

CITY OF BRAMPTON 2024 FEDERAL PRE-BUDGET SUBMISSION



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Left to right, top row: Martin Medeiros (Regional Councillor Wards 3 & 4), Harkirat Singh (City Councillor Wards 9 & 10, Deputy Mayor), Michael Palleschi (Regional Councillor Wards 2 & 6), Gurpartap Singh Toor (Regional Councillor Wards 9 & 10), Paul Vicente (Regional Councillor Wards 1 & 5), Rod Power (City Councillor Wards 7 & 8)

Left to right, bottom row: Dennis Keenan (Regional Councillor Wards 3 & 4), Navjit Kaur Brar (Regional Councillor Wards 2 & 6), Patrick Brown (Mayor), Rowena Santos (Regional Councillor Wards 1 & 5), Pat Fortini (Regional Councillor Wards 7 & 8)

A BETTER BRAMPTON FOR ALL

Mayor's Message

As the City of Brampton commemorates its 50th birthday, this milestone stands as a testament to the extraordinary journey of transformation and growth.

Located on the territory of the Mississaugas of the Credit and the traditional territory of the Huron-Wendat and the Haudenosaunee, Brampton evolved from a settlement in the early 1800s to an officially designated City in 1974.

This milestone reflects our City's rich history, woven from the diverse threads of more than 250 cultures, built on a foundation of innovation, inclusivity, and sustainability. This foundation reflects the tenacity and determination of the newcomers who carved a community out of the wilderness.

Brampton is now the ninth largest City in Canada and is among the fastest growing 25 cities across the country. Locally, Brampton is the third largest City in the Greater Toronto Area and the fourth largest in Ontario.

Our population is young and diverse and continues to grow with high immigration levels, on course for one million residents by 2051. Supporting the needs of our rapidly growing community is essential for the long-term success of Brampton and prosperity of the Province of Ontario.

Brampton cannot do this alone. We need the federal government's continued financial support.

Transit is essential to economic development and innovation. Brampton is in the middle of Canada's Innovation Corridor, and has become an economic powerhouse with strong manufacturing, logistics and entrepreneurial sectors.

We are requesting funding for priority transit projects including: completion of the Hazel McCallion LRT Line, the Queen Street - Highway Bus Rapid Transit initiative, transit electrification and establishing a Permanent Transit Fund, sooner than later, to give municipalities the flexibility to use this funding to implement essential projects.

Brampton's rapid growth comes with new opportunities. The City was once considered a suburban bedroom community for people working in adjacent municipalities. We are now bustling City with housing demands exceeding supply.

The opportunity to build homes for our residents is imperative. This includes affordable ownership choices and purpose-built rental units and housing intensification to address the diverse housing needs of all Brampton residents including first-time buyers, newcomers to Canada, seniors, students and multi-generational families.

Housing, combined with continued funding support for the Hazel McCallion LRT to get people to work and school, as well as the everyday activities of life, are integral to the City of Brampton and the long-term success of our economy.

We thank the federal government for its generous contribution of \$114 million through the Housing Accelerator Fund to construct more than 3,150 residential units over the next three years and develop more than 24,000 homes over the next decade.

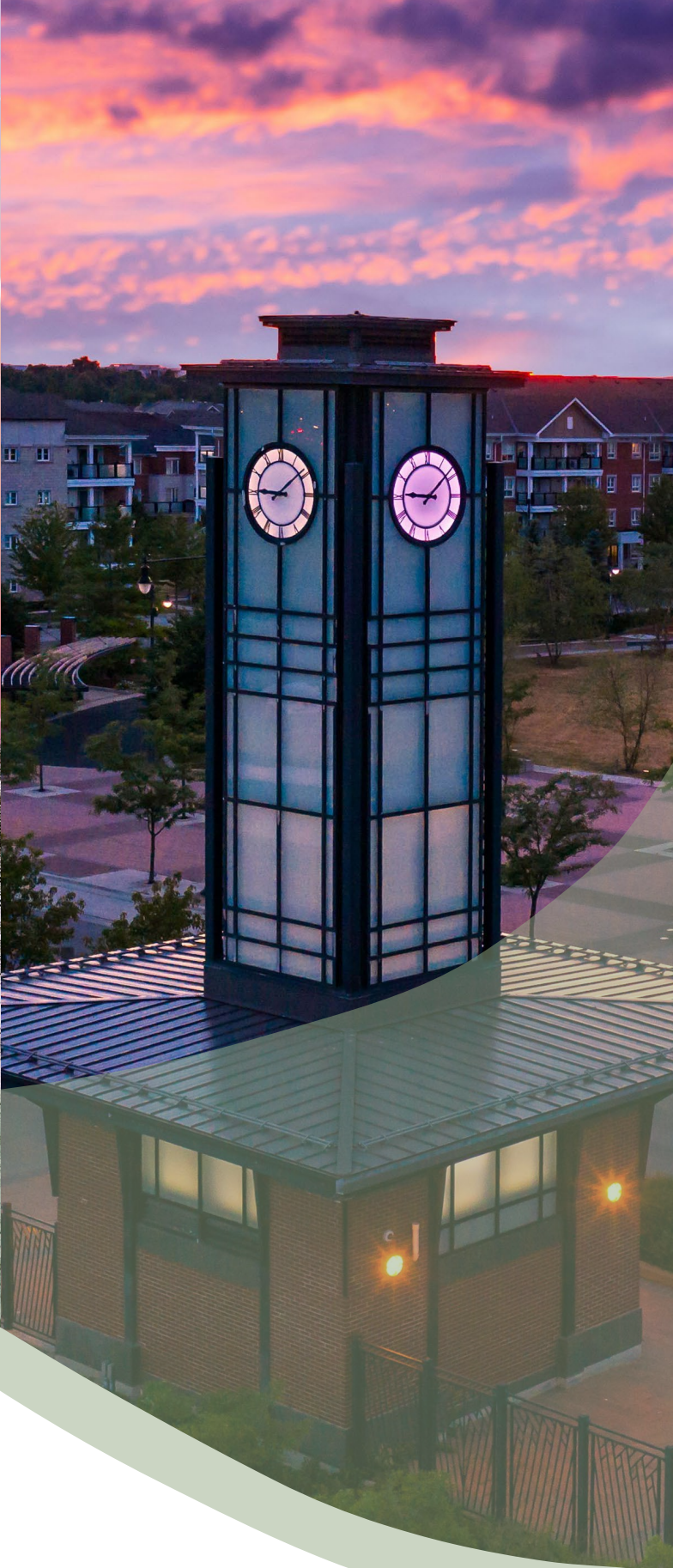
Brampton, like many rapidly growing cities across the country and around the world, is grappling with the effects of climate change, which profoundly impacts the health and well-being of residents. The intensification of extreme weather events and increased temperatures contribute to a heightened vulnerability to natural disasters in urban areas.

The City of Brampton is committed to sustainability and investing in deep retrofits to reduce emissions and build more efficient infrastructure is a critical way we can fight climate change and support cleaner communities.

The federal government's support for zero carbon retrofits at Susan Fennell Sportsplex is appreciated. We are leveraging every opportunity to lowering our carbon footprint through retrofits and public transportation. We would like to stress federal support of Riverwalk, which requires \$87.3M in funding for flood projection, is vital to the City of Brampton to build new homes and attract economic investment to our downtown area.

By partnering with the City of Brampton, the Government of Ontario can unlock the potential of this great City to become an economic powerhouse, which embodies diversity, equality and inclusion.

Mayor Patrick Brown



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SUMMARY

The City of Brampton welcomes the funding received from the federal government, and as we look ahead to the 2024 fiscal year, we are encouraged by the alignment of our priorities. We look forward to your partnership, funding, and support to build Brampton.

OUR ASKS

Housing

- The City of Brampton is asking the federal government to work with the City to explore all available tools, innovations and opportunities to deliver affordable housing options, including affordable ownership options and purpose-built rental units, to meet the diverse housing needs of all Brampton residents (e.g., first-time homeowners, multigenerational families, new immigrants, seniors, students, etc.).
- The City seeks federal supports, including direct financial commitments to ensure that vulnerable communities (low-middle income, refugees, international students, etc.) have access to a diverse range of housing options.
- Planning for a new task force with the Province of Ontario, City of Brampton, educational institutions and Immigration, Refugees and Citizenship Canada (IRCC) to develop solutions, including financial supports, for safe, adequate and affordable housing for international students and postgraduate work permit holders.
- The City calls on the federal government to donate or provide funding for land to the City of Brampton and non-profits for the development of affordable housing, including purpose built rental and 'missing middle' housing solutions.

Transit

- The Light Rail Transit (LRT) extension along Main Street from Steeles to Brampton GO Station requires approximately \$1.4B* in federal funding for the tunnel alignment.
- The Queen Street - Highway 7 Bus Rapid Transit (BRT) requires approximately \$250M* in federal funding.
- The City of Brampton is committed to transit electrification, including the electrification of the third transit facility. To fund the other 50% of these critical projects, not covered through the Zero Emission Transit Fund, additional infrastructure funding is required.
- The City asks the federal government to maintain funding allocations under the Community Building Fund and consider permanently doubling the funding.

- The City asks the federal government to consider starting the \$3B/year Permanent Transit Fund sooner than 2026-27 and to give municipalities the flexibility to use this funding to implement their priority transit projects.
- The City requests that the federal government extend the program end dates for the ZETF funding and the CIB financing programs, as well as roll out details for the Permanent Transit Fund as soon as possible.

Economic Development & Innovation

- Support economic development organizations to better support Black, Indigenous, People of Colour (BIPOC) owned businesses through new funding or by augmenting existing programs.
- Fund a pilot project in medical innovation and support Brampton in providing a pathway for startups and scale ups in the Innovation District for the City to become their first customer.
- Invest in Brampton's Innovation District for inclusive innovation, which is advancing Canada's position as a nation of innovators with a multicultural world-class Innovation District, an ecosystem that has hosted 3,288 sessions, and hired more than 50 employees.
- Clear backlog and administrative impediments for newcomer immigrant entrepreneurs with continued investment into the transit Visa Program facilitated by Brampton BHive and Altitude Accelerator.
- Promote Brampton as a national ecosystem through the Strategic Innovation Fund by working with the City of Brampton to integrate aspects from the Strategic Innovation Fund into the Brampton Innovation District.

Active Transportation

- Include longer-term sustainable funding to implement active transportation infrastructure and programs as part of the federal government's National Active Transportation Strategy.
- Increase the total amount of the Active Transportation Fund to help municipalities accelerate the implementation of active transportation programs and infrastructure.

*Total costs anticipated for this project are currently under review and will become better known as the EA process is finalized.

Climate Action

- Enhance parks and recreational opportunities, and protect natural systems by:
 - Delivering funds to municipalities to improve parks and other open spaces to provide nature-based play and restore ecosystems such as the proposed Fallingdale, Earnscliffe, and Eastbourne Parks Eco Space Retrofit projects in the Bramalea area of Brampton.
 - Funding the Eco Park Education Centre.
- Facilitate energy efficiency and greenhouse gas (GHG) reduction, as well as long-term reductions to the operational costs of houses and buildings by:
 - Providing funding for residential energy retrofit programs, such as the proposed Peel Residential Energy Program.
 - Offering financial incentives for the development of District Energy Systems in urban centres, mobility hubs and intensification corridors.
 - Providing seed funding to the Centre for Community Energy Transformation.
- Improve stormwater management, protect our waterways, and prepare for climate change by:
 - Providing financial support for programs focused on gray and green infrastructure improvements such as Brampton's Stormwater Retrofit Program.

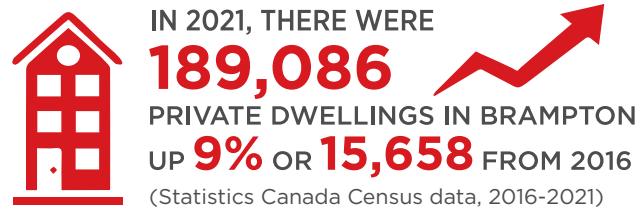


HOUSING



BRAMPTON'S HOUSING CONTEXT

The City of Brampton is the fastest-growing of Canada's 25 largest cities, and represents 90% of the net population growth within the Region of Peel between 2016 and 2021 (Statistics Canada).



Between 2021 and 2051, Brampton's population is forecasted to increase by an additional 317,000 residents, which would make the City home to over 1 million residents. Through extensive consultation undertaken through the 2040 Vision, Official Plan Review process, and Housing Brampton, our residents have identified significant challenges in keeping up with the rising costs of living. One of the main drivers is the increased cost of housing across Brampton.

Currently, housing costs are escalating at unprecedented rates, and rising real estate prices in Brampton are a significant barrier particularly for young adults, seniors, low and middle-income families and vulnerable populations.

The City has been a committed federal partner in ensuring our residents have access to the right mix of affordable housing options. Under 'Housing Brampton', the City has been working to improve housing affordability, diversifying our housing stock and applying innovative approaches to address the housing needs of our residents.

Housing Brampton's overarching principles to guide housing development in Brampton include reducing barriers to the supply of housing, making full use of regulatory tools, incorporating equity, collaborating with the non-profit sector, advocating for the right type of housing, and demonstrating innovation.

OUR ASKS

The City of Brampton asks the federal government to work with the City to explore all available tools, innovations and opportunities to deliver affordable housing options, including affordable ownership options and purpose-built rental units, to meet the diverse housing needs of all of Brampton residents (e.g. first time home owners, multigenerational families, new immigrants, seniors, students, etc.).

HOUSING BRAMPTON

Brampton is Ontario's per capita leader in housing construction and a number of deliverables of Housing Brampton focus on leveraging municipal tools. This includes financial incentives to support the provision of a full mix and range of housing options in Brampton.

Ensuring municipal fiscal sustainability is essential to preserving Brampton's ability to service and build complete communities. The City is committed to strategic intensification and the improvement of housing affordability to meet the forecasted population growth and corresponding demand for housing.

Housing Catalyst Capital Project

The City has established a new \$4M incentive program for new and affordable housing pilots. As a deliverable of Housing Brampton, this action supports collaboration with the non-profit sector and supports innovation in addressing housing needs. This is a deliverable of the greater incentives framework identified through Housing Brampton.

City-Wide Housing Incentive Program

The City recently initiated the development of a Housing Incentive Program - a key action identified in Housing Brampton. The Housing Incentive Program will be a framework of financial tools and incentives to encourage the development of purpose-built rental and affordable ownership housing. The program aims to deliver a greater depth of affordability to low and moderate income households in the City, and support the diverse needs of Brampton's residents.

Community Benefits Charges

The City has completed the 'Community Benefits Charges Strategy' and has adopted its Community Benefits Charges By-law. This by-law enables the City to apply growth related charges across a broad range of high-density residential developments, which may also include benefits in the form of affordable housing. The City supports municipal tools that allows for the development of complete communities as intensification in the built-up areas occur.

Inclusionary Zoning

The City is undertaking the development of its first Inclusionary Zoning policy framework, utilizing all available municipal tools to support new affordable ownership and rental units in Brampton. The City requires financial support from upper levels of government to administer this tool, including managing a wait list and monitoring and reporting on the new affordable units delivered through this program.

OUR ASKS

The City seeks federal supports, including direct financial commitments to ensure that vulnerable communities (low-middle income, refugees, international students, etc.) have access to a diverse range of housing options.

PUBLIC LAND FOR AFFORDABLE HOUSING

Non-profits, co-operatives and purpose-built rental developers face challenges with land costs.

Access to public land (either surplus, vacant or underutilized) can support innovative solutions to housing for vulnerable groups, including veterans and Indigenous populations. There is an opportunity for the federal government, in collaboration with the province, to donate or lease crown land to lower-tier municipalities including the City of Brampton, for affordable housing.

There is also an opportunity for the federal government to provide funding to lower-tier municipalities such as the City of Brampton to acquire land for housing projects and work in partnership with affordable housing developers and operators to build a full mix of affordable housing options.

OUR ASKS

The City calls on the federal government to donate or provide funding for land to the City of Brampton and non-profits for the development of affordable housing, including purpose-built rental and 'missing middle' housing solutions.

HOUSING ACCELERATOR FUND

The City has worked to leverage all available funding to support the development of new housing in Brampton. Brampton has partnered with the federal government through the Housing Accelerator Fund (HAF) to fast-track the construction of more than 3,150 residential units over the next three years and the development of more than 24,000 homes over the next decade.

Through HAF, the City submitted an action plan focused around eight initiatives, which are key actions identified by the City to support the delivery of new housing in Brampton over the next three years. We are grateful for the funding received through HAF which will support the City in advancing significant work to catalyze growth and development in Brampton.

The financial support from the federal government will be utilized to drive transformational change and create the conditions necessary for the right mix and range of housing supply in the City over the short and long-term to create complete communities.

Eight City Initiatives for HAF

1. Incentive Programs
2. Implementing Inclusionary Zoning
3. Unlocking Growth Potential via Rapid Transit
4. Revised Parking Standards
5. Encouraging Detached Additional Residential Units
6. Encouraging Missing Middle Units in Existing Neighbourhoods
7. Pre-Zoning in Strategic Growth Areas
8. Infrastructure and Servicing Capacity Planning

Housing, Growth & Infrastructure

The City issued over 7,871 building permits in 2023 representing over \$2.3B in construction value. \$1.3B of these investments were allocated for residential projects.

Over the past three years, an average of 6,680 residential units per year were approved through site plan and OPA/subdivision approvals.

To support unprecedented population and household growth, the City recognizes its important role in ensuring the creation of complete communities across the City. A significant increase in the City's rate of population growth will require:

- A full range of jobs and employment opportunities to support the economic growth and development of Brampton.
- A full mix and range of affordable, rental, and supportive housing options.
- Emergency services, community services, libraries, places of worship, etc.
- Open space, parks, and a connected natural heritage system.
- Cultural heritage and public art.
- Increased transit connectivity.

Brampton has been ranked 4th out of 16 GTA municipalities for the fastest average approval timelines (13 months) across all development application types.

*Building Industry and Land Development Association (BILD), 2022

Housing for International Students and Post-Graduate Workers

Canada's stable immigration system, which offers an easy pathway to employment and permanent residency after graduation, together with successful recruiting strategies by public and private colleges and universities, have made the Region of Peel, and in particular Brampton, very attractive for international students and postgraduate work permit holders.

The federal government's immigration policy has a major impact on population growth and many tax policies. Municipalities like Brampton are responsible for translating the impacts of federal immigration policy into local plans and capital projects to sustain the growth.

IN THE LAST 3 YEARS, BRAMPTON'S GROWTH INCLUDED

84,000 

net international migrants, which includes **18,000** non-permanent residents (mostly international students and associated people)

The net population growth in Brampton is predominantly international, including international students.

A vast number of legal and illegal second units and rooming houses are capturing the influx of student population in Brampton, with considerable impacts on safety as well as impacts on the City's infrastructure planning.

The City of Brampton and Sheridan College marked an important milestone in the development and launch of the Brampton Charter for Improving the International Student Experience. The creation of the Charter is the culmination of a community roundtable, an International Student Summit and the co-creation of a shared approach to actions, reporting, and accountability to improve the international student experience and its outcomes.

The City of Brampton Council passed a motion requesting that for every student visa issued, a direct linkage to appropriate accommodation, as coordinated by post-secondary institutions, referencing a home/housing address in close proximity to their community

of study consistent with local municipal housing by-laws. Council also called on the government to implement a more restrictive visa policy, including a cap on student permits issued annually and prioritization of student permits for post-secondary institutions implementing student housing plans.

Furthermore, federal funding for housing supportive infrastructure is required to support international students residing within municipalities like Brampton.

Brampton has more than **20,200** registered second units as of December 2023.

This is a 28% increase from 2022.



OUR ASKS

Planning for a new task force with the Province of Ontario, City of Brampton, educational institutions and Immigration, Refugees and Citizenship Canada (IRCC) to develop solutions, including financial supports, for safe, adequate and affordable housing for international students and postgraduate work permit holders.

Accelerated Growth

Brampton is a welcoming City. With a young and well educated population, a fast growing transit system, a vibrant economy, and easy access to the airport and highway networks, it is a great place to settle down and raise a family.

However, the accelerated provincial growth targets and higher immigration targets mean the City will require support from higher levels of government, both federal and provincial, to deliver on its housing initiatives and ensure essential services are in place for residents.

With this accelerated growth, we have seen an increase in the use of food banks - nearly doubling since the start of the pandemic. An estimated 70,000 residents across Peel Region now use a food bank, including over 20,000 children. The City passed a motion in 2023 advocating for all orders of government to address income and affordability challenges that are driving the demand for food banks.

With the recent surge of asylum claimants, the Region of Peel is facing an unprecedented number of asylum claimants accessing the shelter system. As a result, the Region's shelter system is operating at over capacity which could lead to asylum claimants being denied access to shelters. To address this issue, all levels of government will need to work together to ensure that our most vulnerable have the capacity to thrive.

Approximately 1 in 5 Brampton residents are considered to be living in unsuitable housing, with the national figure being approximately 1 in 10 as of 2021.

Additional funding is required for:

1. Hard infrastructure projects for both the City and Region of Peel, including transportation, water and wastewater infrastructure, specifically to help facilitate development in strategic growth areas. To accommodate this new accelerated growth and deliver the essential hard infrastructure needed to maintain already stretched existing service levels in Brampton, adequate and coordinated funding will be required.
2. Transit investment to increase public transit options, with a focus on investments in Higher Order Transit, including the Hurontario-Main Street Light Rail Transit (LRT) and the Queen Street-Highway 7 Bus Rapid Transit (BRT).
3. Soft infrastructure investments, including community and emergency services, libraries, parks, and open space.
4. Investment in economic growth and development of Brampton's industries to attract new employers and jobs to support employment of an estimated 400,000 new residents coming to the City by 2031. Between 2021 and 2051, Brampton's population is forecasted to increase by an additional 317,000 residents, making the City their home.



5. Investments in infrastructure that keep pace with growth associated with immigration.
6. The interim housing pressures resulting from increased volumes of asylum claimants.
7. Housing supportive infrastructure required to support international students residing within municipalities.
8. Addressing income and affordability challenges that are driving the demand for food banks.

Riverwalk

The City thanks the federal government for its commitment of up to \$38.8M towards Riverwalk flood mitigation project. Funding towards Riverwalk will allow Brampton to unlock its full potential and support the much needed housing developed to downtown Brampton.

Riverwalk - Return on Investment

- 7.7 : 1 Return on Investment (ROI)
- \$1.4B GDP impact
- 12,000 full-time years of employment
- 9M sq ft of new residential and non-residential gross floor area (GFA) - downtown Brampton and immediate surrounding area
- Thousands of new residential units

BRAMPTON IS A WELCOMING CITY LIVING THE MOSAIC

YOUNG, MULTICULTURAL WORKFORCE

250 different cultures,
speaking 171 languages

171

250

TOP 5 PLACES OF BIRTH FOR RECENT IMMIGRANTS (2016-2021)

Source: 2021 Statistics Canada

- 1 - India
- 2 - Jamaica
- 3 - Pakistan
- 4 - The Philippines
- 5 - Guyana

52.9%

PERCENTAGE OF RESIDENTS
BORN OUTSIDE OF CANADA



MORE SENIORS ARE CALLING BRAMPTON HOME

43%
ONTARIO



57%
BRAMPTON



Growth Projection

79,807 in 2020
to 125,544 by 2030

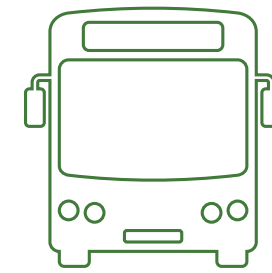


TRANSIT:

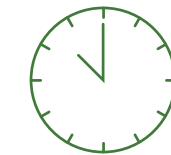
- LOCAL INITIATIVES
- REGIONAL IMPACTS
- HURONTARIO LRT EXTENSION
- QUEEN STREET - HWY 7 BRT
- TRANSIT ELECTRIFICATION

BUILDING A CONNECTED COMMUNITY

The City of Brampton is the fastest-growing of Canada's 25 largest cities. To address this rapid growth, we are creating a modern, integrated transit system by enhancing regional transit connections, increasing connectivity to transit infrastructure, offering sustainable transportation alternatives as well as implementing advanced and environmentally friendly technologies.



473
BUSES



1.3M
REVENUE SERVICE HOURS
(2022)



4 TRANSIT
TERMINALS



2 TRANSIT
GARAGE
FACILITIES
3RD FACILITY IN THE DESIGN PHASE

2,361
BUS STOPS



1,015
BUS SHELTERS
& ZUM STATION STOPS

45M
RIDERSHIP
FOR 2024



Brampton Transit is the fastest-growing transit system in Canada, with ridership significantly outpacing population growth. During the decade leading up to the COVID-19 pandemic (2009-2019), Brampton's ridership grew by 160%, with a 38% increase in the three years (2016-2019) leading up to the pandemic.



↑ 27%
Population
2009-2019

RIDERSHIP GROWTH & RECOVERY

160% ↑ Overall Ridership
2009-2019

38% ↑ Pre-COVID Ridership
2016-2019

30%+ ↑ Ridership Rebound
increase from pre-COVID levels

This ridership growth was unprecedented compared to the average increase in Ontario of 2.3% and the national average increase of 6.9% over that same three year period (as per the Canadian Urban Transit Association).

Brampton Transit is also the first transit system in the country to not only fully recover, but also exceed its pre-pandemic ridership levels. As of November 2023, Brampton's year-to-date ridership is approximately 30% higher than pre-pandemic levels.

While the City has received some funding in the past, it has not received the same level of funding as other municipalities.

ENHANCING REGIONAL CONNECTIONS

A renewed federal investment in key infrastructure for our rapidly growing community will ensure Brampton's success and continued contribution to the economy.

Completion of the Hazel McCallion Line

The Hurontario-Main Street Light Rail Transit (LRT), known as the Hazel McCallion Line, will be an integral part of the overall GTHA transportation network. The Line connects to GO Transit's Milton and Lakeshore West rail lines, Mississauga's MiWay, and the Mississauga Transitway along Highway 403, supporting Canada's Innovation Corridor. This is how the Hazel McCallion Line was originally envisioned in 2014.

Completion of the Hazel McCallion Line (tunnel option) is expected to generate over 17,000 job-years!

The Line connects to GO Transit's Milton and Lakeshore West rail lines, Mississauga's MiWay, and the Mississauga Transitway along Highway 403, supporting Canada's Innovation Corridor. This is how the Hazel McCallion Line was originally envisioned in 2014.

This Line also connects to the Hurontario-Steeles Gateway Mobility Hub, a vital connection within the City and a gateway to the Downtown Brampton Anchor Mobility Hub and Urban Growth Centre.

The completion of the Hazel McCallion Line from Steeles Avenue to Brampton GO Station, fills a notable gap in the regional rapid transit network by connecting the Line directly to the Kitchener GO Rail line (Brampton

GO Station), existing Brampton Transit and Züm service, and future higher-order transit service on Queen Street. It will improve the functionality, resiliency, efficiency, and convenience of the higher-order transit network in Brampton and beyond.



HOUSING IMPACTS 32,256 NEW RESIDENTIAL UNITS

based on data within a 500m radius along the LRT Hurontario Street Corridor -
CURRENTLY 19,366 PROPOSED RESIDENTIAL UNITS,
plus the projected growth in Downtown Brampton -
northern part of LRT extension - with approximately
12,890 UNITS OVER THE NEXT 10 YEARS



GHG EMISSIONS REDUCTION UP TO 2,936 tonnes OF GHG EMISSIONS REDUCTION ANNUALLY *FOR THE YEARS 2030-2050

OUR ASKS

Light Rail Transit (Hazel McCallion LRT) Phase 2 Extension Investment Needed: \$2.8B
\$1.4B - Federal funding required
\$1.4B - Provincial funding required

LRT PREFERRED TUNNEL ALIGNMENT

The tunnel alignment has distinct benefits for a vibrant downtown:

- **Time savings.** The tunnel alignment will travel from Steeles to downtown Brampton in about 7 minutes. This is:
 - o almost 40% faster than current Züm BRT service (11 mins)
 - o almost 25% faster than proposed surface alignment of the Hazel McCallion LRT (9 mins)
 - o and almost 3.5x faster for auto trips travelling the same corridor with the surface LRT (24 mins)
- It is **easier to extend** the line further north along Main Street as intensification builds north of Downtown Brampton.
- It will be **more reliable** compared to a surface alignment as all of the supporting infrastructure is underground.
- Peak **ridership will increase** by a further 5% over the surface alignment.

By comparison, the surface alignment:

- Makes it more challenging to harness downtown Brampton as a place-making destination (e.g. Farmers' Market and New Year's Eve celebrations) which would attract more intensification and more passengers on the Hazel McCallion LRT.
- Will require Main Street to be closed to traffic through the downtown when maintenance needs to be performed on both the Hazel McCallion LRT and other City infrastructure (e.g. street lighting).
- Has various operations and maintenance risks, particularly through downtown Brampton when the Hazel McCallion LRT will be in mixed traffic (e.g. accidents can affect LRT operations or disabled LRT vehicle could stop traffic).
- Has impacts to heritage listed properties close to downtown Brampton.

The completion of the Hazel McCallion Line will support higher-density, mixed-use, and pedestrian-friendly development oriented to transit. This higher level of transit will be attractive to particular segments of the population Brampton is hoping to attract to the downtown core, and will support various projects throughout the City.

The LRT Extension Study evaluated LRT options in a multi-level process. Over the course of the study, the options were evaluated, presented to the public and narrowed down to one surface and one underground for preliminary design.

On January 17, 2024 the Committee of Council approved commencement of Transit Project Assessment Process (TPAP) for the tunnel alignment. The tunnel alignment represents significant travel time savings with travel from Steeles Avenue to Downtown Brampton in about 7 minutes as compared to:

- almost 40% faster than current Züm BRT service (11 mins)
- almost 25% faster than proposed surface alignment of the LRT (9 mins)
- and almost 3.5x faster for auto trips traveling the same corridor with the surface LRT (24 mins)
- almost 25% faster than proposed surface alignment of the LRT (9 mins)
- and almost 3.5x faster for auto trips traveling the same corridor with the surface LRT (24 mins)

Following commencement of TPAP for the tunnel alignment, the next steps include approval from the Ministry of Environment, Conservation & Parks and forwarding project documents to Metrolinx.

The City will continue to advocate with the federal and provincial governments for the necessary funding to advance this critical project.

Queen Street - Highway 7 Bus Rapid Transit (BRT)

Queen Street is the busiest transit corridor in Brampton, serving more than 36,000 transit customers per day on Züm and local routes and providing connections to York Region, the TTC Subway System, as well as major north south transit routes.

Why BRT on Queen?

- Highest growth corridor in Brampton.
- More than **36,000 transit customers per day.**
- Nearly **50% population growth** anticipated in the next 25 years.
- **174% ridership growth** in the last 10 years.

The Queen Street-Highway 7 BRT project will improve connections between the Downtown Brampton Urban

Growth Centre, the Bramalea City Centre area, the Urban Growth Centre at Vaughan Metropolitan Centre, as well as the large concentrations of employment in East Brampton and Vaughan.

The Queen Street BRT represents a major opportunity to introduce the next level of transit service along a corridor in Brampton that will see significant population growth and development.

OUR ASKS

Queen Street—Highway 7 BRT
Investment Needed: \$500M*
\$250M - Federal
\$250M - Provincial
**Total costs anticipated for this project are currently under review and will become better known as the EA process is finalized.*

The Queen Street Corridor

The Queen Street corridor is expected to see nearly 50% population growth in the next 25 years. This is on top of an increase of 174% in transit ridership growth in the 10 years prior to the pandemic (2009-2019).

Transit demand will continue to increase as the Queen Street Corridor attracts significant growth through revitalization and intensification that will continue transforming the area into a transit and pedestrian oriented district.

The Hazel McCallion LRT, Queen Street - Highway 7 BRT and electrification of the third transit facility directly support Ontario's Bill 23. The City of Brampton will need federal support and funding to make these projects a reality.

The Queen Street BRT will help foster intensification along this Major Transit Station Area (MTSA) and will connect a number of residential, employment, community and recreational destinations within Brampton and York Region.

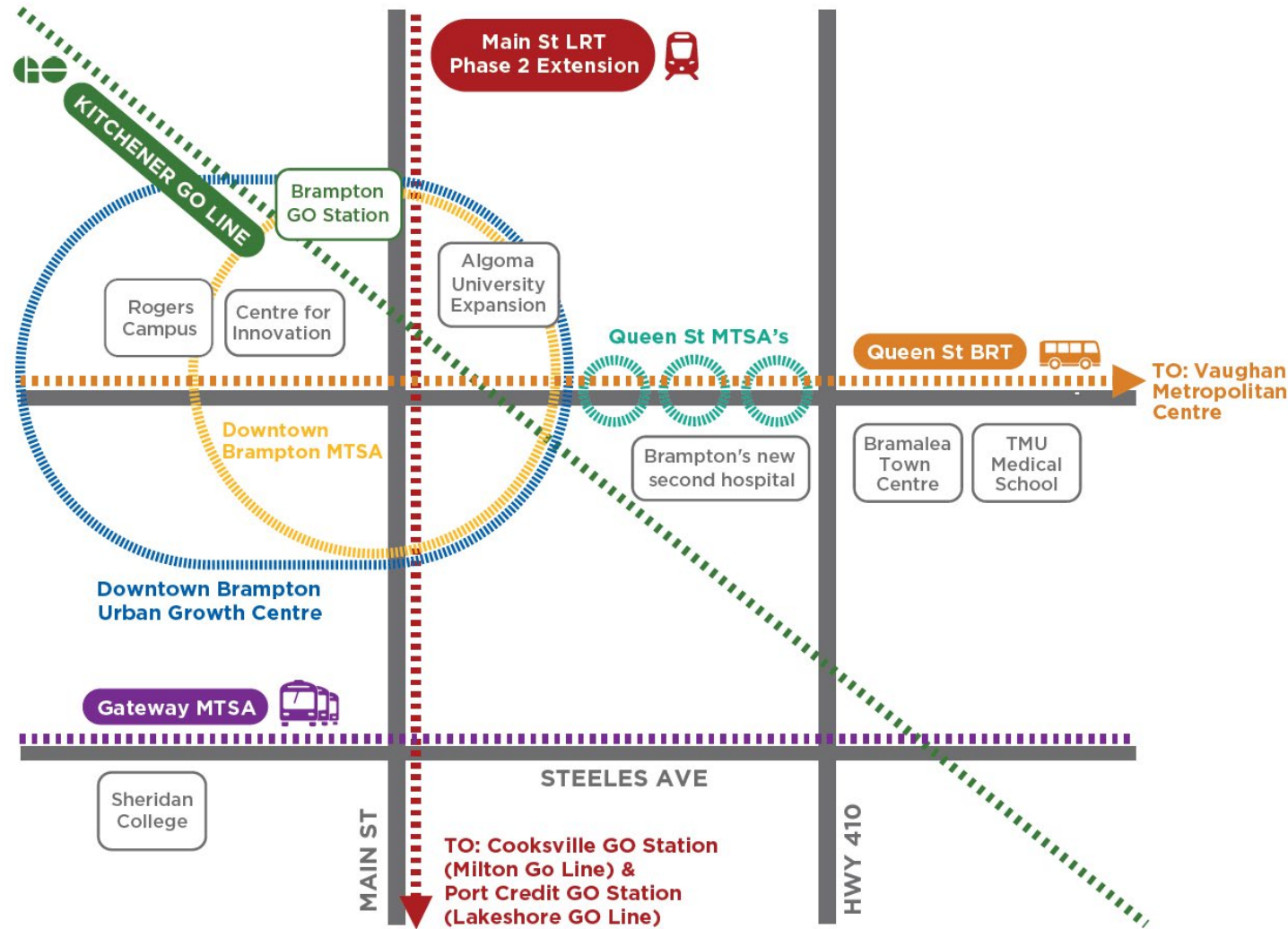
The BRT will also help achieve the City of Brampton's 2040 Vision of integrated transportation choices and new modes, sustainability, and emphasis on walking, cycling and transit by adding a higher level of transit service tightly linked to the regional transit network.

Table 1: Existing and Anticipated Growth along the Queen Street Corridor

Development	Existing	Proposed	Total
Residential	18,305 units	32,000 units	48,305 units
	65,898 residents	116,000 residents	181,898 residents
Industrial, Commercial, Institutional	2,133 units	8,460,574 sq ft	2,133 units
			8,460,574 sq ft

THE BIG PICTURE

Investment in higher-order transit, including the Hazel McCallion Line, the Queen Street BRT and electrification of our transit system will ensure that Brampton continues to grow and attract well-paying jobs, while enabling new growth and development to help meet provincial policy priorities.



DOWNTOWN BRAMPTON HOUSING STARTS POTENTIAL*

12,890
NEW RESIDENTIAL UNITS

(approval process in the broader downtown area by 2031 - SPA designation removal required)



1,227

RESIDENTIAL UNITS CURRENTLY PROPOSED IN THE RIVERWALK STUDY AREA

*Subject to removal of the provincial Special Policy Area designation.

Transit Electrification

The City of Brampton is building a third transit facility because transit cannot accommodate future growth in its two existing facilities. Brampton's recovery from the pandemic and continued ridership growth has further demonstrated the urgent need for this facility.

Third Transit Facility construction is expected to generate over 3,400 job years, and ongoing operations would provide up to 1,000 well paying jobs.

The City has secured \$175M of funding through the Investing in Canada Infrastructure Program (ICIP) towards the phase one base build (non-electrified) of the facility. Design of the phase one base build is currently underway. As the design progresses, the cost of the base facility will be better known.

The City is also working with senior levels of government to obtain \$150M required to electrify this new facility in order for Brampton Transit to accommodate additional electric buses into its fleet.

The electrification of transit is a critical milestone in the City's journey to reduce GHG generated in Brampton by 80% of 2016 levels by 2050. The implementation of up to 450 Zero Emission Buses (ZEBs) are estimated to save up to 115 tonnes of carbon emissions per bus, per year, totaling approximately 53,000 tonnes annually. This is equivalent to removing approximately 12,000 passenger vehicles from the road.

Immediate Pressures

- Number of buses coming on line to meet the ridership needs
- Capacity
- Servicing requirements

OUR ASKS

The City of Brampton is committed to transit electrification, including the electrification of the third Transit facility. In order to fund the other 50% of these critical projects, not covered through the Zero Emission Transit Fund, additional infrastructure funding is required.

LEADING IN TRANSIT ELECTRIFICATION

Brampton is committed to decarbonizing its transit fleet and facilities in order to meet the City's corporate GHG emission reduction targets. Over the past several years, Brampton has continued to partner with the federal government and be a leader in electrification within the transit industry.

The City thanks the Government of Canada for its \$11.2M investment towards phase one of Brampton's e-bus trial and looks forward to future partnerships to further electrify transit in the City of Brampton.

In 2021, Brampton launched the largest global deployment of interoperable battery electric buses and high-powered overhead opportunity chargers.

In 2022, Brampton:

- Secured financing of up to \$400M from the Canada Infrastructure Bank to support the purchase of up to 450 electric buses by the end of 2027 - its largest municipal transit investment to date.
- Submitted a funding application for \$75M (50% of total project costs) for its third transit facility electrification through the federal Zero-Emission Transit Fund (ZETF). This funding amount may change as we are working on cost estimates.
- Submitted a consolidated Expression of Interest for the following electrification projects through ZETF (50% federal funding contribution):
 - o Purchase of approximately 100 ZEBs (40ft and 60ft) - \$90M (\$180M total costs)
 - o On-street charging infrastructure - \$31.5M (\$63M total costs)
 - o Electrification retrofit - Sandalwood Facility - \$30M (\$60M total costs)
 - o Electrification retrofit - Clark Facility - \$30M (\$60M total costs)

*Total costs anticipated for these projects are currently under review and will become better known as project planning continues.

- Initiated a ZEB Implementation Strategy & Rollout Plan with Canadian Urban Transit Research & Innovation Consortium (CUTRIC), to guide the transition to a fully electric, zero emission fleet (funded 80% through ZETF) and provide a blueprint for electrifying the City's transit facilities.

The City is planning to add 10 new battery electric buses to its fleet in 2025. The City is also exploring new technologies such as diesel to electric bus conversions and hydrogen fuel cell electric buses to expedite the transition to zero tailpipe emissions.



Adding 10 more electric buses in 2025 as part of the City's transitions to a fully electric zero emission transit fleet.

Federal funding programs like the Zero Emission Transit Fund will provide up to 50% funding towards eligible costs associated with municipal electrification projects. While this is a big step in the right direction, municipalities are not in a position to fund the remaining 50% of these large transit infrastructure projects and require further support from higher levels of government.

Brampton Transit is a committed partner for both federal and provincial governments as we work together to build a sustainable and emissions-free transit system in our City.

Our ambitious plans for a zero emission transit system directly support the federal priority of realizing Canada's emissions targets. We look forward to working with the federal government to support the Brampton community with these important transit initiatives to help meet the future demand for transit, enhancing regional connections and supporting the growth of a diverse, dynamic and fast growing city.



INVESTMENT IN BRAMPTON TRANSIT SUPPORTS

GROWTH - 113,000 NEW RESIDENTIAL UNITS
(Brampton's provincial housing pledge)

SUSTAINABILITY - 55,936 TONNES OF GHG REDUCTION ANNUALLY
(Electrification = 53,000, LRT Extension = 2,936)

INNOVATION - 450+ ZERO EMISSION BUSES
(ZEBS - when fleet fully electrified)

OUR ASKS

The City requests the federal government extend the program end dates for the ZETF funding and the CIB financing programs, as well as roll out details for the Permanent Transit Fund as soon as possible.

FAIR SHARE FOR BRAMPTON

While the City has received some transit infrastructure funding in the past, it has not received the same level of funding as other municipalities, despite our unprecedented ridership and population growth.

Brampton Transit has experienced unmatched demand for service with the fastest post-pandemic ridership recovery in the GTHA.



FAIR FUNDING ALLOCATION NEEDED FOR RAPIDLY GROWING TRANSIT SYSTEMS

2019 BRAMPTON TRANSIT

UP TO **47%↑** RIDERSHIP
higher than York Region Transit, London or Hamilton

6%↓ LESS FUNDING
through the ICIP

40M+ RIDES 2023

90%+↑ SINCE 2015

The following table demonstrates Brampton's need for transit infrastructure investments and provides context for our fair funding allocation request.

Transit Investments Comparison Table

GTHA Rapid Transit Projects	Municipal Population (2021 Census)	Total Cost of Project(s)	Provincial Funding	Federal Funding	Provincial & Federal Funding per Capita	Change in Transit demand between 2009 and 2019	Covid Ridership Recovery (YTD 2023 (as of August))
City of Toronto* • Scarborough Subway Extension • Ontario Line • Finch West LRT • Eglinton Crosstown	2,794,356	\$39.8B	\$31.32B ✓	\$8.48B ✓	\$14,240	12%	-22%
City of Hamilton Hamilton LRT	569,353	\$3.4B	\$1.7B ✓	\$1.7B ✓	\$5,970	3%	-4%
City of Brampton • Brampton LRT Extension (Tunnel) • Queen St-Highway 7 BRT	656,480	\$3.3B	\$1.65B ?	\$1.65B ?	\$5,030	160%	+30%

Notes: *City of Toronto projects does not include Yonge Subway Extension as it is primarily a York Region Project.
✓ - funding received ? - funding requested

Canada Community Building Fund

The City of Brampton uses the Canada Community Building Fund (CCBF) to support key infrastructure projects relating to transit. We appreciate the federal government's partnership with municipalities like Brampton to maintain and grow transit and other critical infrastructure.

OUR ASKS

The City asks the federal government to maintain funding allocations under the Community Building Fund and consider permanently doubling the funding.

Permanent Public Transit Fund

The City of Brampton has participated in recent consultations regarding program design for the future Permanent Transit Fund and provided comprehensive input to Infrastructure Canada and other stakeholders. Through these consultations it has become clear there is an immediate need for permanent transit funding, prior to 2026-27.

Municipalities have also expressed a need to utilize this funding to address their unique priority transit projects. It is essential that Brampton receive a fair share of the Permanent Public Transit Fund, as the fastest growing of Canada's big cities with a rapidly expanding transit system.

OUR ASKS

The City asks the federal government to consider starting the \$3B/year Permanent Public Transit Fund sooner than 2026-27 to give municipalities the flexibility to use this funding to implement priority transit projects.



ECONOMIC DEVELOPMENT & INNOVATION

Brampton is in the midst of exciting transformation, as the fastest growing city scales two national centres of excellence in cybersecurity, real time Unity 3D content creation, and transformative planned investments in innovation, space robotics, e-gaming, medtech, and electric vehicle manufacturing.

INNOVATION DISTRICT

The City of Brampton is growing at 10.6% and continues to revitalize and unlock the economic potential of its downtown by scaling an innovation and entrepreneurship ecosystem: the Brampton Innovation District.

The City has committed to investing approximately \$20.5M in its Innovation District, with an additional approximately \$55.2M in investments being drawn in by Innovation District partners. In May 2023 the Centre for Innovation - Request for Expression of Interest was issued publicly. The transit oriented community planning via the Hazel McCallion line and current Metrolinx GO stations, as well as integrated walkable, affordable housing is part of the urban design of Brampton's Innovation District to create a 15 minute neighbourhood for tech founders and entrepreneurs.

The Innovation District is located in the heart of Downtown Brampton. The district is home to a network of companies, educational institutions, incubators and accelerators, all part of an innovation ecosystem providing resources and supports for technology businesses at all stages of development from startups to large companies.

As an ecosystem model, the award-winning Brampton Innovation District is now representing Canada in The Global Institute on Innovation Districts. The Brampton Innovation District is a member of The Global Institute on Innovation Districts, as it scales more than 217 startups in critical fields of cybersecurity, health, digital media, smart cities, medtech, cleantech, and agritech.

We thank the federal government for enhancing the Brampton Innovation District by recently designating the Altitude Accelerator as the second ecosystem partner for Start-up Visa Program, as well as for its FedDev investment for Altitude Accelerator for Brampton Angels (a not-for-profit organization of accredited investors) to help companies become market leaders in their industry.

We applaud the Government of Canada for supporting the space economy, in particular MDA, reiterating that as the Earth to Moon economy emerges, further investment in space will only serve to strengthen the opportunity for the domestic space industrial base in Canada and help to expand it globally.

The new MDA Space Robotics Centre of Excellence will develop leading-edge technologies in commercial space robotics and will create and sustain **more than 700 long-term, high-skilled jobs at its Brampton headquarters.**

Small businesses are the lifeblood of Brampton, and we continue to attract new investments. In 2022, over 90,000 businesses chose to call Brampton home. Our Innovation District provides a supportive and innovative environment for vibrant entrepreneurial activity and we work hard to support and promote our small businesses and entrepreneurs.

Black, Indigenous, People of Colour (BIPOC) often face barriers to financing, market opportunities and networks which are key to successfully launching a business or being able to grow and flourish. Brampton looks to work closely with our partners and all levels of government to ensure BIPOC-owned businesses succeed and are able to contribute to the rich fabric of our city.

OUR ASKS

Sustain Brampton to continue its urban growth with funding in industry sectors such as medtech, electrification, cybersecurity, food sustainability. MDA is generating a new era for Canada in robotics, satellite systems and geointelligence.



- | | |
|--|---|
| 1 Brampton Entrepreneur Centre | 9 Chang School of Continuing Education |
| 2 Altitude Accelerator | 10 Sheridan Edge |
| 3 Founder Institute | 11 Algoma University |
| 4 Brampton Venture Zone | 12 Brampton Economic Development Office |
| 5 Rogers Cybersecure Catalyst – Headquarters | 13 Downtown Brampton BIA |
| 6 Rogers Cybersecure Catalyst - Cyber Range and Cyber Accelerator | 14 Brampton Board of Trade |
| 7 Sheridan Edge | 15 Future Centre for Innovation – COMING SOON |
| 8 Rogers Cybersecure Catalyst - Accelerated Cybersecurity Training Program | 16 BHIVE |



The City has built strong partnerships and many of our partners are steadily growing in demand for their services and supports as Brampton leads population growth among Canada’s twenty-five largest cities according to the latest 2021 Census data. Federal support is essential to ensure Brampton’s Innovation District continues to develop and scale-up, making a meaningful contribution to the regional and provincial economy, building out National Centres of Excellence, and continuing to further Canada’s leadership in tech-led innovation.

We thank the federal government for the continued and expanded support in building Brampton into one of the nation’s top centres for cybersecurity, further building on Brampton’s strength as centrally located in Canada’s Innovation Corridor.

With Brampton’s more than one dozen innovation partners, we are asking for an investment focused on Brampton’s world-class Innovation District. This can further lead to growth and expansion of job creating tech companies, as well as continuing to support the internationalization of Brampton’s Innovation District by supporting our innovation partners responsible for landing global startups to deal with immigration backlogs.

OUR ASKS

Federal Support for Brampton’s Innovation

Invest in Brampton’s Innovation District for inclusive innovation, which is advancing Canada’s position as a Nation of Innovators. With a diverse, world-class Innovation District bringing together more than a dozen partners to scale start-ups with partners such as: Rogers Cybersecure Catalyst, Brampton Venture Zone, Founders Institute, Altitude Accelerator, Algoma University, Brampton Entrepreneur Centre, Sheridan Edge, Founders Institute, and Brampton Bhive, which as an ecosystem has hosted 3,288 sessions, and hired more than 50 employees.

Clear backlog and administrative impediments for newcomer immigrant entrepreneurs with continued investment into the Start-up Visa Program and soft-landings facilitated by Brampton BHive and Altitude Accelerator.

Promote Brampton as a National Ecosystem through the Strategic Innovation Fund, by working with the City of Brampton to integrate aspects from the Strategic Innovation Fund into the Brampton Innovation District.

FOOD PROCESSING

Strengthen Brampton to continue to be North America’s #1 Food Processing Sector for food security and food innovation. We thank the federal government for its investments in Brampton’s food and beverage companies. We look forward to showcasing the milestones of Brampton’s food sector at the Second Annual 2024 Brampton Food Summit.

MEDICAL TECHNOLOGY

The City of Brampton has established a Med Tech Task Force to support startups and existing businesses in medical technologies. The goal of the Task Force is to advance medical innovation, including Council’s priority for establishing post-secondary medical education and institutional uses benefitting residents and businesses.

The Task Force will help find new ways to attract investment to support science, research and commercialization, foster the development of Brampton’s health technology ecosystem and support the development of highly skilled jobs and training opportunities for the medical industry.

GLOBAL INVESTMENT

Continue to make Brampton a global destination for foreign direct investment, especially in medtech, cybersecurity, and sustainability. We thank the federal government for its regular funding via Global Affairs and the support from the Trade Commissioner Service with Economic Development opportunities. We welcome funding for flagship international conferences and investor meetings to be held in Brampton.



Sheridan College - Centre for Advanced Manufacturing and Design Technologies (CAMDT)

THE GLOBAL INSTITUTE ON INNOVATION DISTRICTS

Is a global-reaching not-for-profit organization dedicated to conducting independent and practice-oriented research on innovation districts—new geographies of innovation emerging primarily in cities and urbanizing areas. Drawing on deep analytics and proven impact, The Global Institute seeks to identify how districts transform into new engines of city and regional economic growth. Brampton now represents Ontario as one of the 43 District Members.

MEDTECH INNOVATION

The Brampton Innovation District is scaling 200+ startups, many of which have business models in medical innovation, and in the near future digital medicine. The William Osler Health System expansion along with TMU School of Medicine will generate new R&D opportunities, new supply chains, and new industry innovations. In May, the City launched its first ever MedTech Task Force to foster investment, research and innovation in Brampton.

Catalyst in its first-of-its-kind efforts to train executive leaders, graduate diverse talent, develop cyber policy, scale startups, and train small and medium enterprises.

Continuing the investments in career and talent development pathways in Brampton will generate inclusive future ready jobs. Examples include the Brampton BReady Talent Platform, the Metrolinx collaborations, and the designated learning institutions offering industry-ready and post-secondary training in areas such as health and medicine, cybersecurity, business, and advanced manufacturing.

The new BReady Talent Platform, launched in July 2023, is a virtual marketplace connecting talent with employers hiring for tech and business roles in Brampton. Focused on helping new immigrants, recent graduates, and individuals from racialized communities gain meaningful employment, the platform matches candidate profiles with relevant employers hiring for full-time roles. The BReady platform is presented by TMU Brampton Venture Zone, Brampton Board of Trade and Talent Accelerator at TMU.

With Brampton's growth comes increasing diversity with the City demographic now speaking 171 languages among 250 ethnic backgrounds. We thank the federal government for continued and expanded support in building Brampton into one of the nation's top centres for cybersecurity. This builds on Brampton's strength as centrally located in Canada's Innovation Corridor.

FEDERAL SUPPORT FOR BRAMPTON'S INNOVATION

Invest in Brampton's Innovation District for inclusive innovation, which is advancing Canada's position as a Nation of Innovators.

With a diverse, world-class Innovation District bringing together more than a dozen partners to scale startups with partners such as: Rogers Cybersecure Catalyst, Brampton Venture Zone, Founders Institute, Altitude Accelerator, Algoma University, Brampton Entrepreneur Centre, Sheridan Edge, Founders Institute, and Brampton BHive, which as an ecosystem has hosted 3,288 sessions, and hired more than 50 employees.

Clear backlog and administrative impediments for newcomer immigrant entrepreneurs with continued investment into the Start-up Visa Program and softlandings facilitated by Brampton BHive.

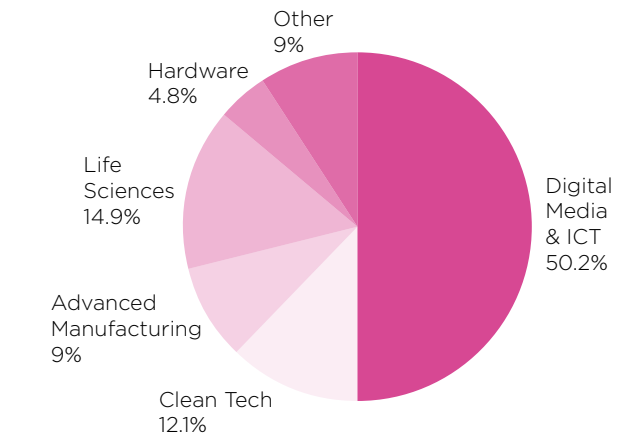
Promote Brampton as a National Ecosystem through the Strategic Innovation Fund, by working with the City of Brampton to integrate aspects from the Strategic Innovation Fund into the Brampton Innovation District.

The Brampton innovation and entrepreneurial ecosystem is growing in a city that is growing at 10.6 per cent. However, the region has been underserved in accessing an Angel Network. Altitude Accelerator has been working with Angel Investors Ontario, to structure an Angel Group that reflects the vibrancy of the City and harness the opportunity for companies to grow. The launch of this new group will be pivotal for regional growth.

The Altitude Accelerator Impact

\$575M Total Funding **\$421M** Revenue **2520+** Jobs in 2020

Client Portfolio:



The City has built strong partnerships, and many of our partners are steadily growing in demand for their services and supports such as the Altitude Accelerator. Federal support is essential to ensure Brampton's Innovation District continues to develop and scale up, making a meaningful contribution to the regional and provincial economy, and helping further the province's ambition to support 10,000 companies and 50,000 jobs.

The Brampton Innovation District, now representing Ontario as a member of the Global Institute on Innovation Districts strengthens the innovation ecosystem in the City. By supporting Regional Innovation Centres like Altitude Accelerator, the district will generate regional investment via Brampton Angels (a not-for-profit organization of accredited investors), while creating high quality jobs in digital media, advanced manufacturing, life sciences, medtech, cleantech, and agritech.

REALIZING BRAMPTON'S FULL POTENTIAL

Brampton is leading an award-winning, globally recognized Innovation District that is scaling more than 200+ startups with more than 150 employees in the core of the Innovation District. The Brampton Innovation District is now the only Ontario representation in the Global Institute of Innovation Districts.

Strengthen cyber resilience by continuing to support cybersecurity by investing in Rogers Cybersecure

Altitude Accelerator is Growing

FedDev has indicated interest in working with Altitude to develop a cleantech hub for the Region including a physical location and world class programming. The development of the proposal, a physical site and programming requires a commitment from all levels of government including Ontario. This would lead to significant job creation in developing globally competitive low-carbon technologies.

ROGERS CYBERSECURE CATALYST


The Catalyst helps Canadians and Canadian businesses tackle the challenges of cybersecurity. It is a not-for-profit organization, owned and operated by Toronto Metropolitan University (TMU). The Catalyst's base funding is provided by the federal government, City of Brampton, Rogers and RBC. The Catalyst works closely with the government of Ontario to support the province in advancing cybersecurity across the broader public sector.

In Brampton, The Catalyst operates in three areas:

1. **Cyber Range**, one of very few in Canada, provides an ultra-realistic environment for experiential learning.
2. **Catalyst Cyber Accelerator**, is the only commercial accelerator of its kind in Canada, and is designed to help early-stage cybersecurity companies grow into industry leaders.
3. **The Accelerated Cybersecurity Training Program (ACTP)** is an intensive cybersecurity training and certification program designed to give women, newcomers to Canada, and displaced workers the skills they need to launch a career in the cybersecurity sector.


Rogers Cybersecure Catalyst Program launches have included: Cyber Talent Transformation Initiative, Virtual Cyber Camp for Girls and Responsible Technology Policy Training Micro-Credential, Catalyst Cyber Range Capstone Program for Diverse Learners.



 **594** Trained Graduates from Rogers Cybersecure Catalyst and Algoma University

 **157** People Employed by Innovation District Partners

 **128** startups launched and businesses started

 **53** patents filed by companies/alumni

51 International startups accepted into BHIVE



OUR ASKS

Catalyst intends to open the National Municipal Cybersecurity Centre, which will serve as a key national hub for readiness coordination, exchange of best practices, and the development of best-in-class training for municipal staff, in both technical and non-technical roles.

Catalyst would welcome the Government of Canada's support in bringing this vital new centre to life.

CENTRE FOR COMMUNITY ENERGY TRANSITION

The Centre for Community Energy Transition, which will generate technical jobs in deep energy home retrofits, and low carbon jobs. Identified as a catalytic action in the Brampton 2040 Vision, the CCET is a community-based, not-for-profit organization that will lead the energy transformation in Brampton and the broader Region of Peel. CCET will help transition our communities towards a low-carbon future and act as a catalyst in implementing the Community Energy and Emissions Reduction Plan (CEERP).

OUR ASKS

The federal government support low-carbon job development with the Centre for Community Energy Transition, recently awarded in Canada's Clean50 as exceptional contributors to the clean economy.





ACTIVE TRANSPORTATION

Building on Brampton's commitment to sustainability, the City is equalizing all forms of transportation and is focused on enhancing and expanding active transportation infrastructure. Since endorsing its first Active Transportation Master Plan in 2019, the City has added 62 kms of new cycling infrastructure, and currently boasts a network of over 600 kms of bike lanes, multi-use paths, and recreational trails. The City is planning for the implementation of an additional 29 kilometers of cycling and walking infrastructure. The City's proposed 20-year active transportation network has been costed at a value of approximately \$126.6M.

INTER-REGIONAL CONNECTIONS

The City is undertaking the necessary review to develop a design for the following interregional cycling connection:

- Southern limit of Bramalea Road to the Bramalea GO Station. This connection will provide a much needed protected Active Transportation connection between the adjacent communities (served by the Chinguacousy/Esker Lake and Don Doan Recreational Trails) to the regional transit station and through the existing industrial land adjacent to the north side of Steeles.

One of the key goals of the City's Active Transportation Master Plan is to improve access to transit and provide viable active transportation options for the 'first and last mile'. There are a number of ongoing and planned active transportation initiatives to support major transit investments in the City through first and last mile connections. The Kitchener to Toronto regional GO Transit rail service line runs through Brampton, and the City has established its Züm bus rapid transit network which are key infrastructure pieces benefiting from the City's investment in walking and cycling infrastructure in the vicinity of transit stations and the recent introduction of shared micromobility in the City.

PRIORITY NETWORK & THE 'B' LOOP

The City's Active Transportation Master Plan (ATMP) recommends developing a core cycling network built around a central "signature" loop and several key east / west routes as a short-term priority.

The development of the signature Brampton loop ('B' Loop) includes trail connectivity and accessibility improvements between the Etobicoke Creek Trail, Chinguacousy Recreational Trail and Esker Lake Recreational Trail.

The loop would link to downtown Brampton, Heart Lake Conservation Area, Franceschini Bridge, Kennedy Valley/Brampton Sports Park, Bramalea Limited Community Park, Chinguacousy Park, Peel Village and several recreation centres and schools.

The loop would be promoted and marketed by the City and regional partners as a safe, user-friendly route for riders of all ages and abilities.

\$1M Priority Network and the 'B' Loop investment to advance a safe, user-friendly active transportation network for users of all ages and abilities.

FIX-IT PROGRAM

The Active Transportation Master Plan's "Fix-it Program" is an implementation tactic focused on enhancing the existing network by completing critical gaps with proper pedestrian and/ or cycling crossings. In 2022, the City of Brampton implemented proper crossings (pedestrian crossings, signalized crossings or uncontrolled crossings) at 11 locations where recreational trails or primary park paths intersect with existing roadways and in 2023, plan to implement an additional 45 crossings.



E-SCOOTER PILOT

The City of Brampton, in partnership with Neuron Mobility, Bird Canada and Scooty Mobility, has launched the GTA's first ever shared E-scooter program.

During the two-year pilot, up to 750 scooters will be available for public use across the City of Brampton. Over 200,000 rides, traveling over 400,000 kilometers, by over 110,000 users were taken in Brampton in the first year of the pilot.

The City of Brampton is prioritizing active transportation programs and plans in an effort to build more connected communities, creating a wholesome active transportation network integrated with complete streets.



Illustration is Artist's concept. E. & O. E.

Active Transportation and micromobility present one of the greatest untapped opportunities for reducing single occupant vehicle trips, and for addressing a host of community design and public health issues. The E-scooter program is one way the City of Brampton is working to capitalize on the construction of a comprehensive Active Transportation Network.

OUR ASKS

The City requests the federal government provide longer-term sustainable funding to implement active transportation infrastructure and programs, in particular, first and last mile solutions that help support public transit, as part of the Federal Government's National Active Transportation Strategy.

Brampton requests that the total amount of the Active Transportation Fund be increased to help municipalities accelerate the implementation of active transportation programs and infrastructure.



CLIMATE ACTION

SUSTAINABLE AND RESILIENT BRAMPTON

Successfully addressing climate change depends on collaboration among community partners including businesses, institutions, non-profits, residents and other levels of government. Building on Brampton's commitment to sustainability, the City has been working on improving transit and active transportation opportunities, and achieving energy efficiency and Greenhouse Gas (GHG) reduction. The City is grateful for funding received from the Growing Canada's Forests (GCF) program for Brampton's 1 Million Trees Program. We count on the federal government to help revitalize natural spaces and the urban tree canopy. Brampton looks to the Government of Canada to play a strong supportive role in advancing our climate action priorities.

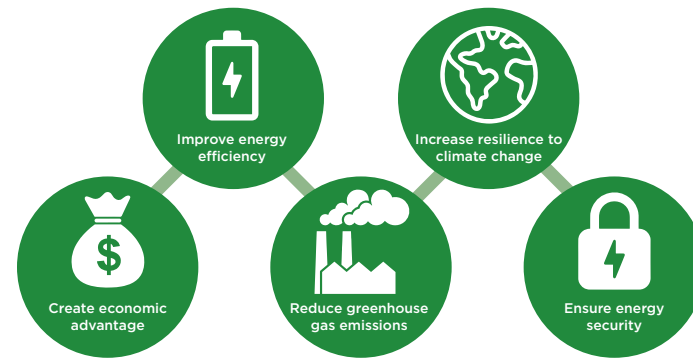
Guided by the recently updated Brampton Grow Green Environmental Master Plan, the Community Energy and Emissions Reduction Plan, and Energy and Emissions Management Plan 2019-2024: A Zero Carbon Transition, the City is taking action on climate change.

- City Council declared a Climate Change Emergency in June 2019. In response, Brampton moved quickly to implement both strategic studies, plans and on-the-ground actions to achieve quantifiable GHG reductions and meaningful community benefits.
- Brampton has established an ambitious goal to reduce GHG emissions generated in Brampton by at least 80% by 2050.
- Brampton has established a Centre for Community Energy Transformation (CCET) to advance local climate actions.

Community Energy and Emissions Reduction Plan (CEERP)

The City of Brampton, in partnership with Sheridan College, developed a Community Energy and Emissions Reduction Plan (CEERP). This plan calls for an integrated effort by the municipality, local utilities and the larger community to improve energy efficiency, reduce GHG emissions, ensure energy security, create economic advantages and increase resilience to climate change. Addressing the climate change emergency will require an urban and energy transition.

Community Energy and Emissions Reduction Plan Goals



The CEERP includes strategic directions focused on green communities, efficiencies in home and building, transportation, manufacturing, and green infrastructure, contributing to a more sustainable Brampton – environmentally, economically and equitably.

Home Energy Retrofit Program

Residential homes represent 26% of energy use and 21% of GHG emissions in Brampton. To achieve our energy conservation and GHG emission reduction targets, over 100,000 older homes in Brampton need to be retrofitted for energy efficiency.

This requires a consistent set of modifications to existing buildings to improve energy efficiency and decrease energy demand. Partial funding has been secured from FCM for Program Design. To achieve success, a funding partnership strategy must be established with provincial and federal governments to facilitate the implementation of home energy retrofits.

To achieve our energy conservation and GHG emission reduction targets, CEERP states 80% of existing homes in Brampton must be retrofitted. One priority is for Brampton to establish a system to deliver standardized retrofits to Brampton homeowners. The scope and scale of such an undertaking are beyond the capacity of any municipal budget. To achieve success, a funding partnership strategy must be established.

Brampton, in partnership with Caledon and Mississauga, has hired a consultant to help design a home energy retrofit program. Successful implementation will require funding from the provincial and federal governments.

OUR ASKS

The City requests the federal government provide funding for residential energy retrofit programs, such as the proposed Peel Residential Energy Program.

Centre for Community Energy Transformation (CCET)

The CCET is a not-for-profit, community-based organization to accelerate Brampton's transition to a low-carbon future. CCET will focus on implementing four climate change priorities, including:

- Advancing deep home energy retrofits.
- Encouraging district energy nodes.
- Spurring industrial, commercial, and institutional (ICI) energy efficiency.
- Promoting outreach and engagement.

Brampton, in partnership with Peel Region, the Town of Caledon and City of Mississauga, has set up this organization to accelerate the transition to a low carbon region. Successful establishment of CCET will require additional funding from the provincial and federal governments.

The City of Brampton and the Region of Peel have provided funding but additional funding is required to scale up and maximize impact.

OUR ASKS

The City requests the federal government provide seed funding to the Centre for Community Energy Transformation.

Climate Change Adaptation Plan (CCAP)

The Climate Change Adaptation Plan is intended to evaluate, guide, and integrate diverse policies, programs, and activities of the City, conservation authority partners, and other stakeholders to ensure our collective efforts are directed towards the long-term health and climate

resilience of Brampton. The CCAP will deliver a detailed five-year CCAP that directs updates to Brampton's policies, plans, programs, practices, and procedures and aligns with national and international climate change goals and objectives. The plan will help reduce our vulnerabilities to climate change through a series of recommended actions to improve our resiliency and ensure communities are prepared for future impacts.

OUR ASKS

The City requests federal funding for the implementation of Brampton's Climate Change Adaptation Plan (CCAP).

Net-Zero Carbon Community Centre Retrofits

In 2019, the City of Brampton published its Energy and Emissions Management Plan 2019 - 2024: A Zero Carbon Transition. The plan aims to achieve a zero carbon transition for the City's new and existing corporate facilities by 2050. To meet this objective,

in 2020 the City's Energy Management Team completed a zero carbon study for Susan Fennell Sportsplex, one of the City's largest multi-use recreational facilities. Two additional zero carbon studies were completed in 2021 for Century Gardens Recreation Centre and Earnscliffe Recreation Centre.

In April 2021, City Council provided approval of phase one for the design of the zero carbon retrofit for Susan Fennell Sportsplex.

Thank you for \$15.7M in funding for Deep Energy retrofits to the Susan Fennell Sportsplex and the \$10M investment for Community Buildings Retrofit.

Recreational facilities account for nearly 50% of the City's annual GHG emissions. Susan Fennell Sportsplex (formerly South Fletcher's Sportsplex) has been identified as one of the City's top five GHG emitters. This facility is also one of the City's largest multi-use recreational facilities at about 173,000 square feet and most of the major building systems are at the end of their useful life. As such, the Susan Fennell Sportsplex provides an opportunity to transform the recreation centre into a zero carbon facility to support meeting the City's corporate emission targets.

In 2021 Johnson Controls Canada LP was selected as the Design-Builder to execute the retrofit at Susan Fennell Sportsplex, which is anticipated to be completed in the fall of 2025.

This priority project will be the City's first zero carbon recreational facility retrofit and a foundational step in the City's efforts to transition our remaining existing community centres, including Century Gardens and Earnscliffe recreation centres, into exemplary zero-carbon facilities.

The City is exploring further opportunities with the Federation of Canadian Municipalities (FCM) through the Green Municipal Fund.

Furthermore, the City has also submitted application through FCM's GHG Reduction Pathway Feasibility Study Grant to support energy retrofit plans for the Chinguacousy Wellness Centre, Save Max Sports Centre and Cassie Campbell Community Centre.

Our proactive approach and partnerships enable Brampton to make meaningful progress as we work towards shared climate action goals.



Riverwalk project: Illustration is Artist's concept. E. & O. E.

Greening Our Fleet & Supporting Electric Vehicle Uptake

In 2022, the City of Brampton released a Sustainable Fleet Strategy to foster reduced GHG and air pollutant emissions. The strategy will help enhance operational efficiency and service excellence, improve lifecycle asset management, and demonstrate leadership in environmental sustainability.

The City has also installed over 65 public charging stations for electric vehicles across community centres, bility and accessibility of green vehicle ownership data from the Ministry of Transportation is essential to developing our broader plan for public stations.

The City invested \$3.75M in 2022 and has allocated \$3.75M in 2024 to install EV charging stations having 176 charging connectors for fleet vehicles at three unique sites in Brampton.

The City appreciates the federal support through \$1.72M in funding for Electric Vehicle (EV) infrastructure.

The City is investing 840K into PHEV (plug-in hybrid electric vehicle) units in 2023 and \$2.4M into EV (electric vehicle) units in 2024.



BRAMPTON FIRE ELECTIFICATION

The City of Brampton is dedicated to improving sustainability and being a leader in environmental innovation across our operations. On January 23, 2024, the City of Brampton proudly unveiled the Rosenbauer RTX, the first fully electric-powered fire truck in Brampton.

Brampton is the first municipality in Ontario to use an electric-powered front-line emergency response vehicle, joining other world-class cities such as Berlin, Amsterdam, Dubai, Los Angeles and Vancouver.

The Rosenbauer RTX is the first fully electric-powered fire truck available on the market able to meet current firefighting standards.

The truck's technology will allow Brampton firefighters to generate zero emissions while responding to emergencies, not only during travel, but also while on site. The elimination of emissions onsite protects both the environment and health and safety of firefighters on scene by reducing the intake of carcinogens.

The new electric fire truck is planned to be stationed at the new, state-of-the-art Brampton Fire and Emergency Services Headquarters and Training Centre.

The City is looking at purchasing eight additional electric vehicles within the next four years.

The City of Brampton is actively exploring opportunities for collaboration and partnership with the federal government to further advance our plans for deployment of electric vehicles as part of an innovative and sustainable Brampton Fire and Emergency Services Department.

The City estimates a potential savings of \$384,000 and 256 tonnes CO₂e avoided over a 12-year lifetime per fire truck.*

***Sustainable Fleet Strategy: Additional Consideration, Battery-Electric Fire Truck**

Brampton Eco Park

Brampton Eco Park comprises a network of sustainable urban/green spaces reflecting Brampton's character and unique social opportunities, while supporting City infrastructure.

Thank you for \$1.2M in funding through the Growing Canada's Forests program.

This is achieved by conserving and enhancing the City's natural systems, features and landscapes and expanding and evolving into parks, streetscapes, and other spaces to form a comprehensive network of green places and nature reserves throughout the City.

Several larger eco park projects are currently being implemented. These include:

- **Fallingdale, Earnscliffe and Eastbourne Eco Park Revitalization:** An eco park revitalization, in conjunction with the scheduled Toronto and Region Conservation Authority (TRCA) channel remediation on-site.
- **Eco Park Education Centre:** Development of a flagship trailhead Eco Space for the Credit River Valley will be a prominent, publicly accessible centre for environmental learning and outdoor recreation.
- **Riverwalk:** A large and innovative long-term flood mitigation project in the heart of Brampton integrating the eco park principles.
- **Lake Enhancement Strategy:** A strategy to enhance the City's lakes and transform them into signature features of Brampton's Eco Park.

Establishing eco parks across Brampton will help leverage the city's natural heritage and recreation goals. The City is seeking funding for these important eco park initiatives.



2020 → 2040

A conceptual image of the evolution of Brampton Eco Park

OUR ASKS

The City requests the federal government deliver funds to municipalities to improve parks and other open spaces to provide nature-based play, and restore ecosystems, such as the Eco Park Education Centre, the proposed Fallingdale, Earnscliffe, and Eastbourne Parks Eco Space retrofit projects in the Bramalea area of Brampton.

Stormwater Infrastructure Improvement

The City invests in maintaining and upgrading stormwater infrastructure across Brampton on an ongoing basis. In addition to regular operations and cleaning out of Brampton's stormwater infrastructure, the City is also investing in retrofits and upgrades to existing infrastructure. For example, the City has identified gaps in water quality treatment provided by existing infrastructure in neighbourhoods built before current stormwater management practices.

The City has reviewed these areas and identified opportunities for new stormwater management infrastructure to be installed to capture pollutants from urban runoff before entering the natural environment. Overall, these retrofits will provide additional stormwater control and treatment in under-served neighbourhoods to be more prepared for climate change. Funding and support can help the City accelerate and increase the scope of the Stormwater Retrofit Program to include additional opportunities.

OUR ASKS

The City requests the federal government provide financial support for programs focused on gray and green infrastructure improvements, such as Brampton's Stormwater Retrofit Program.



MUNICIPAL FISCAL SUSTAINABILITY



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