Monday, February 3, 2020
7:00 p.m. – Regular Meeting

Council Committee Room CH-4A
4th Floor, City Hall

Members:
Regional Councillor Michael Palleschi – Co-Chair
Regional Councillor Paul Vicente – Co-Chair
Rafiqul Islam
Sarbjeet Sani
Sylvia Menezes Roberts
Akinade Oduntan
Ameek Singh
Myrna Adams, Representative, Age-Friendly Brampton Advisory Committee
Todd Letts, Representative, Brampton Board of Trade
Kevin Montgomery, Representative, Cycling Advisory Committee

For inquiries about this Agenda, or to make arrangements for accessibility accommodations for persons attending (some advance notice may be required), please contact: Shauna Danton, Legislative Coordinator
Telephone (905) 874-2178, TTY (905) 874-2130, cityclerksoffice@brampton.ca

Note: Meeting information is also available in alternate formats upon request.
1. **Approval of Agenda**

2. **Declarations of Interest Under the Municipal Conflict of Interest Act**

3. **Previous Minutes**

4. **Delegations/Presentations**
   
   4.1. Presentation by the City Clerk's Office, re: **Brampton Transit Advisory Committee Orientation**

   4.2. Presentation by Brampton Transit, re: **Welcome to Brampton Transit**

   Note: to be distributed prior to the meeting

5. **Reports / Updates**

6. **Other/New Business/Information Items**
   
   6.1. Staff memo re: **Brampton Transit Priorities and Projects**

   6.2. Discussion at the request of Kevin Montgomery, Member, re: **Introduction: Representation from the Cycling Advisory Committee**

7. **Correspondence**

8. **Question Period**

9. **Public Question Period**

   15 Minute Limit (regarding any decision made at this meeting)
10. **Closed Session**

11. **Adjournment**

   Next Meeting: Monday, May 4, 2020, at 7:00 p.m.
Brampton Transit Advisory Committee Orientation

February 3, 2020
Overview

1. Committee Process and Meetings
2. Role of Committee Members
Brampton Transit Advisory Committee

- Brampton Transit Advisory Committee established by Council Resolution C090-2019 through adoption of Committee terms of reference.

- Committee Members appointed November 20, 2019, by Council Resolution C434-2019, until November 14, 2022 or until successors are appointed.
Brampton Transit Advisory Committee

Membership

12 members, as appointed by City Council through the City Clerk’s Office:

- 2 Councillors
  - Regional Councillor Michael Palleschi – Co-Chair
  - Regional Councillor Paul Vicente – Co-Chair
- One resident from each of the following pairs of Wards representing the Community-at-large:
  - Rafiqul Islam (Wards 1 and 5)
  - Sarbjeet Sani (Wards 2 and 6)
  - Sylvia Menezes Roberts (Wards 3 and 4)
  - Akinade Oduntan (Wards 7 and 8)
  - Ameek Singh (Wards 9 and 10)
Brampton Transit Advisory Committee

Membership – Continued

- One representative from each of the following citizen-based advisory committees:
  - Accessibility Advisory Committee (to be determined)
  - Age-Friendly Brampton Advisory Committee – Myrna Adams
  - Cycling Advisory Committee – Kevin Montgomery
- One representative from the Brampton Board of Trade – Todd Letts
- One representative from the Student Union at Sheridan College (to be determined)
Brampton Transit Advisory Committee

Attendance and Quorum

- **Quorum** = 7 members
  a majority of the 12 members to be present to convene a meeting

- If a member is absent for three consecutive meetings, that position may be declared vacant and an alternate member is appointed

- Please contact Shauna Danton if unable to attend a meeting

Meeting dates and location

- Three times per year (Q1, Q2, Q4)
- Meetings held at City Hall (Bdrm CH-4A Council Committee Room)
Brampton Transit Advisory Committee

Purpose
• The Committee will provide advice and recommendations to Council, from a community perspective, on topics and issues relating to the provision of public transit services and public transit infrastructure. The Committee also provides Brampton Transit with insights and advice with respect to enhancing customer experience onboard Brampton transit vehicles.

Responsibility
• The Committee will act as a sounding board to Brampton Transit staff, and serve as a forum that promotes dialogue and information exchange between Brampton Transit staff and the Brampton Transit Advisory Committee.

Scope
• Serves an advisory, consultative role
• Does not have decision making authority, but may make recommendations to City Council through Committee of Council.
Meeting Procedures
• Council Procedure By-law 160-2004, as amended

Agendas
• digitally published the Thursday before the scheduled meeting date
• available on the City website
• meeting information available in alternate formats, upon request

Minutes
• Committee recommendations/proceedings recorded in Committee Minutes
• Minutes presented to Committee of Council for approval
  • Committee of Council Minutes approved by Council
Agenda Sections

Committee Agenda:

1. Approval of the Agenda
2. Declarations of Interest under the Municipal Conflict of Interest Act
3. Previous Minutes
4. Delegations/Presentations
5. Reports/Updates
6. Other/New Business/Information Items
7. Correspondence
8. Question Period
9. Closed Session
10. Adjournment
Municipal Conflict of Interest Act

- The Act applies where a **direct or indirect pecuniary (financial benefit) relationship** may exist for a member as a result of a matter before the Committee
  - “relationship” includes parent, spouse, child
- The member must declare a conflict of interest at the beginning of the meeting and excuse themselves from the proceedings and involvement in the decision
- Declaring a conflict is up to the individual member
- New requirement for declaration to also be in writing
- Can seek advice regarding conflict of interest from Integrity Commissioner
Rules of Debate and Decision-Making

- Considering an agenda item:
  - Chair calls the item
  - May be introduction of item by Chair, member, staff
  - Committee considers the item
    - May ask questions of staff/proponent
    - May speak in favor/against the item/issue/proposal
    - Speaking and debate must be relevant to item under consideration
Rules of Debate and Decision-Making

- Making a decision
  - Consensus-based decision-making
  - Committee member introduces a motion to do something
    - Verbal or in writing
    - Does not require a seconder
    - Motion debated and may be amended, referred, deferred
    - After debate, Chair puts motion to a vote
    - Majority vote to pass Motion (does not carry on tie vote)
City By-laws and Policy

- Procedure By-law
- Code of Conduct
- Lobbyist Registry
- Brampton Transit Customer Charter
- By-law 82-2008 – to regulate the operation and control of a passenger transportation system within the City of Brampton
Role of Committee Members

- Be familiar with Committee responsibilities
- Review agenda materials
- Attend meetings
- Listen to the presentations and debate; be respectful of everyone
- Contribute to discussions and ask questions for clarification
- Avoid emotional attachment
- If delegating to a Council or other Committee meeting, qualify your role (an interested citizen or Committee representative – if authorized)
- Support the Committee decision once approved
- Avoid criticizing Council decisions
- Refer media inquiries to the Chair or City staff
- Remember staff is available to help
- Enjoy the experience!
Brampton Transit Advisory Committee

Orientation – February 3, 2020

Discussion Questions?

Committee Contact:
Shauna Danton, Legislative Coordinator
City Clerk’s Office, Office of the CAO
905-874-2116
Shauna.danton@brampton.ca
At the upcoming Transit Advisory Committee on February 3, 2020, staff will provide a number of verbal updates on various transit priorities and other transit related projects that impact the City of Brampton. These projects are listed below and links to background information/reports are also provided for your information only.

1. Transit Priorities
   - All Day 2-Way GO
     METROLINX: Kitchener GO Expansion
   - Queen Street BRT
     BACKGROUND REPORT: Status Update – Planning for Queen Street – Highway 7 Bus Rapid Transit (pg. 126), Queen Street Rapid Transit Study Area (pg. 136)
     SUPPORTING PRESENTATION: Queen Street Rapid Transit Study (pg. 441)
   - Main Street LRT
     BACKGROUND REPORT: Hurontario Main Street Light Rail Transit Extension Study and Related Transportation Initiatives (pg. 195)
     BACKGROUND REPORT: Hurontario Light Rail Transit Project Update (pg. 44)
     BACKGROUND REPORT: Light Rail Transit (LRT) Extension Study from Brampton Gateway Terminal to Brampton GO Station (pg. 30) Short List of Alternate LRT Routes and Potential Stops (pg. 34)
     BACKGROUND REPORT: Hurontario Light Rail Transit Project Update, Procurement Process and Agreement (pg. 3)

2. Downtown Mobility Hub
   BACKGROUND REPORT: Downtown Projects Update (pg.166)

3. E-Bus
   BACKGROUND REPORT: Pan-Canadian Electric Bus Demonstration & Integration Trial Phase 1 Update (pg. 128)

4. Third Maintenance & Storage Facility
   BACKGROUND REPORT: Need for Third Transit Maintenance and Storage Facility (pg. 239)
   BACKGROUND REPORT: New Bus Maintenance and Storage Facility (pg. 331)
5. ICIP Funding

BACKGROUND REPORT: City of Brampton Public Transit Stream Priority Stream Projects (pg. 31)
Welcome to Brampton Transit

Transit Advisory Committee Meeting
February 3, 2020
BRAMPTON TRANSIT TODAY

450 BUSES

1.26M REVENUE SERVICE HOURS

4 TRANSIT TERMINALS

2 TRANSIT GARAGE FACILITIES

3RD FACILITY IN THE DESIGN PHASE

2,680 BUS STOPS

910 BUS SHELTERS & ZÜM STATION STOPS

31.9+M RIDERSHIP FOR 2019
WHERE WE ARE

2009
- 14.3 million kilometers
- 500 thousand residents
- 650 thousand service hours
- 12.3 million ridership
- 25 rides per Capita
- 238 buses

2019
- 29.4 million kilometers
- 634 thousand residents
- 1.26 million service hours
- 31.9 million ridership
- 50 rides per Capita
- 450 buses
In 2010, ZÜM BRT LAUNCHED
PERCENTAGE GROWTH IN POPULATION, RIDERSHIP, SERVICE HOURS AND STAFF SINCE 2009
2019 RIDERSHIP BREAKDOWN

- 17.3% Youth
- 4.3% Senior
- 0.9% Other
- 76.5% Adult
- 1.0% Child
## COMPARATIVE RIDERSHIP HISTORY

<table>
<thead>
<tr>
<th>SYSTEM</th>
<th>2009</th>
<th>2018</th>
<th>INCREASE</th>
<th>% INCREASE</th>
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</thead>
<tbody>
<tr>
<td>Brampton</td>
<td>12.3 M</td>
<td>31.2 M</td>
<td>18.9 M</td>
<td>154%</td>
</tr>
<tr>
<td>Mississauga (MiWay)</td>
<td>29.5 M</td>
<td>40.4 M</td>
<td>10.9 M</td>
<td>37%</td>
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<tr>
<td>Windsor</td>
<td>6.2 M</td>
<td>8.2 M</td>
<td>2.0 M</td>
<td>32%</td>
</tr>
<tr>
<td>Durham Region (DT)</td>
<td>8.5 M</td>
<td>10.7 M</td>
<td>2.2 M</td>
<td>26%</td>
</tr>
<tr>
<td>London (LTC)</td>
<td>19.1 M</td>
<td>23.7 M</td>
<td>4.6 M</td>
<td>24%</td>
</tr>
<tr>
<td>York Region (YRT)</td>
<td>18.3 M</td>
<td>21.8 M</td>
<td>3.5 M</td>
<td>19%</td>
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<tr>
<td>Ottawa (OC Transpo)</td>
<td>83.2 M</td>
<td>96.5 M</td>
<td>13.3 M</td>
<td>16%</td>
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<tr>
<td>Toronto (TTC)</td>
<td>471.2 M</td>
<td>521.4 M</td>
<td>50.2 M</td>
<td>11%</td>
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<tr>
<td>Winnipeg</td>
<td>43.9 M</td>
<td>48.4 M</td>
<td>4.5 M</td>
<td>10%</td>
</tr>
<tr>
<td>Quebec City (RTC)</td>
<td>44.5 M</td>
<td>46.3 M</td>
<td>1.8 M</td>
<td>4%</td>
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SERVICE STANDARDS – ROUTE CLASSIFICATIONS
SERVICE STANDARDS – ROUTE DIRECTNESS

ZÜM

BASE GRID

LOCAL
# Service Standards – Route Performance

<table>
<thead>
<tr>
<th>Service Type</th>
<th>Weekday</th>
<th>Saturday</th>
<th>Sunday/Holiday</th>
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<tbody>
<tr>
<td>Züm BRT Routes</td>
<td>57</td>
<td>46</td>
<td>41</td>
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<tr>
<td>Base Grid Routes</td>
<td>40</td>
<td>30</td>
<td>24</td>
</tr>
<tr>
<td>Local Routes</td>
<td>32</td>
<td>21</td>
<td>20</td>
</tr>
<tr>
<td>Conventional Express Routes (Point Express)</td>
<td>45</td>
<td>34</td>
<td>27</td>
</tr>
<tr>
<td>Conventional Express Routes (Overlay Express)</td>
<td>45</td>
<td>34</td>
<td>27</td>
</tr>
<tr>
<td>Community Bus Routes</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Dynamic Transit Services</td>
<td>5</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>School Specials (Local)</td>
<td>25</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>School Specials (Overlay)</td>
<td>37</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Vision & Strategic Directions

2018 – 2022 Brampton Transit Business Plan

Financial Plan

The Next Five Years
EMERGING TECHNOLOGIES

- Automated vehicle monitoring
- Autonomous vehicles
- Microtransit
- Electric buses
- On-demand service
PARTNERSHIPS

AMAZON – 4,500 EMPLOYEES
• 25 weekday, 13 Saturday and 9 Sunday trips to support employment base

MAPLE LODGE FARMS – 1,700 EMPLOYEES
• Worked with employer to extend four Route 11 trips to facility at peak times

GIVE & GO FOODS – 1,000 EMPLOYEES
• Worked with employer to extend Route 29A trips closer to facility.
  • Improved off peak service for Route 5

CALEDON
• Town of Caledon – Mayfield West Development
  • Worked with Town to extend new route into new development that also provides increased service to Brampton residents
• Road closures, vehicle accidents, construction and police investigations are an everyday reality for transit systems.
• Our contact centre and use of social media work alongside our Operations department to ensure riders are kept informed of these items and the impacts they have on transit service.
CUSTOMER CHARTER

List of commitments and projects we’re working on in 2019 to improve our service.

FOUR CATEGORIES:

• Safety
• Service
• Infrastructure
• Customer Experience
SAFETY FOR EMPLOYEES AND CUSTOMERS

BUSES
• On-board CCTV
• Bus Operator Safety Shields
• Operators
  • Radio contact with Transit Control
  • Silent contact with Transit Control

TERMINALS & STATION STOPS
• Duress Buttons

TRAINING
• Extensive training for Operators
• New employee training for all staff

SAFETY APP
• Preparing RFP
Vision 4: Transportation and Connectivity
In 2040, Brampton will be a mosaic of safe, integrated transportation choices and new modes, contributing to civic sustainability, and emphasizing walking, cycling, and transit.

- Action 4-1 – Active Mobility Charter
- Action 4-2 – Complete Streets
  - Action 4.3 – Integrated Transit Network
  - Action 4.4 – Figure 8 Loop
  - Action 4.5 – Free Transit
- Action 4-6 – Advanced Traffic Management
- Action 4-7 – New Travel Technologies Management
- Action 4-8 – Advanced Goods Movement Management
TERM OF COUNCIL PRIORITIES

• A City of Opportunities
• Brampton is a Mosaic
• Brampton is a Green City
• Brampton is a Healthy & Safe City
• Brampton is a Well-Run City
A CITY OF OPPORTUNITIES

• Create Complete Communities
• Unlock Downtown and Uptown
• Support Community Hub Concept
• Prioritize Jobs within Centres
• Attract Investment and Employment

TRANSIT CONTRIBUTION

• Applied for funding through ICIP for a downtown mobility hub ($30M) as part of a revitalized Downtown
• Working closely with the major companies within Brampton to meet transportation needs
• Transit is a major factor is retaining and attracting corporate investment in the City
BRAMPTON IS A MOSAIC

• Embed Diversity & Equity
• Innovative Engagement
• Support Inclusive Cultural Expressions
• Inclusive and Flexible Community Spaces

TRANSIT CONTRIBUTION

• Cultural Expressions on bus destination signs
• Newcomer bus tours
• MagnusCards App
• Community outreach
BRAMPTON IS A GREEN CITY

• Equalize All Forms of Transportation
• Implement a Green Framework
• Sustainable Growth
• Lead Environmental Innovation

TRANSIT CONTRIBUTION

• Advance the work underway to meet ridership demands on Brampton Transit and demand for higher-order transit infrastructure (i.e. Queen Street BRT)
• Improve transit access for seniors in Brampton
• Electric bus and charging station pilot project
• Budgeting $136M over 3 years to purchase 120 new buses
• Increasing portion of biodegradable fuel use on buses
• Designing a third bus maintenance and storage facility
BRAMPTON IS A HEALTHY & SAFE CITY

• Community Partnerships
• Streets for People
• Local Health Support
• Healthy Citizens

TRANSIT CONTRIBUTION

• Implementing a transit mobile safety application
• Budgeting $5M in 2020 to replace outdated on-board video cameras
BRAMPTON IS A WELL RUN CITY

• Public Participation
• Modern Workforce
• Collaboration and Advocacy
• Stewardship of Assets and Services
• Service Excellence

TRANSIT CONTRIBUTION

• Budgeting $10M in 2020 for bus refurbishments
• Budgeting $10M in 2020 to replace aging PRESTO fare collection equipment
• Jointly purchasing diesel fuel with Metrolinx and MiWay
• Transit Customer Satisfaction Survey
• Customer Experience Strategy – Participant
PROJECT UPDATES

- Hurontario LRT
- Queen Street Bus Rapid Transit
- Electric Bus Pilot Project
- Third Maintenance and Storage Facility
- Two-way GO Transit Service
- Downtown Mobility Hub
HURONTARIO-MAIN LRT

- Light rail transit from Port Credit GO to Brampton GO
- Implementation in two phases
  - Phase 1: Port Credit GO to Brampton Gateway Terminal at Steeles Avenue
  - Phase 2: Brampton Gateway Terminal to Brampton GO station
HURONTARIO-MAIN LRT – PHASE I

- Led by Metrolinx in partnership with the Cities of Mississauga and Brampton, and Region of Peel
- Design, Build, Finance, Operate & Maintain
- 18 kilometres from Port Credit GO to Brampton Gateway Terminal
- 19 stops - connections to existing & future transit
- $1.4 Billion in capital funding from the Province of Ontario
- Brampton Gateway LRT stop is the northerly terminus
The EA study for the Hurontario-Main Street LRT Extension will examine extending the LRT along Main Street between Brampton Gateway Terminal and Brampton GO station.

The EA study will include several opportunities for public engagement including the business community, residents, and Council.

Two public open houses will be held – spring 2020 and fall 2020, with study completion scheduled for end of summer 2021.

A key component of the EA study will be a business case analysis in coordination with Metrolinx.
QUEEN STREET BUS RAPID TRANSIT

- Metrolinx is working with the City of Brampton, the Region of Peel, and York Region to develop a framework for advancing rapid transit along the Queen Street-Highway 7 corridor.
- Initial Business Case (IBC) will recommend a preferred approach for upgrading the existing Züm services on Queen Street to full rapid transit standard – along with extending the Viva BRT Rapidway from York Region.
- Implementation timeframe: 5 – 10 years, subject to funding and approvals.
ELECTRIC BUS PILOT PROJECT

- Federal Government funding: $11.2M
- Procurement has begun:
  - New Flyer: six buses (23 Sandalwood)
  - Nova Bus: two buses (26 Mount Pleasant)
  - ABB: three 450kWh chargers
    - Two @ Mount Pleasant Village
    - One @ Queen Street & Hwy 50
  - Siemens: one 450kWh charger for Sandalwood Facility
- Equipment delivery: 2020
- Revenue service estimate: end of 2020 or Q1/2021
- Creative branding being developed
THIRD MAINTENANCE AND STORAGE FACILITY

• Facility design in progress

PHASE 1:
• 300,000 – 400,000 sq. ft.
• Storage for 250 40-ft buses (mix of 40’ & 60’)
• 25 to 36 maintenance bays
• Administrative offices
• Estimated completion: 2024

PHASE 2:
• Additional 100,000 – 200,000 sq.ft.
• Up to 11 additional maintenance bays
• Storage for additional 188 40-ft buses

• Project development is dependent on funding
TWO-WAY GO TRANSIT SERVICE + DOWNTOWN MOBILITY HUB

• Updated Initial Business Case for the Kitchener GO Rail Service Expansion Program is complete

• Next steps:
  • Advancement of the Preliminary Design Business Case, which will further refine the project's scope, benefits, and costs.
  • Ongoing discussions about future improvements.

• Downtown Brampton is identified as an “Anchor Mobility Hub” by the province that provides connectivity between regional and rapid transit services.

• It has strategic importance given its location and role as a primary gateway and its potential to transform the city structure and regional transportation system.
THANK YOU