

York Region Rapid Transit Corporation

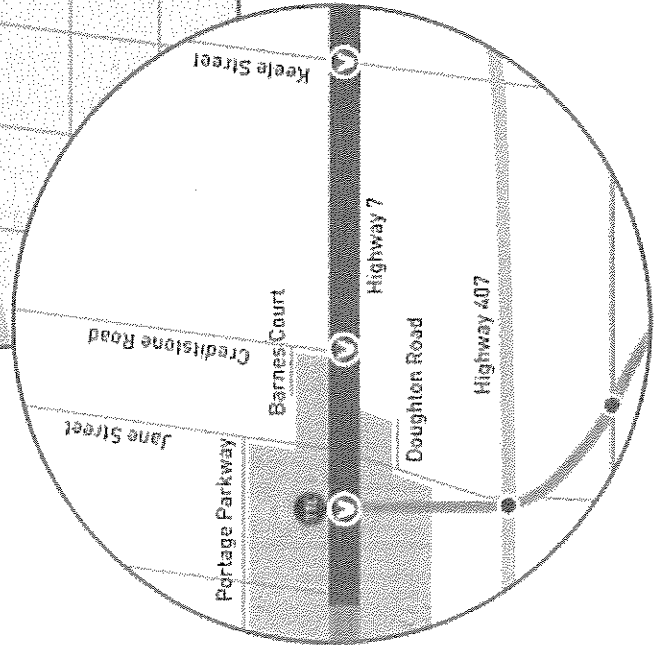
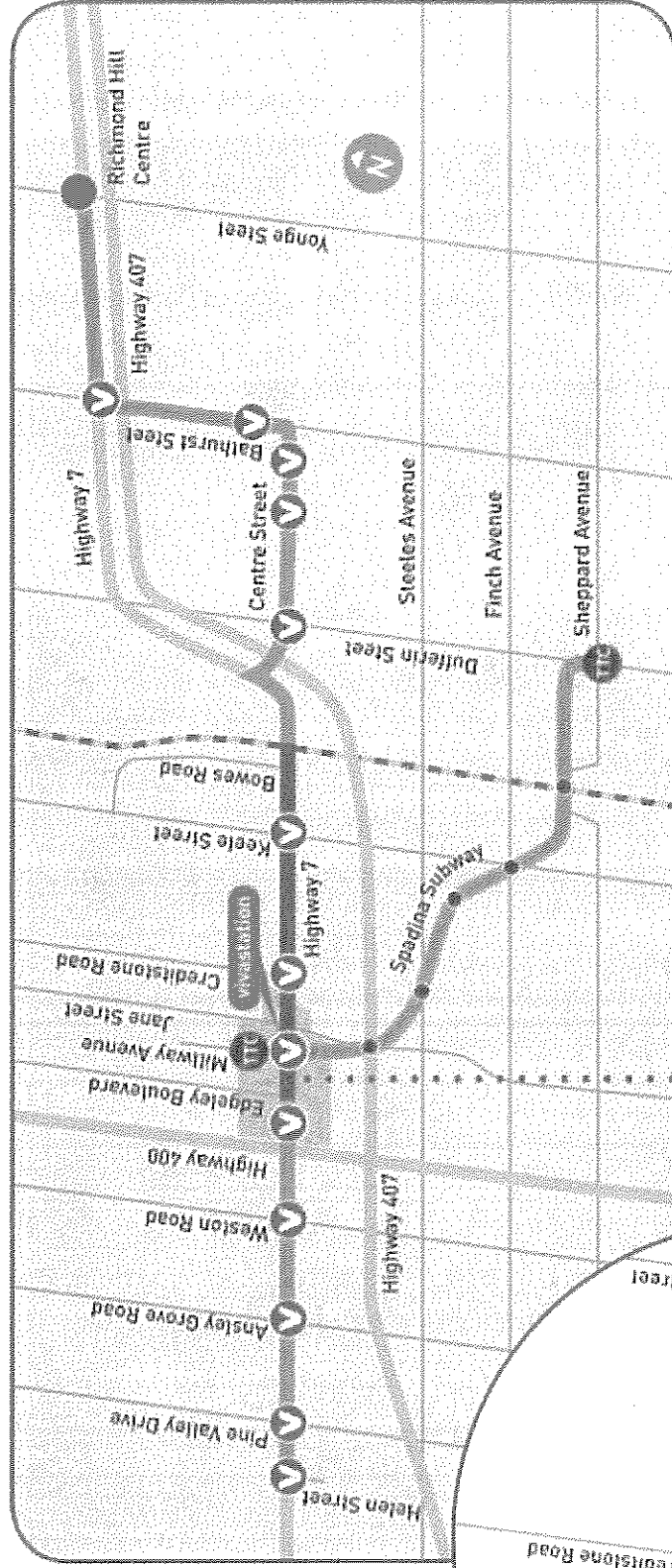
VIVANEXT



Priorities and Key Initiatives Committee | April 15, 2013
City of Vaughan

Vaughan Rapid Transit Projects

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Executive Summary

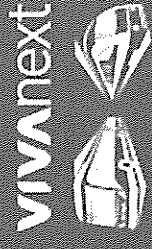
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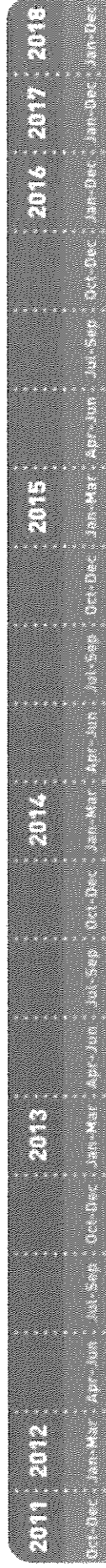
2012 – a year of significant rapid transit activity in Vaughan

- › **Rapidways & Stations**
 - › Approval from Metrolinx Board to accelerate delivery of the program by 2018 – ahead of the original timelines of 2021
 - › 3 Rapidways now under construction with design-build contract awarded to Kiewit-EllisDon (KED) for Highway 7 West (H2-VMC) from VMC to Bowes Road
 - › Highway 7 East (H3) and Davis Drive (D1) under heavy construction
- › **Spadina Subway Extension**
 - › Work to facilitate tunnelling in York Region underway
 - › Start of construction on all 3 stations in York Region: Black Creek Pioneer Village Station, 407 Station and Vaughan Metropolitan Centre Station (VMC)
- › **Yonge North Subway Extension**
 - › Announced as part of the Metrolinx Big Move – “Next Wave Projects”
 - › Estimated capital cost: \$3.1 billion
 - › Conceptual plan completed and staff proceeding with Transit Project Assessment Process (TPAP) amendment for the train storage facility
 - › 75% funded by the Region - \$4.1 million is the budget contribution

Vaughan Rapid Transit Projects



Construction timeline



Construction extending Spadina Subway from Downsview Station to Vaughan

Millway Avenue closed for subway station construction

Rapidway pre-construction: Edgeley Blvd. to Bowes Rd.

Rapidway phase 1 construction: Edgeley Blvd. to Bowes Rd.

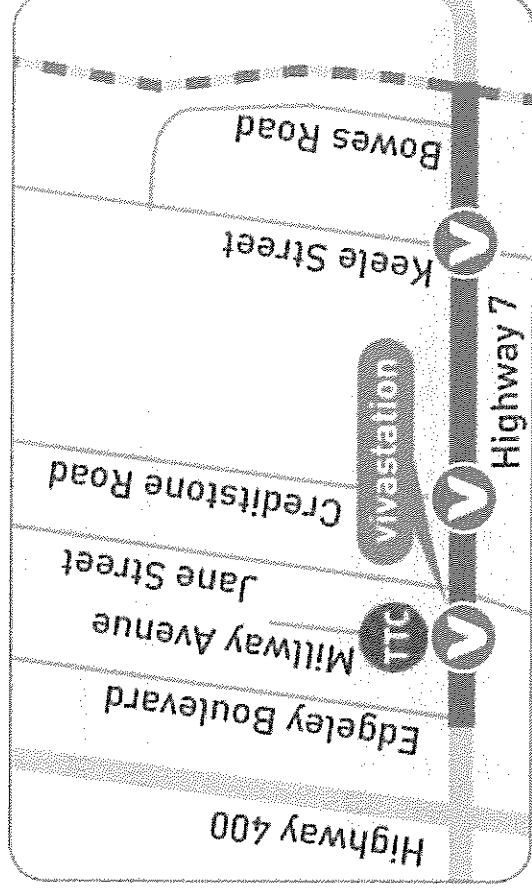
Rapidway phase 2 construction: West of Edgeley Blvd. to Helen St., and east of Bowes Rd. to Yonge St.

*Schedule subject to change

H2-VMC Rapidway – Bus Rapid Transit



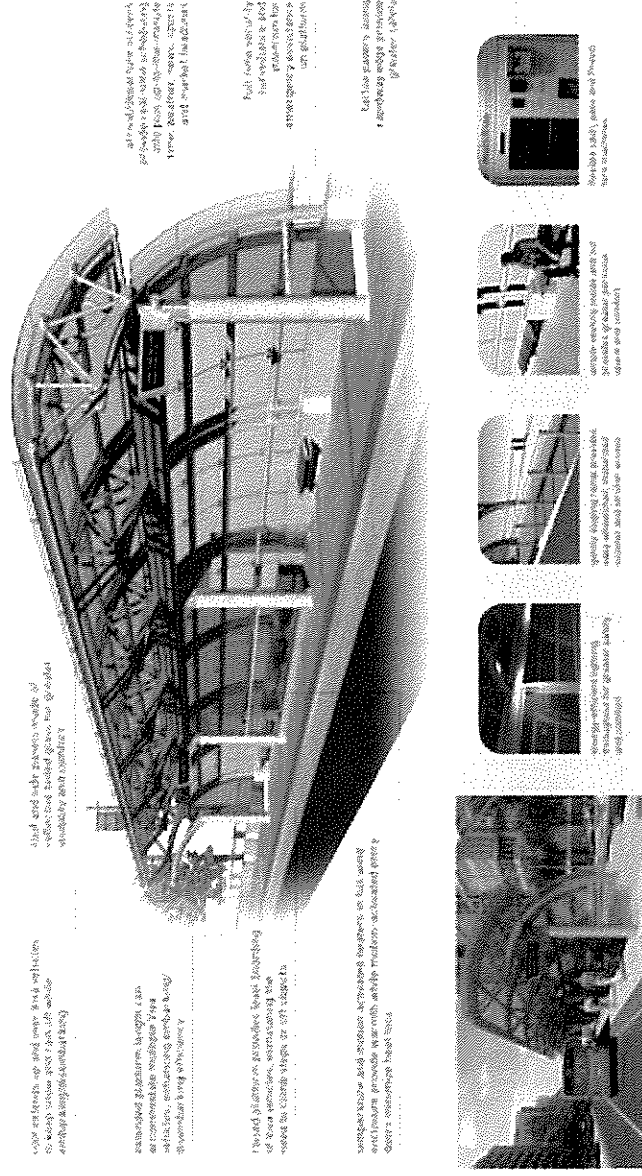
- **Commenced work for rapidway construction on Highway 7 West at Vaughan Metropolitan Centre**
 - Geotechnical
 - Tree removals in preparation for retaining walls, utility relocation and road widening
- **Expropriation underway for additional properties from Edgeley Blvd. to Bowes Road**
- **Project Completion in 2016**



H2-VMC Rapidway – Bus Rapid Transit

Highway 7 West – Phase 2 (H2 excluding H2-VMC):

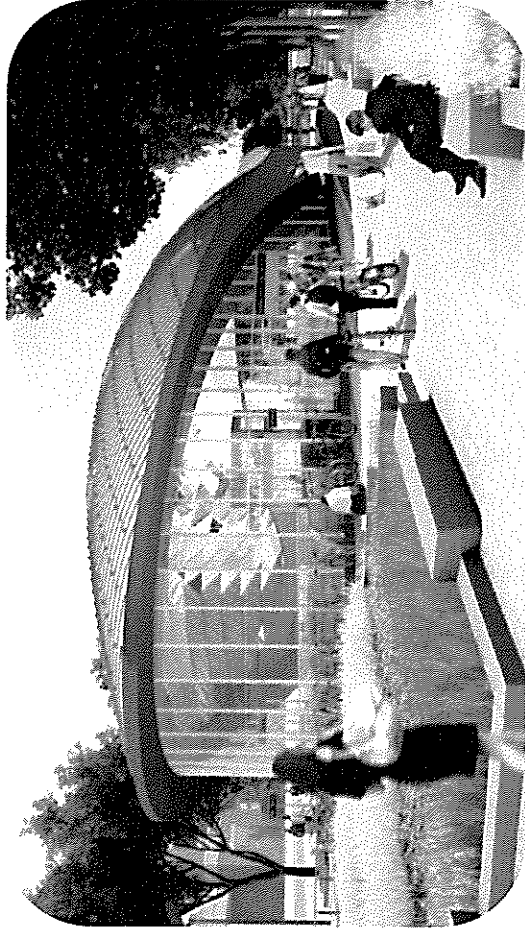
- Project Length: Approximately 12.7km
 - Full rapidways on:
 - Bathurst Street from Highway 407 south to Centre Street
 - Centre Street from Bathurst Street east to Dufferin Street
 - Highway 7 from Commerce Street to Helen Street
- 8 centre median stations (i.e. 16 platforms), 1 set of curbside and centre median platform combinations (i.e. 2 platforms) on Bathurst/Highway 7 Ramp



Subway Meets Rapidway



VMC Station



VMC vivastation



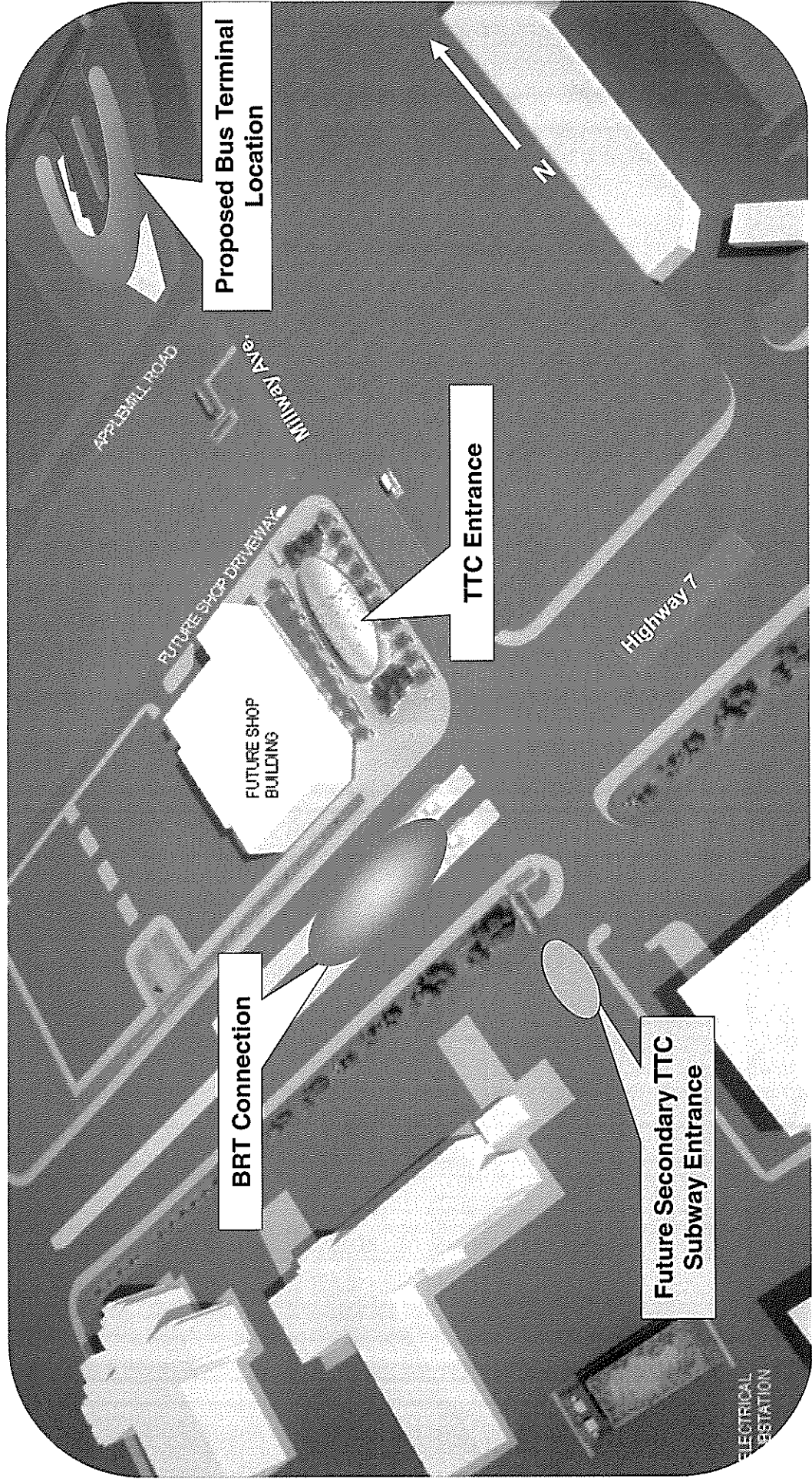
VMC Bus Terminal



Subway Meets Rapidway - H2 VMC



VMC Station Project Elements

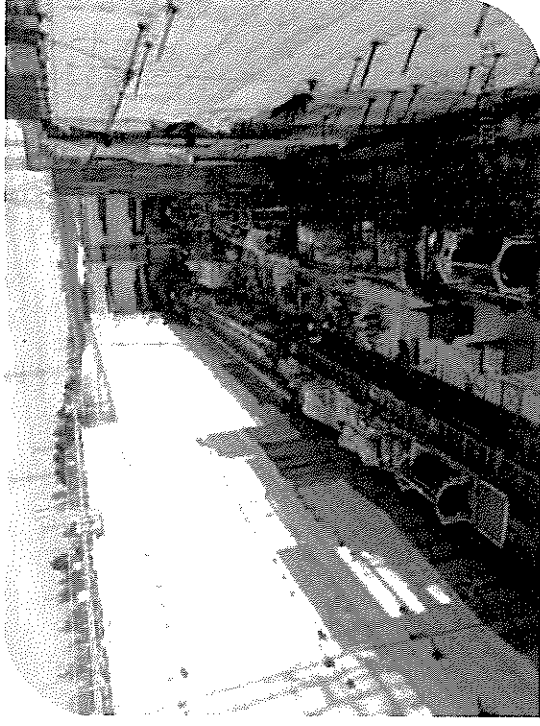
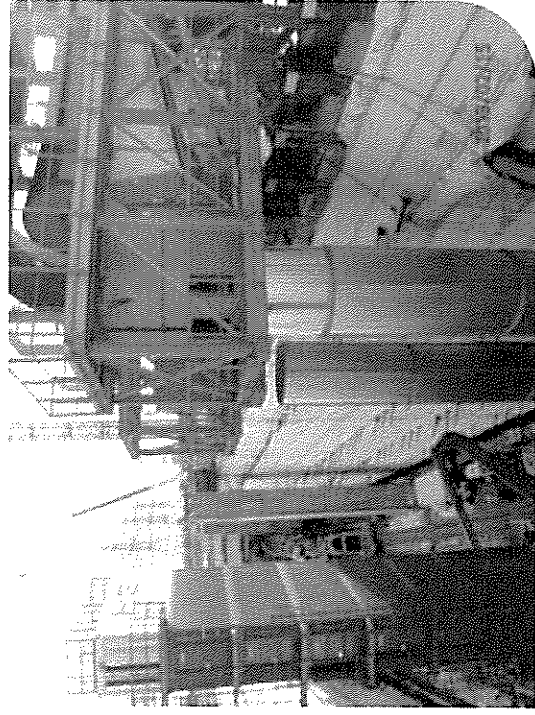
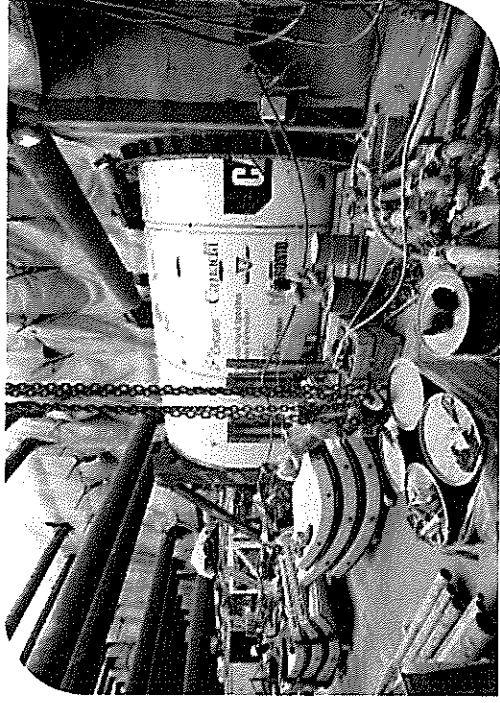
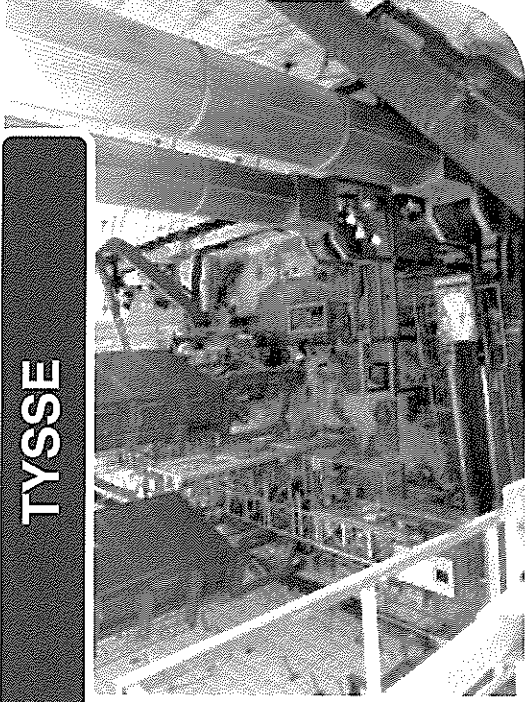


Project Status - Construction Spadina Subway Extension Highlights

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TYSSE

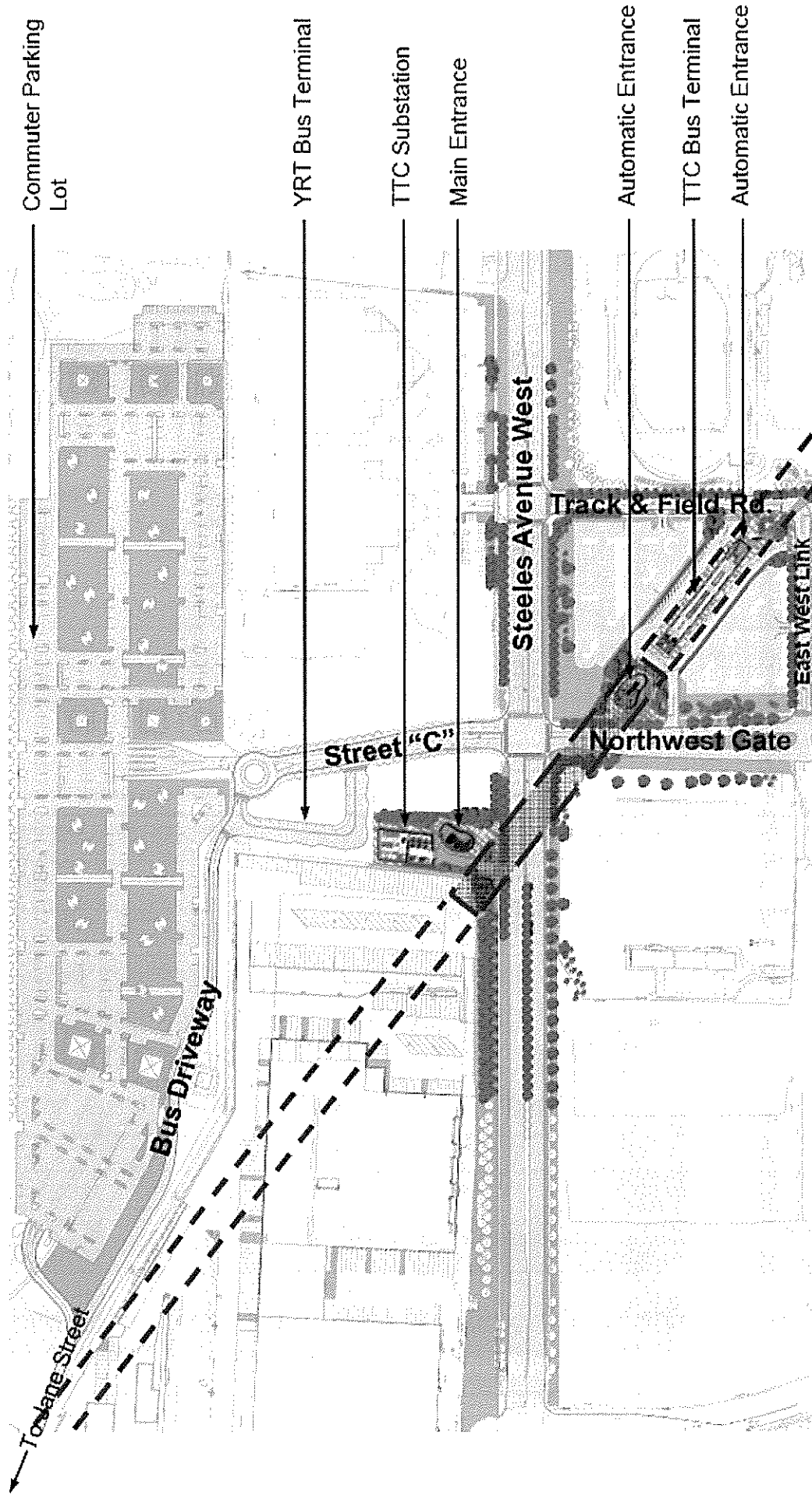


TYSEE - Project Overview

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Black Creek Pioneer Village Station (formerly Steeles West Station)

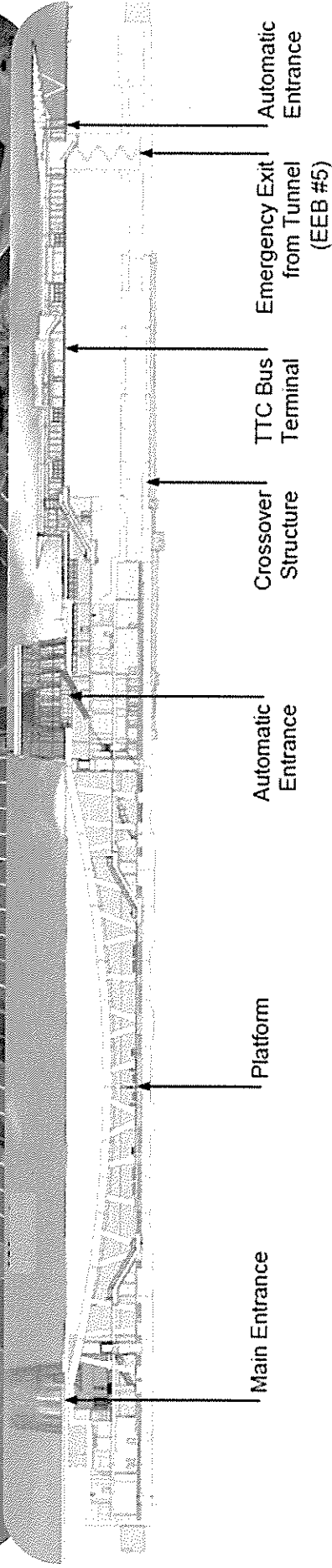


TYSSE - Project Overview

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Black Creek Pioneer Village Station

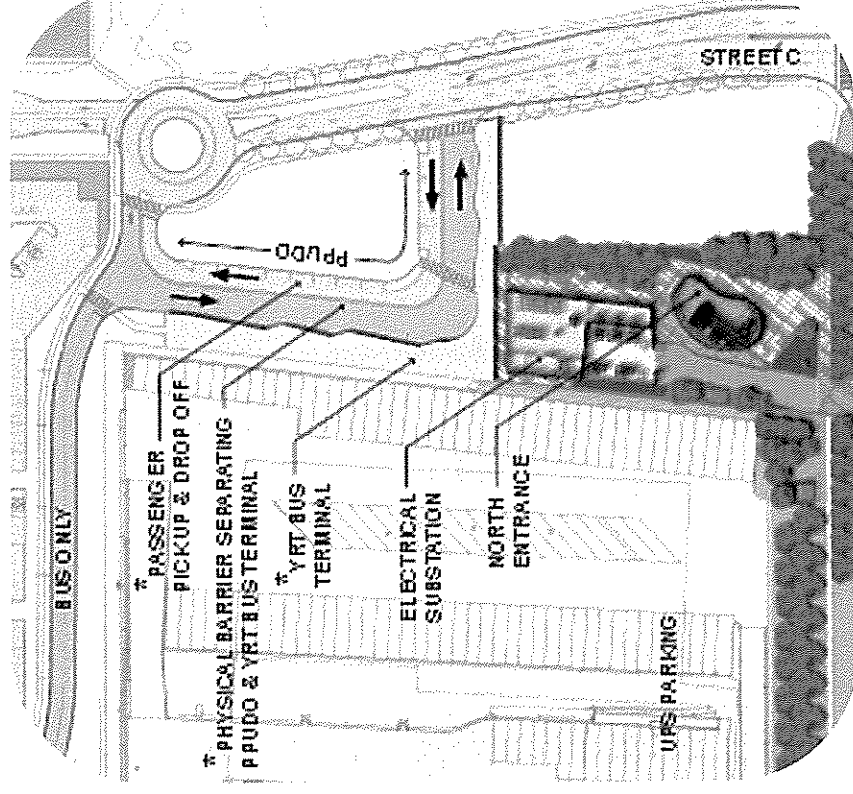
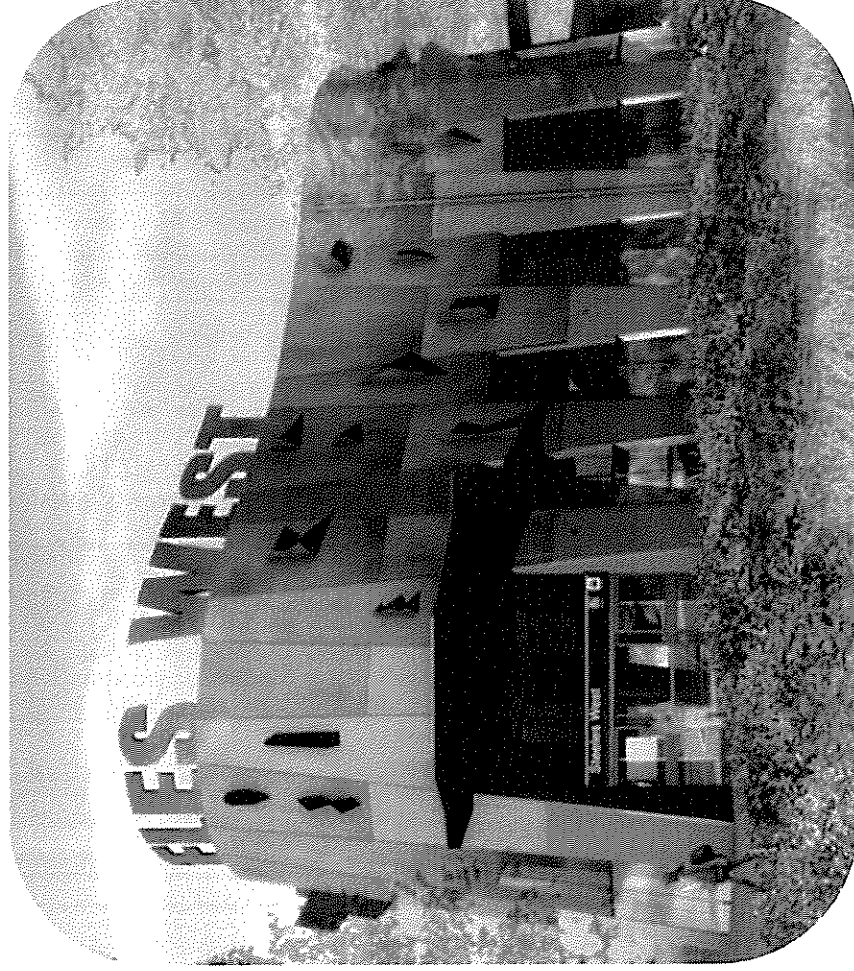


TY SSE - Project Overview

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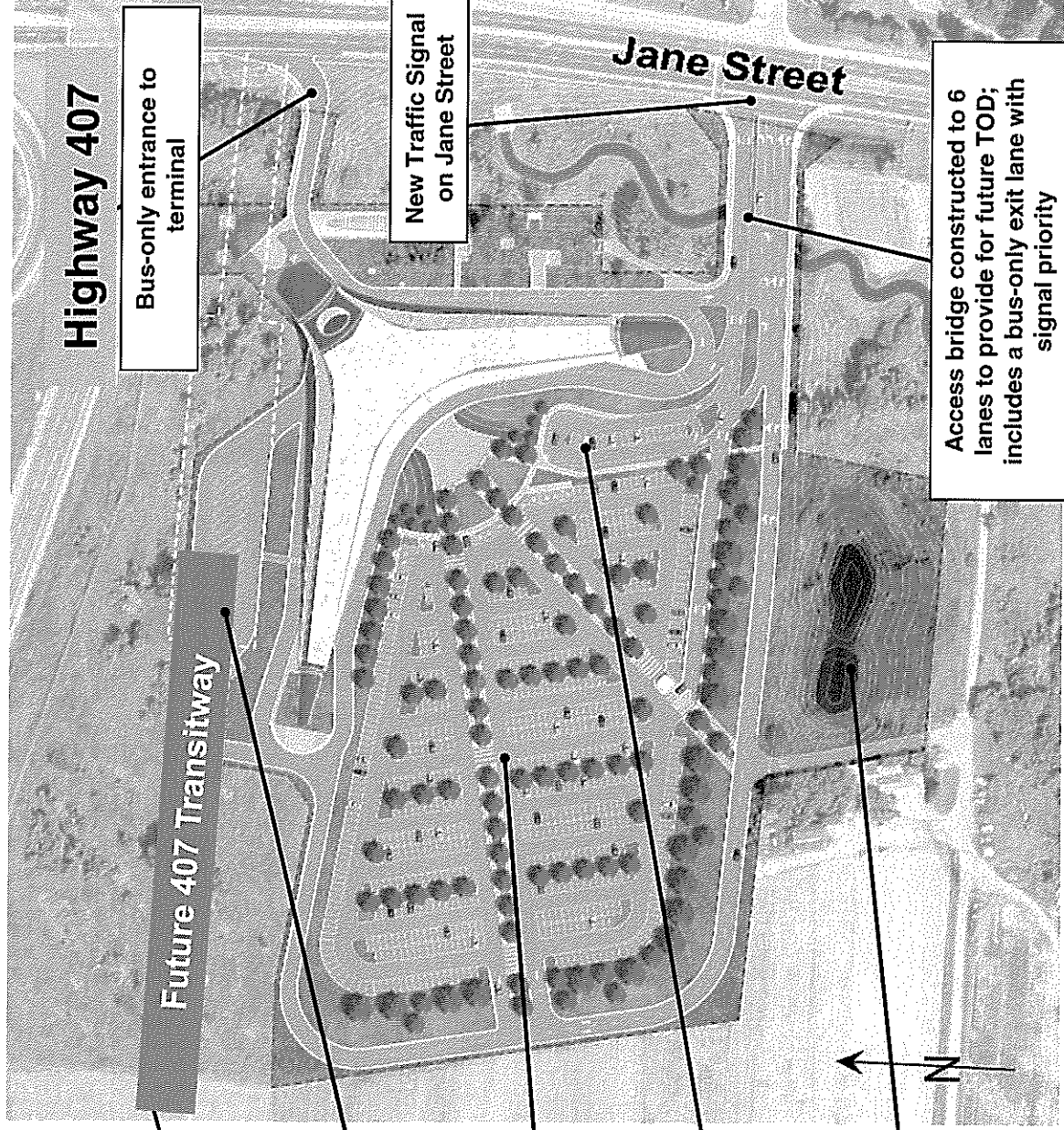
Black Creek Pioneer Village Station



TYSSE - Project Overview



Highway 407 Station



Future 407 Transitway

Highway 407

Bus-only entrance to terminal

New Traffic Signal on Jane Street

Jane Street

Access bridge constructed to 6 lanes to provide for future TOD; includes a bus-only exit lane with signal priority

Protect for future 407 Transitway construction

Layover parking for GO Transit and YRT

600 space TTC commuter parking lot

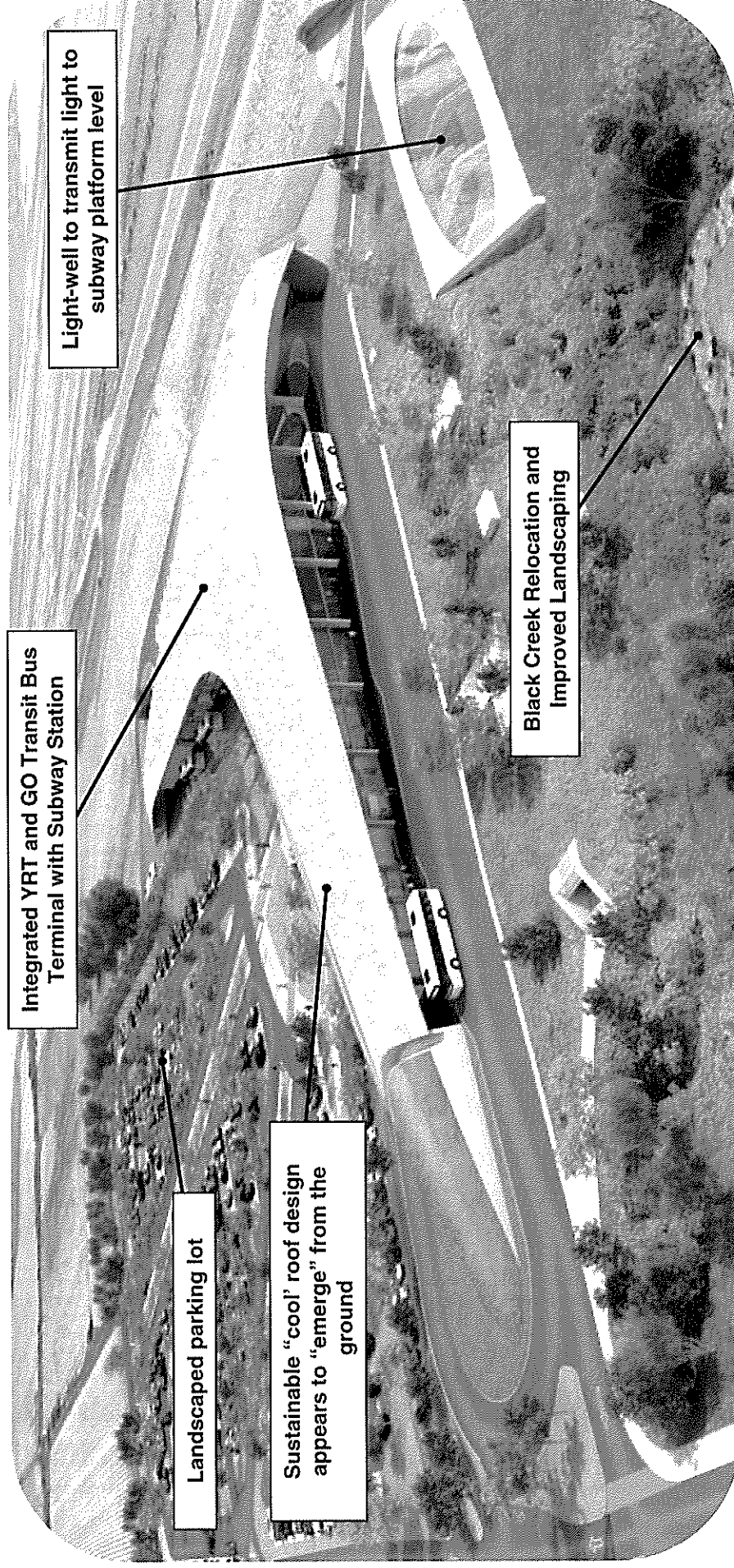
Passenger Pick-up and Drop-off (PPUDO) Facility

SWM Pond to provide quality and quantity treatment for stormwater

TY SSE - Project Overview



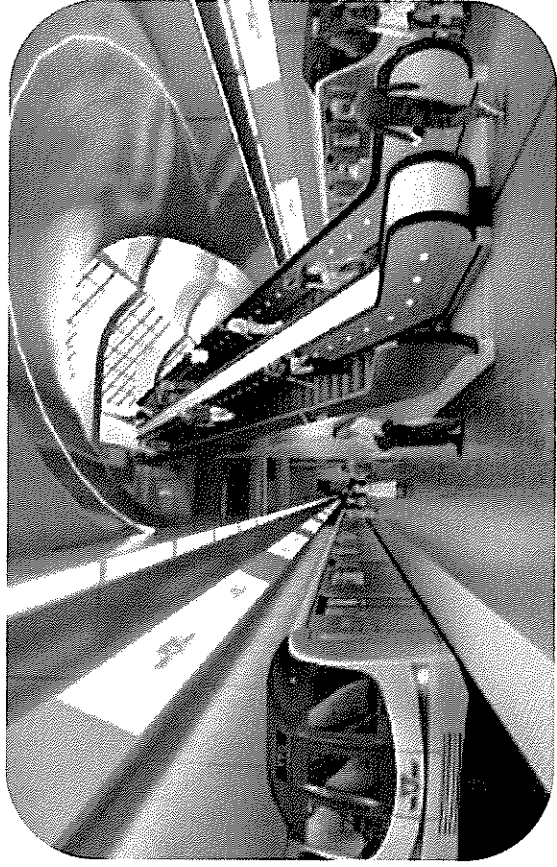
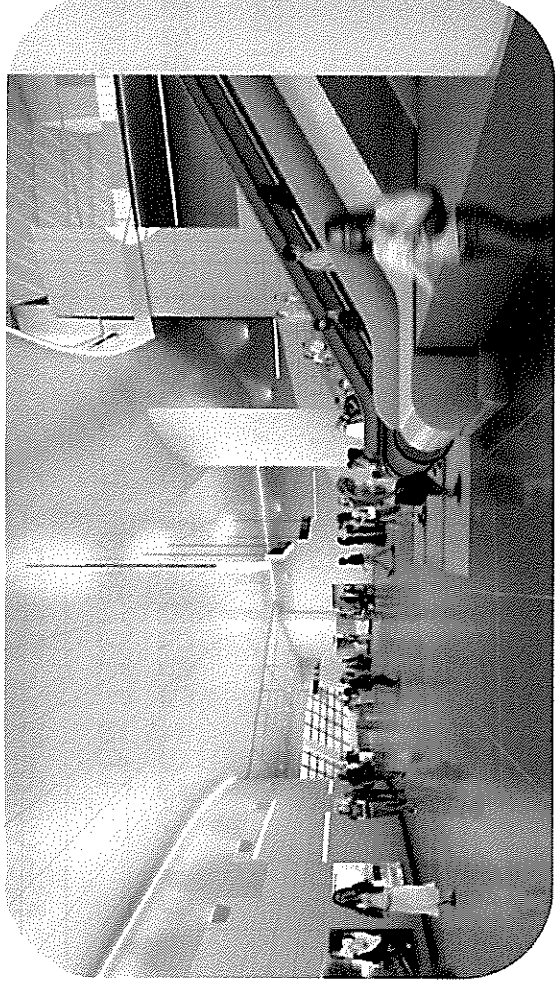
Highway 407 Station



Looking Northwest

TYSSE - Project Overview

Highway 407 Station



Yonge North Subway Extension Tail Track TPAP Update



June 2007 – MoveOntario 2020

- Yonge Subway Extension was one of 52 rapid transit projects

October 2008 – Transit Project Assessment Process (TPAP)

- The TTC and the City of Toronto became co-proponents

November 2008 – Metrolinx Regional Transportation Plan

- Yonge Subway Extension one of the Top 15 Priorities

April 2009 – Transit Project Assessment Approved by the MOE

- Approval granted with no conditions

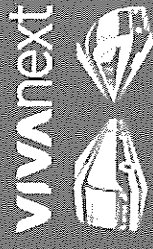
April 2009 to present – Advanced the project

- Conceptual Design Study
- TTC Subway Rail Yard Needs Study
- Benefits Case Analysis
- Advocacy for funding

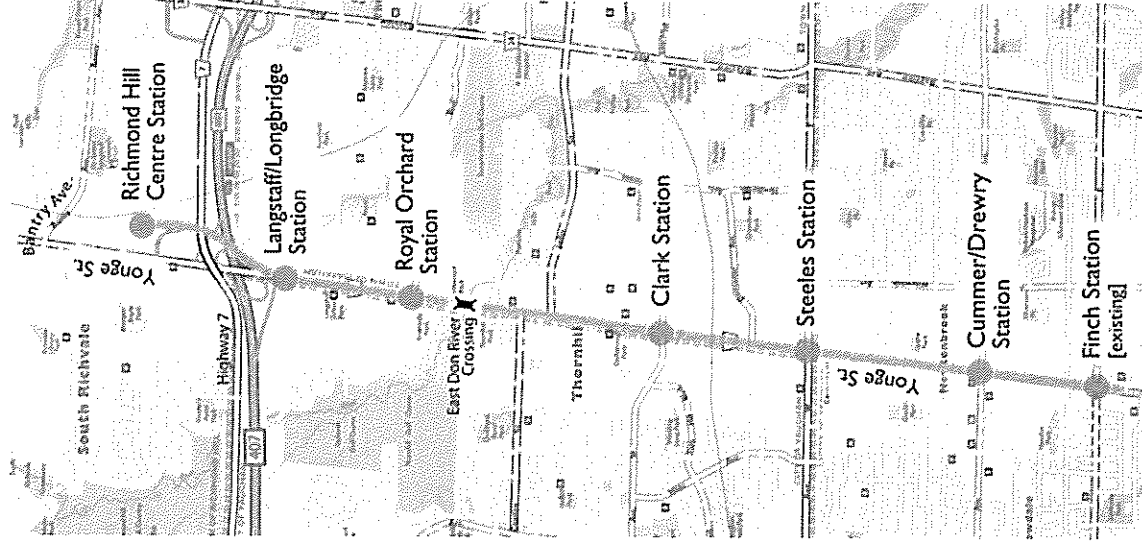
2013 – Maintained priority position

- Metrolinx announced Yonge Subway extension in the “Next Wave Projects”
- Investment Strategy Tools released by Metrolinx and Toronto Board of Trade

Yonge North Subway Extension Tail Track TPAP Update



- › Staff presented the findings of the Yonge Subway Conceptual Design Study in April 2012
 - › Board endorsed the findings of the Conceptual Design Study
 - › Staff were authorized to complete an amendment to the Transit Project Assessment Process (TPAP) to incorporate the train storage facility
- › TTC Commission authorized staff to proceed with the TPAP amendment in May 2012
- › Staff committed to reporting back to the Board prior to going out to the public



Yonge North Subway Extension Tail Track TPAP Update



- › Proposed Public Consultation process*:
 - › Technical Advisory Committee – March 18
 - › Richmond Hill Committee of the Whole – April 15
 - › Public Consultation – May 1
- › Staff will report back to the Board in May with the preliminary preferred option for train storage
- › A second round of consultation is planned for June to present the preferred option, impacts, and mitigation
- › The TPAP amendment will be filed on the public record in the Fall

** Dates subject to confirmation*

Metrolinx's Investment Strategy



- › Released Short List of Proposed Investment Tools (April 2)

<u>Tool</u>	<u>Estimated Annual Collection</u>
› Sales Tax	\$1.4 B
› Employer Payroll Tax	\$700 M
› Fuel Tax	\$330 M
› Development Charges	\$100 M
› Land Value Capture	\$n/a
› Parking Space Levy	\$1.4 B
› Property Tax	\$670 M
› Transit Fare Increase	\$50 M
› Vehicle Kilometres Travelled Fee	\$1.6 B
› High Occupancy Tolls	\$25 M
› Highway Tolls	\$1.4 B

Metrolinx's Investment Strategy

- › Investment Strategy Report to be issued by June 1, 2013
- › York Region continues efforts to advance the vivaNext plan and secure funding for the Yonge Subway Extension

Yonge Subway Funding

