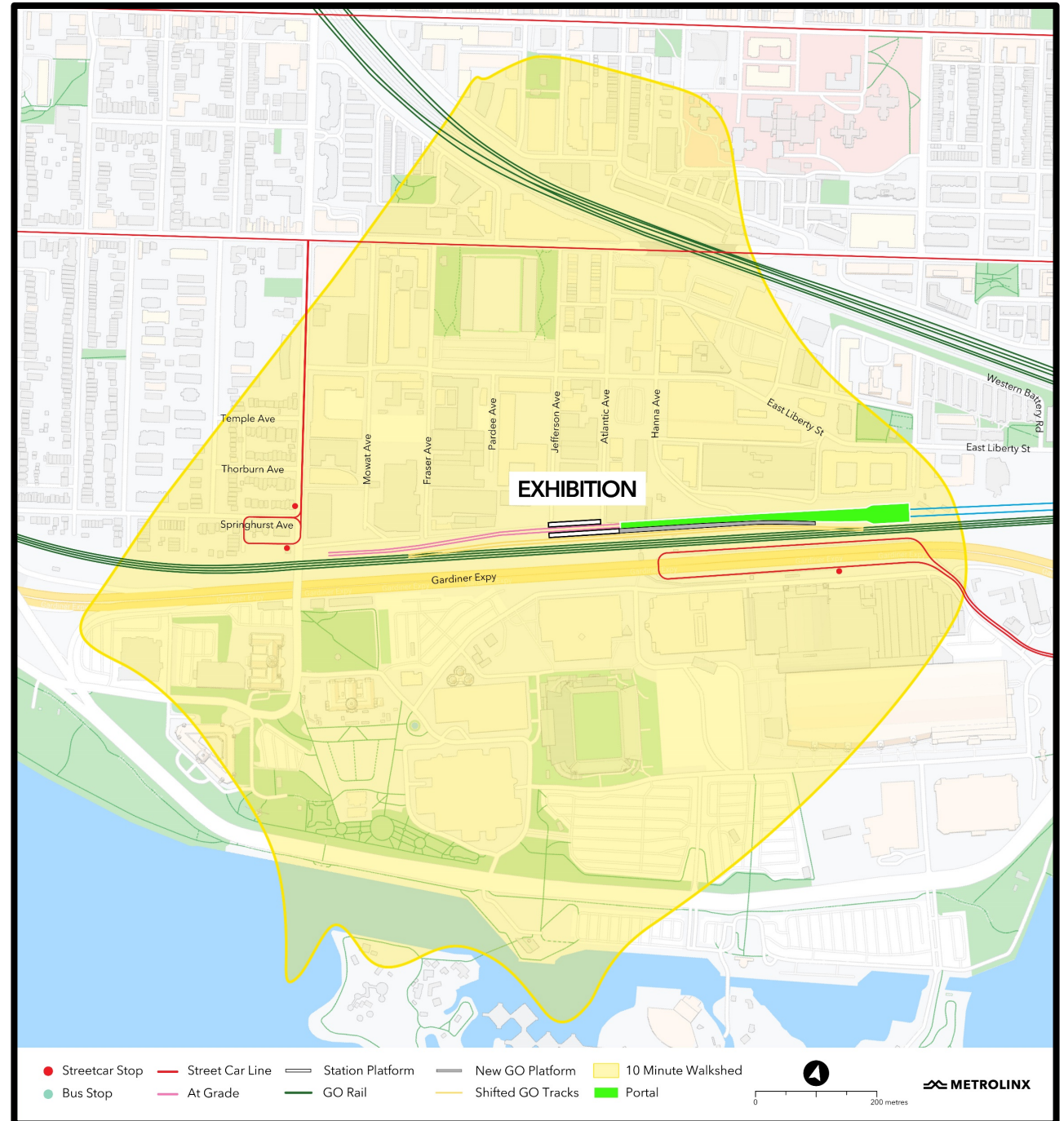
Estimated peak-hour ridership

- 12,100 total
- 8,400 boardings
- 3,700 alightings
- 6,300 transfers to/from Lakeshore West GO

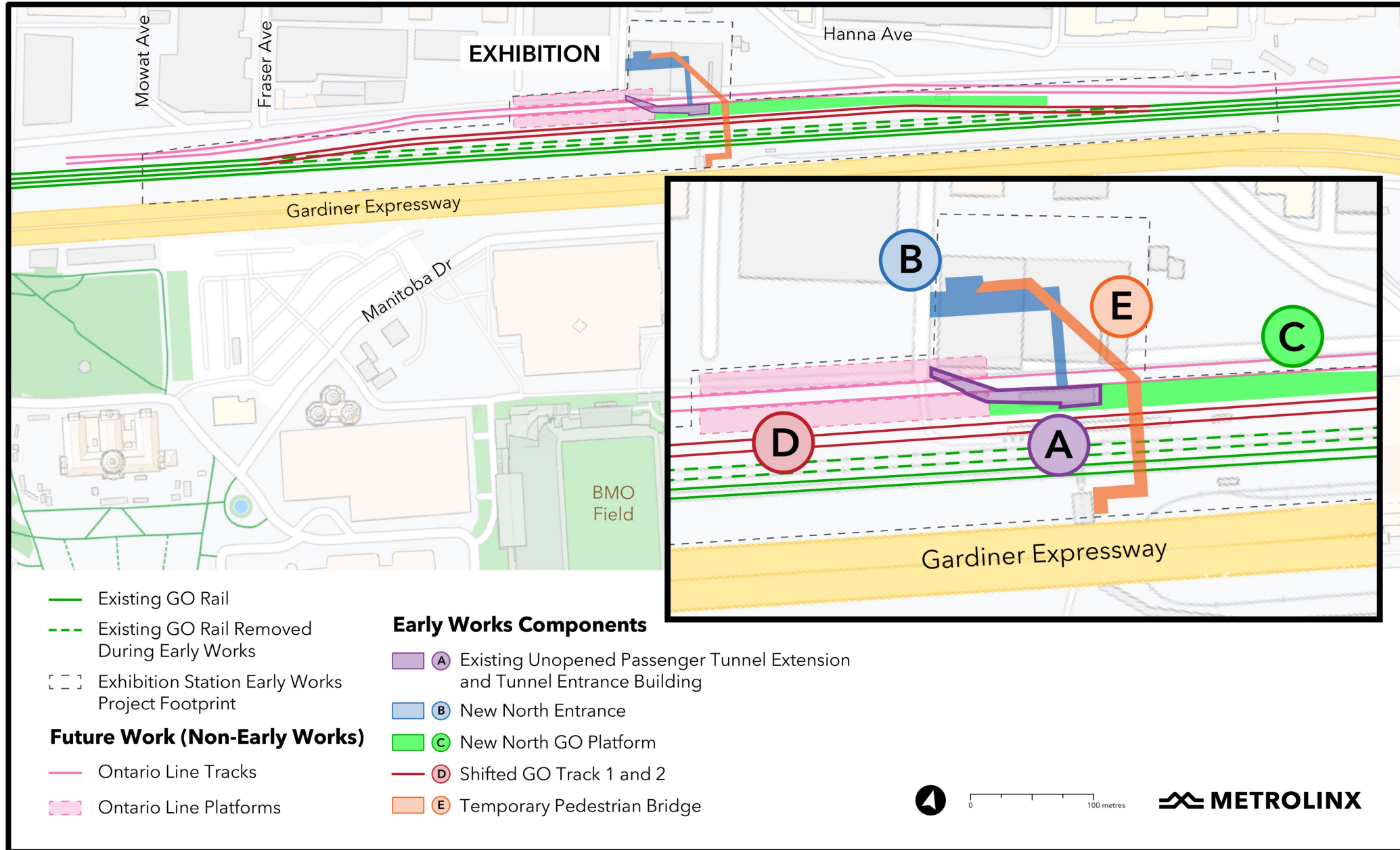


Serving Liberty Village, South Parkdale and Niagara, 12,100 residents and 17,600 jobs will be within a comfortable 10-minute walk.

Metrolinx is coordinating with the City of Toronto, TTC, Exhibition Place and other community partners to coordinate plans with other projects in this area.



Exhibition Station Early Works



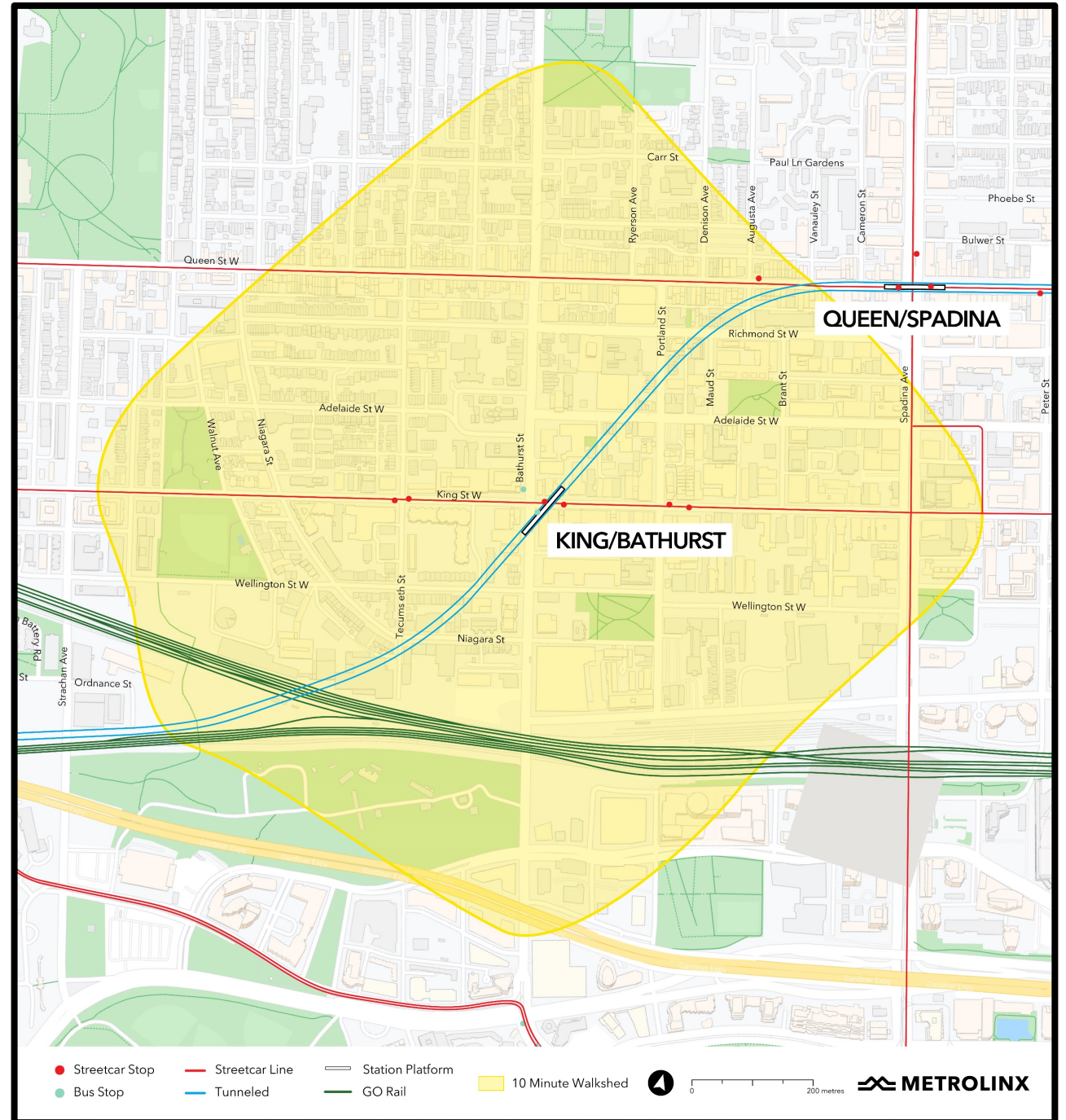
King-Bathurst

Estimated peak-hour ridership

- 5,100 total
- 3,000 boardings
- 2,100 alightings
- 2,400 transfers to/from surface transit



From Queen's Quay to Alexandra Park, passengers are within a comfortable 10-minute walk to King-Bathurst Station, including the King West, CityPlace, Fort York, Niagara and Fashion District neighbourhoods with 27,000 residents and 24,200 jobs.



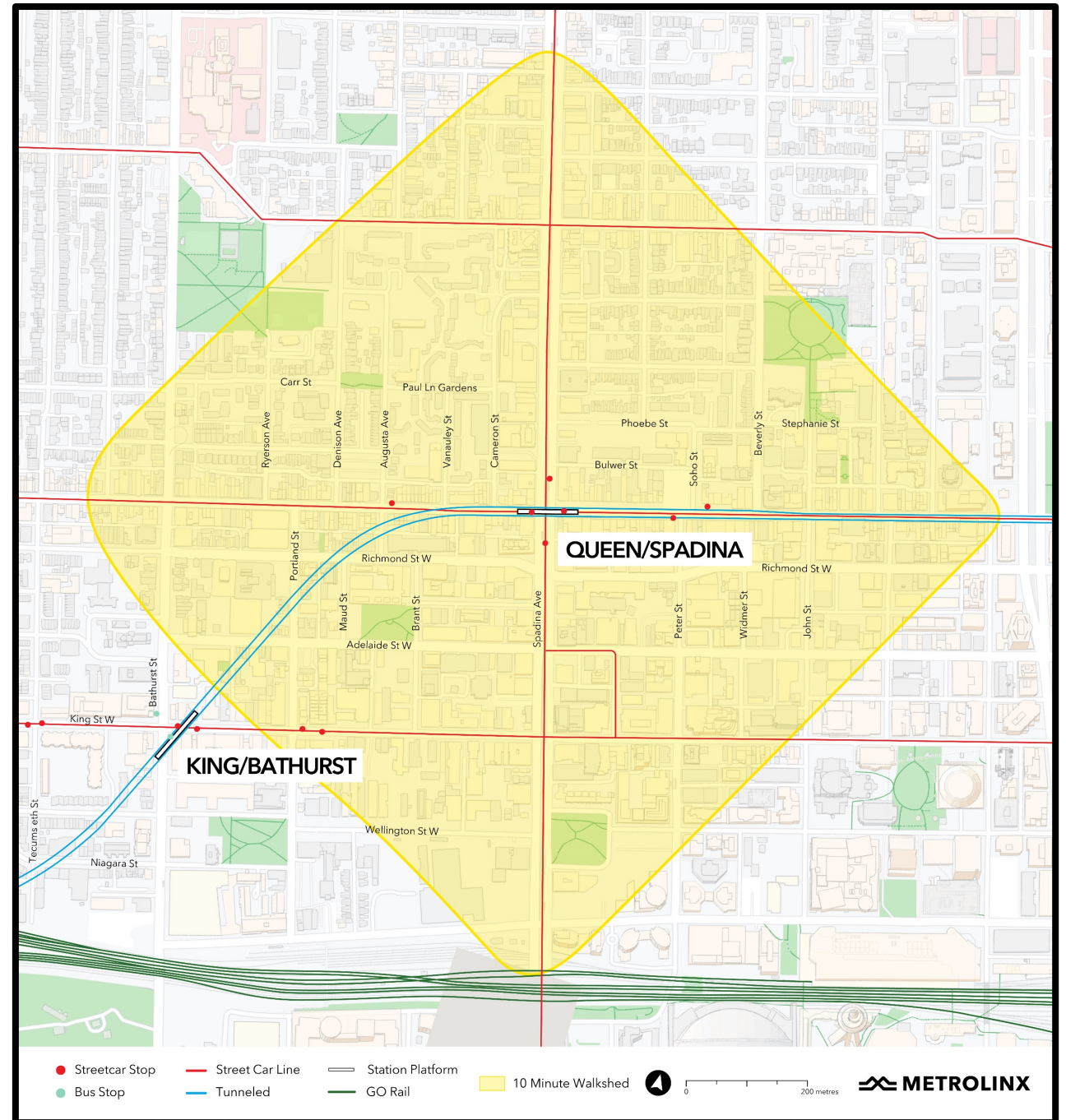
Queen-Spadina

Estimated peak-hour ridership

- 7,200 total
- 2,300 boardings
- 4,900 alightings
- 3,800 transfers to/from surface transit



Serving Chinatown, Grange, Kensington, Alexandra Park, Wellington Place, Fashion District and Entertainment District, 22,800 residents and 41,200 jobs will be within a comfortable 10-minute walk.



Business & Community Supports



As we cope with the impacts of COVID-19, the Ontario Line will help create local jobs in the near term and more vibrant, healthy communities in the long-term. We are here to support residents and businesses as this project gets built.

Metrolinx is committed to ensuring local businesses stay **accessible, visible and "Open for Business"** throughout construction.

When will I know if my property is impacted?



- If we confirm your property is needed, you will receive written notification from us. Metrolinx strives to communicate with property owners early and often so that there is ample time to work through solutions.
- Our preferred approach is direct, one-on-one negotiations with owners, with the goal of reaching amicable agreements.
 - Expropriation is a backstop tool. Even when expropriation is initiated, Metrolinx continues to negotiate with owners in the hopes of reaching agreements.
- Whether we have to acquire a portion of a property or the entire property, the property owner will be compensated at fair market value, and our commitment is to ensure that owners and tenants do not experience a financial loss.

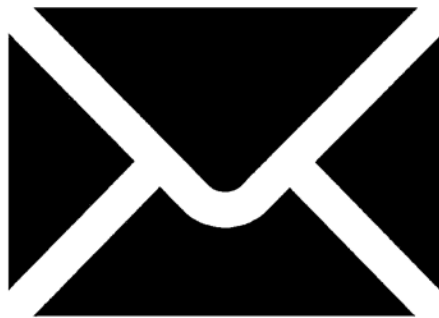
What's next?

- Regular updates, more virtual events and opportunities to provide feedback and ask questions
- In-person meetings and events when safe and public health restrictions allow for gatherings
- Exhibition Early Works construction begins late summer 2021
- Environmental Impact Assessment Report
 - January 2022: Draft report and opportunity for public feedback
 - April 2022: Final report with feedback incorporated

Contact us

Your feedback is vital in helping us to move the Ontario Line forward in a way that strengthens the community. We are grateful for your input.

To stay up to date on upcoming virtual events and the latest Ontario Line news, sign up for our e-newsletter at [Metrolinx.com/OntarioLine](https://www.toronto.ca/metro/ontarioline).



OntarioLine@Metrolinx.com



416-202-5100



[Metrolinx.com/OntarioLine](https://www.toronto.ca/metro/ontarioline)