

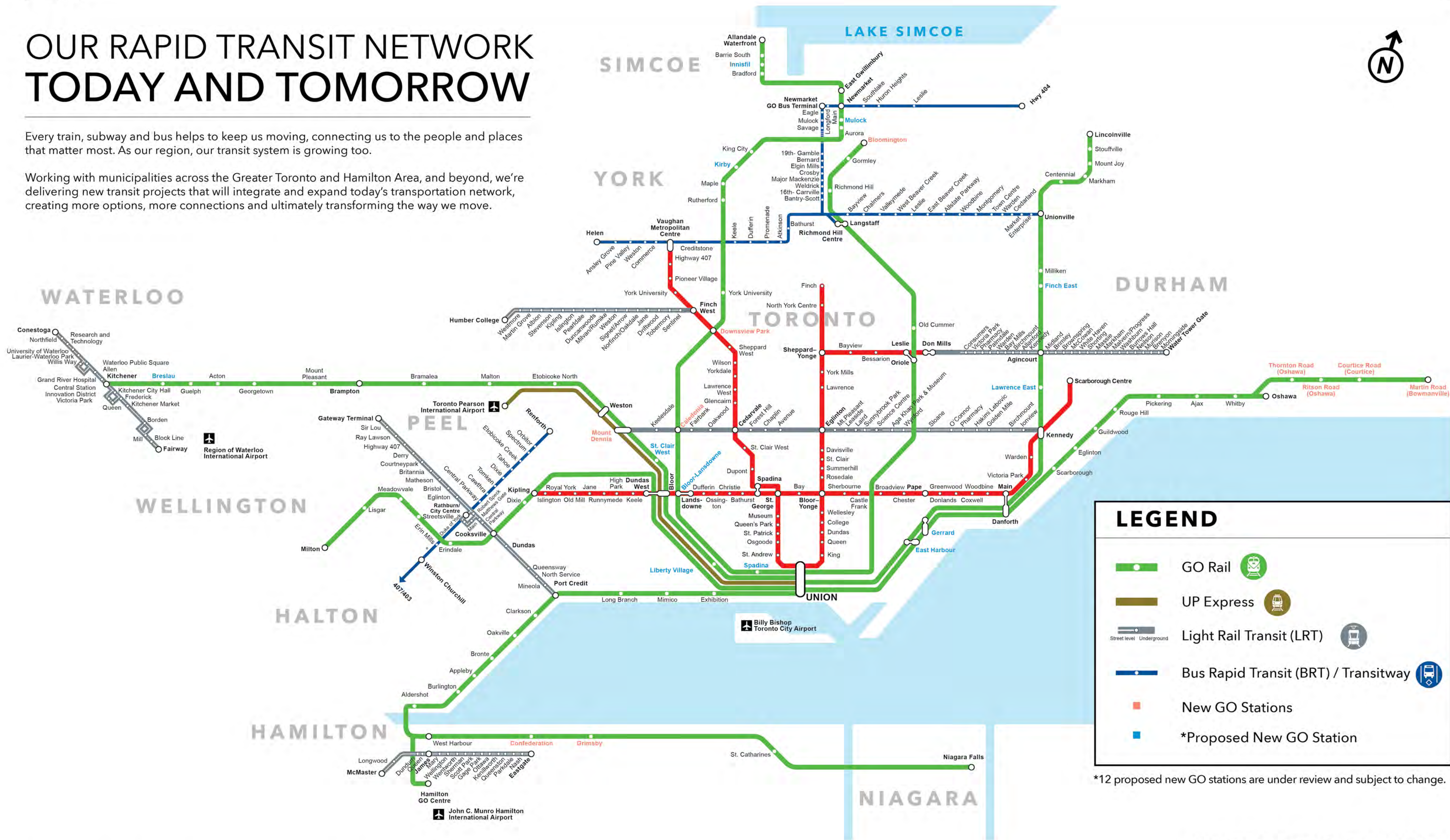
**Building the
transportation network
we need for the future**



OUR RAPID TRANSIT NETWORK TODAY AND TOMORROW

Every train, subway and bus helps to keep us moving, connecting us to the people and places that matter most. As our region, our transit system is growing too.

Working with municipalities across the Greater Toronto and Hamilton Area, and beyond, we're delivering new transit projects that will integrate and expand today's transportation network, creating more options, more connections and ultimately transforming the way we move.



WHO IS METROLINX?

Metrolinx was created in 2006 by the Province of Ontario with a mandate to create greater connection between the communities of the Greater Toronto and Hamilton Area, and now beyond to the Greater Golden Horseshoe.

PLAN



BUILD



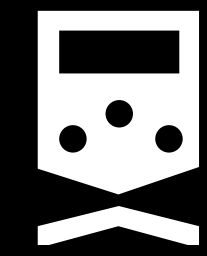
OPERATE



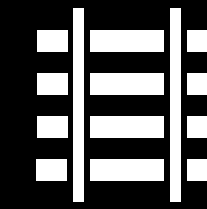
CONNECT



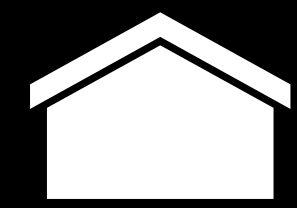
GO TRANSIT EXPANSION - NO SMALL TASK



52 New Train Sets
faster service



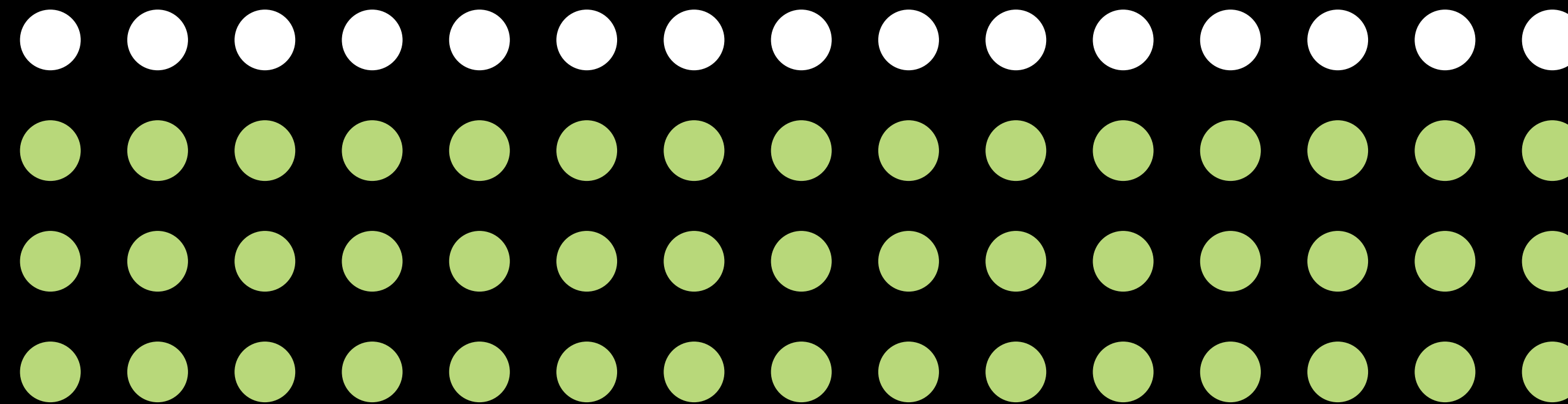
New GO Tracks
150 km



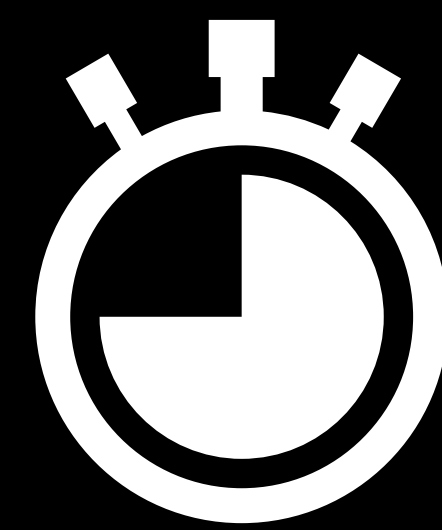
22 New GO Stations
32 Upgraded



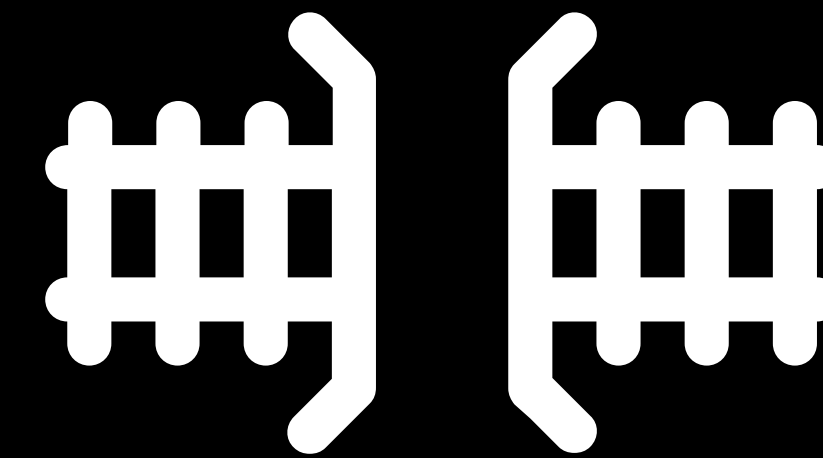
Bridge Upgrades
45+



6000 Trips / Day; 300% increase

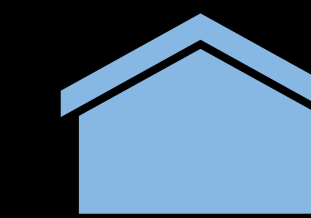
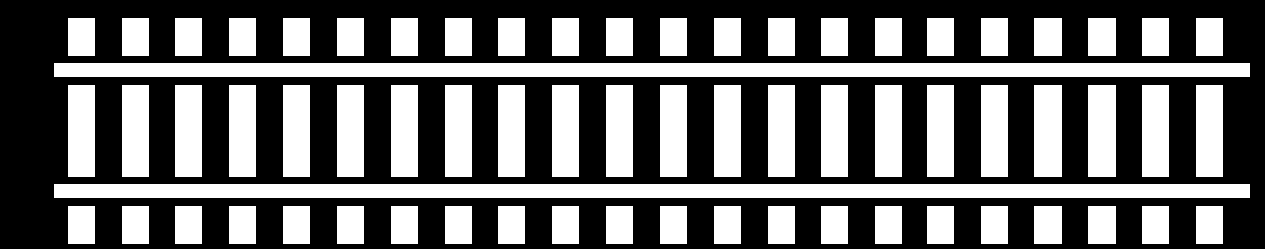


15 Minute Service
or better

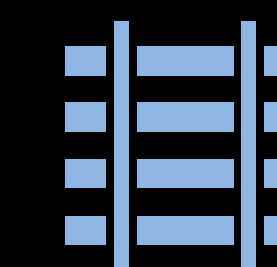


10 rail/road grade separations
1 rail/rail grade separation

**GO Extensions to Kitchener,
Niagara, and Bowmanville**



New LRT Stops & Stations
16 Stations
65 Stops



New LRT tracks
64 km

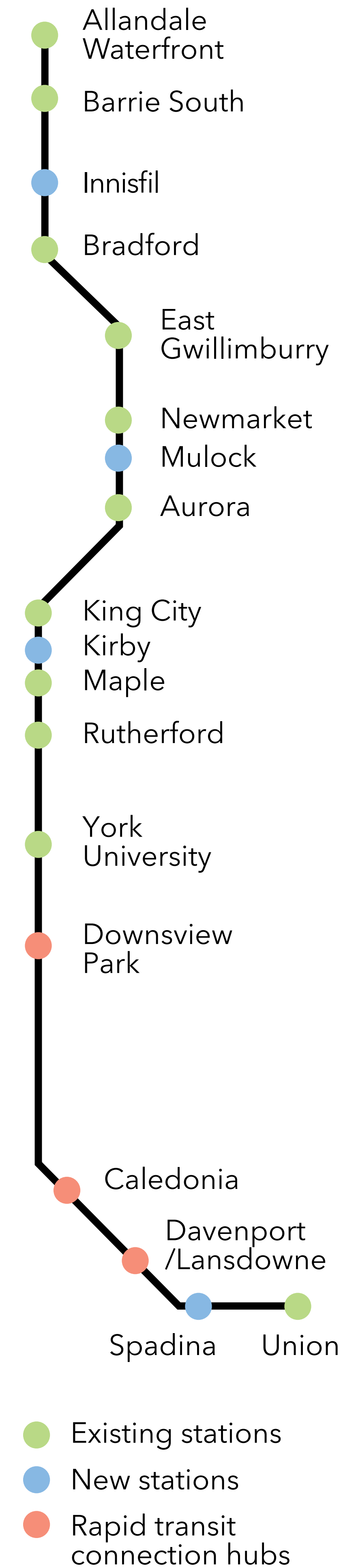
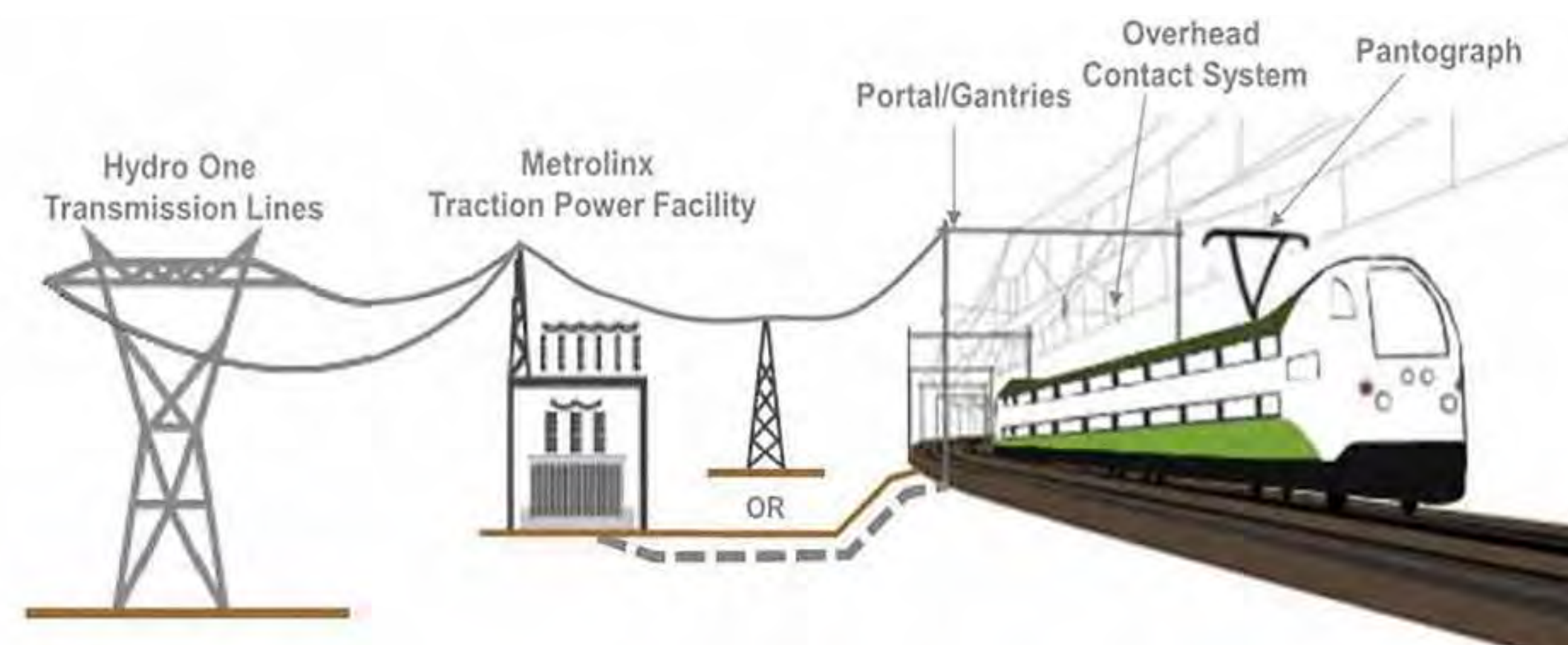
BARRIE CORRIDOR PROGRAM OVERVIEW

Infrastructure Build:

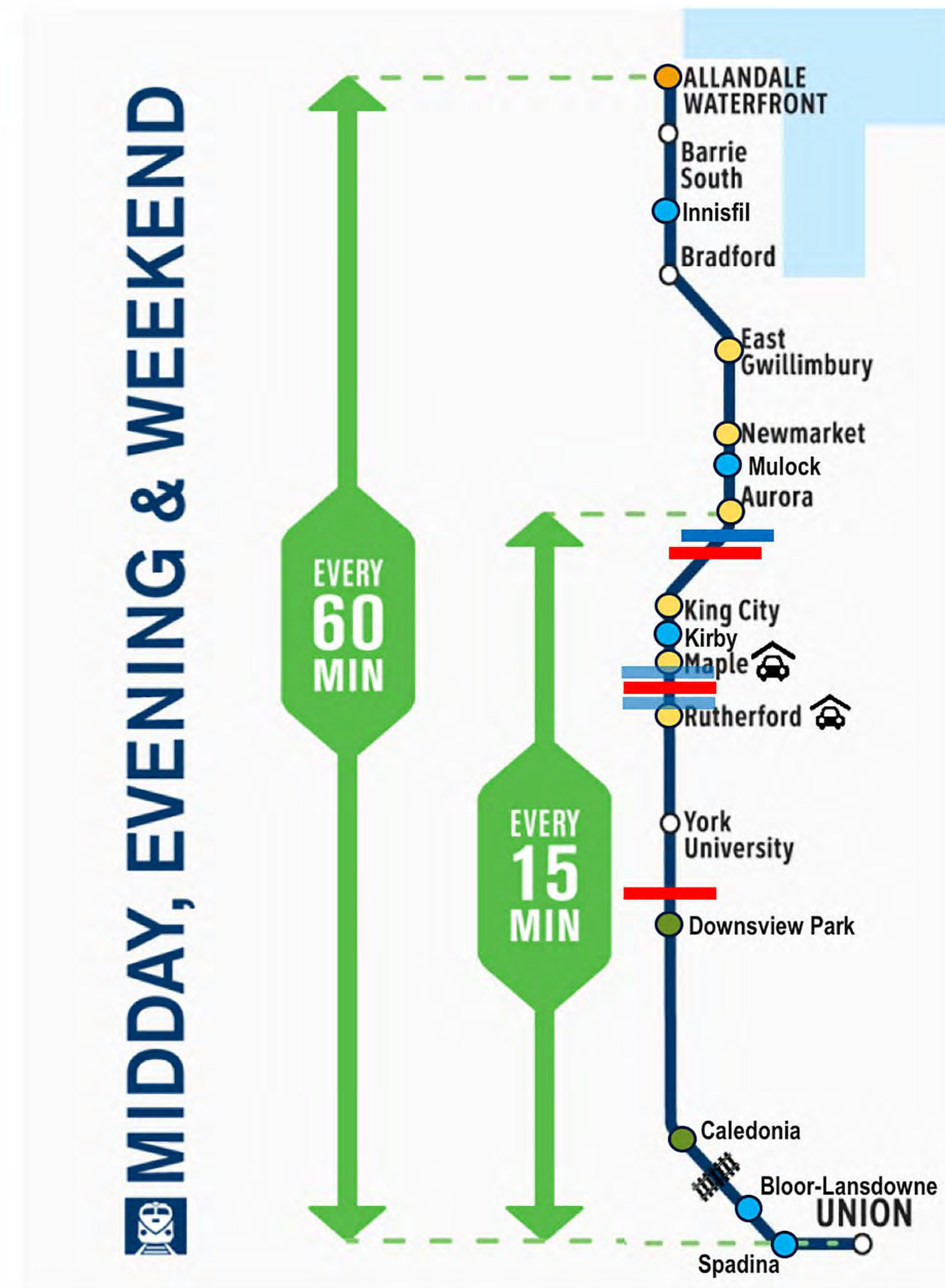
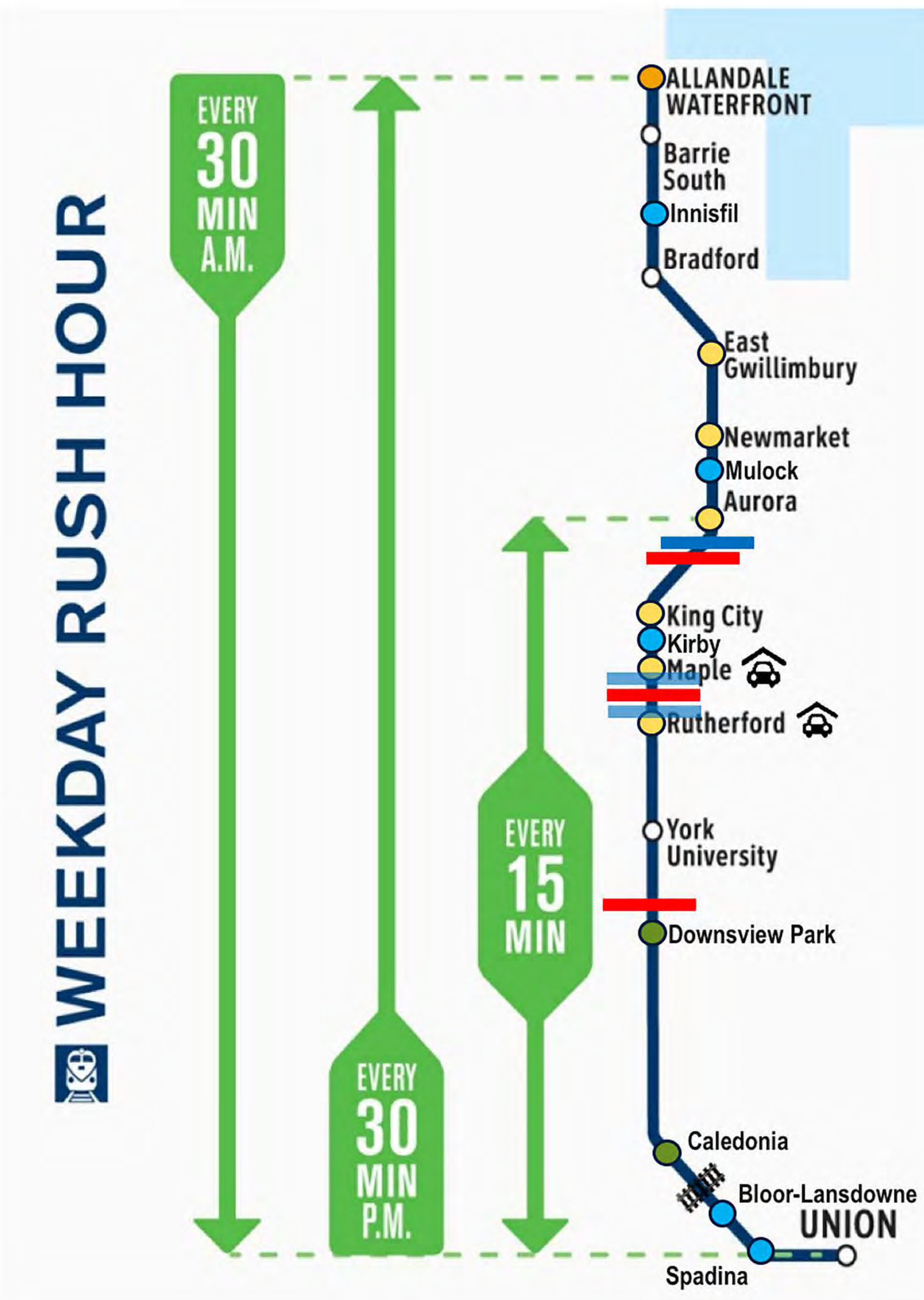
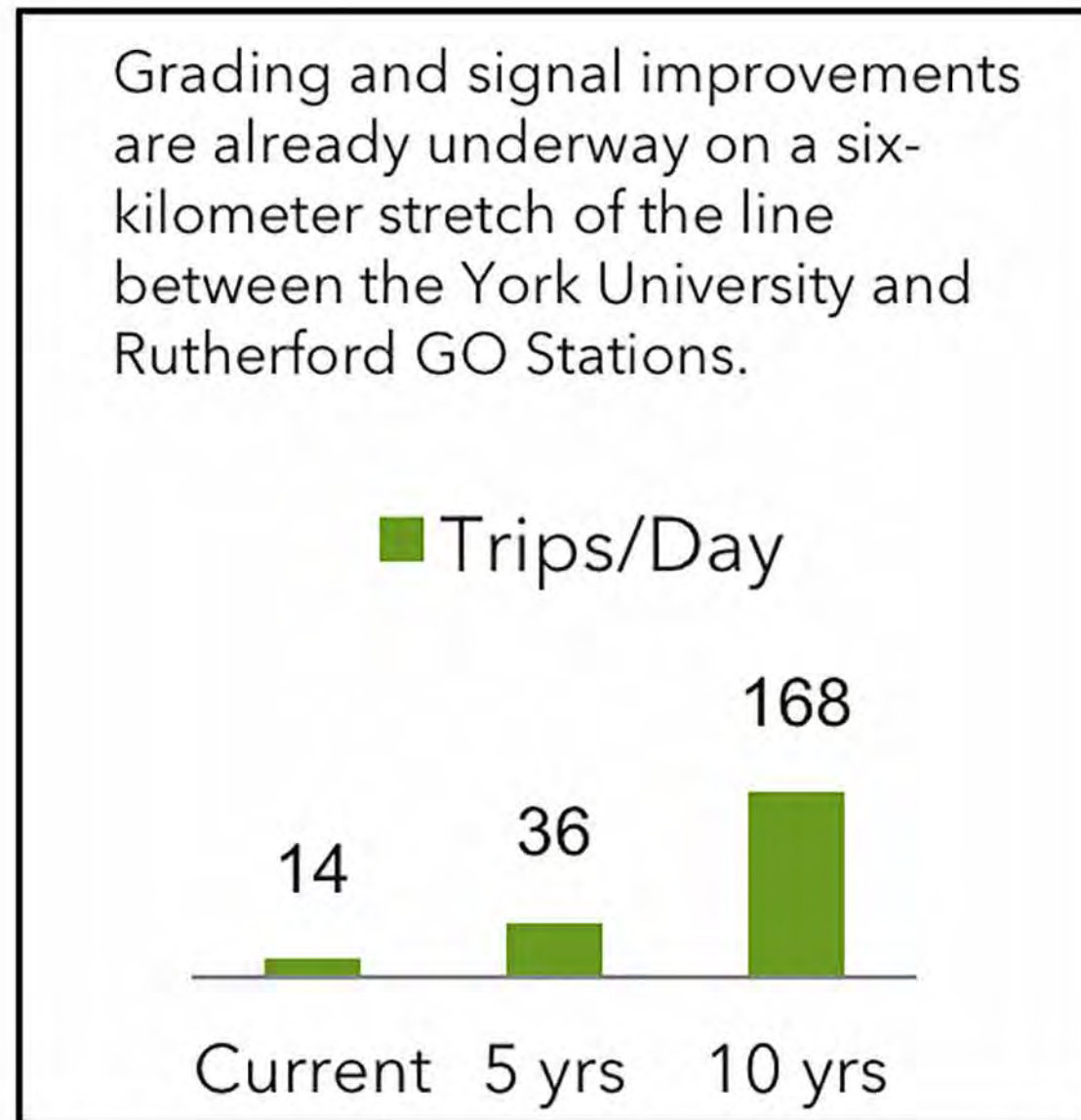
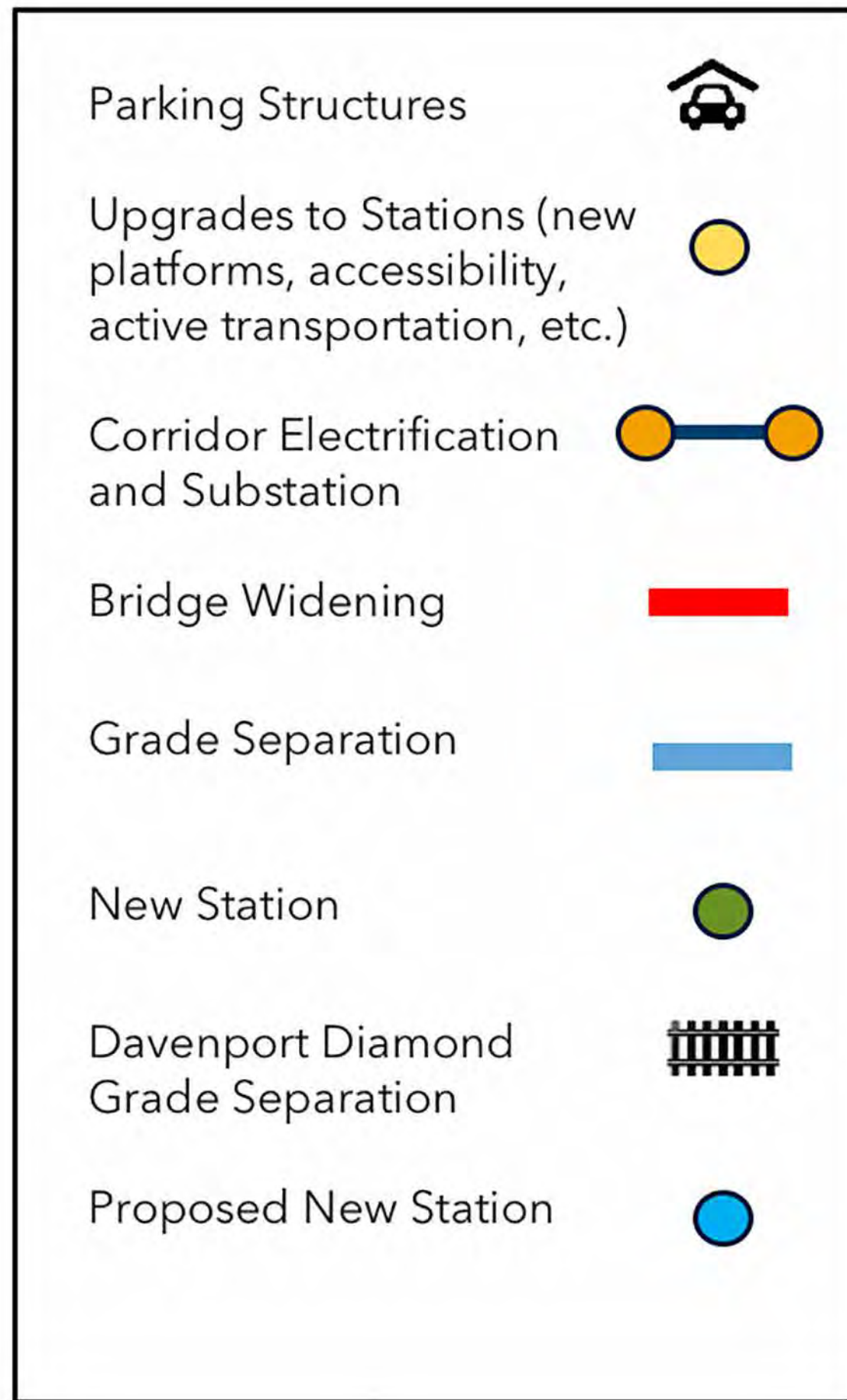
- Double track from Union to Aurora
- Proposed new stations: Spadina, Bloor-Lansdowne, Caledonia (Crosstown interchange), Downsview Park (TTC interchange), Kirby, Mulock, and Innisfil
- Signal improvements
- Bridge widenings and structure modifications
- Bradford layover expansion and modifications
- Barrie layover expansion, Bradford layover
- Station modifications and parking expansion
- Improved rail crossings
- Grade separations (Rutherford, McNaughton, Wellington)
- Yonge Street bridge expansion
- Customer experience improvements

Electrification Infrastructure:

Traction power substations, switching stations, paralleling stations, overhead contact systems, and various safety modifications. This includes switching stations and paralleling stations at Maple and Newmarket.



BARRIE RAIL SERVICE MODEL



RUTHERFORD GO STATION



Scope

Phase I

- Pedestrian Tunnel Installation

Phase II

- Grade Separation
- Station Building Rehabilitation
- 2nd Track & Platform
- New Multi-Level Parking Structure
- **1200 Net New Parking Spaces**

Milestone Schedule*

Design/Phase I
Construction

Aug 2016 - Late 2017

Phase II
Construction

Late 2018 - Dec 2022

* Dates are approximate and subject to change during delivery.

RUTHERFORD GO STATION

- Upgrades to Rutherford GO Station will eventually allow for all-day two-way 15-minute electrified GO service between Union Station and Aurora GO Station
- New multi-level parking structure with integrated station building, and pedestrian bridge to new rail platform
- Re-design of surface parking, kiss and ride, bus loop and pedestrian access
- Rail/road grade separation on Rutherford Road, and pumping station
- Pedestrian bridge over Rutherford Road
- New rail platforms
- A second heavy rail track and provision for future third express center track
- Integrated art
- These improvements will mean better services and amenities for our customers at Rutherford GO Station, allowing Metrolinx to deliver best-in-class transit and customer service.



MAPLE GO STATION

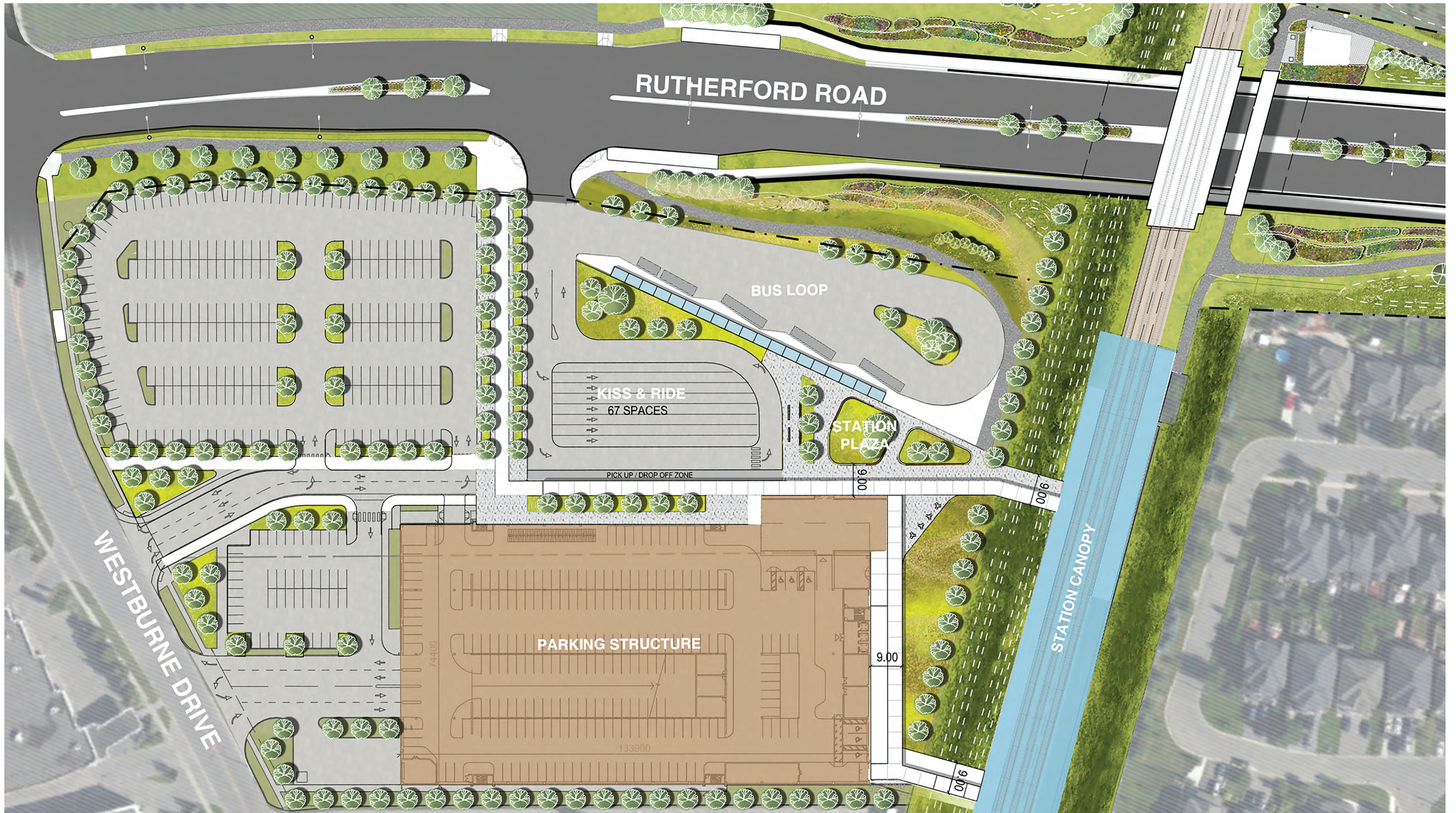
- Upgrades to Maple GO Station will eventually allow for all-day two-way 15-minute electrified GO service between Union Station and Aurora GO Station.
- At Maple GO Station, we're building a new platform for the second track, a multi-level parking structure with 1200 net-new spaces, bus loop with 4 bus bays, new Kiss & Ride, and bicycle facilities.
- Integrated art
- Temporary parking is now active at Rodinea Road and McNaughton Road.
- Subject to ongoing work with the City of Vaughan, Metrolinx will design a pedestrian bridge connection over the corridor at Maple GO. The City will arrange its construction.
- For the rest of the station works, we're currently in design and procurement. Construction is expected to begin in approximately Spring 2019.



Scope	
Phase I	<ul style="list-style-type: none"> • 2 Pedestrian Tunnels
Phase II	<ul style="list-style-type: none"> • Multi-Level Parking Structure • New Kiss & Ride • Bus-Loop with 4 Bus Bays • Bicycle Facilities • 1200 Net Parking Spaces

Milestone Schedule	
Tender Documents Issued	Jun 2016
Design & Procurement	Sep 2016 - Apr 2019
Construction	Apr 2019 - Dec 2022

RUTHERFORD GO STATION - URBAN DESIGN FRAMEWORK



EARLY STATION WORK

- Switch installation at Rutherford GO completed April 24.
- Installation of pedestrian tunnels at Maple GO completed May 7. Tunnel will allow customers to cross the future second track and access convenient all-day two-way electrified service.
- Rutherford tunnels substantially completed, site to be clear by end 2017.
- Installation of second track at Rivermede Road completed May 6-7.
- Pedestrian bridge connection over the corridor at Maple GO Station.



EARLY CIVIL WORK



- Rail bridge widening over Major MacKenzie Drive will ensure all-day two-way service.
- Requesting to use City Hall north parking lot (gray) as construction staging area.
- We're working with staff in Vaughan and York Region on building a parking lot (blue) west of City Hall along Major MacKenzie, with new turning lane.

RUTHERFORD ROAD GRADE SEPARATION



Milestone Schedule

EA	Complete
Design	November 2017
Procurement	November 2017 - September 2018
Construction Completion	September 2018 - February 2023

- In Procurement stage
- Priority: Ensuring safety and pedestrian/cycling connections across the corridor.

ENVIRONMENTAL ASSESSMENT PROCESS - MCNAUGHTON ROAD

The Environmental Assessment for the McNaughton Road Grade Separation will be undertaken as an Addendum to the Barrie Rail Corridor Expansion Transit Project Assessment Process (completed October 2017)

Scheduled to begin in approximately Early 2018

Residents and businesses along the study area will be contacted upon commencement

What Are We Assessing?	
Natural Environment	<ul style="list-style-type: none">• Terrestrial, aquatic habitat and species• Species of conservation concern• Sensitive areas and features• Stormwater Management
Socio-Economic Environment	<ul style="list-style-type: none">• Land Use• Property• Air Quality• Noise and Vibration• Traffic and Transportation• Utilities
Cultural Environment	<ul style="list-style-type: none">• Archaeological resources• Built Heritage resources• Cultural Heritage landscapes

NEXT STEPS

Rutherford GO Station and Grade Separation:

- April – July 2018: Collect and evaluate RFP submissions
- Announce the winning bid
- Construction is set to begin in approximately Fall 2018

Maple GO Station:

- 30% Design Completion: December 2017
- EA: begins early 2018
- RFQ: TBD
- RFP: TBD
- Contract Award: TBD
- Start of Construction: TBD

STAY INFORMED

- www.metrolinx.com/RERbarrie
- RERbarrie@metrolinx.com

Have your say:

www.metrolinxengage.com

To stay informed and involved,
please contact your Community Relations
& Issues Specialist:

Jennifer Capan

(416) 202-4732

Jennifer.Capan@metrolinx.com