

Wednesday, February 13, 2019
9:30 a.m. – Regular Meeting

Boardroom WT-2C/2D – 2nd Floor – West Tower

Members: Regional Councillor R. Santos – Wards 1 and 5
Chair, Community Services Section
Vice-Chair, Corporate Services Section
Regional Councillor P. Vicente – Wards 1 and 5
Chair, Public Works and Engineering Section
Vice-Chair, Economic Development and Culture Section
Regional Councillor M. Palleschi – Wards 2 and 6
Regional Councillor M. Medeiros – Wards 3 and 4
Regional Councillor P. Fortini – Wards 7 and 8
Vice-Chair, Public Works and Engineering Section
Regional Councillor G. Dhillon – Wards 9 and 10
Chair, Economic Development and Culture Section
City Councillor D. Whillans – Wards 2 and 6
City Councillor J. Bowman – Wards 3 and 4
City Councillor C. Williams – Wards 7 and 8
Vice-Chair, Community Services Section
City Councillor H. Singh – Wards 9 and 10
Chair, Corporate Services Section

For inquiries about this agenda, or to make arrangements for accessibility accommodations for persons attending (some advance notice may be required), please contact:

Sonya Pacheco, Legislative Coordinator, Telephone 905.874.2178, TTY 905.874.2130
cityclerksoffice@brampton.ca

Note: Meeting information is also available in alternate formats upon request.

Agenda Committee of Council

Note: Please ensure all cell phones, mobile and other electronic devices are turned off or placed on non-audible mode during the meeting. Council Members are prohibited from sending text messages, e-mails and other electronic messaging during the meeting.

1. Approval of Agenda

2. Declarations of Interest under the Municipal Conflict of Interest Act

3. Consent

- * The following items listed with an asterisk (*) are considered to be routine and non-controversial by the Committee and will be approved at this time. There will be no separate discussion of any of these items unless a Committee Member requests it, in which case the item will not be consented to and will be considered in the normal sequence of the agenda.

(nil)

4. Announcements

5. Delegations

- 5.1. Delegation from David Laing, Chair, Institute for Sustainable Brampton Task Force, re: **Institute for Sustainable Brampton, as part of the Vision 2040: Living the Mosaic.**
- 5.2. Delegation from Ivan Rabinovich, General Manager, Brampton YMCA, re: **Sweat for Good Challenge Fundraising Event – Brampton YMCA.**
- 5.3. Delegation from Ryerson University re: **Ryerson University's Cybersecure Catalyst and Leadership at Brampton's Incubator and Co-Working Space (Rebar 41).**
1. Glenn Craney, Deputy Provost and Vice Provost, University Planning
 2. Mohamed Dhanani, Special Advisor, Office of the President
 3. Charles Finlay, Executive Director, Cybersecure Catalyst

Note: A presentation will be distributed prior to the meeting.

**Agenda
Committee of Council**

6. Economic Development and Culture Section
(Regional Councillor G. Dhillon, Chair)

6.1. Staff Presentations

6.2. Reports

6.3. Other/New Business

6.3.1. Update – Innovation and Post-Secondary Matters

6.4. Correspondence

6.5. Councillors Question Period

6.6. Public Question Period

5 Minute Limit (regarding any decision made under this section)

7. Corporate Services Section
(City Councillor H. Singh, Chair)

7.1. Staff Presentations

7.2. Reports

7.3. Other/New Business

7.3.1. Discussion at the request of City Councillor Williams, re: **Black History Month.**

7.3.2. Discussion at the request of City Councillor Williams, re: **Pink Shirt Day.**

7.4. Correspondence

7.5. Councillors Question Period

**Agenda
Committee of Council**

7.6. Public Question Period

5 Minute Limit (regarding any decision made under this section)

8. Public Works and Engineering Section
(Regional Councillor P. Vicente, Chair)

8.1. Staff Presentations

8.2. Reports

- 8.2.1. Report from W. Kuemmling, Manager, Open Space Development, Public Works and Engineering, dated January 2, 2019, re: **Request for Budget Amendment – Capital Project #195860 – Developer Reimbursements for the Development of Park Block 79 in the Ashley Oaks Homes Inc. Development in Riverview Heights, File C05W01.005, Registered Plan 43M-2002 (Ward 6) and improvements to the existing Loughheed Park as part of the adjacent Brampton West 1-2 Limited Development in the Mahogany Subdivision, File T03W15.012, Registered Plan 43M-2049 (Ward 6).**

Recommendation

- 8.2.2. Report from T. Kocialek, Manager, Engineering, Public Works and Engineering, dated January 23, 2019, re: **Request for Budget Amendment and Request to Begin Procurement – Road Resurfacing within the City of Brampton – Citywide.**

Recommendation

8.3. Other/New Business

8.4. Correspondence

8.5. Councillors Question Period

8.6. Public Question Period

5 Minute Limit (regarding any decision made under this section)

**Agenda
Committee of Council**

9. Community Services Section

(Regional Councillor R. Santos, Chair)

9.1. Staff Presentations

- 9.1.1. Presentation by D. Boyce, Director, Recreation, Community Services, re: **Cricket in Brampton.**

9.2. Reports

9.3. Other/New Business

9.4. Correspondence

9.5. Councillors Question Period

9.6. Public Question Period

5 Minute Limit (regarding any decision made under this section)

10. Referred Matters List

Note: In accordance with the Procedure By-law and Council Resolution, the Referred Matters List will be published quarterly on a meeting agenda for reference and consideration. A copy of the current [Referred Matters List](#) for Council and its committees, including original and updated reporting dates, is publicly available on the City's website.

11. Government Relations Matters

- 11.1. Briefing Report from the Office of the Chief Administrative Officer, re: **Government Relations Matters.**

To be distributed prior to the meeting

12. Public Question Period

15 Minute Limit (regarding any decision made at this meeting)

**Agenda
Committee of Council**

13. Closed Session

14. Adjournment

Next Regular Meeting: Wednesday, February 27, 2019



BRAMPTON
Flower City

Chief Administrative Office
City Clerk

Delegation Request

For Office Use Only:

Meeting Name:

Meeting Date:

Please complete this form for your request to delegate to Council or Committee on a matter where a decision of the Council may be required. Delegations at Council meetings are generally limited to agenda business published with the meeting agenda. Delegations at Committee meetings can relate to new business within the jurisdiction and authority of the City and/or Committee or agenda business published with the meeting agenda. **All delegations are limited to five (5) minutes.**

Attention: City Clerk's Office, City of Brampton, 2 Wellington Street West, Brampton ON L6Y 4R2

Email: cityclerksoffice@brampton.ca Telephone: (905) 874-2100 Fax: (905) 874-2119

Meeting: ☒ City Council ☐ Planning and Development Committee
☐ Committee of Council ☐ Other Committee:

Meeting Date Requested: February 06, 2019

Agenda Item (if applicable):

Name of Individual(s): David Laing

Position/Title:

Institute for Sustainable Brampton Task Force Chair

Organization/Person
being represented:

Institute for Sustainable Brampton Task Force

Full Address for Contact:

Telephone:

Email:

Subject Matter
to be Discussed:

Institute for Sustainable Brampton as part of the Vision 2040; Living the Mosaic

Action
Requested:

We are requesting the City support the establishment of the Institute for Sustainable Brampton which is a catalytic action identified in the Brampton 2040 Vision

A formal presentation will accompany my delegation: ☒ Yes ☐ No

Presentation format: ☐ PowerPoint File (.ppt) ☒ Adobe File or equivalent (.pdf)
☐ Picture File (.jpg) ☐ Video File (.avi, .mpg)

☐ Other:

Additional printed information/materials will be distributed with my delegation: ☐ Yes ☐ No ☒ Attached

Note: Delegates are requested to provide to the City Clerk's Office **well in advance of the meeting date:**

- (i) 25 copies of all background material and/or presentations for publication with the meeting agenda and /or distribution at the meeting, and
- (ii) the electronic file of the presentation to ensure compatibility with corporate equipment.

Submit by Email

Once this completed form is received by the City Clerk's Office, you will be contacted to confirm your placement on the appropriate meeting agenda.

Personal information on this form is collected under authority of the Municipal Act, SO 2001, c.25 and/or the Planning Act, R.S.O. 1990, c.P.13 and will be used in the preparation of the applicable council/committee agenda and will be attached to the agenda and publicly available at the meeting and on the City's website. Questions about the collection of personal information should be directed to the Deputy City Clerk, Council and Administrative Services, 2 Wellington Street West, Brampton, Ontario, L6Y 4R2, tel. 905-874-2115.

5.1-2

FEBRUARY 6, 2019 COUNCIL RESOLUTION ON SUPPORTING THE CREATION OF THE INSTITUTE FOR SUSTAINABLE BRAMPTON.

Whereas City of Brampton Council previously (May 28, 2014) approved “Brampton Grow Green” as the City’s Environmental Master Plan to guide corporate and civic decision-making that will ensure Brampton develops as a sustainable, healthy and livable community;

Whereas City of Brampton Council in 2014 declared that the City of Brampton will be a leader of environmental sustainability, as a corporation and a community, and recognizes that environmental sustainability must be second nature in all areas of municipal responsibility, and part of the economic, social and cultural fabric of our community;

Whereas City of Brampton Council unanimously endorsed the Brampton 2040 Vision – Living the Mosaic (the Vision) at the May 7, 2018 special council meeting;

Whereas the Vision recommends that an Institute for Sustainable Brampton be created as an agency both at arm’s length to yet working in partnership with City Hall to facilitate both the public and private sectors on a path towards “one-planet living” AND;

Whereas the Vision recommends that Council declares that the City will lead in environmental sustainability and carbon neutrality through green infrastructure and operations,

Therefore Brampton Council declares that the City will lead in environmental sustainability and carbon neutrality through green infrastructure and operations and,

That staff be directed to report back to Council with strategies and seed funding to cover costs associated with establishing the Institute for Sustainable Brampton as a not for profit agency and to recruit and fund an executive director for the first year of the ISB operation.

5.1-3

Institute for Sustainable Brampton

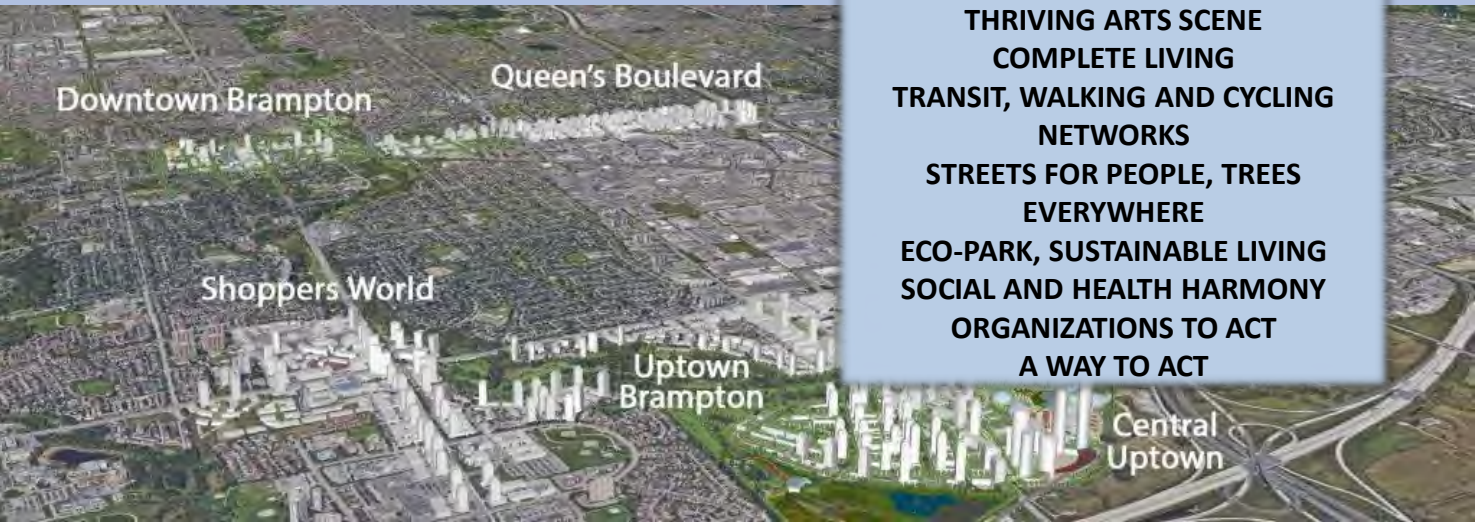
Brampton Council

February 06, 2019

5.1-4

Vision 2040: Living the Mosaic

- Ten Transformations



**NEW UPTOWN, RESET DOWNTOWN
FIVE NEW TOWN CENTRES
THRIVING ARTS SCENE
COMPLETE LIVING
TRANSIT, WALKING AND CYCLING
NETWORKS
STREETS FOR PEOPLE, TREES
EVERYWHERE
ECO-PARK, SUSTAINABLE LIVING
SOCIAL AND HEALTH HARMONY
ORGANIZATIONS TO ACT
A WAY TO ACT**

5.1-5

Institute for Sustainable Brampton

Task Force of influential environmental, corporate and civic leaders in Brampton must come together, assisted by the existing civic administration and the Brampton Environmental Advisory Committee, to found the **Institute for Sustainable Brampton.**



**Credit Valley
Conservation**
Inspired by nature

FOUNDATION
**SIERRA
CLUB CANADA**
FOUNDATION



5.1-6

Institute for Sustainable Brampton

*Building the case for a sustainability
institute in Brampton. Why we need it.
What it would do. How it would run.*

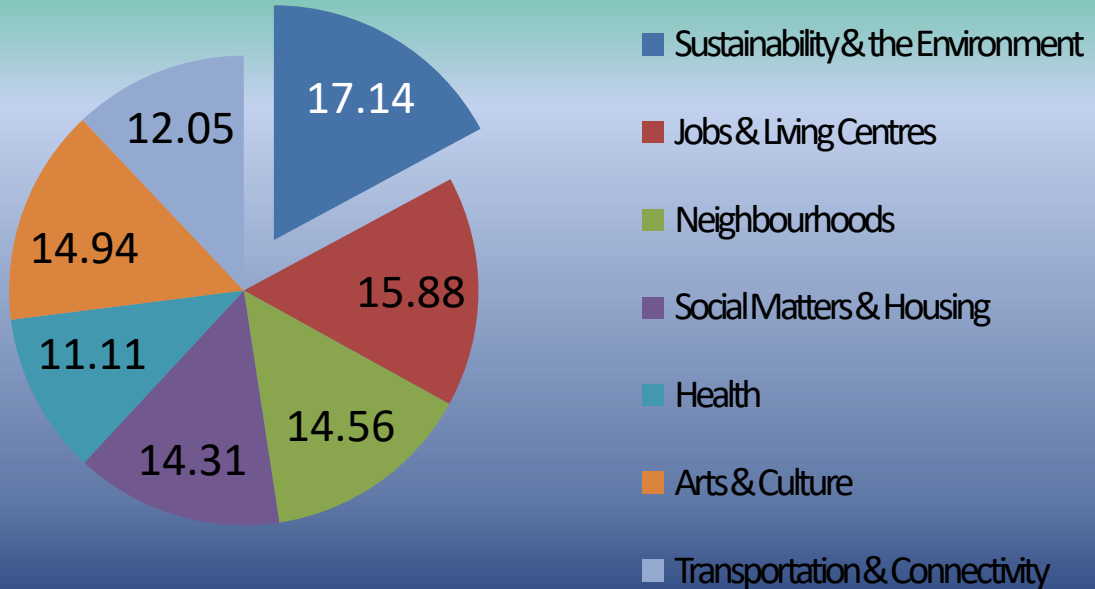
January 2019

Authored by:
ISB Task Force consisting of
select members of the
Brampton Grow Green Network

5.1-7

Vision 2040 Priorities

<http://geohub.brampton.ca/pages/brampton-2040-vision>



5.1-8

One-Planet Living

“A vision of a world in which people enjoy happy, healthy lives within their fair share of the earth's resources, leaving space for wildlife and wilderness”

<https://www.bioregional.com/oneplanetliving/>



5.1.9
Institute for Sustainable Brampton
Institute for Brampton Enterprise

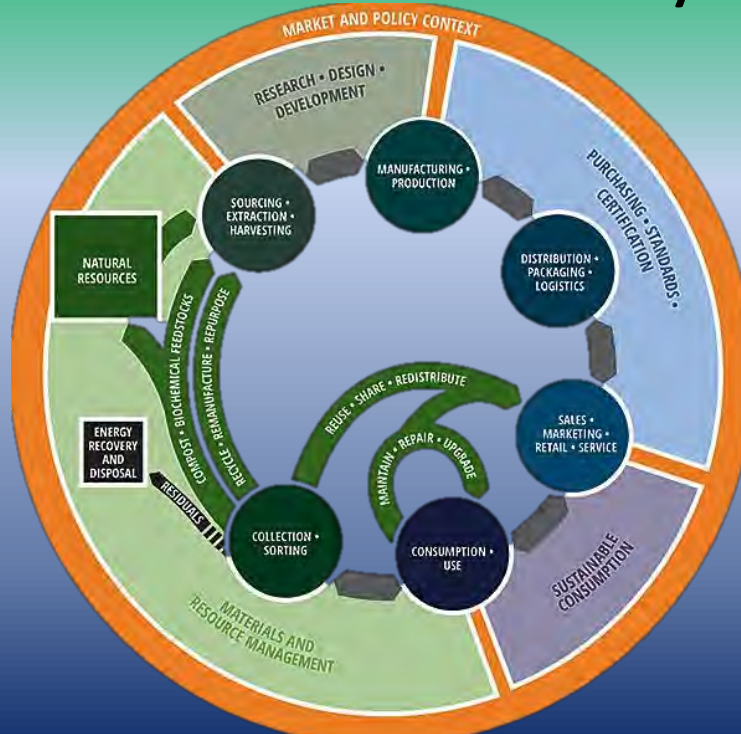


**Jobs
Growth
Investment**

Local Green Economy

5.1-10

Circular Economy



5.1-11 Institute for Sustainable Brompton Environment Education Centre



Research and Innovation
Coordination and Consultation
Outreach and Education
Networking and Promotion
International Recognition

Big ideas, Big Projects, Big Results!

- Interconnected urban park, wet-lands protection
- One-million trees planted
- Renewable district energy network
- Local urban food production
- Carbon neutral neighbourhoods

5.1-12

One-Planet Living Principles

	Health and happiness Encouraging active, sociable, meaningful lives to promote good health and wellbeing		Local and sustainable food Promoting sustainable humane farming and healthy diets in local, seasonal organic food and vegetable protein
	Equity and local economy Creating safe, equitable places to live and work which support local prosperity and international fair trade		Materials and products Using materials from sustainable sources and promoting products which help people reduce consumption
	Culture and community Nurturing local identity and heritage, empowering communities and promoting a culture of sustainable living		Travel and transport Reducing the need to travel, and encouraging walking, cycling and low carbon transport
	Land and nature Protecting and restoring land for the benefit of people and wildlife		Zero waste Reducing consumption, reusing and recycling to achieve zero waste and zero pollution
	Sustainable water Using water efficiently, protecting local water sources and reducing flooding and drought		Zero carbon Making buildings and manufacturing energy efficient and supplying all energy with renewables

5.1-13



D.C. unveils strongest climate bill in the country

Cities and states continue to push forward as they work to meet the goals laid out by the Paris agreement.

<https://thinkprogress.org/dc-strongest-climate-bill-country-e063800dccce/>

NATIONAL POST

'We need to respond to this crisis': Vancouver councillors unanimously approve motion declaring climate emergency

*'We are a smart city, capable of doing difficult things,' Councillor
Christine Boyle said in a news release*

<https://nationalpost.com/news/canada/vancouver-councillors-unanimously-approve-motion-declaring-climate-emergency>

5.1-16

“Sustainable buildings have become a recruitment tool for employers to attract a new generation of socially conscious workers.”

*David Hearn,
Regional Real Estate
Services Leader,
Ernst & Young
2018*



<https://www.theglobeandmail.com/business/industry-news/property-report/article-waterloo-ont-office-takes-green-development-to-new-level/>

5.1-17

Carbon Neutral Cities Alliance



Adelaide



Berlin



Yokohama

Vancouver



Portland



Stockholm



5.1-18

Thank you

Executive Summary

In 2018 Brampton completed a visioning exercise, engaging tens of thousands of city residents, businesses, employees and experts. The message was clear; we all want a bold new look for our city and we want our city to be green and environmentally sustainable as it grows.

Achieving the Vision requires substantive changes to the current city trajectory. The vision document recommends creating institutions to take on the role of change agents. The Institute for Sustainable Brampton is one of those organizations. In summer of 2018, members of the Grow Green Network created a task force to look at options for creating the ISB. The task force produced a discussion paper outlining the urgent need for the ISB and the approach for how it would be created and operated.

The importance and urgency associated with creating the ISB is twofold. First, for many Brampton residents and stakeholders, sustainability and the environment is their number one priority as reflected the “geohub brampton” survey that was posted on the City’s website. Second, the journey towards one-planet living represents a significant undertaking that will fundamentally change many aspects of this growing city. Twenty forty is twenty years away and that will pass in a heart-beat. Every moment that goes by potentially moves us farther away from our intended path and makes it more work and significantly more expensive for us to catch up.

To make this journey palatable and realistic the ISB will combine mandates with the proposed Institute for Brampton Enterprise. At over \$4T, the green economy already is bigger than the fossil fuel sector world-wide and growing at more than twice its rate. It is creating high paying jobs and attracting loads of capital. The ISB will help make Brampton a significant player in the Green Economy and create the conditions that will bring green jobs and investments to this City.

Moreover the ISB will help foster the Circular Economy in the City. The Circular Economy makes the most efficient use of raw materials, thereby reducing environmental damage due to extraction and minimizing environmental degradation from waste materials and disposal processes. Fostering the Circular Economy in Brampton would not only create jobs, it would help the City and the Region to achieve its 75% waste diversion target and help create a market for locally recycled materials. It would become the steroidal version of the repair café.

Brampton must differentiate itself from other potential players if it is to be successful attracting green businesses and jobs to this City. An effective way of doing that is for the City to become a ‘Sustainable Communities’ leader and be recognized as such. The role of the Environment Education Centre as part of the ISB will be to help Brampton foster and build that reputation. As part of the City’s Innovation Hub the EEC will be a place where hot topics, critical thinkers and innovative minds come together. It will also be a place where big ideas are conceived, planned and supported.

Completing all of the projects necessary to achieve one-planet living will likely take 20 years. Along the way, it will provide this city with a point of focus, a point of pride and a point of positive reputation. It

will give this City a way to achieve the economic growth that we desperately need without compromising the liveability values that many of us in this City hold so dear.

It also opens the door to funding sources such as the Ontario Carbon Trust and the Federal Low Carbon Economy Challenge Partnership stream that may not otherwise be available to municipal governments the size of Brampton.

It is urgent that we start now. Bold visions call for bold actions. Despite lack of global initiative, many cities around the world have already responded to the environmental challenge in their own way. Some are responding by taking aggressive actions that will help mitigate or adapt to the threat. They may achieve their targets, but they may miss the opportunity for economic development.

Other cities are using the looming environmental crisis as an opportunity to create economic development while reducing environmental risk and improving overall quality of life for its citizens.

Supporting the creation of the ISB puts Brampton firmly in the opportunity camp and in the company of some of the best managed innovative thinking cities in the world.

Institute for Sustainable Brampton

*Building the case for a sustainability
institute in Brampton. Why we need it.
What it would do. How it would run.*

January 2019

Authored by:
ISB Task Force consisting of
select members of the
Brampton Grow Green Network

Public Engagement Edition Version 1.0, January 8, 2019

This document is endorsed and supported by the following organizations:

- Sheridan College Sustainability Office
- Unifor West GTA Environmental Council
- Sierra Club Ontario – Peel Group
- Alpha Laboratory Solutions
- Dayle Laing Interior Designs Inc.
- Brampton Blue Dot (David Suzuki Foundation)

With review and input from:

- Toronto and Region Conservation Authority
- Credit Valley Conservation Authority
- And many individual contributors

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“We're all a resident of somewhere.

So residents of cities have a huge role to play [in sustainability] – that's where we can pull the levers on things like transportation decisions, land use decisions. People understanding where they live, where they work, how they get around – this is their everyday life that actually can make a real difference.”

Lauren Faber O'Connor, Chief Sustainability Officer,
Office of Mayor Eric Garcetti, Los Angeles California

1. Background

In September 2017, the City of Brampton embarked on a process to create a Vision to guide the evolution of the City to the year 2040. The process was one of the largest public consultations that the City has ever undertaken. Contacts were made with hundreds of thousands of residents. Responses and ideas were contributed by over 11,000 people. The resulting **Brampton 2040 Vision: Living the Mosaic**¹ was designed to reinvent Brampton; to reflect what the people want for the future of their City.

Throughout the public consultation process a “green” Brampton was both applauded and demanded. Among the features most cherished by long-term City residents are the parks and natural heritage system. From the younger generation there was a consistent call for a more environmentally sustainable City. As such, sustainability forms the first of four DNA strands that permeate the Vision, beginning with the first of seven building block Vision statements:

*“In 2040, Brampton will be a mosaic of sustainable urban places, sitting within an interconnected green park network, with its people as **environmental stewards** – targeting ‘one-planet’ living.”²*

One-Planet Living, a concept developed by Bioregional, a UK based Environmental Charity, is a vision of the world “where everyone, everywhere can live happy, healthy lives within the limits of our planet, leaving space for wildlife and wilderness”.³

Figure 1 One Planet Living Principles
<http://www.bioregional.com/oneplanetliving/>

	Health and happiness	Ensuring an active, social, meaningful life to promote good health and wellbeing
	Equity and local economy	Treating safe, equitable places to live and work which support local prosperity and interaction for trade
	Culture and community	Nurturing local identity and heritage, empowering communities and promoting a culture of sustainable living
	Land and nature	Protecting and restoring land for the benefit of people and wildlife
	Sustainable water	Using water efficiently, protecting local water resources and reducing flooding and drought
	Local and sustainable food	Promoting sustainable humane farming and healthy diets high in local, seasonal organic food and vegetable protein
	Travel and transport	Reducing the need to travel, encouraging walking, cycling and low carbon transport
	Materials and products	Using materials from sustainable sources and promoting products which help reduce resource consumption
	Zero waste	Reducing consumption, re-using and recycling to achieve zero waste and zero pollution
	Zero carbon energy	Making buildings and manufacturing energy efficient and supplying all energy with renewables

One-Planet Living uses ecological and carbon foot-printing as its headline indicators. It is based on ten guiding principles of sustainability as a framework, (see Figure 1). Currently, 4.5 million people live in cities and city-regions that will be participating in the new One Planet Cities project, funded by the KR Foundation.⁴

The Brampton 2040 Vision **specifies an Institute for Sustainable Brampton (ISB)** as the vehicle that will allow the City to achieve ‘one-planet’ living.

“The prime mandate of the Institute for Sustainable Brampton over the next 25 years is to achieve ‘one-planet’ living.”⁵

¹ <https://www.brampton.ca/EN/City-Hall/Documents/Brampton2040Vision/brampton2040Vision.pdf>

² Brampton 2040 Vision - Vision 1, ibid. p.21

³ <https://www.bioregional.com/oneplanetliving/>

⁴ 595,000 people are living in, visiting and working at organisations, communities and cities that have committed to One Planet Living, pg. 3

⁵ Brampton 2040 Vision - Action #1-1, ibid. p.22

In the summer of 2018, select members of **Brampton's Grow Green Network**⁶, a collection of environmentally focused organizations operating in Brampton, formed the **ISB Task Force** with the objective of making the **Institute for Sustainable Brampton** a reality. The task force determined the best way to get started would be to create this white paper, the purpose of which is to:

- **Flesh out** the ISB concept as outlined in the 2040 Vision document
- **Present** a clear case for the need and priority for an ISB
- **Solicit feedback** from residents and other city stakeholders on:
 - the stated goal for the ISB
 - its proposed structure
 - its strategic and operational role
- **Gain support** for initial funding and next steps
- **Define priorities** for the near, medium and long-term

2. Why does Brampton need the Institute for Sustainable Brampton now?

The people of Brampton clearly want the City to live within its environmental means. They want to see complete neighbourhoods, higher density land uses, with an integrated network for walking, cycling and transit⁷. They want to reclaim road space to provide travel choices for civic sustainability.⁸ They want nature brought back with a million trees planted, a new Eco-Park and sustainable living integrated into everything.⁹

The Brampton of today holds a tantalizing promise that it can become that future City residents want. Brampton is the 9th largest city in Canada¹⁰. MoneySense ranks it in the top quartile of Canadian cities in which to live based on a moderate climate, a diverse and growing population and close proximity to Pearson airport, among other amenities.¹¹ Brampton has a wealth of parks winding through its urban river valleys. It boasts two conservation

It's coming to be seen as a necessary part of city leadership. To be seen as a top-performing, world-class city, [environmental sustainability] is one of the elements you're expected to demonstrate.

Peter Madden, Chief Executive of Future Cities Catapult via the Financial Times

<https://www.ft.com/content/d183a1ec-bfef-11e3-b6e8-00144feabdc0>

⁶ The Grow Green Network is an affiliation of environmentally focussed organizations operating in Brampton. It was created in 2016 by the Brampton Environment Advisory Committee with support from the City of Brampton. ISB Taskforce organizations include: Sierra Club- Peel Chapter, Toronto and Region Conservation Authority, Credit Valley Conservation Authority, BikeBrampton, GTA West Environmental Council (Unifor).

⁷ Brampton 2040 Vision - Vision 4, ibid. p.59

⁸ Brampton 2040 Vision - Vision 4 ibid. p.59

⁹ Brampton 2040 Vision, ibid. p.4 (Action #1-2 Brampton Eco-Park, p.23)

¹⁰ <http://www.brampton.ca/EN/Business/economic-development/Why-Brampton/Pages/Welcome.aspx>

¹¹ <https://www.moneysense.ca/canadas-best-places-to-live-2018-create-your-own-ranking/>

areas within its borders. Considering its position in southern Ontario, it has some extraordinary natural heritage features, including a wetland complex ranked 7th of 2,260 listed on Ministry of Natural Resources' Ontario Wetland Evaluation System.¹²

But the Brampton of today is dealing with a number of growth and environmental challenges that threaten that promise of One-Planet Living.¹³

Globally, a healthy, predictable environment can no longer be taken for granted. Topped by Climate Change, there is a growing list of environmental risk factors that threaten the very fabric of ecosystems and the essential services they supply.¹⁴ Taking action to address these risks is now an economic and moral imperative and everyone must do their part. Brampton can and must take the necessary steps to protect its own natural capital while reducing carbon emissions in support of Regional, Provincial, National and International targets.

Closer to home, the City is growing 2.5 times faster than the national average¹⁵, the 2nd fastest city growth rate in Canada.¹⁶

"Brampton, historically, has not sat sustainably within its natural setting – this remains one of the most profound urban challenges in our country. Cities are harsh intrusions with their host ecosystems so the way we build, service, and manage them must be reinvented with nature in mind."¹⁷

Brampton continues to consume vast tracts of land to build low density residential developments. These developments contribute to urban sprawl. They destroy natural habitat. Less tax base revenue per hectare leaves less public funds available for green-space preservation and other services like transit and libraries. Low density costs more to service and maintain than medium or higher density urban centres.¹⁸ Low density favours car-based transportation leading to clogged roads, higher pollution levels and further environmental degradation. In addition, the City struggles to find sufficient local employment for its growing population, where 60% of residents work outside the City.¹⁹ Brampton is also experiencing increasing crime.²⁰

With an expected 50% population increase to nearly one million people by 2040, the Brampton of 2040 will not be the city defined in the 2040 Vision document unless there is a dramatic change in the city's current trajectory. And, with each passing month, the city's environmental options become more limited and more expensive to implement.

¹² <http://bikebrampton.ca/2017/11/02/future-of-heart-lake-road-at/>

¹³ <https://www.bramptonguardian.com/news-story/8772779-brampton-tops-mississauga-in-moneysense-best-places-to-live-in-canada-ranking/>

¹⁴ <https://record.umich.edu/articles/most-land-based-ecosystems-worldwide-risk-due-climate-change>

¹⁵ Brampton 2040 Vision, ibid. p.20

¹⁶ http://www.brampton.ca/EN/City-Hall/meetings-agendas/City%20Council%202010/20181212cc_Agenda.pdf p.182

¹⁷ Brampton 2040 Vision, op. cit. p.21

¹⁸ <https://environmentaldefence.ca/report/report-the-high-costs-of-sprawl/>

¹⁹ Brampton 2040 Vision, op. cit. p.27

²⁰ <https://www.bramptonguardian.com/news-story/8674271-murders-up-60-per-cent-in-brampton-so-far-this-year/>

Brampton residents see the urgency for the City to start placing greater emphasis on environmental sustainability. Following Council endorsement of the Brampton 2040 Vision in the spring of 2018, the City released a public survey asking for feedback on which of the Brampton 2040 visions/themes the City of Brampton should prioritize. Sustainability and the Environment came out on top, (see Figure 2).²¹

“But shifting the trajectory of the whole city must be a massive, community-wide effort.”²²

Brampton needs the Institute for Sustainable Brampton to:

- **Coordinate** a community-wide effort
- Be the **environmental advocacy voice** that will bring balance to the economic and social voices that already exist in the City
- **Encourage** Brampton to grow as a **“Sustainable Community”** with improved quality of life including: lower crime rates, healthier populations and efficient use of valuable resources. Sustainable communities also create conditions which attract viable economic development, facilitate the preservation of natural beauty, and foster connections amongst diverse cultures.²³

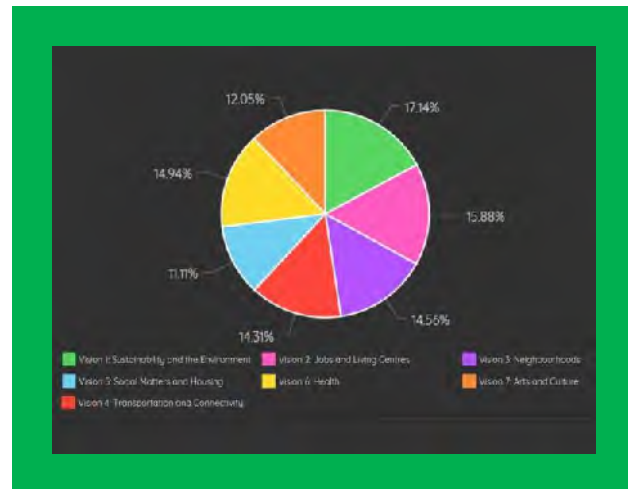


Figure 2 2040 Vision Resident Feedback Survey

3. How is the City currently doing on the Environmental Front?

In 2014, City Council passed a resolution supporting “Brampton Grow Green”; the City’s first Environmental Master Plan (EMP) and endorsed a declaration proclaiming that the City “will be a leader of environmental sustainability, as a corporation and a community.”²⁴ The plan laid out over 200 actions to be completed over 10 years with the objective of meeting defined targets across 6 environmental pillars: Air, Land, Waste, Water, Energy and People.

The City has followed through on a number of actions in the first half of the plan’s timeline. Highlights include:

- Establishment of an interdepartmental Grow Green Team to coordinate and champion EMP implementation
- Creation of the Grow Green Network to help foster collaboration between the City and environmentally focussed organizations

²¹ <http://geohub.brampton.ca/pages/brampton-2040-vision>

²² Brampton 2040 Vision, op. cit. p.22

²³ https://greenliving.lovetoknow.com/Developing_Sustainable_Communities

²⁴ <http://www.brampton.ca/EN/City-Hall/meetings-agendas/Agenda%20Packages/20140528cw.pdf> pg. 8

- Running the Eco Pledge program to encourage action and bring greater awareness of the EMP to Brampton citizens and staff
- Initiation of the all-electric bus program and solar powered bus shelters
- Establishment of Cycling Advisory Committee and achievement of Bicycle Friendly Bronze status
- Piloting grey/brown water systems in City Hall West Tower, Fire Station 212 and Springdale Library
- Development of a Sustainable Community program with design guidelines for development proposals
- Implementation of two Sustainable Neighbourhood Retrofit Action Plans (SNAP) in the City (County Court (TRCA), Fletcher's Creek (CVC))
- Development of an Energy Conservation and Demand Management Plan for City owned facilities
- Installation of 32 EV stations at 11 City owned facilities
- Installation of solar power sources at Fire Station 205, Clark and Sandalwood Transit Facility, and Gore Meadows Recreation Centre
- Launch a green printing strategy to save 500,000 sheets of paper annually
- Use of recycled asphalt in paving projects²⁵

While much has been accomplished, the City is far from meeting expectations. According to the original EMP timelines **well over 50% of planned actions should have been completed by the end of 2017**. Yet, as of May 2018, **70% remained unaddressed**.

The approved plan also called for “an annually updated 'working list' to reflect new environmentally sustainable initiatives and programs by the City and its partners”, as well as an “Annual Council Report summarizing what EMP actions were implemented over the preceding year, and direction for furthering EMP objectives over the next year.”²⁶ Despite this requirement, Council received the first EMP update only in spring 2018.²⁷ That update focussed almost entirely on accomplishments rather than on addressing the long list of past due actions.

Brampton residents deserve more balanced and realistic accountability. The Institute for Sustainable Brampton will shine a spotlight on what is and what should be happening environmentally through City Hall and will partner with and support City staff and municipal decision makers to move these goals and initiatives forward. The ISB will also become a consultative partner to City staff on aspects of the EMP implementation strategy.

4. Why can't Brampton City Hall manage Environmental Issues on behalf of residents on its own?

Too often environmental and sustainability issues are trumped by short-term political, economic and social priorities. Pollution and environmental degradation are viewed as unfortunate but necessary by-

²⁵ https://www.brampton.ca/EN/City-Hall/meetings-agendas/Committee%20of%20Council%202010/20180411cw_Agenda.pdf pg. 53

²⁶ <http://www.brampton.ca/EN/City-Hall/meetings-agendas/Agenda%20Packages/20140528cw.pdf> pg. 32

²⁷ https://www.brampton.ca/EN/City-Hall/meetings-agendas/Committee%20of%20Council%202010/20180411cw_Agenda.pdf

products of growth, progress and prosperity. Environmental preservation is perceived as “nice to have”, something that receives attention and focus only in strong economic times.

The demand for continuous economic growth means yesterday’s successes are considered failures by today’s standards. Therefore strong economies become tougher and tougher to achieve and so environmental decline continues.²⁸

Today, at the municipal level, much discussion occurs about the built environment:²⁹, where to construct the buildings; the proper mix of residential, commercial and industrial developments; where intensification will take place; the renewal of mature neighbourhoods, and the preservation of historical structures. Much discussion also takes place about driving economic growth,³⁰ reducing crime,³¹ supporting diversity³² and providing social services for those in need.³³ Environmental sustainability, on the other hand, receives little attention in comparison to its relative importance to the future of the community.

The reason for this is because there is no one organization based in Brampton looking at global environmental issues through a specific Brampton geographical lens. While the City has excellent staff working on environmental initiatives, their scope is curtailed and their capacity is severely limited. There are also environmental laws and special interest groups³⁴ that focus on specific environmental causes or topics. But there is no current organization that combines evidence-based, scientific reasoning and community based social marketing that will generate the broad and deep communal effort necessary for Brampton to become a leader in environmental sustainability and achieve the 2040 Vision of “One-Planet Living”.

The Institute for Sustainable Brampton will be that arm’s length organization to fill this role and provide the necessary balance to the economic, social and environmental equation. **This need was recognized by citizen consultation in the Brampton 2040 Vision.**³⁵

5. What will the Institute for Sustainable Brampton do?

As stated in the 2040 Vision Document:

“The prime mandate of the Institute for Sustainable Brampton over the next 25 years is to achieve ‘one-planet’ living. This is a comprehensive standard in which people enjoy happy, healthy, vibrant living within their fair share of the earth’s resources, leaving space for wildlife and wilderness. It covers the technical, business, and lifestyle aspects of carbon neutrality, zero

²⁸ <https://www.nap.edu/read/5409/chapter/16#184> Attitudes toward the Environment Twenty-five years after Earth Day, Karlyn Bowman, American Enterprise Institute for Public Policy Research

²⁹ <http://www.peelregion.ca/planning/officialplan/focus-health-env.htm>

³⁰ <http://www.brampton.ca/EN/Business/economic-development/Pages/Welcome.aspx>

³¹ <https://www.peelpolice.ca/en/index.aspx>

³² <http://www.brampton.ca/EN/City-Hall/multilingual-services/Pages/welcome.aspx>

³³ <http://www.peelregion.ca/health/>

³⁴ eg. <https://www.sierraclub.ca/en/ontario/peel> <https://www.facebook.com/BramptonBlueDot>

³⁵ Brampton 2040 Vision, op. cit. p.21

waste, circular economy solutions, clean air, water and transportation, localized food production, and renewable energy resilience. To make this real, the Institute will lead reforms in every sector of society to secure higher and higher performance. It will sponsor newly invented environmentally sustainable solutions and practices that are uniquely suitable to suburban conditions, tastes and preferences. It will do pilot projects. It will provide guidance to neighbourhood audits and new neighbourhood design. It will advocate for agriculture and natural land reserves. Being Brampton-based, the Institute will become expert in sustainability and resiliency in a suburban context. Being community based, it will offer a powerful citizen and business stewardship of the local environmental agenda. For both reasons, it will gain a national profile for its innovations.”³⁶

The implementation of the ISB will evolve over the short, medium and long-term. The 20 years to achieve the Vision of One-Planet Living will be broken into five year operating plans and priorities based on collaborative input from the partners and from continued public engagement.

6. Two Strategies for Achieving One-Planet Living

The ISB will follow two major strategies to achieve the One-Planet Living goal.

First, it will work in partnership with Brampton Board of Trade, Partners in Project Green, BILD, the City’s Economic Development Committee and The Circular Economy Leadership Coalition to develop programs to create, foster and support the local **Green (Circular) Economy**. It will identify priorities to attract green innovative companies to locate in Brampton and hire Brampton based talent. It will leverage Brampton based knowledge and showcase Brampton as a leader in green innovation and One-Planet Living.

Second, it will found the **Environmental Education Centre (EEC)** in partnership with Sheridan College, the Toronto & Region Conservation Authority and Credit Valley Conservation Authority, (the Brampton University will also be included in the partnership).

The EEC will be a place where hot topics, critical thinkers and innovative minds come together to focus on the environment and sustainability as it relates specifically to Brampton. It will measure and promote the value that ecosystem services bring to Brampton residents and businesses. It will foster awareness of existing initiatives across the City to encourage pride and participation. It will collate existing research and commission new studies. It will communicate best practices, build knowledge and inform decision making.

These two strategic foci are synergistic, highly visible elements that people can relate to. Taken together they can deliver a very powerful argument for action.

Through these two strategies, the ISB will help define environmental solutions that can be implemented in the context of economic and social progress. On the social side, for instance, it will rally public

³⁶ Brampton 2040 Vision, ibid. p.22

“Investors and other financial stakeholders are increasingly aware that environmental, social and governance (ESG) issues, previously considered “non-financial”, are relevant to the financial performance and long-term value creation potential of a business.”

*Bill O’Mara
Global Head of Audit, KPMG
International*

https://home.kpmg.com/content/dam/kpmg/campaigns/csr/pdf/CSR_Reporting_2017.pdf page 26

“There are now more jobs in renewable energy in the state of Pennsylvania than coal, natural gas, and oil combined.”

*Bill Peduto, Mayor of
Pittsburgh*

support for the creation of an Eco Park, intentionally designed and integrated with the natural heritage system, incorporating the planting of **one million trees over 20 years**. On the economic side, it will help foster and drive a **green economy** in Brampton that will attract and retain top talent and create local jobs, wealth and prosperity. The resulting prosperity will allow both the public and private sectors to increase investments in green infrastructure, green technologies and green innovation, accelerating Brampton’s leadership in One-Planet Living.

6.1.1. The Green (Circular) Economy

Focussing on the Green (Circular) Economy provides an opportunity to bring much needed employment and business opportunity to Brampton, while capitalizing on the investments made in moving the City to a leadership position as a sustainable community for One-Planet Living.

“A Green (Circular) Economy is as an alternative economic vision that generates growth and improvements in people’s lives in ways consistent with sustainable development,”³⁷ see Figure 3. The Green Economy promotes triple bottom line performance, where companies give equal weight to sustaining and advancing economic, environmental and social well-being.

It supports the use of renewable energy and clean technologies. The circular aspect refers to a regenerative system that “allows for the long life, optimal reuse, refurbishment, remanufacturing and recycling of products and materials.”³⁸

The green economy is now worth more than the fossil fuel sector, over \$4 trillion US worldwide³⁹, and more than \$3.7 billion in Canada.⁴⁰ The green economy could represent more than 7% of global capitalization by 2030.⁴¹ According to Bloomberg, clean energy is attracting **twice as much global funding as fossil fuels**.⁴²

Capital markets are recognizing the interdependencies of environmental, social and economic health and resilience, and are increasingly investing in sustainable companies and sustainable communities⁴³.

³⁷ World Resources Institute, <https://www.wri.org/blog/2011/04/qa-what-green-economy-0>

³⁸ Kraaijenhagen, Van Oppen & Bocken. 2016, Ellen MacArthur Foundation, 2016

³⁹ <http://www.climatechangenews.com/2018/06/05/green-economy-now-worth-much-fossil-fuel-sector/>

⁴⁰ <http://www.climatechangenews.com/2018/06/05/green-economy-now-worth-much-fossil-fuel-sector/>

⁴¹ <https://www.bloomberg.com/news/articles/2016-04-06/wind-and-solar-are-crushing-fossil-fuels>

⁴² <https://www.bloomberg.com/news/articles/2016-04-06/wind-and-solar-are-crushing-fossil-fuels>

The reasons are simple. Prosperous economies rely on a stream of raw materials minimally affected by natural limitation, a supply and distribution system minimally impacted by natural disasters, and a healthy, happy, and productive population acting as both workers and consumers. People are much happier, healthier and productive when they are living in and interacting with a healthy, resilient and richly biodiverse environment.⁴⁴

More and more, companies are recognizing that good environmental and social performance also leads to better profit outcomes. According to KPMG, 93% of the world's 250 largest companies use environmental sustainability as a measure of their success⁴⁵.

These “triple bottom line” (i.e. people, planet, profit) companies are considered to be the foundation of the green economy. These types of corporations tend to establish and maintain a competitive advantage over their peers because of their innovative approach which helps them see new markets, reduce costs, and better manage supply chains.⁴⁶

Because of their reliance on innovation, triple bottom line companies tend to rely on highly skilled workers and are inclined to locate where those types of workers are readily available. Highly skilled workers tend to prefer to live in cities that are walkable, bikeable, transit-oriented and with plenty of green space and available recreational options⁴⁷.

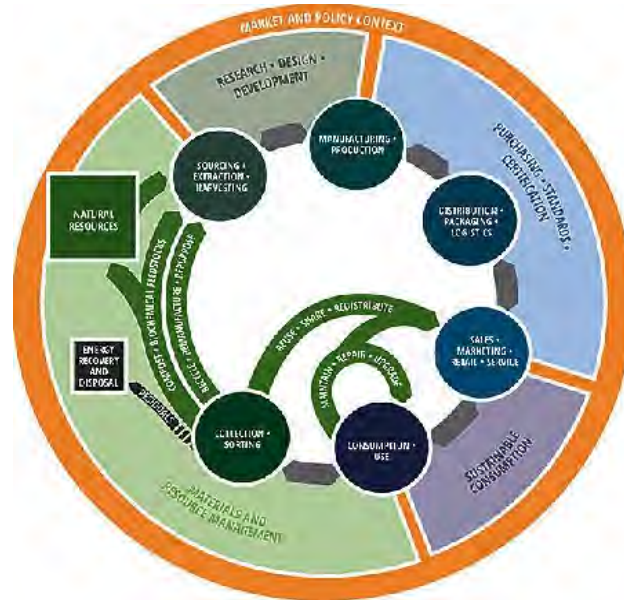


Figure 3 Circular Economy
<http://circulareconomylab.com/circular-economy-framework/>

Three examples illustrating the possibilities for Brampton's Green (Circular) Economy

1. Just Junk Brampton

Just Junk Brampton⁴⁸, is part of a Canadian franchise with a purpose of recycling and repurposing garbage and useable items that people no longer want. It aims to help the environment by reducing the amount of material that goes to landfill, increasing the reuse and recycling of useful materials and creating a viable profitable business.

⁴³ https://www.theglobeandmail.com/report-on-business/streetwise/caisse-chief-michael-sabia-has-a-new-investment-strategy/article12043360/%7B%7Burl%7D%7D/?reqid=%7B%7Brequest_id%7D%7D

⁴⁴ <https://medium.com/thrive-global/get-outside-how-nature-enhances-work-productivity-25e26386c348>

⁴⁵ https://home.kpmg.com/content/dam/kpmg/campaigns/csr/pdf/CSR_Reporting_2017.pdf page 9

⁴⁶ <http://525principle.com/is-there-a-tradeoff-between-profit-and-corporate-social-responsibility/>

⁴⁷ <https://www.thespruce.com/find-best-place-to-live-2435883>

⁴⁸ <https://justjunk.com/junk-removal-brampton>

This is a great example of a Green Economy business that is already located in Brampton. How many people in Brampton know of the company and the services they provide? What happens to the material that is currently collected?

What would it take for more businesses like Just Junk Brampton to locate here in the City? Is there an opportunity to encourage more product to be recycled locally thus creating more business and job opportunities?

2. Genecis Bioindustries

Genecis Bioindustries, is a Toronto-based cleantech startup. They have developed a process that uses specialized bacteria cultures to convert food waste into biodegradable plastic. Bioplastics can be used in a range of products including single-use packaging, mouldable plastic containers, medical tools and 3-D plastic printing filaments. Bioplastics perform as well or better than their petrochemical-based counterparts and have two significant advantages; they are carbon neutral, and they break down completely in marine environments.

Advancements in process and performance are making bioplastics cost competitive. Currently they supply about 1% of the 320 million tonnes of plastic materials produced worldwide annually. While the future success of Genecis Bioindustries is far from assured, its technical advantages have the potential to capture a significant share of the bioplastics market, which is forecasted to be \$1.7B by 2023.⁴⁹

How could Brampton create the right conditions for companies like Genecis Bioindustries to spawn and grow in Brampton rather than other parts of Ontario, Canada or the world? What if Brampton had the highest rate in the province of green bin compliance and the lowest rate of recyclable products going to landfill? What if Brampton was able to achieve this because the residents could see the connection between food waste collection, recycled products and high paying jobs?

3. Sheridan District Energy Project

Another example is the district energy plan currently being developed at Sheridan College.

District Energy is the production and supply of thermal energy. Hot water and chilled water are produced at central plants and distributed to surrounding buildings via a closed-loop underground distribution system known as a thermal grid. The thermal energy delivered to the buildings is used for space heating, domestic hot water heating and air conditioning. Buildings connected to the grid such as commercial buildings, town-houses, condominiums, hotels, sports facilities, universities, and government complexes do not need their own boiler or furnaces, chillers or air conditioners.⁵⁰ Thermal grids are way more efficient at producing and using energy than when each building has its own separate heating and cooling source.

Once a thermal grid is established, a common next step is to connect small power generation plants. Known as cogeneration or combined heat and power (CHP), the plants recover waste heat from

⁴⁹ IHS Market, a London based consulting firm

⁵⁰ <http://www.markhamdistrictenergy.com/district-energy-101/>

electricity generation. The heat is distributed in the thermal grid and the electricity is passed to the local power grid.⁵¹ CHP heat is currently generated from fossil fuel sources. The technology is evolving rapidly, however, and future systems will be able to use a renewable solar source, storing excess heat from the summer sun to heat buildings during the winter months.⁵²

District energy is not a new concept. Its origins stem from the hot water-heated baths and greenhouses of ancient Rome. Today, it is an internationally accepted method of heating, cooling and powering communities.

In some European countries, such as Denmark, participation in district energy is mandated. Municipalities can set up District Energy Plans as part of creating a District Energy Network. The Plans define standards so that the heating and cooling distribution systems for new or retrofitted buildings are designed to be connected to a future centralized energy source.⁵³

In Canada, a number of communities have operated district energy systems for many decades. In Ontario, district energy systems are currently operating in Toronto, Ottawa, London, Markham, Hamilton, Sudbury, Cornwall, and Windsor.⁵⁴

As a living laboratory, Sheridan College is in their fifth year of implementing an Integrated Energy Climate Master Plan. The plan encompasses the sustainability of the Mississauga and Brampton campuses and is aimed at achieving breakthrough GHG reductions through energy efficiency while delivering measureable and justifiable economic returns. Brampton's Davis Campus has already been configured as a local district energy network. As part of Sheridan Sustainability Mission, any new construction on campus is to be configured to be 'district energy ready'.⁵⁵

How can Brampton realize the potential of the District Energy project that is going on within its borders? What if Sheridan's District Energy campus network could be integrated into a wider municipal district heating and cooling network, as part of a strategy for Brampton to decarbonise municipal heating and hot water demands? What if that network were extended through partnerships with private sector property owners (eg. multi-unit residential buildings and seniors residences)? Could it then lead to a sustainable green energy master plan for residential, commercial and industrial communities in Brampton?

What can the ISB do to help foster the Green Economy in Brampton?

Brampton has the potential to attract innovative 21st century, triple bottom line companies looking for an educated, highly skilled workforce. Brampton already has one of the youngest workforces in the

⁵¹ <http://www.markhamdistrictenergy.com/district-energy-101/>

⁵² Seeker news <https://www.youtube.com/watch?v=AWrBzv4gVKw>

⁵³ <http://www.luluislandenergy.ca/district-energy-ready-buildings/>

⁵⁴ <http://www.markhamdistrictenergy.com/district-energy-101/>

⁵⁵ http://missionzero.sheridancollege.ca/wp-content/uploads/2015/08/report-v11oct-2_nocrops-final-version.pdf

country; with an average population age of 36.5⁵⁶ Brampton also is soon to become a University town with a focus on **STEM**: science, technology, engineering and mathematics.⁵⁷

But the 2040 Vision recognizes bringing green industry and jobs to Brampton will require a co-ordinated and competitive effort.

“...shifting the trajectory of the whole city must be a massive, community-wide effort. Civic activity will need other drivers to support it – drivers that will operate in situations not particularly accessible to the City, like corporate boardrooms and people’s private homes. The Institute for Sustainable Brampton will be an arms-length over-arching facilitator for everyone – partnering, advocating and finding new resources.”⁵⁸

Changing the trajectory means Brampton must become a recognized leader as a sustainable community in One-Planet Living. That means Brampton:

- Gives equal weight to economic, environmental and social considerations in its growth plans and strategies
- Is recognized as being committed to the highest standards of environmental stewardship
- Is ranked among the top Canadian cities for liveability with a million trees being planted, an interconnected urban park and support for walking, cycling and public transit
- Has developed a reputation for supporting companies and innovation in the Green Economy
- Has set a date and time for achieving net zero energy
- Is producing university graduates that offer companies a highly skilled workforce trained under advanced programs such as: genetic engineering, molecular biology and artificial intelligence

Virtually every plan, decision and policy must be vetted through the lens of its impact on the environment and its contribution to the Green Economy. The Institute for Sustainable Brampton will become that lens. As an organizational structure at arm’s length from the City of Brampton, the ISB can act as an independent over-arching facilitator, partner and advocate that will encourage and support actions at City Hall, as well as in corporate boardrooms and in the homes of Brampton residents.

[Institute for Sustainable Brampton] “will marshal the financial and social capital to secure the practical capacity for sustainability. It will teach, program, market and model sustainable practices. It will exemplify the truth that the future of the environment is in the hands of every single citizen – and will only be secure when every citizen acts at home and in business.”⁵⁹

The ISB will create a framework for innovation in Brampton’s Green Circular Economy through its partnerships, networks and its attention to environmentally focussed economic opportunities.

⁵⁶ <http://worldpopulationreview.com/world-cities/brampton-population/>

⁵⁷ <https://www.bramptonguardian.com/news-story/8560716--steam-ontario-government-decides-to-add-arts-to-stem/>

⁵⁸ Brampton 2040 Vision, op. cit. p.22

⁵⁹ Brampton 2040 Vision, op. cit. p.22

The ISB will promote green building projects in the City in association with the Building Institute and Land Development Association, the Canadian Green Building Council and, Morguard Real Estate.

The ISB will form specific partnerships with the **Circular Economy Leadership Coalition**.⁶⁰ Using relationships with CELC companies (eg. Loblaw, Ikea and Unilever) as well as partnerships with Sheridan / Ryerson, Partners in Project Green, Brampton Board of Trade and, the City's Economic Development Office, the ISB will look for global linkages where locally produced waste streams might provide cost effective inputs for other products or services, locally and/or globally. It will also promote **conscious consumerism** in Brampton businesses and homes, focussing on opportunities to extend product lifespans, recycling, upcycling and reducing waste.

Ontario is implementing recently enacted legislation, "Strategy for a Waste-free Ontario: Building the Circular Economy (2017)" and is working towards the goals of diverting 50% of waste from landfill by 2030 and 80% of waste from landfill by 2050.⁶¹ Peel Region is committed to diverting 75% of waste from landfill by 2034.⁶² The ISB can play an important role in advocating for and supporting further research on resource recovery as well as the promotion of businesses that would add to the circular economy in Brampton. This will encourage more companies like Just Junk Brampton to locate and grow in the City.

Through its contact with global environmental associations and relationship with Toronto Global, the ISB will help position and promote Brampton as an **environmental leader on the world stage**. Through its Environmental Education Centre (see 6.1.2), it will highlight Brampton's environmental accomplishments and engage corporations and private citizens in environmental campaigns. It will foster and support locally relevant environmental research. It will help inform academic curricula that will position graduates for local employment opportunities.

The EEC could help showcase district energy pilot projects as they are spawned in various parts of the city. Potentially all new multi-unit residential, commercial and industrial buildings in Brampton could be constructed with the ability to attach to a future district energy network leading to substantial savings in both heating costs and greenhouse gas reductions. Brampton could become a recognized leader in using district energy to meet GHG goals and, at the same time, help create green economic opportunities in the community.

All of this will attract green companies like Genecis Bioindustries to locate and grow here. Attracting Green Economy companies means Brampton can retain graduates from the higher education programs. A larger, highly skilled workforce in turn attracts more Green Economy companies. And so the cycle of success continues.

How will the ISB work with the Brampton Board of Trade (BBOT)?

As stated in the Brampton Board of Trade's Prosperity Roundtable Summary & Discussion Paper:

⁶⁰ The Circular Economy Leadership Coalition is a national not for profit coalition including corporate and NGO leaders, think tanks, and sustainability experts working to eliminate waste and accelerate the reduction of carbon emissions from the Canadian economy. <http://www.circulareconomyleaders.ca/>

⁶¹ <https://www.ontario.ca/page/strategy-waste-free-ontario-building-circular-economy>

⁶² <http://peelregion.ca/strategicplan/20-year-outcomes/waste-diversion-rate.asp>

“The future must include various businesses of all industries (healthcare, technology, manufacturing, transportation, etc.) existing in harmony, all with a focus on creating a livable, prosperous, and environmentally conscious Brampton. Only when livability rankings, business rankings, and environmental rankings consistently place Brampton at the top of their respective lists will the desired state be achieved”.⁶³

The Board of Trade recognizes the importance of Brampton being a sustainable community as it contributes to the prosperity and well-being of the Board’s business members as well as to the City’s citizens. It also recognizes the importance for Brampton to be recognized as a leader in environmental sustainability. The ISB will work in concert with BBOT, Sheridan College and the City to foster and encourage Brampton’s Green Economy, to vet economic plans and programs through an environmental lens, and to help raise Brampton’s profile as an environmental sustainability leader.

How will the ISB work with City of Brampton Economic Development?

The final version of the City’s Economic Development Master Plan was written with input from BBOT, City representatives and entrepreneurs and approved by Council this summer.⁶⁴ It highlights how Brampton plans must align with the Brampton 2040 Vision and defines five key themes for growth:⁶⁵

- Talent and workforce development and retention
- Investment by both public and private sectors (commercialization of knowledge, green investment and education), fostering sustainable economy
- Innovation and technology will drive economic growth with the City playing a major role
- Employment lands must be proactively managed and planned for by the City.
- Competitiveness must be promoted by City policies and initiatives to attract business

Each one of these themes was compared with six comparably sized cities and Brampton’s shortfalls and successes were listed. Both long and short-term goals are identified to attempt to establish Brampton as “a mosaic of vibrant centres with quality jobs, a rich range of activities, and integrated living”.⁶⁶

Although supporting Brampton’s growth as a sustainable community is not included as a growth theme, the Plan does speak to the importance of protected green space and investments in green infrastructure as part of sustainable economic growth. It also benchmarks Brampton against Oslo Norway’s 2025 plan in which that City plans to become “the world’s most sustainable and innovative municipality”.⁶⁷

While not to denigrate Norway in any way, it is the belief of the ISB task force that Brampton has more capacity than Oslo to become a world-wide sustainability and innovation leader, **if that objective were given the appropriate focus**. The ISB will network with the City’s Economic Development staff, the Economic Development Master Plan steering committee members, and elected officials to influence the

⁶³ Prosperity Roundtable Summary_Final_Feb-23 2018, Brampton Board of Trade, pg 4

⁶⁴ <http://www.brampton.ca/EN/Business/economic-development/Documents/Economic%20Development%20Master%20Plan.pdf>

⁶⁵ <http://www.brampton.ca/EN/Business/economic-development/Documents/Economic%20Development%20Master%20Plan.pdf> , page 7

⁶⁶ Brampton 2040 Vision op cit, page 27

⁶⁷ Brampton Economic Development Master Plan Draft 2018, page 15

implementation of this Master Plan to ensure that the green issues described remain visible and prioritized. Aspects of the “smart city” strategy used in Oslo (a comparably sized city) should be included in the implementation of the Economic Development Master Plan, as it highly prioritizes parks and greenspace investment, enhancing the residential livability of the City and enhancing Brampton’s reputation as a leader in One-Planet Living.

The ISB will also help raise awareness and importance of green technologies and the growth this area is seeing worldwide. It will help to ensure green technology companies are targeted. It will encourage the development of employment lands similar to the “technological hubs” in Santa Clara and San Jose, California, **which have integrated green spaces for enhancing the quality of life of employees.** The ISB will work with the City to determine and develop incentives to attract green technology companies. The ISB will draw upon expertise of BBOT members experienced in proposal writing, so Brampton companies can access provincial and federal grants for green research and start-up funding.

Once these companies have established a presence in Brampton, the ISB will partner with BBOT, Partners in Project Green and Economic Development staff to help deliver their story on the Green Economy global stage.

How will the ISB work with Partners in Project Green?

Partners in Project Green is a partnership between the Greater Toronto Airports Authority (GTAA) and Toronto & Region Conservation Authority (TRCA) to develop the Pearson Eco-Business Zone as an internationally recognized community known for its competitiveness, high-performance and eco-friendly business climate. Supported by the Region of Peel, City of Toronto, City of Brampton, City of Mississauga and York Region, Partners in Project Green is a vast community comprised of hundreds of businesses, government bodies, institutions, and utilities striving to strengthen and ‘green’ Greater Toronto Area’s economy and beyond.⁶⁸

By connecting community members, leveraging community champions, and creating unique peer-to-peer learning and collaboration opportunities, Partners in Project Green drives sustainability actions, propagates innovation, and fosters cross-industry cooperation. Based in the two largest employment areas in Canada (City of Toronto and Pearson Eco-Business Zone), Partners in Project Green benefits from growing support throughout the Greater Toronto Area, and is uniquely positioned to assess the viability and enhance adoption of important sustainability initiatives. Partners in Project Green community partners have implemented over 2,500 projects, conserved more than 1.39 billion litres of water, diverted more than 10,000 tonnes of waste, and reduced more than 117,000 tonnes of emitted CO2. Some examples of projects that were completed from 2014-2017 include:

- **Electric Vehicle Network** - Partners in Project Green worked with 17 organizations within the business community to install 132 electric vehicle charging stations across the Greater Toronto Area. Several of these installations were the first large-scale deployments of their kind in the country and participating organizations continue to be leaders in the electric vehicle infrastructure.

⁶⁸ <https://www.partnersinprojectgreen.com/>

- **Recycling Collection Drive** - Partners in Project Green supported 102 locations throughout the Greater Toronto Area by placing municipally branded textile collection bins on industrial, commercial, and institutional properties with a challenge to divert textile material. An engagement reach of 38,200 employees and local residents was established along with a diversion of approximately 20.1 tonnes from local landfill.
- **Water Efficiency Cluster** - Partners in Project Green has collaborated with five municipalities focussed on efficiency in Ontario (City of Guelph, Region of Peel, City of Toronto, Region of Waterloo, and York Region) to identify best practices and effective engagement opportunities aimed at the industrial, commercial, and institutional sector constituents of each participant municipality. The collaborative effort uncovered gaps in program design, positive engagement techniques, and ways to foster water efficiency and conservation (providing technical guidance and advisory support to small, medium, and large businesses). This effort included designing effective business cases for new and existing implementation projects, establishing a vendor network of industry specialists, and facilitating connectivity with financing and incentive programs that are offered by governmental stakeholders in Ontario.

In an effort to green our economy, Partners in Project Green would be interested in exploring opportunities with the ISB to support Brampton's business community's desire to improve its sustainability performance. City of Brampton is a founding member of Partners in Project Green and has made important contributions towards the success of Partners in Project Green programs.

6.1.2. ISB Environmental Education Centre (EEC)

"A popular objective for the Institute is to found an Environmental Education Centre to dramatically expand literacy and interest of the average person in the imperatives and potentials of sustainable urbanism."⁶⁹

The EEC will be the primary outreach arm for the Institute in four significant areas:

First, it will drive and encourage sustainability leadership based on data driven decision making. It will be a place where hot topics, critical thinkers and innovative minds come together. In consultation with the conservation authorities and academic institutions, the EEC will help ensure that decisions made by both the private and public sector in Brampton are based on the leading edge research and latest data available. It will collate existing research and spawn new studies to help build knowledge and inform decision-making. "It will sponsor newly invented environmentally sustainable solutions and practices that are uniquely suitable to suburban conditions, tastes and preferences."⁷⁰

Second, it will work to engage the public towards the One-Planet Living objective. One of the key ways the ISB can achieve this is to help people better understand the value of ecosystem services.

⁶⁹ Brampton 2040 Vision: Living the Mosaic, pg. 22

⁷⁰ Brampton 2040 Vision: Living the Mosaic, pg. 22

Ecosystem services include all of the naturally provided supports necessary to support and sustain life on this planet. They include: **provisioning services** such as food fibre and fresh water, **regulating services** such as flood and disease control, **cultural services** such as recreation, spiritual enrichment and cognitive development and **supporting services** necessary for the production of all other ecosystem services. Examples include: biomass production, atmospheric oxygen production, soil formation, nutrient cycling, water cycling and habitat provisioning.⁷¹

Ecosystem services contribute positively to property values and to resident productivity, health and well-being.⁷² The connections, however, are not always obvious and myths abound. The EEC can provide fact based arguments to help Brampton residents understand and appreciate the economic, social and cultural value of protecting and enhancing the ecosystem services that Brampton's natural capital provides. It will quantify both the intrinsic and monetary value of Brampton's ecosystem services. It will quantify impacts of proposed city, resident and employer actions on ecosystem services value. Working with academic agencies and Conservation Authorities, it can evaluate and quantify environmental risks and help both City staff and residents to justify and make better, more sustainable choices.

Third, it will partner with schools, businesses, real estate industry associations, and labour unions as well community, cultural and arts groups, to communicate that value in a context relevant to the daily lives of average Brampton residents, employees and business owners.

Fourth, it will foster awareness of existing sustainability initiatives across Brampton to encourage pride and participation. For instance, there has been a growing repair movement which has spawned more than 1,500 repair café around the world.⁷³ Repair Café, provide regular community events and workshops teaching people how to fix their broken household items. Sheridan College has been offering Repair Café events on its campus for four years and has more recently offered it jointly with Brampton Library at various library branches. The responses from the community and in particular young people have been enthusiastic. A Repair Café in conjunction with the ISB location would be able to support repair shops and train people to work in the repair field.

Being locally focussed allows the EEC to create a relationship of trust. While there is general agreement that the environment is important, there is a lack of accessible decision support tools for residents and businesses to easily **evaluate cost/benefits and risks associated with environmental features**. The EEC will work to develop and present those tools. Once developed, they could be integrated into the City's GeoHub portal

Brampton's Innovation Hub

As expressed in the Downtown Brampton University and Centre for Education, Innovation and Collaboration Economic Impact Statement:

"In September 2017, the City of Brampton hired an external consultant to consider the additional (and cumulative) benefits that would be realized through the proposed development of a new,

⁷¹ <https://www.greenfacts.org/glossary/def/ecosystem-services.htm>

⁷² <https://www.foeeurope.org/sites/default/files/biodiversity/2017/briefing-nature-health-and-equity-march-2017.pdf>

⁷³ <https://repaircafe.org>

complementary, yet stand-alone facility that would be developed near or adjacent to the City's new university campus. It is assumed that this facility, referred to as the Centre for Education, Innovation and Collaboration (CEIC), would be built by the City of Brampton for the full benefit of all Brampton area residents.

This new facility would be designed and implemented in a way that clearly articulates Brampton's ongoing commitment to life-long learning, innovation and collaboration. The facility will become a new hub for individuals, community groups, businesses and cultural organizations that understand the importance of collaborative, peer-to-peer learning and community-based partnerships.

The overarching vision for the CEIC is a facility that provides a future-ready platform for individuals and organizations to achieve productive, collaborative and deeply enriching learning experiences.

In simple terms, the CEIC would be a flexible building featuring collaborative activity zones that are functionally supported by a network of partnership-based outreach programs designed to enable individuals and groups to reach their full potential.

The intent is to create a modern reinterpretation of the public library. The CEIC would be a place where residents of all ages learn from peers and mentors. The CEIC would be a place where discussions lead to shared understanding. A place where collaboration leads to innovation. Where innovation leads to better outcomes. Where better outcomes lead to more dynamic and connected community.”⁷⁴

The ISB task force believes the goals and objectives of the EEC align well with the CEIC. Both organizations will strive to create opportunities for learning and collaboration leading to innovation. The EEC would focus this collaboration and innovation on issues of environmental sustainability. Although questions remain about funding for the CEIC, the ISB task force recommends that the concept of locating the EEC within the CEIC should be strongly considered.

Community Outreach Campaigns

A part of the vision for the EEC will be to highlight environmental initiatives and issues impacting the City of Brampton. Here are a few examples of projects that will benefit from greater public awareness:

TRCA & CVC SNAP (Sustainable Neighbourhood Action Plan)

Sustainable Neighbourhood Action Plan is a plan for climate action and urban renewal that engages neighbourhood residents, businesses, schools, and local community groups and aligns municipal priorities with prevailing neighbourhood needs and interests. SNAP addresses complex sustainability challenges in older urban areas by taking a collaborative approach to revitalization, maximizing the value of planned projects, and building community support through engagement.⁷⁵

⁷⁴ https://www.brampton.ca/EN/City-Hall/University/Documents/2017_11_08%20Downtown%20Brampton%20University%20and%20Innovation%20Hub%20-%20FINAL%20RELEASE.pdf

⁷⁵ <https://trca.ca/conservation/sustainable-neighbourhoods/>

Drawing on 50 years of sustainable city-building experience, Toronto and Region Conservation Authority (TRCA) developed SNAP to help municipalities improve efficiencies, draw strong local community support and build trust for long-term engagement, as they implement a broad range of climate change-related urban renewal initiatives in the public and private realms.

Two SNAP projects are presently underway in Brampton. Led by the local conservation authorities in partnership with City of Brampton and Region of Peel the two projects are: County Court SNAP (TRCA) and Fletchers Creek SNAP (Credit Valley Conservation (CVC)). SNAPs are priority communities needing environmental improvement, and therefore represent ideal settings for the ISB to partner in targeting on-the-ground action, pilot testing innovative solutions, and sharing knowledge at the neighbourhood scale. SNAPs also represent existing and growing neighbourhood networks through which ISB messaging will be disseminated.

SNAP projects can also encourage participation in the Green Economy including: skills training, local green jobs, and broader health and wellness. One great example is from the Black Creek SNAP in the Jane-Finch neighbourhood of Toronto, where pilot programs like ‘Harvest the Rain Residential program’ and the ‘San Romanoway Tower Revitalization’ initiative are delivering many local economic benefits.

Some successes from the San Romanoway SNAP include:⁷⁶

- 8 residents hired and 200 trained in balcony gardening
- 19 residents trained in fruit tree care certification
- 9 residents trained in horticulture certification
- 95 residents trained in urban agriculture
- 12 residents starting green social enterprise
- 146 active volunteers.

In addition to SNAP, CVC and TRCA have an abundance of existing restoration and stewardship programming suited to a wide variety of audiences available in Brampton. Examples include: Your Green Yard, Greening Corporate Grounds, Community Tree Planting, Stream of Dreams, Multicultural Outreach, Health and Wellness, and Watershed on Wheels. These programs support neighbourhood sustainability and watershed health, align with Brampton initiatives such as Grow Green, and will play an important supporting role in helping Brampton to achieve the 2040 Vision and One-Planet Living.

Flood Control Management

Climate change has increased the likelihood of more severe and frequent storms, which in turn raises the risk of flooding. TRCA and CVC Flood Risk Management programs play a key role in providing municipalities with the information they need to respond to flooding. In addition to providing information on flood risk, the TRCA and the CVC work with the Region and Municipalities on both small and large-scale flood management projects. The City’s \$250M Riverwalk is an example of project collaboration between TRCA and Brampton.⁷⁷

Working with the Conservation Authorities, the EEC will help Brampton citizens better understand the importance of “at source” storm water management and the benefits of pervious surfaces and low

⁷⁶ <https://trca.ca/conservation/sustainable-neighbourhoods/snap-neighbourhood-projects/black-creek-snap/>

⁷⁷ <http://www.brampton.ca/EN/Business/planning-development/projects-studies/riverwalk/Pages/Welcome.aspx>

impact development on residential and commercial properties. As the City of Brampton explores new means of storm-water financing, the ISB can play an important supporting and complementary role in educating property owners about low impact development and its environmental and financial benefits.

Certified Building Standards

Buildings are one of the largest contributors to GHG emissions.⁷⁸ Improving their energy efficiency therefore is an effective way of combatting climate change.

According to the Green Buildings Information Gateway⁷⁹ there are 76 locations in Brampton that are certified to either LEED or BOMA standards.

LEED (Leadership in Energy and Environmental Design) is an internationally recognized green building certification system, developed by the US Green Building Association. LEED provides third-party verification that a building or community was designed and built using strategies aimed at improving performance across all the metrics that matter most: energy savings, water efficiency, CO2 emissions reduction, improved indoor environmental quality, and stewardship of resources and sensitivity to their impacts.⁸⁰ The City of Brampton has 11 buildings that are either LEED certified or on their way to becoming certified.⁸¹

BOMA BEST Sustainable Buildings certification recognizes excellence in energy and environmental management and performance in commercial real estate. The Program is managed by the Building Owners and Managers Association of Canada (BOMA Canada) and is delivered by the eleven Local BOMA Associations throughout Canada.⁸²

To combat climate change, more developers must be encouraged to build energy efficient buildings or retrofit existing ones. The slightly higher initial capital cost is more than offset in reduced operating expenses during the building's life span. Further, occupants of buildings built to these standards have been shown to be healthier, happier and more productive.⁸³ More and more commercial enterprises view these types of buildings favourably when considering new real estate options.

How many Brampton citizens know about building energy certification or understand why they should care? How many home buyers or businesses owners understand why they should place energy efficiency high on their list of requirements? The EEC will help in this education and stimulate additional demand for energy efficient investments.

Brampton Blue Dot

A group of local volunteers supported by the David Suzuki Foundation has been working at the Municipal, Provincial and Federal government levels with the goal of having the inherent rights of

⁷⁸ https://media.assets.eco.on.ca/web/2016/11/2016-Annual-GHG-Report_Chapter-2.pdf pg. 3

⁷⁹ <http://www.gbig.org/places/26974>

⁸⁰ <http://www.bu.edu/sustainability/what-were-doing/green-buildings/leed/>

⁸¹ <http://www.brampton.ca/EN/residents/GrowGreen/Pages/Energy.aspx>

⁸² <http://bomacanada.ca/bomabest/aboutbomabest/>

⁸³ <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1892106/>

Canadians to *Clean Air, Clean Water and a Healthy Environment* recognized in an Environmental Bill of Rights.⁸⁴ Blue Dot has become a national movement with support from over 100,000 Canadians. In the fall of 2016, Brampton Council joined with over 150 Municipalities across Canada which have passed resolutions in support of the movement.^{85 86}

The ISB will help educate the citizens of Brampton on the benefits of a formal recognition of environmental rights, and the positive impact that recognition would have for current and future generations of Canadians. It will also help fulfill the intentions of the Bill of Rights by moving the City along the path towards One-Planet Living.

Bike to School Week

Cars and trucks account for one third of Ontario's Greenhouse gas emissions.⁸⁷ One quarter of all transportation trips in Peel Region result from parents transporting children to or from school.⁸⁸

Metrolinx supports incentive programs designed to change transportation habits in the Province. Bike to School Week (BTSW) is one such program that continues to grow in popularity each year. 2018 was particularly successful with student cycling rates almost doubling to 7.3% of trips taken.⁸⁹

Peel Region has done a very good job in supporting the Bike to School Week program by providing incentives to schools which run a BTSW event. 165 Peel schools participated in BTSW 2018, the highest number of schools of any region in the GTHA, including Toronto. 165 schools represent about 40% of schools in Peel. There is still room for growth and the ISB will help bring awareness to the program and help maintain momentum for active school travel throughout the school year⁹⁰.

Invasive Species Brings Risk to Brampton's Natural Heritage System

Brampton's natural heritage system provides habitat that supports a diverse range of native plants and animals while providing ecosystem services crucial to the well-being and quality of life enjoyed by Brampton residents.⁹¹

Invasive Species are a rapidly growing challenge to the health of our natural environment. For example, Emerald Ash Borer (EAB) is an invasive species of beetle which feeds exclusively on ash trees. The larvae burrow under the bark of the trees and feed there, causing extensive damage leading to the death of the tree within a few years.⁹²

⁸⁴ <https://www.facebook.com/BramptonBlueDot/>

⁸⁵ <https://davidsuzuki.org/project/blue-dot-movement/>

⁸⁶ <https://www.bramptonguardian.com/news-story/6927094-brampton-signs-on-to-blue-dot-movement-on-environmental-rights/>

⁸⁷ <https://www.ontario.ca/page/ontarios-climate-change-update-2014>

⁸⁸ http://walkandrollpeel.ca/projects/sts/index.htm?_ga=2.13538295.1378366237.1545088121-1549875347.1500645380

⁸⁹ http://dmg.utoronto.ca/pdf/tts/2016/2016TTS_Summaries_Peel_Wards.pdf

⁹⁰ <http://www.walkandrollpeel.ca/projects/schools.htm>

⁹¹ City of Brampton - Grow Green Environmental Master Plan

⁹² City of Brampton - Parks and Forestry

We are seeing many invasive plants along roadsides, in our parks and neighbourhoods (eg. Giant hogweed, Phragmites, European buckthorn, Dog-strangling vine, Garlic mustard). Invasive plants lack natural predators, grow aggressively, reproduce rapidly, are difficult to eradicate, and out-compete native species. The presence of invasive plants can mean less food and shelter for wildlife dependent on native plants, and often result in decreased biodiversity.⁹³

The City and the Conservation Authorities have invasive species management plans for their lands. The EEC can focus on actions that the public, business, and institutions can do on their lands that would complement being taken by the City and the Conservation Authorities' plans to create a coordinated invasive species management plan. The ISB will also be available to gather current information, inventories and best practices, and to collaborate as stakeholder that would assist the City, the Region and the Conservation Authorities in the continued development of their respective plans.

7. What will the Organizational Structure of the ISB look like?

It is envisioned that the Institute for Sustainable Brampton will be an, "arm's length over-arching facilitator"⁹⁴, led by "influential environmental, corporate and civic leaders, assisted by civic administration and the Brampton Environmental Advisory Committee"⁹⁵. It will **partner, advocate, find** new resources, **teach, program, market** and **model** sustainable practices.

*"It will exemplify the truth that the future of the environment is in the hands of every single citizen – and will only be secure when every citizen acts at home and in business."*⁹⁶

The ISB Task Force reviewed three citizen-based environmentally focussed organizations in other jurisdictions, as examples for modelling the ISB organizational structure.

- Clean Air Partnership
- Toronto Environmental Alliance
- Burlington Green

From that review, the task force recommends the following:

Organizational Model

- Indirect partnership with the City, at arm's length to maintain independence
- Limited direct partnerships with Sheridan College and other Brampton-based advanced education institutions, (Algoma University, Ryerson University)
- Affiliation with Partners in Project Green, TRCA, CVC, labour unions and other environmental groups
- Set up as a charitable not-for-profit organization that will allow for individual tax refundable donations

⁹³ Credit Valley Conservation Authority

⁹⁴ Brampton 2040 Vision, *ibid.*

⁹⁵ Brampton 2040 Vision, *ibid.*

⁹⁶ Brampton 2040 Vision, *ibid.* p.22

The ISB Board will be made up of key stakeholders including:

- Sheridan / Ryerson
- BEAC Co-chairs
- Conservation Authority (TRCA and CVC) representation
- Brampton Environmental Planning staff
- City of Brampton/Region of Peel Council
- Brampton Board of Trade
- Brampton Resident Associations (including leaders of social media neighbourhood groups)

How will the Institute for Sustainable Brampton be Funded?

Several funding approaches will be used to finance the set up and on-going expenses for the ISB. Most granting agencies offer funds only to incorporated not-for-profit organizations or CRA registered charities. Seed money will have to be raised first to pay for incorporation expenses, recruit and set up a temporary board and bring on an interim executive team with a combination of paid and volunteer staff.

Seed money sources will include:

- Membership drive
- Community Fundraising activities
- City of Brampton grant (funds could be requested through Federation of Canadian Municipalities (FCM) Green Municipal Fund)
- Corporate sponsorship grant
- Insurance company grant

On-going funding will come from:

- Memberships and Donations (Individuals, Community Groups, Not-for-profit organizations, Corporations)
- Community Foundation Grants (eg. Akran, Aviva, F.K. Morrow, Ivey Foundation, J.P. Bickell Foundation, etc.)
- Government Grants (Government of Canada – Climate Action Fund)
- Corporate Foundation Grants (Cascades, TD – Friends of the Environment)
- Environmental Foundations (Tides Canada)
- Insurance Companies and associated organizations (Intact Centre for Climate Adaptation)
- Local Utility Companies

Membership funding has the advantage of providing the ISB with legitimacy and gives the Institute a louder participant voice in the decision making because it represents the opinions of Brampton citizens on matters related to environmental sustainability.

The ISB will be eligible to receive funding from sources not accessible to the City of Brampton, due to its not-for-profit corporate structure.

Summary

Brampton is a large and fast growing City that, like many cities in the developed world, struggles with maintaining a balance amongst the interdependent forces of economic growth, social health and environmental sustainability.

“Make no mistake, Brampton is at a turning point from being a comfortable suburban community, to becoming over the next 20+ years a big city more complete in all ways, more competitive in all ways, more important in all ways, but also more vulnerable in all ways to the big-city challenges that exist throughout our culture. How it tackles this growth and change is as important as what form that change takes.”⁹⁷

The Institute for Sustainable Brampton will significantly contribute to the necessary balance and change of trajectory. It will do that by raising the awareness of the contribution of ecosystem services to the health and well-being of Brampton residents and businesses, and by facilitating the development of the Green (Circular) Economy that will lead to economic growth and the creation of good, well-paying jobs. At the same time it will lower Brampton’s environmental footprint. The ISB will bring together residents, employers, employees and partner organizations, all with a common purpose to create a sustainable future for our community. Brampton will become a recognized leader as a sustainable community. Brampton will be a community that achieves One-Planet Living by 2040.

Next Steps

The intent of this white paper is to create dialogue and a list of prioritized actions. This white paper will be disseminated widely to stakeholders and potential funders. When a commitment to basic funding has been secured, the task force will work to define the interim board, create the corporate entity, finalize seed funding arrangements, and define standard operating procedures.

The first task of the interim board will be to hire an interim executive team and commission the first five-year operating plan.

In soliciting feedback to this document, the concept of the ISB must be viewed through all five lenses of the 2040 Vision⁹⁸.

Public Engagement: The ISB will involve corporate, interest and cultural groups in a systematic and inclusive way.

Collaboration: The ISB will collaborate and share decision-making with the City and other key stakeholders.

Design: The ISB will take its design cue from the beauty of the natural world and look for ways to incorporate that beauty into the urban mosaic.

⁹⁷ Brampton 2040 Vision, op. cit. p.12

⁹⁸ Brampton 2040 Vision, op. cit. pgs. 13-17

Technology: The ISB will embrace innovation and new technologies as it encourages the City towards One-Planet Living

Identity: The ISB will help the City achieve a unique identity that embraces its strengths and allows it to achieve true leadership as a sustainable community.

Please provide your feedback by email to: david@daylelaing.com



Jan 25, 2019

City of Brampton
2 Wellington Street
Brampton, Ontario
L6Y4R2

Attn: Mayor Brown and Council

Re: Support for the Institute for Sustainable Brampton

As a resident of Brampton and business owner, I believe it is essential to invest in making our local economy fit for the future, and as such my organizations support sustainable development in Brampton outlined in the 2040 Vision document. This is essential for our long-term prosperity and the wellbeing of generations to come. The Institute for a Sustainable Brampton (ISB) was identified as a critical component of the Brampton 2040 Plan. It will play a leading role in developing the Sustainable Development Goals (SDG) and helping the City of Brampton adopt them. The ISB will be essential in keeping these ideals at the forefront of Municipal decisions.

Businesses understand that we need to take responsibility and work with the all levels of Government to ensure that SDGs are delivered. This can only happen if environmental concerns remain a priority at City Hall. The dedicated members of the ISB will hold us all accountable, so we need to support this organization.

Sustainable development will create jobs, increase competitiveness and promote wellbeing of the residents of Brampton. We encourage the City of Brampton to support the ISB, and clearly demonstrate to businesses your commitment to deliver the 2040 Vision. Together we can build a greener, sustainable and more prosperous Brampton.

A handwritten signature in black ink, appearing to read "S. Kirby", is written over a faint, light blue circular stamp.

Steven Kirby
M.Sc. Chemistry
President ALPHA-1 Laboratory Solutions (Etobicoke)
Director Jacklyn Industries (Brampton)
Director Solutions Water Management (Calgary)



January 25, 2019

Re: Institute for Sustainable Brampton

To whom it may concern:

I am writing to confirm that BikeBrampton supports the creation of the Institute for Sustainable Brampton (ISB) and for the proposed approach as outlined in the January 2019 white paper prepared by the ISB Task Force.

BikeBrampton is a group of volunteers who encourage, promote and advocate for increased safe transportation and recreation cycling in Brampton. Members participated on the ISB Task Force, in workshops for Brampton's 2040 Vision, and have discussed and supported creation of the ISB in their monthly meetings. The white paper was blog-posted on BikeBrampton.ca.

Brampton's 2040 Vision: Living the Mosaic, envisions Brampton as a sustainable community that offers a bright and prosperous future for its residents, socially and economically with "its people acting as environmental stewards – targeting 'one-planet' living".

Cycling is integral to making use of the 2040 Vision's "*interconnected green park network*" with complete streets to provide a sustainable method of moving people within and beyond the urban city. [One-planet living's principle](#) for "reducing the need to travel, and encouraging walking, cycling and low carbon transport" is in keeping with BikeBrampton's "*Biking in Brampton builds our Community*".

BikeBrampton supports the strategy outlined in the ISB Task Force white paper which provides a sound argument for the urgency of creating the ISB and provides a high-level plan to move the concept closer to implementation. BikeBrampton appreciates that it combines a focus on economic prosperity through encouraging the Green Economy, while supporting enhancements and extensions to the City's natural heritage and natural capital. Overall, we support this initiative and want to be a part of it moving forward.

Specifically we are prepared to offer support in the following ways: BikeBrampton can provide volunteers for committees, events, and promotion.

Sincerely,

David Laing, BikeBrampton Chair



January 24, 2019

Re: Institute for Sustainable Brampton

To whom it may concern:

I would like to add the voice of Brampton Blue Dot to the chorus of organizations that support the creation of an Institute for Sustainable Brampton (ISB) as outlined in the January 2019 white paper prepared by the ISB Task Force.

In hundreds of interactions with citizens of Brampton, our group has heard repeatedly that the City of Brampton needs to show continued environmental leadership in order to achieve an ecologically sustainable future.

After having reviewed the white paper, we believe that the creation of an Institute for Sustainable Brampton would be a critical step in enabling that future. Brampton Blue Dot supports this initiative and we want to contribute our support, time and energy to ensuring its creation.

Specifically, we will participate in any public consultations, delegations to council, town halls, talks with community groups and any other activities that advance the cause.

Regards,

James Linn
Government Relations Lead
Brampton Blue Dot



**Credit Valley
Conservation**
inspired by nature

January 25, 2019

Re: "Institute for Sustainable Brampton: Building the case for a sustainability institute in Brampton. Why we need it. What it would do. How it would run."

Credit Valley Conservation (CVC) is a community-based environmental organization, dedicated to protecting, restoring and managing the natural resources of the Credit River Watershed. Established by the provincial government in 1954, CVC is one of 36 Conservation Authorities in Ontario. As the primary scientific authority for the watershed, CVC works in partnership with municipal governments, schools, businesses and community organizations to deliver locally-based programs to achieve our vision of "a thriving environment that protects, connects, and sustains us."

Credit Valley Conservation and the City of Brampton have a deep inter-agency relationship concerning sustainability issues that dates to the 1950s, including many staff working collaboratively at many levels, and a legacy of Brampton Councillors that have been members of the Credit Valley Conservation Board of Directors. CVC also works closely with the Toronto and Region Conservation Authority to deliver programs and services across the City. As such, CVC is offering support to the City of Brampton in any Council-approved initiatives surrounding the proposed Institute for Sustainable Brampton.

CVC has been engaged as a stakeholder in the development of *Brampton 2040 Vision: Living the Mosaic*. As council and staff proceed in implementing *Brampton 2040 Vision*, CVC will continue to work closely with the City, TRCA, and the Institute for Sustainable Brampton Task Force to further the collaborative discussion around this initiative and develop workplans that ensure CVC's programs are aligned, complimentary, and adding value to the Institute for Sustainable Brampton and the City.

CVC values our strong, collaborative, ongoing partnership with the City of Brampton, and is committed to working together to further sustainability and resilience in Brampton into the future.

Sincerely,

Mike Puddister,
Deputy CAO and Director of Watershed Transformation
Credit Valley Conservation



January 23, 2019

Dear David,

Re: Institute for Sustainable Brampton

The Toronto and Region Conservation Authority (TRCA) is a local watershed management agency whose jurisdiction covers part of the City of Brampton ("the City"). TRCA holds a variety of responsibilities related to flood mitigation and natural heritage protection, management and restoration and also offers services and support to partner municipalities, including the City and the Region of Peel, to assist in mitigating and adapting to climate change. As such, TRCA would be happy to offer support to the City of Brampton in any Council-approved initiatives surrounding the proposed Institute for Sustainable Brampton ("the ISB").

TRCA has supported and participated in the City-led work surrounding the development of *Brampton 2040 Vision: Living the Mosaic*, including the extensive public consultation that was undertaken and the concept of the ISB, which arose from this process. TRCA has long worked with the City on multiple climate change and sustainability initiatives that support residents and businesses, including Partners in Project Green, SNAP (Sustainable Neighbourhood Action Program) and Ontario Climate Consortium. TRCA also continues to work in tandem with both City staff and Credit Valley Conservation to deliver and facilitate projects and programs across Brampton. As such, if the development of the ISB is approved by Council, TRCA is happy to work with the City and the ISB to support the evolution of the ISB work plan and ensure that the programs and initiatives of the two organizations occur in a complementary and seamless manner. TRCA is also intrigued by the opportunities that the ISB could offer to engage the residents, businesses and stakeholders of Brampton in sustainability initiatives and would be pleased to explore any opportunities for the two organizations to jointly build upon the foundation laid by TRCA.

TRCA remains committed to working as a partner to the City and collaborating with the ISB to grow a sustainable and resilient Brampton.

Thank you,

A handwritten signature in black ink, appearing to read "Sharma", with a stylized flourish underneath.

Chandra Sharma, MCIP RPP
 Director
 Watershed Strategies

T: 416.661.6600 ext. 5237

F: 416.661.6898

E: chandra.sharma@trca.on.ca

A: 101 Exchange Avenue, Vaughan, ON L4K 5R6



BRAMPTON
Flower City

Chief Administrative Office
City Clerk

Delegation Request

For Office Use Only:

Meeting Name:

Meeting Date:

Please complete this form for your request to delegate to Council or Committee on a matter where a decision of the Council may be required. Delegations at Council meetings are generally limited to agenda business published with the meeting agenda. Delegations at Committee meetings can relate to new business within the jurisdiction and authority of the City and/or Committee or agenda business published with the meeting agenda. **All delegations are limited to five (5) minutes.**

Attention: City Clerk's Office, City of Brampton, 2 Wellington Street West, Brampton ON L6Y 4R2

Email: cityclerksoffice@brampton.ca Telephone: (905) 874-2100 Fax: (905) 874-2119

Meeting: ☐ City Council ☐ Planning and Development Committee
☐ Committee of Council ☐ Other Committee:

Meeting Date Requested:

Agenda Item (if applicable):

Name of Individual(s):

Position/Title:

Organization/Person
being represented:

Full Address for Contact:

Telephone:

Email:

Subject Matter
to be Discussed:

Action
Requested:

A formal presentation will accompany my delegation: ☐ Yes ☐ No

Presentation format: ☐ PowerPoint File (.ppt) ☐ Adobe File or equivalent (.pdf)
☐ Picture File (.jpg) ☐ Video File (.avi, .mpg)

☐ Other:

Additional printed information/materials will be distributed with my delegation: ☐ Yes ☐ No ☐ Attached

Note: Delegates are requested to provide to the City Clerk's Office **well in advance of the meeting date:**

- (i) 25 copies of all background material and/or presentations for publication with the meeting agenda and /or distribution at the meeting, and
- (ii) the electronic file of the presentation to ensure compatibility with corporate equipment.

Once this completed form is received by the City Clerk's Office, you will be contacted to confirm your placement on the appropriate meeting agenda.

Personal information on this form is collected under authority of the Municipal Act, SO 2001, c.25 and/or the Planning Act, R.S.O. 1990, c.P.13 and will be used in the preparation of the applicable council/committee agenda and will be attached to the agenda and publicly available at the meeting and on the City's website. Questions about the collection of personal information should be directed to the Deputy City Clerk, Council and Administrative Services, 2 Wellington Street West, Brampton, Ontario, L6Y 4R2, tel. 905-874-2115.



BRAMPTON
Flower City

Chief Administrative Office
City Clerk

Delegation Request

For Office Use Only:
Meeting Name:
Meeting Date:

Please complete this form for your request to delegate to Council or Committee on a matter where a decision of the Council may be required. Delegations at Council meetings are generally limited to agenda business published with the meeting agenda. Delegations at Committee meetings can relate to new business within the jurisdiction and authority of the City and/or Committee or agenda business published with the meeting agenda. **All delegations are limited to five (5) minutes.**

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Email: cityclerksoffice@brampton.ca Telephone: (905) 874-2100 Fax: (905) 874-2119

Meeting: ☐ City Council ☐ Planning and Development Committee
☐ Committee of Council ☐ Other Committee:

Meeting Date Requested: Agenda Item (if applicable):

Name of Individual(s):

Position/Title:

Organization/Person being represented:

Full Address for Contact: Telephone:
Email:

Subject Matter to be Discussed:	<input type="text"/>
Action Requested:	<input type="text"/>

A formal presentation will accompany my delegation: ☐ Yes ☐ No

Presentation format: ☐ PowerPoint File (.ppt) ☐ Adobe File or equivalent (.pdf)
☐ Picture File (.jpg) ☐ Video File (.avi, .mpg) ☐ Other:

Additional printed information/materials will be distributed with my delegation: ☐ Yes ☐ No ☐ Attached

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Date: 2019-01-02

Subject: **Request for Budget Amendment
 Capital Project # 195860 - Developer Reimbursements for the
 Development of Park Block 79 in the Ashley Oaks Homes Inc. Development in Riverview Heights, File C05W01.005, Registered Plan 43M-2002 (Ward 6) and Improvements to the existing Lougheed Park as part of the adjacent Brampton West 1-2 Limited Development in the Mahogany Subdivision, File T03W15.012, Registered Plan 43M-2049 (Ward 6)**

Contact: Werner Kuemmling, Manager
 Open Space Development
 Public Works and Engineering
 (905) 874-2334
 werner.kuemmling@brampton.ca

Recommendations:

1. That the report from Werner Kuemmling, Manager, Open Space Development, Public Works and Engineering Department, dated January 2, 2019, to the Committee of Council Meeting of February 13, 2019, re: **Request for Budget Amendment – Capital Project # 195860 – Developer Reimbursements for the Development of Park Block 79 in the Ashley Oaks Homes Inc. Development in Riverview Heights, File C05W01.005, Registered Plan 43M-2002 (Ward 6) and Improvements to the existing Lougheed Park as part of the adjacent Brampton West 1-2 Limited Development in the Mahogany Subdivision, File T03W15.012, Registered Plan 43M-2049 (Ward 6)**, be received: and,
2. That a budget amendment be approved for Project #195860 - Neighbourhood Parks in the amount of \$400,000, with funding of \$360,000 to be transferred from Reserve #134 – DC: Recreation and \$40,000 from Reserve #78 – 10% Non-DC, to allow staff to compensate the two developers for completing the respective park developments on the City's behalf, as summarized in Schedule D of the respective Subdivision Agreements.

8.2.1-2

Overview:

- **Ashley Oaks Homes Inc. is developing a plan of subdivision in the Riverview Heights development area, (Registered Plan 43M-2002, Ward 6), which contains Park Block 79.**
- **Brampton West 1-2 Developments is developing a plan of subdivision in the Mahogany subdivision area, (Registered Plan 43M-2049, Ward 6). As per the Subdivision Agreement, Brampton West 1-2 is upgrading the adjacent existing Loughheed Park to newer standards with additional play and recreational components.**
- **In accordance with ‘Schedule D’ of the approved Subdivision Agreements, the developers are entitled to reimbursement from the City of Brampton for the agreed upon cost of developing the respective park blocks.**
- **The developers have satisfied the requirements that must be met before the City can issue payments for the construction of the two park blocks.**
- **This report recommends that Council authorize a budget amendment of \$400,000 with funds transferred from Reserve #134 - DC: Recreation, and from Reserve #78 – 10% Non-DC, to Project accounts 195860-002 and 195860-003 to facilitate payments to the two developers.**

Background:

When a new subdivision contains a park, the park is typically constructed by the developer. Construction drawings are prepared by the developer's landscape consultant and approved by the City's Open Space Development Section (Public Works and Engineering Department). The developer is entitled to compensation for the cost of the park's development through Development Charges collected. This is detailed in 'Schedule D' of the Subdivision Agreement for the plan. Funding for the reimbursement comes from Reserve #134 - DC: Recreation, and from Reserve #78 – 10% Non-DC. Funding for the reimbursement must be approved by Council before payment for the completed works can be processed.

Current Situation:

Through their respective Subdivision Agreements, the developers, Ashley Oaks Homes Inc. and Brampton West 1-2 Limited, were required to construct or upgrade the neighbourhood park related to their respective developments.

8.2.1-3

As per the conditions contained in 'Schedule D' of the Subdivision Agreements, payment to the developers for the construction of parks is required when the following conditions have been met:

1. "Performance Acceptance" by the City for the constructed trail or park;
2. Publication of Substantial Performance and passing of the 45-day holdback period specified under the Construction Lien Act;
3. The City has ownership of the park block with clear title; and
4. Approval of the City cost in the capital budget.

In each case, the first three conditions listed above have been satisfied by the respective applicant. This report is intended to complete the City's obligation with respect to the fourth condition above, as the City has received invoices requesting payment for the completed works. These invoices include the amounts that appear in the respective Subdivision Agreements plus any applicable change orders approved by the City which cover the incremental costs of providing additional park amenities deemed necessary by the City, subsequent to the signing of the Subdivision Agreements.

The details of the requested reimbursement are provided for each applicant below:

Ashley Oaks Homes Inc. Park Block 79 in Riverview Heights, Registered Plan 43M-2002, located along Prairie Creek Crescent. (Refer to Appendices A and B)

The City has received an invoice from the developer, dated November 8, 2018, requesting payment for the completed works in Park Block 79. This invoice, in the amount of \$297,657.96 (H.S.T. included) is 2.6 % below the agreed-upon amount that appears in the Subdivision Agreement (\$305,737.38), as shown in Appendix B.

Improvements to Lougheed Park adjacent to the Brampton West 1-2 Development, Registered Plan 43M-2049, located along Clementine Drive. (Refer to Appendices C and D)

The City received an invoice from the developer on December 10, 2018 requesting payment for the completed works in Lougheed Park. This invoice, in the amount of \$101,895.86 (H.S.T. included), matches the amount that appears in the Subdivision Agreement (as shown in Appendix D).

8.2.1-4

Corporate Implications:

Financial Implications:

The City has received Developer reimbursement invoices as per 'Schedule D' of Subdivision Agreements. Therefore, a budget amendment will be required to increase capital project 195860 in the amount of \$400,000 as shown in the table below, with \$360,000 funding to be transferred from Reserve #134 – DC: Recreation and \$40,000 transferred from Reserve #78 – 10% Non-DC.

Project #	Developer/Parks	Budget Amendment
195860-002	Ashley Oaks Homes Inc., Park Block 79	\$298,000
195860-003	Brampton West 1-2 Limited, Loughheed Park Improvements	\$102,000

Sufficient funding is available in both Reserve Fund #134 and Reserve Fund #78 for this initiative.

Strategic Plan:

This report achieves the Strategic Plan priorities of Smart Growth and Strong Communities by supporting sustainable growth and to build a city with vibrant and connected communities for people to live, work and play.

Living the Mosaic – 2040 Vision:

This report supports the following 2040 Visions:

- Vision 1: Sustainability and the Environment, as parks are major environmental features which contribute to sustainability.
- Vision 3: Complete Neighbourhoods, as parks are key components of a complete, balanced neighbourhood.
- Vision 6: Health, as parks promote a healthier lifestyle through outdoor and physical activities.

8.2.1-5

Conclusion:

As part of their respective subdivision agreements, Ashley Oaks Homes Inc. and Brampton West 1-2 Limited have completed the park works in their respective developments to the satisfaction of the City. Therefore, staff recommends that the 2019 Capital Budget be amended to allow the City to meet its obligation to pay amounts owed to the two developers.

Original approved by:

Original approved by:

Werner Kuemmling
Manager
Open Space Development

Michael Won
Director
Environment & Development
Engineering

Attachments:

Appendix A: Location Map, Park Block 79, Ashley Oaks Homes Inc.

Appendix B: Excerpt from Schedule D of the Subdivision Agreement for Ashley Oaks Homes Inc.

Appendix C: Location Map, Loughheed Park, Brampton West 1-2 Limited.

Appendix D: Excerpt from Schedule D of the Subdivision Agreement for Brampton West 1-2 Limited

Report authored by: Werner Kuemmling

APPENDIX A:

Location Map, Park Block 79

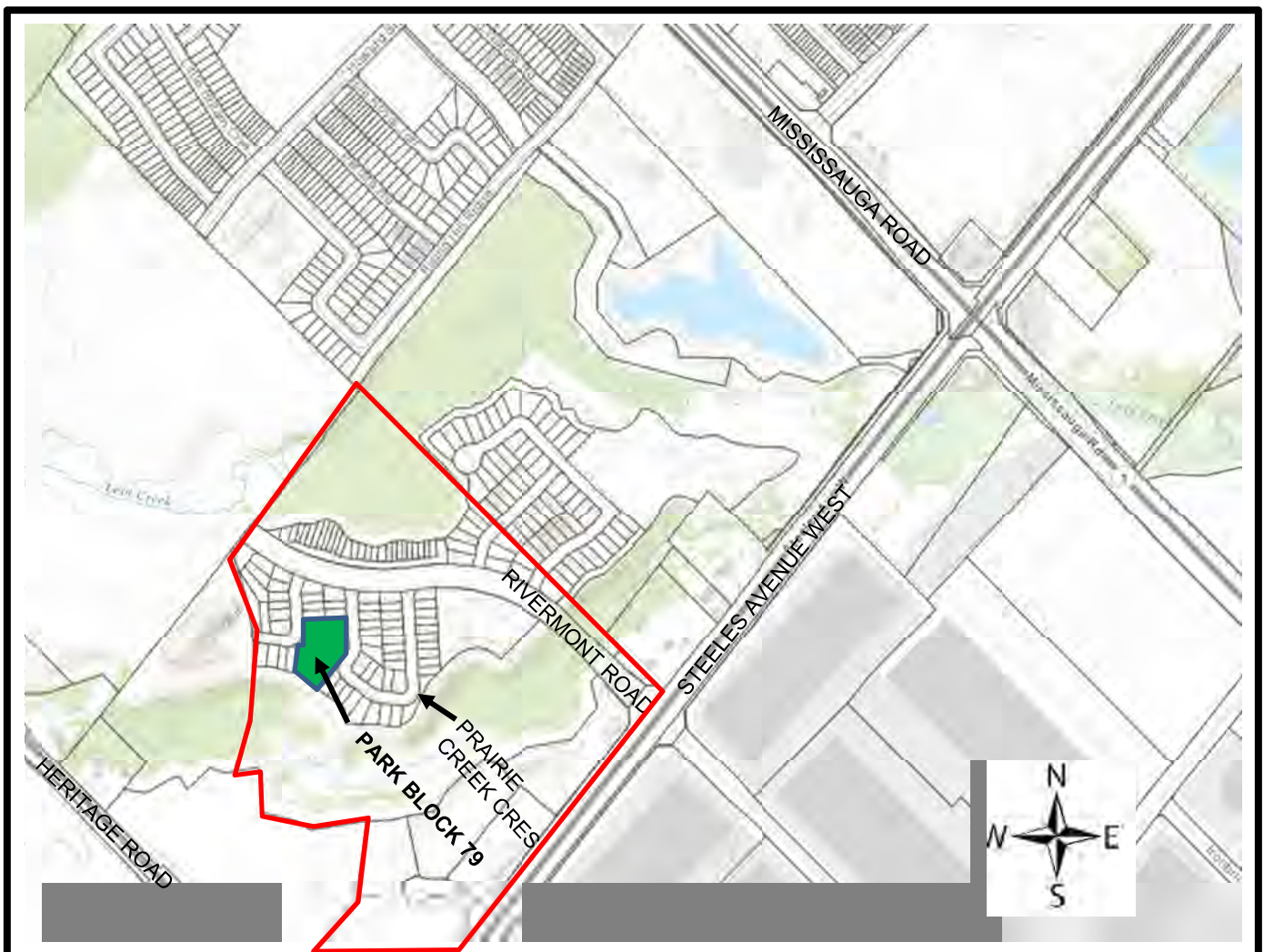
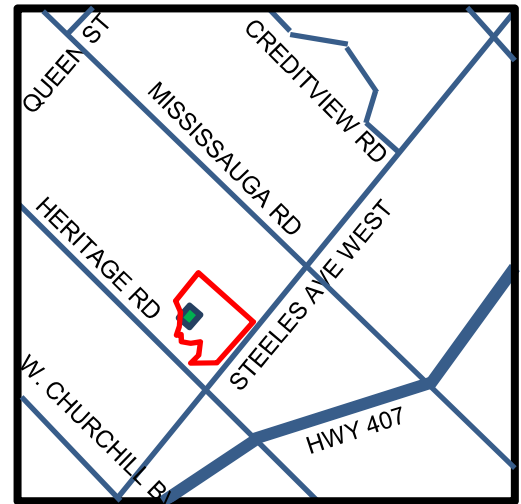
Ashley Oaks Homes Inc.



LIMIT OF DEVELOPMENT



PARK BLOCK 79



Appendix B:

Excerpt from Schedule D of the Subdivision Agreement for Ashley Oaks Homes Inc.

SCHEDULE D**4. SPECIAL PARKLAND REQUIREMENTS**

The Developer and the City agree that the following is a description of the City's works, which the City has requested the Developer to install at the City's cost in accordance with Section 11.

4.1 City's Park Block (Block 79)

- Topsoil stripping and rough grading
- Catch basins and storm sewers
- Topsoil supply, spreading, fine grading, topsoil amendments, sodding and planting
- Asphalt pathways & hard surfacing
- Walkway lighting
- Play areas complete with concrete edging, play surface, play structure and swings
- Construction hoarding / tree preservation fencing
- Site furniture

4.2 Cost of Work and Payment Schedule

4.2.1 The total City Cost of Park Block 79 shall not exceed \$ 305,737.45 including H.S.T.

4.2.2 Payment subject to a) Performance Acceptance by the City, b) publication of Substantial Performance and passing of the 45 day holdback period specified under the Construction Lien Act, c) Clear title of the property, and d) approval of the City cost by the City in its capital budget.

APPENDIX C:

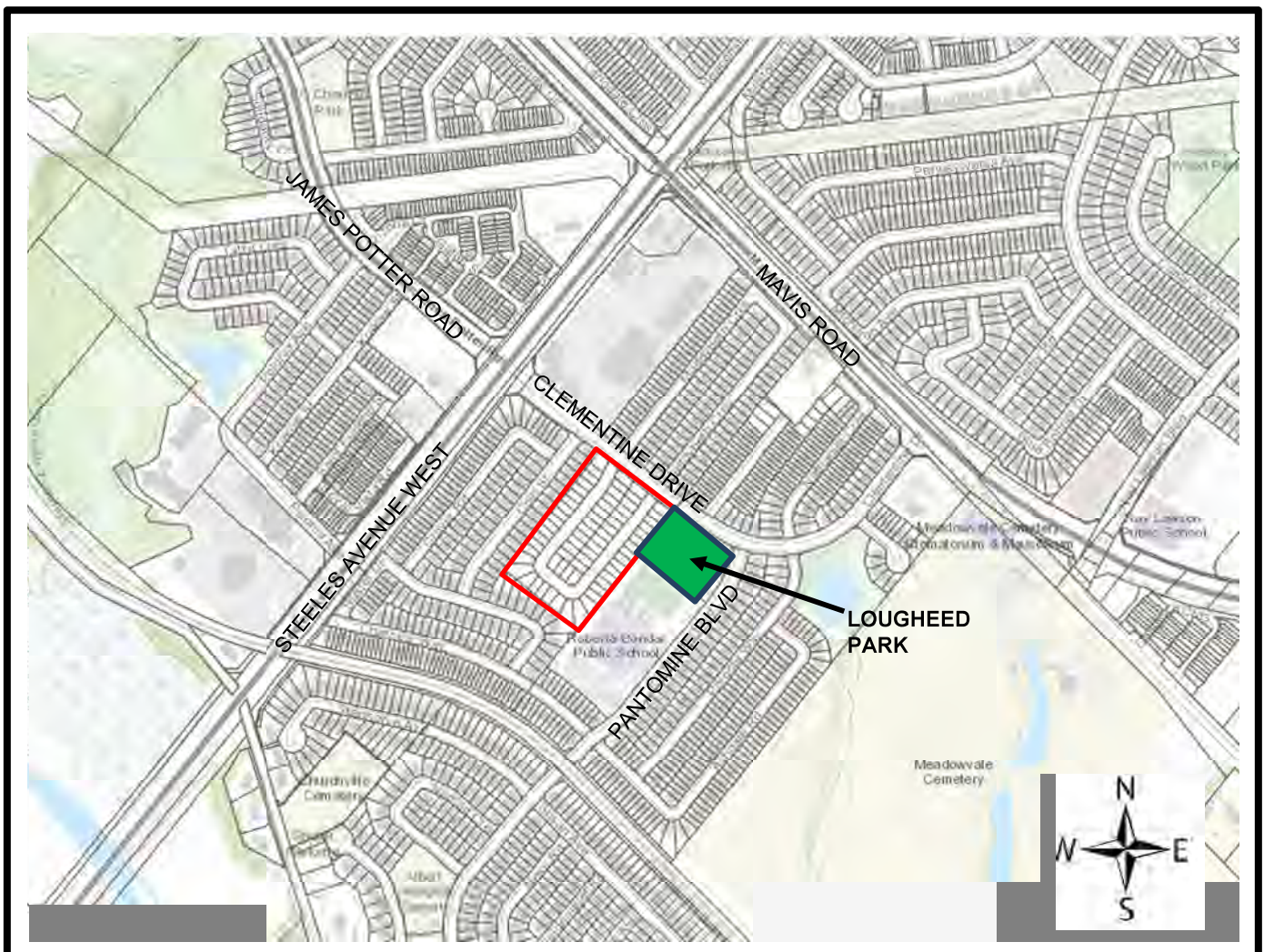
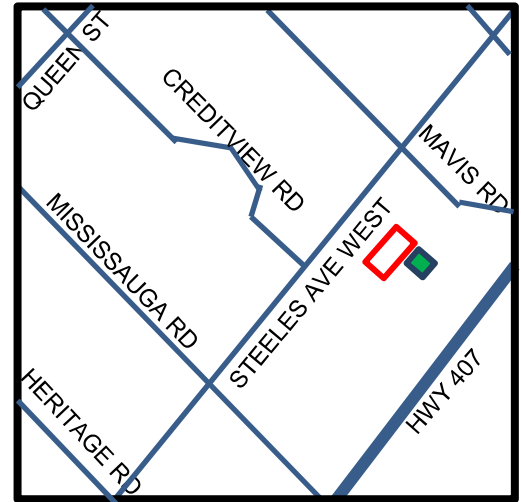
Location Map, Lougheed Park
Brampton West 1-2 Limited



LIMIT OF DEVELOPMENT



LOUGHEED PARK



Appendix D:

Excerpt from Schedule D of the Subdivision Agreement for Brampton West 1-2 Limited

SCHEDULE D**3. SPECIAL PARKLAND REQUIREMENTS**

The Developer and the City agree that the Developer shall be responsible for the redesign and redevelopment of a portion of the adjacent Neighbourhood Park block ("Lougheed Park"), located on the land described as being Block 226 on Plan 43M-1590, which design and redevelopment shall be considered Developer's Parkland Works for the purposes of this agreement. The following is a description of said Developer's Parkland Works which the Developer has agreed to install, in accordance with Section 11 of this agreement.

3.1 Lougheed Park Redevelopment Works

- Topsoil stripping and rough grading
- Topsoil supply, spreading, fine grading, sodding and planting
- New/reconfigured asphalt walkway and concrete sidewalks/pads
- Reconfiguration of existing play equipment with concrete edging and play surface
- Tree Removal and tree transplanting
- Construction hoarding and tree preservation fencing
- Site furniture
- Signage

3.2 Cost of Work and Payment Schedule

3.2.1 The total cost of the **Lougheed Park Redevelopment Works**, pursuant to subsection 11.2.3 of this agreement, shall not exceed \$170,173.33 including consultant fees and taxes, unless approved by Council. The cost covers the items listed above (subsection 3.1) and is shared between the City (City Costs) and the developer (Developer Costs) in accordance with the approved park development cost estimate.

3.2.2 The Developer Costs shall be \$80,000.00, in accordance with the approved park development cost estimate.

3.2.3 The City Costs shall be the actual total cost of the Lougheed Park Redevelopment Works less the Developer Costs of \$80,000.00, and shall not exceed \$90,173.33, in accordance with the approved park development cost estimate, unless approved by Council.

3.2.4 Payment of the City Costs to the Developer shall be subject to:

- a) Performance Acceptance by the City, and
- b) Publication of Substantial Performance and passing of the 45 day holdback period specified under the Construction Lien Act, and
- c) Clear title of the property, and
- d) Approval of the City cost by the City in its Capital Budget.

Date: 2019-01-23

Subject: **Budget Amendment and Request to Begin Procurement - Road Resurfacing within the City of Brampton – Citywide**

Contact: Tim Kocialek, P.Eng., Manager Engineering, Capital Works Division,
 Public Works & Engineering, (905) 874-2541,
 tim.kocialek@brampton.ca

Recommendations:

1. That the report from Tim Kocialek, Manager, Engineering, Capital Works Division, Public Works & Engineering Department, dated January 23, 2019, to the Committee of Council Meeting of February 13, 2019, re: **Budget Amendment and Request to Begin Procurement – Road Resurfacing within the City of Brampton – Citywide**, be received;
2. That Council authorize staff to amend the scope of the Road Resurfacing project to include Region of Peel's watermain component and other sanitary works to be fully recovered from the Region;
3. That a new Capital Project #193820-Road Resurfacing be created and approved with funding of \$14,000,000 from Reserve #91 (Federal Gas Tax) and \$1,000,000 from 601305 (Cost Recovery – Regional); and
4. That the Purchasing Agent be authorized to commence the procurement for the 2019 Road Resurfacing Program, in advance of Council's approval of the 2019 Capital budget.

Overview:

- **Council approval is required to commence procurement for the 2019 Road Resurfacing Program at an estimated cost of \$14,775,000 (pre-tax) including new transit pads, construction of a new sidewalk on Van Kirk Drive and fully recoverable watermain works to be completed on behalf of the Region of Peel.**
- **Due to the delayed approval of the 2019 Budget this year, staff are requesting these funds in advance of Council approving the capital budget in order to allow for completion of the 2019 Road Resurfacing Project.**

8.2.2-2

Background:

The annual Road Resurfacing Program is developed through the evaluation of pavement condition ratings, managed by the Infrastructure Planning section of Capital Works. The program is coordinated with the Region of Peel and maintains the current level of service for City roads and related infrastructure as well as Regional watermain and sanitary infrastructure. The roads that have been identified for resurfacing in 2019 are listed in Appendix 1.

Current Situation:

The Public Works & Engineering Department is prepared to begin the procurement for the 2019 Road Resurfacing Program. The proposed estimated procurement value is \$15,035,000 (including applicable taxes of 1.76%) which includes:

- Funding of \$500,000 from previously approved 2018 resurfacing program.
- Funding of \$300,000 from miscellaneous sidewalk construction project to construct new sidewalk on Van Kirk Drive.
- Recoverable funds from the Region of Peel to complete watermain and sanitary works on their behalf.

The scope of the 2019 road resurfacing program includes forty (40) street locations citywide. There may be a need to adjust the street list once the tendering process is complete in which case streets may be removed, replaced and/or provisional streets may be added. Below are typical reasons why the street list may be adjusted:

- The tender amount exceeds the budget amount
- Unforeseen conflicts in which a street may be deferred
- Where realized savings can be utilized to complete an additional street(s)

Work under this program includes removal and replacement of deficient asphalt surfaces, concrete curbs, sidewalks and storm sewers. The construction of new transit pads as well as watermain looping, where required, forms part of this project and is funded by Brampton Transit and the Region of Peel respectively. This coordination of work allows for efficient service and minimal impact to residents. Pending Council approval, the anticipated timing for the start of construction is April 2019 with Fall 2019 completion.

8.2.2-3

Corporate Implications:

Financial Implications:

Subject to Council approval, a new Capital Project #193820 - Road Resurfacing Program, will need to be approved in the amount of \$15,000,000.

Sufficient Funding is available for this initiative and will require transfer from the following sources:

Project	193820-001	193820-002
Cost Recovery - Regional 601035	\$0	\$1,000,000
Reserve # 91 - Federal Gas Tax	\$14,000,000	\$0
Total	\$14,000,000	\$1,000,000

Additional funds for this procurement are also available from the following sources:

Project	Program	Funding
183820-Road Resurfacing	001	\$500,000
184410-Miscellaneous Sidewalks**	001	\$300,000
Total		\$800,000

*Includes the Pre-tax amount plus 1.76% HST impact.

**Funding available at project level

Other Implications:

Purchasing

A public Procurement Process will be conducted and the lowest compliant Bid will be eligible for contract award. Purchase approval shall be obtained in accordance with the Purchasing By-law.

All communication with Bidders involved in the procurement must occur formally, through the contact person identified in the Bid Document

Strategic Plan:

The goal to keep people moving efficiently by investing in new infrastructure and maintaining it in a state of good repair in the "Move and Connect" priority is met utilizing good construction practices to prolong the life of Brampton's roads and related infrastructure.

8.2.2-4

The “Good Government” priority is also realized by the joint partnership with the Region of Peel in combining construction projects to save on restoration costs and minimize inconvenience to the public.

Living the Mosaic – 2040 Vision:

The road resurfacing program supports the 2040 Vision 4, *Transportation and Connectivity*, by maintaining the road network in a state of good repair for all modes of transportation, and the movement of goods.

Conclusion:

In conclusion, this report recommends that staff be authorized to amend the budget and that the Purchasing Agent be authorized to commence the procurement for Road Resurfacing within the City of Brampton, as described in this report.

Approved by:

Approved by:

Tim Kocialek, P.Eng.
Manager Engineering,
Capital Works
Public Works and
Engineering

Bruce Zvaniga P.Eng.
Commissioner,
Public Works and
Engineering

Appendices:

Appendix 1: Road Resurfacing Street List

Report authored by: Mike Donnelly, P.Eng, PMP
Manager, Construction, Capital Works
Public Works and Engineering
(905) 874-2516

8.2.2-5

Appendix 1.

2019 PRELIMINARY ROAD RESURFACING PROGRAM

Subject to Council and P.U.C.C Review

WARD	ROAD NAME	FROM DESCRIPTION	TO DESCRIPTION
2	QUEEN MARY DR	EDENBROOK HILL DR	WOODVALLEY DR
4	KINGKNOLL DR	MCLAUGHLIN RD	RAY LAWSON BV
2	VAN KIRK DR	BOVAIRD DR	SANDALWOOD PY
3	TRELEAVEN DR	HAROLD ST	GREGORY ST
1	SPROULE DR	MAIN ST	KEN WHILLANS DR
3	BARTLEY BULL PY	BARTLEY BULL PY	ORCHARD DR
3	BARTLEY BULL PY	PEEL VILLAGE PY	BARTLEY BULL PY
3	BLACKWELL PL	HALLDORSON TL	END
3	HALLDORSON TL	APPLETON TL	HARTFORD TL
3	APPLETON TR	HARTFORD TL	END
3	BROWNRIDGE CT	APPLETON TL	END
3	GIFFEN PL	HALLDORSON TL	END
3	MOBRAY PL	HALLDORSON TL	END
3	ARMITAGE PL	HALLDORSON TL	END
3	BILLINGSLEY CT	HALLDORSON TL	END
2	KENPARK AV	CHRISTIE DR	END
2	KENPARK AV	KENNEDY RD	CHRISTIE DR
1	BRUCE BEER DR	RUTHERFORD RD (S)	RUTHERFORD RD (N)
1	HANSEN RD	TOWNSEND GT	ABELL DR N.L.
1	HANSEN RD	VODDEN ST	TOWNSEND GT
1	WIKANDER WY	RUTHERFORD RD (S)	RUTHERFORD RD (N)
1	THORSTON GT	WIKANDER WY	RUTHERFORD RD
3	STAFFORD DR	RUTHERFORD RD	KENNEDY RD
3	CLARENCE ST	SELBY RD	RUTHERFORD RD
3	SELBY RD	HEARTLAKE RD	RUTHERFORD RD
3	ADVANCE BV	TOMKEN RD	DIXIE RD
9	EGYPT DR	KALAHARI RD	OCTILLIO BV
9	EGYPT DR	OCTILLIO BV	KERRIGAN RD
9	BLACK OAK DR	FERNFOREST DR	BLUE SPRUCE ST
7	WILLIAMS PY	BRAMALEA RD	MACKAY ST
7	CENTRAL PARK DR	BRAMALEA RD	QUEEN ST
7	MANORCREST ST	MACKAY ST	NORTH PARK DR
7	AUTUMN BV	AVONDALE BV	ALGONQUIN BV
8	GRAND VALLEY DR	GREENBRIAR RD	END
8	GRISELDA CT	GRISELDA CR	END
8	GRISELDA CR	GLENFOREST RD	END
10	MOUNTAINASH RD	GOOD HOPE RD	COUNTRYSIDE DR
8	NUGGETT CT	BRAMHURST AV	END
8	BRAMWIN CT	BRAMHURST AV	END
8	BRAMHURST AV	TORBRAM RD	NUGGETT CT
		Provisional Streets	
8	GRASSPOINT SQ	GRENOBLE BV	END
8	GREENHILLS SQ	GRASSPOINT SQ	END
8	JENNIFER SQ	JOSEPHINE CT	END
8	JOSEPHINE CT	JAYFIELD RD	END
3	BENTON ST	DEAN ST	TULLAMORE RD

Cricket in Brampton

FEBRUARY 13, 2019

COMMITTEE OF COUNCIL UPDATE



Table of Contents

New Infrastructure & Long Term Planning

Maintenance

Allocation & Housekeeping

User Group Engagement - Collaboration



New Infrastructure & Long Term Planning

As the City continues to grow and mature, staff work closely with affiliates, user groups and internal resources to quantify current, pent up and projected demand.

Based on the above, staff are proposing new infrastructure plans for approval.



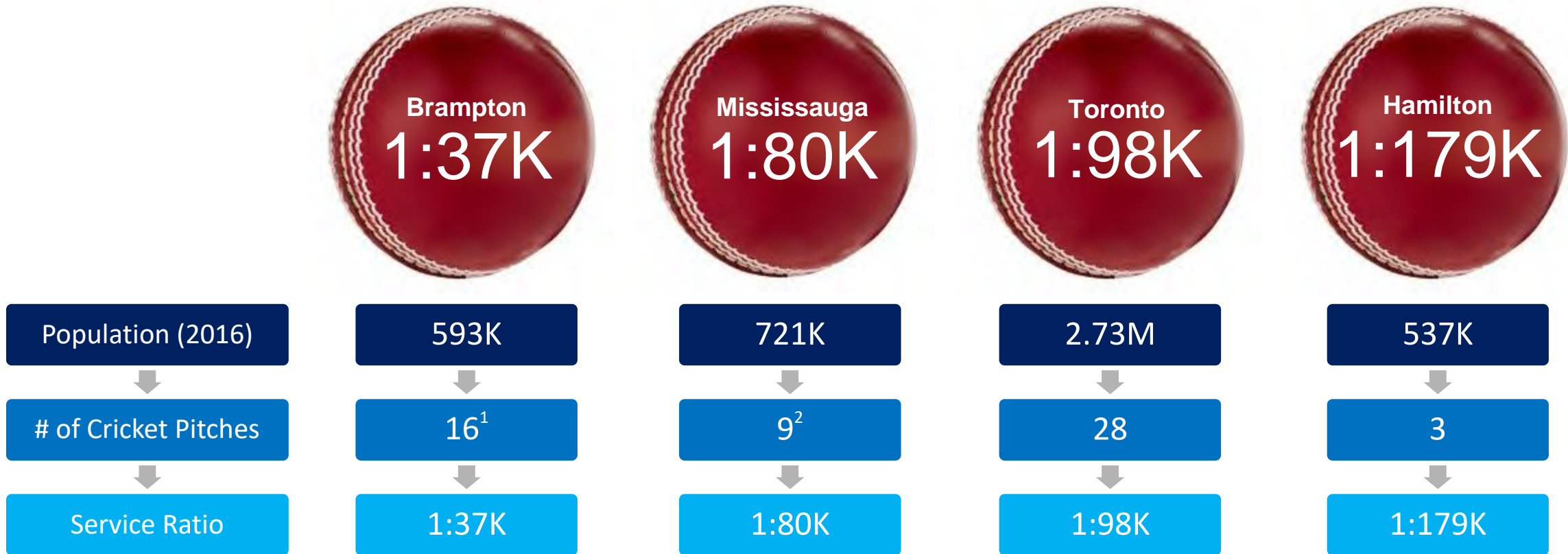
Parks and Recreation Master Plan

Based on the recommendations of the council approved *Parks and Recreation Master Plan* in 2017, the City is to construct three additional cricket pitches by the year 2031.

Staff have recognized (with the input of residents and user groups) that the timelines would have to be accelerated in order to offset the growing demand. As such, the following projects were **approved and funded for 2019**.



Municipal Benchmarking



- (1) Includes 12 major and 4 minor cricket pitches. Does not include 3 privately managed major cricket pitches at the CAA Centre
 (2) Includes 6 major and 3 minor cricket pitches (major includes 2 new pitches set to fully open in 2019 at Danville Park).

Updated as of January 21, 2019

What's Happening in 2019?

9.1.1-6



INCREMENTAL PITCH

To further create opportunities for major tournaments, staff have recommended (**Council has approved funding**) the addition of a 3rd cricket pitch at **Dixie/407 Sports Park**.



MASTER PLANNING

Staff have commenced master plan discussions for the **Gore Meadows Site**.

Included is one dedicated cricket pitch (**Council has approved funding**), plus the proposal for a *Premium Facility* which will be a part of the overall master plan.



NIGHT CRICKET (LIT)

Staff have recommended (**Council has approved funding**) for the installation of high quality LED lights which will allow extended play on weeknights and weekends at **Teramoto Park**.

Unmatched Investment



Notes:

- 1) The above **does not** include the current 4 minor cricket pitches in the City's inventory
- 2) The above **does not** include 3 additional privately managed cricket pitches at CAA Centre
- 3) 2019 construction projects are weather dependent, hence the "Q3 – TBD" timelines provided. As dates firm up staff will contact user groups.

2019 Cricket Scorecard

9.1.1-8



12

MAJOR CRICKET PITCHES

Current Inventory as of January 21, 2019 (not including 3 at CAA Centre). With a 1:37K service ratio, Brampton is a leader in **Canada** for any major municipality.



01

LIGHTING PROJECT

City Staff have **approval and funding** to light Teramoto Park and be one of, if not the, first to market with a lit full size, major cricket pitch in **Canada**.



02

NEW PITCHES APPROVED

City Staff have **approval and funding** for two additional cricket pitches (Dixie 407 Sports Park and Gore Meadows) – to be completed in 2019.



04

MINOR CRICKET PITCHES

The City continues to maintain and permit the use of 4 minor size cricket pitches to a variety of user groups.



TBD

PREMIUM FACILITY

City Staff are working with consultants to plan the remaining amenities on site at Gore Meadows. Proposed is a Premium Pitch (turf wicket, spectator seating, clubhouse).



13

VARIOUS USER GROUPS

The City takes pride in being able to work with a wide variety of user groups who cater to all demographics and skills – introducing residents to the game of cricket.

2019 Maintenance Plan

9.1.1-9



LOWER CUT HEIGHT

For 2018, the City purchased new multi deck mowers in an effort to mow the turf to a height that is more conducive to cricket play. There are currently machines, operators, and transportation trucks dedicated to mowing the cricket pitches on each side of the city. The height that these pitches are currently being cut at is 4cm. Cut schedules have also been adjusted and optimized.



AUTOMATED SPRINKLER SYSTEM

Pitches with automatic sprinkler systems were set so they do not water the pitches on Friday or Saturday night. Schedules were adjusted so pitches are not watered on Sunday night (where pitches are in use on Monday). Irrigation systems are currently set for overnight watering typically starting between 10 pm and 12 am with completion at 4 am, and not watered on weekends.



GENERAL PITCH MAINTENANCE

The cricket pitches are included in the sports field inspection program which are completed bi-weekly during the playing season. The City has a contractor who completes comprehensive inspections in the spring and fall and completes necessary repairs that result from those inspections.

Allocation & Housekeeping

9.1.1-10



SUB-LETTING

If any user group needs to return allocated time, they must notify their City contact. Organizations are not allowed to sub-let or sub-lease (for a fee or not) to any other entity. Time is to be turned back to the City and it will be reallocated accordingly. Failing to do so is against the *Terms & Conditions* of the rental agreement and will result in forfeiture of pitch time going forward.



POST MATCH CLEANUP

User groups have done a great job reminding participants and end users to clean up after themselves. User groups have been asked to remind teams for 2019 as there is always room for improvement.



PROVIDE FEEDBACK

The City will provide feedback wherever possible, and the expectation is our user groups do the same. User groups are encouraged to contact the Sports & Rentals Unit to provide feedback on how to make the experience more safe or enjoyable.

User Group Collaboration

On an annual basis, City of Brampton staff meet with major user groups from various sports to provide relevant updates, receive feedback and strengthen relationships.

Information gathered from these meetings is used to improve the overall experience for residents and user groups alike.



User Group Collaboration

At the last meeting with current cricket user groups on January 21, 2019, Staff heard that there is a desire for further collaboration on the following items:

- Improvements to existing artificial turf wickets
- Explore the implementation of natural turf wickets on select pitches
- Consultation on design of new and re-developed facilities (i.e. shade structures, scoreboards, spectator seating, side-screens, etc.)
- Consultation on maintenance

Staff have committed to engaging user groups to ensure a collaborative relationship is maintained and enhanced.



Future of Cricket

In an effort to ensure the long term strategy with respect to the growth of cricket is addressed, Staff will continue to:

- Increase overall cricket pitch **quantity** where appropriate
- Improve cricket pitch **quality** and include turf wickets on select pitches to be more suitable for high level play
- Add **lighting** where opportunities arise
- Include a **Premium Cricket Facility** at Gore Meadows (turf wicket, spectator seating, clubhouse) in the master plan process



Changes to the Agenda

Committee of Council – February 13, 2019

1. The following items were listed on the agenda to be distributed prior to the meeting:
 - 5.3. Presentation from Ryerson University entitled “**Innovate Brampton!**”
 - 11.1. Briefing report from L. Rubin-Vaughan, Manager, Government Relations and Public Policy, Office of the Chief Administrative Officer, re: **Government Relations Matters.**

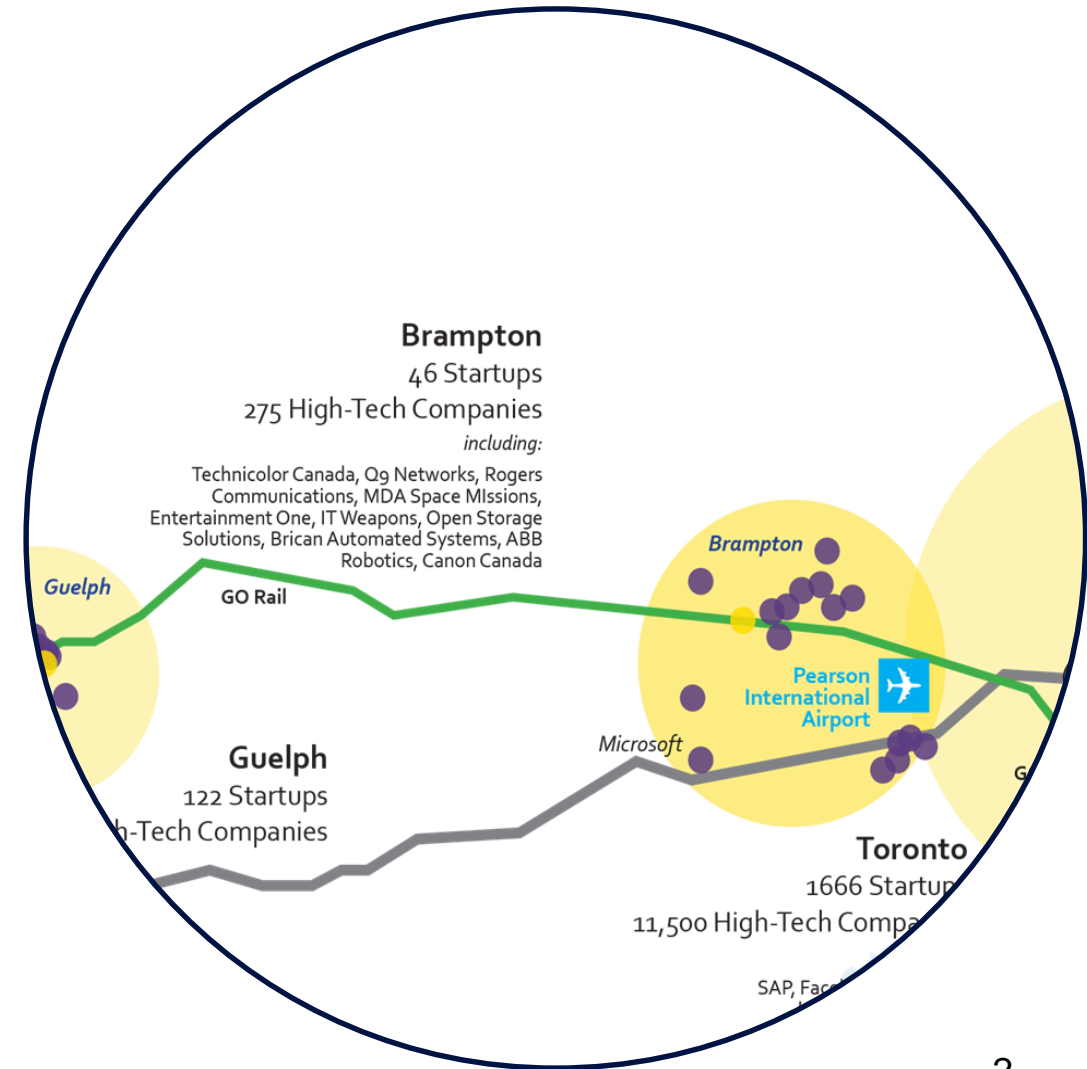
Innovate Brampton!

Presentation to Brampton Committee of Council

Tuesday, 2019/02/12

Ryerson's Vision for Brampton

1. Inspired by SFU's partnership with Surrey
2. Make Brampton the Cybersecurity Capital of Canada



Building on Ryerson's strengths — Canada's leading comprehensive innovation university

- 45,000 students
- Most in-demand university in Ontario
- Largest continuing education program in Canada (The Chang School)
- #1 ranked university-led incubator in the world (DMZ)
- Top 25 MBA program — Bloomberg News





Surrey City Centre - 1994



Surrey City Centre - 2017





Ryerson
University

scdc

SFU in Surrey

- Started in 2002 with 800 students now has 5000 plus
- Second SFU building already constructed
- Plans for a third building underway
- “Destination” programs attracting students from across BC and beyond



Ryerson + Brampton = Accelerating Innovation

- Grow Chang School offerings
- Launch Brampton Innovation Hub
- Launching Cybersecurity Catalyst in Brampton

Two new courses — started Jan 21, 2019:

Computer Network Security

Security Architecture Design

Plans underway to offer full Certificate programs in Brampton

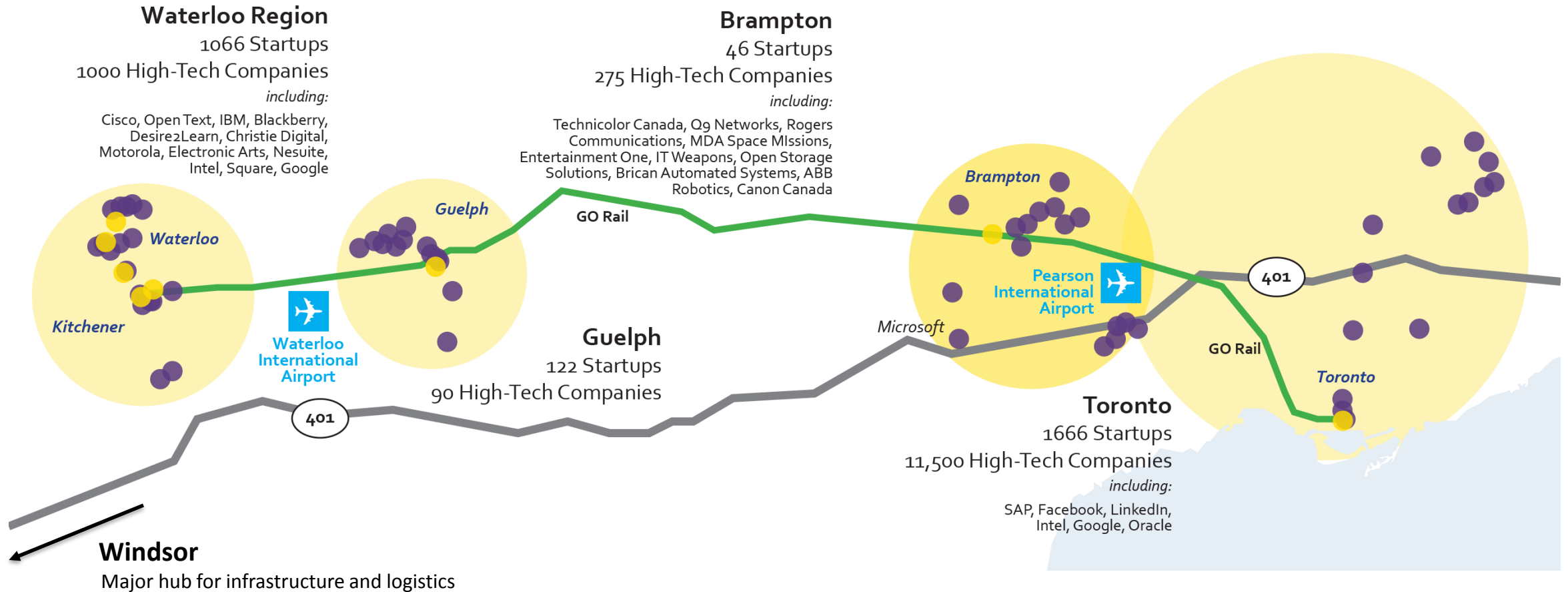


**Ryerson
University**

**Cybersecurity Courses
Now Available in Brampton**



The Toronto – BRAMPTON – Waterloo Innovation Corridor



What's next? A Ryerson + Brampton Partnership, Innovation Hub

- **10 innovation zones** across campus
- Zone Startups – World-wide Footprint
 - India @ the Mumbai Stock Exchange
 - DMZ in NYC
 - Calgary in partnership with GE + Telus
 - Johannesburg, South Africa
 - Amman, Jordan
 - Ho Chi Minh City, Vietnam



378
startups

\$563 Million
raised in seed funding

3,500+
jobs created



DMZ

By the numbers*

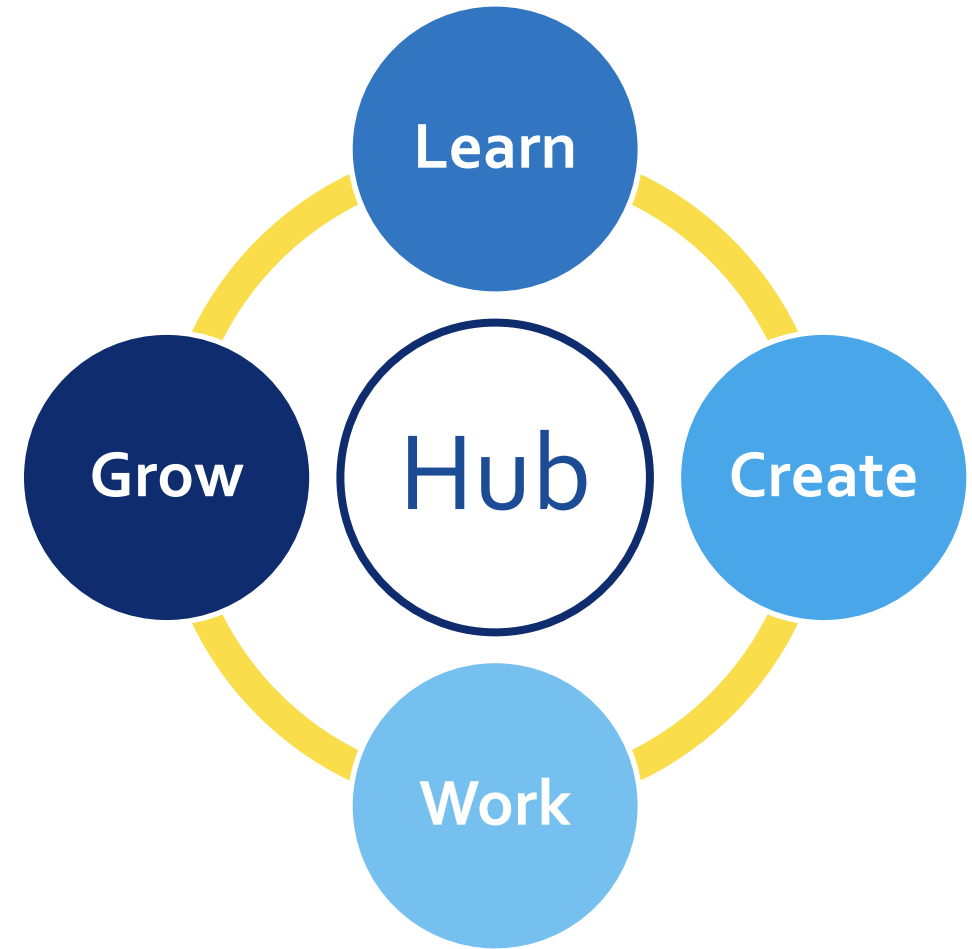
7%
startup
acceptance rate

40,000
Sq feet

60
Startups in the
DMZ

Ryerson's vision for innovation in Brampton

- DMZ Validator Program for startups
- EON Entrepreneurs program
- DMZ Sandbox
- Specialized Career Centre for students and employers (co-ops, internships)
- Life-Long Learning for the Public – Navigation, Coaching, Tutoring



Cybersecure Catalyst

*Ryerson University's National
Centre for Cybersecurity at
Brampton*

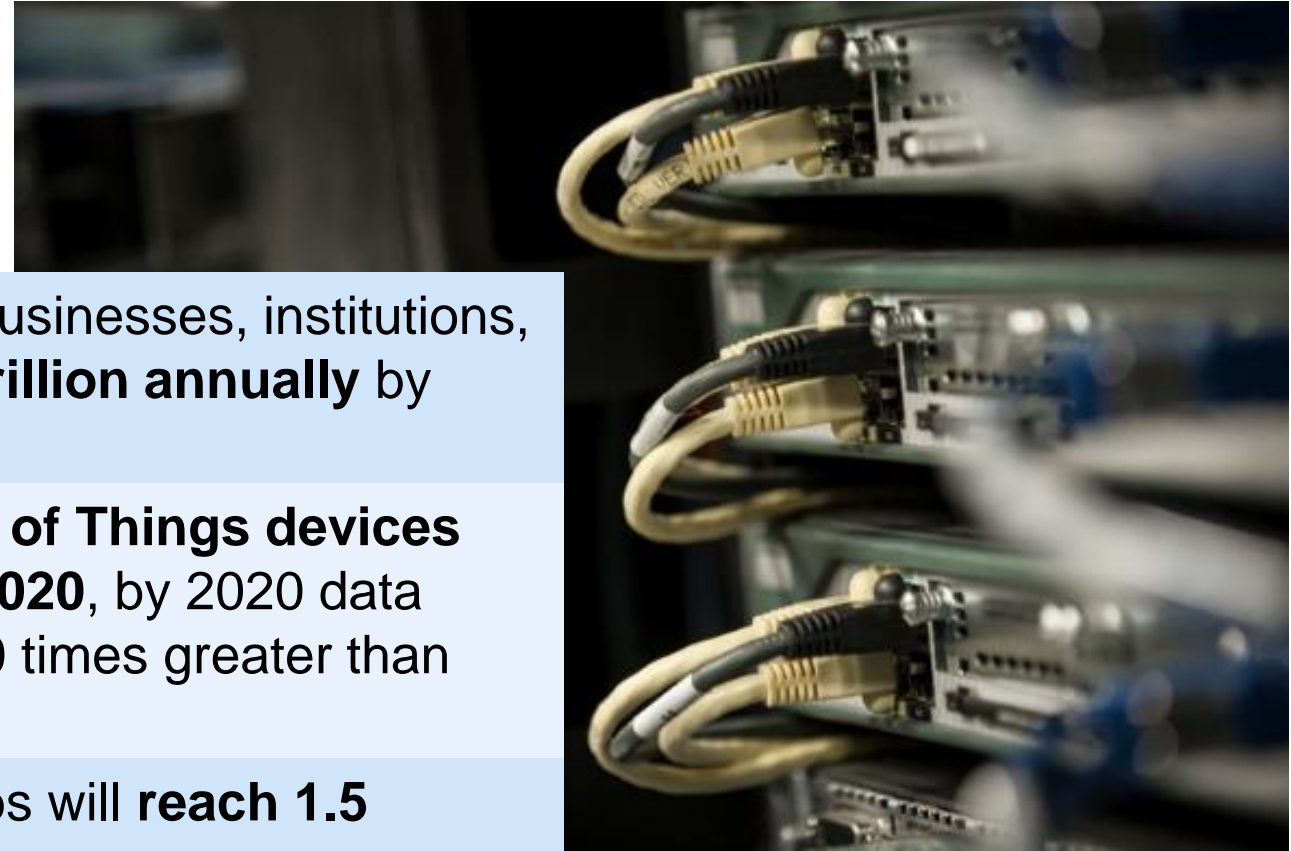


Ryerson
University



Cybersecure
Catalyst

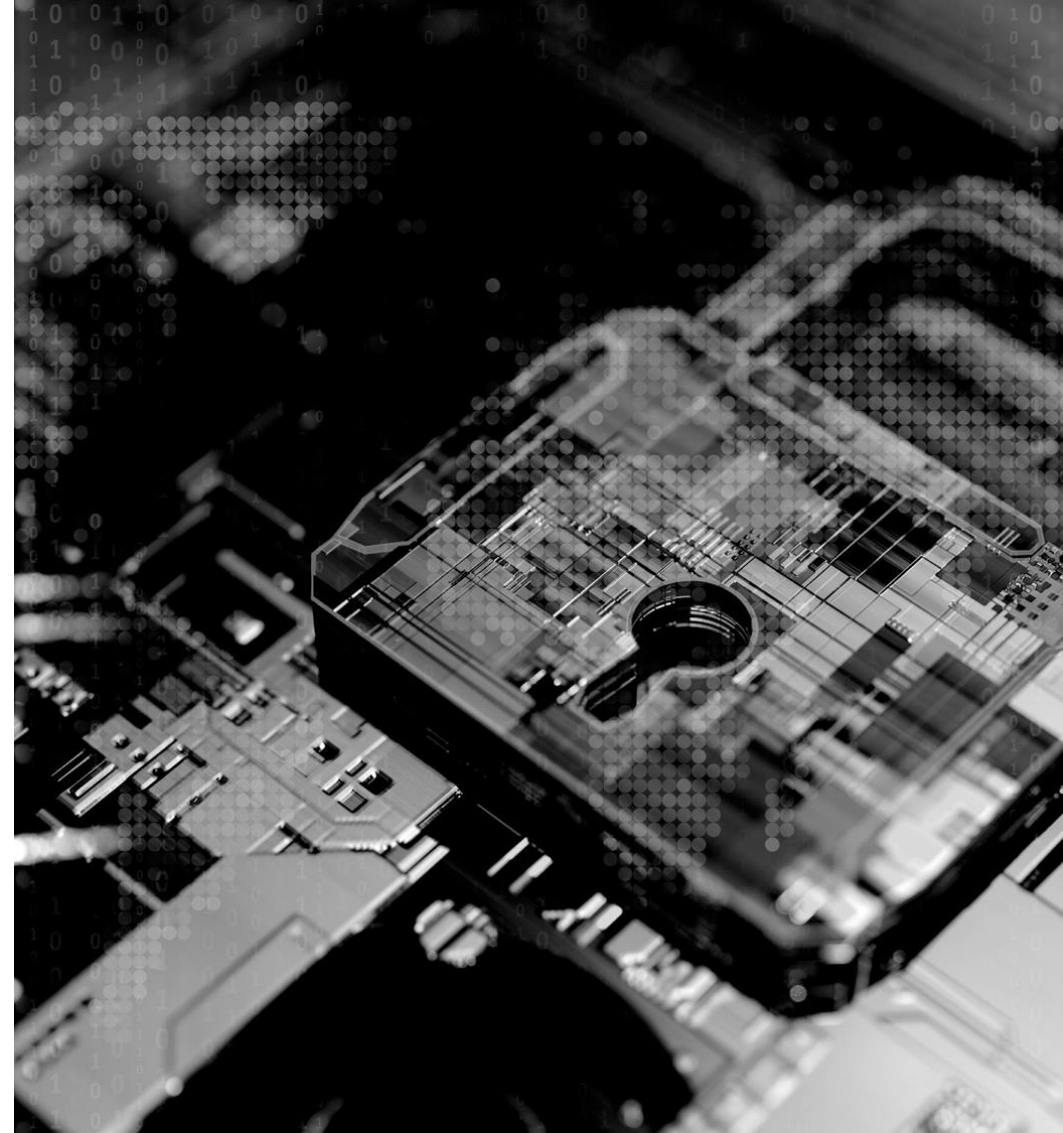
Global Cybersecurity Threat



THREAT	Cybercrime damage to businesses, institutions, and others will cost \$6 trillion annually by 2021
SCOPE	Up to 50 billion Internet of Things devices will need securing by 2020 , by 2020 data volumes online will be 50 times greater than today
OPPORTUNITY: TALENT SUPPLY GAP	Unfilled cybersecurity jobs will reach 1.5 million by 2019
OPPORTUNITY: GROWTH	Cybersecurity spending to exceed \$1 trillion cumulatively, from 2017 to 2021

Ryerson's expertise in Cybersecurity

- 26 Researchers in related fields – including two Canada Research Chairs
- Privacy + Big Data Institute launched in 2014
- Relevant expertise in:
 - Privacy
 - Blockchain
 - Security of IoT (Internet of Things)
 - Cryptography (Applied, post-Quantum)
 - Social Media and Network Analytics
 - Semantic Analysis & Search
 - Latent Communities
 - User profiling



Brampton the hub for Canada's cybersecurity network

Calgary

Institute for Security, Privacy and Information Assurance
Research in cybersecurity

Vancouver

SecSIG
Professional collaboration, public education

Waterloo

Waterloo Cybersecurity and Privacy Institute
R&D in cybersecurity

Quantum-Safe
Knowledge mobilization and public education

Brampton

Cybersecure Catalyst at Ryerson University
Professional training, R&D, commercial incubation, and public education

Quebec

INTRIQ
Research in quantum computing

Fredericton

UNB Canadian Institute for Cybersecurity
R&D and training

Montreal

SERENE-RISC
Knowledge mobilization and public education

Support for the Catalyst



The Catalyst: An economic driver for the City of Brampton

- Approximately 45 full-time and part-time staff in Brampton
- **Catalyst Cyber Training Centre** located in Brampton attracting students and trainers from across the country to Brampton. During the five years from 2019 to 2023, the training centre will provide training to:
 - Over **600 introductory trainees from cohorts that are underrepresented in the cyber sector**, including women, youth, new Canadians, indigenous Canadians, and veterans; and
 - Over **2200 cybersecurity professionals from major corporations**, who will take courses leading to internationally-recognized certifications.
- **Cyber Accelerator** will provide mentorship and support for approximately 60 cyber scale-ups in Brampton
- In **April 2019** the Catalyst will bring together approximately 200 manufacturing leaders in Brampton for a conference on cyber risks, co-hosted with the *Canadian Centre for Cybersecurity*.
- In the **Fall of 2019** the Catalyst will bring together senior executives in Brampton for a conference on leading through a cybersecurity crisis, in partnership with the Leadership Lab at Ryerson.

Summary Proposal

Program	Output	Investment
Cyber-secure Catalyst	<ul style="list-style-type: none"> - Approx 45 Full and Part Time Employees in Brampton - Leadership Team in Brampton - Securities Operation Centre in Brampton - 60 Cyber Security companies Scaled Up in Brampton - 2200 Professionals Certified in Cybersecurity in Brampton - 600 Introductory Cybersecurity trainees in Brampton targeted at underrepresented communities - Major annual national cybersecurity conference and numerous workshops and roundtables hosted in Brampton 	<ul style="list-style-type: none"> - \$1 million per year for 5 years (total \$5 million) - Drawn from the Council Approved \$50 million operating fund for Ryerson
Innovation Hub	<ul style="list-style-type: none"> - Access to Ryerson's 10 years experience in running innovation hubs including the #1 Ranked DMZ; India, South Africa, New York - 10+ Full and Part Time Employees in Brampton - 60+ Companies Started in Brampton - Specialized Career Centre for Students and Employers - Life-Long Learning Centre for the Public 	<ul style="list-style-type: none"> - Average of \$1 million per year for 5 years (total \$5 million) - Contingent upon Approval of the City's budget for 2019 - Launch Hub June 2019
Ryerson Campus	<ul style="list-style-type: none"> - Leadership presence in Brampton to work with the City to develop plans for a full University Campus in Brampton. - Ryerson Signage on West Wing of City Hall 	

Thank you.



Government Relations Matters

**Committee of Council
February 13, 2019**

Regional Council

9:30 am

<https://www.peelregion.ca/council/agendas/2019/2019-02-14-rc-agenda.pdf>

*This update includes information on the following Regional Agenda:

8.1: Recent Calls for the Elimination of Water and Wastewater Development Charges

8.2: Service Delivery Options for TransHelp Passenger Assistant Program

9.2: Comments on Bill 66: Restoring Ontario's Competitiveness Act, 2018 and The proposed Open-For-Business Planning Tool

9.3: Response to provincial Increasing Housing Supply in Ontario Consultation

17.3: 2018 Update on Refugee and Refugee Claimant Use of Peel Adult Shelters

8.1: Recent Calls for the Elimination of Water and Wastewater Development Charges

Overview:

- C.D. Howe Institute report Hosing Homebuyers: Why Cities Should Not Pay for Water and Wastewater Infrastructure with Development Charges, calls for elimination of water and wastewater infrastructure costs from Development Charges (DCs) to improve housing affordability

City of Brampton (Comments from Finance):

- It is commonplace that DCs levied for water and wastewater infrastructure are typically the highest charges as compared to other eligible services under the DC Act;
- By prohibiting the recovery of, for example, water and wastewater through development charges does not increase the supply of housing, nor does it aid municipalities in funding the necessary infrastructure;
- Removing or limited DCs would have an immediate and substantial impact on property taxes and utility rates, as well as limit the City's ability to delivery growth-related infrastructure.

Staff Recommendation

Approve Recommendations

8.2: Service Delivery Options for TransHelp Passenger Assistant Program

Overview:

- The report recommends that all current Passenger Assistant Program passengers be transitioned to TransHelp

City of Brampton (Comments from Transit):

- The Passenger Assistant Program is a Regional program (with no impact to Brampton Transit) that started in 2009 to assist passengers with cognitive disabilities – who at the time, were not recognized by the Accessibility for Ontarians with Disabilities Act (AODA) and were ineligible for TransHelp.
- 2017 changes to the AODA legislation recognize cognitive disabilities as a barrier to travel, and therefore TransHelp now provides transportation to residents with cognitive disabilities.
- In 2016 Regional Council directed Regional staff to maintain the existing Program until other long-term options were viable.

9.2: Comments on Bill 66: Restoring Ontario's Competitiveness Act, 2018 and The proposed Open-For-Business Planning Tool

9.3: Response to provincial Increasing Housing Supply in Ontario Consultation

Overview:

- The Region participated in the Provincial consultations on *Bill 66* and *Increasing Housing Supply in Ontario* and submitted comments

City of Brampton (Comments from Government Relations):

- Since the conclusion of the consultations, the Province announced it will not move ahead with Schedule 10, commonly referred to as "Open-for-Business," in Bill 66.
- The City of Brampton provided comments to the proposed regulations indicating a number of questions, comments and concerns regarding the potential impacts of passing an open-for-business by-law.
- The City also provided comments for the Increasing Housing Supply in Ontario consultation

Staff Recommendation

Receive Report

14.3: 2018 Update on Refugee and Refugee Claimant Use of Peel Adult Shelters

Overview:

- From end of 2017 through start of 2018 Peel Region adult shelters have seen significantly higher number of refugees and refugee claimants
- However, we have seen gradual decline since July 2018
- The Region continues to advocate for reimbursement of incurred costs totaling \$412,172

City of Brampton (Comments from Government Relations):

- Close cooperation between Federal, Provincial and Municipal governments is essential in addressing this issue
- Federal government indicated that addition resources would be provided, but no funds have flown to date
- The Province calling for funding from the Federal government, reluctant to provide funding

Staff Recommendation

Receive Report

February 5, 2019: Ontario's Government Launches Data Strategy Consultations

Three key topics:

- **Promoting Public Trust and Confidence:** ensure public trust and confidence in the data economy by introducing world-leading, best-in-class privacy protections.
- **Creating Economic Benefits:** enabling Ontario firms to develop data-driven business models and seize the commercial value of data.
- **Enabling Better, Smarter, Efficient Government:** unlocking the value of government data by promoting use of data-driven technologies.

Consultations to be carried out in three phases:

- Phase 1: Launch of pre-consultation on the data strategy (online) February-March 2019
- Phase 2: Province-wide roundtables and continued consultations (in person and online) Spring 2019
- Phase 3: Refine and finalize the strategy with the public and businesses (in person and online) Fall 2019

The Ernst and Young line-by-line review identified the need for the Government put data at the heart of every decision made in the designing, administering, or delivering public services.

Staff are reviewing the consultation materials. An [online survey](#) can be accessed until March 7, 2019.

February 5, 2019: Ontario Road Builders Association (ORBA) 92nd Annual Convention

Minister of Transportation Jeff Yurek attended the convention and delivered remarks

- Re-start the Environmental Assessment for the GTA West Corridor.
- EA to identify and address transportation needs in the corridor through York, Peel and Halton Regions.
- MTO to move forward on major projects like the 400 expansion – including Hwy 427 expansion
- Plans to increase safety on the 401 highway
- The government to continue make investments in public transportation, highways, roads and bridges

No timeframe for the resumed EA process has been shared.
Staff is working with the Region and Province to learn more. Information will be shared as it becomes available.



BRAMPTON
Flower City

Chief Administrative Office
City Clerk

Delegation Request

For Office Use Only:

Meeting Name:

Meeting Date:

Please complete this form for your request to delegate to Council or Committee on a matter where a decision of the Council may be required. Delegations at Council meetings are generally limited to agenda business published with the meeting agenda. Delegations at Committee meetings can relate to new business within the jurisdiction and authority of the City and/or Committee or agenda business published with the meeting agenda. **All delegations are limited to five (5) minutes.**

Attention: City Clerk's Office, City of Brampton, 2 Wellington Street West, Brampton ON L6Y 4R2

Email: cityclerksoffice@brampton.ca Telephone: (905) 874-2100 Fax: (905) 874-2119

Meeting: ☐ City Council ☐ Planning and Development Committee
☒ Committee of Council ☐ Other Committee:

Meeting Date Requested: February 13, 2019 Agenda Item (if applicable): Motion for funding

Name of Individual(s): Milagros Caballes

Position/Title: Community Relations Officer, Federation of Filipino Canadians of Brampton

Organization/Person being represented: Federation of Filipino Canadians Brampton
Filipino Seniors Club of Brampton

Full Address for Contact:

Telephone:

Email:

Subject Matter to be Discussed:	Filipino Delegation regarding Philippine Heritage Month in June and activities related to that month
Action Requested:	Designate June as Philippine Heritage Month in Brampton Budget for celebrations during Philippine Heritage Month similar to other cultural celebrations supported in the City Halo Halo party as supported by Mayor and Councillor Santos

A formal presentation will accompany my delegation: ☒ Yes ☐ No

Presentation format: ☒ PowerPoint File (.ppt) ☐ Adobe File or equivalent (.pdf)
☐ Picture File (.jpg) ☐ Video File (.avi, .mpg)

☐ Other:

Additional printed information/materials will be distributed with my delegation: ☐ Yes ☒ No ☐ Attached

Note: Delegates are requested to provide to the City Clerk's Office **well in advance of the meeting date:**

- (i) 25 copies of all background material and/or presentations for publication with the meeting agenda and /or distribution at the meeting, and
- (ii) the electronic file of the presentation to ensure compatibility with corporate equipment.

Submit by Email

Once this completed form is received by the City Clerk's Office, you will be contacted to confirm your placement on the appropriate meeting agenda.

Personal information on this form is collected under authority of the Municipal Act, SO 2001, c.25 and/or the Planning Act, R.S.O. 1990, c.P.13 and will be used in the preparation of the applicable council/committee agenda and will be attached to the agenda and publicly available at the meeting and on the City's website. Questions about the collection of personal information should be directed to the Deputy City Clerk, Council and Administrative Services, 2 Wellington Street West, Brampton, Ontario, L6Y 4R2, tel. 905-874-2115.

Brampton City Council February 13th, 2018

Presented by the Federation of Filipino Canadians of Brampton

Celebrating the Filipino Fiesta since 2010

Our Mission:

To provide multi-faceted services to newcomers, caregivers, youth, seniors and the Filipino and multicultural community in Peel.



FEDERATION OF
FILIPINO
CANADIANS OF
BRAMPTON



The month of June is
dedicated as ...



20,100 Filipinos as per
2016 Census report



FILIPINO
HERITAGE MONTH



Fund raising to help families affected by calamities

Seniors Club at a flag raising event



FFCB co-hosted the CARABRAM
PHILIPPINE PAVILION since 2003
with the Fiesta Filipino Dance
Troupe



Halo-Halo Event on June 13th

HALO

translated as
"Mix", it's a
whole lotta
sweet things
packed under
shaved ice,
topped with
evaporated milk,
ice cream, and
flan (+ anything
else your sweet
heart desires ~



A SWEET WINTER WONDERLAND
IN YOUR MOUTH!

