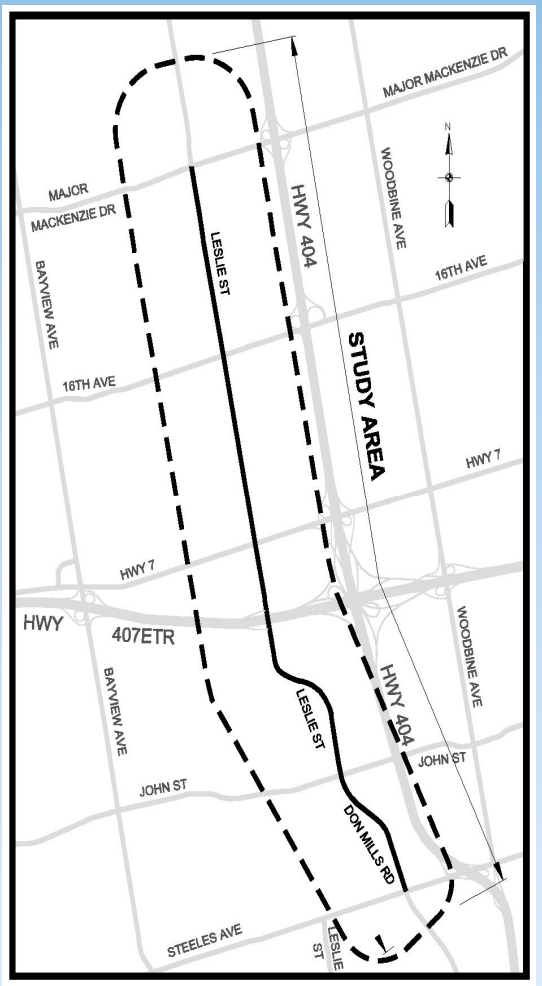
Don Mills / Leslie Street LRT Project

Markham Development Services Committee 05.26.2009

Outline

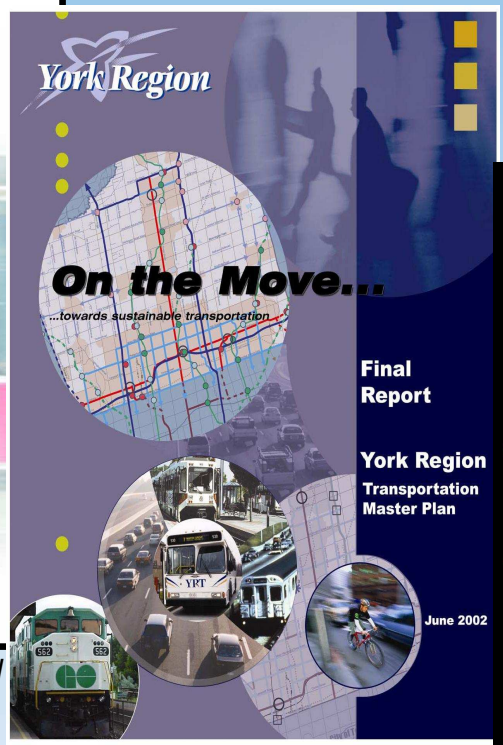
- Project Background
- Corridor Options
- Existing Conditions
- LRT Technology
- Key Stations
- Highway 7 Transit Hub
- Project Consultation

Project Background

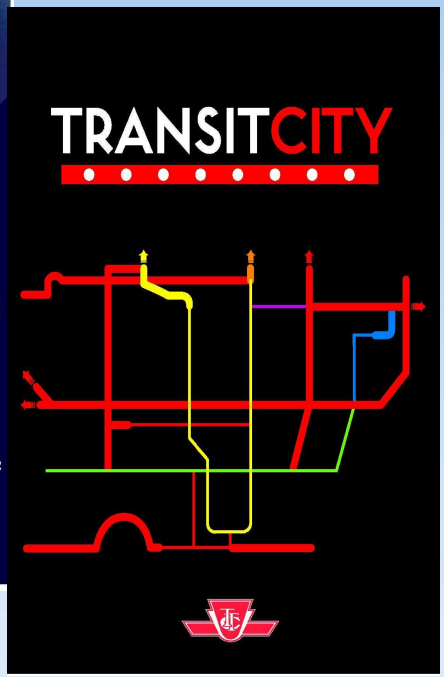


York Region's Don Mills Road / Leslie Street EA *initiated November 2007*

Metrolinx's The Big Move *approved November 2008*

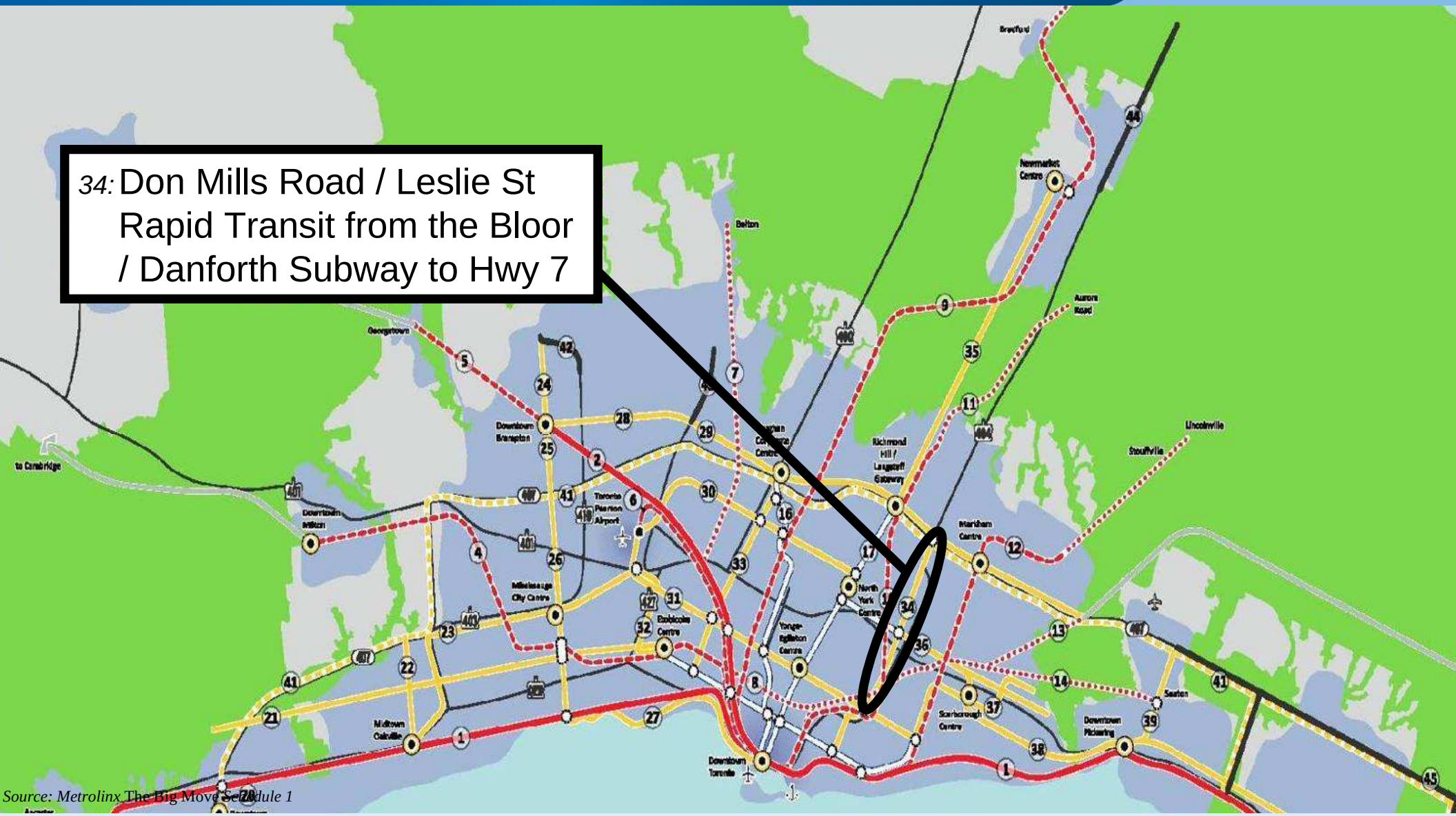


Initial recommendations from York Region's Transportation Master Plan Update *released November 2008*



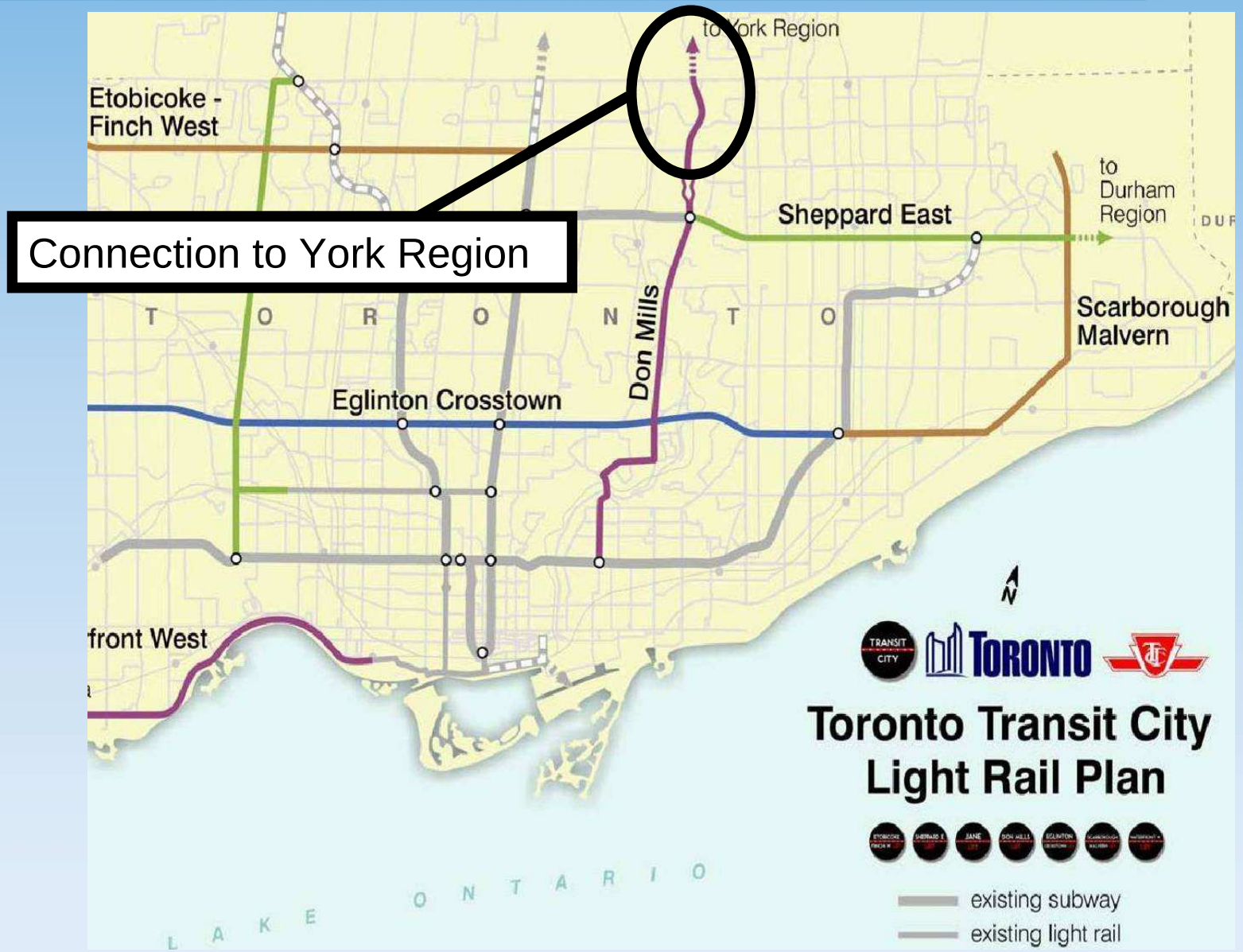
Toronto's Don Mills Road LRT Planning Study *is currently ongoing*

Metrolinx – *The Big Move* 15-Year Plan



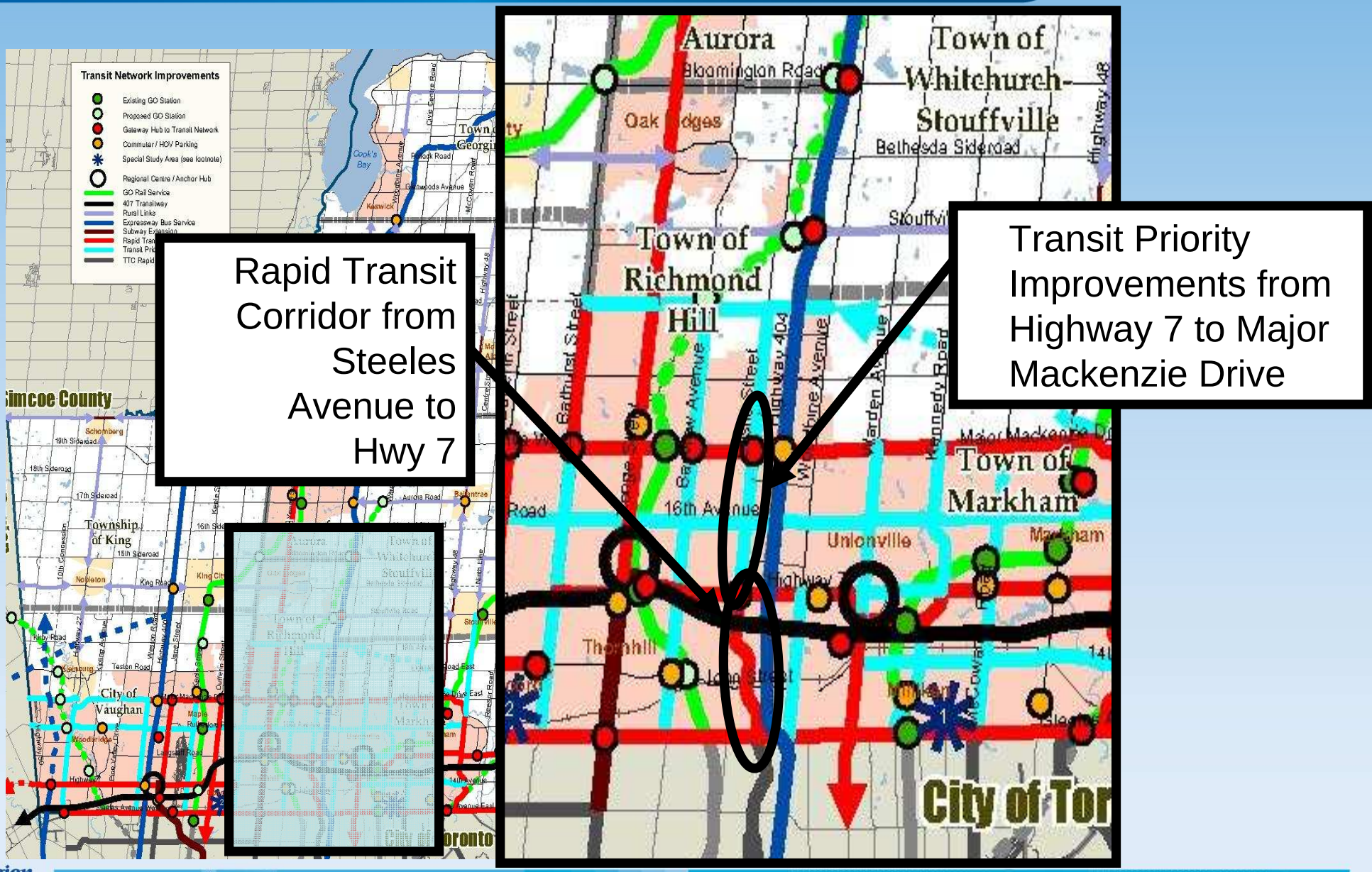
Source: Metrolinx The Big Move Schedule 1

City of Toronto – *Transit City*



Source: City of Toronto Transit City Light Rail Plan *Update (February 2009)*

York Region Transportation Master Plan Update



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Corridor Options

Rapid Transit

- Partially exclusive right- of-way
  - Bus Rapid Transit (BRT)
  - Light Rail Transit (LRT)

Transit Priority Improvements

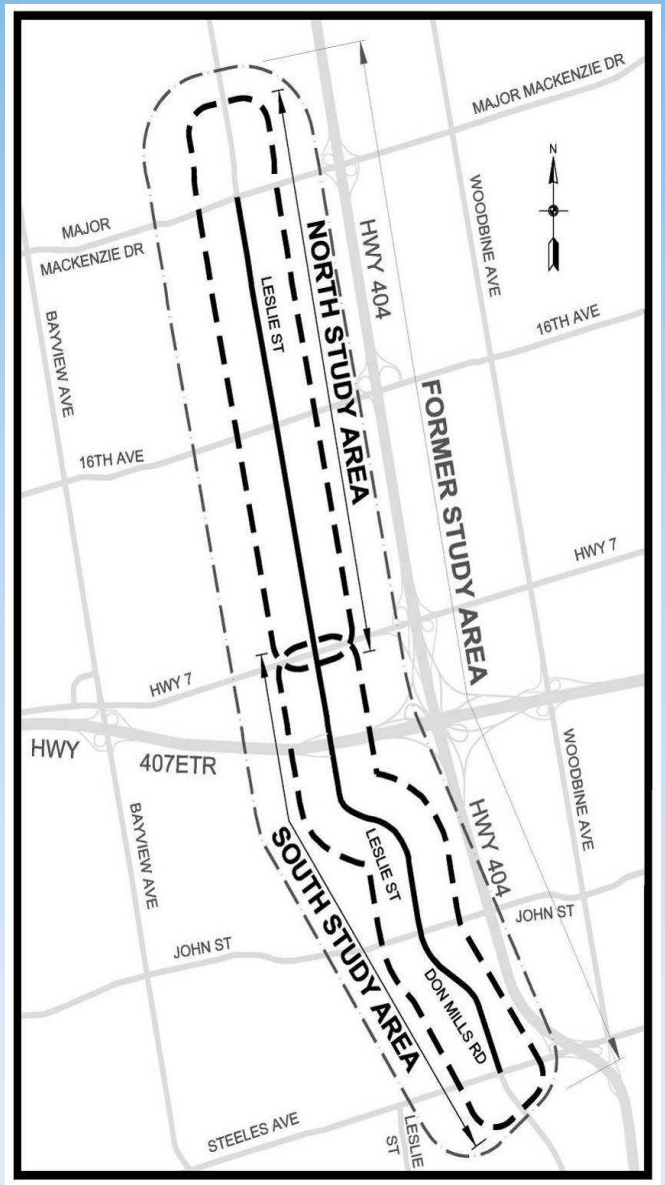
- High Occupancy Vehicle (HOV) Lanes
- Transit Signal Priority
- Queue Jump Lanes

Leslie Street Improvements EA
Highway 7 to Major Mackenzie

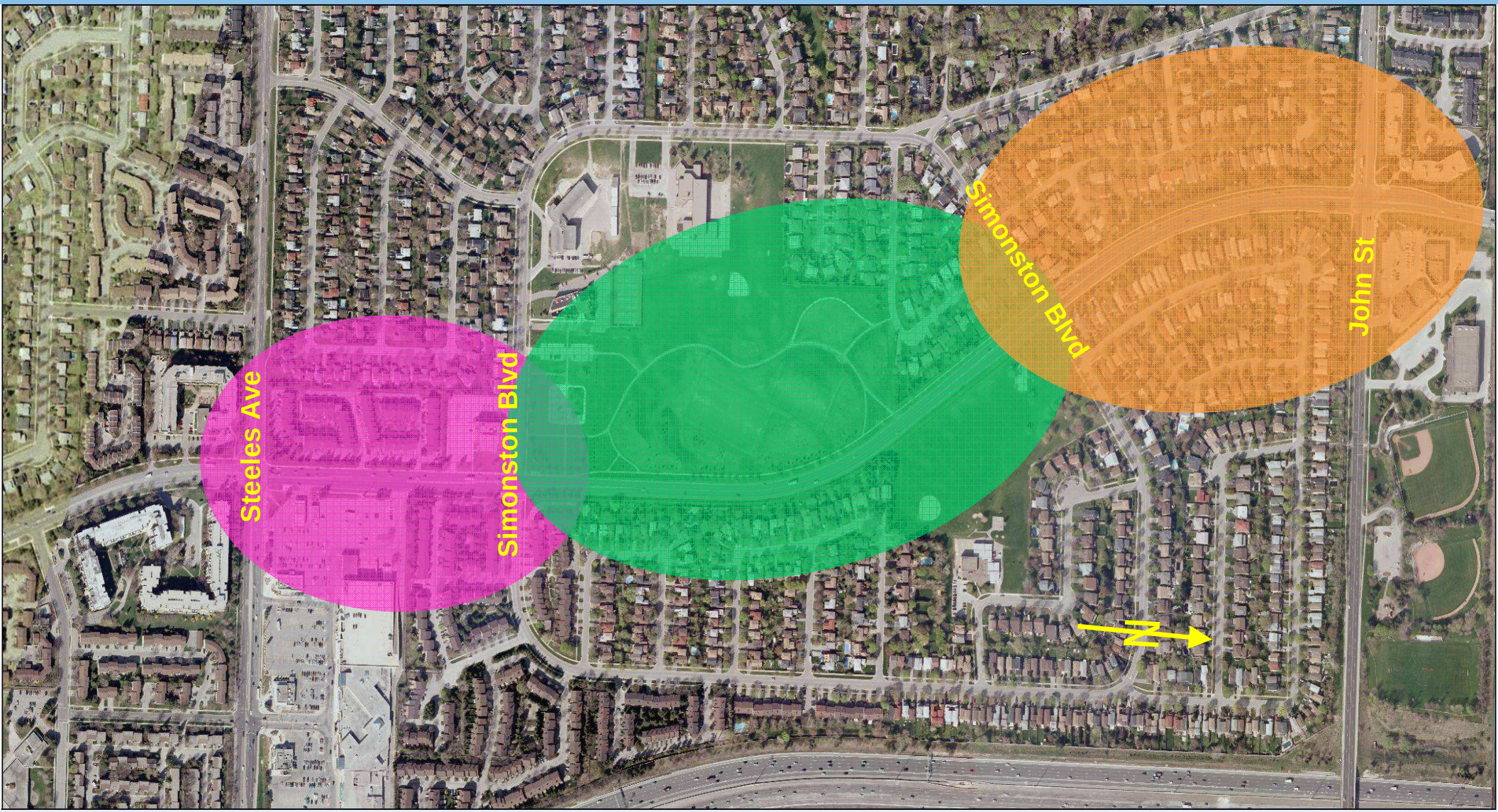
Sustainable Travel Choices

- A *Sustainable Travel Choices* study is currently being undertaken for the area bounded by Yonge Street, York-Durham Line, Major Mackenzie Drive and Steeles Avenue.
- The Region is currently assessing the option of continuing with the Class EA for Leslie Street from Highway 7 to Major Mackenzie Drive once the Sustainable Travel Choices study is completed.

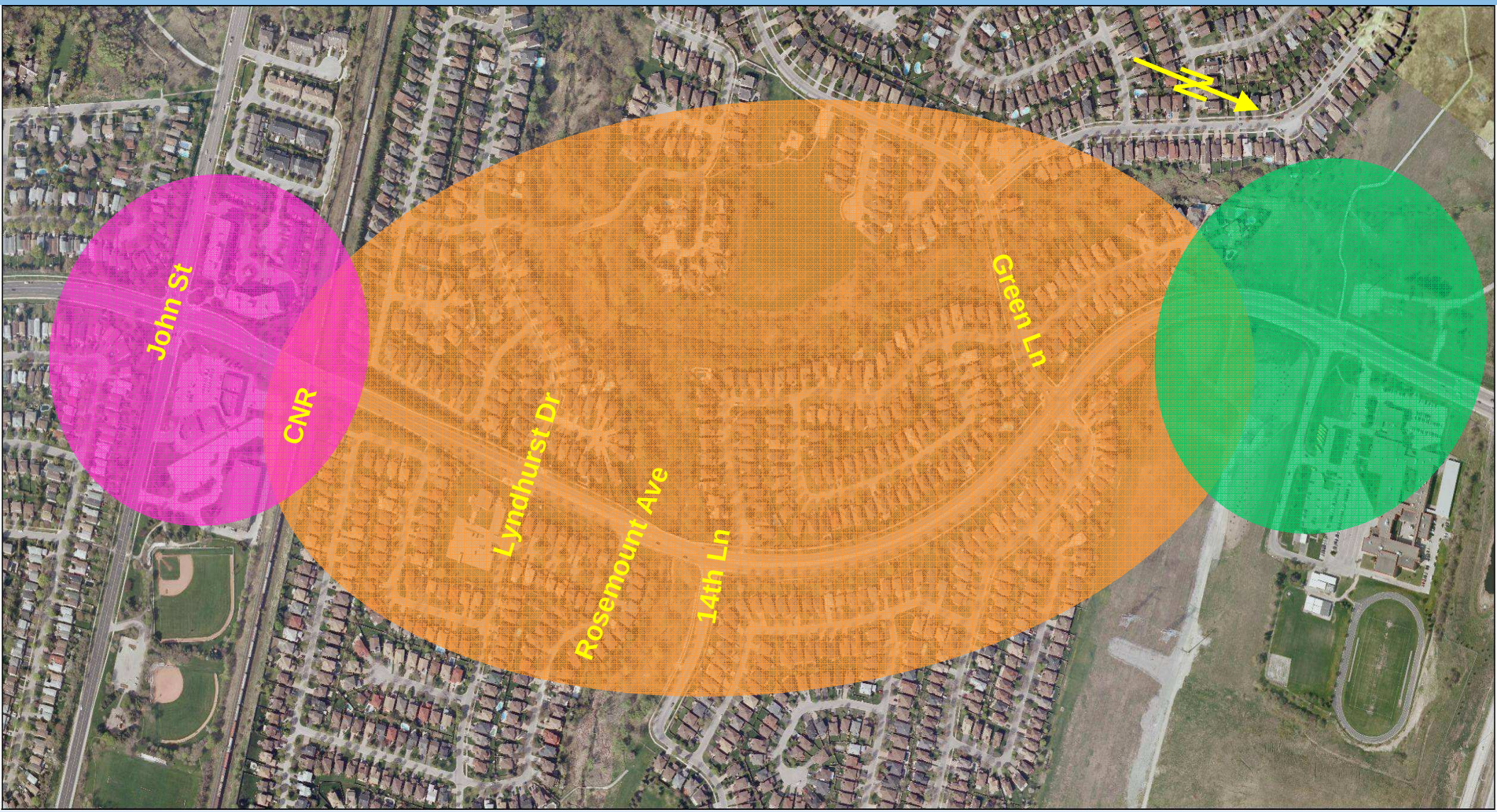
Splitting the Project



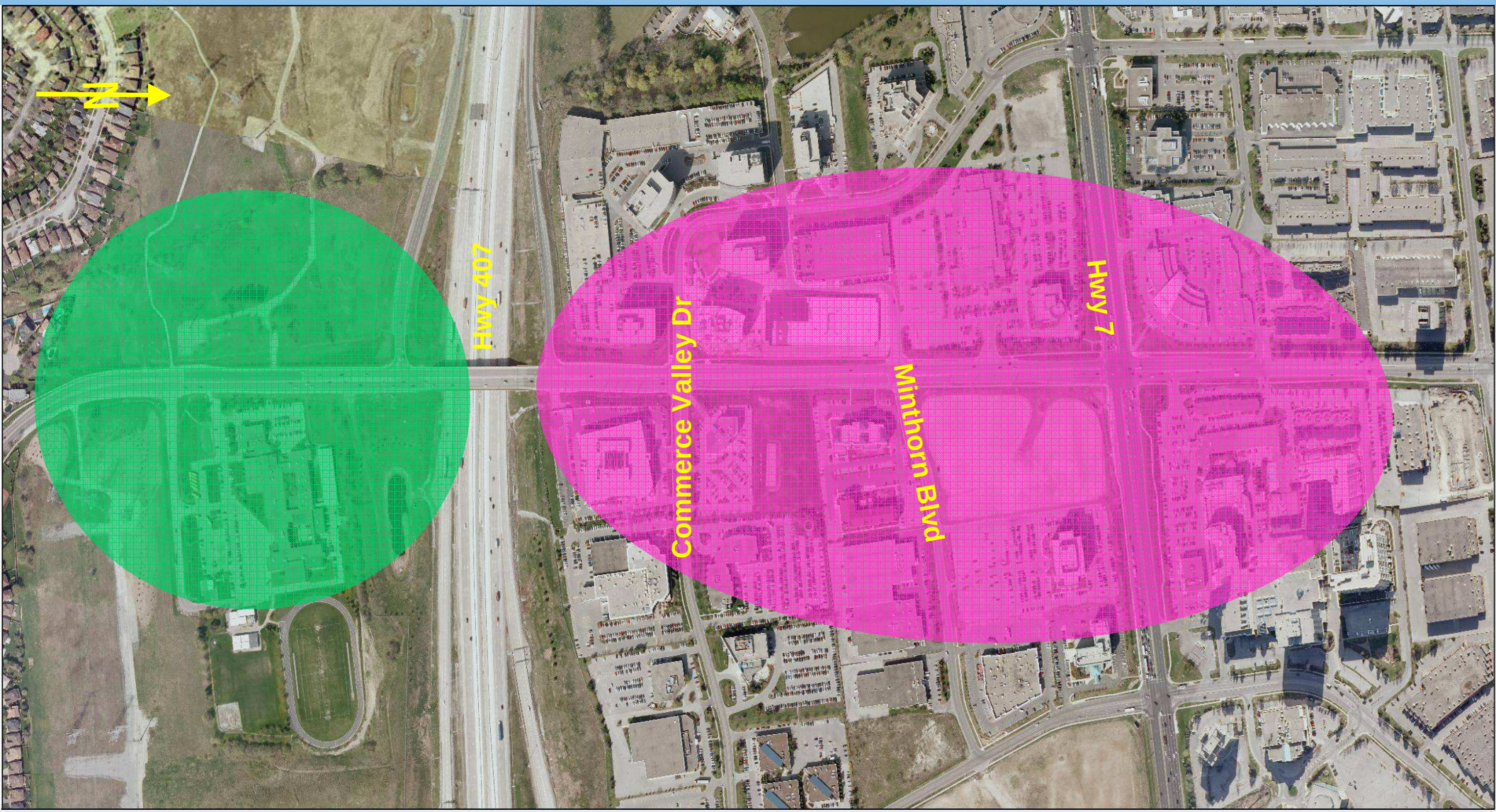
Existing Conditions in the Study Area (1 of 3)



Existing Conditions in the Study Area (2 of 3)



Existing Conditions in the Study Area (3 of 3)



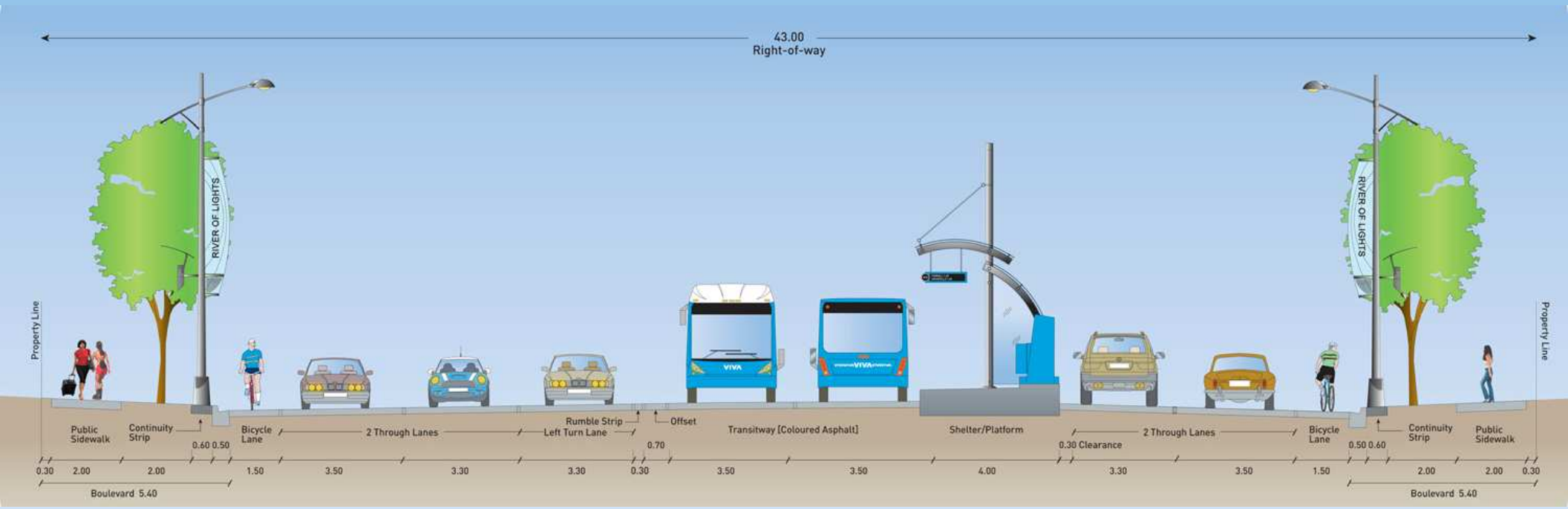
Typical Modern LRT Vehicles

STOCKHOLM, SWEDEN (Bombardier Flexity Swift *model shown)*

A typical modern LRT vehicle has the following features:

- Larger capacity
- Fully accessible low-floor vehicles
- Boarding at all doors
- Operator cabs at both ends
- No emissions produced directly by the vehicle
- Higher efficiency
- Lower operating costs
- Lower noise

Rapidway Typical Section



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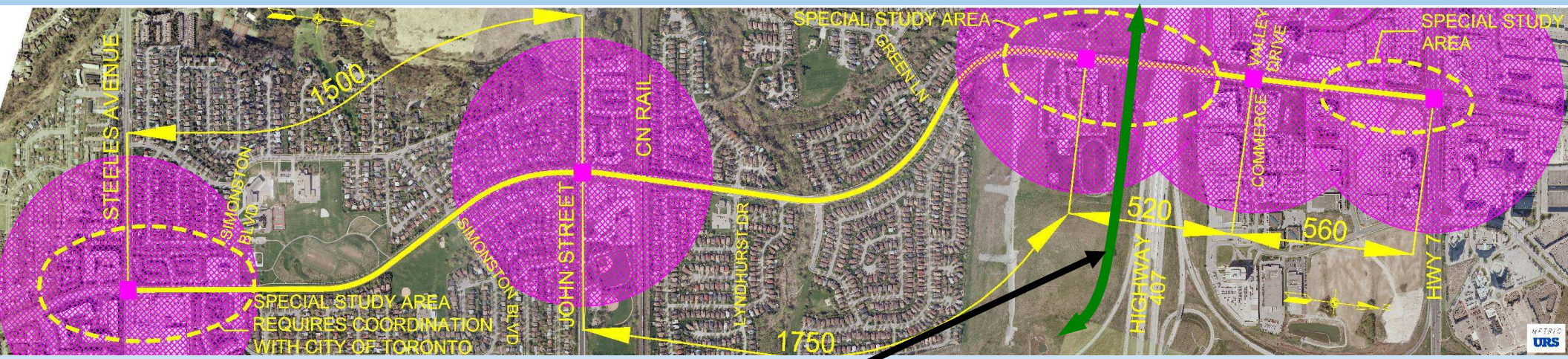
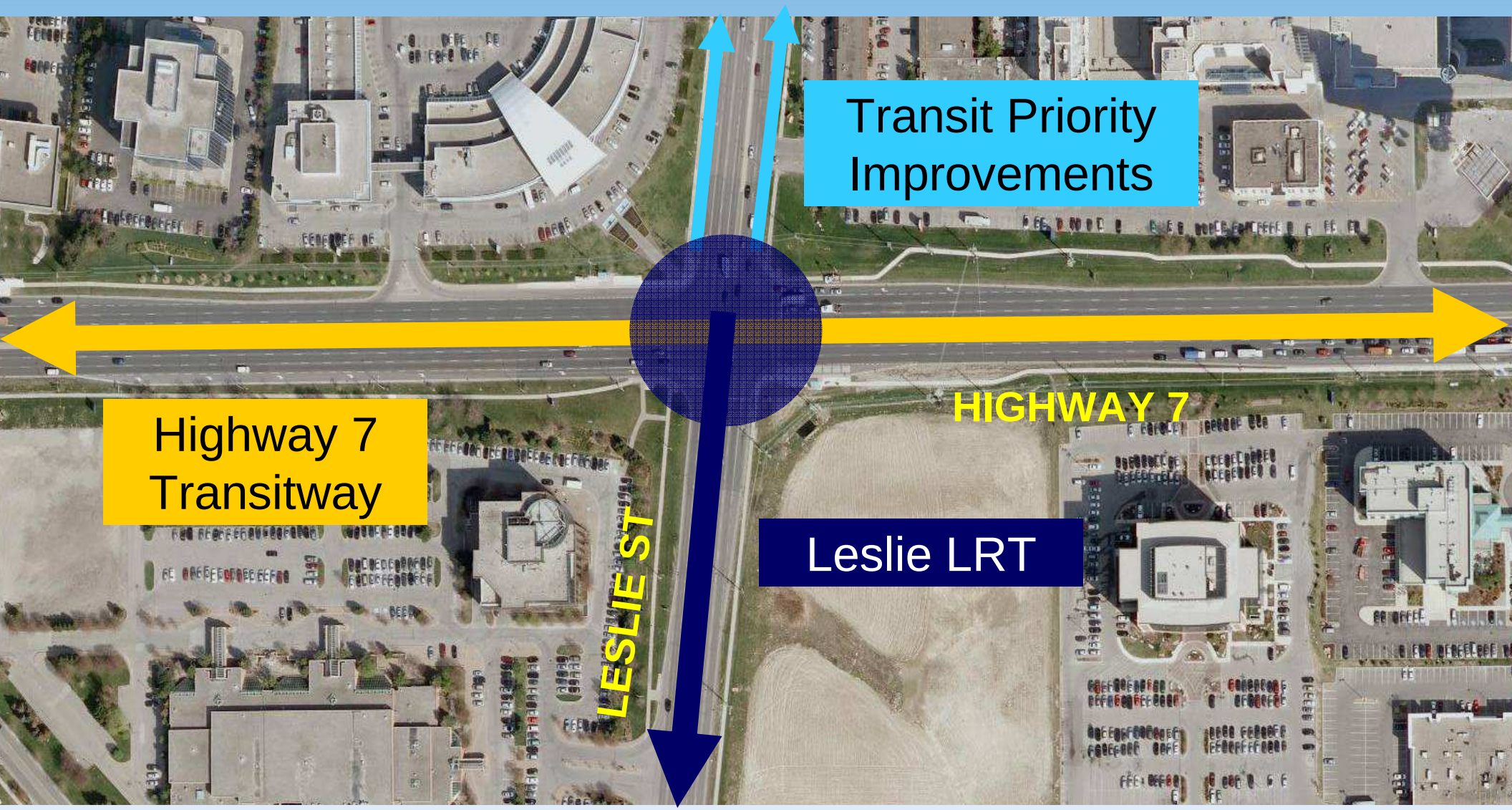
Key Stations



407
Transitway

Highway 7 Transit Hub



Summary of Consultation Events
Don Mills / Leslie Street LRT