### **PROJECT INFO: SHAPING GROWTH IN PEEL MAJOR TRANSIT STATION AREAS STUDY OVERVIEW**



### **STUDY PURPOSE**

The purpose of the Peel MTSA Study is to delineate, prioritize, and develop policies to guide the future development of Major Transit Station Areas across the Region of Peel.

#### **Key Objectives of the Study include:**

- Identify and delineate MTSA boundaries across Peel Region
- Support the prioritization of MTSAs across Peel Region
- Provide direction on the density of development that should occur within each MTSA

### WHAT IS AN MTSA?

### MTSA = MAJOR TRANSIT STATION AREA

- MTSAs are areas within a 500 to 800-metre radius of a transit station (about a 10-minute walk).
- MTSAs include existing or planned Bus Rapid Transit (BRT), Light Rail Transit (LRT), or GO rail stops. MTSAs are intended to be developed as high density, mixed-use, transit-supportive neighbourhoods that provide access to local amenities, jobs, housing, and recreation opportunities.
- MTSA boundaries are to be delineated so that minimum density targets (150-160 people and jobs per hectare) can be achieved in the future.

150

network

- Guide the development of Regional Official Plan policies that encourage transitsupportive development
- Support the municipal policy development processes of Mississauga, Caledon, and Brampton and other planning initiatives underway with key transportation stakeholders (e.g. Metrolinx's Mobility Hub Studies).

**STUDY PROCESS** 

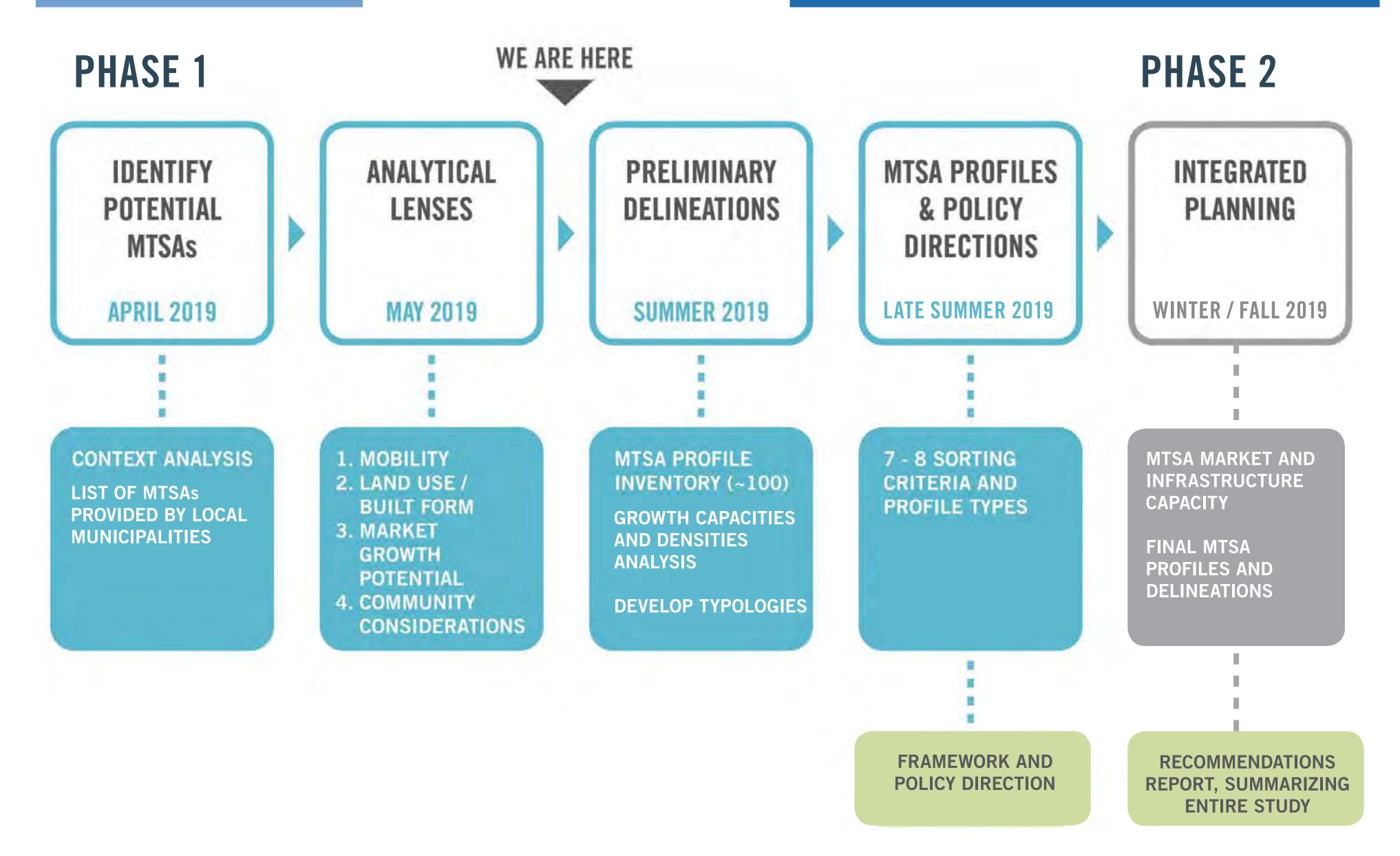
residents and jobs combined metre radius area of a transit station, per hectare for those that are served by Go Transit rail representing a 10 minute walk

160

residents and jobs combined per hectare for those that are served by light rail transit or bus rapid transit



#### **BRAMALEA GO MTSA (GO STATION)**



### **STATION 1: INTRODUCTION**



### **PROJECT INFO: SHAPING GROWTH IN PEEL** Where this study fits into other planning activities



Various levels of plans and policies influence how growth has and will occur in Peel Region. The following boards showcase key plans and policies that will influence this MTSA Study.

### **PROVINCIAL POLICY**

The Growth Plan, 2019, reaffirms the strategic importance of transit oriented development, and collaborative regional and local planning to align transit investment and land use planning by directing density to MTSAs along priority transit corridors.

### **REGION OF PEEL POLICY**

#### **Municipal Comprehensive Review (MCR)**

• This is a review that ensures the Regional Official Plan adheres to all provincial planning policy (which may have changed since the Regional Official Plan was first created).

#### **Peel Growth Management Strategy**

 An updated outlook for growth across the Region, prepared for 2020 to guide infrastructure development and updates to the development charges by-law.

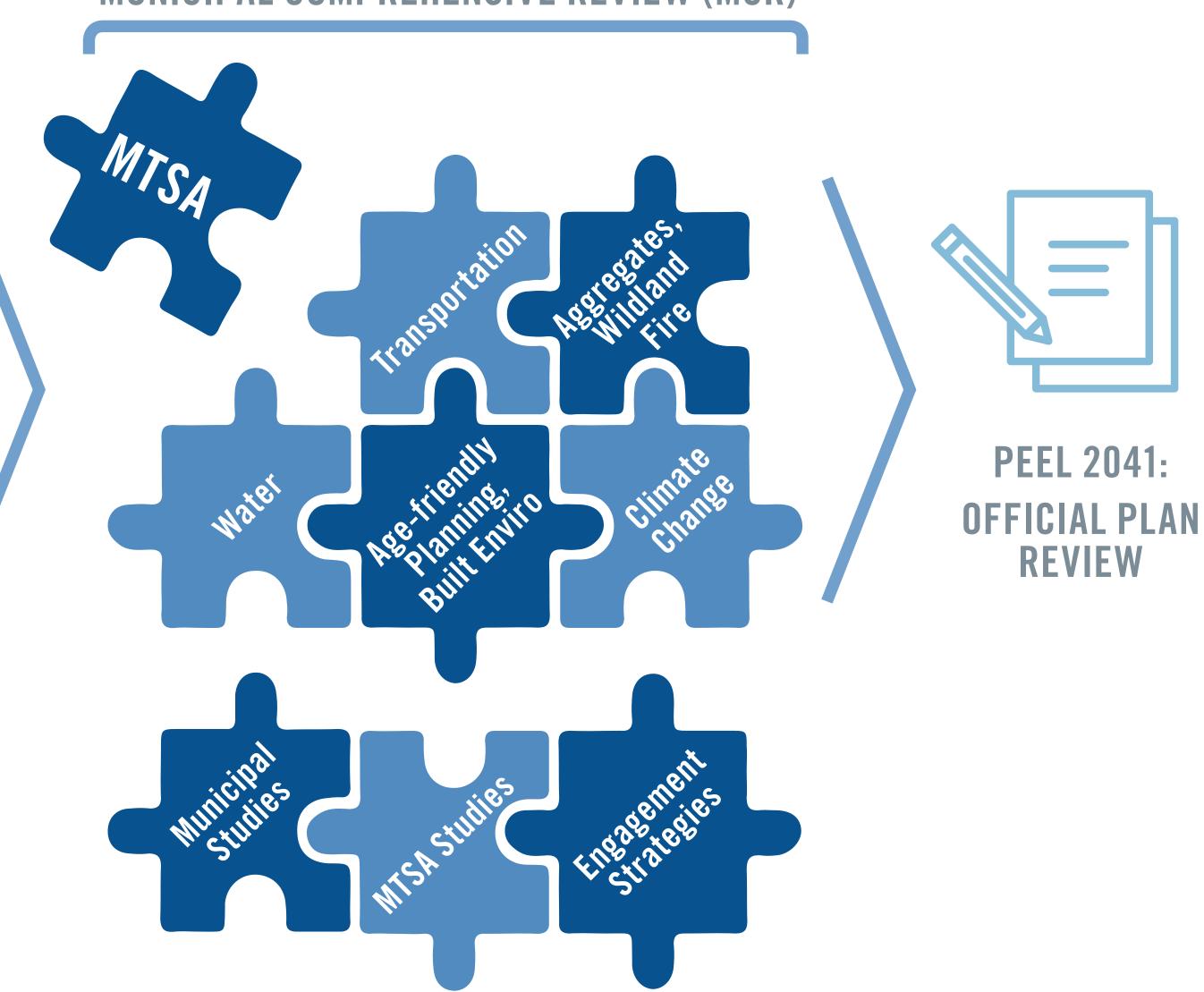
#### Peel 2041 Official Plan Review

- Integration of the Municipal Comprehensive Review findings, new provincial policy, Growth Plan directions, and any other provincial legislation within Regional Planning Policies.
- Developed through informal and formal public engagement.

### LOCAL AND REGIONAL ACTIVITIES IN 2019

### **REGION OF PEEL ACTIVITIES**

- Peel 2041 Official Plan Review (Focus Areas)
- Updates on Provincial guidance, Growth Plan direction, legislation
- Informal and formal public engagement



#### MUNICIPAL COMPREHENSIVE REVIEW (MCR)

### LOCAL MUNICIPALITY ACTIVITIES

- Continuation of local MTSA studies and engagement
- Coordination of MTSA analysis with local transportation and land use policies

### WHERE DO WE GO FROM HERE?

The Regional MTSA Study will develop a policy framework that responds to the unique context and opportunities for transit oriented communities across Peel. The framework will guide the local municipalities when undertaking detailed implementation planning (official plan, zoning, site design).

# **STATION 1: INTRODUCTION**



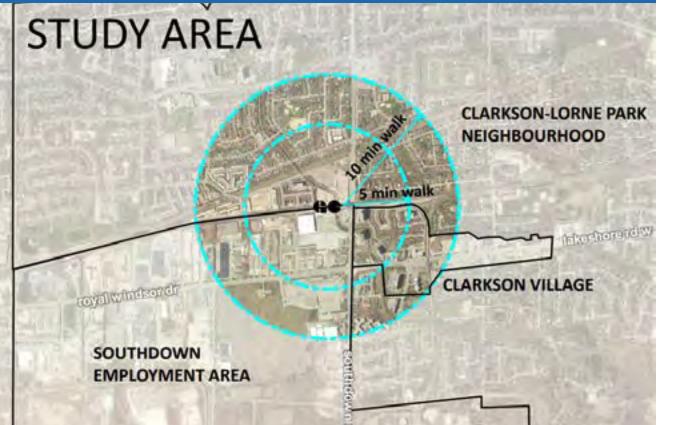
### PROJECT INFO: SHAPING GROWTH IN PEEL Major transit station areas study overview



### MISSISSAUGA

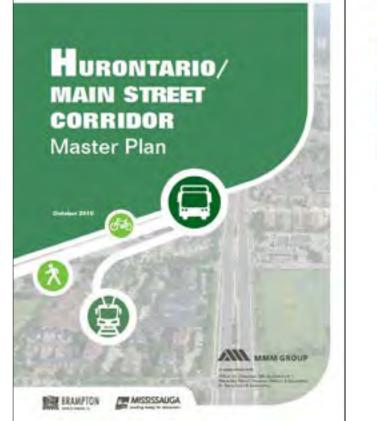
#### CLARKSON TRANSIT STATION AREA STUDY

The Clarkson Transit Station Area Study provides a planning framework to guide future development, ensuring it supports transit and contributes to the walkability of the Clarkson GO station.



#### **HURONTARIO STUDY**

The "Hurontario Study" delivers a cohesive transit-oriented development vision for one the the Region's most important corridors, across a range of contexts that include highway commercial and intense urban development.





#### The Vision for the Corridor a 21st Century Main Street

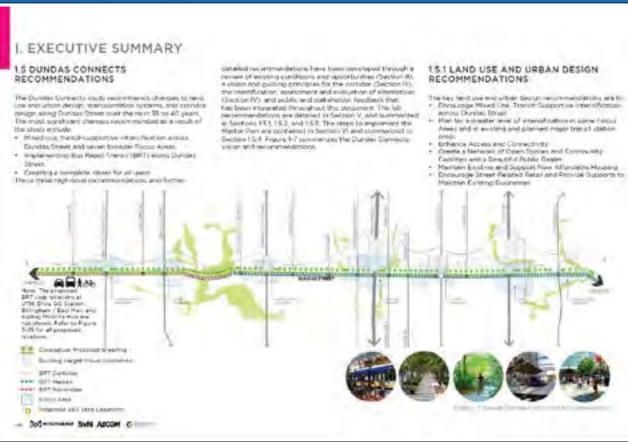
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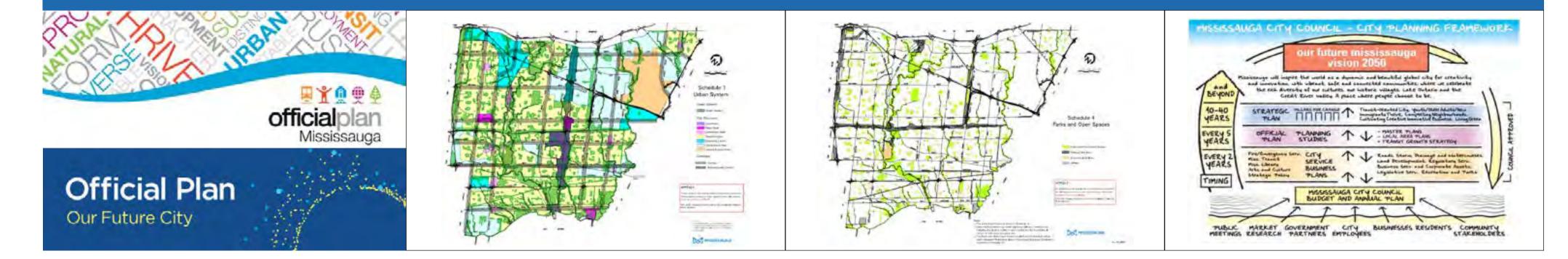
#### **DUNDAS CONNECTS**

The Dundas Connects Master Plan aims to integrate transportation and land use planning, and implement best practices along the corridor to address current and future demand.



#### **OFFICIAL PLAN REVIEW**

The City of Mississauga is planned to be rapid transit- and intensification-ready. Its Official Plan sets out an Urban System, consistent with the Growth Plan and Peel Region Official Plan, of intensification nodes and corridors which are aligned with Provincial transit priorities (e.g. Lakeshore West GO Transit Express Rail) and which also include City priorities such as the integration of rapid transit and intensification in the Dundas Street corridor (i.e. Dundas Connects).



### BRAMPTON

#### **BRAMPTON 2040 VISION**

An inspirational document to guide how Brampton will grow to, 2040 and beyond centered around the people, environment, transportation, jobs, recreation, health, social issues, arts and culture.

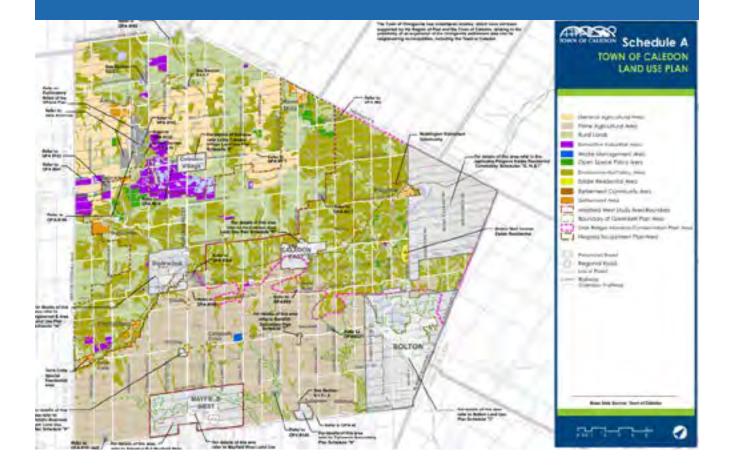




### CALEDON

#### **OFFICIAL PLAN REVIEW 2041**

Caledon is undertaking the creation of a new Official Plan that will guide the future land use, development and growth within the municipality.



#### QUEEN ST BUS RAPID TRANSIT

A framework will be developed to advance rapid transit along the Queen Street-Hwy 7 corridor. The study will recommend a preferred approach for upgrading the existing Zum bus services on Queen Street to full rapid transit standard, along with extending the VIVA BRT Rapidway from York Region.

#### QUEEN ST CORRIDOR LAND USE STUDY

The Queen Street Corridor Land Use Study reviews the existing land use policy surrounding the Queen Street East Corridor between Etobicoke Creek and Highway 410.

#### CALEDON TRANSIT FEASIBILITY STUDY

The study was undertaken to identify the need and potential demand for local transit services within Caledon for residents and local communities.



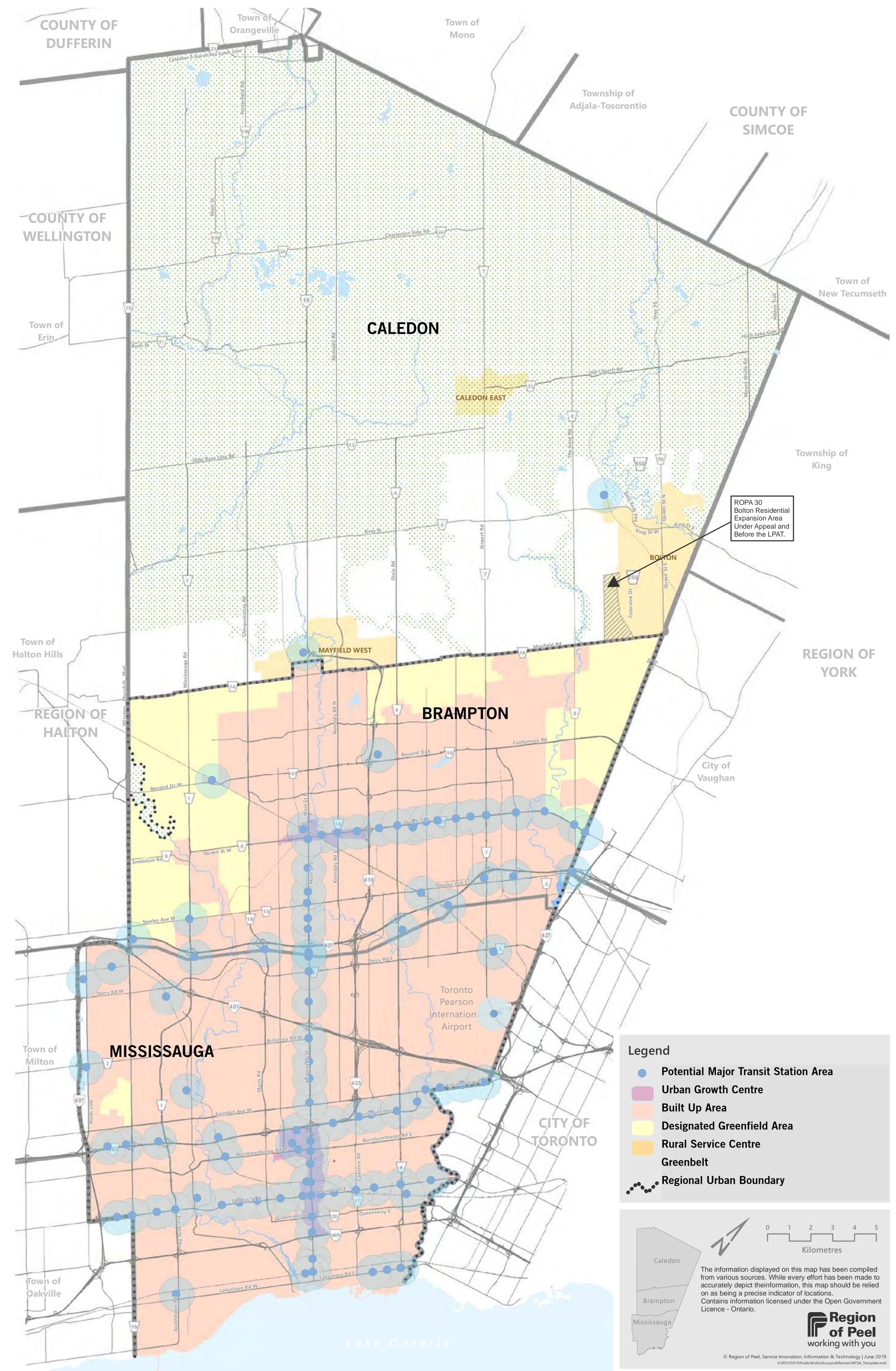




### **STATION 1: INTRODUCTION**

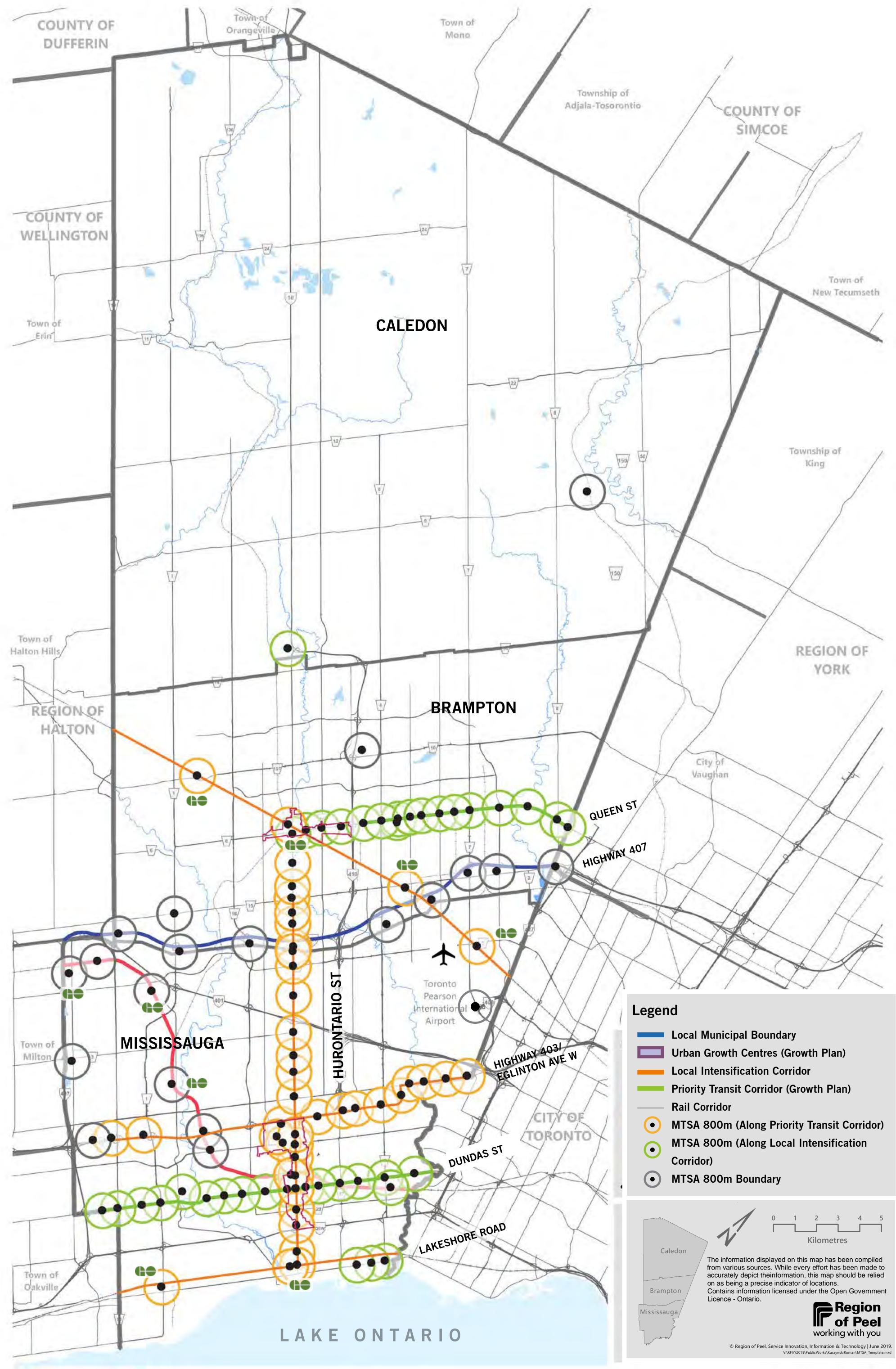
## **PROJECT INFO: SHAPING GROWTH IN PEEL POTENTIAL MAJOR TRANSIT STATION AREAS**





# **STATION 1: INTRODUCTION**



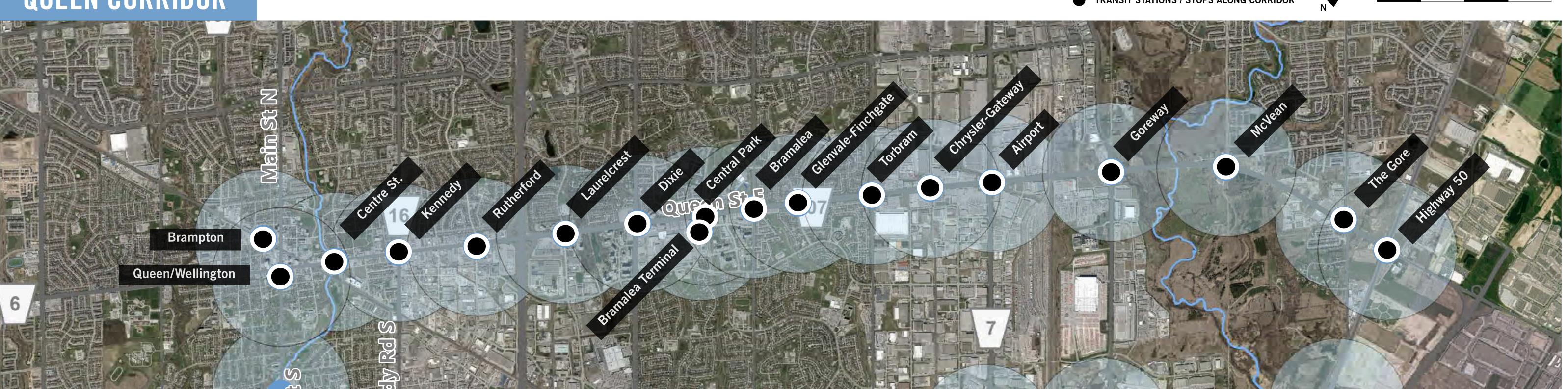


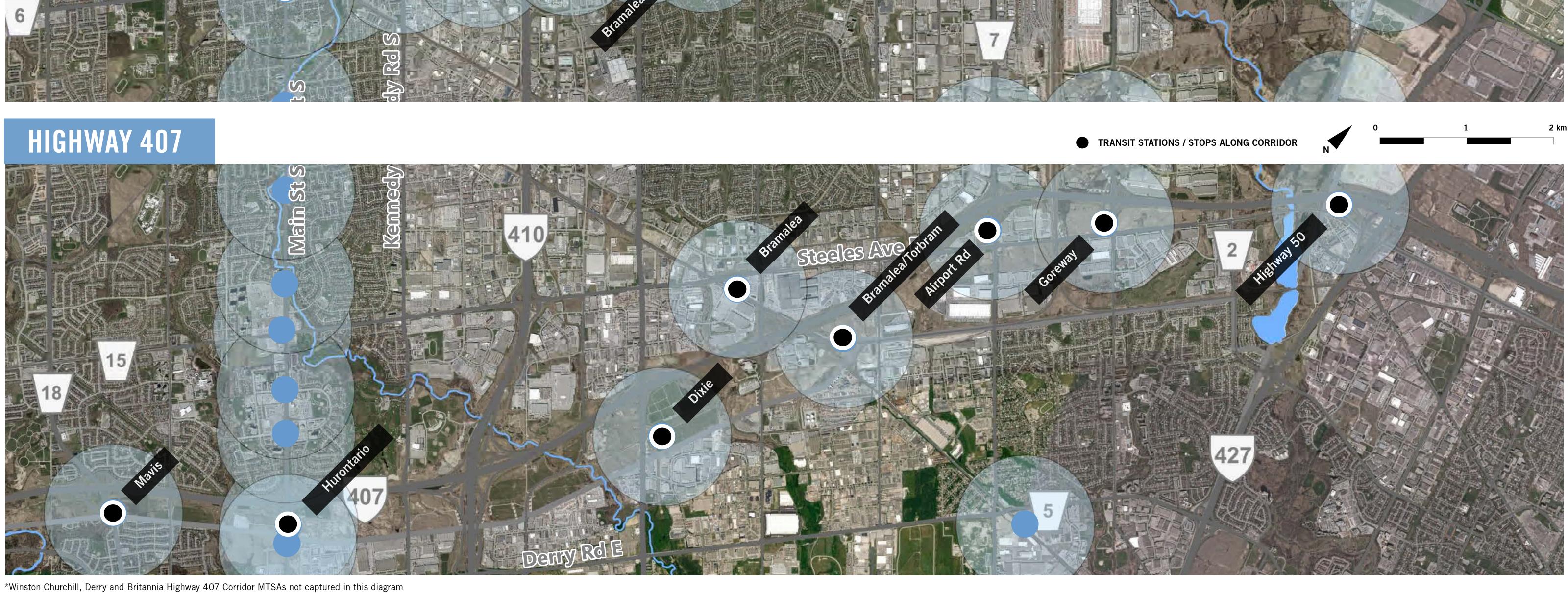
**Region of Peel** working with you

### **STATION 1: INTRODUCTION**



### QUEEN CORRIDOR





# **STATION 1: INTRODUCTION**

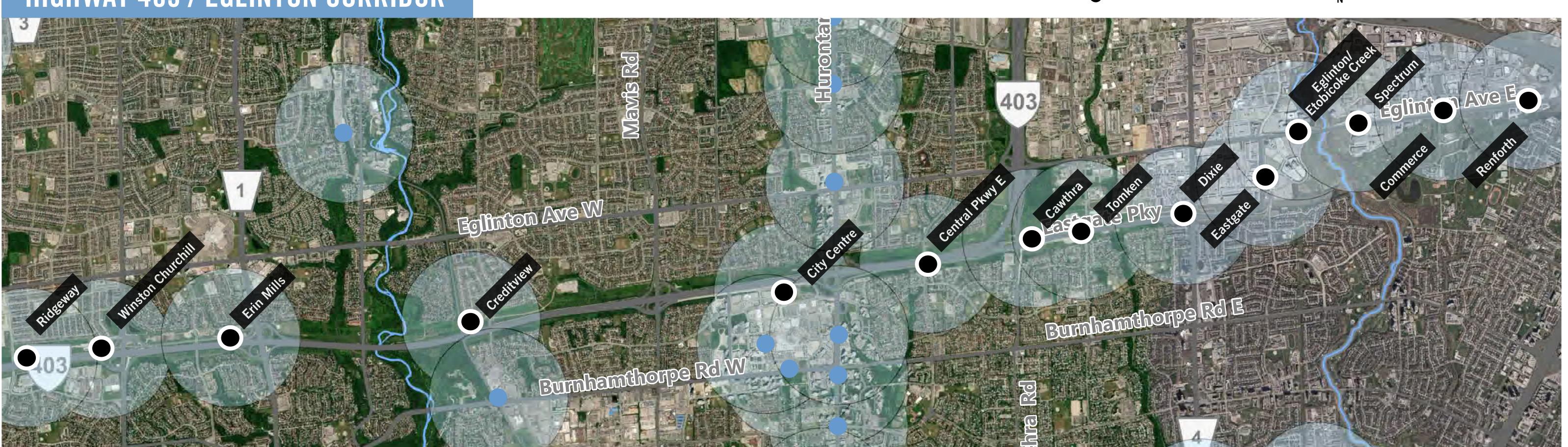
### Perkins&Will<sup>6</sup>

TRANSIT STATIONS / STOPS ALONG CORRIDOR

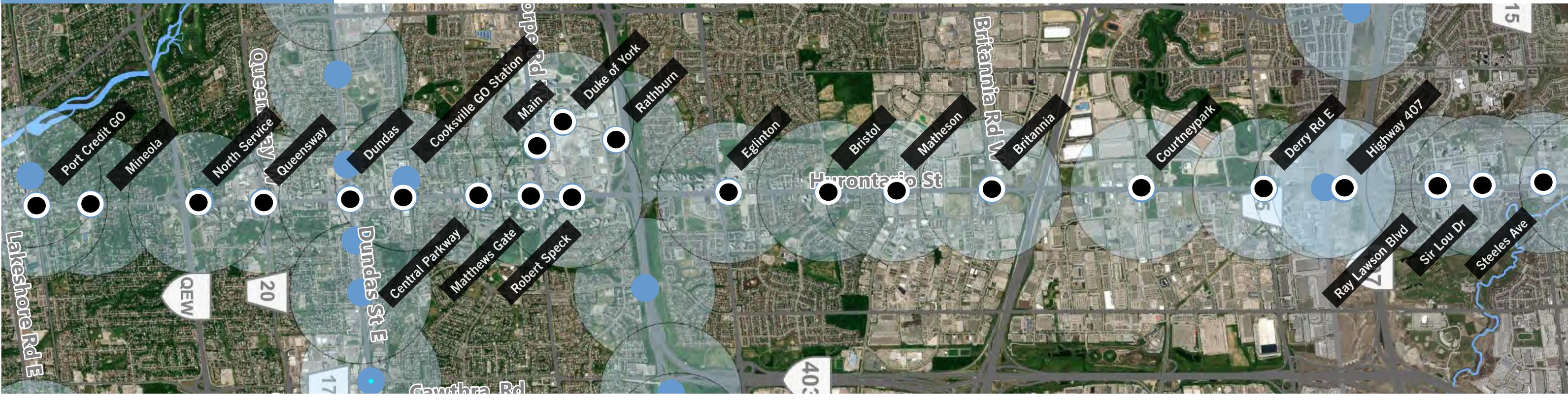


2 km

### HIGHWAY 403 / EGLINTON CORRIDOR



### HURONTARIO CORRIDOR



# **STATION 1: INTRODUCTION**

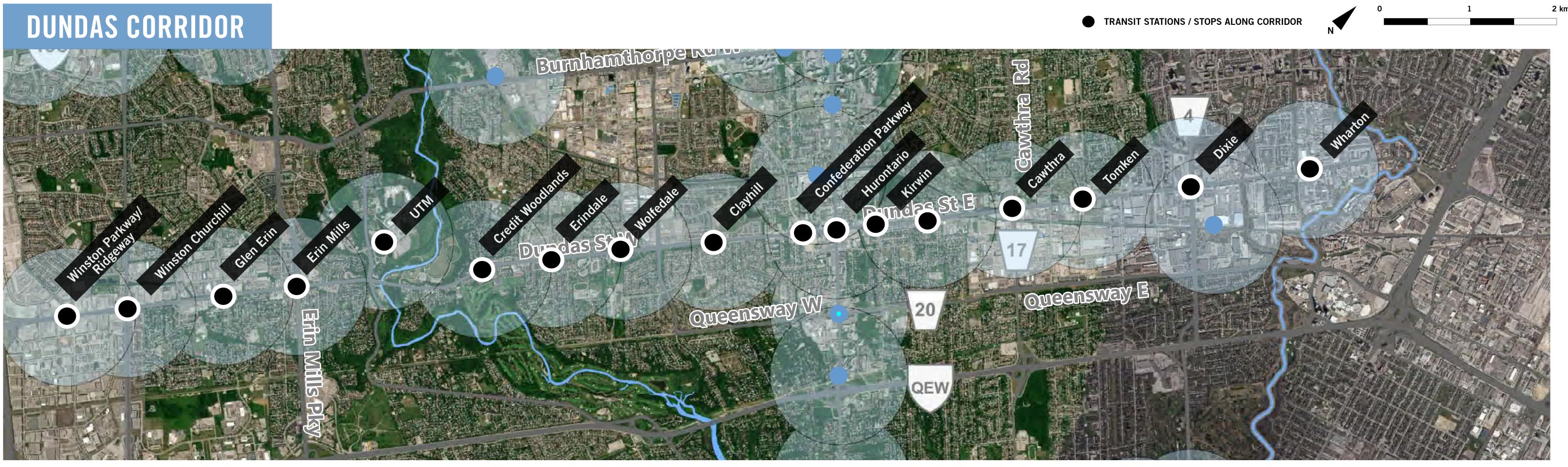


### Perkins&Will

**TRANSIT STATIONS / STOPS ALONG CORRIDOR** 

TRANSIT STATIONS / STOPS ALONG CORRIDOR

# Region of Peel working with you

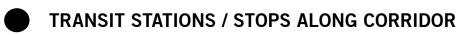


### LAKESHORE CORRIDOR

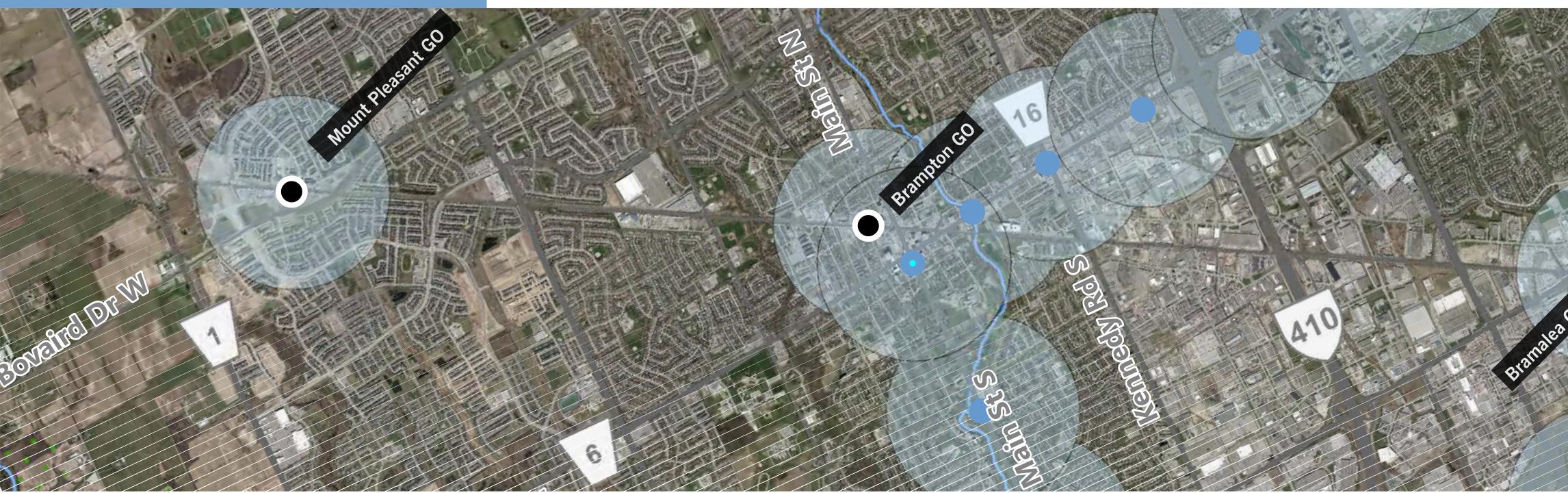


# **STATION 1: INTRODUCTION**

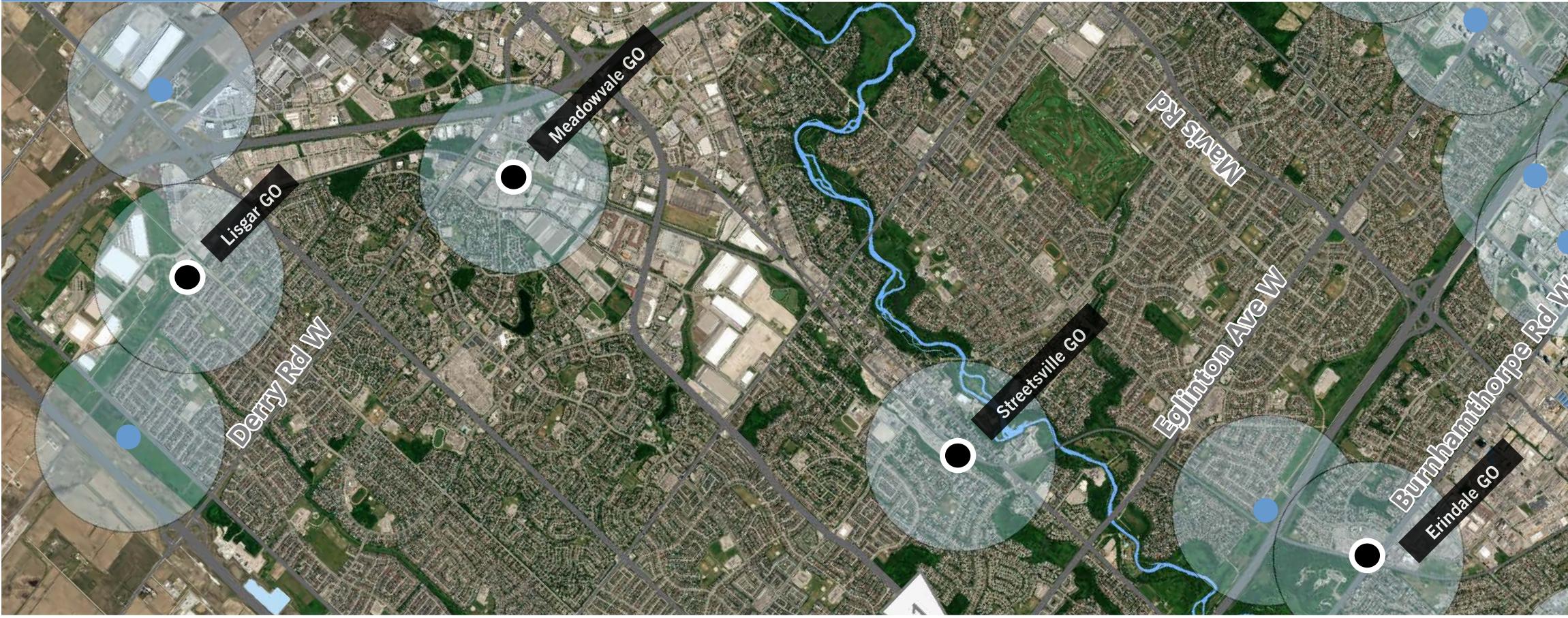




### KITCHENER GO CORRIDOR



### MILTON GO CORRIDOR

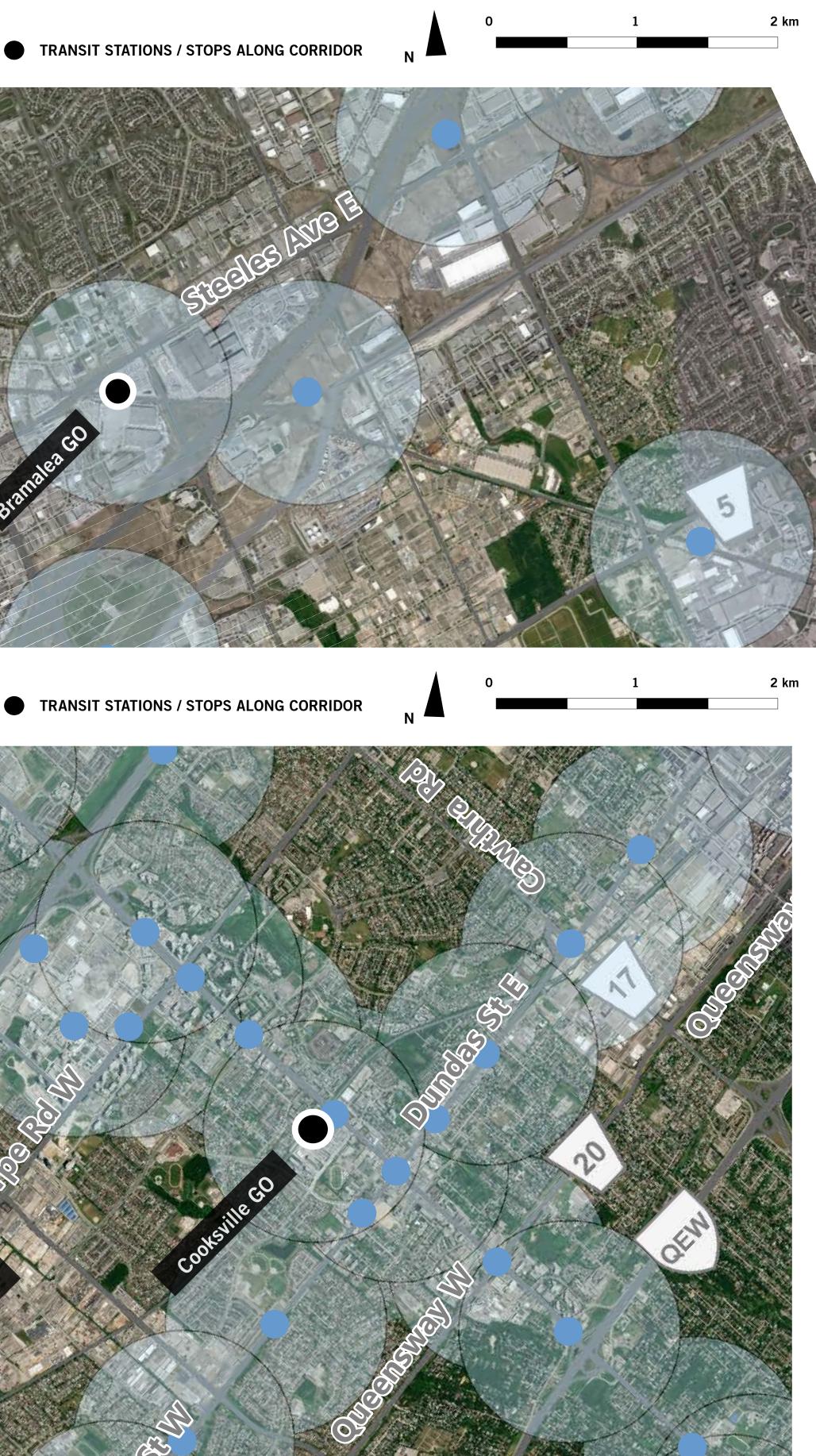


\*Dixie GO MTSA not captured in this diagram

# **STATION 1: INTRODUCTION**









**A. URBAN HUB** Busy mixed use destinations with strong transit service & a concentration of community amenities

### **TYPICAL CHARACTERISTICS**

 $\bullet$ 

 $\bullet$ 

 $\bullet$ 

 $\bullet$ 

#### MOBILITY



#### • High levels of transit service (GO station, BRT)

- Cycling and pedestrian infrastructure
- Inter-modal connectivity and station access for various forms of transportation
- Anchor station classification

density development

• High levels of trip attraction and generation

Infrastructure within 800m boundary

Overlap and proximity to other MTSAs

and higher density development

Low level of landscape constraints (e.g. valleys)

Existing land uses complementary to mixed use

Urban structure and policy encourage higher

Public and private land ownership

- Proximity and connectivity to mobility network
- Funding dedication or commitments

#### LAND USE AND BUILT FORM



#### MARKET & GROWTH POTENTIAL



- Limited land availability for development or infill, but capacity for higher density infill
- Proximity to recently started/completed residential and non-residential projects
- Active development applications within 800m

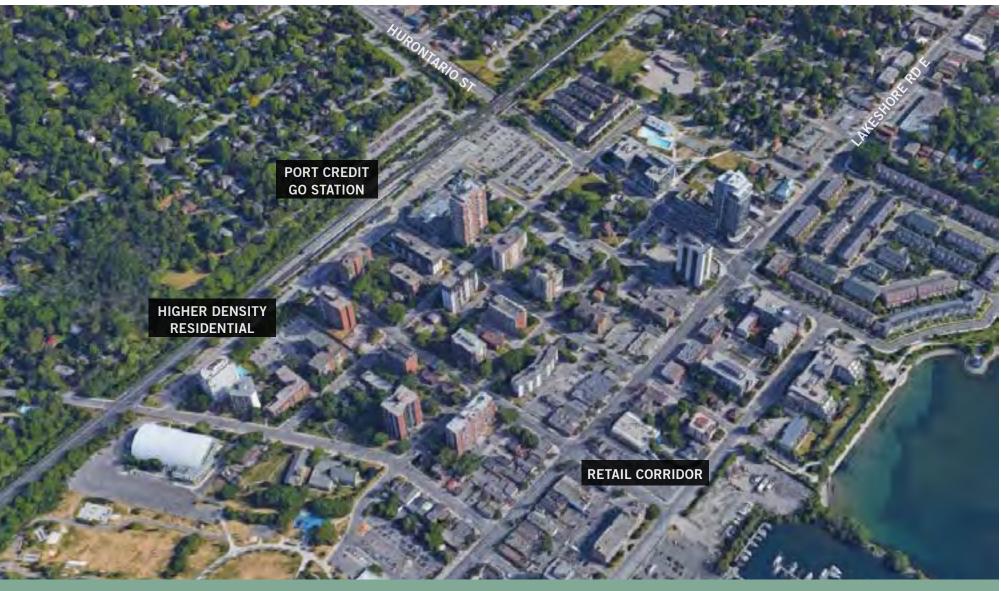
#### COMMUNITY CONSIDERATIONS



- Proximity to community assets (libraries, schools, hospitals, places of worship, malls)
- Opportunities to integrate additional community services
- Supports community spaces that could serve as emergency hubs



#### CHARACTER: CITY CENTRE (HURONTARIO LRT)



#### CHARACTER: PORT CREDIT GO (GO STATION)

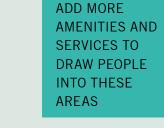






### Think about existing URBAN HUBS in Peel Region...

WHAT ARE THE CURRENT <u>CHALLENGES</u> YOU EXPERIENCE WHEN MOVING THROUGH AN URBAN HUB STATION?



LOTS OF TRAFFIC AROUND THIS AREA DURING RUSH HOUR NO ACTIVITY DURING THE EVENINGS - LOST OPPORTUNITY FOI

EVENTS

### MTSA TYPES TODAY: URBAN HUB



WHAT CHANGES WOULD YOU MAKE TO EXISTING URBAN HUBS TO ADDRESS CURRENT CHALLENGES MOVING FORWARD?

## **MAJOR TRANSIT STATION AREAS: FUTURE IMAGINING FUTURE ROLES & STATION TYPES**



**A. URBAN HUB** Busy mixed use destinations with strong transit service & a concentration of community amenities

may also become new URBAN HUBS...

### **ASPIRATIONAL CHARACTER IMAGES**

MOBILITY





**MARKET & GROWTH** 

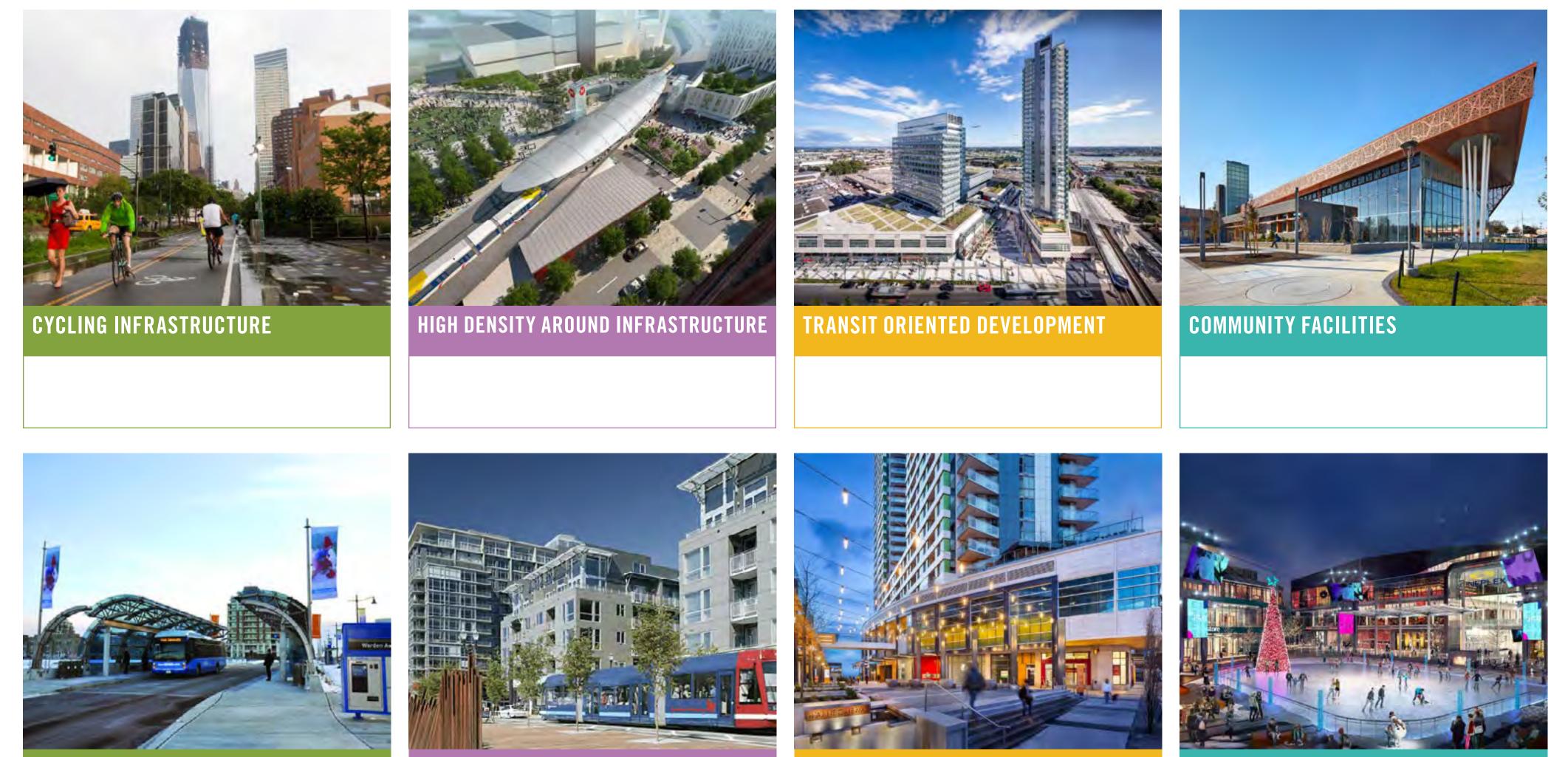


Existing URBAN HUB STATIONS will continue to grow and change. Other areas in Peel Region







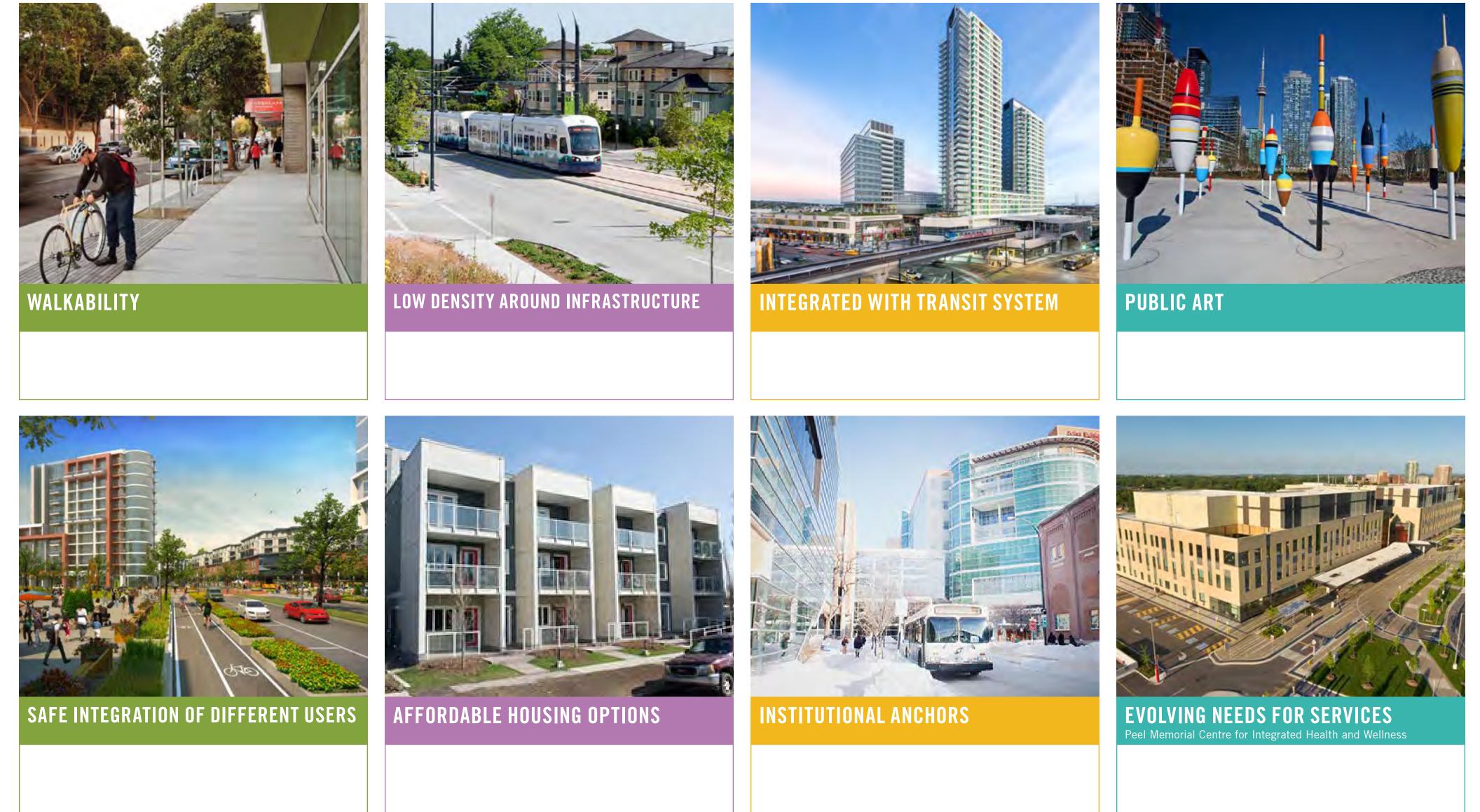


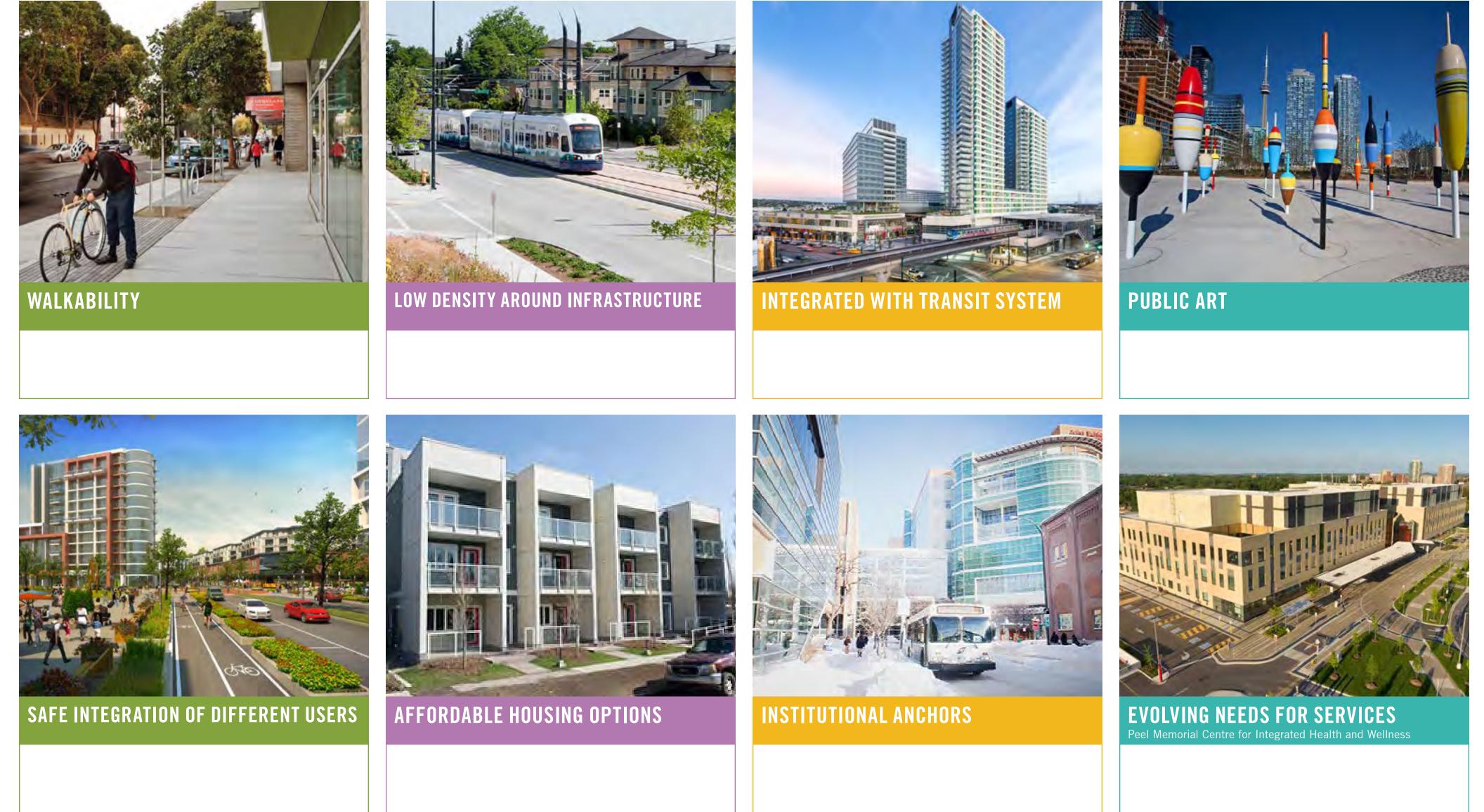
**BUS RAPID TRANSIT** 

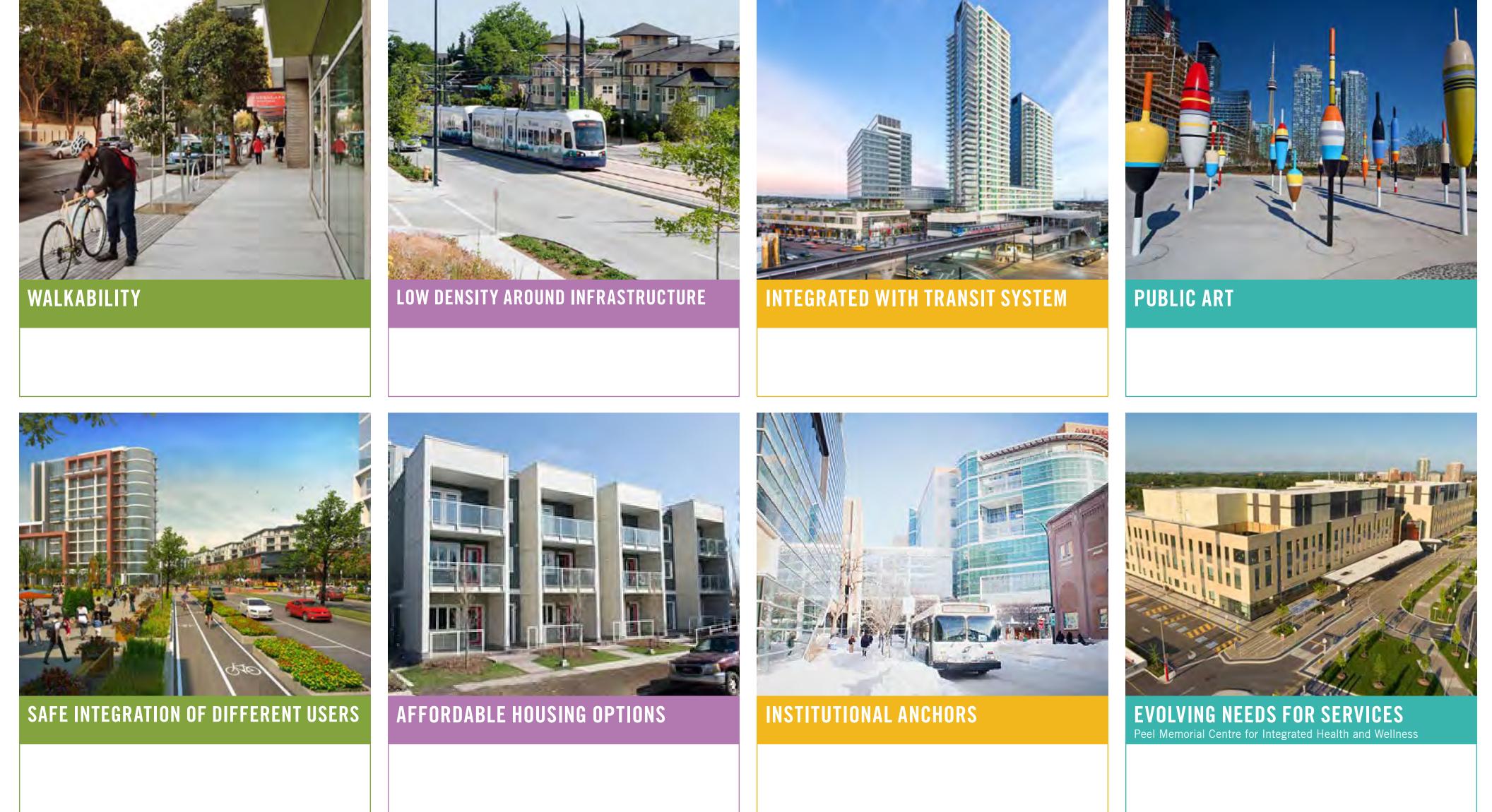
**MEDIUM DENSITY AROUND INFRASTRUCTURE** 

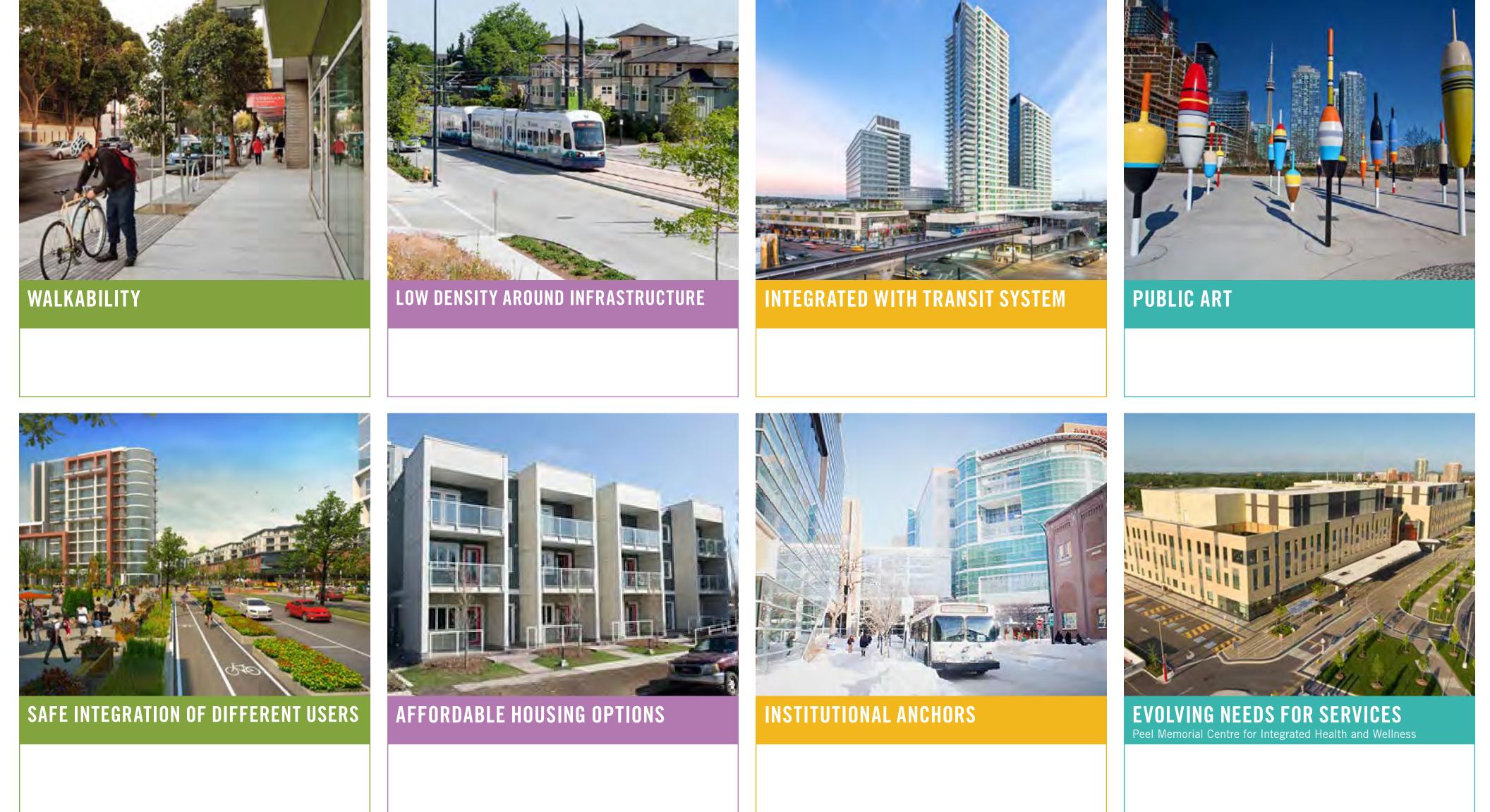
**MIXED USE / RETAIL AT GRADE** 

#### **PROGRAMMING AND COMMUNITY SPACE**









Place a dot on the characteristic you think is most important for Urban Hubs in each column!

### **FUTURE MTSA TYPES: URBAN HUB**



## MAJOR TRANSIT STATION AREAS: FUTURE Imagining future roles & station types



A. URBAN HUB Busy mixed use destinations with strong transit service & a concentration of community amenities

### Think about areas in Peel Region you could see developing into an Urban Hub in the future.....

WHAT ARE <u>POSITIVE OUTCOMES</u> YOU WOULD EXPECT TO SEE AS AN AREA DEVELOPS INTO AN URBAN HUB?



# WHAT ARE POTENTIAL <u>CHALLENGES</u> AN AREA MAY FACE AS IT DEVELOPS INTO AN URBAN HUB?



### FUTURE MTSA TYPES: URBAN HUB





**B. LINE STATIONS** 

Touchpoints along transit routes that support local, 'last kilometre' connections

### **TYPICAL CHARACTERISTICS**

#### MOBILITY



- Limited, infrequent transit access by a surface route
- Minor street crossing (e.g. a physical crossing of an arterial with a local road)
- Slower vehicular traffic

#### MARKET & GROWTH POTENTIAL



- Potential for infill development and/or redevelopment
- Opportunity for higher density residential

#### LAND USE AND BUILT FORM



- Some development: surrounding residential is low density
- Limited residential development existing in the 800m radius
- Some commercial and industrial activities
- Presence of retail in the 800m radius

#### COMMUNITY CONSIDERATIONS



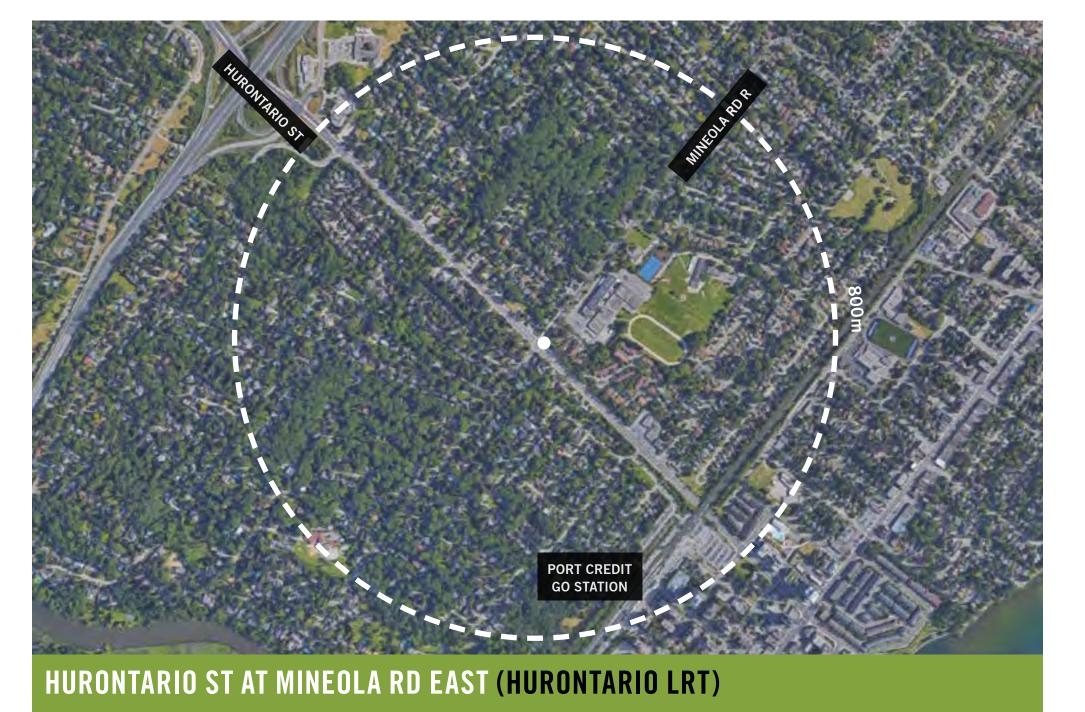
• Not the centre of the community, but a stop along the way, connecting to community services and functions



#### CHARACTER: HURONTARIO ST AT MINEOLA RD EAST (HURONTARIO LRT)



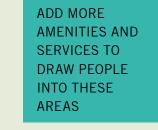
CHARACTER: QUEEN ST E AT GOREWAY DR (QUEEN ST BRT)





### Think about existing LINE STATIONS in Peel Region...

WHAT ARE THE CURRENT <u>CHALLENGES</u> YOU EXPERIENCE WHEN MOVING THROUGH A LINE STATION?



LOTS OF TRAFFIC AROUND THIS AREA DURING RUSH HOUR NO ACTIVITY DURING THE EVENINGS - LOST OPPORTUNITY FOI

EVENTS

### **MTSA TYPES TODAY: LINE STATIONS**



WHAT CHANGES WOULD YOU MAKE TO EXISTING LINE STATIONS TO ADDRESS CURRENT CHALLENGES MOVING FORWARD?

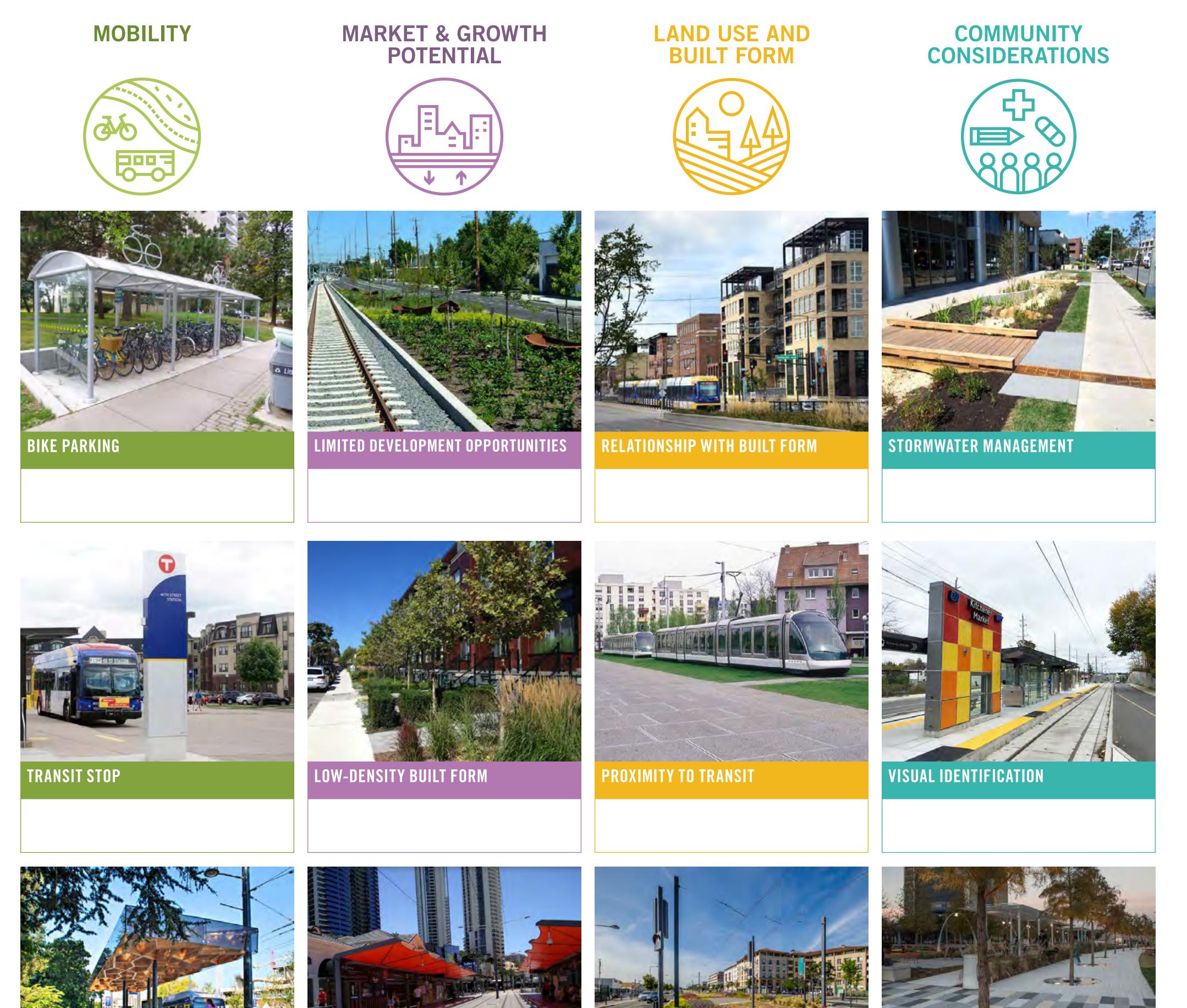
## MAJOR TRANSIT STATION AREAS: FUTURE Imagining future roles & station types

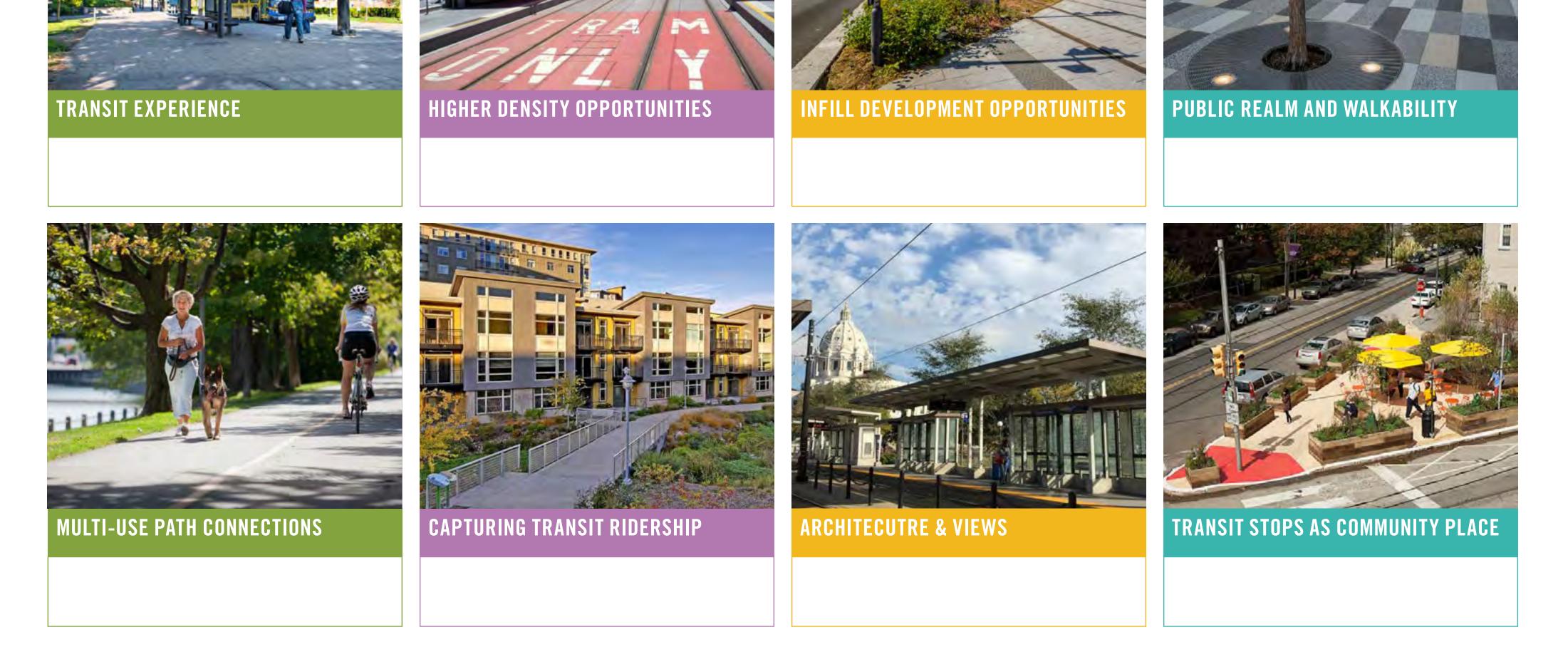


**B. LINE STATIONS** Touchpoints along transit routes that support local, 'last kilometre' connections

### ASPIRATIONAL CHARACTER IMAGES

Existing LINE STATIONS will continue to grow and change. Other areas in Peel Region may also become new LINE STATIONS...





Place a dot on the characteristic you think is most important for Line Stations in each column!

## FUTURE MTSA TYPES: LINE STATIONS



### MAJOR TRANSIT STATION AREAS: FUTURE Imagining future roles & station types



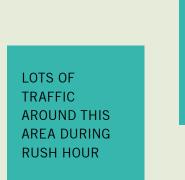
### **B. LINE STATIONS** Touchpoints along transit routes that support local, 'last kilometre' connections

### Think about areas in Peel Region you could see developing into a Line Station in the future.....

WHAT ARE <u>POSITIVE OUTCOMES</u> YOU WOULD EXPECT TO SEE AS AN AREA DEVELOPS INTO A LINE STATION?



# WHAT ARE POTENTIAL <u>CHALLENGES</u> AN AREA MAY FACE AS IT DEVELOPS INTO A LINE STATION?



NO ACTIVITY DURING THE EVENINGS - LOST OPPORTUNITY FOF EVENTS

### **FUTURE MTSA TYPES: LINE STATIONS**





**C. CONNECTOR STATIONS** Areas defined by key transit route & road crossings, connecting neighbourhoods & amenities

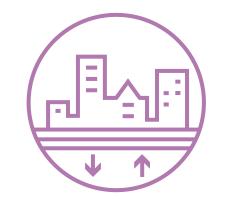
### **TYPICAL CHARACTERISTICS**

#### MOBILITY



- Relatively high transit service; supported by 1-2 key bus routes
- Hub for intersecting transit and transportation lines, but no dedicated surface lots for park-and-go patterns
- Crossing point of major transportation infrastructure
- Provides key vehicular access between two different neighbourhoods or land uses
- Higher speed vehicular traffic
- Proximate to highway interchanges or Commuter Station

#### MARKET & GROWTH POTENTIAL



- Infill or redevelopment potential in the immediate 800m radius
- Limited capacity for major, new development due to regulatory and landscape constraints
- Opportunity for higher density residential at the fringe of the 800m radius

#### LAND USE AND BUILT FORM



- Proximate to lower density residential and/or commercial
- Undeveloped land in the immediate 800m radius and outside the 800m radius
- Landscape constraints for future development, including rail, utility corridor, topography, and conservation land

#### COMMUNITY CONSIDERATIONS



- Public health considerations related to proximity to highway and utility infrastructure
- Connects communities and proximate to community functions such as schools and recreation facilities



#### 9000



#### CHARACTER: WINSTON CHURCHILL (403 BRT)



**CHARACTER: GATEWAY TERMINAL (HURONTARIO LRT)** 





**GATEWAY TERMINAL (HURONTARIO LRT)** 

### Think about existing CONNECTOR STATIONS in Peel Region...

WHAT ARE THE CURRENT <u>CHALLENGES</u> YOU EXPERIENCE WHEN MOVING THROUGH A CONNECTOR STATION?

STATIONS TO ADDRESS CURRENT CHALLENGES MOVING FORWARD?

WHAT CHANGES WOULD YOU MAKE TO EXISTING CONNECTOR

LOTS OF TRAFFIC AROUND THIS AREA DURING RUSH HOUR NO ACTIVITY DURING THE EVENINGS - LOST OPPORTUNITY FOI EVENTS ADD MORE AMENITIES AND SERVICES TO DRAW PEOPLE INTO THESE AREAS

### **MTSA TYPES TODAY: CONNECTOR STATIONS**

## MAJOR TRANSIT STATION AREAS: FUTURE Imagining future roles & station types



**C. CONNECTOR STATIONS** Areas defined by key transit route & road crossings, connecting neighbourhoods & amenities

### ASPIRATIONAL CHARACTER IMAGES

Existing CONNECTOR STATIONS will continue to grow and change. Other areas in Peel Region may also become new CONNECTOR STATIONS...





**MARKET & GROWTH** 

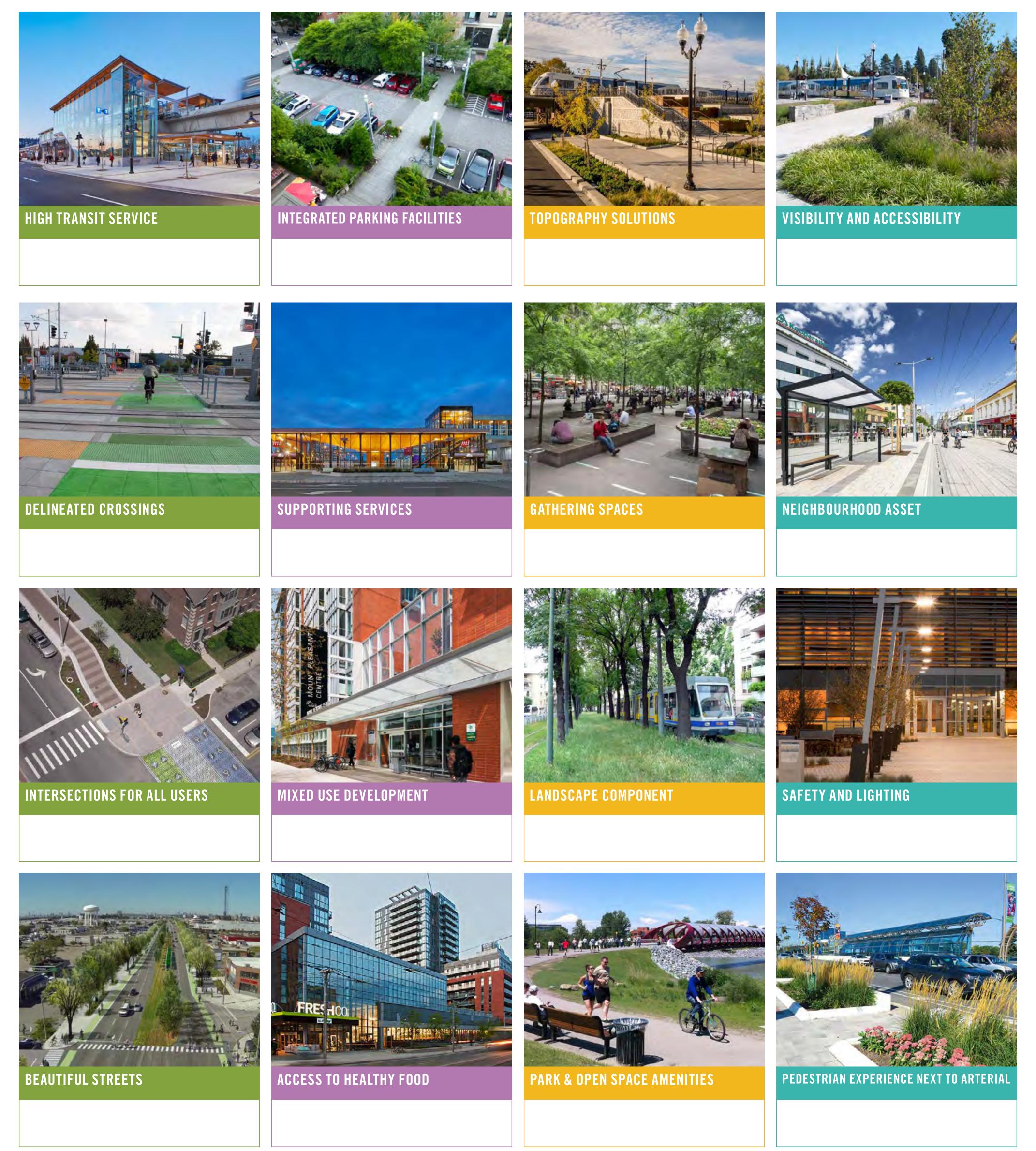


LAND USE AND

**BUILT FORM** 







Place a dot on the characteristic you think is most important for Connector Stations in each column!

### **FUTURE MTSA TYPES: CONNECTOR STATIONS**



### **C. CONNECTOR STATIONS** Areas defined by key transit route & road crossings, connecting neighbourhoods & amenities

Think about areas in Peel Region you could see developing into a Connector Station in the future.....

WHAT ARE <u>POSITIVE OUTCOMES</u> YOU WOULD EXPECT TO SEE AS AN AREA DEVELOPS INTO A CONNECTOR STATION?



# WHAT ARE POTENTIAL <u>CHALLENGES</u> AN AREA MAY FACE AS IT DEVELOPS INTO A CONNECTOR STATION?



NO ACTIVITY DURING THE EVENINGS - LOST OPPORTUNITY FOR EVENTS

### **MTSA TYPES TODAY: CONNECTOR STATIONS**





### **D. COMMUTER STATIONS** Places that facilitate local and regional mobility, connecting residents to their destinations

### **TYPICAL CHARACTERISTICS**

#### MOBILITY



- Commuters drive here then continue on transit
- Convenient drop-off locations
- Major regional intersection of arterial roads

#### MARKET & GROWTH POTENTIAL



- Land availability for development or infill
- Proximity to recently started/completed residential and non-residential projects
- Active development applications within 800m

#### LAND USE AND BUILT FORM



- Large parking lots to accommodate park-and-go patterns
- Adjacent to low or high density residential uses
- Adjacent to major employers or commercial land uses

#### COMMUNITY CONSIDERATIONS



- Unused and empty during off-peak and evening hours, potential for programming
- Employment and institutional uses





CHARACTER: QUEEN/WELLINGTON (HURONTARIO LRT)







### Think about existing COMMUTER STATIONS in Peel Region...

WHAT ARE THE CURRENT <u>CHALLENGES</u> YOU EXPERIENCE WHEN MOVING THROUGH A COMMUTER STATION?

> ADD MORE AMENITIES AND SERVICES TO DRAW PEOPLE INTO THESE AREAS

LOTS OF TRAFFIC AROUND THIS AREA DURING RUSH HOUR NO ACTIVITY DURING THE EVENINGS - LOST OPPORTUNITY FO

EVENTS

### **MTSA TYPES TODAY: COMMUTER STATIONS**



WHAT CHANGES WOULD YOU MAKE TO EXISTING COMMUTER STATIONS TO ADDRESS CURRENT CHALLENGES MOVING FORWARD?

## **MAJOR TRANSIT STATION AREAS: FUTURE IMAGINING FUTURE ROLES & STATION TYPES**



**D. COMMUTER STATIONS** Places that facilitate local and regional mobility, connecting residents to their destinations

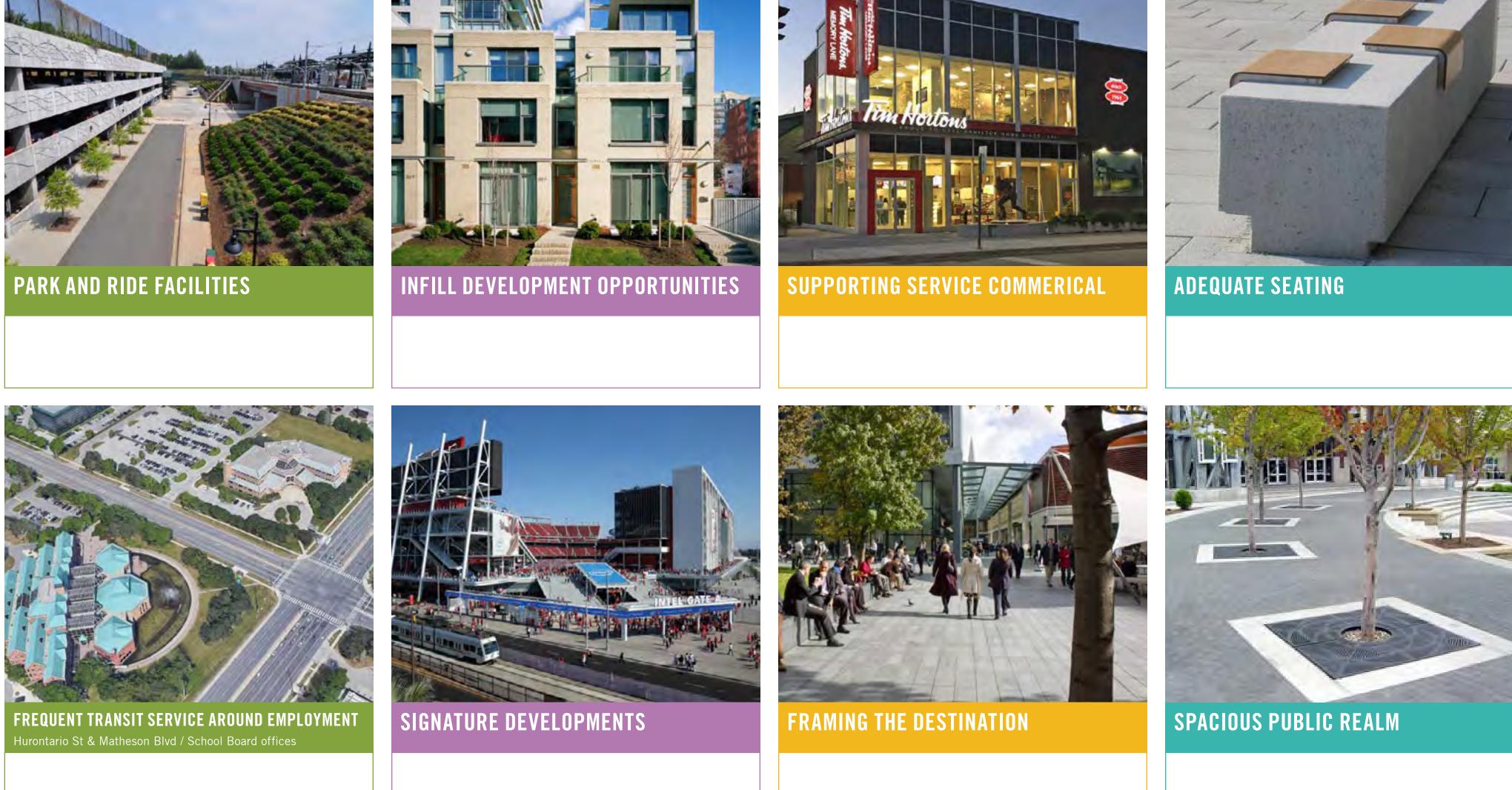
### **ASPIRATIONAL CHARACTER IMAGES**

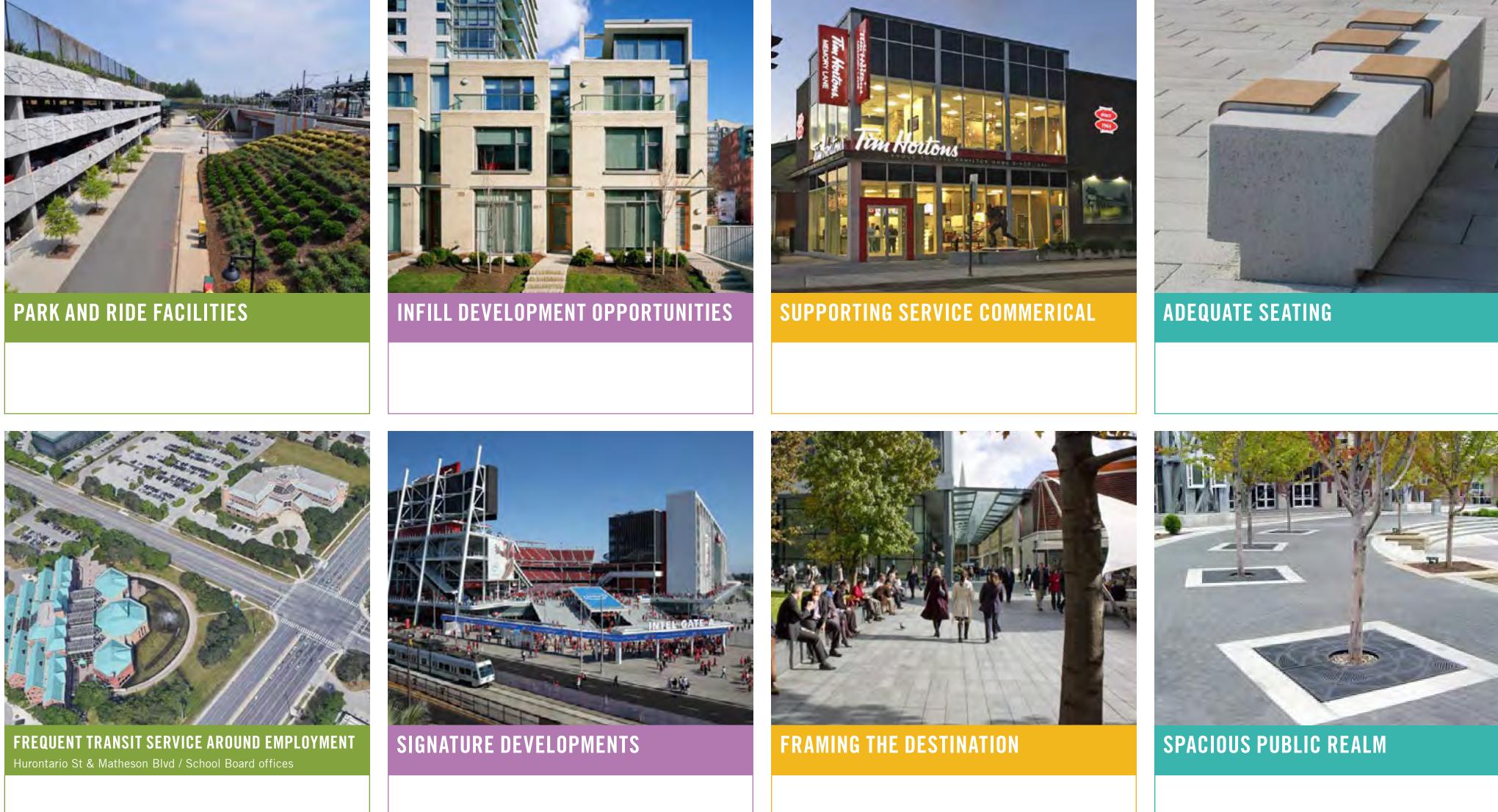
Existing COMMUTER STATIONS will continue to grow and change. Other areas in Peel Region may also become new COMMUTER STATIONS...

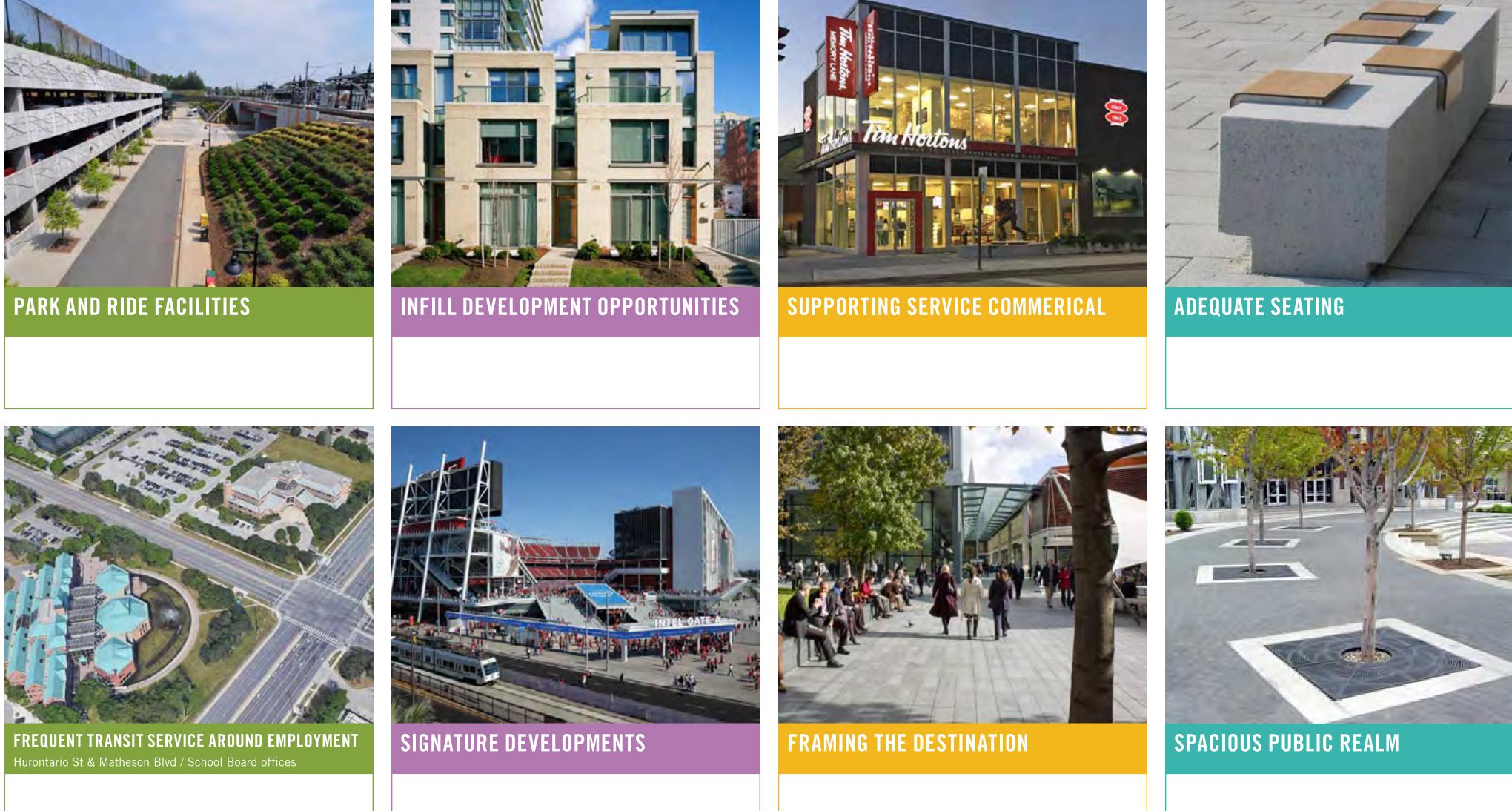


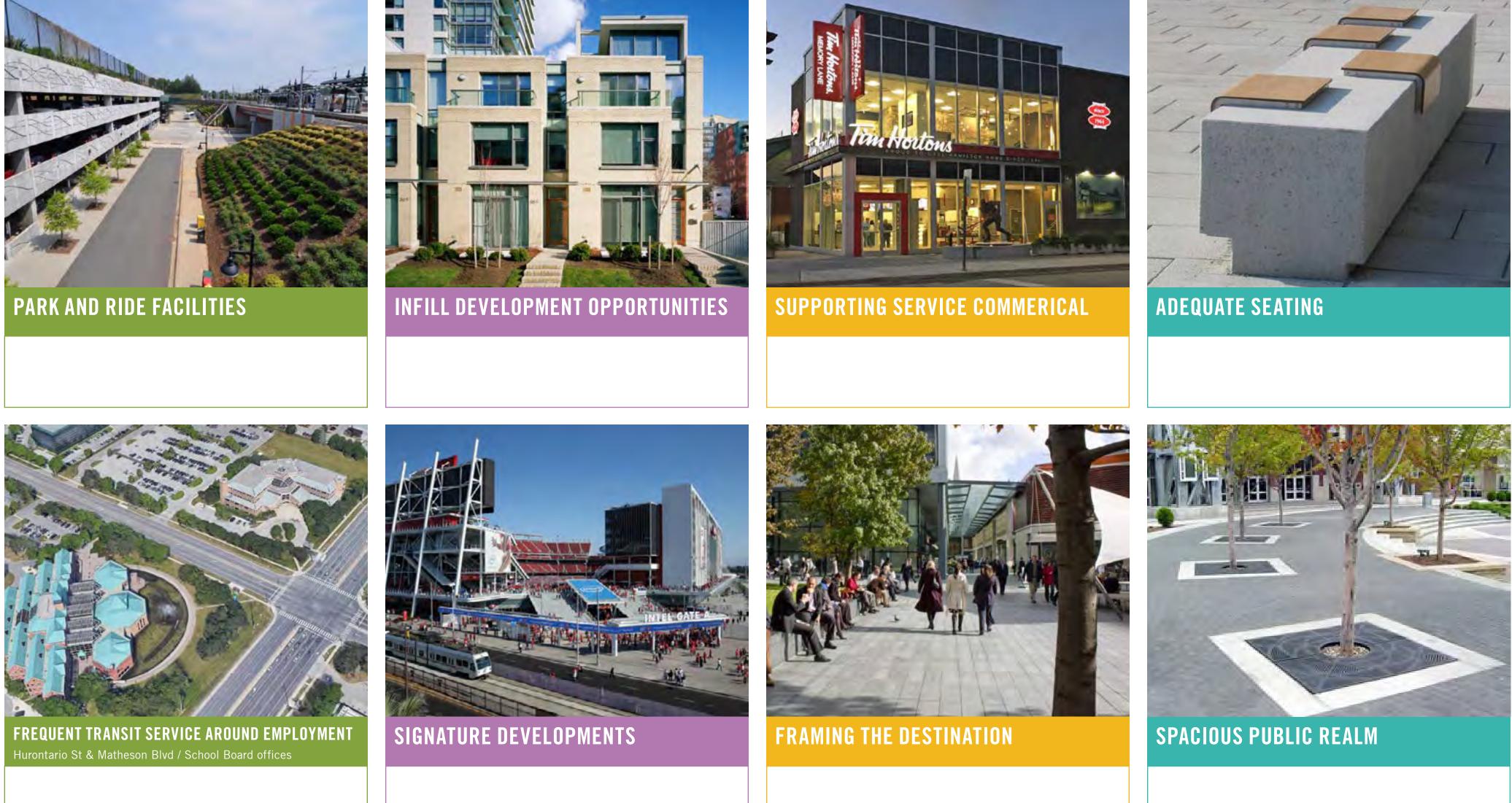
TRANSIT INFRASTRUCTURE	SMALL SCALE RETAIL	PARKING FACILITIES	SIGNAGE

STARBUCKS PASSENGER PICK UP DROP OFF **COMMERCIAL RETAIL OPPORTUNITIES GREEN INFRASTRUCTURE** ACCESSIBILITY









Place a dot on the characteristic you think is most important for Commuter Stations in each column!

### FUTURE MTSA TYPES: COMMUTER STATIONS



### **D. COMMUTER STATIONS** Places that facilitate local and regional mobility, connecting residents to their destinations

Think about areas in Peel Region you could see developing into a Commuter Station in the future.....

WHAT ARE <u>POSITIVE OUTCOMES</u> YOU WOULD EXPECT TO SEE AS AN AREA DEVELOPS INTO A COMMUTER STATION?



# WHAT ARE POTENTIAL <u>CHALLENGES</u> AN AREA MAY FACE AS IT DEVELOPS INTO A COMMUTER STATION?

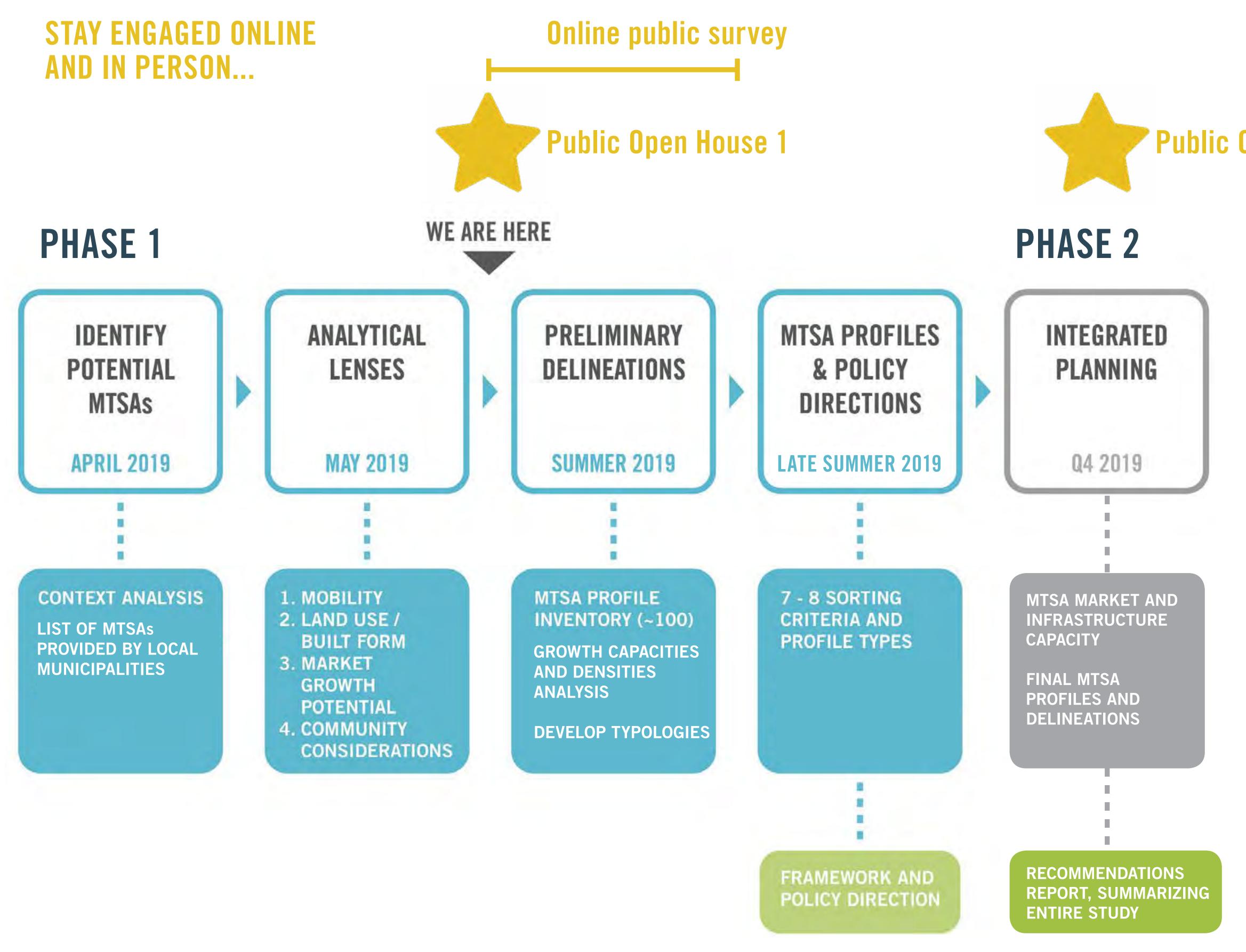


NO ACTIVITY DURING THE EVENINGS - LOST OPPORTUNITY FOR EVENTS

### **FUTURE MTSA TYPES: COMMUTER STATIONS**



# NEXT STEPS & HOW TO STAY ENGAGED



### **STATION 4: NEXT STEPS**



Public Open House 2

For more information on the Major Transit Station Area Study email the Regional Planning and Growth Management Division by visiting

www.peelregion.ca/ planning/officialplan/mtsa

# OTHER IDEAS, THOUGHTS, QUESTIONS, OR FEEDBACK?

**ADD YOUR STICKY NOTE** 

# **STATION 4: ADDITIONAL FEEDBACK**



### Perkins&Will<sup>23</sup>