



CITY OF BRAMPTON 2023 FEDERATION OF CANADIAN MUNICIPALITIES CONFERENCE



Alternate formats available upon request.
To request, email accessibility@brampton.ca



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

Brampton is the embodiment of 'living the mosaic' with 250 cultures speaking 171 different languages. We are a vibrant municipality growing at three times the provincial average and the fastest growing among Canada's large cities. We are a young and dynamic city with a talented workforce squarely focused on the future.

We are working hard to position ourselves for success by investing in innovation, critical infrastructure, and wraparound services. To maximize Brampton's full potential, strong partnerships with all levels of government are integral. When Brampton wins, we all win, with a stronger and more resilient economy generating the jobs of tomorrow, today.

In Brampton, the jobs of tomorrow mean securing new investments and introducing innovations to take advantage of Brampton's unique position within Canada's Innovation Corridor. Leveraging our unmatched talent pool connected by the regional transit systems, we are working to attract investment in our Innovation District with our ecosystem partners, such as Brampton BHive, Brampton Venture Zone by Toronto Metropolitan University (TMU), Altitude Accelerator, Founder Institute, Algoma University, and Rogers Cybersecure Catalyst. Collectively, the award-winning Innovation District is supporting the growth of hundreds of start-ups, with the Brampton Bhive already in the process of landing fifty-four international start-ups. Brampton is home to MDA's new global headquarters and Space Robotics Centre of Excellence. A \$100M investment will be creating 700 highly skilled jobs and will make Brampton the home of the Canadarm3. We also strongly support the electrification of our automotive sector as it repositions towards a greener and more sustainable future. In short, Brampton is where innovation happens every day!

The City of Brampton is a reliable and committed partner as we act on protecting our environment. We are lowering our carbon footprint while leveraging every opportunity and partnership with higher levels of government to decarbonize our facilities and move to emissions-free public transportation with the purchase of four hundred and fifty zero emissions buses and the first electric fire truck in Ontario. We are reducing greenhouse gas emissions by 53,000 tonnes annually, the equivalent of removing twelve thousand passenger vehicles from our roads. We are committed to working with all levels of government to achieve our ambitious climate targets.

We continue to advocate for investments in critical infrastructure to support more housing choices, to expand our active transportation network, and to improve regional connectivity in public transit. The extension of the tunneled Hurontario Light Rail Transit (LRT) between Main St. and the Downtown GO Station, the Queen Street Bus Rapid Transit (BRT) line, increased frequencies on the Züm bus network and the two-way, all-day GO train service at the Downtown Brampton GO station aim to significantly improve regional connectivity by moving people quickly and efficiently.

By partnering with Brampton, the federal government can help us take steps towards a full and dynamic recovery by creating jobs, furthering economic growth, and achieving meaningful action on climate. The City of Brampton looks forward to working with the federal government as we navigate challenges, pursue common goals, and position ourselves for a better future for all residents of Brampton and the people of Canada.



Mayor Patrick Brown



CONTENTS



CONTENTS

Summary	6
Transit	10
Housing & Thriving Communities	18
Economic Development & Innovation	24
Active Transportation	28
Climate Action	31



SUMMARY

The City of Brampton welcomes the funding received from the federal government, and as we look ahead to the 2023 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 alignment with local efforts to improve housing affordability and choice.
- The City asks the federal government, through its Housing Accelerator Fund, to contribute to the City's \$8M investment in the Housing Catalyst Capital Project to support the non-profit sector in Brampton.
- The City asks the federal government to donate land or provide funding to the City of Brampton and non-profits to purchase land for the development of affordable and 'missing middle' housing solutions.

Transit

- The Light Rail Transit (LRT) extension along Main Street from Steeles to Brampton GO Station requires approximately \$850M* in federal funding for the tunnel alignment.
- The Queen Street - Highway 7 Bus Rapid Transit (BRT) requires approximately \$250M* in federal funding.
- The electrification of Brampton's Third Transit Facility requires the timely approval of Brampton's \$75M capital application through the Zero-Emission Transit Fund.
- The City asks the federal government to maintain funding allocations under the Community Building Fund and consider permanently doubling the funding in line with the advocacy put forward by FCM.
- 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.

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 start-ups 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 Start-up Visa Program 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.

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 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.



IN BRAMPTON, OPPORTUNITY ADDS UP



**THE FASTEST GROWING OF
CANADA'S 25 LARGEST CITIES**
(2021 Census)



**ONE OF CANADA'S
YOUNGEST CITIES** **36.5** (AVG, AGE)

656,480

Total Population
(2021 Census)



**YOUNG, MULTICULTURAL
WORKFORCE**

250 different cultures,
speaking 171 languages

171

250



CENTRALLY LOCATED
in the middle of Canada's
Innovation Corridor

The largest supply of
investment ready sites
adjacent to Toronto Pearson
International Airport



ACCESS TO 4.3 MILLION
labour pool across
the GTA

SEVEN TRANSCONTINENTAL HIGHWAYS
accessing 158 million
North American consumers



HOMETO CN
The largest Intermodal Railway
terminal in Canada

AAA

Credit Rating (Standard & Poor's)

**RANKED TOP 10 OVERALL MID-SIZED
CITY; TOP 10 BEST BUSINESS
FRIENDLINESS & CONNECTIVITY**
FDI Magazine



+90,000

**DIVERSE
BUSINESSES**



148,674

Residents with a University Degree
(Bachelor's degree or above)

9TH

LARGEST
City in Canada

4TH

LARGEST
City in Ontario

MACLEAN'S

RANKED 13TH
OUT OF 415 OF CANADA'S
BEST COMMUNITIES

BUILDING PERMIT ACTIVITY

\$1.73 Billion

Total Construction Value
(2021)



\$2.03 Billion

Total Construction Value
(2022)



TRANSIT

BUILDING A CONNECTED COMMUNITY

The City of Brampton is one of the fastest-growing large municipalities in Canada. 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



1.2M
REVENUE SERVICE HOURS
(2022)



4 TRANSIT
TERMINALS



2 TRANSIT
GARAGE
FACILITIES
3RD FACILITY IN THE DESIGN PHASE

2,676
BUS STOPS



986
BUS SHELTERS
& ZUM STATION STOPS

31M+
RIDERSHIP
FOR 2022



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.

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.



RIDERSHIP GROWTH & RECOVERY

160% ↑ Overall Ridership
2009-2019

38% ↑ Pre-COVID Ridership
2016-2019

115%+ ↑ Ridership Rebound
of pre-COVID levels

↑ 27% Population
2009-2019

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. Brampton is currently experiencing ridership of 115%+ of pre-COVID levels.

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

Light Rail Transit (LRT) Extension

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 Hazel McCallion 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 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 LRT Extension along Main St. from Steeles Avenue to Brampton GO Station, fills a notable gap in the regional rapid transit network by connecting the Hazel McCallion Line directly to the Kitchener GO Rail line (Brampton

The LRT extension (tunnel option) is expected to generate over 17,000 job-years!

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.

OUR ASK

Hazel McCallion LRT Line:
Relocate the Brampton Gateway Terminal stop. This is a crucial element in supporting the preferred alignments, planned growth and other future projects within Brampton.

Investment Needed: \$2.8B, of which
\$1.4B – Provincial
\$1.4B – Federal

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 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:

- Will require Main Street to be closed to traffic through the downtown when maintenance needs to be performed on both the LRT and other City infrastructure (e.g. street lighting).
- Has various operations and maintenance risks, particularly through Downtown Brampton when the LRT will be in mixed traffic (e.g. accidents can affect LRT operations or disabled LRT vehicle could stop traffic).
- Negatively impacts heritage properties.
- 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 LRT.

The LRT Extension 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, will support various projects throughout the city.

Queen Street - Highway 7 Bus Rapid Transit (BRT)

Queen Street is the busiest transit corridor in Brampton, serving close to 30,000 transit customers per day (pre-COVID) on Züm and local routes and providing connections to York Region, the TTC Subway System, as well as major northsouth transit routes.

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

Why the BRT?

- Highest growth corridor in Brampton.
- Close to **30,000 transit customers per day.**
- Nearly **50% population growth** anticipated in the next 25 years.
- **174% ridership growth** in the last 10 years prior to the pandemic (2009-2019)

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 ASK

Queen Street—Highway 7
BRT Investment Needed:
\$500M*
\$250M – Provincial
\$250M – Federal

**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 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.

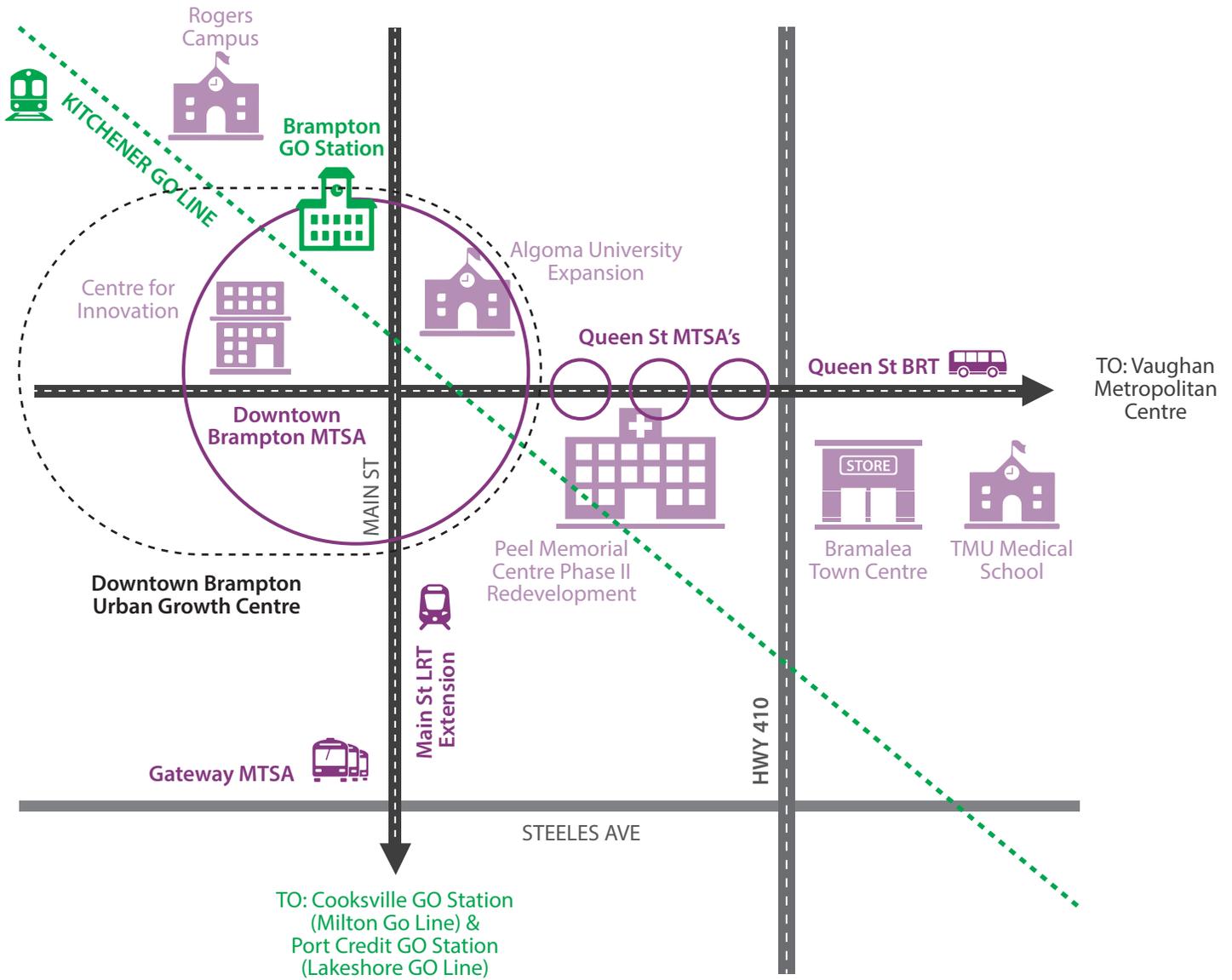
The Main St LRT Extension, Queen St - Highway 7 BRT and electrification of the Third Transit Facility directly support Ontario's Bill 23. The City of Brampton will need federal support and funding to make these projects a reality.

- The Queen St. 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.



THE BIG PICTURE

Investment in higher-order transit, including the LRT extension, 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.



Third Transit Facility + 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 level 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 greenhouse gas emissions (GHGs) generated in Brampton by 80 per cent 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.

OUR ASK

The electrification of Brampton's Third Transit Facility requires the timely approval of Brampton's \$75M capital application through the Zero-Emission Transit Fund.

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:
 - o 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.
 - o 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).
 - o Submitted a consolidated Expression of Interest for the following electrification projects through ZETF (50% federal funding contribution):
 - Purchase of approximately 100 ZEBs (40ft and 60ft) - \$90M (\$180M total costs)
 - On-Street Charging Infrastructure - \$31.5M (\$63M total costs)
 - Electrification Retrofit - Sandalwood Facility - \$30M (\$60M total costs)
 - Electrification Retrofit - Clark Facility - \$30M (\$60M total costs)
 - o Initiated a Zero Emission Bus 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 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 2024 is part of a broad electrification plan of up to 450 zero emissions busses 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 other 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, and 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.

OUR ASK

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.

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 PTS

31.9M RIDES
2019

51% ↑ **SINCE 2015**

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

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 (Dec. 2022)
City of Toronto* <ul style="list-style-type: none"> • Scarborough Subway Extension • Ontario Line • Finch West LRT • Eglinton Crosstown 	2,794,356	\$39.8B	\$31.32B	\$8.48B	\$14,240	12%	-31%
City of Hamilton Hamilton LRT	569,353	\$3.4B	\$1.7B	\$1.7B	\$5,970	3%	-18%
City of Brampton <ul style="list-style-type: none"> • Brampton LRT Extension (Tunnel) • Queen St-Highway 7 BRT 	656,480	\$3.3B	\$1.65B	\$1.65B	\$5,030	160%	+15%

Notes: *City of Toronto projects does not include Yonge Subway Extension as it is primarily a York Region Project.

Community Building Fund

The City of Brampton uses federal gas tax funding to support key infrastructure projects relating to transit. Given the impact of COVID-19 on transit systems the gas tax allocation should be doubled, as it has been done in past years to maintain and grow transit within Brampton and other municipalities.

OUR ASK

The City asks the federal government to maintain funding allocations under the Community Building Fund and consider permanently doubling the funding in line with the advocacy put forward by FCM.

Permanent 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 Transit Fund, as the fastest growing of Canada's big cities with a rapidly expanding transit system.

OUR ASK

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



**HOUSING
& THRIVING
COMMUNITIES**

BRAMPTON'S HOUSING CONTEXT

The City of Brampton is the fastest-growing of Canada's 25 largest cities, and represents 90 per cent 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, making the city home to over one million residents. To meet the anticipated demand for housing Brampton's new draft Official Plan - 'Brampton Plan' - identifies a growth allocation of 54,600 households between 2021 and 2031, which equates to 5,460 households per year to 2031. Under the province's new housing targets and Brampton's Housing Pledge, this has increased the City's growth by 11,300 new households annually during the same timeframe.

Through extensive consultation undertaken through the 2040 Vision, Official Plan Review process, and Housing Brampton, our residents have identified significant challenges in trying to keep up with the cost of living. One of the main drivers of rising costs is the increasing prices for 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 who struggle to secure ownership or rental housing that is affordable for their income level.

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

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

four focus areas or 'Big Moves' of the Strategy and Action Plan, which include (1) Purpose-Built Rental Housing, (2) Use of Public Land, (3) Attainable Home Ownership, and (4) Clear Housing Targets.

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

A number of deliverables of Housing Brampton touch on utilizing municipal tools, including financial incentives, to support the provision of a full mix and range of housing options in Brampton.

Housing Catalyst Capital Project

The City has established a new \$4M project to deliver innovative housing pilot projects in Brampton. Housing Brampton collaborates with the non-profit sector to incentivize ideas around new and innovative housing options.

City-Wide Housing Incentive Program

The City recently released a Request for Proposal (RFP) to deliver on a key action identified in Housing Brampton to develop a framework of financial tools and incentives to encourage the creation of housing that is affordable for households in the low and middle income ranges, including purpose-built rental housing. The program focuses on incentivizing and attracting sustainably developed, purpose-built rental and affordable housing, as well as the other desired housing types identified in Housing Brampton, including infill housing, Single Room Occupancy housing (SRO), large units, seniors housing and student housing developments. The program aims to make housing more affordable to low and moderate-income households in the city, and support the diverse needs for residents requiring supportive housing options.

Community Benefits Charges

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

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 alignment with local and regional efforts to improve housing affordability and choice.

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, Growth & Infrastructure

The City issued over 10,000 building permits in 2022 representing over \$2 billion 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

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

BRAMPTON IS A WELCOMING CITY LIVING THE MOSAIC

YOUNG, MULTICULTURAL WORKFORCE

250 different cultures,
speaking 171 languages

171

250

52.9%

PERCENTAGE OF RESIDENTS
BORN OUTSIDE OF CANADA



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

MORE SENIORS ARE CALLING BRAMPTON HOME

43%
ONTARIO



57%
BRAMPTON



Growth Projection

79,807 in 2020
to 125,544 by 2030

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 calls on all levels of government to work with universities and colleges to address and create more student housing to meet the current and forecasted demand. There is an opportunity for the federal government to work with the province to plan for a new task force with the City of Brampton, educational institutions, Ministry of Colleges and Universities and Ministry of Immigration, Refugees and Citizenship to develop solutions, including financial supports, for safe and affordable housing for international students and post-graduate work permit holders.

Brampton has more than **11,042** registered second units as of February 2022 (238% increase from 2021)



81%

of the **SECOND UNIT** supply in the Region is found in **BRAMPTON**



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.

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 particular focus on investments in Higher Order Transit in locations identified through the City's draft Brampton Plan City Structure.
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 home.
5. Infrastructure funding from the federal government to keep pace with growth associated through immigration.





**ECONOMIC
DEVELOPMENT
& INNOVATION**

REALIZING BRAMPTON'S FULL POTENTIAL

The pandemic showcased Brampton's economic importance in areas of goods movement, logistics and supply chains to Ontarians. Additionally, Brampton's planned multi-million-dollar investments in the Innovation District, transportation infrastructure, and office spaces continue to be critical investments to the regional recovery of Peel Region and the Airport Employment Zone.

In 2022, MDA announced a \$100 million investment for its new Space Robotics Centre of Excellence to develop leading-edge technologies in commercial space robotics. The company will create and sustain more than 700 long-term, high-skilled jobs at its Brampton headquarters.

INNOVATION DISTRICT

The City of Brampton continues to revitalize and unlock the economic potential of its downtown by building an innovation and entrepreneurship ecosystem: the Brampton Innovation District. The City has committed to investing up to \$20.5 million in the Innovation District with an additional up to \$55.2 million in investments being drawn in by Innovation District partners.

We are building a unique Downtown Brampton, unlike a typical neighbourhood city centre, Downtown Brampton will be a buzzing hub for innovation and an idea sharing cluster filled with entrepreneurs and talent from across the world.

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 start-ups to large corporates.

Several interesting partnership models have been established giving rise to increased investment activity and vitality. The City is actively soliciting tech-companies, start-ups, funding allocators, and/or developers.

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 innovate 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 Black, Indigenous, People of Colour-Owned (BIPOC) businesses succeed and are able to contribute to the rich fabric of our city.



594 Trained Graduates

from Rogers Cybersecure Catalyst and Algoma University



157 People Employed

by Innovation District Partners



128 start-ups launched

and businesses started



53 patents filed

by companies/alumni

51

International start-ups accepted into B Hive





- | | |
|--|---|
| 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 |



ECONOMIC DEVELOPMENT

Revenue streams for Economic Development organizations to better support Black, Indigenous, People of Colour-Owned (BIPOC) businesses through new funding or augmenting existing programs.

MEDICAL TECHNOLOGY

The City of Brampton has established a Med Tech Task Force to support start-ups 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.

The City is requesting funding to pilot a project in medical innovation and support Brampton in providing a pathway for start-ups and scale-ups in the Innovation District for the City to become their first customer. This pilot project would link new technologies with innovative procurement policies by the Ontario Government and Supply Ontario in launching new innovations into Ontario's health care system. This pilot project would also support the establishment and growth of medical technology start-ups from Brampton Venture Zone.

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 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 focus 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 start-ups to deal with immigration backlogs.

OUR ASKS

Federal Support for Brampton's Innovation

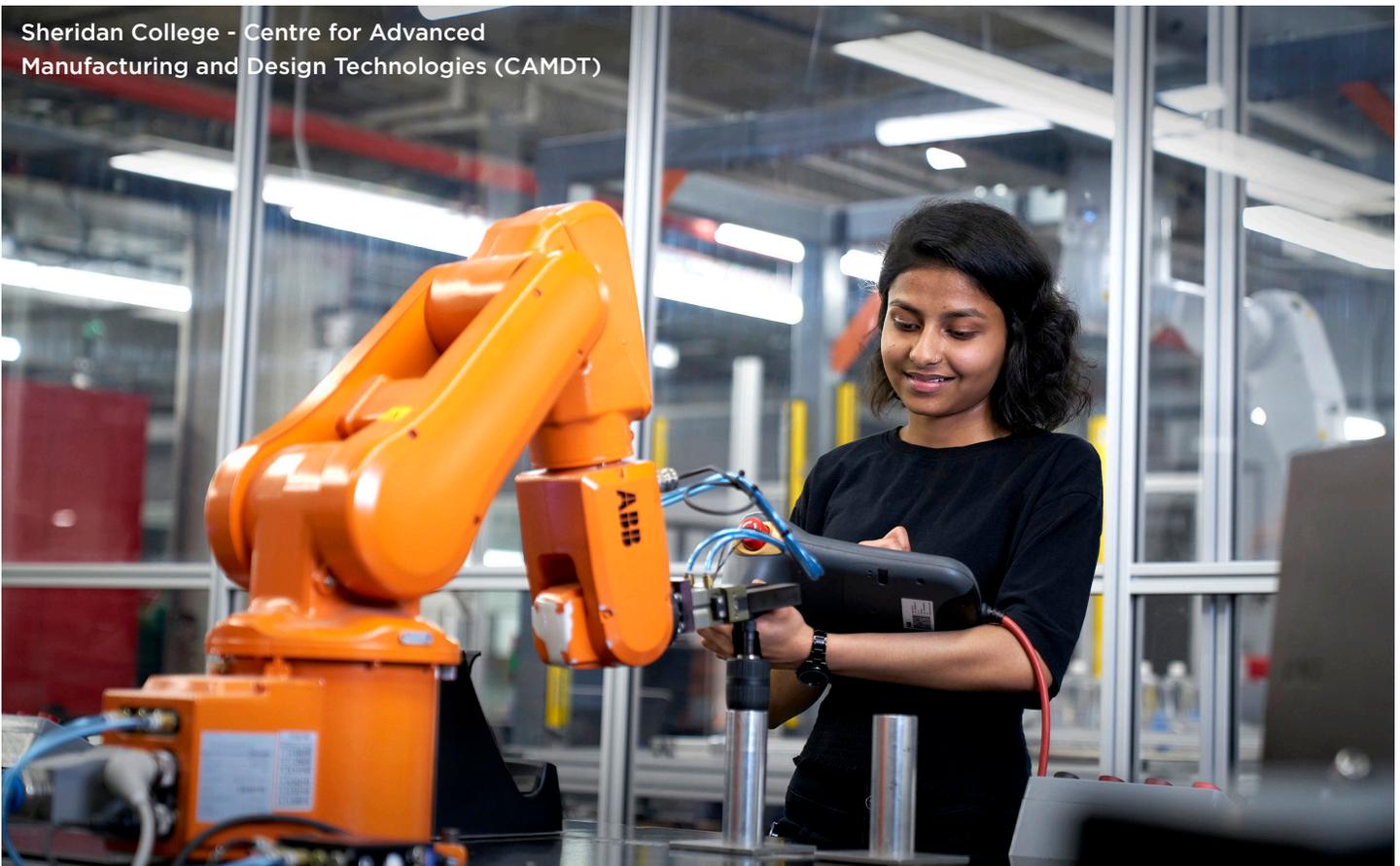
Invest in Brampton's Innovation District for inclusive innovation, which is advancing Canada's position as a Nation of Innovators. With a diverse, world-class Innovation District bringing

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 B Hive.

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.

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





**ACTIVE
TRANSPORTATION**

Brampton is a Green City. 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. The decrease in traffic volumes along City roads during the pandemic provided a unique opportunity to implement nearly 35 km of new cycling infrastructure successfully. In March/April 2020, the City fast-tracked the implementation of a 7 km east-west cycling corridor to provide a safe connection for people on bicycles to access essential amenities and the recreational trail network. In its first three months of operation, usage of this corridor doubled. 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 due diligence/ review to develop a design for the following interregional cycling connections:

- Claireville Recreational Trail South Connection – this connection is identified in the province-wide Cycling Network (#CycleON) and will connect Brampton’s Claireville Conservation Area Trail to the Humber Valley Trail system (Toronto).
- Fletchers Creek Recreational Trail from its existing entrance at Steeles Avenue. This will connect through Sheridan College Campus lands and a second connection into the City of Mississauga.
- 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 Mater 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, a 38 km loop.

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

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.

FIX-IT PROGRAM

The ATMP’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.

BRAMPTON'S E-SCOOTER PILOT

The first GTA municipality to launch an E-scooter program!
Learn more at: www.brampton.ca/escooters

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.

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. In the first month of operation, more than 39,000 rides were taken by over 18,000 users!

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.

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.



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



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.

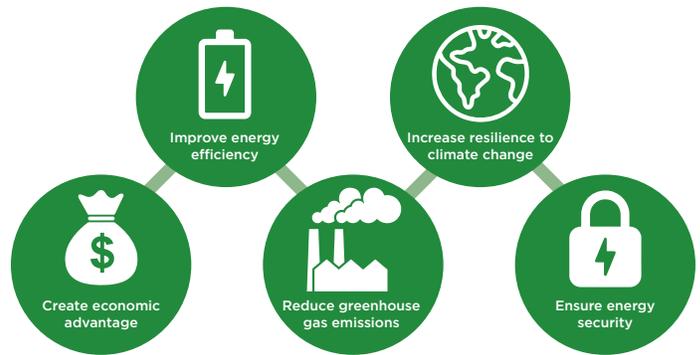
Guided by the recently updated Brampton Grow Green Environmental Master Plan, the Community Energy and Emissions Reduction Plan, and Energy and Emissions Management Plan 2019-2024: A Zero Carbon Transition, the City is taking action on climate change.

- The City of Brampton Council declared a Climate Change Emergency in August 2019. In response, Brampton is moving 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, the 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 ASK

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 partnered to 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 ASK

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 Climate Change Adaptation Plan 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 ASK

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.

Thank you for \$15.7M in funding for Deep Energy retrofits to the Susan Fennell Sportsplex.

The City submitted further application through the second intake of the federal Green Inclusive Community Building Fund:

- **Century Gardens Youth Hub Project:** requesting \$11M for a net zero carbon LEED certified new build dedicated to supporting and empowering Brampton's youth to thrive.
- **Earnscliffe Recreation Centre Energy Retrofit:** requesting \$13.1M for the energy retrofit to implement a net zero-carbon strategy to reduce GHG emissions and extend the life of the building.

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

Recreational facilities account for nearly 50 per cent of the City's annual GHG emissions. The 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 currently in the design phase and will be proceeding to implementation upon council approval.

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.

We are working on securing funding through the Community Building Retrofit Initiative for deep energy retrofits.

The City has also submitted application through FCM's GHG Reduction Pathway Feasibility Study Grant to support energy retrofit plans for the Ching 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.

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, facilities and administrative buildings. Availability 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.



Riverwalk project: Illustration by Artist's Conception



BRAMPTON FIRE ELECTIFICATION

The City of Brampton is dedicated to improving sustainability and being a leader in environmental innovation across our operations. That is why we are replacing our front-line pumper with a Rosenbauer RT, a fully electric-powered fire truck.

Brampton will be 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 RT 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 will receive the truck in spring 2023.

The City is looking at eight additional electric vehicles to be purchased within the next four years.

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**

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.

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 to 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 ASK

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 cleanout 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 ASK

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.



Christopher Ethier
Manager, Government Relations
& Public Liaison
Office of the CAO, City of Brampton
christopher.ethier@brampton.ca

