



Downtown Revitalization Program: Streetscaping Options – Phase 1 of the Integrated Downtown Plan

Downtown Revitalization Program

Presentation given by:

Harry Persaud

*Acting Manager, Engineering
Public Work & Engineering*
harry.persaud@brampton.ca

Shahid Mahmood

*Senior Supervisor, Principal Planner,
Planning, Building &
Economic Development*
shahid.mahmood@brampton.ca

Council Directive



July 2020

Proceed with interim roadworks in the City's downtown in partnership with the Region of Peel to upgrade their water and wastewater infrastructure



July 2021

Motion to include the replacement of existing sidewalks and curbs, in their existing locations.



Council Directive

May 19, 2021



Motion to report on list of options to begin work on components of streetscaping contemplated in 2018 in the Downtown Reimagined project



Including consultation with the Region of Peel and Utility Companies



Considerations

Factors impacting next steps



Future Main Street LRT

- Surface vs tunnel



Stakeholder Input

- Region of Peel
- Utility companies
- DBBIA
- Local businesses



City Department Input

- Identify short term initiatives to advance meanwhile strategies of the IDP



Options

Streetscaping paths to consider

- Five options to begin work on components of the streetscaping contemplated in 2018
- First phase of the implementation of the IDP



Options

Streetscaping paths to consider



- **Option 1** – Partial Streetscaping - Replacement of Existing Sidewalks With Stone Pavers and Road Resurfacing in Existing Locations (No LRT)
- **Option 2** – Partial Streetscaping - Replacement of Existing Sidewalks With Stone Pavers and Resurfacing With Widened Sidewalks (3m) (No LRT)
- **Option 3** – Full Streetscaping - Provide for a Future Underground LRT Alignment
- **Option 4** - Full Streetscaping - Provide for a Future Surface LRT Alignment
- **Option 5** – Full Streetscaping - With a Future Surface or Underground LRT Alignment.

Option 1

Stone Pavers & Road Resurfacing

- Includes road resurfacing, removal and replacement of sidewalks with stone pavers, and curbs/gutters in their current locations
- Complete construction end of Fall 2023
- Estimated \$8.5M to complete this option
- Estimated additional \$11.0M, if road is also to be replaced with stone pavers



Option 1

Other Opportunities

- Installation of on-road bike lanes on Main Street through the downtown
- On-road movable planters with trees/landscaping elements
- Semi-mountable curbs
- Street prints at crosswalks
- Installation of way-finding signs
- Installation of spare ducts within the construction to accommodate future fibre optics lines for Bell.





Option 2

W i d e n e d S i d e w a l k s

- Replace existing sidewalks with stone pavers and resurfacing but with sidewalks widened by 3.0m
- Approximately 3.5 years to complete
- Estimated \$16.6M for design and construction
- Estimated additional \$7.5M, if road is also to be replaced with stone pavers



Option 2

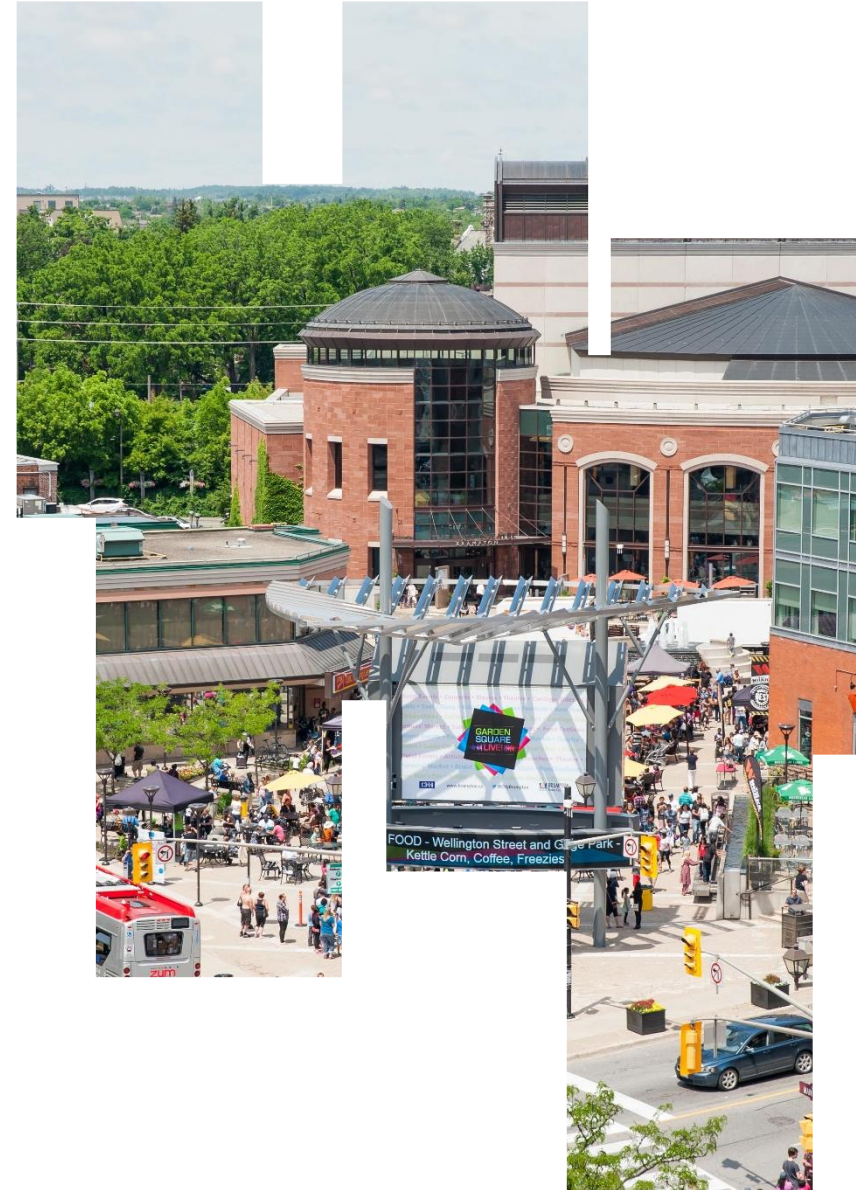
Other Opportunities

- Installation of on-road bike lanes on Main Street through the downtown
- On-road movable planters/landscaping elements
- Semi-mountable curbs
- Street prints at crosswalks
- Installation of way-finding signs
- Installation of spare ducts within the construction to accommodate future fiber optics for Bell.

Option 3

Full Streetscaping

- Undertaking full streetscaping to provide for a future underground LRT route
- Approximately 6 years to complete
- Estimated \$70M for design and construction



Option 4

Alternate Full Streetscaping

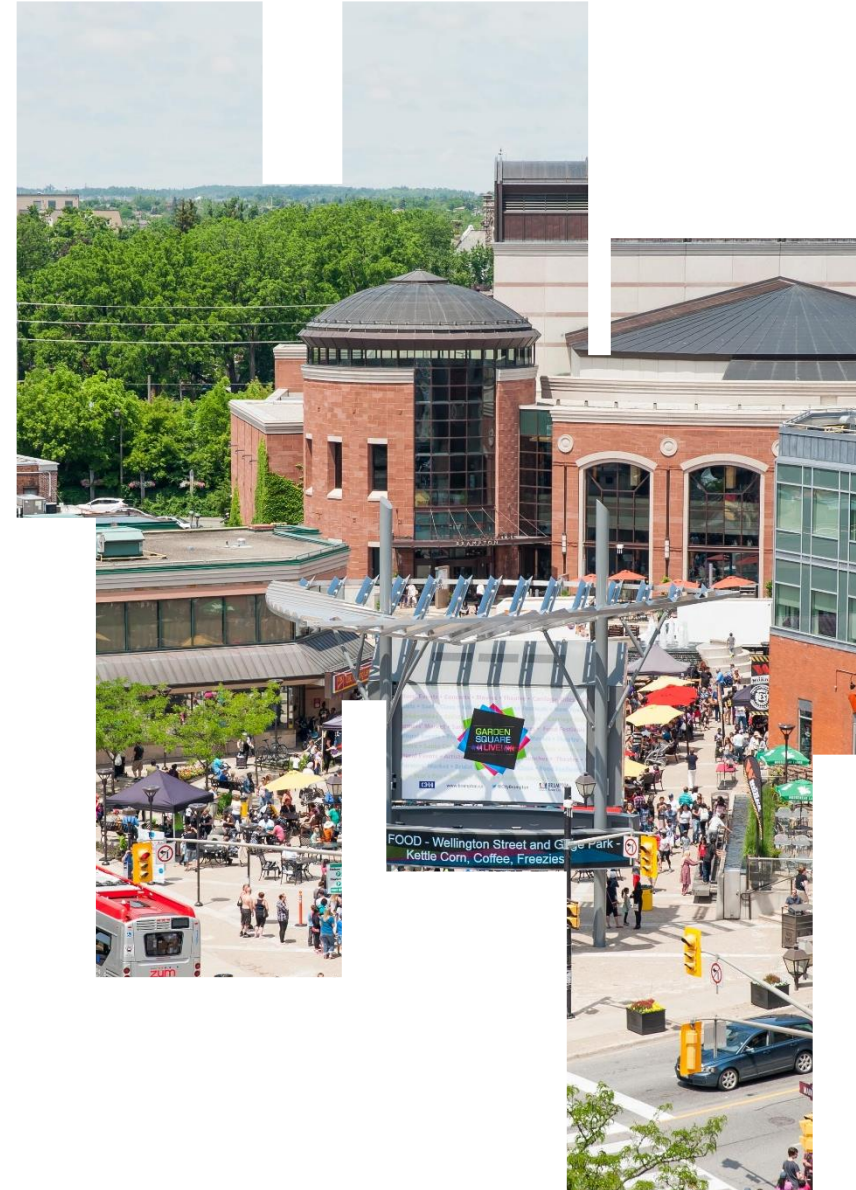
- Undertaking full streetscaping for a future surface LRT route
- Approximately 7.5 years to complete
- Estimated \$70M for design and construction



Option 5

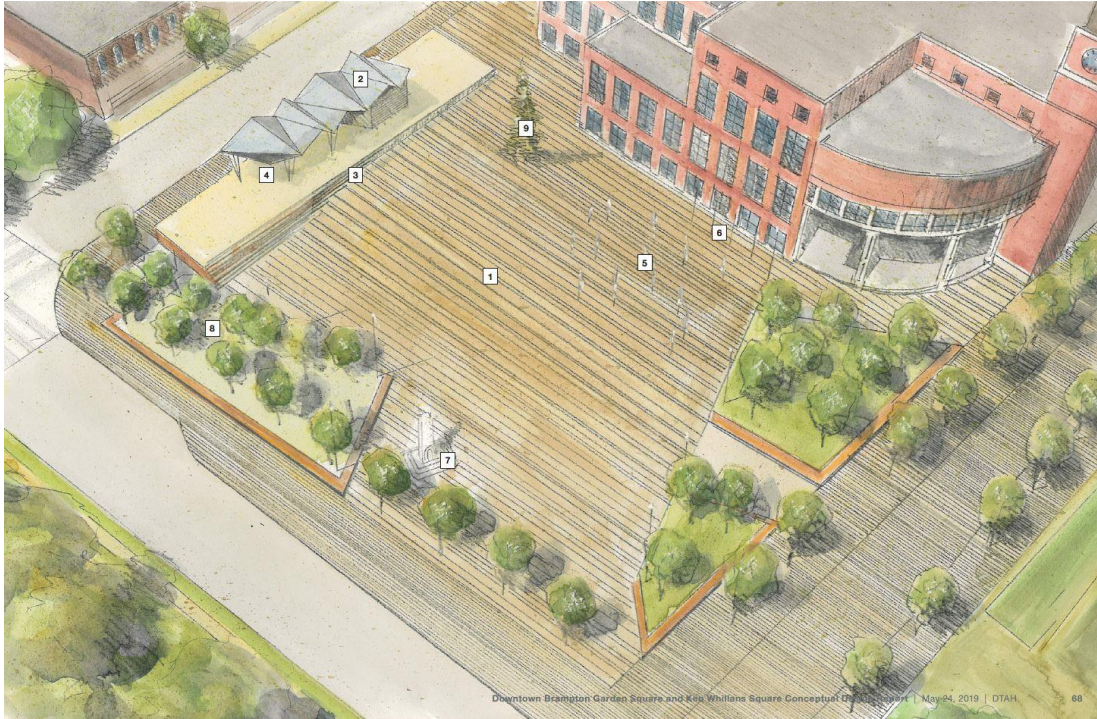
Full Streetscaping: Surface or Underground LRT

- Undertaking full streetscaping together with a future surface or underground LRT route
- At least 10 years before actual streetscaping work is done
- Estimated \$70M, not including LRT cost



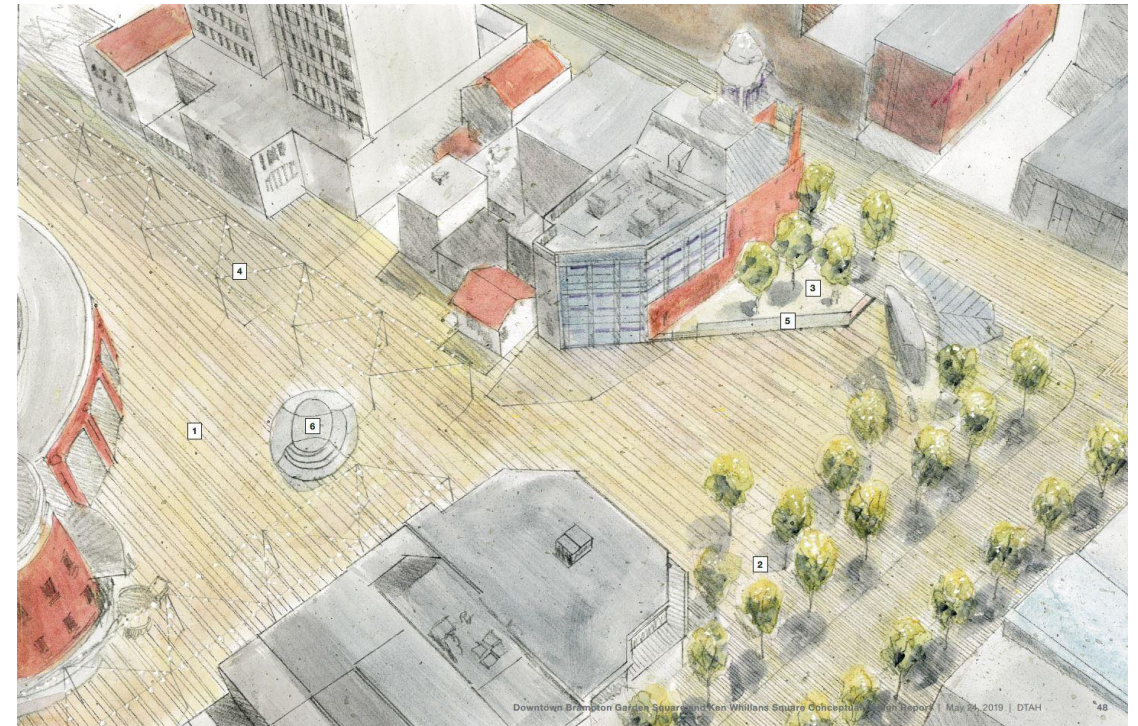
DEVELOPMENT OF Ken Whillans Square & Garden Square

Conceptual design of Ken Whillans Square



- Detailed Design – 2.5 years
- Construction – 2.5 years
- Estimated Cost \$16.5M

Conceptual design of Garden Square



- Detailed Design – 2.5 years
- Construction – 5 years
- Estimated Cost - \$4.4M

Financial Impact



\$85.9M

Estimated preliminary cost of full streetscape initiative, development of Ken Whillans Square & Garden Square



1.0% Property Tax Impact

Staff recommends funding through the issuance of external debt

Increased of Annual Operating Budget \$4.8M

Equate to 1.0% Property Tax impact

COVID-19 Impact

Local businesses have been hit hard by the ongoing pandemic.

It is important to mitigate construction impact on the downtown business community.



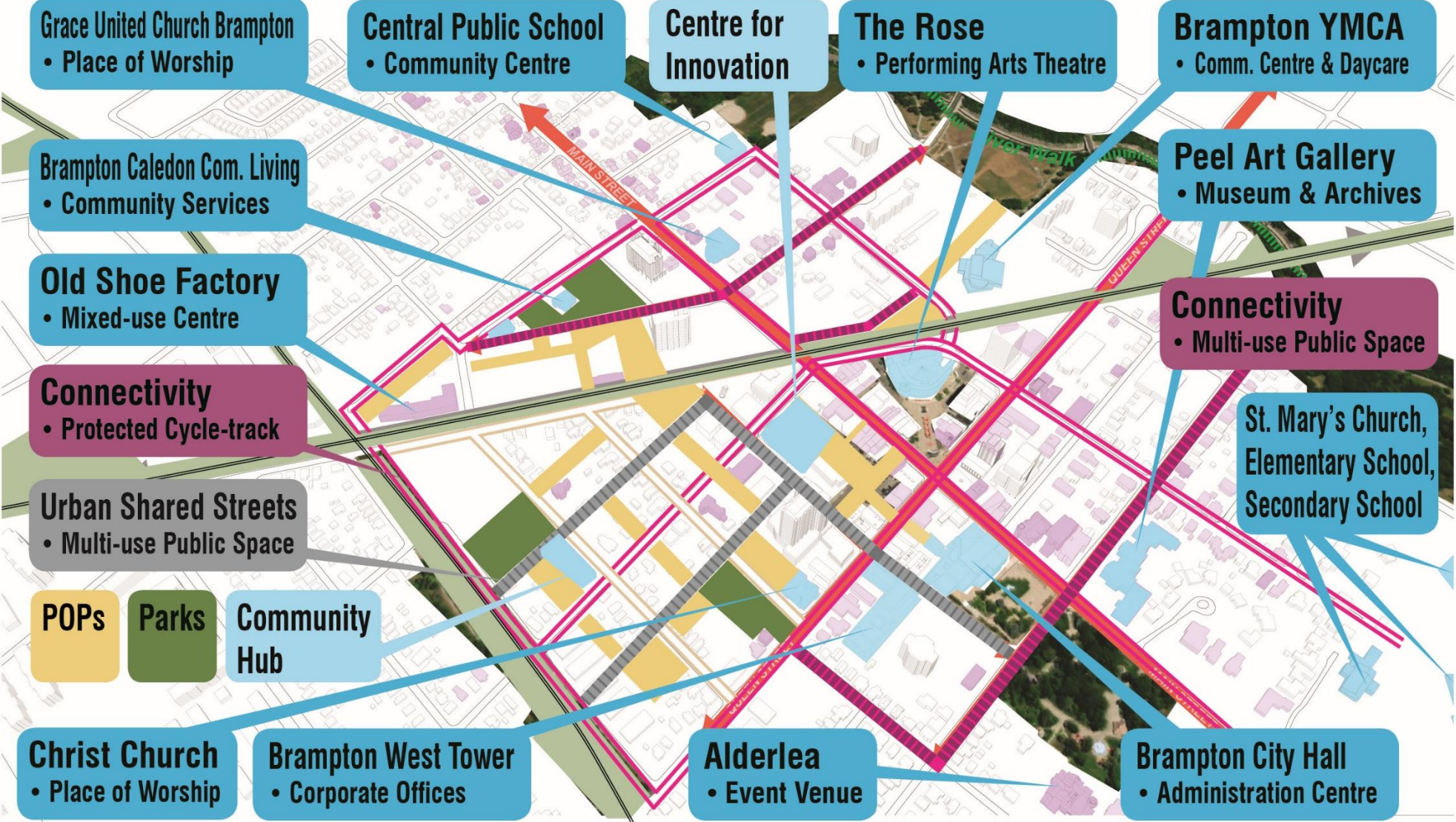


Downtown

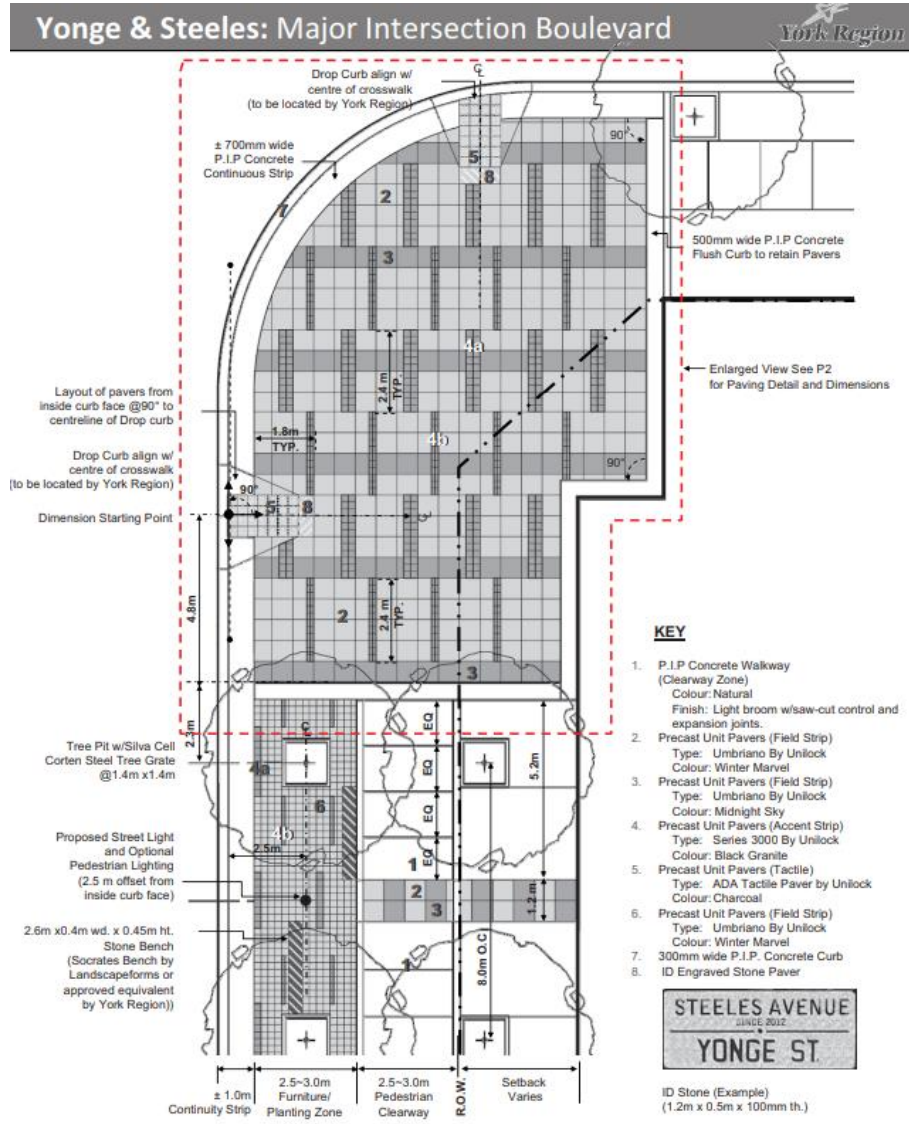
INTEGRATED DOWNTOWN PLAN

A roadmap for transformational action with key infrastructure upgrades, urban design, land use and programming interventions

Creating Complete Neighbourhoods



Streetscape Manual



Example of a Streetscape Manual

The Downtown Brampton streetscape manual will inform the appropriate extension of treatment from “Downtown Reimagine” to the rest of the downtown area.

Staff recommend developing a Downtown Brampton Streetscape Manual

Moveable Tree Planters



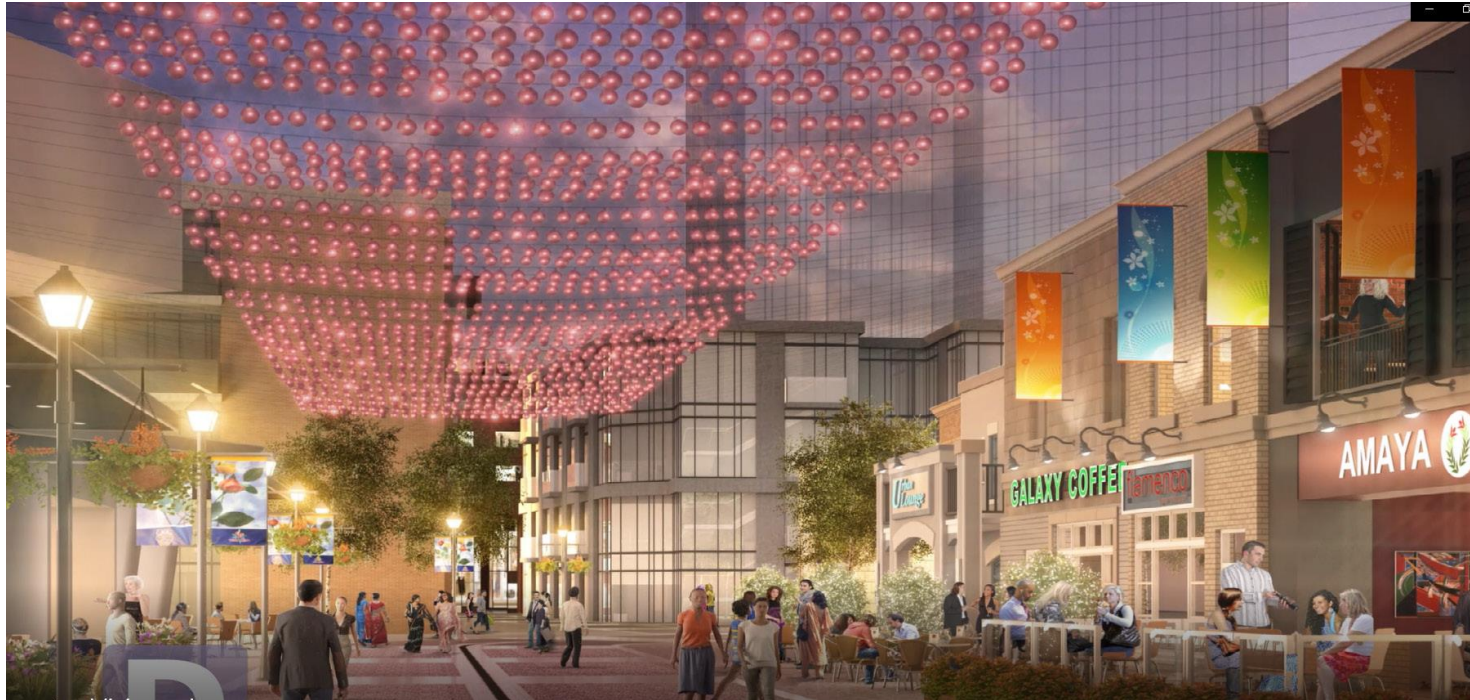
Moveable tree planters have enormous benefits:

- No impact to below grade utilities.
- Able to renew landscaping patterns and designs.
- Flexible placement to respond to special events and street festival closures.
- Incorporate seating and lighting

Road Surface Treatments



Activation Strategy



The Downtown Brampton Activation Strategy will inform the appropriate improvements for laneways

Staff recommend conducting an 8 week Urban Design Activation Strategy

Garden Square

Vivan Lane Activation



Vivian Lane will benefit from minor repairs including:

- Resurfacing to match the rest of Garden Square
- Updating existing chess tables (after donor consultations)

ENHANCING Laneways



Plazas

- Plazas can be easily animated with kiosks, furniture and art installations.



Jim Deva Plaza, Vancouver, BC



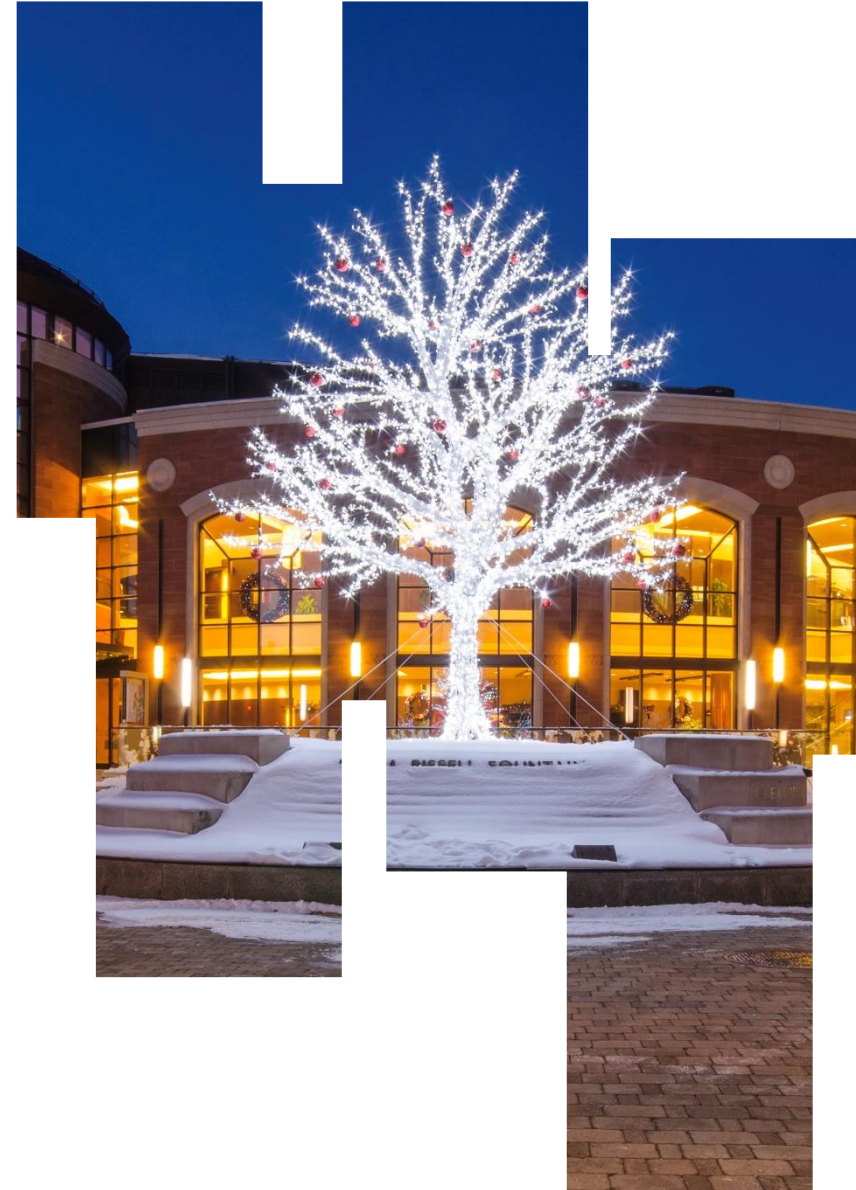
Hydro Sources

Main & Queen Streets

More efficient and reliable sources of hydro on both Main and Queen Streets would support film, the Brampton's Farmers' Market and events.

Art Opportunities

- Road Surface Treatments
- Street Art Pilot Project
- Temporary Art Activations



Brampton Arts Walk of Fame



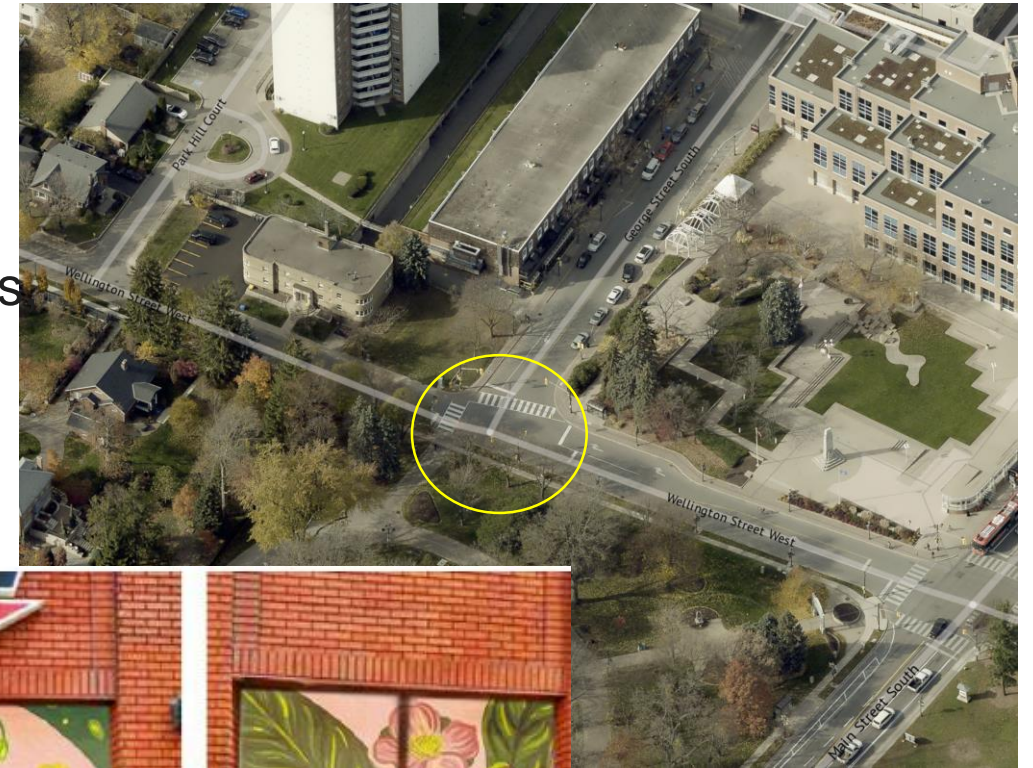
Current: The temporary provision of vinyl decals has been used as an interim measure, until a more permanent marker could be installed.



Future: As part of downtown transformation, there is an opportunity to better align the Arts Walk of Fame's physical infrastructure with the current image of the program and ambitions for its potential future.

Street Art Pilot Project

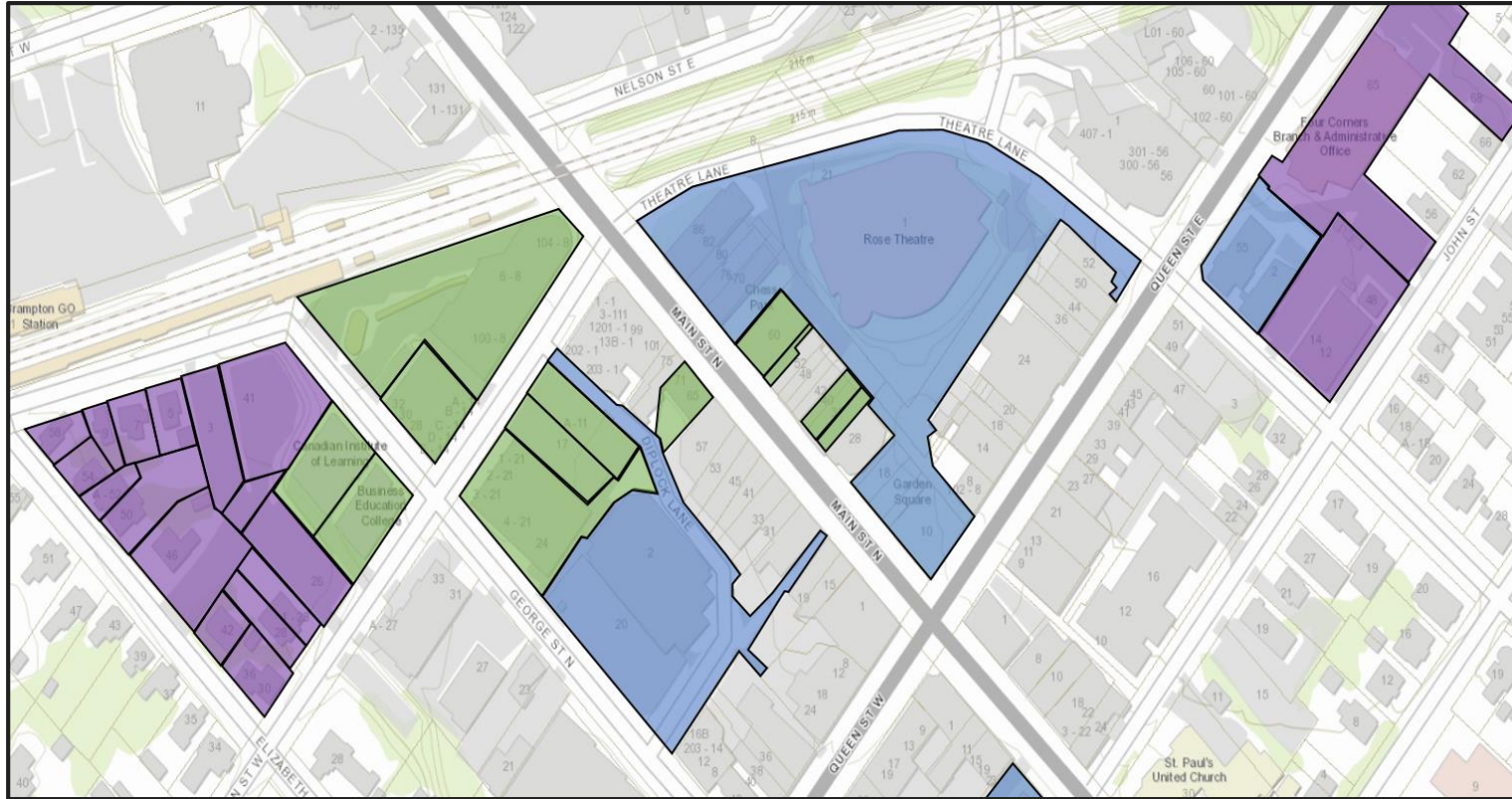
- Pilot project to explore application, materials maintenance, durability, etc.



- Temporary art activations in empty storefront windows and utility boxes

Temporary Art Activations

Downtown Property Acquisitions



LEGEND

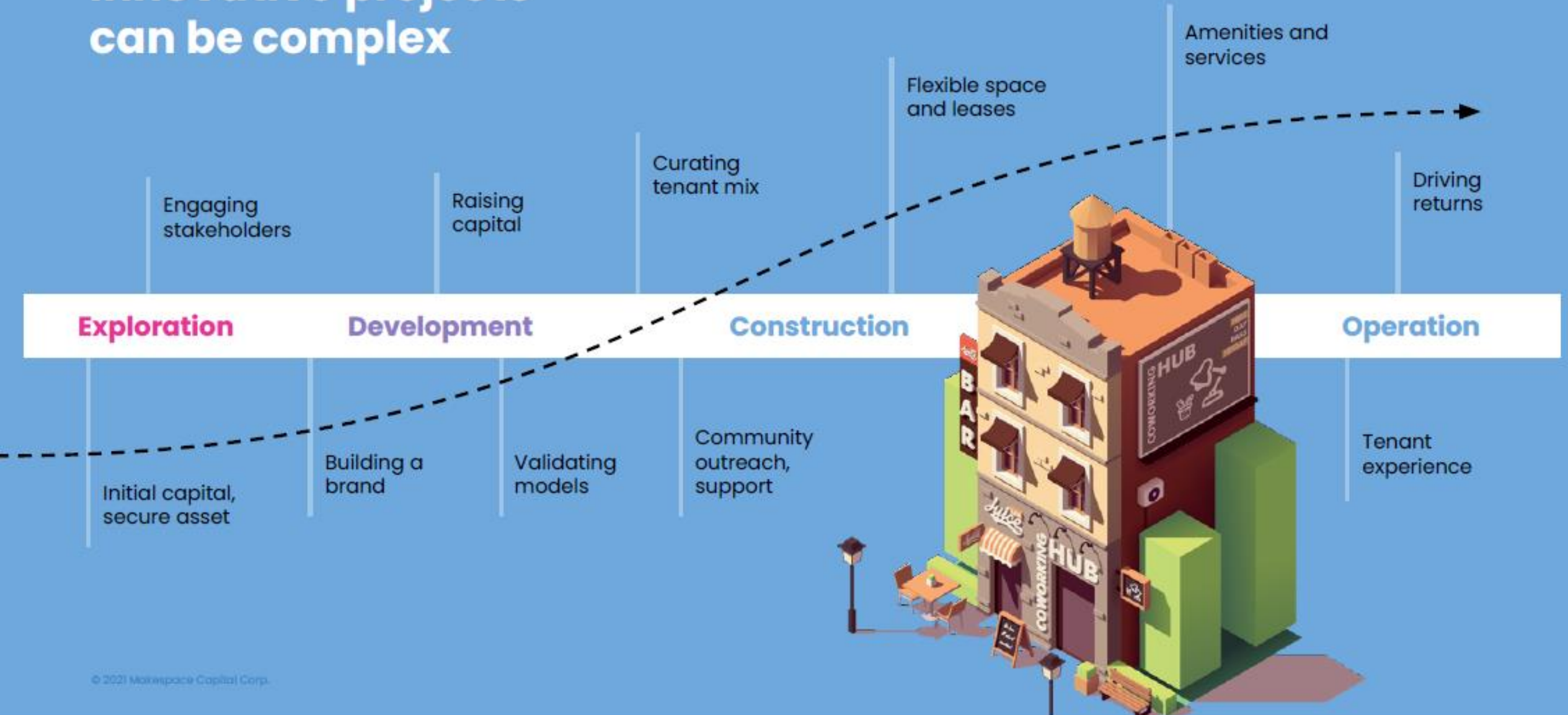
- Acquisition Complete (Post 2018)
- City Owned (Pre-2018)
- Other Key Public Ownership

Main Street Properties:

- 60 Main Street North
- 36/40 Main Street North
- Heritage Theatre

Leading mixed-use, innovative projects can be complex

make
space.



Downtown Signage



Downtown Signage Revision:

Brampton is seeing many new districts and neighbourhoods grow and evolve in its Downtown. Amendments to the sign by-law may be required to revise criteria to allow for a variety of signage forms and types.

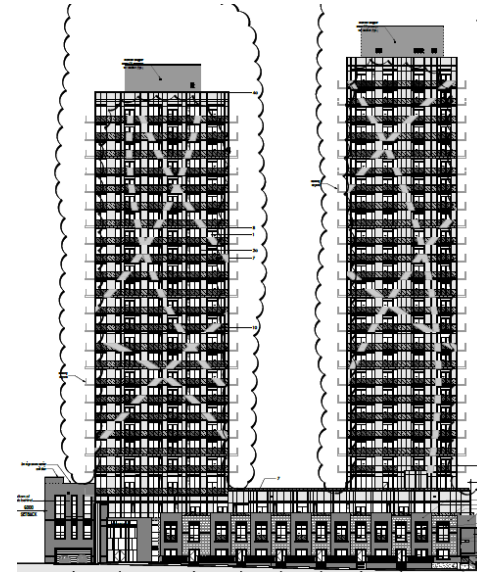
Growth & Investment - Developments



OZS-2021-0003 - 151 Main St N, 30 storey mixed-use



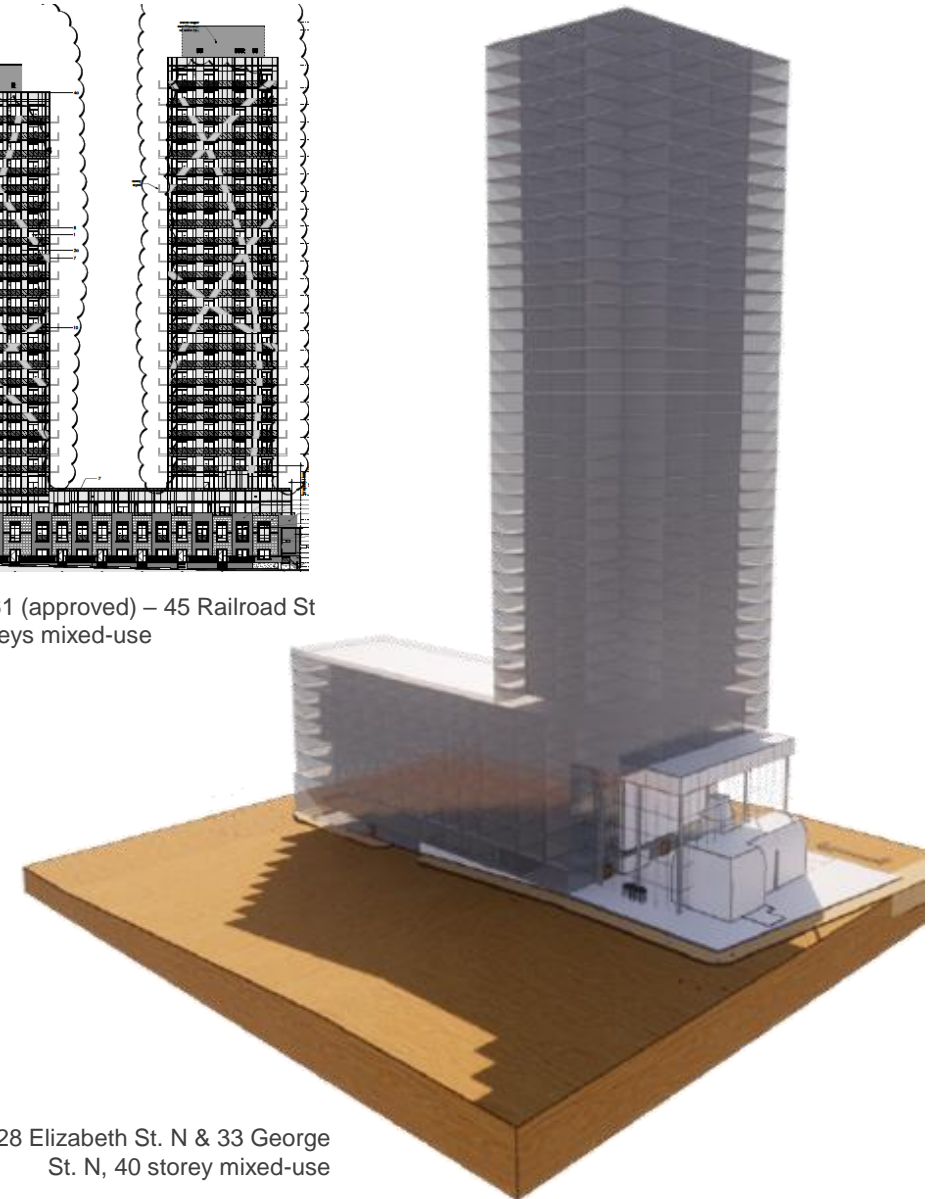
OZS-2020-0030 – 18-24 Elizabeth St
14 storey residential



SPA-2020-0161 (approved) – 45 Railroad St
25 and 27 storeys mixed-use

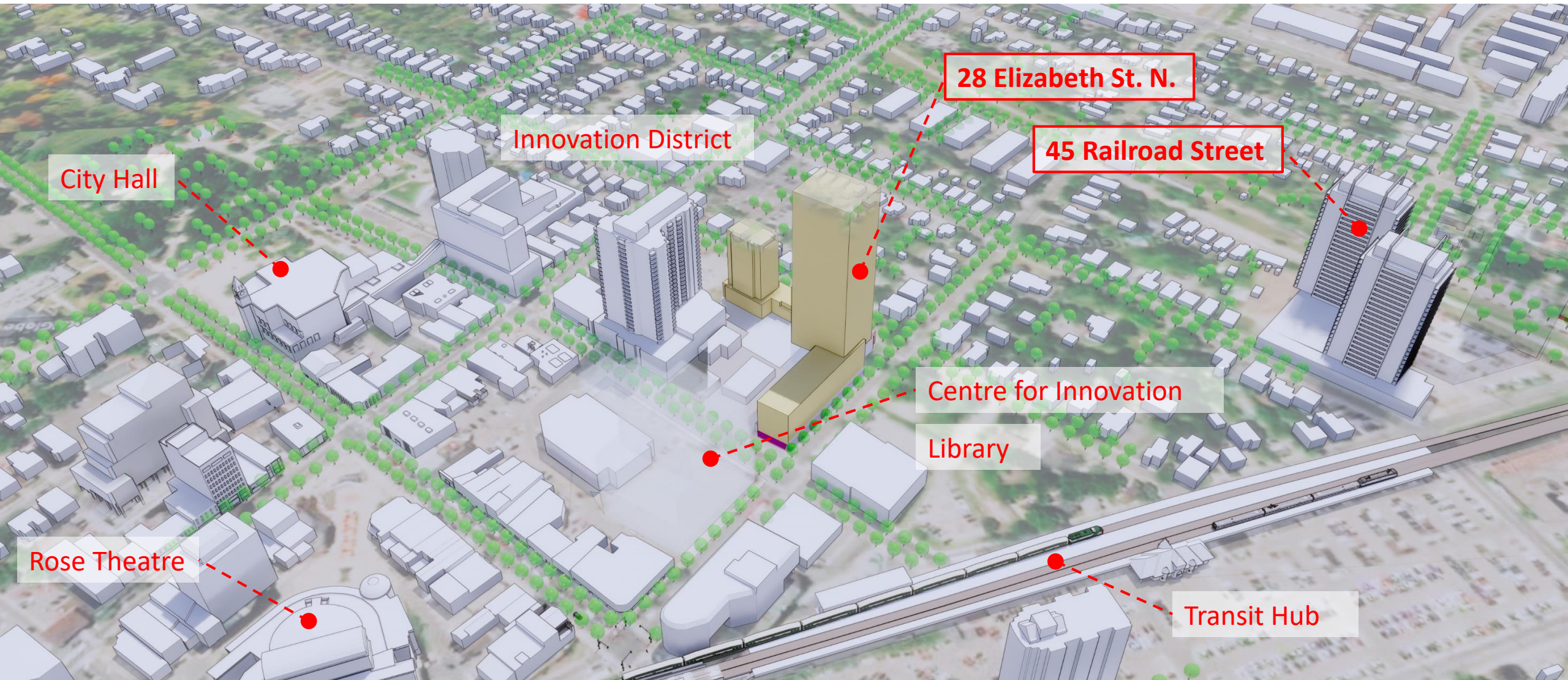


C01E04.015 (approved) – 7-29 Clarence St, 90 townhouses



PRE-2020-0033 – 28 Elizabeth St. N & 33 George
St. N, 40 storey mixed-use

Creating Complete Communities



City Hall

Innovation District

28 Elizabeth St. N.

45 Railroad Street

Centre for Innovation

Library

Rose Theatre

Transit Hub

Connectivity – Complete Streets

CORRIDOR EXPANSION

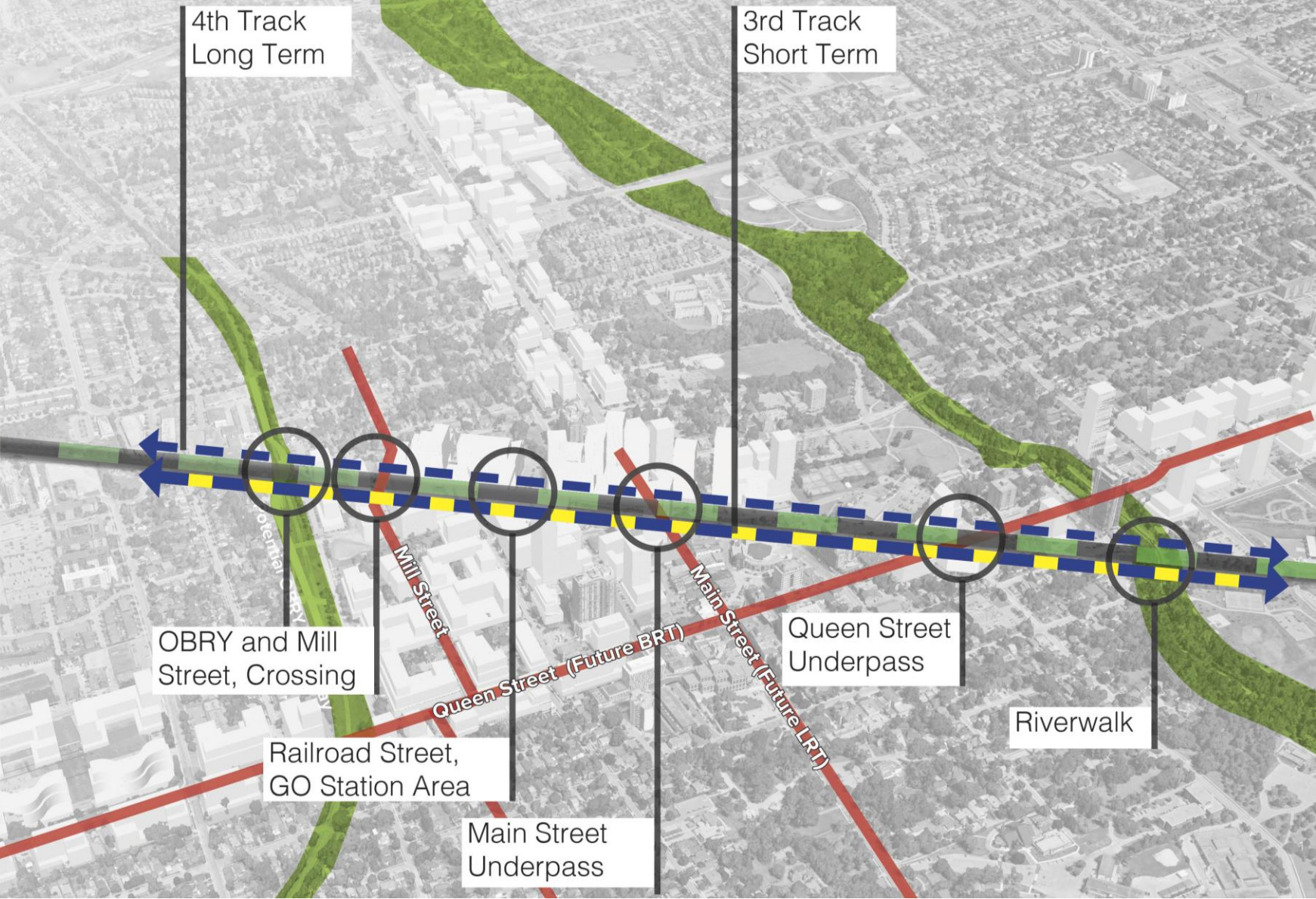
- 3rd track to the South
- 3rd platform to the South
- 3rd track 3-5 y construction
- 4th track to the North +20y

Station Area

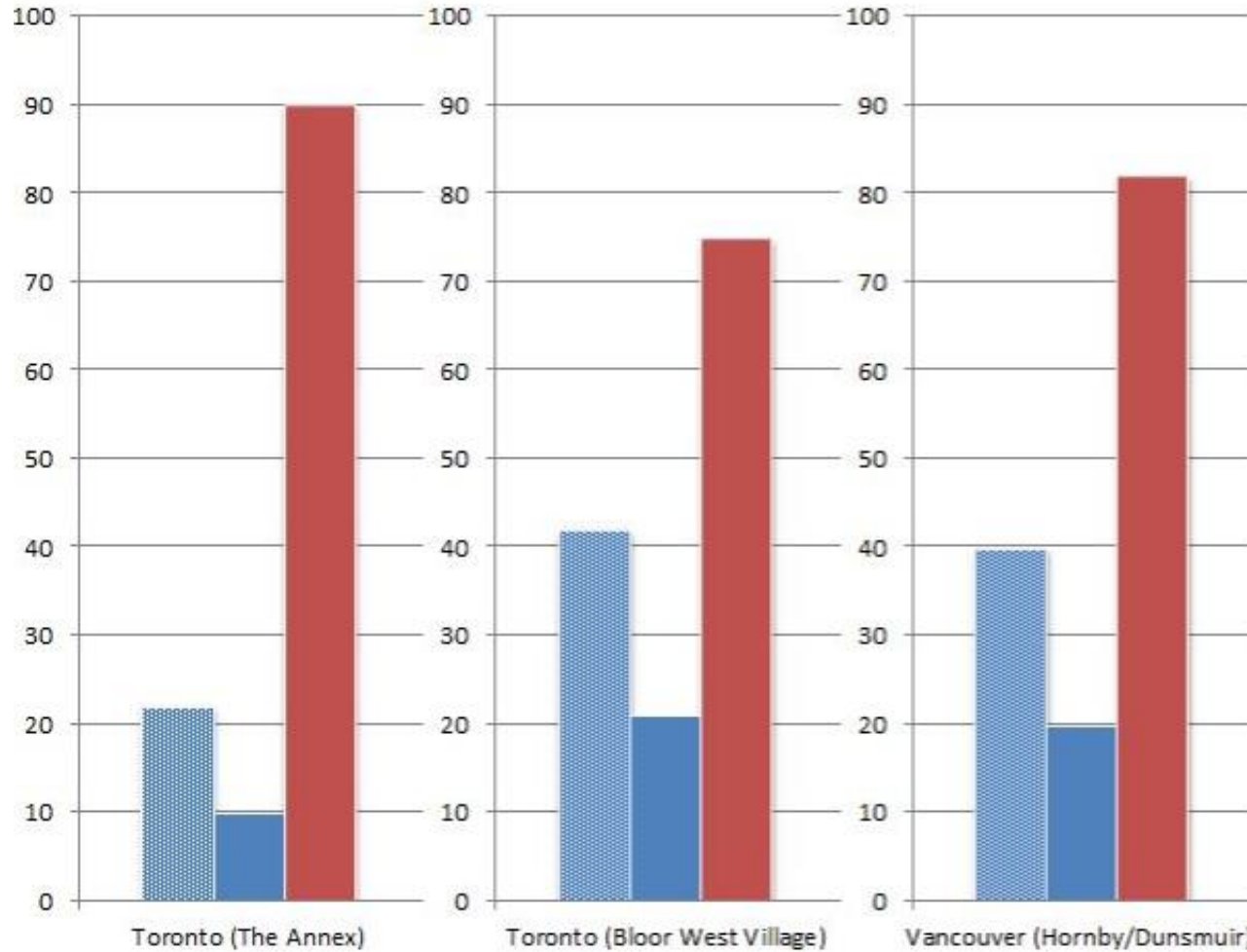
- OBRY line decommission
- Mill Street Railway Crossing
- Railroad Street acquisition
- Main Street Underpass, LRT, Active Transportation

Queen Street Area

- Queen Street Underpass, BRT, Active Transportation
- River Walk, Channel widening, Active transportation



Complete Streets – Biking Economics



- Perceived percentage of customers who arrived by car (derived from merchant surveys).
- Measured percentage of customers who arrived by car
- Measured percentage of customers who arrived by walking, cycling, or public transit.



“In urban cores, bicycle infrastructure is likely to provide a bigger boost to local businesses than on-street parking.”

Toronto Cycling – Think and Do Tank

Connectivity – Downtown Brampton Transit Hub



Kitchener GO Expansion

All-Day Two-Way Regional Go Transit

20% shorter journey

Two-way service

All-day service

This graphic features a photograph of a white GO train on tracks. To the right, three colored boxes (teal, yellow, and green) contain icons and text: a puzzle piece for '20% shorter journey', a double-headed arrow for 'Two-way service', and a sun for 'All-day service'.



QUEEN STREET – HIGHWAY 7
BUS RAPID TRANSIT

Queen-Hwy 7 Brt Regional Bus Transit

This graphic shows a perspective view of a modern city street with a dedicated red bus lane. A red bus is in the lane, and other vehicles are in the adjacent lanes. Pedestrians and cyclists are visible on the sidewalks.



LET'S CONNECT
LRT
EXTENSION

Hurontario-Main Lrt Regional Lrt Transit

This graphic features a stylized, futuristic illustration of a light rail train station with blue lighting and a train arriving. The text 'LET'S CONNECT LRT EXTENSION' is on the left, and 'Hurontario-Main Lrt Regional Lrt Transit' is in a pink banner at the bottom.

Work is advancing on the downtown higher order transit projects.

Metrolinx led:

- Queen St – Hwy 7 BRT: Initial business Case released in 2020. Preliminary Design Business Case initiation in progress.
- All Day Two Way GO: Kitchener GO Rail Service Expansion Preliminary Design Business Case released (March 2021).

City led:

- LRT Extension EA: is currently in the preliminary design phase. The project team is working on the 30% preliminary design for the preferred surface and tunnel options and the draft Environmental Project Report.
- Downtown Transit Hub: Pre-planning work underway including discussions with Metrolinx. Update report to Council anticipated in Fall of this year.

An aerial photograph of a city downtown at sunset. The sky is a mix of orange, pink, and purple. In the foreground, there's a large brick building with a prominent clock tower on the left. To the right, a modern glass skyscraper stands out. The city lights are visible in the distance. The image is partially obscured by a white diagonal shape that contains the text.

Downtown Projects Centre

A meeting space that facilitates collaboration, engagement, and the exchange of information relating to the City's revitalization efforts for the Downtown. A Downtown Coordinator is now ready to assist and troubleshoot maintenance, safety, and operational issues in the Downtown.

Welcoming Streets Pilot Program



In partnership with the Region of Peel the “Welcoming Streets Pilot Program” has commenced to respond to businesses’ concerns about perceptions of community safety, security and cleanliness. One-year regional funding to the City of Brampton will amount to a maximum of \$250,000 towards this program.

Comments & Questions

Project Sponsors

Jason Schmidt-Shoukri - *Commissioner, Public Works & Engineering*

Richard Forward - *Commissioner, Planning, Building & Economic Development*

Bob Bjerke – *Director, Planning, Building & Economic Development*

Tim Kocialek – *Acting Director, Public Works & Engineering*

Project Manager

Harry Persaud – Acting Manager, Engineering
Public Works & Engineering
harry.persaud@Brampton.ca

Shahid Mahmood – *Senior Supervisor, Principal Planner*
Planning, Building & Economic Development
shahid.mahmood@Brampton.ca

Thank you!

