Getting to Transit-Oriented Communities: Virtual Townhall

October 8, 2020
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)
Before We Start…

- Audience will be muted throughout the session.
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WELCOME

Mayor Patrick Brown
City of Brampton

Emma West
Partner
Bousfields Inc.
Chair, ULI Toronto
REMARKS

Eduardo 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
REMARKS

Eduardo 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
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

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 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.
How to Unlock the Value of TOC: Uptown Brampton’s “20-min Walkable Neighbourhood with Community Hub” as the new growth model for TOC
In 2018, City Council endorsed the ‘Brampton 2040 Vision’, a forward thinking blue-print for a new growth model based on TOCs.
Our Mission: Getting to Transit-Oriented Communities

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“We are at the cusp on a new way of building cities that is based on collaborative city-building. Making this a first best option to meeting public health, climate change, and social equity goals.”

Matti Siemiatycki, Interim Director, University of Toronto School of Cities
#AskGreatQuestions

Implementing Uptown Brampton’s “20-min Walkable Neighbourhood with Community Hub” as the new growth model for TOC

What are the “values lost” in our traditional implementation process?

What are the “new values” that can be created through collaboration?

What are the “shared values” that need to be established at the outset to ensure and accelerate success?

“This is the beginning of a transformation that can apply to 80% of the developed countries globally.”

Yvonne Yeung
Manager of Urban Design
City of Brampton

“This initiative points the way to a more sustainable, inclusive, and prosperous future for this young, dynamic, and rapidly growing GTA municipality.”

Ken Greenberg
Principal, Greenberg Consultants
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.

“Helsinki has also experienced with the similar challenge of growth. Our strategy is to expand the urban core, and densify the urban centre to be more full of life.”

Anni Sinnemäki
Deputy Mayor of Urban Environment
City of Helsinki
Opportunity to deliver a Healthy, Transit-Oriented Region for GGH, the fastest growing global city region in North America.

“Brampton is the fastest growing city in Ontario. We are growing at 3 times the Provincial average. We are working hard at City Hall to build champions across all levels of government and sectors to support smart growth and to advance collaboration and innovative partnerships.”

Regional Councillor Martin Medeiros
City of Brampton
The Medical Officers of Health 2014 “Improving Health by Design” report identified in Peel Region:

“Urban Sprawl costs cities. The direct cost of Urban sprawl can easily be quantified in dollars and cents by looking at services like waste, roads, and utilities.

The human costs of pollution, a dependence on cars and most importantly the time lost on travelling. That would be time much better spent with our families and loved ones.”

Regional Councillor Paul Vicente
City of Brampton

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.

Walkability Index for Public Health and Planning in Peel Region

Source: Statistics Canada 2016, Region of Peel-Peel Data Centre 2016, City of Brampton 2016, City of Mississauga 2016
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

**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: COVID-19

Challenge: Inactive Lifestyle

Source: Improving Health by Design in the Greater Toronto-Hamilton Area, 2014
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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692,000+ population, 62% labour force participation in 2020

Source: Environics

20,000+ new population per year

Source: Esri

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692,000+ population, 62% labour force participation in 2020

Source: Environics

20,000+ new population per year

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

Brampton is a major immigrant 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

“It is our diversity and collaborative spirit that enables the innovation required to plan, build, and develop healthy homes and neighbourhoods.”

Richard Forward
Commissioner of Planning, Building and Economic Development, City of Brampton
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.

**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.
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.

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

**Council Priorities include:**
- Complete Communities
- Streets for People
- Unlock Uptown & Downtown
- Urban Community Hub
- Healthy Citizens
- Jobs within Centres & Partnerships

**City-led Design Excellence include:**
- Pre-application Co-design Service
- City-led Precinct Planning and Design
- City-led Public Realm Design
- City-led Urban Community Hubs Design
- City-led Meanwhile Activation Strategy
- Urban Design Review Panel
Convergence of 13 million sq.ft. of public & private investments make implementing 20-min walkable neighbourhood possible.

100,000 living & working  12,000 new units

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, area affordability, inclusive community development & carbon neutrality.

Unprecedented collaborations among Province, Region, City, Non-profits & Developers.
With the LRT coming in 4 years, there is an opportunity for innovative collaboration to accelerate delivery of Uptown TOC.
During the 1960s the Uptown TOC site was developed as a Car-oriented Community.
When bus service came online in the 1970s Uptown further intensified with mixed of uses in 1980s. However, new development was delivered in a car-oriented format.
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**
- **Urban Community Hub Campus**
  - LRT Light rail transit in service 2024
  - 6+ km Urban Main Street public realm

**12,000+** new residential units + commercial

**100,000** people living and working within 20min walking distance from Hurontario-Steeles
The rich mix of untapped assets set the stage for a 20-min neighbourhood.

Unlock Untapped Assets

160+ acre of open space, 6+ km of creek, 10+ facilities
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.

41% of jobs will be in local walkable neighbourhoods
Source: Hemson, 2020

- Retail, Accommodation & Food
- Education, Health & Social Assistance
- Information Technology, Finance, Real Estate Professional, Technical, Management & Administration Sectors

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.

76% of growth are young families, immigrants & students.
Source: Hemson, 2020

Improving access to transportation and avoiding crowded housing can strengthen a community’s social vulnerability.
Human-centred roads. Safety will only improve when every road or street project takes a 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

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).

Peel Region

Council endorsed “Brampton 2040 Vision” (2018)

“We can make change if we put our mind into it. Humanizing Hurontario is both the street and the built environment coming together.”

Daniel Haufschild
Principal, Arup

40% increase of collision rate (2016-2018)
Source: Peel Region

100,000 people will live and work at Uptown TOC
Create equitable mixed-income housing that improves quality of life can forges a better economic future. Gensler Research Institute

“It is encouraging for me to see that you are taking equity and inclusion very seriously. This make me feel welcomed, as a visitor coming to the City, to this 20min neighbourhood.”

Andre Brumfield  Principal, Gensler

40% of population in Uptown are seniors, children, or youth

Source: Environics
How can we expedite infrastructure to support recovery?

“Community oriented feature that increases value for subsequent development, will distinguish Brampton from other community across the world. This can enhance Brampton’s brand as place to do businesses, as a place to live, given the forward thinking vision.”

Kate Collignon  Partner, HR&A
How can we create a Community Hub to serve the needs of the full life cycle?

“I am very committed to the Community Hub concept. I believe strong city need strong families and strong communities. Strong community rely on strong educated youth. We need to ensure we inspire success, confidence, and hope in all students. This is a win-win for all.”

Trustee Kathy MacDonald
Peel District School Board
How do we integrate the co-located set of “expandable” facilities under one-roof in a campus?
How do we arrange the shared facilities to optimize synergies?
How can we use “meanwhile placemaking” to create a sense of community from the outset?

“Living City - we try to have everyone from Helsinki to visit Kalasatama as it get redeveloped. Cultural activity is a great way to get positive community impact.”

Tuomas Hakala
Head of Detail Design, City of Helsinki
Design thinking can solve complex problems through systemic reasoning and intuition to explore ideal future states with the end user in mind.

McKinsey & Company

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

Jane Jacobs

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

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**What does the Public Sector need?**

**What does the Private Sector need?**

**What does the Community need?**

**What do Non-profits need?**

**Unlocking TOC**
3 Interlocking Design-based Framework “in space & time scales” for innovating concurrent collaboration and implementation

“Our urban design team is at the forefront of developing tools for collaboration. Through this collaboration we are able to understand the holistic, diversity challenges at various scale.”

Richard Forward Commissioner of Planning, Building and Economic Development, City of Brampton

### 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. 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
Underlying transformative drivers connecting all three scales: rapid transit investment and natural system
20-min Walkable Neighbourhoods
Urban Greenways
Transit and Active Transportation
Humanizing Major Arteries
Urban Greenways and Public Realm
Safe Walking, Cycling and Transit Access
Community Hub as "Beating Heart"
300m Walk
Linking the Campus and the LRT
A Place that works at all hours
A Place that works for all seasons
Human-centred Design
WHAT WE HEARD

“Aligning the timing of public and private investments.”
“How to get local businesses in the new community at the right time.”
“Investments from all levels of government.”
“What can the City do to help out, pro forma analysis at early stage.”
“Thinking ahead and have flexible planning policy.”
“Addressing the width of the road.”
“Road character study has reached the end of life and need a re-study.”
“Revisit road character design for Regional road.”
“modular housing for mid-rise”
“mixed income housing”
“amending building code for more innovation in typology”
“area specific development charges”
“development charges can be reinvested in the area”
“early engagement with community groups for activation”
“creating distinct placemaking for neighbourhood identity”
“flexible processes for post pandemic city”
“engage people, what do they want, make it a welcoming area”
“having community engagement early and often”
“community involvement co-design with community”
“leverage current climate of collaboration among different levels of government”
“think long term, and adapt to it now”
“We hope, that with your bright minds, and the collaborative spirit put into action, we can find and implement the innovations needed to quicken the delivery and improve the quality of these services and infrastructure. To build them in right as the new and existing residents need them.”

Bob Bjerke
Director of Policy Planning,
City of Brampton
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

“This innovative urban hub is a promising start, consistent with the 2040 Vision. We are committed to create a more connected and vibrant city.”  Mayor Patrick Brown, City of Brampton
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

“This initiative in so many ways reflects the global mission for the ULI. We seek to convene conversation to better achieve outcome to benefit public and community good.”

Emma West
Chair, ULI Toronto

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?
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 Nissonen

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
Sustainable growth - expanding the urban core in Helsinki

Jani Moliis
Head of International Affairs
City of Helsinki
Housing policy objectives

Housing production target mix

- Directly subsidized: 45%
- Indirectly subsidized: 30%
- Unregulated: 25%
Crown Bridges
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.

www.fiksukalasatama.fi/en
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DEVELOPMENT PARTNER REMARKS

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BRAMPTON 2040 REMARKS

Bob Bjerke
Director of Policy Planning
City of Brampton
Panel: How to deliver a 26-hour Transit-Oriented Community?

Moderator: Richard Forward
Commissioner of Planning, Building and Economic Development

With a passion for City-building, Richard’s approach to guiding community expansion and intensification programs focuses on making connections through common ground that attracts, excites and unites community partners and professionals about investment decisions.

Clare Barnett
Director Economic Development at City of Brampton Economic Development Office

Clare brings a unique perspective to Brampton with her private and public sector experience in economic development, attracting Foreign Direct Investment, communications, and place branding and marketing.

Andrew Duncan
SVP of Development RioCan REIT

As Senior Vice President of Developments at RioCan, Andrew Duncan is responsible for the initial assessment of all prospective sites, leading negotiations with vendors and has direct oversight for all facets of site planning including. Working in the land development industry for almost 20 years, Andrew has deep expertise in land development project management.
Panel: How to deliver a 26-hour Transit-Oriented Community?

Dr. Lawrence Loh  
Medical Officer of Health  
Peel Public Health

On June 25, 2020, Dr. Lawrence Loh became the Medical Officer of Health at the Region of Peel – Public Health. He was previously an Associate Medical Officer of Health and served as the Interim Medical Officer of Health in Peel. Dr. Loh is an Adjunct Professor at the Dalla Lana School of Public Health, University of Toronto.

Dave Kapil  
Chair  
New Brampton

Dave Kapil is a co-founder chair of New Brampton and Dave Kapil is the CEO of Kapil Holding and Kapil Financial Services. A builder of the community at heart, Dave has been involved in revitalizing many Brampton historic buildings and recognizes the true potential of this city. This has led to his involvement as a volunteer with New Brampton, an initiative that is focused on being a catalyst for positive change and growth in the city of Brampton.

Michelle McCollum  
Associate VP, Capital Development & Facilities Management  
Sheridan College

Michelle leads all aspects of Sheridan’s built-environment including sustainability, land-use and infrastructure planning, new construction, renovations and facilities management. As a public sector leader, Michelle has spent over 25 years in municipal government, and education administration in the UK and Canada driving key strategic initiatives, capital infrastructure development, and organizational transformation.
Q&A

Richard Joy
Executive Director
ULI Toronto
Closing Remarks

Richard Joy
Executive Director
ULI Toronto
Thank You