



7843-07

Communication: C20
Committee of the Whole (PM)
January 17, 2023
Item #7

Colossus

Transportation Overview

Presented to: Vaughan Committee of the Whole

January 17, 2023



Development Context

- Proposed Colossus Site is located within the southeast quadrant of the Weston 7 Secondary Plan Area (study ongoing)
- A quadrant study was requested by Staff for the Colossus Site
- The Colossus Site is located within a Primary Centre within the OP which are intended to be predominantly mixed-use high- and mid-rise buildings, developed at an intensity supportive of transit.

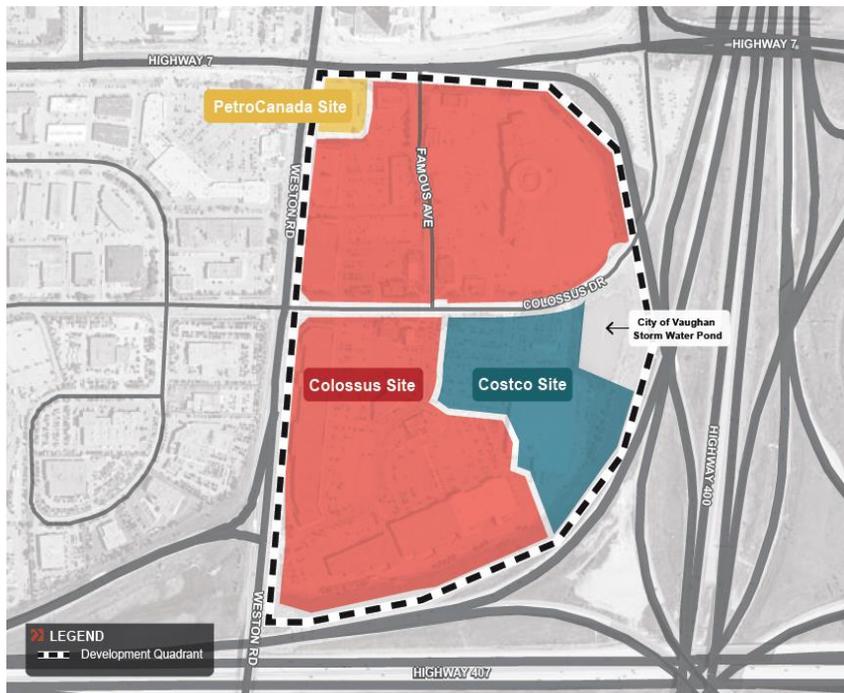


Figure 5. Weston Hwy 7 Secondary Plan Study Area

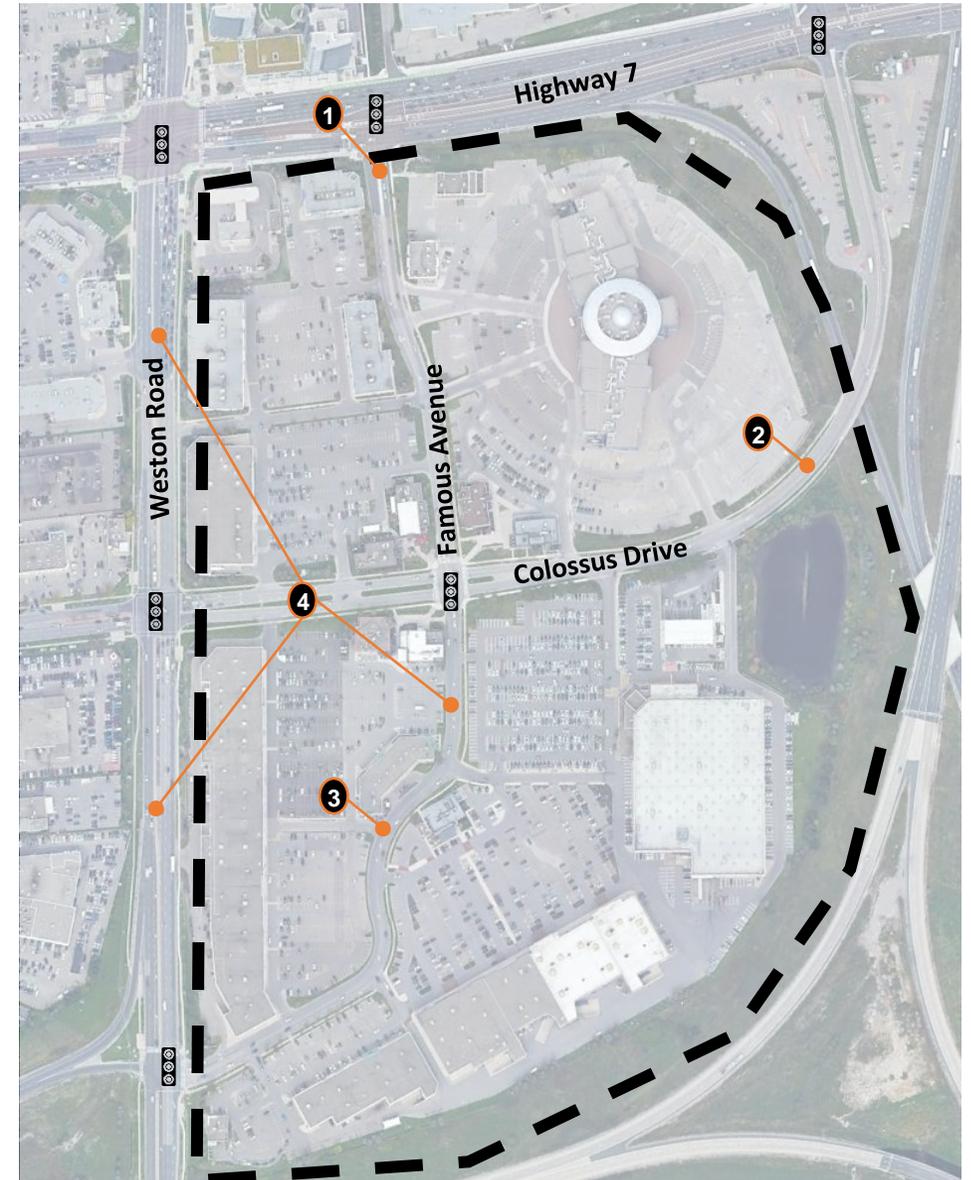
Existing and Proposed Context



Existing Context

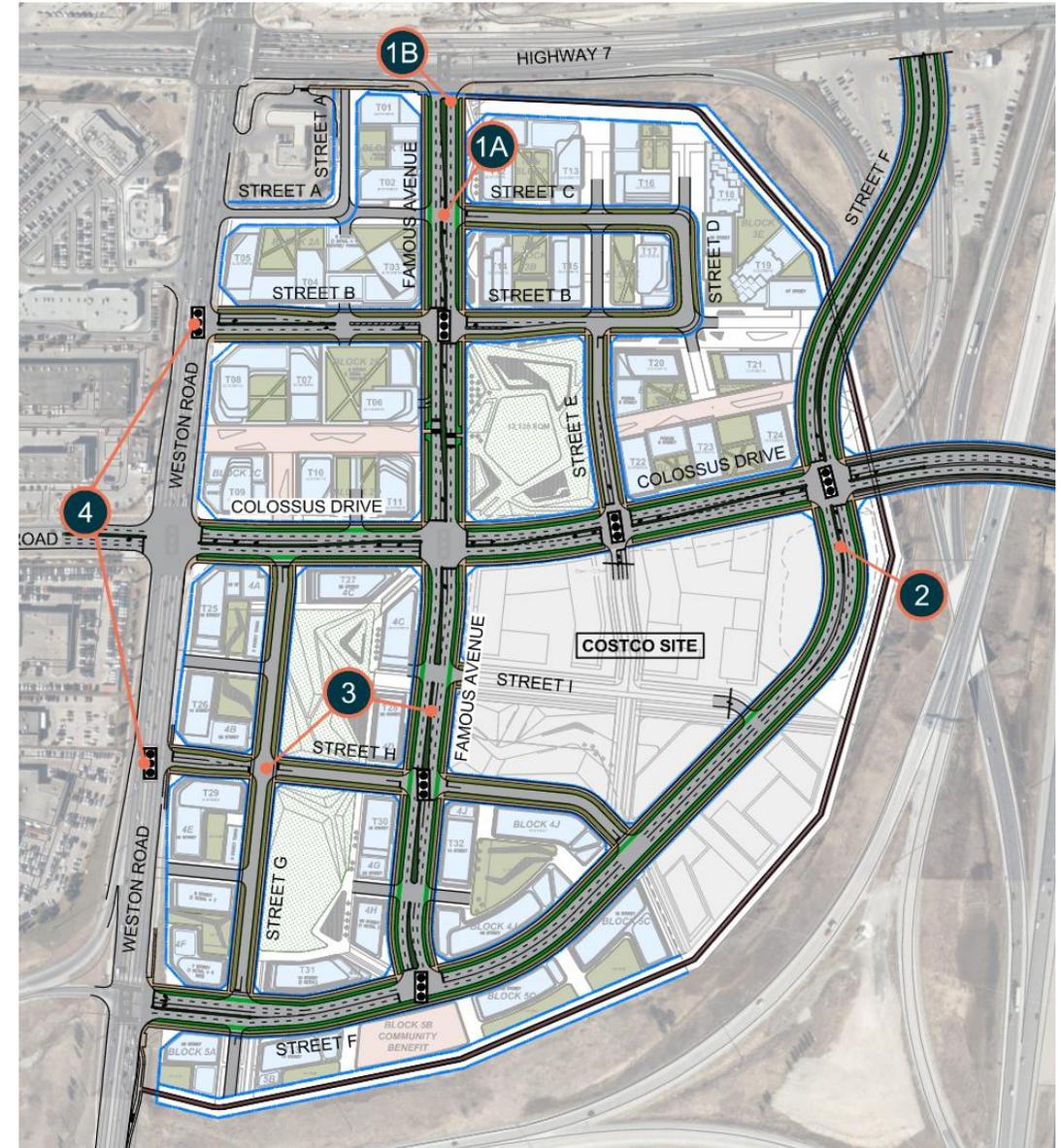
Suburban auto-oriented retail and entertainment hub dominated by surface parking.

1. Capacity constraints at Famous Avenue at Highway 7
2. Only one public road connection from the Colossus Lands to Weston Road
3. Limited public road network
4. Large distances between intersections which limits pedestrian crossing opportunities, in particular for those with limited mobility.
5. Limited network of sidewalks and mid-block crossing opportunities within the Development Quadrant Area
6. No dedicated cycling routes within the Development Quadrant Area
7. No overpass extending Colossus Drive over Highway 400.



Proposed Network Improvements

1. A) Widening of Famous Avenue south of Highway 7 to include two southbound lanes.
B) Widening of Famous Avenue at Highway 7 to add a second northbound right turn to improve intersection operations.
2. Construction of a new ring road (Street 'F') connecting Highway 7 and Weston Road.
3. Numerous new public streets providing convenient connections within the Development Quadrant and to the broader area network. The proposed street network also includes a number of improvements to existing roads and intersections intended to improve local and regional transportation connectivity.
4. Introduction of new traffic signals on Weston Road, Colossus Drive and Famous Avenue.
5. Sidewalks on both sides of all existing and proposed public streets with a minimum width of 2.1 metres.
6. Dedicated cycling facilities on both sides of existing and proposed major roads including Famous Avenue, Colossus Drive, and Street 'F'.
7. Planning for the proposed Colossus Overpass which will enhance network connections to the VMC and adjacent developments



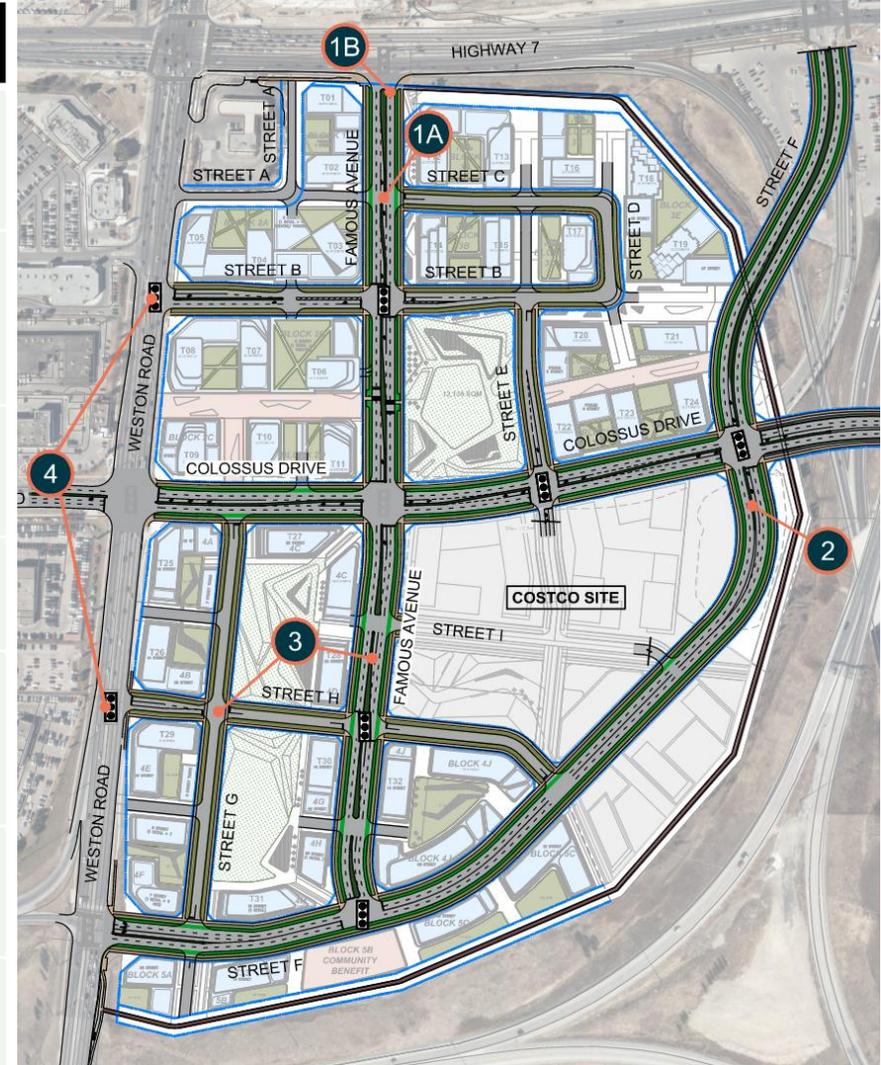
Key Road Network Changes



	Existing Road Context
1	Capacity constraints at Famous Avenue at Highway 7
2	Single public road connection from the Colossus Lands to Weston Road
3	Limited public road network
4	Large distances between intersections
5	Limited network of sidewalks and mid-block crossing opportunities
6	No dedicated cycling routes
7	No overpass over Highway 400.



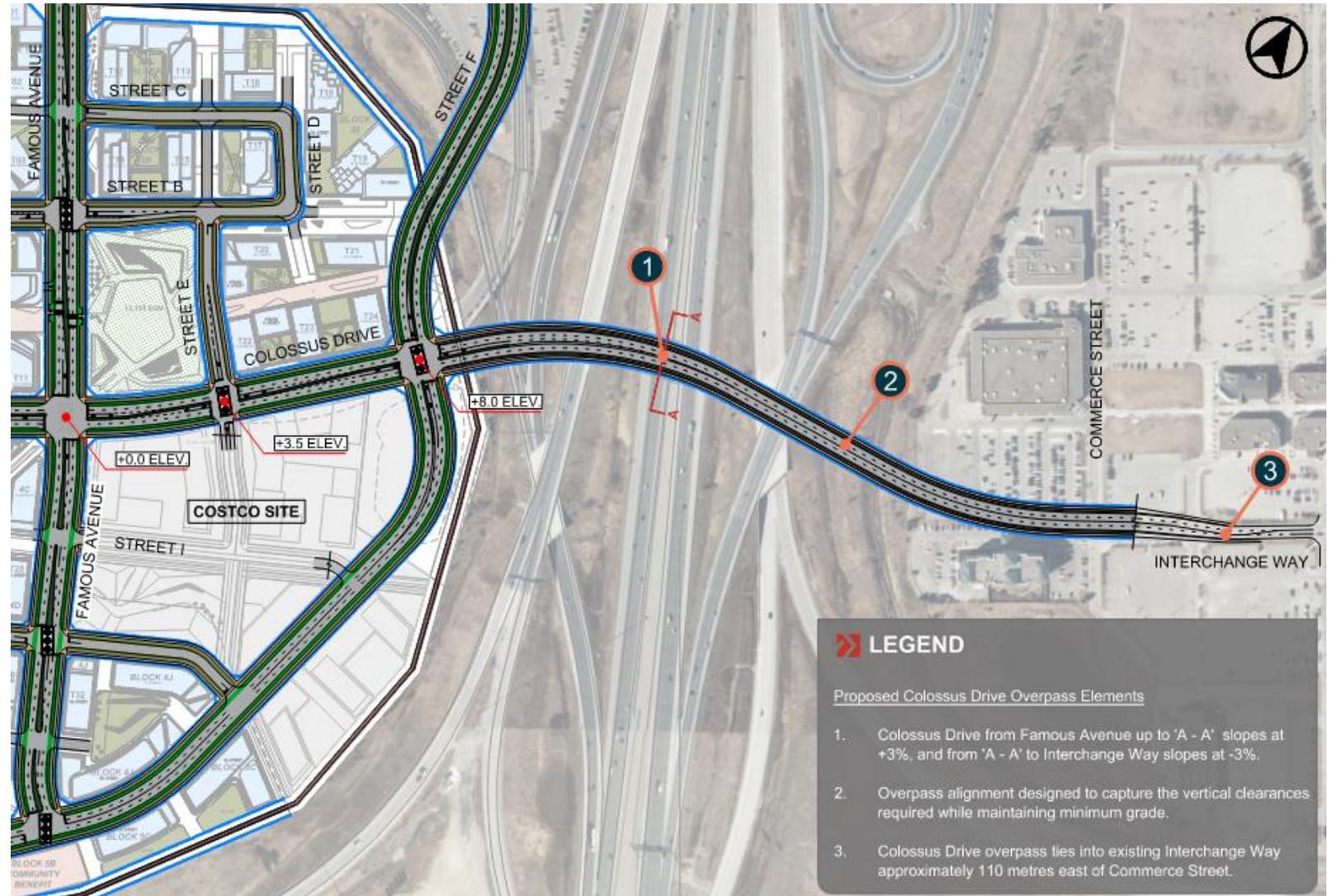
	Proposed Enhancement
	Widening of Famous Avenue (NB and SB lanes)
	Construction of a new ring road (Street 'F')
	New public street network and existing road improvements
	Introduction of numerous new traffic signals
	Sidewalks on both sides of all existing and proposed public streets
	Dedicated cycling facilities on both sides of major roads
	Planning for the proposed Colossus Overpass



Colossus Overpass

- The ongoing TMP, being done concurrently with the preparation of the Weston 7 Secondary Plan, will include the initial planning for the proposed Colossus Overpass across Highway 400.
- RioCan, in consultation with Costco, has developed a conceptual design of the bridge alignment
- Early phases of development on the RioCan lands can proceed without the construction of the Colossus Overpass.

Traffic studies will be conducted at each individual phase of development and will ascertain, in the event that the bridge has not been constructed, whether there are undue impacts onto other part of the transportation network.

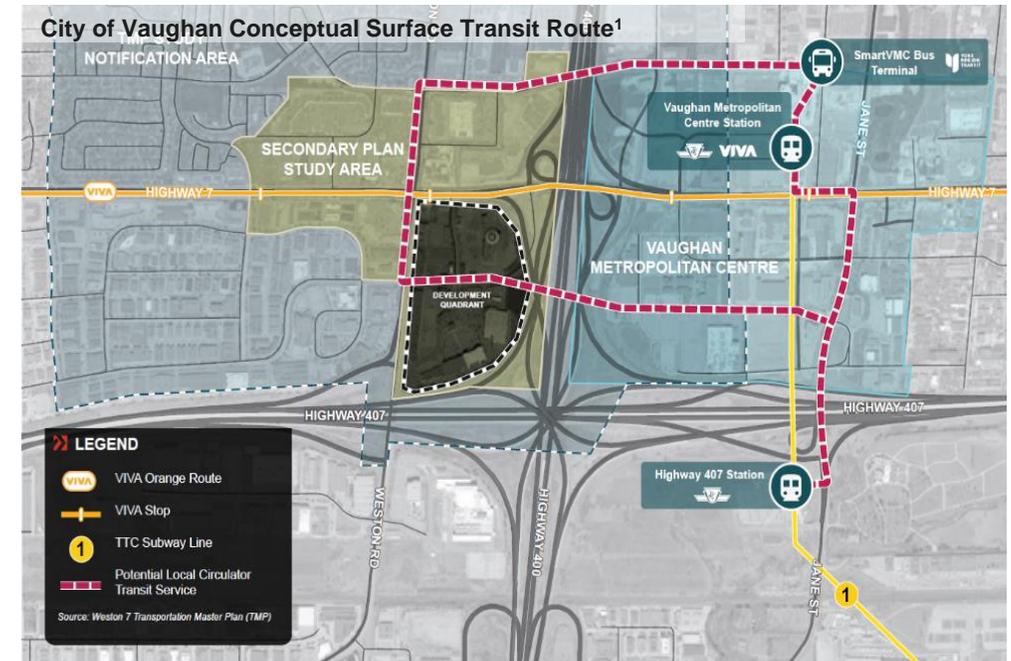
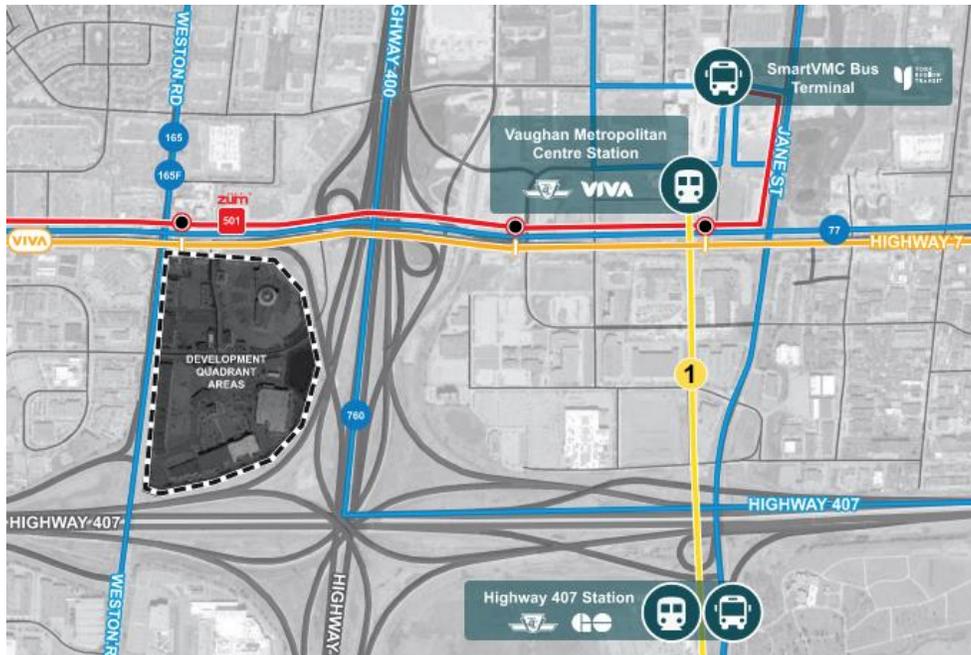


1. Onset of Development

- Development parcels in proximity to Highway 7 will be prioritized as they are already well supported by existing infrastructure
 - Highway 7 rapid transit corridor (YRT VIVA / Brampton ZUM)
 - Within walking distance from the VMC subway station
 - Adjacent to dedicated bike lanes along Highway 7
- Explore opportunities with YRT to add new surface transit routes throughout Development Quadrant to connect to the VMC

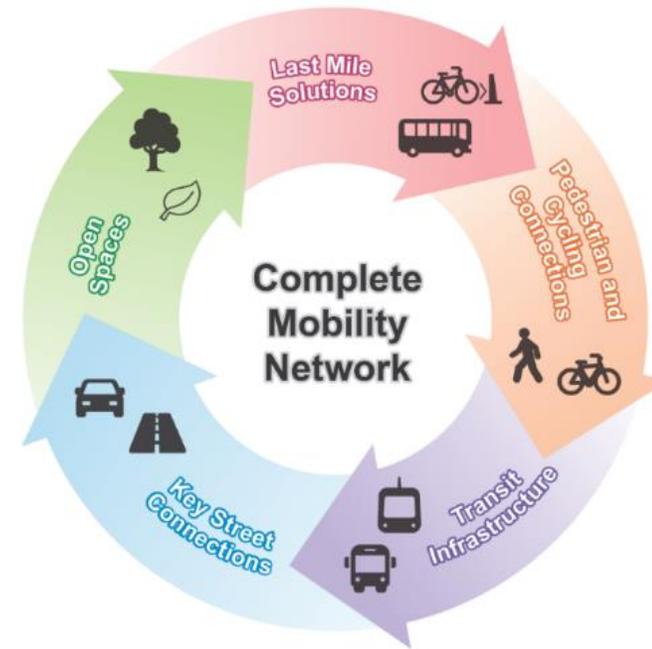
2. Future Network Needs

- Encourage York Region, the City of Vaughan and City of Toronto to implement **fare integration** between YRT and TTC (initiative currently under review by the transit agencies)
- **Increased frequency** of VIVA service along Highway 7 (as needed)
- Explore opportunities with YRT to add **new surface transit** routes throughout Development Quadrant, utilizing the Colossus Overpass, to better connect residents across the VMC and Weston 7 areas to nearby subway stations



The proposed redevelopment envisions substantial changes to the built form and aims to achieve a paradigm shift in the way people travel to, from, and within the area, allowing people to live and work without the need to travel by car.

- 1. Create a Complete Connected Community**
 - Mix of mutually-supportive land uses
- 2. Leverage Local Transit Access**
 - Facilitate and Increase Transit Use
 - Encourage Reduced Auto Ownership and Use
 - Low or No Minimum Parking Requirements
- 3. Implement a Complete Mobility Network**
 - Last-Mile solutions (micromobility)
 - Cycling Connections, Enhanced Public Realm and Pedestrian Mobility



The anticipated phasing for the Project involves incremental development of the lands from north to south, with connections to the overpass provided at later stages of development.

1. The Colossus Site is located within a Primary Centre which is intended to be predominantly mixed-use high- and mid-rise buildings, developed at an intensity supportive of transit.
2. A quadrant study was requested by Staff for the Colossus Site (submitted as part of OPA application). An area wide Transportation Study is being conducted by the City of Vaughan (ongoing).
3. The design of the street network was developed with the policies of Complete Streets at the forefront, keeping in mind the needs of all road users (vehicles, pedestrians, cyclists) and providing convenient connections within the Development Quadrant and to the broader area network.
4. Early phases of development can proceed without the construction of the Colossus Overpass. Development parcels in proximity to Highway 7 will be prioritized as they are already well supported by existing infrastructure (transit, cycling, sidewalks).
5. The proposed redevelopment envisions substantial changes to the built form and aims to achieve a paradigm shift in the way people travel to, from, and within the area, allowing people to live and work without the need to travel by car.

Next Steps

- Initial OPA submission provides foundational planning and technical materials to support the City of Vaughan's Transportation Master Plan study.
- Ongoing work and consultation on the OPA / TMP

