

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF APRIL 23, 2013

Item 2, Report No. 3, of the Priorities and Key Initiatives Committee, which was adopted without amendment by the Council of the City of Vaughan on April 23, 2013.

**2 YORK REGION RAPID TRANSIT UPDATE
CITY-WIDE**

The Priorities and Key Initiatives Committee recommends:

- 1) That the recommendation contained in the following report of the Commissioner of Engineering and Public Works, dated April 15, 2013, be approved;**
- 2) That Metrolinx be urged to immediately provide \$100 million to allow the Yonge North Subway Extension to continue into the preliminary engineering stage of development; and**
- 3) That Communication C4, titled “York Region Rapid Transit Corporation”, dated April 15, 2013, be received.**

Recommendation

The Commissioner of Engineering and Public Works recommends:

1. THAT the presentation from York Region Rapid Transit Corporation staff on the status of rapid transit projects in Vaughan be received.

Contribution to Sustainability

Higher order transit infrastructure such as the Spadina and Yonge Subway Extension projects and the VivaNext Highway 7 Bus Rapid Transitway will support compact urban form and will offer an alternative mode of transportation to the single occupant vehicle.

Economic Impact

There is no economic impact resulting from the recommendations of this report.

Communication Plan

There is no communication plan associated with this report.

Purpose

The purpose of this report and associated presentation from York Region Rapid Corporation staff is to provide Council with the status of the rapid transit projects in Vaughan.

Background –Analysis and Options

The construction of the Toronto-York Spadina Subway Extension is well underway. The first stage of the VivaNext Rapidway in Vaughan, which extends along Highway 7 from Edgely Boulevard to approximately Bowes Road, is scheduled to be completed concurrently with the opening of the Toronto-York Spadina Subway Extension in 2016.

On November 26, 2012, Metrolinx announced the next wave of The Big Move transit projects including the Yonge subway line north into Vaughan. Accordingly, staff has arranged a presentation from YRRTC staff which will touch on the status of the following transit projects:

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EXTRACT FROM COUNCIL MEETING MINUTES OF APRIL 23, 2013

Item 2, Priorities Report No. 3 – Page 2

- VivaNext Rapidway H2-VMC – Edgeley to Bowes Road
- Balance of H2 Rapidway – West of Edgeley and east of Bowes Road
- Toronto-York Spadina Subway Extension
- VMC York Region Transit Bus Terminal
- Metrolinx Next Wave projects – Yonge subway extension

Relationship to Vaughan Vision 2020/Strategic Plan

This report is consistent with the priorities previously set by Council and the necessary resources have been allocated and approved.

Regional Implications

York Region is responsible for the funding and operation of public conventional and specialized transit services throughout York Region.

Conclusion

The presentation from YRRTC staff will provide an update on the status of the key rapid transit project in Vaughan.

Attachments

None

Report Prepared By:

Andrew Pearce, Director of Development / Transportation Engineering, Ext. 8255

York Region Rapid Transit Corporation

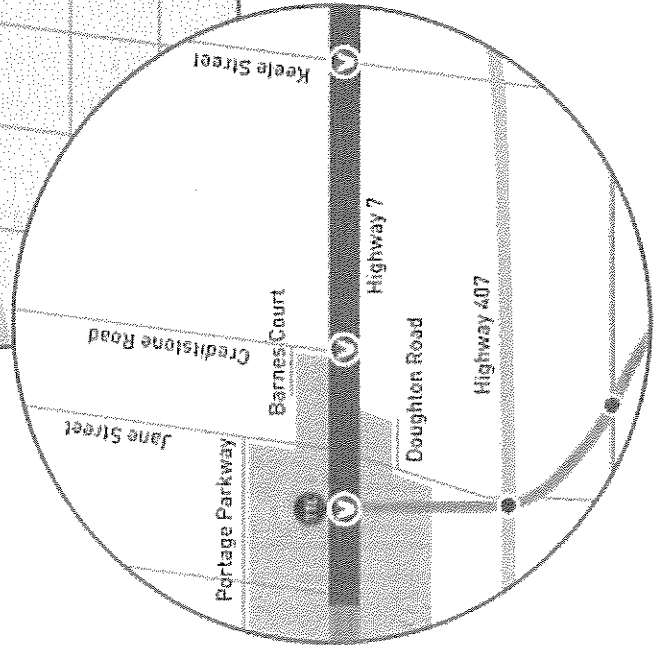
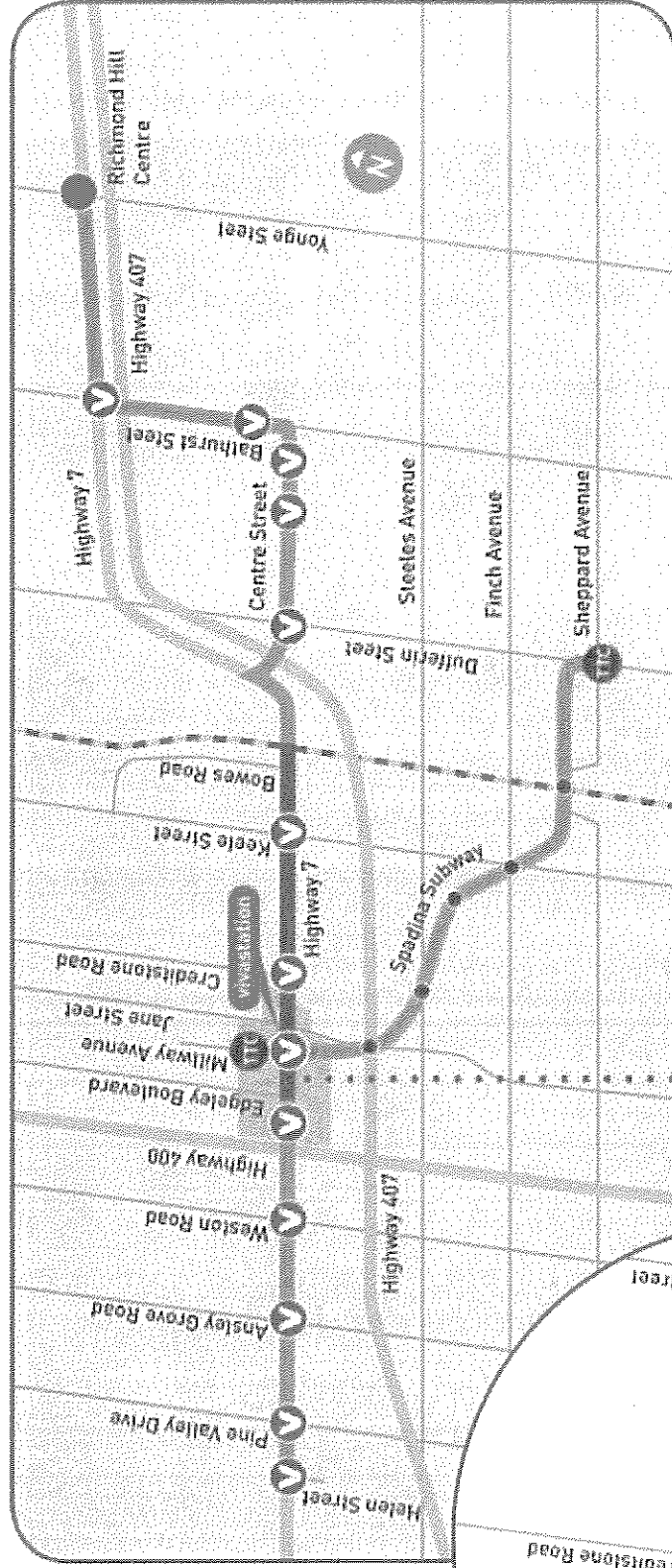
VIVANEXT



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

Vaughan Rapid Transit Projects

vivamnext



Executive Summary

VIVANEXT



2012 – a year of significant rapid transit activity in Vaughan

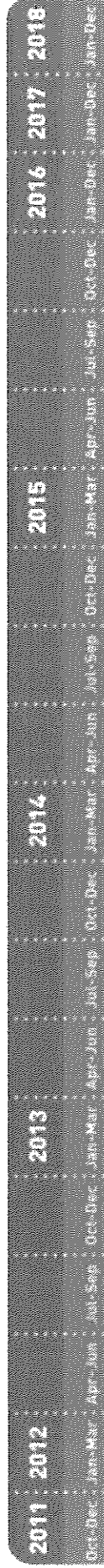
- › **Rapidways & Stations**
 - › Approval from Metrolinx Board to accelerate delivery of the program by 2018 – ahead of the original timelines of 2021
 - › 3 Rapidways now under construction with design-build contract awarded to Kiewit-EllisDon (KED) for Highway 7 West (H2-VMC) from VMC to Bowes Road
 - › 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

VIVANEXT



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.

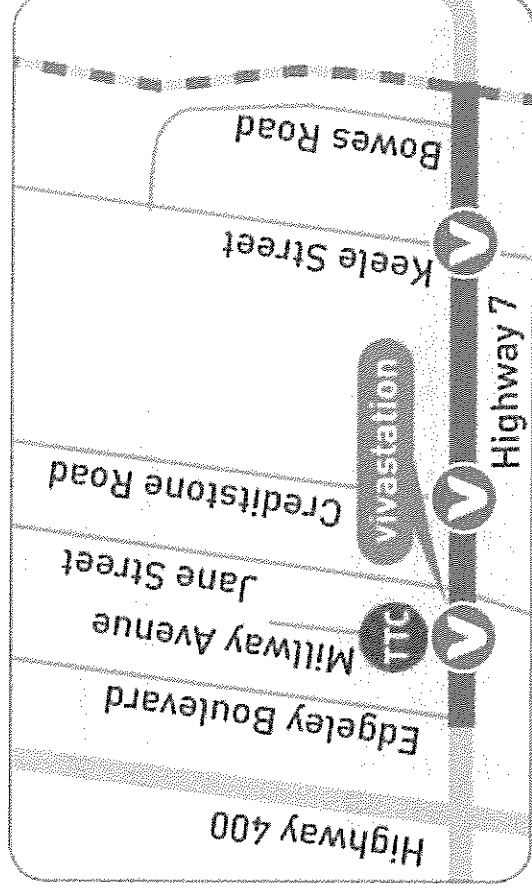
Rapidway phase 2 construction: West of Edgeley Blvd. to Helen St., and east of Bowes Rd. to Yonge St.

*Schedule subject to change

H2-VMC Rapidway – Bus Rapid Transit



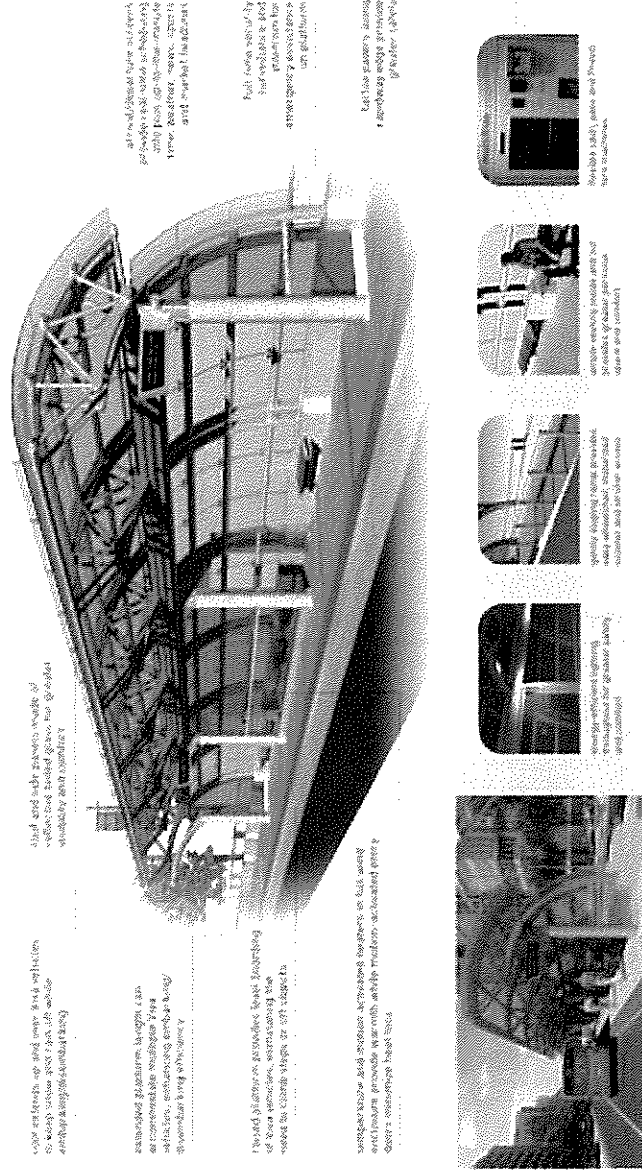
- **Commenced work for rapidway construction on Highway 7 West at Vaughan Metropolitan Centre**
 - Geotechnical
 - Tree removals in preparation for retaining walls, utility relocation and road widening
- **Expropriation underway for additional properties from Edgeley Blvd. to Bowes Road**
- **Project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



H2-VMC Rapidway – Bus Rapid Transit

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

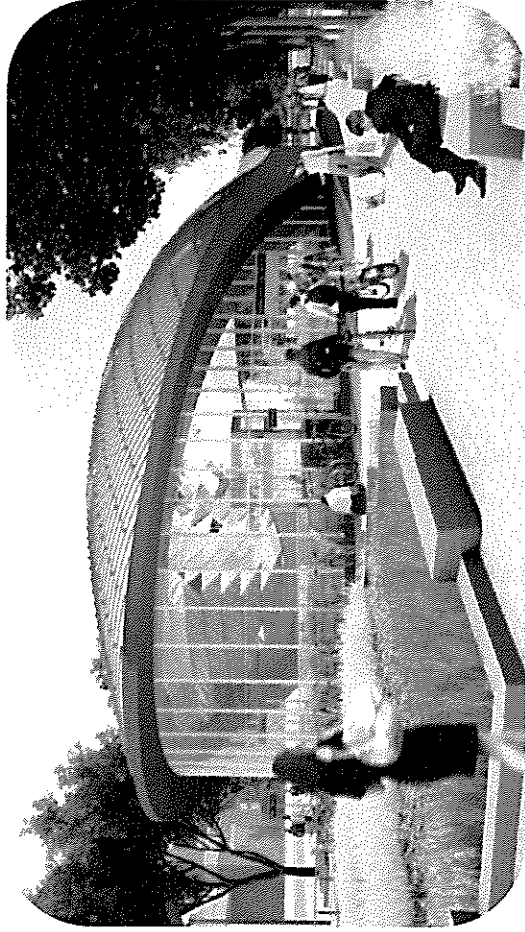
- Project Length: Approximately 12.7km
 - Full rapidways on:
 - Bathurst Street from Highway 407 south to Centre Street
 - Centre Street from Bathurst Street east to Dufferin Street
 - Highway 7 from Commerce Street to Helen Street
 - 8 centre median stations (i.e. 16 platforms), 1 set of curbside and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



Subway Meets Rapidway



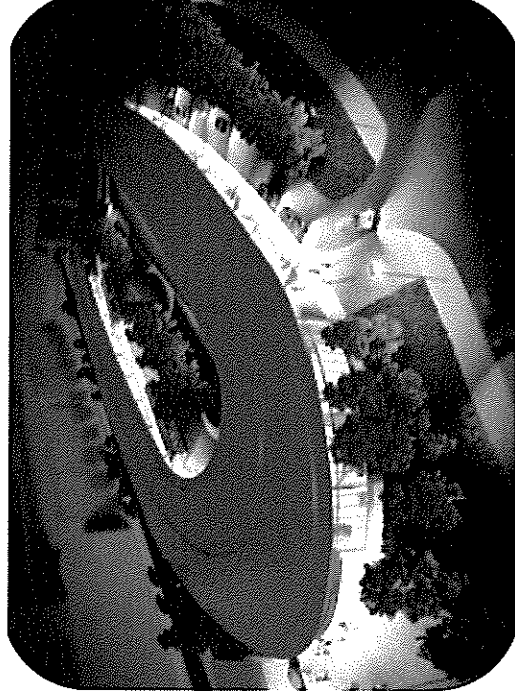
VMC Station



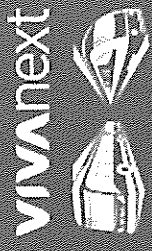
VMC vivastation



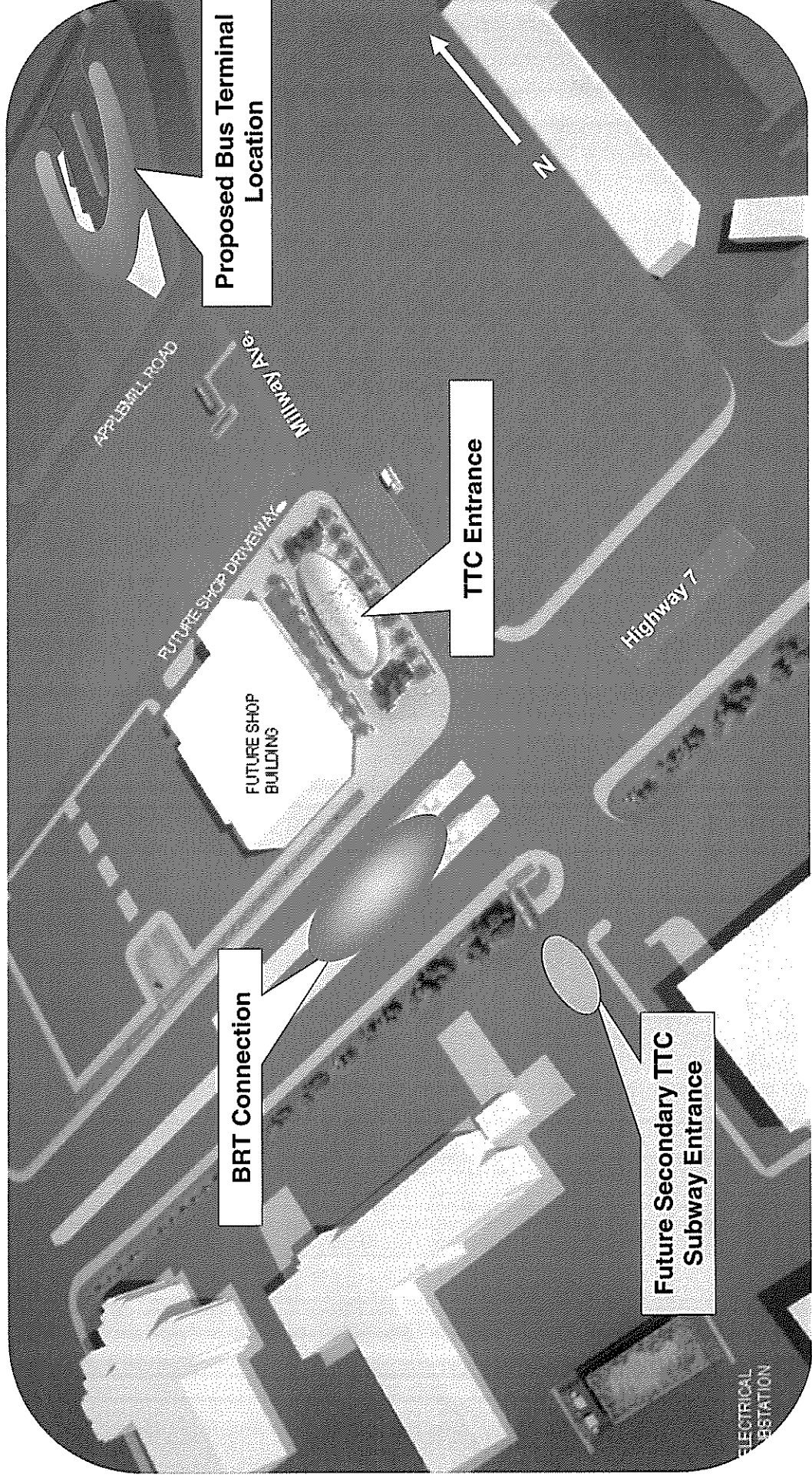
VMC Bus Terminal



Subway Meets Rapidway - H2 VMC



VMC Station Project Elements

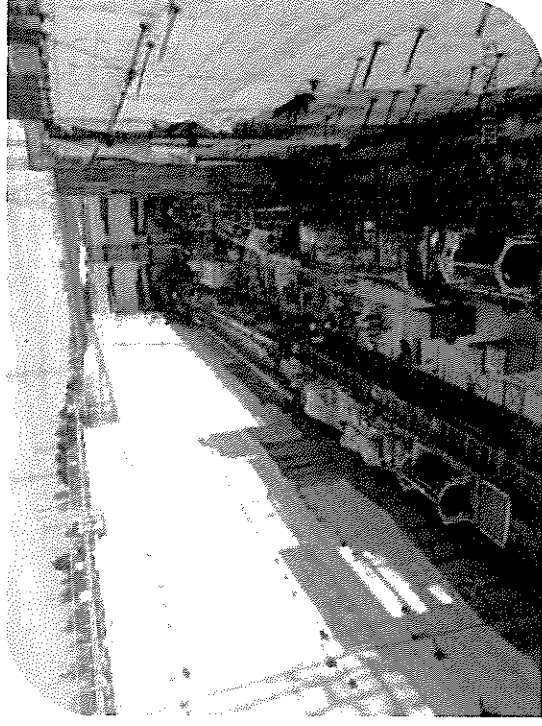
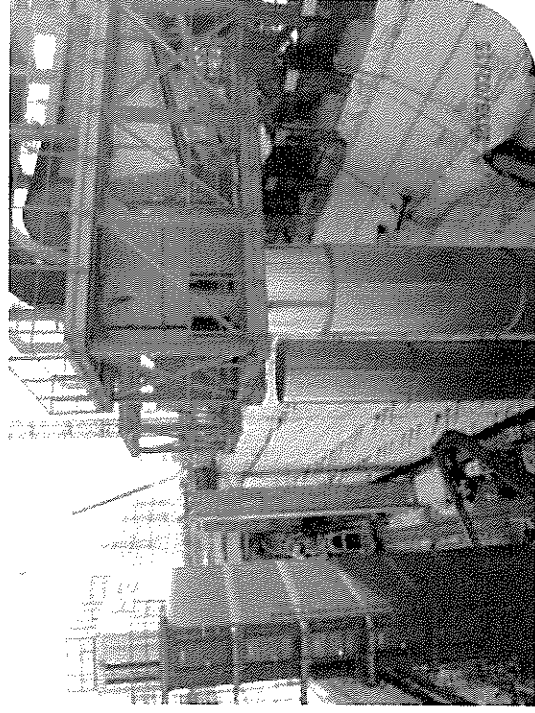
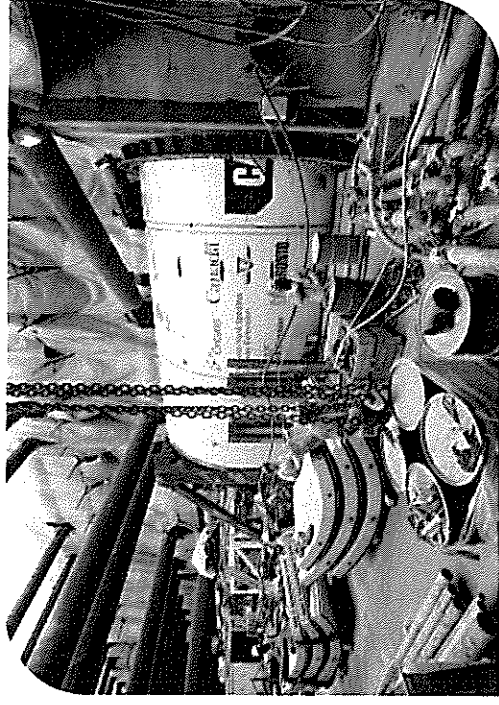
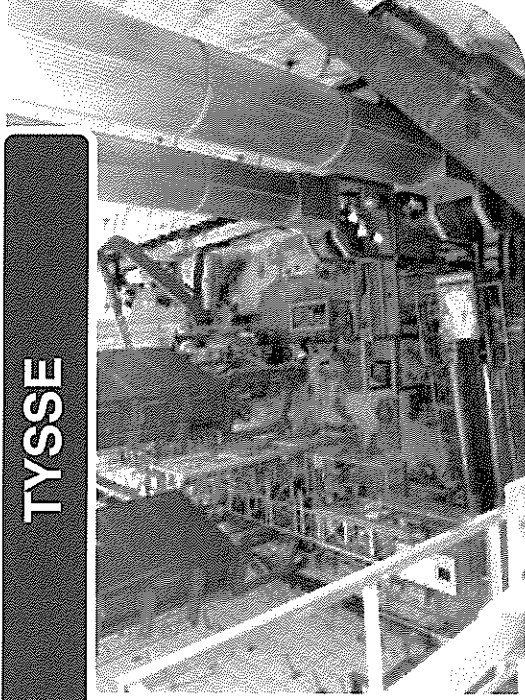


Project Status - Construction Spadina Subway Extension Highlights

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TYSSE

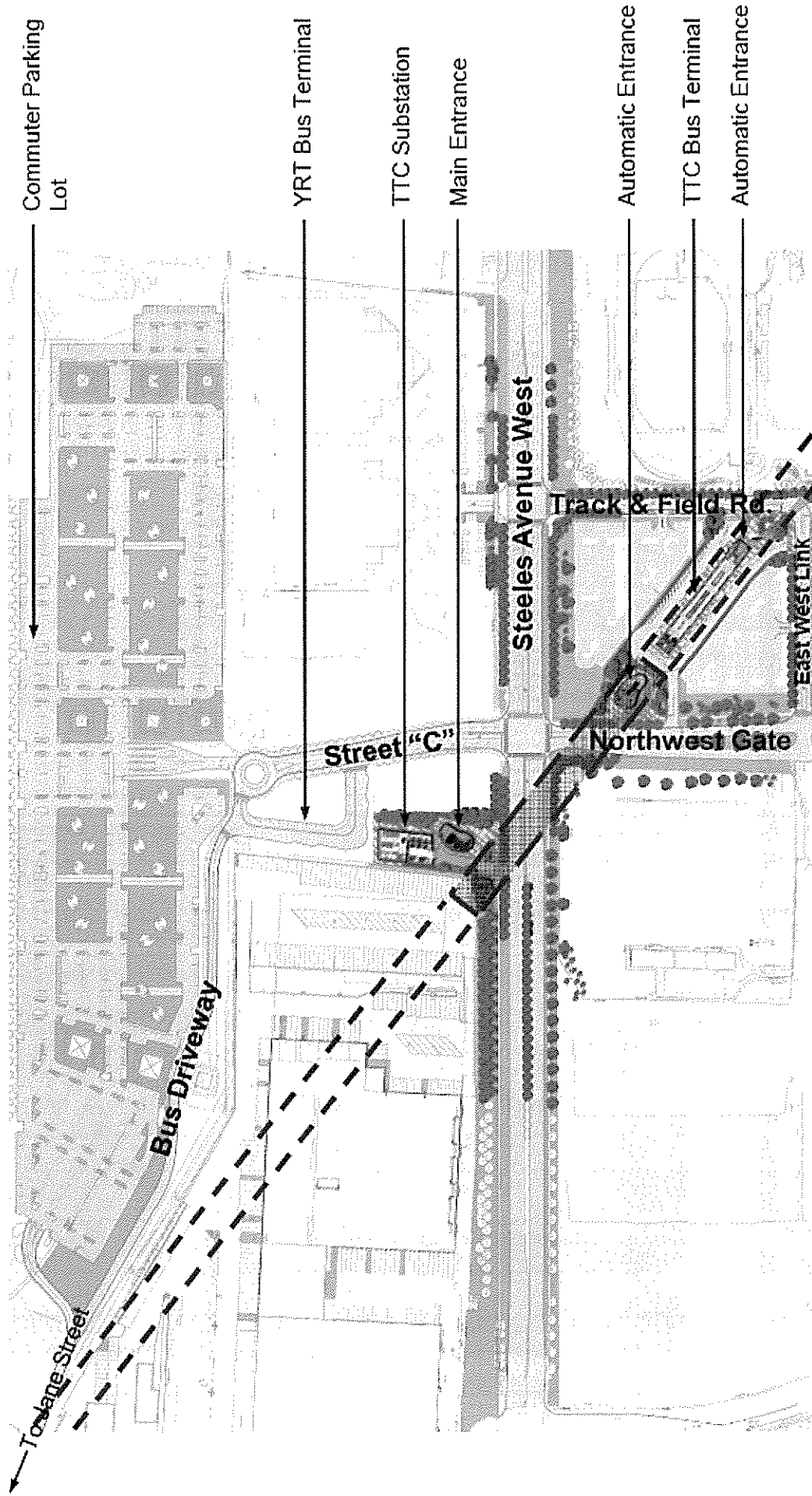


TYSEE - Project Overview

viva



Black Creek Pioneer Village Station (formerly Steeles West Station)

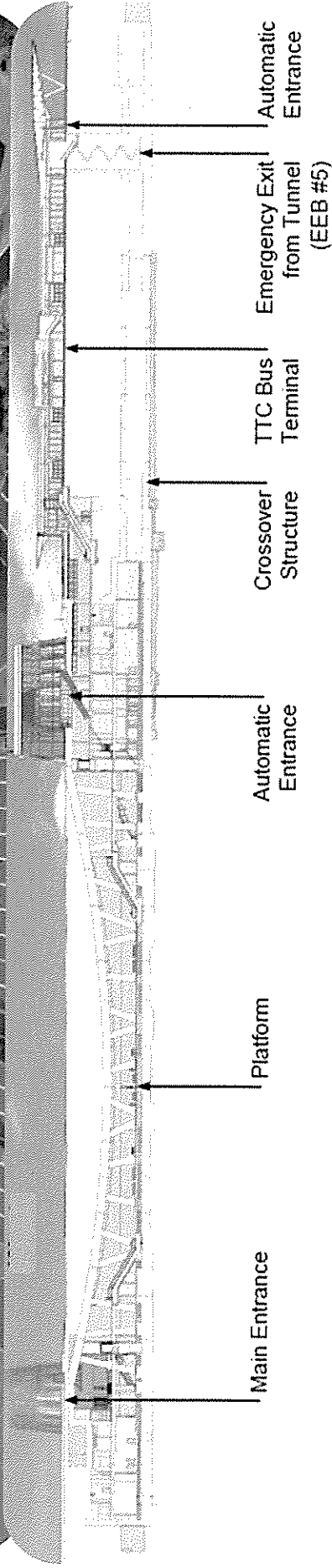
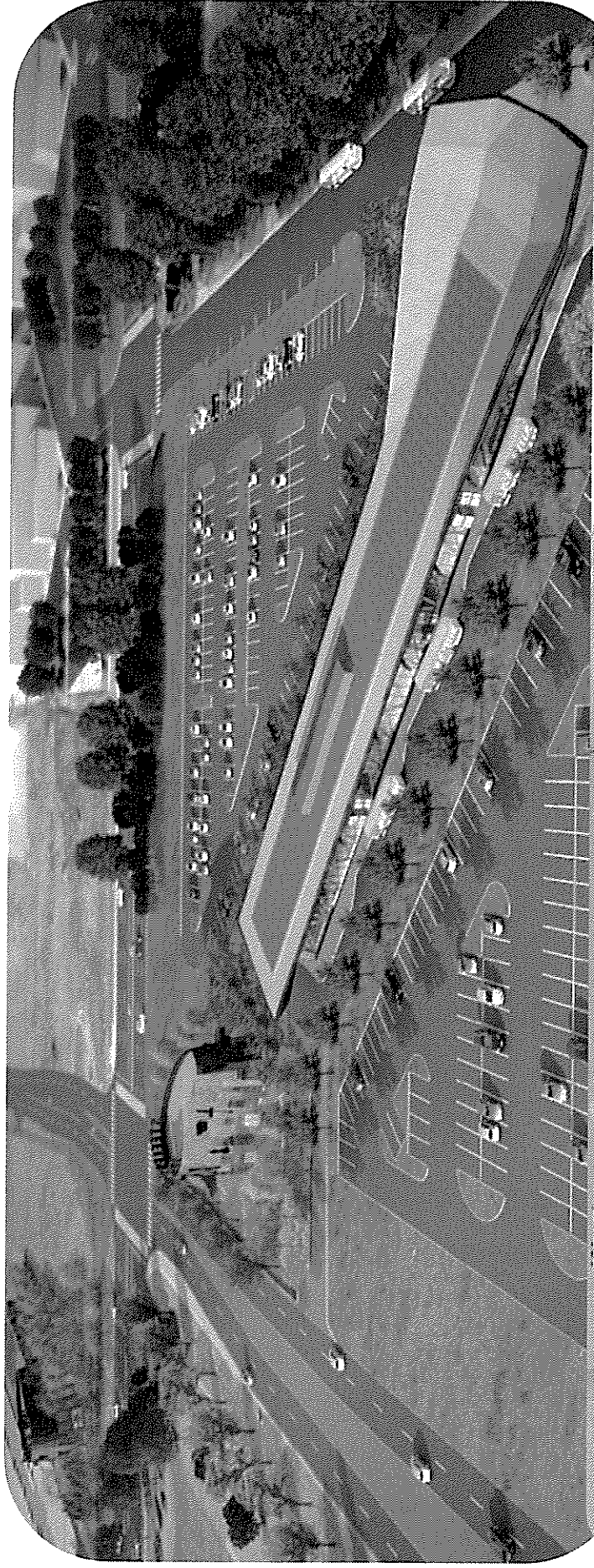


TYSSE - Project Overview

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Black Creek Pioneer Village Station

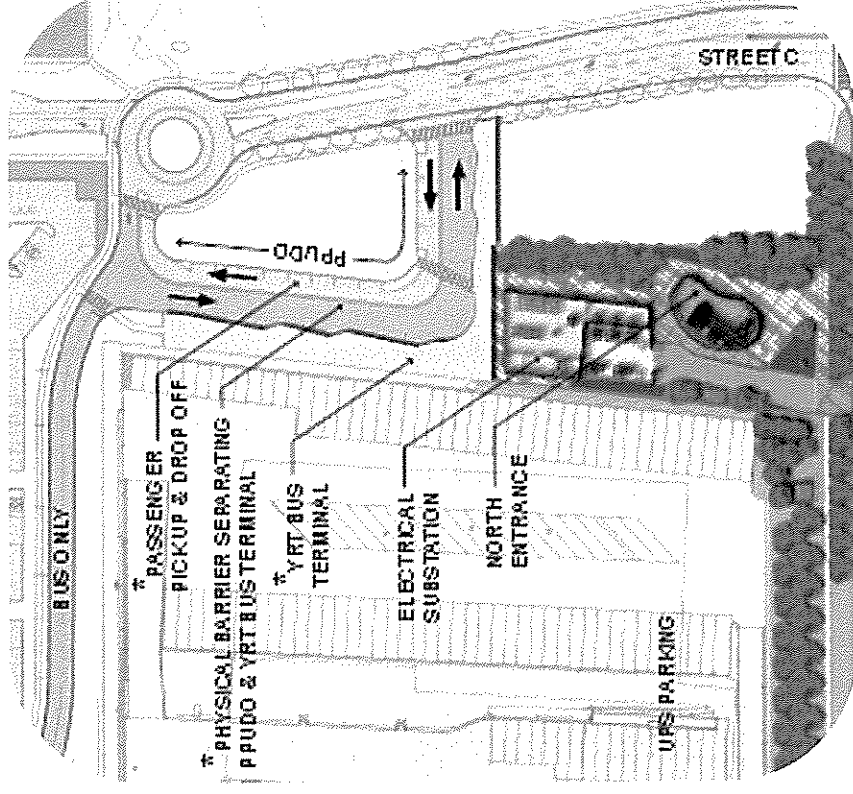
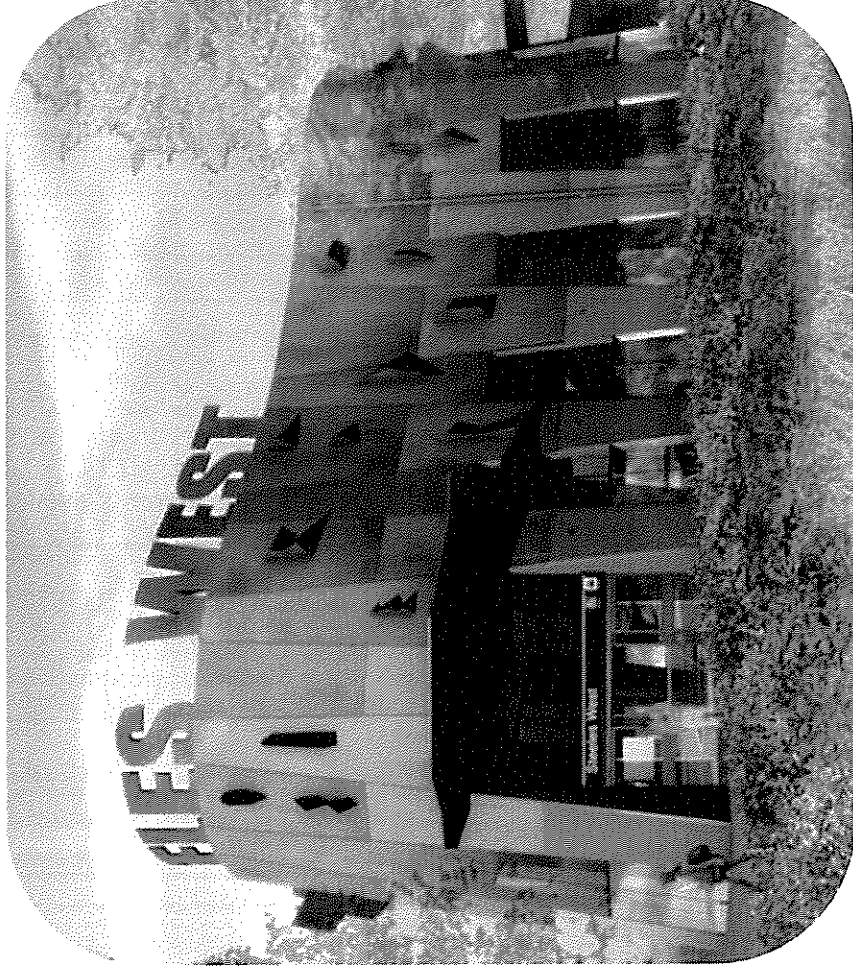


TY SSE - Project Overview

viva next



Black Creek Pioneer Village Station

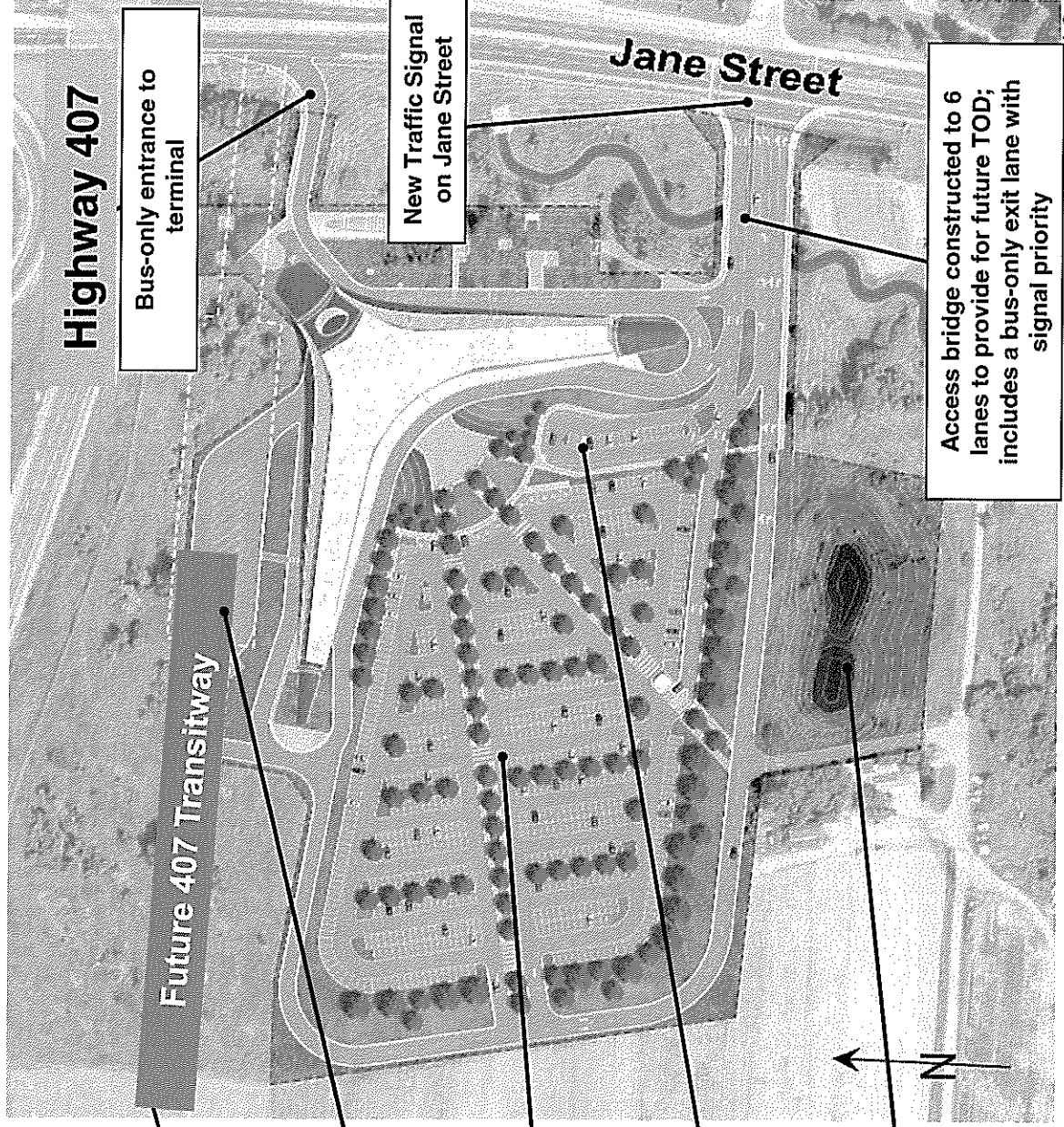


TYSSE - Project Overview

vivavnext



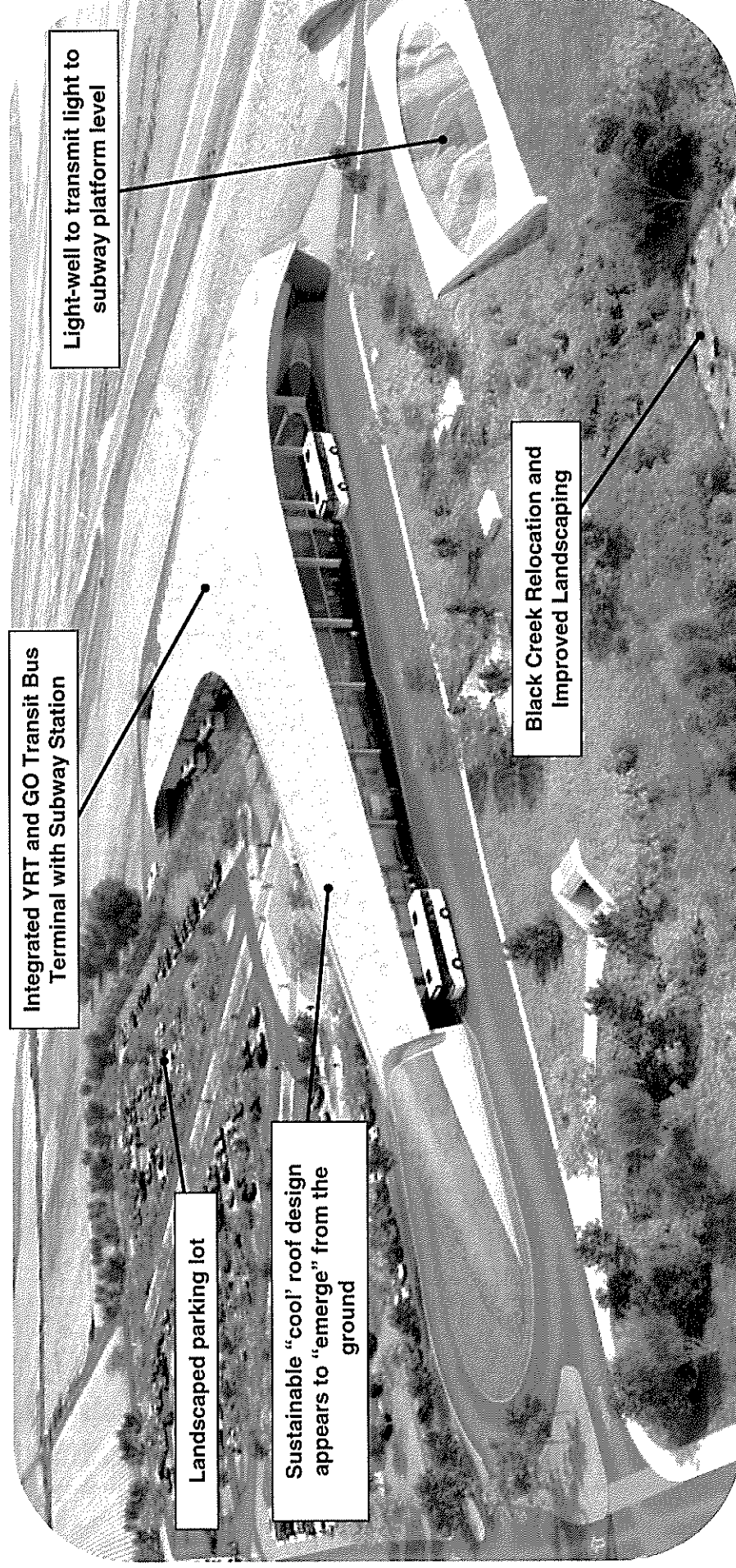
Highway 407 Station



TY SSE - Project Overview



Highway 407 Station

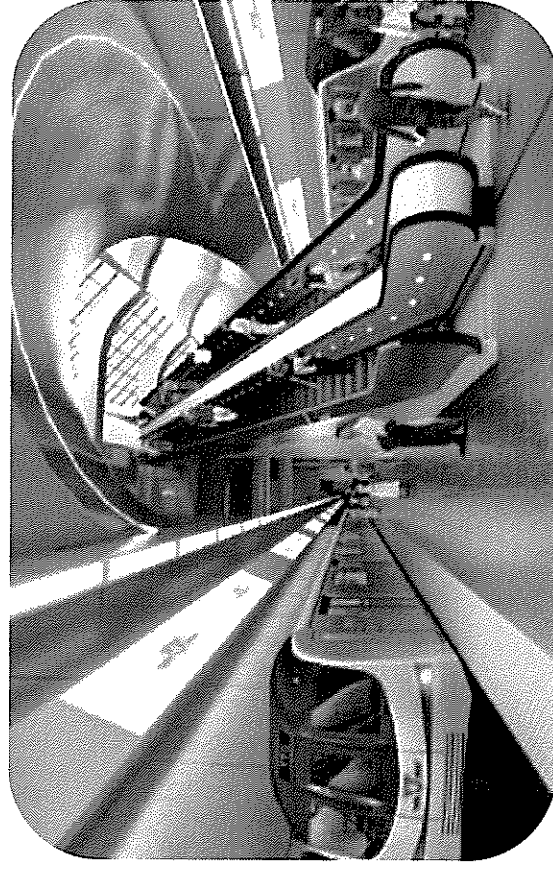
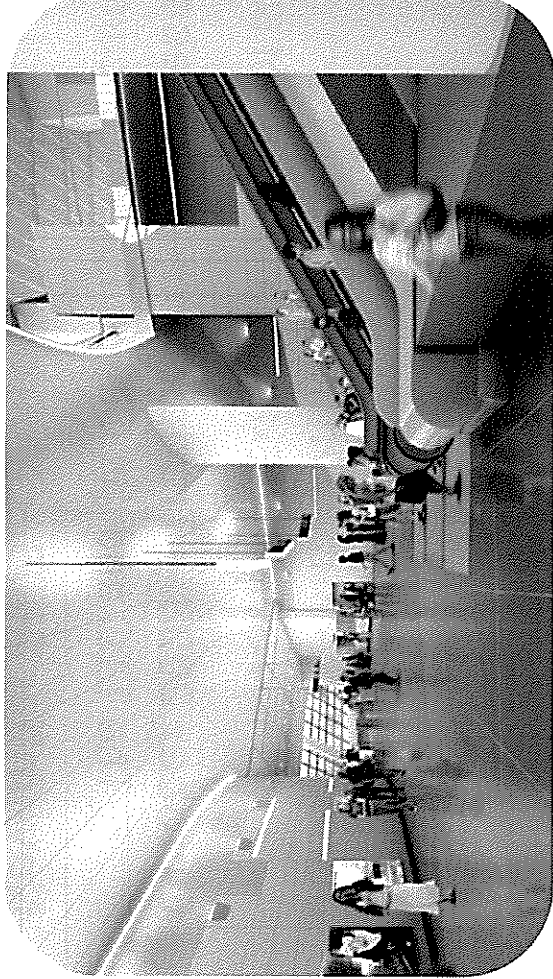


Looking Northwest

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

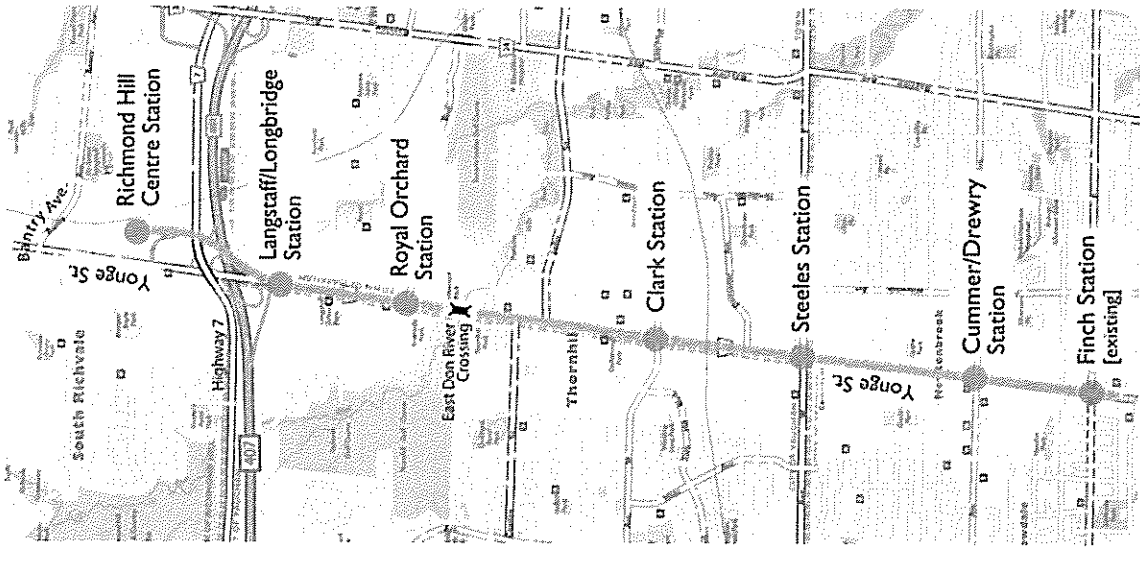
2013 – Maintained priority position

- 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



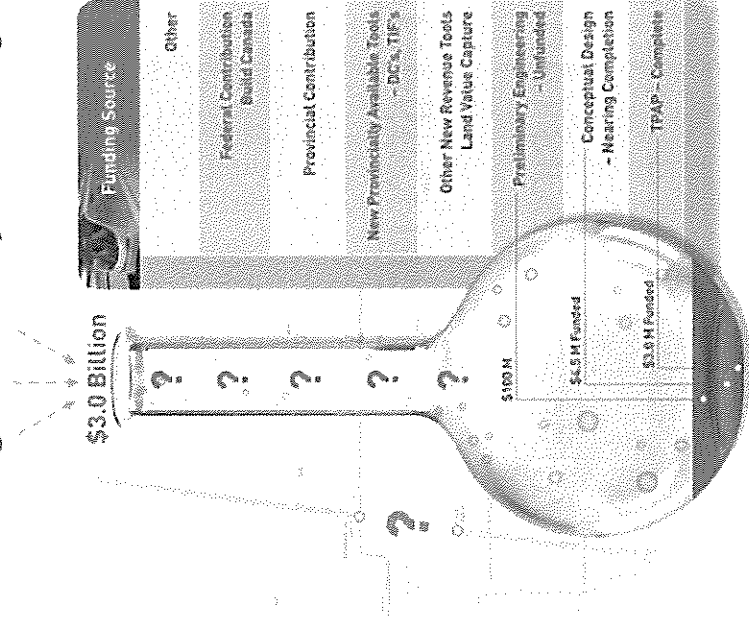
- › Released Short List of Proposed Investment Tools (April 2)

<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



PRIORITIES AND KEY INITIATIVES COMMITTEE – APRIL 15, 2013

YORK REGION RAPID TRANSIT UPDATE CITY-WIDE

RECOMMENDATION

The Commissioner of Engineering and Public Works recommends:

1. THAT the presentation from York Region Rapid Transit Corporation staff on the status of rapid transit projects in Vaughan be received.

CONTRIBUTION TO SUSTAINABILITY

Higher order transit infrastructure such as the Spadina and Yonge Subway Extension projects and the VivaNext Highway 7 Bus Rapid Transitway will support compact urban form and will offer an alternative mode of transportation to the single occupant vehicle.

ECONOMIC IMPACT

There is no economic impact resulting from the recommendations of this report.

COMMUNICATION PLAN

There is no communication plan associated with this report.

PURPOSE

The purpose of this report and associated presentation from York Region Rapid Corporation staff is to provide Council with the status of the rapid transit projects in Vaughan.

BACKGROUND – ANALYSIS AND OPTIONS

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RELATIONSHIP TO VAUGHAN VISION 2020/STRATEGIC PLAN

This report is consistent with the priorities previously set by Council and the necessary resources have been allocated and approved.

REGIONAL IMPLICATIONS

York Region is responsible for the funding and operation of public conventional and specialized transit services throughout York Region.

CONCLUSION

The presentation from YRRTC staff will provide an update on the status of the key rapid transit project in Vaughan.

ATTACHMENTS

None

REPORT PREPARED BY:

Andrew Pearce, Director of Development / Transportation Engineering, Ext. 8255

Respectfully submitted,

Paul Jankowski, P.Eng.
Commissioner of Engineering
and Public Works

Andrew Pearce, C.E.T.,
Director of Development & Transportation
Engineering