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Getting to Transit-Oriented Communities: Virtual Walkshop

ENTRY WA





TRANSIT PLAZA

Breakout Room Allocation

GROUP 1	GROUP 2	GROUP 3	GROUP 4	GROUP 5	GROUP 6	GROUP 7	GROUP 8	GROUP 9	GROUP 10	
Adaoma Patterson	Bob Bjerke	Adnan AbouAlway	Albert Moreno	Alidad Mafinezam,	Andre Brumfield	Blaime Lucas	Aiden Sweeny	Adrianna Spinosa	Devin Ramphel	
Andrew Charles	Brennan Carroll	Amanda Tapp	Amanda Leard	Andria Oliveira	Craig Ruttan	Catherine Truong	Anne Golden	Allan Parsons	Evan Beck	
Heidi Calder	Chris Van De Water	Amit Gupta	Andrew Macklin	Anna Madeira	David Stowe	Cheryll Case	Barnes Brett	Andrew McNeill	Fabio Crespin	
JeffHumble	Colin Chung	Bernadette Sniatenchuk	Andy Huang	Bruce McCall-Richmond	Herbert Sinnock	Clare Barnett	David Di lorio	Bindu Shah	Jan Adegeest	
Joe Svec	Dave Kapil	Beth Giltnner	Anna-Maria Kaneff	Derek Goring	Jason Tamming	Daniel Haufschild	Grace Hiltz	Carlos Salazar	Jon Meyers	********
Maggie Wang	David Vanderberg	Daniella Balasal	Chris Lafleur	Jani Moliis	John Simone	Eric Miller	Kelly Stahl	Cecilia Pye	Kanwal Aftab	
Mark Pajot	Denise McClure	Emily Irvine	Christopher Heike	John Kanellopoulos	John Yeh	Eric Pulnicki	Kevin Freeman	Christina Beja	Ken Greenberg	
Matti Siemiatycki	Doug Rieger	Harim Labuschagne	Dan Watchom	Judy Farvolden	Kelly Graham	Harinder Malhi	Madhu Debnath	Danica Quinn	Luckshanan Balakrishnan	
Natasha Rea	Hashim Hamdani	Hazelmae Valenzuela	Emma West	Liliana Da Silva	Laura Lukasik	HeatherWatt	Mark Emery	Daryl Vanmoorsel	Michael Bennington	
Philip Franze	Joey Falvo	Ken Chew	Iwona Fransden	Malik Majeed	Manni Chauhan	Henrik Zbogar	Martin Bohl	Dermot Sweeny	Michael Gagnon	
Pitsa Davey	Kelly Henderson	Kristina Kaneff	Kate Collignon	Marjan Lahuis	Nada Almasri	Jonathan English	Michael Bissett	HeatherTremain	Mirella Palermo	
Rachael MacCleery	Matt Norris	Lawrence Kuk	Katy Schofield	Mathieu Goetzke	Quentin Hanchard	Kiran Marok	Michael Georgie	Jonas Tornblom	Miriam Gurza	
Robert Wright	Matthew Suriano	Lina Al-Dajani	Marie Worobec	Matthew Aymar	Rajat Gulati	Lars Henriksson	Neil Jain	Keegan Muldoon	Parvathi Nampoothiri	
Sarah Mitchell	Michael Collents	Marca Arsenault	Michelle Lui	Paul Angelone	Ranelyn Harder	Nicole Hanson	Paul Hess	Melinda Yogendran	Nelson Cadete	
Stewart Chisholm	Nash Damer	Nicholas Brandon	Michelle McCollum	Peter Paravaios	Richard Joy	Patrick Tumer	Peter Smith	Michael Hoy	Peter Miasek	
Stuart Craig	Patrick Ameral	Patrick Miller	Michelle Piotrowski	Roman Kucyznski	Robyn Brown	Randy Gladman	Rick Jones	Minhas	Rowan Mills	
Tuomas Hakala	Phil Litowitz	Roger Dacunha	Paul Wirch	Scott McIntyre	Shonda Wang	Richard Forward	Sally Nicholson	Raymond Lee	Sameer Akhtar	
Vivian Kwok	Richard Sommer	Sach Jain	Sarah Chan	Shawn Bubel	Steve Bodrug	Sarah Powell	Sandra Patano	Steven Dickson	Shalini da Cunha	
Yi Hong	Tim Cane	Sam DeCaria		Todd Latham		Sylvia Roberts	Sonia Dhir	Thais Osso	Victoria Mountain	
Vlad Stritesky	Werner Kuemmling	Tom Kanellopoulos		Yvonne Yeung					Waliullah Memon	
	Gurpreet Malhotra	Yvonne Osei								
		Mathew Da Silva								

Before We Start

Audience will be muted throughout the session.



Use Q&A function or upvote questions by pressing the thumbs up button.





This webinar will be

recorded.

Tweet about the webinar using the handle @ULIToronto #AskGreatQuestions





As a Toronto Region based organization, we acknowledge the land we are meeting on is the traditional territory of many nations including the Mississaugas of the Credit, the Anishnabeg, the Chippewa, the Haudenosaunee and the Wendat peoples and is now home to many diverse First Nations, Inuit and Métis peoples. We also acknowledge that Toronto is covered by Treaty 13 with the Mississaugas of the Credit. We are grateful to have the opportunity to work on this land, and by doing so, give our respect to its first inhabitants.

13,000 years of Indigenous History in the GTA - And Why It Matters to Planning & Development

Public Access via YouTube or Knowledge Finder (link in chat box)



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SettImage: Setting Set

Northcrest OXFORD Quadrangle







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Emma West Partner Bousfields Inc. Chair, ULI Toronto

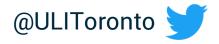
Councillor Martin Medeiros

Wards 3 & 4, Chair, Planning & Development Committee

Trustee Kathy McDonald

Wards 3 & 4, Peel District School Board

Richard Forward Commissioner of Planning, Building and Economic Development





Yvonne Yeung Manager of Urban Design, City of Brampton

Yvonne Yeung is the Manager of Urban Design for the City of Brampton with over 20 years of international experience delivering transit-oriented communities. She is the recipient of the American Society of Landscape Architects Honour Award and the University of Toronto Rotman School of Management Award. She is the vice-chair of the Urban Land Institute SDRC Product Council and member of the ULI Toronto Management Board leading the "Getting to Transit-Oriented **Toronto** Communities Initiative".

Ken Greenberg Principal, Greenberg Consultants

Ken Greenberg is an urban designer, teacher, writer, former Director of Urban Design and Architecture for the City of Toronto and Principal of Greenberg Consultants. He is the recipient of the American Institute of Architects Thomas Jefferson Award for Public Design Excellence and the Sustainable Buildings Canada Lifetime Achievement Award. Ken is the author of Walking Home and Toronto Reborn, a member of the ULI Toronto Advisory Board and is currently serving as Strategic Advisor for the City of Brampton.

Matti Siemiatycki Interim Director, University of Toronto School of Cities

Matti Siemiatycki is the Interim Director of the School of Cities, Professor of Geography & Planning, and Canada Research Chair in Infrastructure Planning and Finance. His research focuses on delivering large-scale infrastructure projects, public-private partnerships, and the effective integration of infrastructure into the fabric of cities. Professor Siemiatycki is a highly engaged public scholar with a deep commitment to informing public discourse about city building.

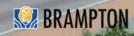


ULI Healthy City Region

Getting to Transit-Oriented Communities Initiative: Uptown Brampton TOC



"Day in a Life" My Uptown Hurontario-Steeles Transit-oriented Community



City of Helsinki has inspired us...

Its emerging Kalasatama district is an "25 hour city" because it gives residents back an hour they would have spent commuting.











We are at the convergence of redefining livability. This is the transformation we are going through now.



"Day in a Life" in Uptown now

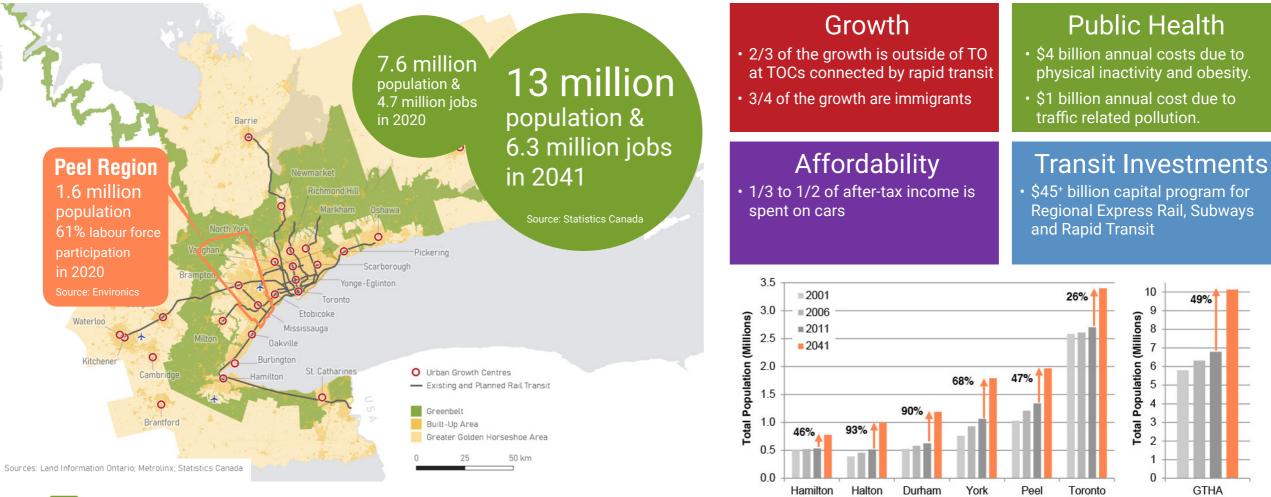


"Day in a Life" in Uptown TOC future





Opportunity to deliver a Healthy, Transit-Oriented Region for GGH, the fastest growing global city region in North America.

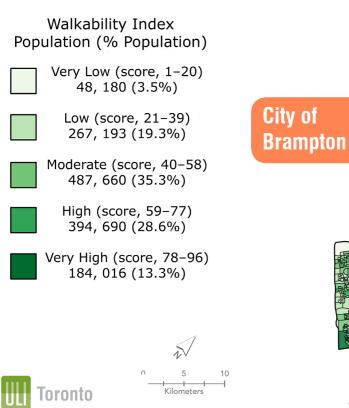


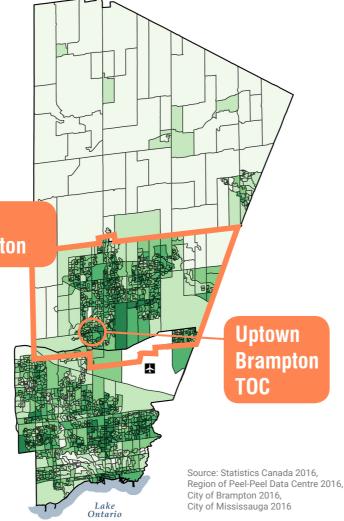
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ULI Toronto

The Medical Officers of Health 2014 "Improving Health by Design" report identified in Peel Region:

Walkability Index for Public Health and Planning in Peel Region





Low use of active modes of travel to work, school & daily errands

- Over 60% of Peel residents are obese.
- Only 25% of children in Peel walk to school.

Traffic-related air pollution concerns

• 50% of Peel residents live within 300m of a high-volume traffic road.

Road congestion impacts productivity

• Road congestion costs \$6 billion per year.

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Healthy 20-min walkable neighbourhoods can be the "TOC antidote" for both infectious and chronic diseases.

19TH CENTURY EPIDEMIC:

- Infectious Diseases

 (e.g., cholera, typhoid, typhus,
 tuberculosis)
- POLICY RESPONSE:
- Clean drinking water
- Sewage systems
- Ventilation of living spaces
- Streets open to sunlight and air circulation
- Demolition of poorly ventilated, crowded tenements
- Public parks

Use of Community Design to Address Major Public Health Issues, Then and Now

21st CENTURY EPIDEMIC:

- Chronic Diseases (e.g., diabetes, cardiovascular diseases)
- POLICY RESPONSE:
- Healthy, compact, complete communities supporting increased walking, cycling and public transit use

Challenge: Inactive Lifestyle



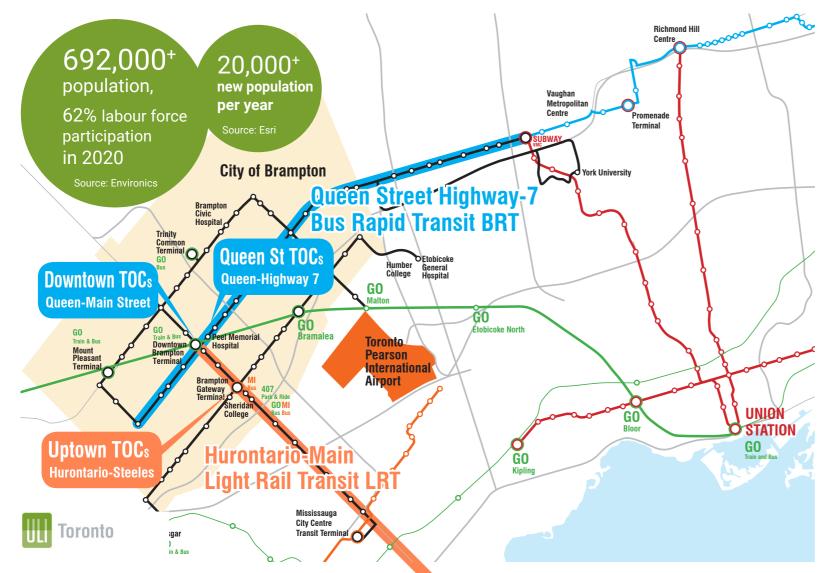
Source: Improving Health by Design in the Greater Toronto-Hamilton Area, 2014



Challenge:

COVID-19

Brampton is one of the fastest growing cities within the Greater Golden Horseshoe with a connected chain of TOCs.



Brampton rapid transit systems include:

Light Rail Transit

• Hurontario LRT and future extension

Bus Rapid Transit

 Future Queens Street and Viva BRT

GO Expansions

- All-day, Two-way at Bramalea GO
- Future All-day, Two-way at Brampton GO

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With a 20,000 new residents per year, Brampton is one of the most diverse cities and a landing place for new immigrant families.

The inflow of younger, family-forming immigrants, including international students, will shape working age population which determine housing choice and labour force growth. Hemson Consulting



Brampton is a major immigrnat destination and is expected to receive an inflow of international students and younger family-forming immigrants with entrepreneurial & business skills.

Brampton Demographics

- 73% are visible minority
- 52% are immigrants
- 39% of immigrants are Age 25-44
- 115 languages spoken



Recent policy changes, global directions, public and private investments create conditions for implementing TOCs now.

Provincial Directions

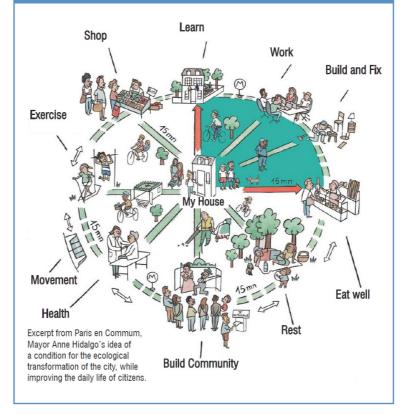
• Bill 197 & PPS accelerate implementation of Province's Transit-Oriented Communities.

A model for healthy, connected communities



Global Directions

• C40 Cities' Green and Just Recovery focuses on creating 15-min walkable cities.



Best Practice Directions

• Helsinki's provides efficient 25/7 living through early integration of education and innovation.

25 hour city: Kalasatama, a planned community in Helsinki, gives an hour a day back to residents.



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Peel Region Council and City of Brampton Council directions create "green-tape" conditions for implementing TOCs.

Peel Council Directions

 Peel's Vision Zero, Healthy Peel By Design, and focus on high-density mixed-use in MTSAs.



Major Transit Station Areas (MTSAs) Planning our communities to 2041 and beyond





Foronto

Brampton Council Directions

 Brampton 2040 Vision, 2018-2022 Term of Council Priorities Cross-departmental Workplan



Council Priorities include:

- Create Complete Communities
- Unlock Uptown & Downtown
- Urban Community Hub
- Healthy Citizens & Local Health Support
- Prioritize Jobs within Centres & Sustainable Growth
- Attract Investments & Community Partnerships
- Create Streets for People

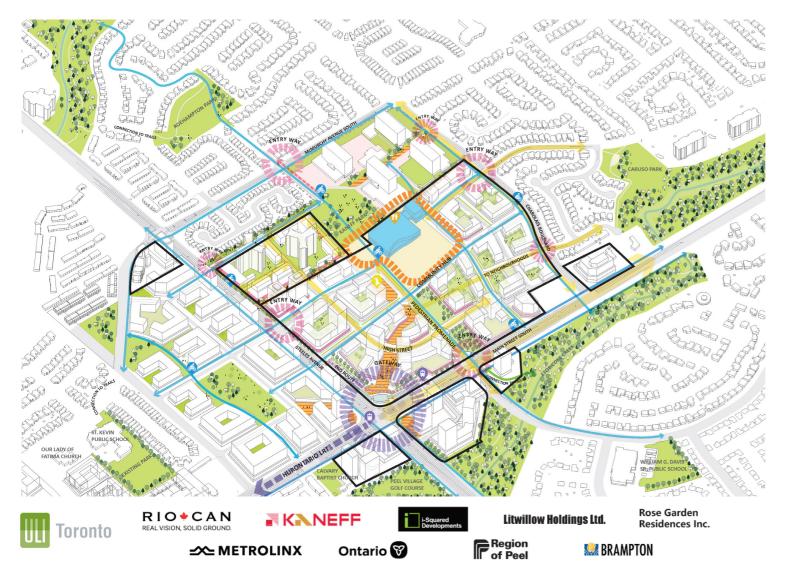
Investments in Brampton

• Convergences of public and private on the ground investments that make this possible



- LRT operating in 4 years (2024).
- 13 million sq.ft. of proposed high-density mixeduse development including 12,000 new units.
- 100,000 people and jobs within 20min walk.

Uptown Hurontario-Steeles' "20-min walkable neighbourhood with Urban Community Hub" sets a new growth model for TOCs.



Repositioning education to build talent, increase competitiveness and shift workforce towards a "tech-focused & innovative" economy.

Eliminate the need of car-ownership. Improve citizen health and area affordability to achieve holistic dimensions of public health, promote inclusive community development & carbon neutrality.

Unprecedented collaborations among Province, Region, City, Non-profits & Developers.



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With the LRT coming in 4 years, there is an opportunity for innovative collaboration to accelerate delivery of Uptown TOC.

Design for End-to-End User 26/7 Experience

- 100,000 people living and working within 20 min walking distance
- 3.6 ppu, 40% are seniors, children, or youth
- 83% daytime population in neighbourhood
- 20% are transit-riders, 60% are in labour force
- 48% live in apartments, 42% are renters
- \$96k household income, 30% of population has university degree(s)

Design for Collaborative Problem-Solving

Use of urban design based strategic framework to:

- **coordinate public and private investments** to achieve synergies, improve certainties and avoid reworks
- prioritize delivery of urban streets and public realm to enable connected, walkable and safe environment for the 1st generation of residents
- positioning existing valley as assets to improve cognitive-friendliness

Design for a 20-min Walkable, Healthy Neighbourhood Critical-Path to Implement TOC

A Common Critical Path to Optimize Multiple Concurrent Public and Private Investments





The Uptown TOC site was developed as a Car-oriented Community during the 1960s.

Simpsons Ltd. of Toronto said it will build a new department store in the Peel-Elder Shoppers World centre at Brampton, Ont., at a cost in excess of \$2,000,000.

Peel-Elder Ltd. said it is expanding its Peel Village community at Brampton with the immediate expansion of the shopping centre, site of the new Simpsons store.

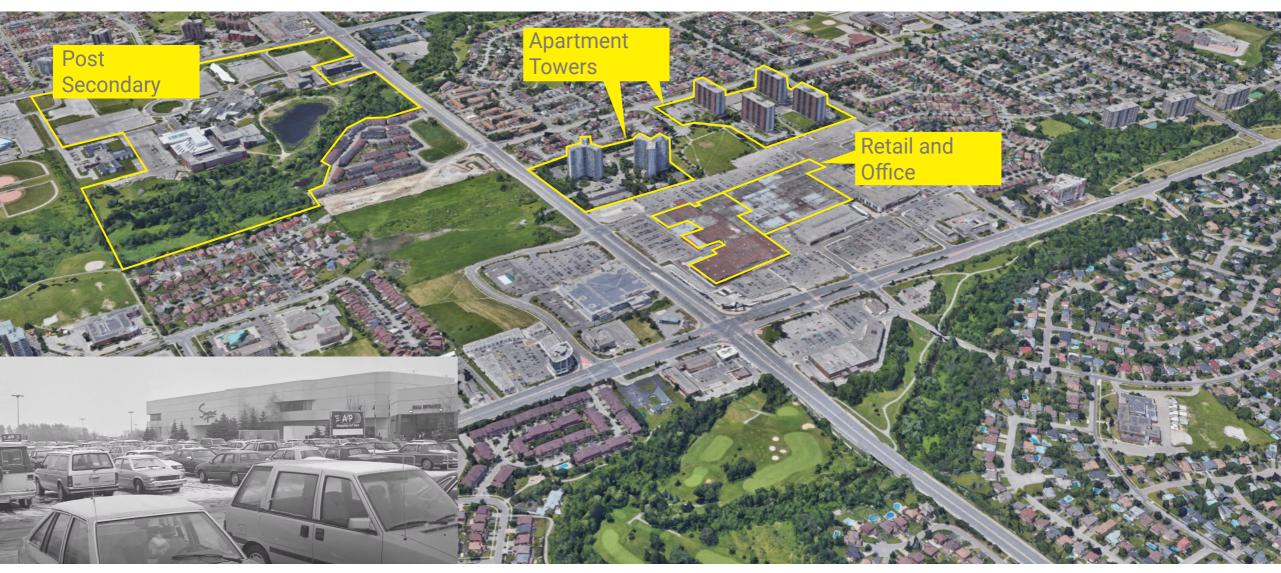
To be constructed are high rise apartments, town houses, a motel hotel convention centre and an office building, the company said.

The expansion will be on about 185 acres which were purchased for expansion in 1959 and lie adjacent to the original Shoppers World centre, Peel-Elder said.





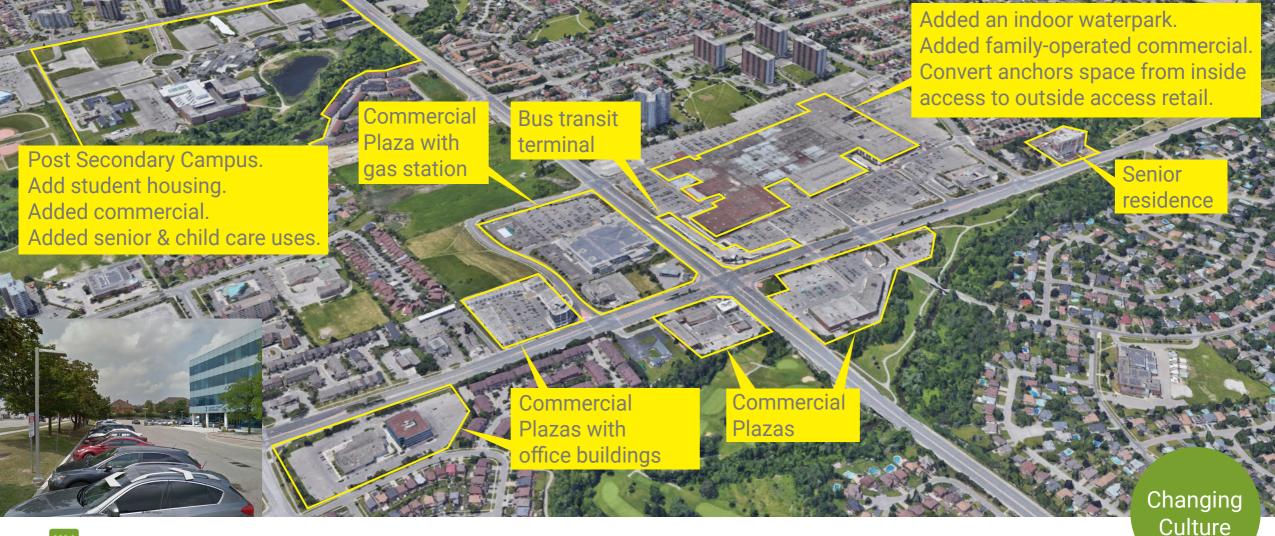
Components of the Car-oriented Community in 1960s include:







When bus service came online in the 1970s Uptown further intensified with mixed of uses in 1980s. However, were delivered in a car-oriented format.



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With Light Rail Transit coming online in 2024, Uptown is evolving into a Transit-oriented Community through a mix of public and private investments.

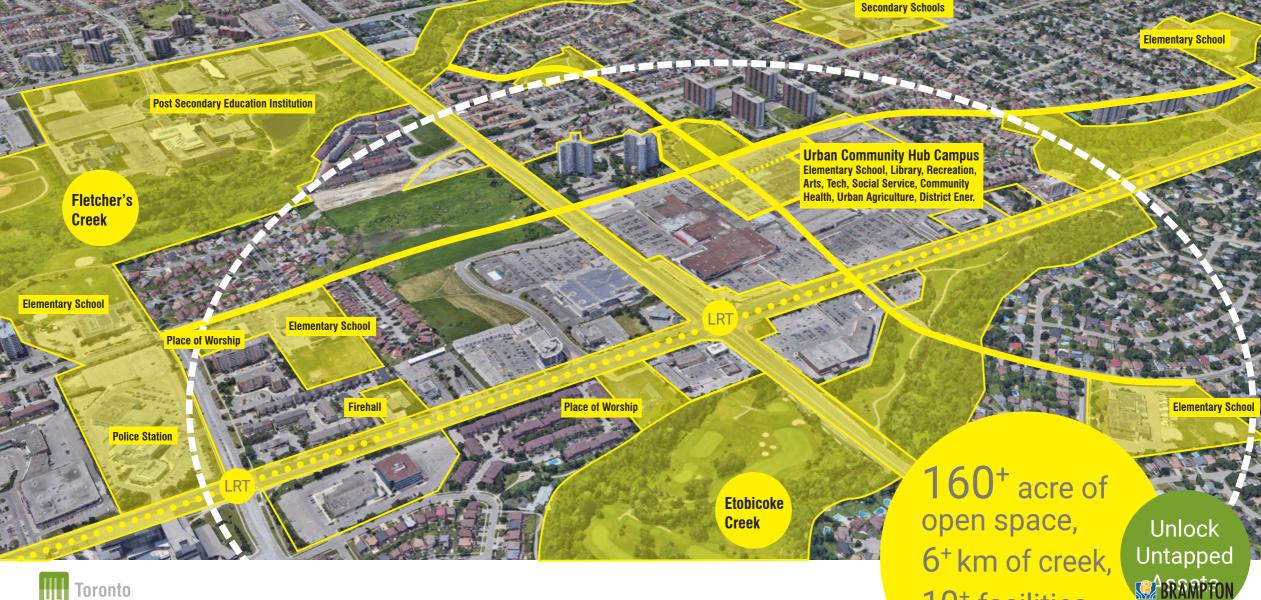
Post Secondary Campus Mixed-use Expansion 12,000⁺ new residential units + commercial Urban Community Hub Campus LRT Light rail transit in service 2024 6⁺ km Urban Main Street public realm

100,000 people living and working within 20min walking distance from Hurontario-Steeles

investment synergies



The rich mix of untapped assets set the stage for a 20-min neighbourhood.



10⁺ facilities

Toronto

Our Mission Today: Getting to 20-min Walkable Transit-Oriented Communities







The June 2020 HEMSON report for Ministry of Municipal Affairs and Housing identified trends in Peel Region including:

GREATER GOLDEN HORSESHOE:

GROWTH FORECASTS TO 2051

June 16, 2020

TECHNICAL REPORT PREPARED BY HEMSON CONSULTING LTD. FOR THE MINISTRY OF MUNICIPAL AFFAIRS AND HOUSING

Where will we work

- 41% of jobs are "population related" to serve residents in local neighbourhoods
- 31% of jobs are located within "major office" (20,000⁺ net sq.ft.)

Where will we live

• 25% will live in apartments

How will the community grow

• 76% are international immigrants & students

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1000 - 30 St. Patrick Street, Toronto ON M5T 3A3 416 593 5090 | hemson@hemson.com | www.hemson.com



How can we leverage "population related" jobs to activate 20-min walkable neighbourhoods?

Everyone is doing everything, everywhere. The traditional uses of space are blurring. People are working, eating, socializing, exercising, having fun, taking classes, and shopping everywhere. **Gensler** Research Institute



41% of projected jobs in Peel will be "population related" to serve residents in local neighbourhoods:

1/3 are Retail, Accommodation & Food sectors

1/3 are Education, Health & Social Assistance sectors

2/5 are Information, Finance, Real Estate Professional, Technical, Management & Admin sectors





Future

of

Work

How can we leverage reduction of auto-dependency to enable 20-min walkable neighbourhoods?



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Human-centred roads. Safety will only improve when every road or street project takes an human-centred design approach. The danger of only requiring projects to meet safety compliance criteria, is that the focus on wider social/safety outcomes often diminishes over time. ARUP Perspective



Brampton Council endorsed "Brampton 2040 Vision" (2018)

Challenge:

The Peel Region adopted Vision Zero targets to reduce collision by 10%. Collisions at Hurontario-Steeles has increased by 40% over 2 years (2016 - 2018).





How can we leverage vertical living and other housing choice to create places for families, students & seniors?



Vertically integrated, yet tied to the street. Create

walkable environments that offer activities as social hub; shared living spaces for study, cook, collaborate, and recharge; ground-level courtyard and rooftop amenities; and double-height "living rooms" with outdoor decks. **Gensler** Research Institute



25% of residents will live in apartments. 76% of population growth are young families, immigrants & international students.

At Uptown Hurtontario-Steeles (2019): 40% of population are children, youth & seniors. 45% of households have 3 to 5⁺ persons

Source: Environics

Challenge: Improving access to transportation and avoiding crowded housing can strengthen a community's social vulnerability. HR & A Advisors





How can we leverage vertical living and other housing choice to create places for families, students & seniors?

G of Living







How can we leverage access to valleys to improve sustainability and create cognitive-friendly communities?

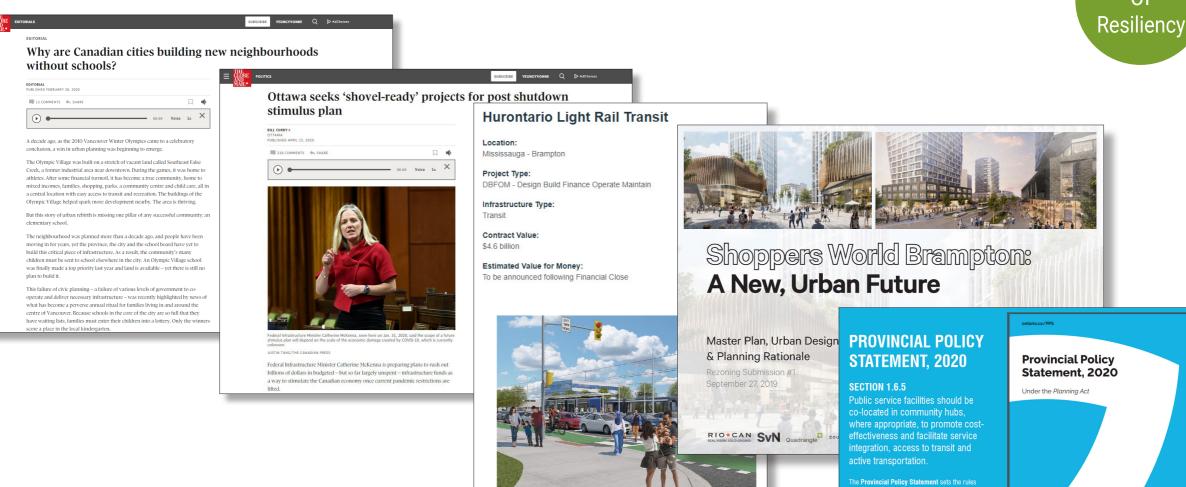








How can we expedite infrastructure to support recovery?



oronto

about managing growth, using and managing natural resources, protecting the environment, and public health and safety.

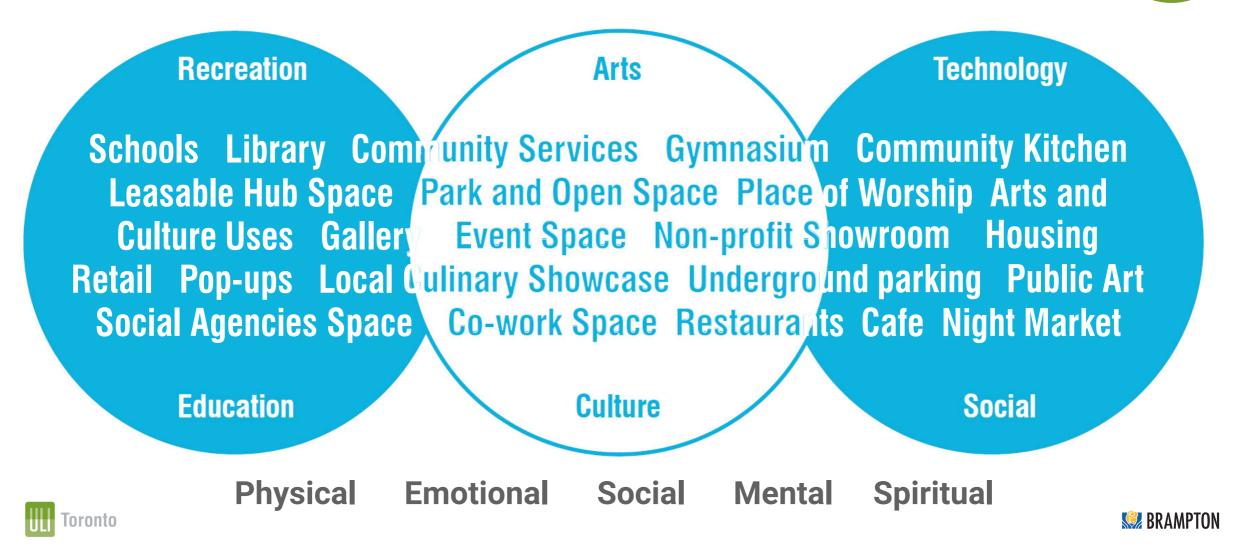
Ontario 😚

Future

0

BRAMPTON

How can we create a Community Hub to serve the needs of the full life cycle?



Future

of

Resiliency

How can we create a Community Hub to serve the full life cycle of a multigenerational community?

REPOSITIONING EDUCATION

Integrating education in the development of functional city to improve area innovation and competitiveness.



PRIORITIZING FAMILIES

Ensuring complete familyoriented infrastructures including schools are delivered for the 1st generation of residents.

ENABLING WALKABLE ACCESS

Future

of

Resiliency

Reaching carbon neutrality goal through co-locating infrastructure in an urban community hub at the heart of a walkable neighbourhood.

+







How do we integrate the co-located set of facilities under one roof in a campus?

Future of Resiliency

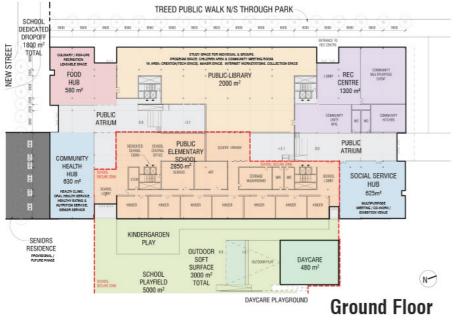
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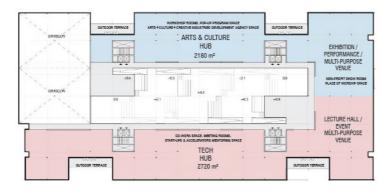




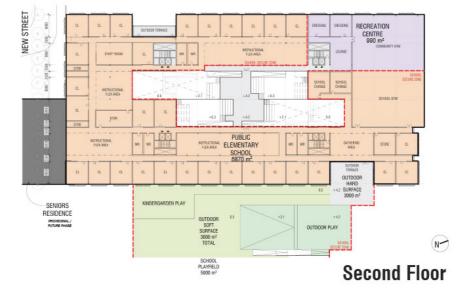


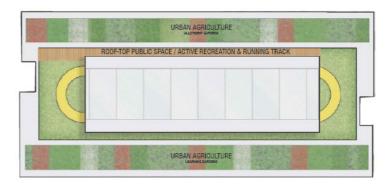
How do we arrange the shared facilities to optimize synergies?











diamond schmitt

BRAMPTON

Roof Top

Future of Resiliency

Third Floor

How do we orchestrate cross-sector collaboration to break new ground?

Multi-sectors industry experts

Multi-agencies and community leaders



Future

of

Resiliency

How can we integrate walkable community uses in the fabric of the neighbourhood to improve resiliency?



Making facilities available for the 1st generation of residents:

Adaptable, expandable outdoor/indoor facilities

Enable sharing and integration of services

A "Common Ground" for education, social, health, cultural, environmental, & business needs





Future

of

Resiliency

How can we leverage "match-making" to innovate partnerships, build capacity and improve resiliency?



Parntership Hub

Centre of excellence on partnerships across over 30 public, private and non-profit organizations. Matchmaking to identify partners based on needs, resources and constraints. Mixing Public and Private Uses in the Same Building: Opportunities and Barriers

MATTI SIEMIATYCKI

Department of Geography and Program in Planning, University of Toronto, Toronto, Canada

Fostering meaningful partnerships in public–private partnerships: innovations in partnership design and process management to create value

David J Roberts, Matti Siemiatycki Urban Studies Program, University of Toronto, 2 Sussex Avenue, Toronto, ON M5S 1J5, Canada; e-mail: d.roberts@utoronto.ca, simiatycki@geog.utoronto.ca Received 24 September 2012; in revised form 14 August 2013; published online 19 March 2015

Abstract. While public–private partnerships have become increasingly popular for delivering large-scale public infrastructure around the world, a common critique is that the structure of the relationship is typically more akin to contracting out than a truly meaningful collaboration between the partners. In this paper we aim to demonstrate how innovative public–private partnership models can be designed to deepen cooperation and deliver project outcomes that are better than any one partner could achieve on their own.

Research Hub

Blend complementary land uses, help diversify neighbourhoods, and heighten social awareness. Multi-disciplinary team from School of Cities and Centre for Social Service Engineering.



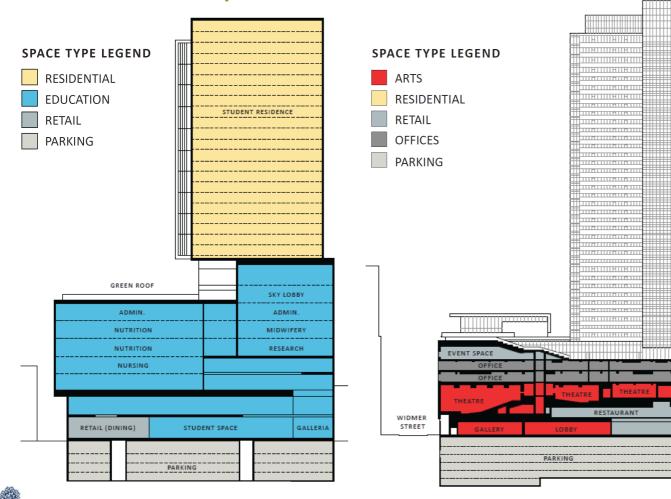


How can we leverage co-development opportunities?

Ryerson Daphne Cockwell Health Sciences Complex

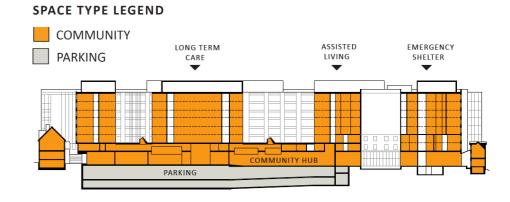
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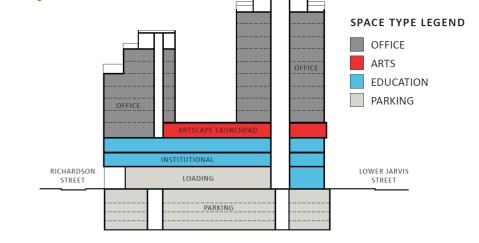


TIFF Bell Lightbox / Festival Tower

George Street Revitalization



Artscape Launchpad / Daniels Waterfront City of Arts



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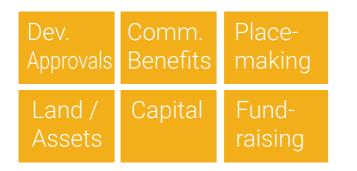
JOHN

STREET

How can we leverage co-development to innovate partnerships, implementation and operations to improve resiliency?

Opportunities to utilize a combination of a number of financing and funding mechanisms.

Options for financing and funding must be considered alongside issues of the building ownership and long-term facility operations.



Matrix of Financing/Funding Options

General Municipal Borrowing	Senior Government Grants	Density Bonuses/ Land Value Capture
Municipal Borrowing Against Project Specific Future Municipal Revenues		Cash In Lieu
Private Bor- rowing Against Project Specific Revenues	Private Co- development	Community Benefit Agreement

UII Toronto



Cities have the capability of providing something for everybody, only because, & only when, they are created by everybody.

Design thinking can solve complex problems through systemic reasoning and intuition to explore ideal future states with the end user in mind. McKinsey & Company

Brampton will be a City 'By-Design', where design excellence is led by City Hall to ensure public interests, completed through co-design with developers and citizens, and made a prime factor in all approvals and decisions for change. **Brampton Vision 2040**





An integrated Planning and Design based Strategy to shift development culture and accelerate implementation:

A design based strategic framework to

- shift development culture
- amplify synergies
- create new combined benefits
 (1 + 1 +1 = 6 or 7)

A holistic approach that

 foster lateral thinking where solutions to one problem may reside in a different area



A new way of problem solving that involves

- concurrent decision-making
- intense cross-sector collaborations
- unprecedented innovation

A design-thinking culture that

- enables us to see the large patterns
- makes solutions fit together and support each other
- moves away from predetermined set pieces to interactive components making a coherent walkable place



Our Mission Today: Getting to Transit-Oriented Communities

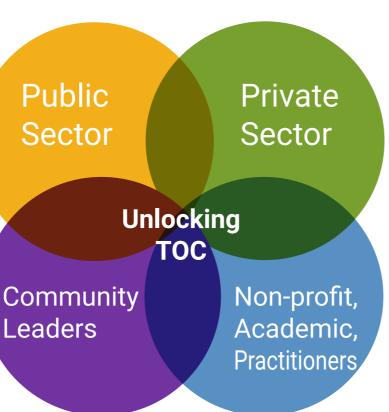
CONTRIBUTORS

Government of Canada, Infrastructure Canada Province, Ministry of Municipal Affairs and Housing, Ministry of Health & Long-Term Care, Metrolinx Region, Public Health, School Board, Development Services, Housing, Finance, Transportation, Traffic Planning, Engineering City, Urban Design, Policy Planning, Development Services, Parks & Open Space, Transportation Planning, Traffic Planning, Engineering, Sustainability, Brampton Transit, Brampton Library, Community Services, Smart Cities, Corporate Services, Finance, Intergovernmental Relations, Strategic Communications, Strategic Advisor Greenberg Consultants Agencies, TRCA, Sheridan College **OBSERVERS**

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Oxford, Great Gulf, Daniels, Options for Homes, Brookfield Residential, Altus Group, Choice Properties, IBI Group, BLG, WSP, Sweeny & Co, Pantonium, Steer Northcrest, Weston Williamson + Partners Live, Work, Learn, Play, Six Real Estate Development, Colliers Project Leaders, Manulife Investment Management Toronto Region Board of Trade TRBT, ReNew, Transport Action Ontario, West Asia Council

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Infrastructure ULI Curtis Infrastructure Initiative Health ULI Building Healthy Places Initiative Development ULI SDRC Product Council Global TOC City of Helsinki Research University of Toronto School of Cities Creative Mixed Use Faculty of Architecture Landscape and Design FALD Rotman School of Management Transportation Research Institute UTTRI Department of Civil and Mineral Engineering Practitioners Gensler, Arup, HR&A



3 Interlocking Design-based Framework "in space & time scales" for innovating concurrent collaboration and implementation

DISTRICT FRAMEWORK

supplying big generative integrating design concepts **30 Years**

Setting the stage for the "glue"

- mobility infrastructure public realm
- social infrastructure hubs & parks

Tools to influence the urban structure

- Public Realm Plan creek to creek, open space and trails, Vision Zero Urban Main Streets
- Urban Form Plan big picture built form and density, gateways, views and vistas, community hubs

NEIGHBOURHOOD PRECINCT

design framework for each individual 20-min walkable TOC

10 to 15 Years

Refine broad framework concepts

- tailor to site conditions & property configurations
- tailer to other specific circumstances

Tool to enable Partnerships

• Comprehensive demonstration for facilitating ongoing dialogue between public sector, private sector, institutional and non-profit sector

PROTOTYPE DESIGN IMPLEMENTATION

implementation plan for
the "glue" catalyst projects
3 to 7 Years

Urban Community Hub Design and Implementation Framework

- co-located set of public facilities
- the "beating heart" and shared common ground of the TOC

100% Corners TOC Design Plan

 Inform human-centred design to improve safety through applying Vision Zero Urban Main Streets

SRAMPTON

Toronto

Design-strategies driven by underlying transformative drivers

DISTRICT FRAMEWORK

9 sq.km 20-min bikable distance **30 Years Build-out**

- 1. Inter-connected 20-min neighbourhoods
- 2. Urban Greenways
- 3. 20-min Cycling Necklace
- 4. Urban Anchors
- 5. Humanizing Major Arteries

NEIGHBOURHOOD PRECINCT

20-min walkable distance **10 to 15 Years Build-out**

- 1. Hub as "Beating Heart"
- 2. Common Ground
- 3. Safe Walking & Cycling
- 4. Local Live-Study-Work-Play
- 5. Four Seasons 26/7 Uses

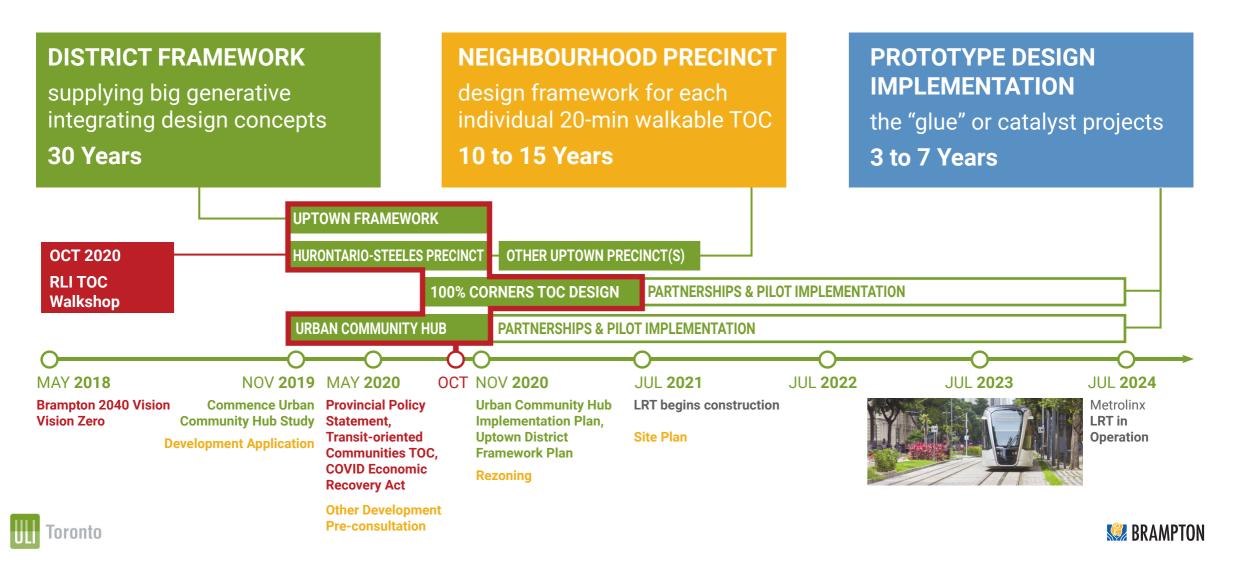
PROTOTYPE DESIGN

Campus & 100% Corner **3 to 7 Years Build-out**

- 1. Design for Walk-to & Cycle-to
- 2. Necklace of Active Spaces
- 3. Grow Local & Eat Local
- 4. Expandable & Flexible Uses
- 5. Safety for Families & Seniors



3 Interlocking Design-based Framework "in space & time scales" for innovating concurrent collaboration and implementation

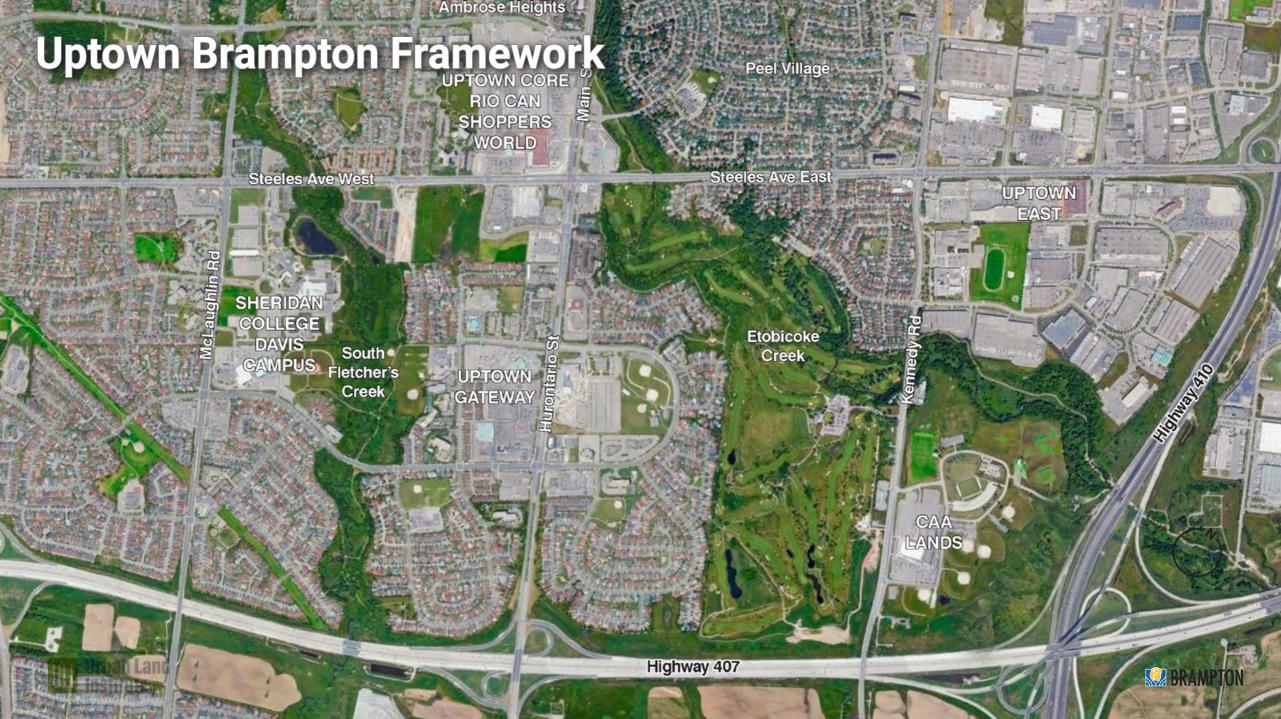


Underlying transformative drivers connecting all three scales: rapid transit investment and natural system









20-min Walkable Neighbourhoods





Steeles Ave West







Peel Village

Steeles Ave East





UPTOWN

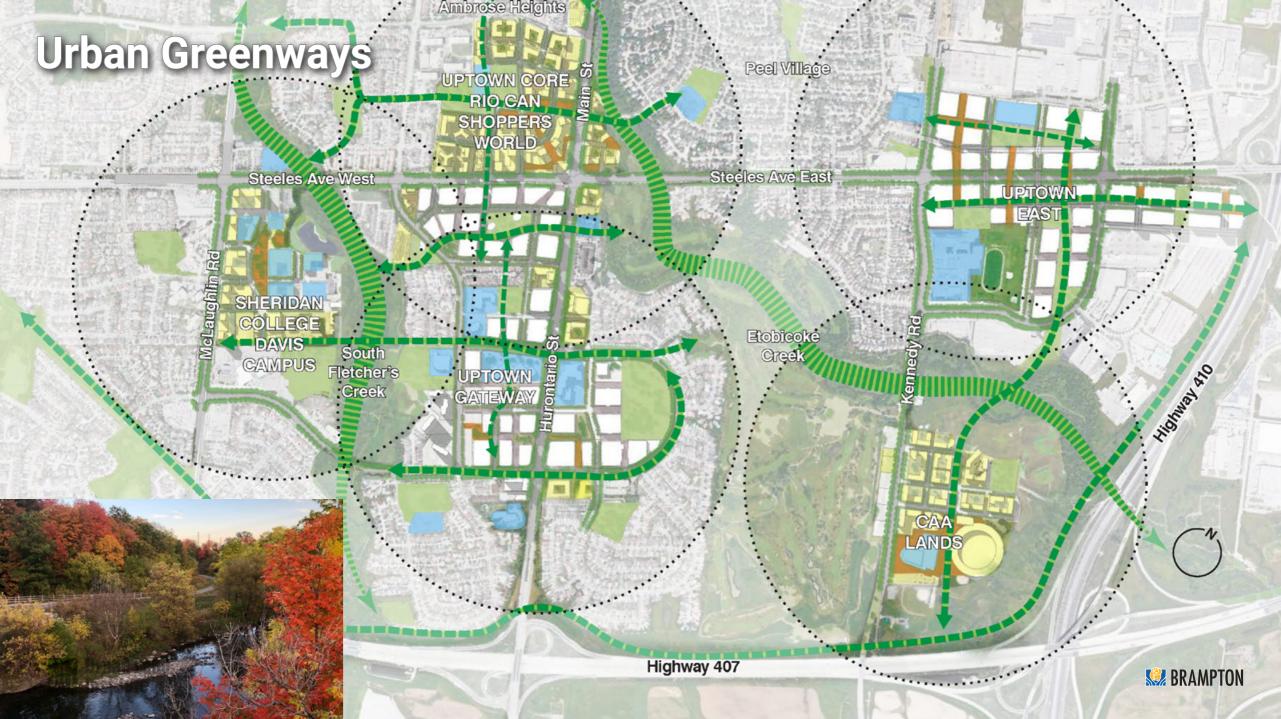


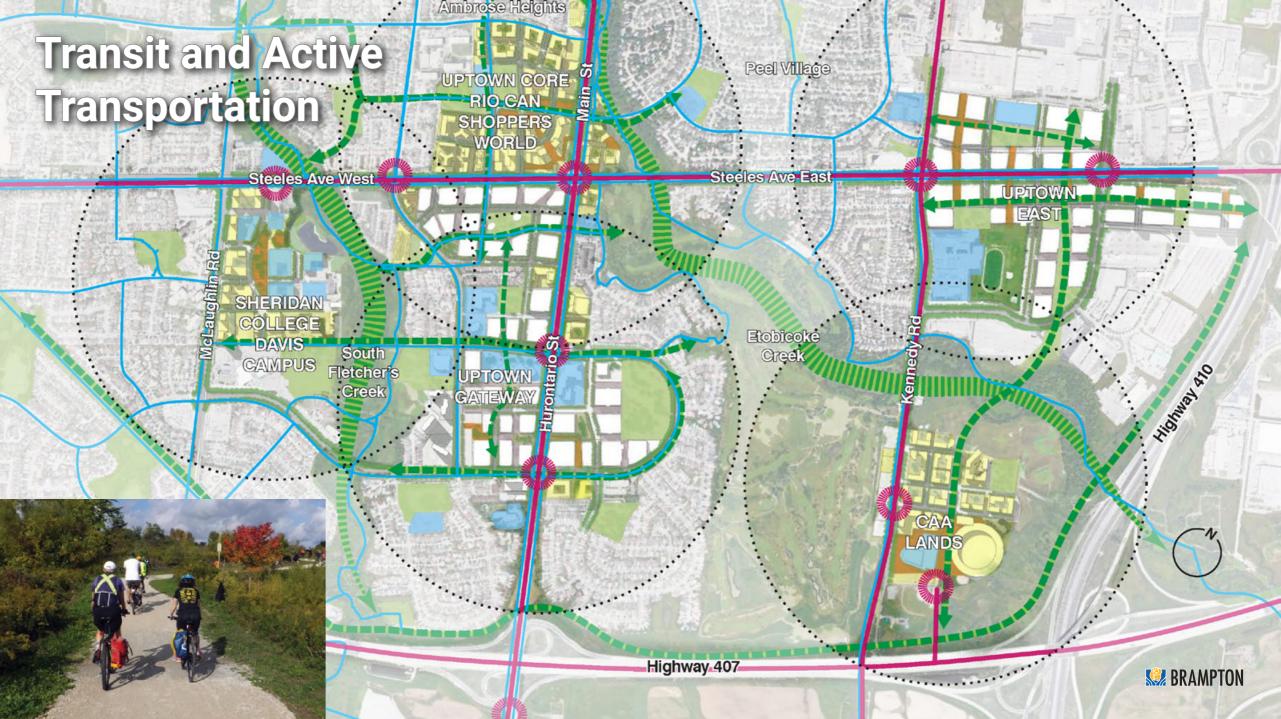
CALIFORD COLOR

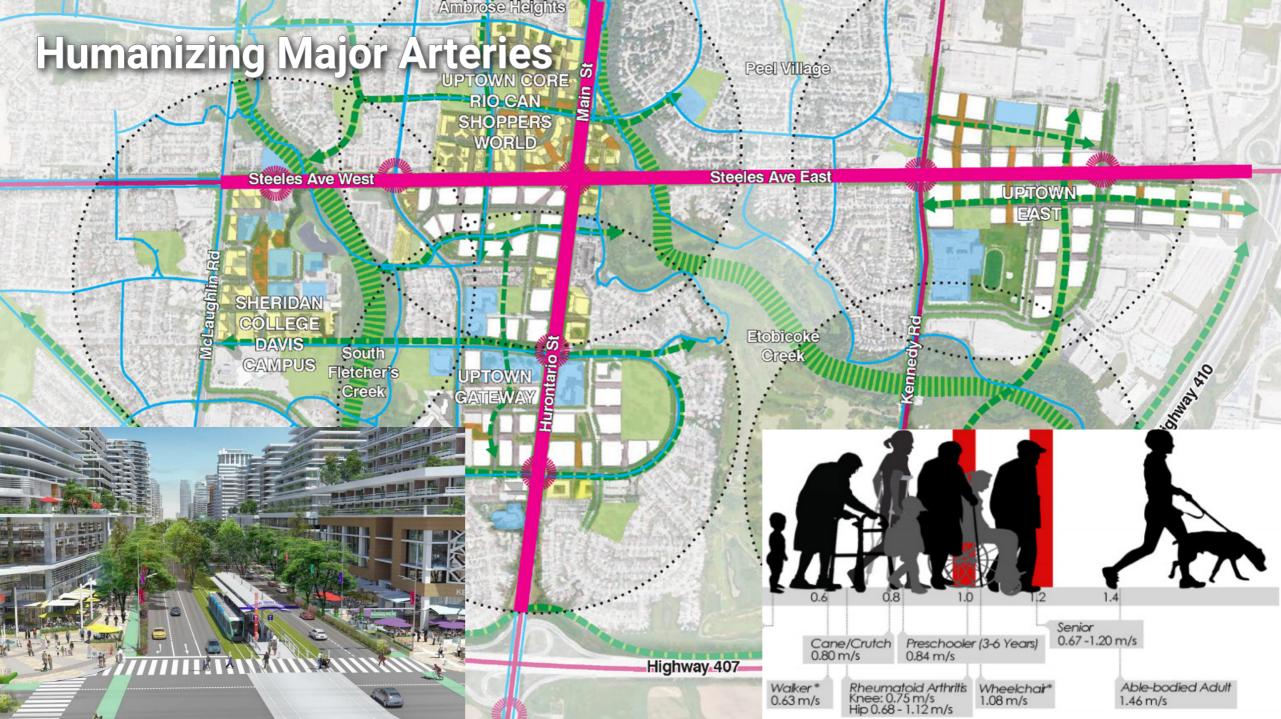
Highway 407

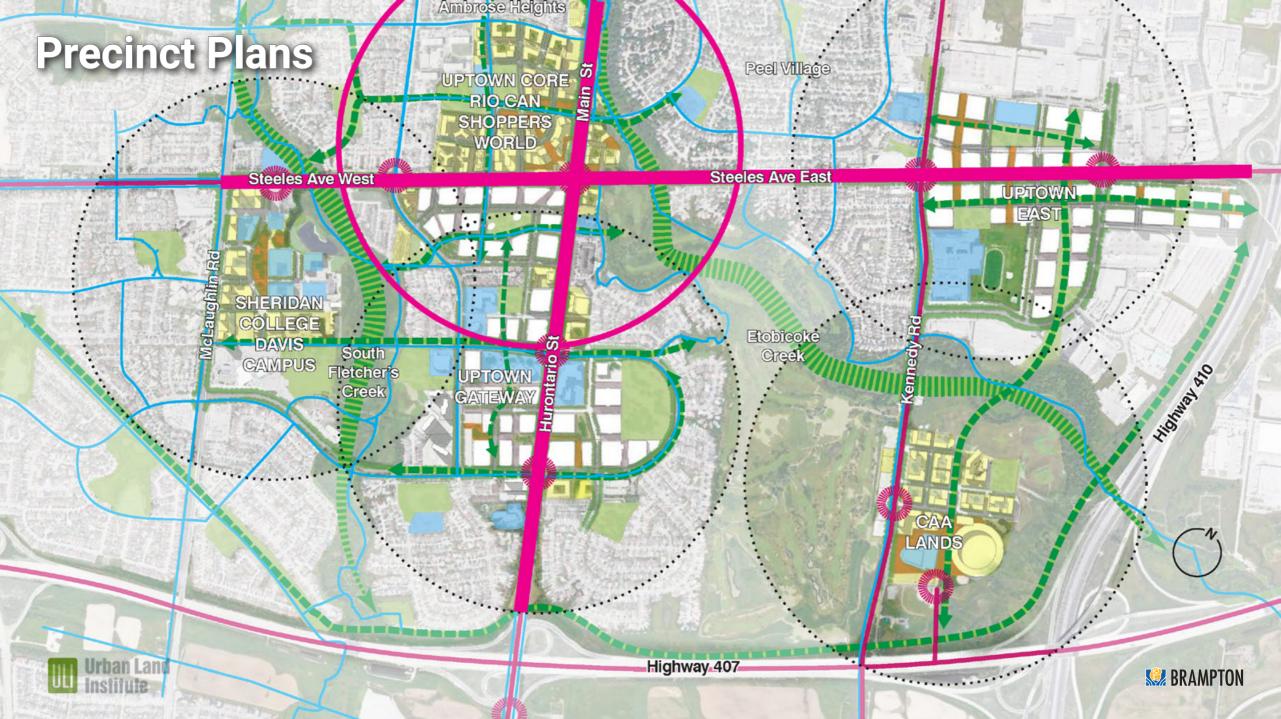
BRAMPTON

Hilling and All



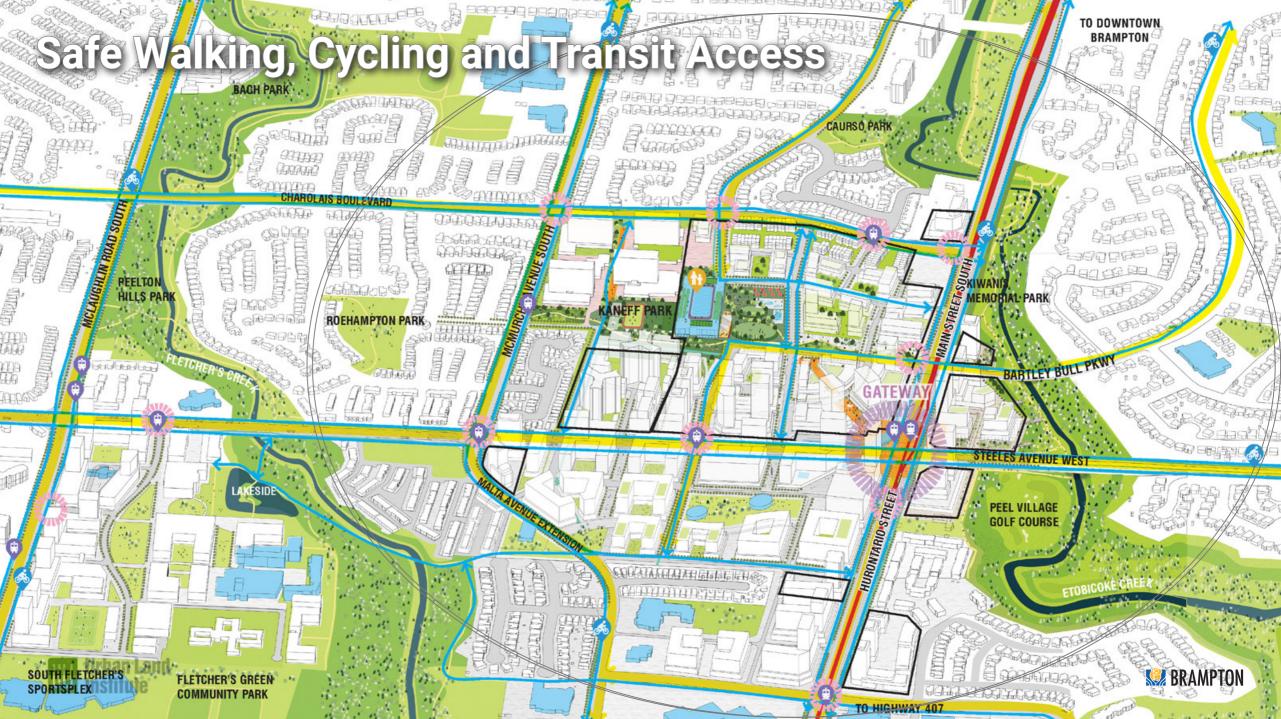


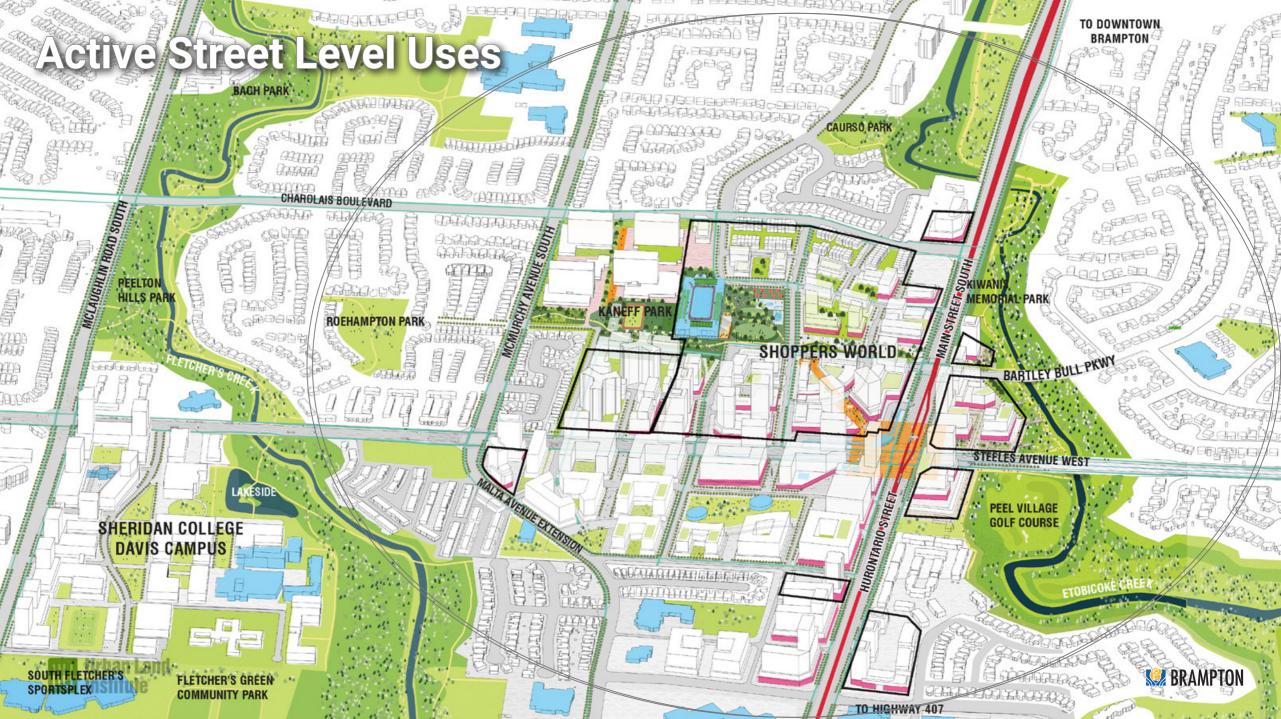


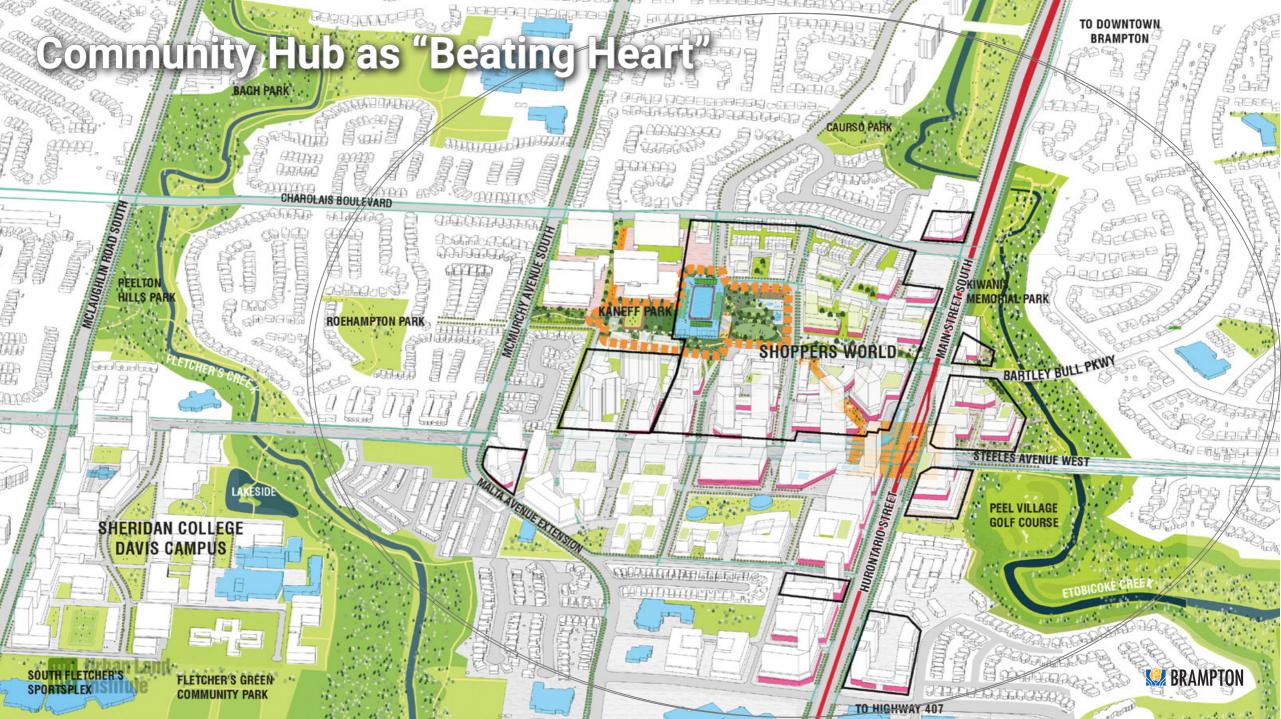


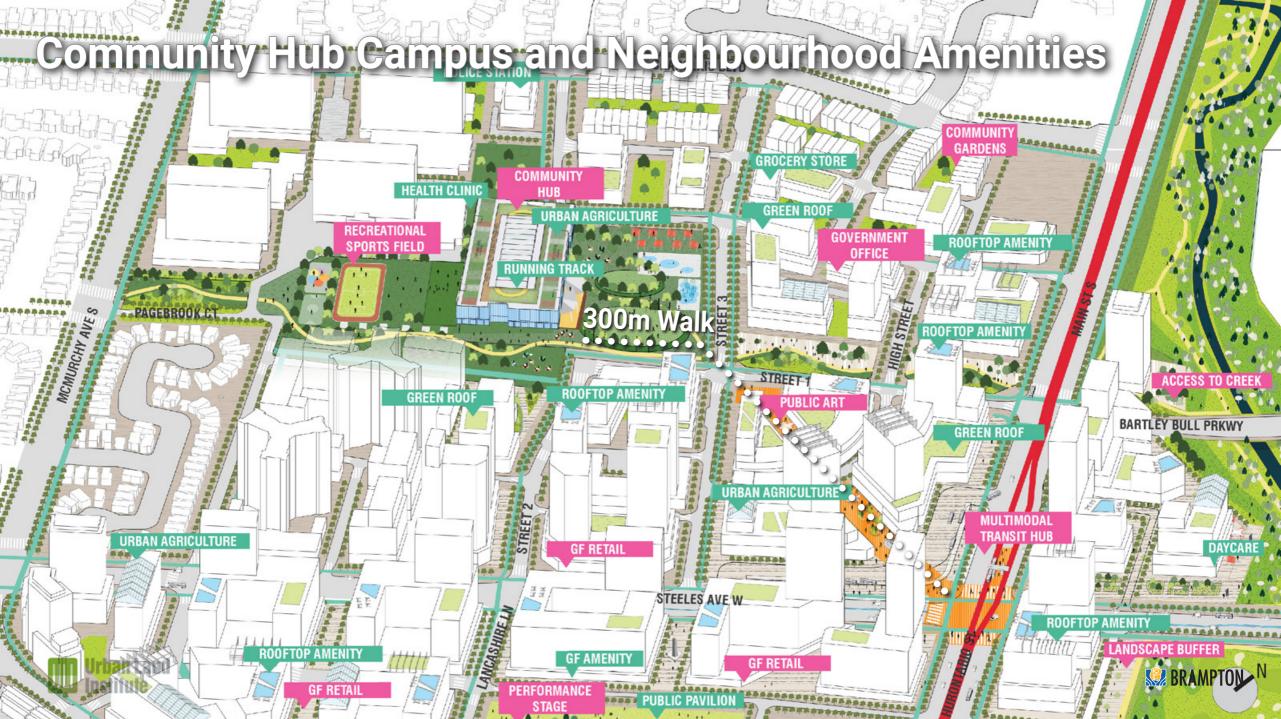


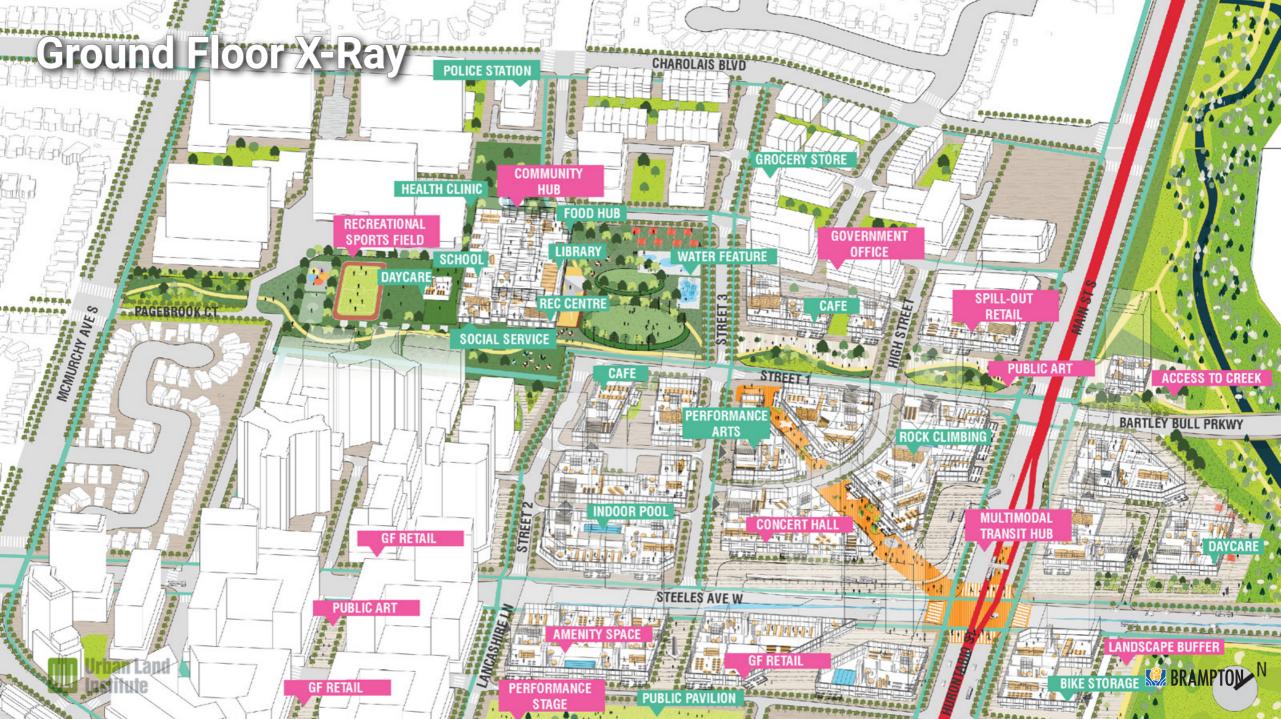


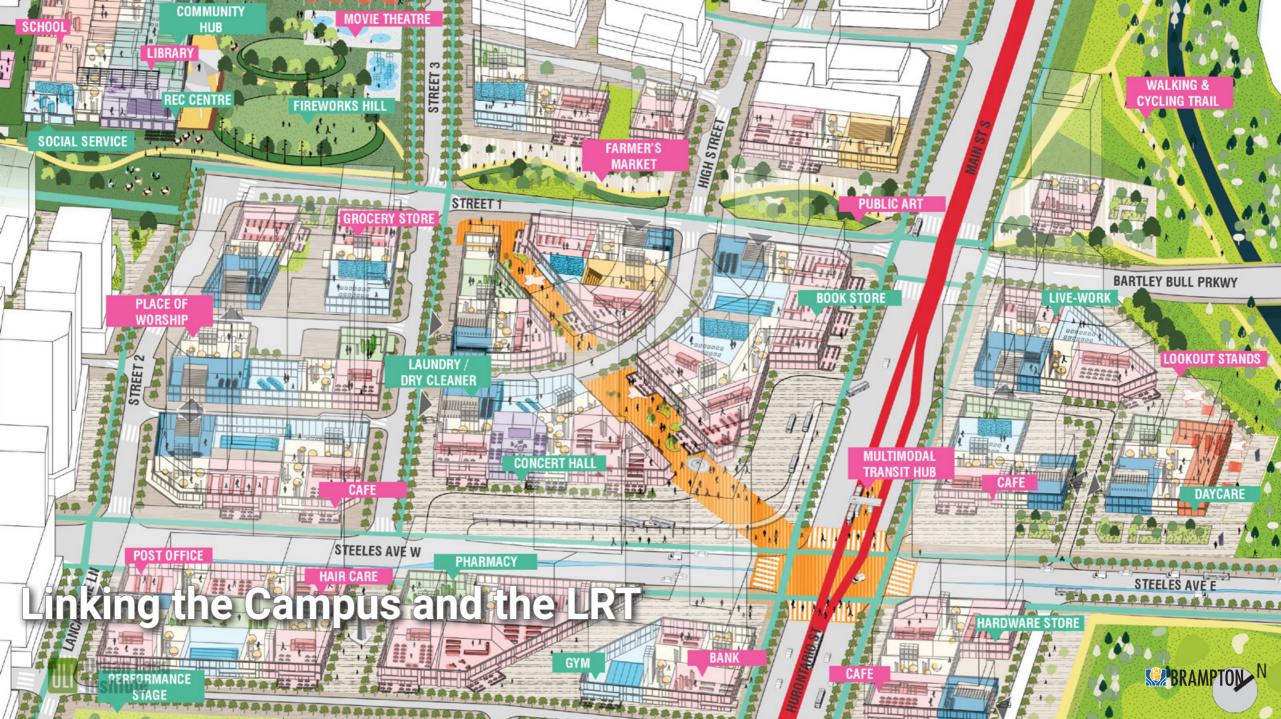




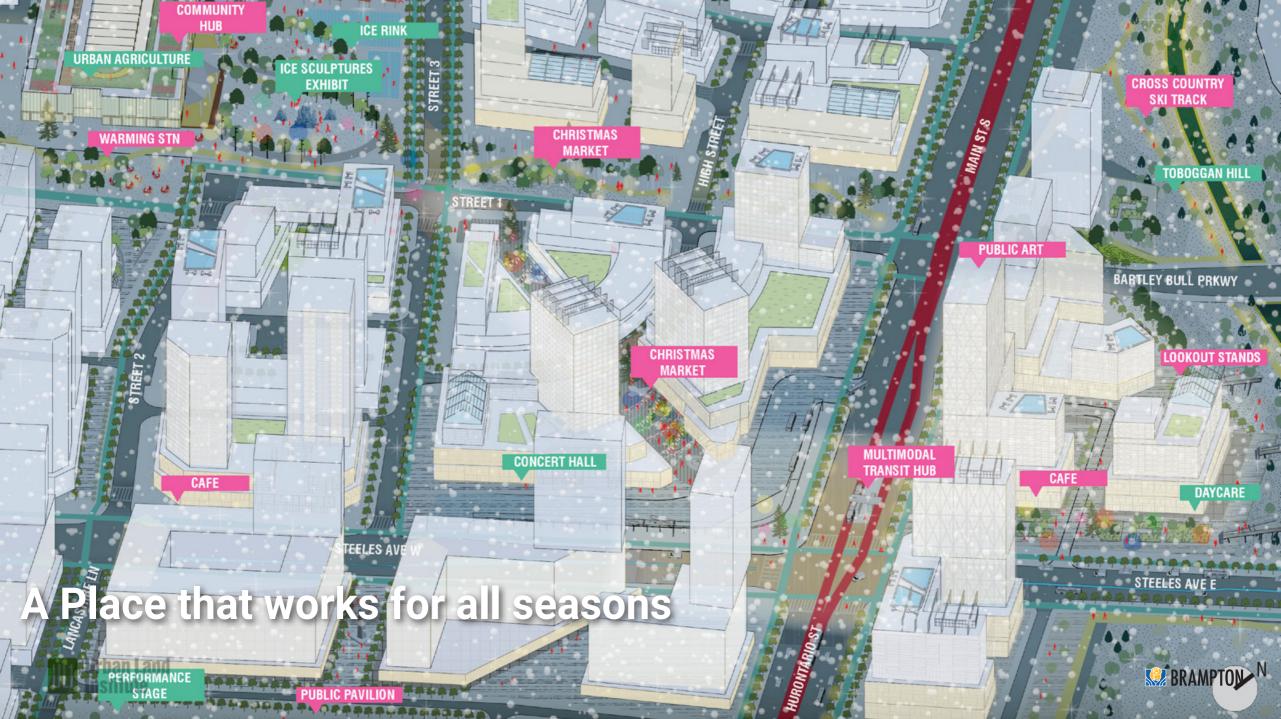


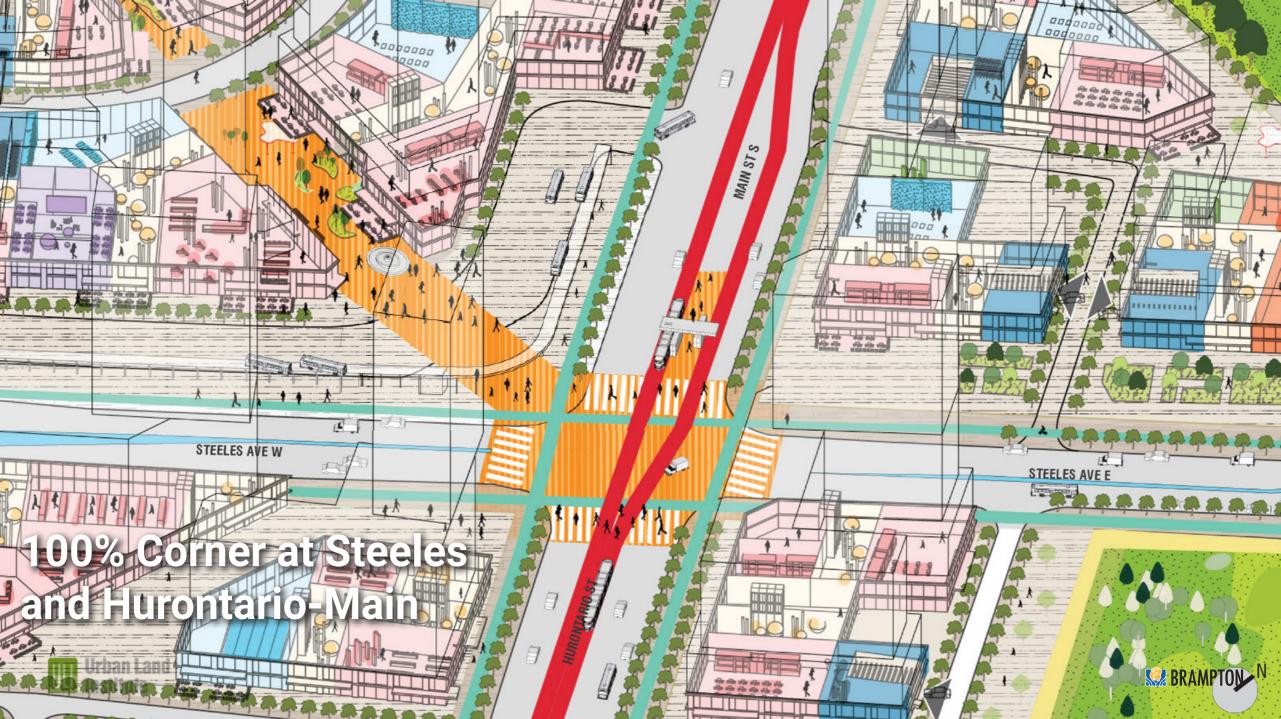


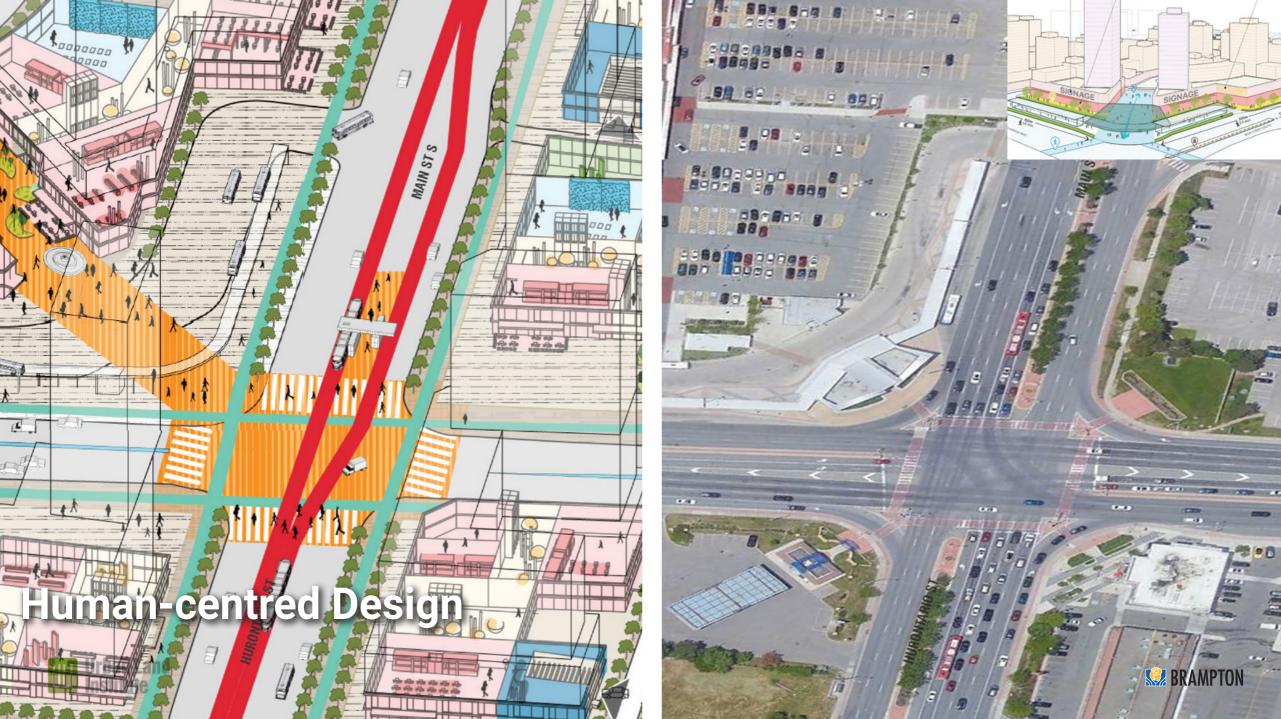












What are the key challenges in realizing the full potential of Uptown?

- Orchestrating change with multiple actors and private sector ownership
- Timing and capital and operational investments
- Roles of various actors
- Overcoming silos
- Thinking outside of contract lines

How to change culture from "Transit-served Mixed-Use Community" to "Transit-oriented 20min Walkable Complete Community"?

How to amplify synergies of 13 million sq. ft of private high-density mixed-use re-developments underway?

How to enable affordability, improve area innovation and competitiveness, unlock untapped assets and ensure safety for 100,000 people working and living within 20-min walking distance from Hurontario-Steeles LRT?





PROFESSIONAL PERSPECTIVE PANEL

ENTRY WAY

Andre Brumfield Cities & Urban Design Leader, Design Director, Principal Gensler

ENTRY WAL

As Principal and Global Director of Cities + Urban Design in Gensler's Chicago office, Andre is focused on and committed to revitalizing and repositioning urban environments to shape equitable, accessible communities through urban design, master planning and architecture. His extensive experience ranges from city-wide master planning and high-density, urban-infill to emerging urban district redevelopment. Andre also has a special focus on equitable design as it relates to affordable and mixed-income housing, and neighborhood and community revitalization.

Daniel Haufschild Principal Arup

Daniel Haufschild is a Principal at Arup and Business leader for planning and transportation engineering in Canada. Daniel brings over 25 years' experience in city and transportation planning, from strategy to business case development and project implementation. Current projects include the Skytrain extension to UBC, the Airport Area Transportation Study around Pearson, and business case support for ARTM in Montreal.

Kate Collignon Partner HR&A

@ULIToronto

Kate Collignon has devoted her 20-year career to crafting real estate and economic development strategies that strengthen and sustain cities and communities. Her nationwide practice as a Partner with HR&A Advisors draws on her experience in the private and public sectors, managing complex development initiatives and building partnerships that drive equitable urban growth. Kate's work focuses on advising public, private and non-profit land owners to achieve their financial and mission-based goals; crafting district and campus plans that fuel innovation and economic development; and creating inclusive neighborhood and open space investment and governance

Urban Land Institute / City of Brampton Uptown Hurontario-Steeles Getting to Transit-Oriented Communities Initiative Daniel Haufschild | Principal

Oct 1, 2020



COVID has shown us that we need more resilient cities regardless of whether it is health, climate, or other stressors

"COVID has revealed problems that, in many cases, pre-date. the pandemic....solutions to many of them are already known to us, but we have not had the will, imagination or ambition to implement them in the past."

-Retrofitting our Urban Region, TRBOT/ULI

Before

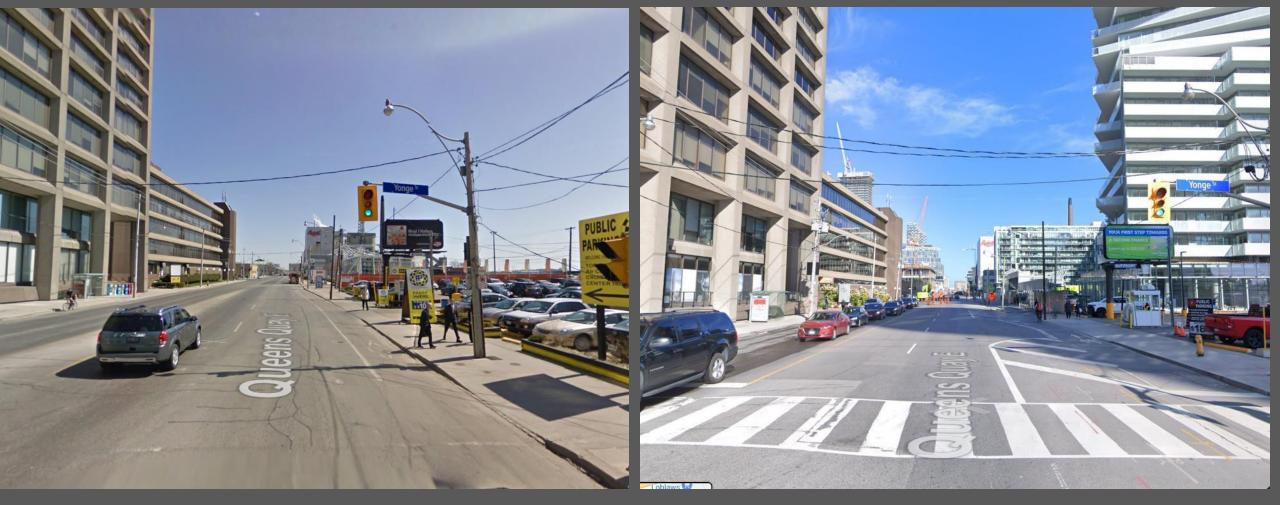
After



Arup / DTAH

Before (2009)

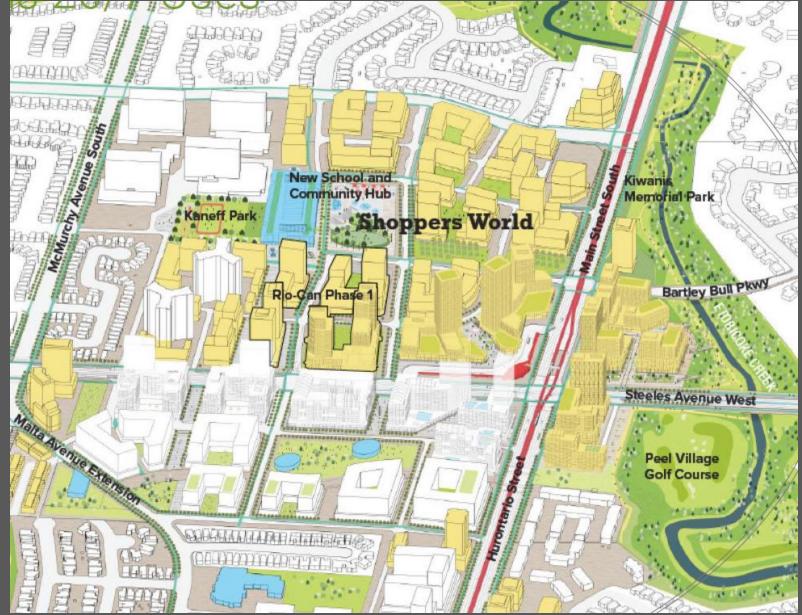
After (2019 – in progress

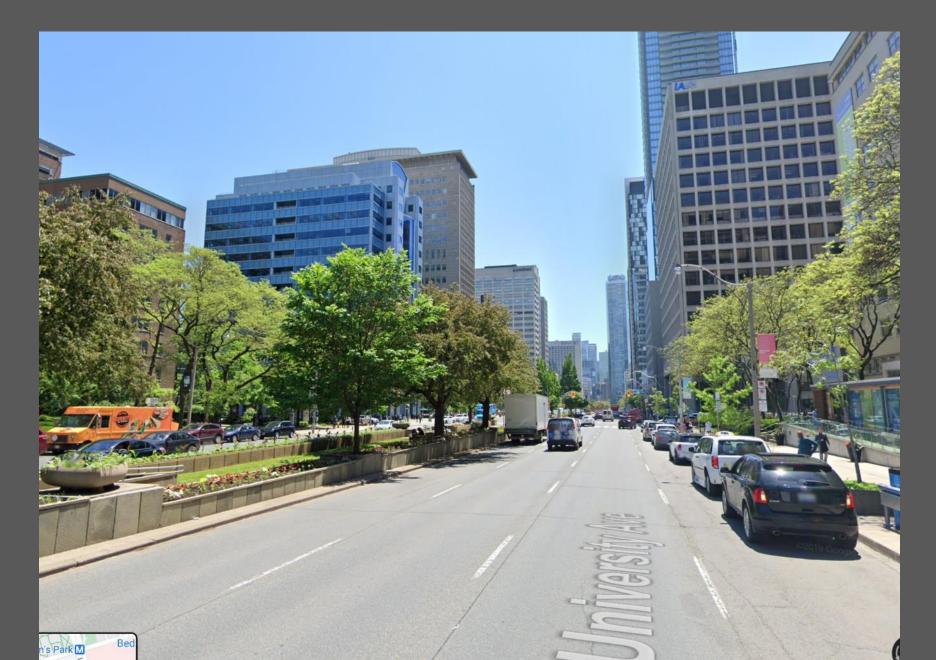


 "Humanizing arterials" is as much about the roads as it is about the buildings

A city is defined by arrival points







How to get it done

Brampton correctly identifies culture/organizational issues as the key challenge rather than technical issues

- 1. Reconcile vision, plans, regulations, standards, ordinances at area level
 - Lag in time
 - Cross-departmental
- 2. Budgets (capital/O&M) should reflect vision and priorities
- **3**. Getting Alignment: structured decision-making: vision, values, choices and tradeoffs.



WORLD TRADE CENTRE

IN PARTNERSHIP WITH

Recovery Recovery Retrofitting Our Urban Region

https://www.bot.com/Portals/_default/Retr ofitting_our_Urban_Region.pdf

Transportation Table:

Recommendation 1: "Strengthen planning and decision-making for social equity and climate justice including action-oriented and measurable goals"

Recommendation 5: "Be courageous and evidence-based in accelerating delivery of highest and best use of right of way space that is sensitive to context (civic, commercial, mobility, curb, HOV"



"COVID has revealed problems that, in many cases, pre-date. the pandemic....solutions to many of them are already known to us, but we have not had the will, imagination or ambition to implement them in the past." -Retrofitting our Urban Region

ARUP



Live discussions: Walkshop Think Tank #AskGreatQuestions What do different stakeholders need to know and when? What are the roadblocks?





Jeff Humble Manager of Land Use Planning City of Brampton



Natasha D'Souza Rea Land Use Planner City of Brampton



David Vanderberg Manager, Development Services City of Brampton



Kelly Henderson Planner III, Development Service City of Brampton



Daniella Balasal Senior Policy Planner City of Brampton



Ken Chew Urban Design Associate City of Brampton



Dan Watchorn Development Planner City of Brampton



Andy Huang Urban Designer City of Brampton Senior Advisory for Strategic Communications City of Brampton

Andria Oliveira Project Manager, Transportation Planning City of Brampton







Steve Bodrug Senior Manager, Parks Planning and Development **City of Brampton**



Urban Designer City of Brampton



Sarah Powell Health Planning Facilitator, Public Health Peel Region

Cheryll Case

Urban Design Coordinator **City of Brampton**

Madhuparna Debnath Urban Designer City of Brampton



Sally Nicholson Intern, Planning, Building, and **Economic Development City of Brampton**

Bindu Shah Land Use Policy Planner **City of Brampton**

9



Melinda Yogendran **Assistant Policy Planner City of Brampton**

Devin Ramphel Sector Manager for

10

Innovation and Technology **City of Brampton**



Mirella Palermo Senior Policy Planner **City of Brampton**







Live discussions: Walkshop Think Tank #AskGreatQuestions What do different stakeholders need to know and when? What are the roadblocks?





Before We Breakout



You can mute and unmute yourself throughout the session Phone: Press *6 Computer: ALT+A



Need help? Use the **ASK FOR HELP** function and the host will be prompted



We strongly encourage you to keep your video on during the session



To join a breakout room, you will be prompted to join a specific room or click on the "Breakout Rooms" button.



Tweet about the session using the hashtag: #AskGreatQuestions





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oronto



PRESENTATION: INTERNATIONAL PANEL

ENTRY WAY



Anni Sinnemäki Deputy Mayor for Urban Environment, City of Helsinki

ENTRY WA

Anni Sinnemäki has been the Deputy Mayor for the City of Helsinki, responsible for city planning and real estate, since 2015. Since June 2017 she is in charge of Helsinki's Urban Environment Division. The most important project of this City Council term for her has been the ambitious Carbon Neutral Helsinki 2035 Action Plan.

Sinnemäki was Member of the Finnish Parliament for 15 years (1999–2015), representing The Green League of Finland. She was Minister of Labour from 2009 to 2011. Photo credit: Pertti Nisonen

Jani Moliis Head of International Affairs, City of Helsinki

Jani Moliis is the Head of International Affairs at the City of Helsinki. He has over 10 years of experience from management consulting, having worked for several leading global professional firms such as McKinsey & Company and Accenture.

During his career, he has focused on improving the effectiveness and impact of a broad range of public sector organizations. He's a native Helsinkian who's lived his entire life in western Helsinki, except for his years abroad living on four different continents. Photo credit: Roope Permanto

Tuomas Hakala Head of Detailed Planning, City of Helsinki

Tuomas Hakala is the City of Helsinki's Head of Detailed Planning. He has 20 years of experience in urban planning in Helsinki. Before starting to work for the city of Helsinki he worked in various architectural offices in Finland and Germany.

He has been involved in the planning of the Kalasatama area from the very beginning since 2002. Since 2010 he has been responsible for planning the Kalasatama area, together with his team.



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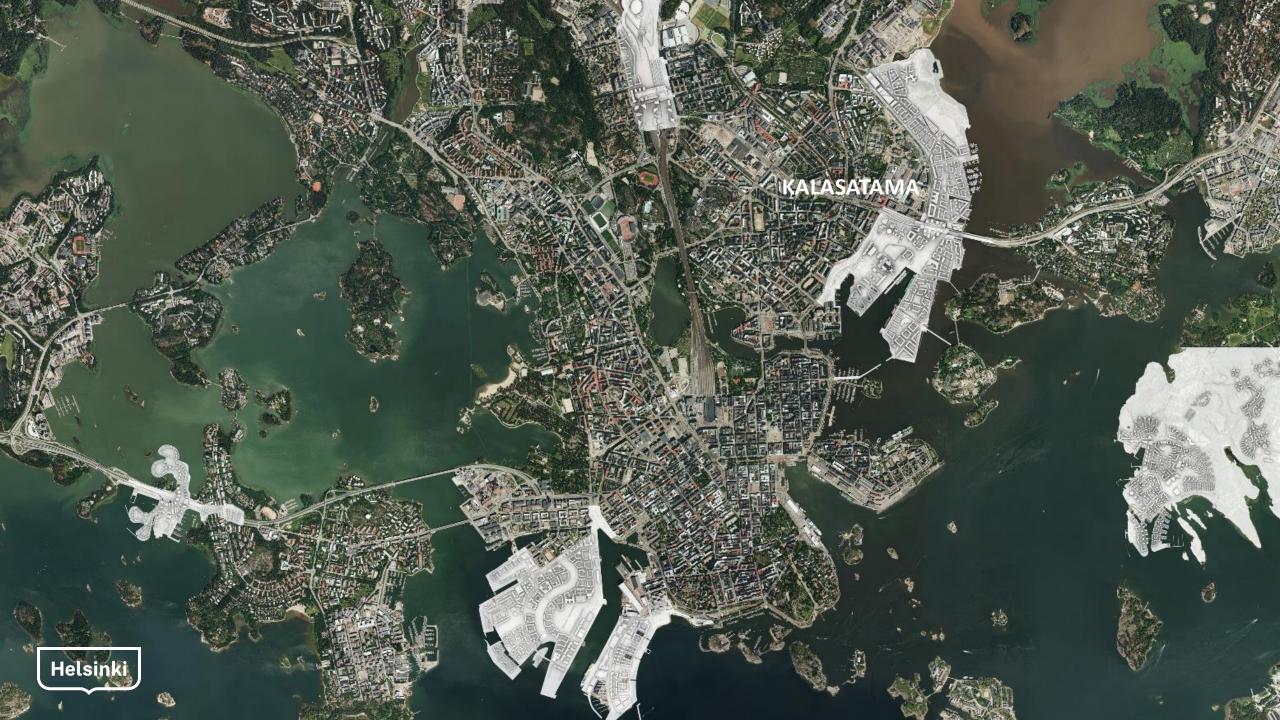
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Anni Sinnemäki Deputy Mayor of Helsinki City of Helsinki

Sustainable growth -expanding the urban core in Helsinki

Jani Moliis & Tuomas Hakala City of Helsinki





KALASATAMA

Construction time: 2009-2035

An and the second second second

- 450 acres
- 3 mi new shoreline
- Travel time to the city centre by metro: 7 min

By 2035

- 25.000 new residents
- 13.000 new housing units
 10.000 jobs



1

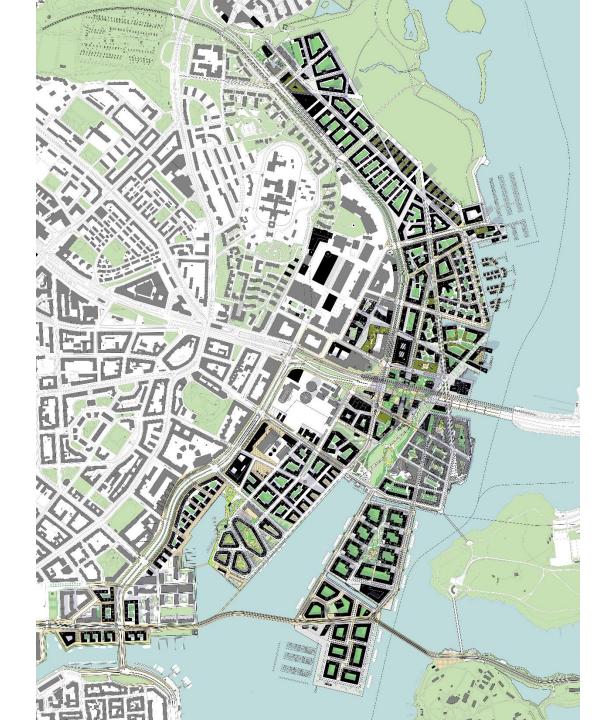
1 BASIC URBAN ELEMENTS

- 2 **NEW STRUCTURE**
- **3** LIVING CITY
- 4 NEW SOLUTIONS FOR HOUSING AND LIVING
- **5 NEW ENERGY SOLUTIONS**











2 NEW STRUCTURE

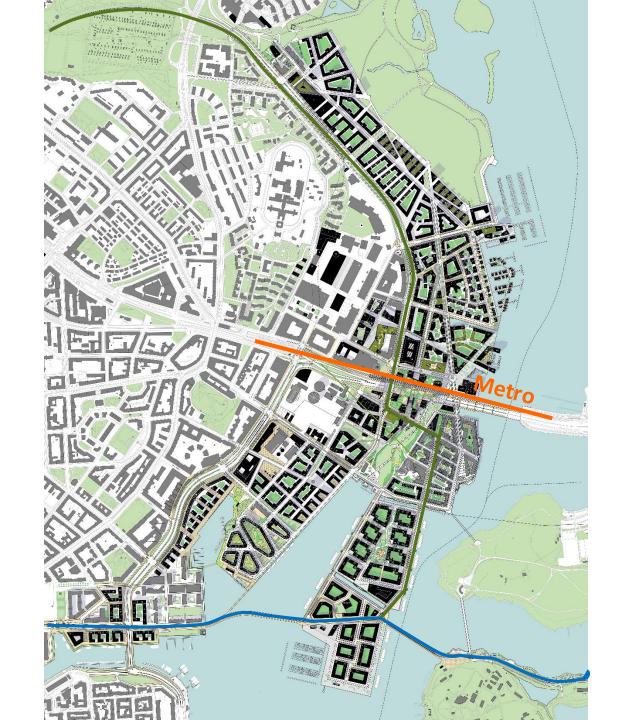


















One more hour a day

Smart Kalasatama grows to a world-class district of smart, sustainable living.

The vision of Kalasatama is that smart services save one hour of citizen's time every day.

4 NEW SOLUTIONS FOR HOUSING AND LIVING



to

www.fiksukalasatama.fi/en @fiksukalasatama #fiksukalasatama

5 NEW ENERGY SOLUTIONS

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Helsinki

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Live discussions: Walkshop Think Tank #AskGreatQuestions How to deliver better and more effectively? How can different actors contribute?





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Live discussions: Walkshop Think Tank #AskGreatQuestions How to deliver better and more effectively? How can different actors contribute?







Trustee Kathy McDonald Wards 3 & 4, Peel District

School Board





MIRO BOARD - REPORT BACK: Deliver TOC, 4 years







Mayor Patrick Brown City of Brampton

Regional Councillor Paul Vicente

Vice-Chair Economic Development Committee **Bob Bjerke** Director of Policy Planning City of Brampton





Thank You - Join us on October 8th at 6pm



Getting to Transit-Oriented Communities Initiative Transit-Oriented Communities: Uptown Hurontario-Steeles Virtual Townhall

Thursday, October 8, 2020 | 6:00pm - 8:30pm EDT

Unlocking Transit-Oriented Communities (TOC): How to Capture the Value of a "26-hour City"?

The Greater Golden Horseshoe (GGH) is the fastest growing Global City Region in North America, with two thirds of the growth anticipated outside of the Toronto core, connected by rapid transit investments and lands owned by the province. TOC is the leading direction to expand healthy, convenient, high-quality live-work-play along subways networks, Light Rail Transit (LRT) and across existing GO networks. The effective and efficient delivery of such TOC requires a new way of problem-solving that aligns stakeholders to a shared perspective that enables concurrent decision making and effective cross-sector collaborations to unlock the value of untapped land, social and workforce assets.

The Urban Land Institute (ULI) Toronto, in collaboration with the City of Brampton, City of Helsinki, Greenberg Consultants and University of Toronto School of Cities will bring this subject to life through exploring the invisible hands that shape the 100,000 people and jobs expected at Uptown Brampton Hurontario-Steeles TOC. With the LRT coming in 2024, this area is experiencing substantial transformation into a high-density, mixed-use, family-oriented, healthy and walkable transit-oriented community, taking shape through the combined interests of Provincial, Regional, Municipal, Private Sector and Community interests.

Agenda

6:00pm-6:40pm: Welcome Remarks

Mayor Patrick Brown, City of Brampton Edurado Moreno, Director of City Prosperity Index, UN-Habitat Hon. Kinga Surma, Associate Minister of Transportation, Ontario Ministry of Transportation Sonia Sidhu, Member of Parliament, Brampton South Regional Councillor Martin Medeiros, Chair of Planning and Development Regional Councillor Paul Vicente, Chair of Public Works, Vice-Chair of Economic & Culture

Jonathan Gitlin, Chief Operating Officer and President, RioCan REIT

6:40pm-6:50pm: Keynote: Helsinki's delivery of a 25-hour City Anni Sinnemäki, Deputy Mayor of Urban Environment, City of Helsinki Jani Moliis, Head of International Affairs, City of Helsinki

6:50pm-7:30pm: Uptown Brampton's strategies for "20min Walkable, Healthy Neighbourhood with Urban Community Hub" as a new growth model for TOC Yvonne Yeung, Manager of Urban Design, City of Brampton Ken Greenberg, Principal, Greenberg Consultants Matti Siemiatycki, Interim Director, University of Toronto School of Cities

7:30pm-8:15pm: Panel: How to deliver a 26-hour Transit-Oriented Community? Introduction: Bob Bjerke, Director of Policy Planning, City of Brampton Moderator: Richard Forward, Commissioner, City of Brampton Andrew Duncan, SVP of Development, RioCAN REIT Dr. Lawrence Loh, Medical Officer of Health, Peel Public Health Dave Kapil, Chair, New Brampton Michelle McCollum, Associate Vice President, Capital Development and Facilities Management, Sheridan College Clare Barnett, Director Economic Development, City of Brampton Economic Development Office

8:15pm-8:27pm: Transit-Oriented Communities Townhall Q & A Facilitator: Richard Joy, Executive Director, ULI Toronto

8:27pm-8:30pm: Thank you and Closing Remarks Emma West, Chair, ULI Toronto

