

Engagement Summary Report City of Brampton

Downtown Transit Hub Study

Prepared by HDR Updated May 6, 2024

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1.0 Engagement Overview

Background

The new Downtown Transit Hub is planned to increase the capacity and quality of the transit service in Brampton by potentially doubling the number of bus bays while featuring passenger and operator amenities such as ticketing area, indoor waiting area, washroom and lunchroom facilities, concessions, and covered platform waiting areas. The new transit hub will also be planned and designed to accommodate electric bus technologies.

This engagement summary report outlines the engagement activities that took place to inform stakeholders and the public of the study, how to get involved, and the feedback received.



Figure 1: Downtown Transit Hub Preliminary Study Area

Organization of Engagement

The first round of consultation held between November 20, 2023 to December 20, 2023 provided virtual opportunities for the public and stakeholders to get involved in the project study. A four-question survey, along with an open-ended comment form to solicit people's opinions on the opportunities, options, and evaluations was hosted on the City of Brampton's project webpage at: www.brampton.ca/transithub. This provided an on-demand experience for the community to review project information and provide feedback electronically at their convenience. On November 20, a virtual Technical Advisory Committee (TAC) meeting was held to provide stakeholders with a forum to share their insights and questions regarding the study. On November 22, community members had the opportunity to attend a virtual Public Information Centre (PIC) hosted by the project team to answer questions regarding the study or provide additional context to those seeking a deeper understanding. An overview of the first round of

engagement activities are provided in **Table 1**, and a copy of the material presented at the PIC (both the live presentation and more comprehensive downloadable package) are attached in **Appendix A – PIC Materials**. A second round of public engagement will take place in spring of 2024.

Table 1: Key Engagement Activities – Round 1

Engagement Activity	Date/Time			
Online Survey (hosted at www.brampton.ca/transithub)	November 22, 2023 to December 20, 2023			
Online Comment Form (hosted at www.brampton.ca/transithub)	November 22, 2023 to December 20, 2023			
Technical Advisory Committee (TAC)	November 20, 2023, from 1 p.m. to 2 p.m.			
Public Information Centre (PIC)	November 22, 2023, from 7 p.m. to 8 p.m.			

Communication Tactics

To promote the engagement activities, the City of Brampton used traditional media, social media, digital ads, project website, and mailers.

The project website (<u>www.brampton.ca/transithub</u>) went live on November 15, one week prior to the PIC.

An advertisement for the PIC appeared in the Toronto Star on November 9 and 15, Brampton Guardian November 13, and Midweek Newspaper (Ethnic) on November 14.

11,014 physical-copy postcards were also mailed out to residences within an approximate 200m radius of the study area on November 14.

The Brampton Transit Facebook, Instagram, and X (formerly known as Twitter) social media accounts had various posts between November 13 and November 22 promoting the upcoming engagement event.

Digital ads were also placed at Garden Square from November 8 to December 31 and in hospital digital TV screens at Peel Memorial Hospital and Brampton Civic hospital from November 23 to December 21 promoting awareness about the transit hub study as a whole.

For a full list of promotional activities, dates, and statistics, see **Appendix B – Communication Tactics and Statistics**.

2.0 Feedback Summary

Online Survey

The online survey was live for four (4) weeks and received 10 total responses. The recurring themes that emerged from the feedback revolved around safety, accessibility, and better connections. Concerns were raised regarding ensuring pedestrian safety at busy intersections, operator safety (i.e., adding acrylic glass to all busses creating a separation between

passengers and driver), and adding cameras on busses to record any incidents that might occur. Accessibility was also raised as a common theme among respondents, which included both accessible pedestrian considerations as well as accessible transit to help move people across the city. The final key theme was connections, as many respondents are hoping that future Brampton Transit will tie into other transit services such as LRT, GO, and other BRTs allowing for seamless connections to other municipalities.

For a full list of survey responses, see Appendix C - Online Survey Results.

Online Comment Form

The online comment form was live for four (4) weeks and received 9 total responses. Respondents were interested in increasing service frequency (particularly for Brampton Transit routes 5 and 29), and expanding the scope of this study to allow for a more holistic approach to Brampton's public transit and housing, and avoiding the risk of working in isolation of other ongoing City of Brampton projects.

For a full list of comment form responses, see Appendix D – Online Comment Form Results.

Technical Advisory Committee (TAC)

A virtual TAC meeting was held on November 20, 2023, from 1:00 pm to 2:00 pm. A total of 20 stakeholders were in attendance. Stakeholders reviewed the preliminary documents and presentation that were being prepared for the PIC and provided their inputs for improvements. Examples of improvements included the inclusion of a TMP recommendation to extend Williams Drive, south of Church Street, more detailed slides pertaining to traffic analysis, and describing constraints under existing conditions to help with option screening.

Public Information Centre (PIC)

A virtual PIC was held on November 22, 2023, from 7:00 pm to 8:00 pm. Aside from the project team, there were 42 participants in attendance. The purpose of this PIC was to share the following items with the public:

- 1) Project overview and history
- 2) Long list evaluation methodology and criteria
- 3) Draft long list options
- 4) Preliminary evaluation of long-list options
- 5) Next steps
- 6) Questions and answers

Participants asked thoughtful questions regarding the rating system being used for the options, connections to other transit services, technical details for certain design options, timelines, and more.

For a full list of questions and answers, see **Appendix E – Questions and Answers**.

3.0 Next Steps

The next steps for the Downtown Transit Hub Study are to review and respond to all comments received from stakeholders and the public. Then, the project team will confirm the preferred short-listed alternative solutions, develop and evaluate the short-listed design alternatives, and finally, identify a recommended approach for the transit hub. A second PIC will take place in Spring 2024 to share these updates with stakeholders and the public, as well as to obtain any outstanding inputs before finalizing and submitting the final report to Council.

Appendix A – PIC Materials

Downloadable PIC deck of display materials available on the City of Brampton's website: Brampton Transit Hub PIC 1 Deck for Website_FINAL

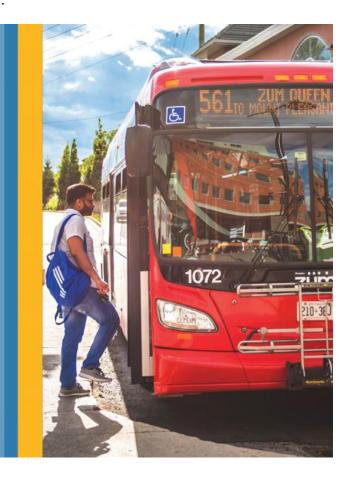
PIC slides from live presentation are available below:

Welcome to the Downtown Brampton Transit Hub (Bus Terminal)

TPAP, Preliminary Design, and Business Case Study

Public Information Centre (PIC) #1





Land Acknowledgement

We respectfully acknowledge that the City of Brampton is located on treaty lands and territory of the Mississaugas of the Credit and the traditional territory of the Huron-Wendat and the <u>Haudenosaunee</u>. The City of Brampton is a contemporary home to many First Nations, <u>Inuit</u> and Metis people today. Brampton appreciates and respects the history and diversity of the land and is grateful to have the opportunity to work and meet in this territory. The City of Brampton joins with First Nation groups in partnership, <u>friendship</u> and reconciliation.

DOWNTOWN BRAMPTON TRANSIT HUB

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Recording Notice

This meeting is being recorded for the purposes of creating a summary report that will be shared with all participants. The video will also be posted on City of Brampton website.



Code of Conduct

We want to hear from you. All questions are good questions!



Be patient.

Virtual meetings don't always run as smoothly as planned.



Be brief.

Limit yourself to one question or comment when called on to speak.



Be respectful.

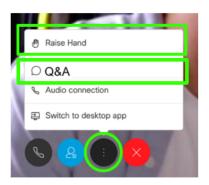
The City of Brampton is an inclusive public organization. Discriminatory, prejudicial or hateful comments and questions will not be tolerated, and you will be removed from the meeting.

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Participating by Computer



Raise your hand or type your question.



Internet browser

Click the "..." button at the bottom of the video window and select Raise Hand or Q&A.



Webex App

Click the **Participants** button at the bottom of the video (the Participants panel will open to the right). Then click the **Raise Hand** or **Q&A** button at the bottom right.

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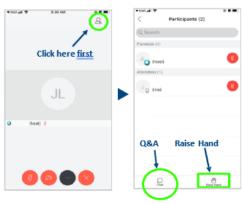
DOWNTOWN BRAMPTON TRANSIT HUB

Participating by Smartphone or Tablet





Raise your hand or type your question.



Smartphone

Click the **Participants** panel button at the top right corner of the screen. Then click **Raise Hand** or **Q&A** at the bottom of the screen.



Tablet

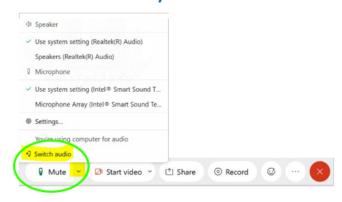
Click the **Participants** panel button at the bottom of the screen. Then click the **Raise Hand** or **Q&A** button at the bottom of the screen.

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Webex Audio Trouble?



Webex can call you!





- 1. Click arrow beside your mute button.
- 2. Click Switch audio.
- 3. Use Call me function and enter your phone number.
 - · Webex will call your phone.
 - · No long distance charges.

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Audio Still Not Working?



Call into the meeting.

Dial: xxx-xxx-xxxx.

When prompted for a meeting number,

enter: xxxxxxxx.



Raising your hand by phone.

To raise your hand virtually, key in *3.

The Host will see a hand up beside the last four digits of your phone number.

During the Q&A period, the Host will unmute you and let you know that you can speak.

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Agenda

- 1. Land Acknowledgement
- 2. Purpose of Consultation
- 3. Project Overview and History
- 4. Long List Evaluation Methodology & Criteria
- 5. Draft Long-List Options
- 6. Preliminary Evaluation of Long-List Options
- 7. Next Steps
- 8. Questions and Answers



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Purpose of Consultation

The purpose of this PIC is to introduce the project, present the work completed to date, and receive input on future considerations, such as:

- Why this study is taking place
- Determining optimal configuration and location of the future transit hub
- Balancing the needs of all stakeholders
- Documenting all questions and comments received, and addressing them in the final study <u>report</u>
- Next steps

A comment form is available on the project webpage for your input:

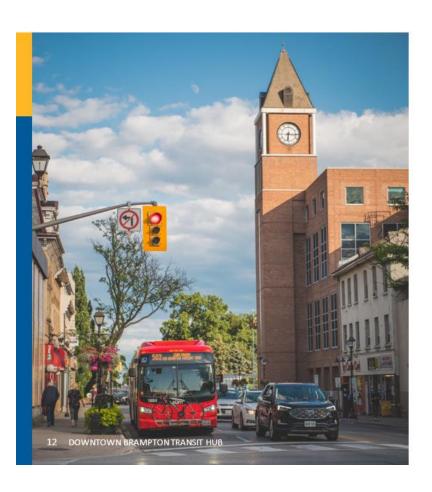
www.brampton.ca//EN/residents/transit/Projects-Initiatives/Pages/Downtown-Brampton-Transit-Hub





Project Overview and History





Project Overview

The <u>City</u> is undertaking a study to design a new transit hub in the Downtown Core, to address future transit needs and take advantage of opportunities to better integrate with other initiatives in Downtown Brampton.

- Through this study, the <u>City</u> will:
 - Identify future transit hub requirements
 - Determine the right site for the transit hub
 - Identify the most appropriate delivery model for the hub (stand-alone facility or integrated with new development)
 - Determine the procurement model (traditional vs Public-Private Partnership)

The project team has completed the existing conditions investigation for the study, including background documents review, urban design and land use planning, natural environmental inventory, heritage / archaeology inventory, and traffic analysis.

The project team is currently in the process of establishing the long list of design concepts, and associated evaluation of the options to identify a short-list to carry forward for further design refinement and assessment.



Problem / Opportunity Statement

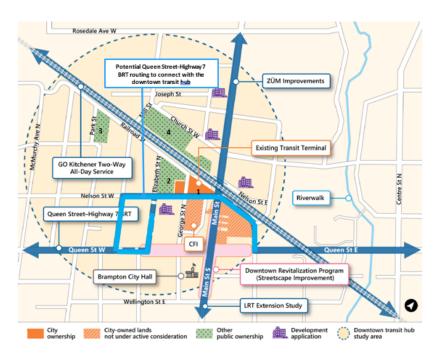
- The existing downtown Brampton transit terminal is facing difficulties in accommodating the capacity needed for current and future transit services.
- Specifically, anticipated rapid transit services, including increased service frequency on the GO rail corridor immediately north of the site, the introduction of the Brampton LRT, as well as the Queen St-Highway 7 BRT, will lead to an increase in demand on the local transit network. Furthermore, the existing transit terminal is anticipated to be impacted by the proposed widening of the rail corridor.
- Consequently, the new proposed Transit Hub can address the capacity constraints while also presenting the opportunity to provide improved connection between municipal and interregional transit networks, as well as supporting the intensification and mobility objectives listed in municipal and regional planning policies.

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Study Area

- Potential Sites for Transit Hub
 - 1. 8 Nelson Street
 - 2. Elizabeth / George Block
 - 3. Park Street
 - 4. Brampton GO Station
- Preliminary screening of sites indicated that Sites 1, 2, and 4 offer sufficient size to accommodate the transit hub.
- Site 3 is too small to accommodate program requirements, is disconnected from the GO Rail and proposed LRT station, and has fewer access/egress routes
- As such, the <u>long-list</u> of transit hub options was developed focusing on Sites 1, 2, and 4 as they are most feasible





Planning Context

Numerous planning initiatives are ongoing in the area:

- Transportation Master Plan (2015)
- Brampton Major Transit Station Area Study (MTSA) Plans (2023)
- Update to Downtown Secondary Plan (to be initiated 2024)
- Living Mosaic: Brampton 2040 Vision (2018)
- Riverwalk Area Urban Design Master Plan (2022)
- Downtown Brampton Flood Protection Environmental Assessment (2020)
- IDP Workshop Summary (2022)
- Downtown Brampton Streetscape Manual (under development)
- Metrolinx Queen Street Highway 7 BRT Study (Ongoing)
- City of Brampton: LRT Extension Study (2023)

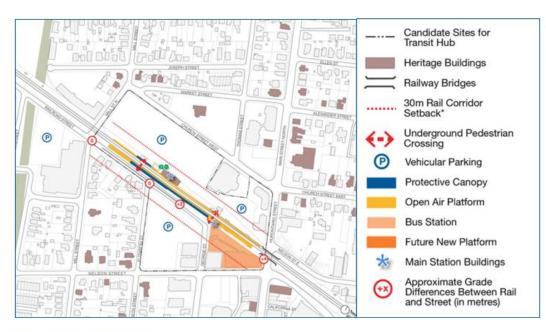


IDP Workshop Summary Plan (Summer 2022)

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Study Area Context | Transit Infrastructure



The current GO station is centred around vehicular parking. All the land owned by Metrolinx near the station is dedicated to surface parking, including the most recent addition of the block on Elizabeth Street.

Considerable grade changes are present in the study area, increasing in the eastern direction.

* New construction for sensitive land uses (<u>e_g_</u> residential) within set-back requires mitigation measures based on FCM Guidelines (2014) such as crash walls.



Future Transit Services

- Number of bus routes will remain the same in the <u>future</u>
- Anticipate more local routes to loop into the terminal
- Route 24/25 will be looped in the terminal to pick up more passengers to the Hospital <u>area</u>
- Route 502 will be shortened to the LRT station in the future <u>scenario</u>
- GO Bus service is assumed to be decreased down to 2 bus <u>bays</u>

Existing System Map Downtown Brampton Terminal 57 · 1/1A • 52 • 501 • 561 · GO Bus (31, 33, 37) Main St Zum Stations . 2 1 1A 2 24 25 52 • 24 . 25 • 502 Downtown Bus Terminal Functional Requirements Estimate of number of bays required for: Brampton Transit/Zuga - Standard 12m (B-12) buses Brampton Transit/Zuga - Articulated 18m (A-BUS) buses All must meet AODA requirements GO Transit Layover spaces for Brampton Transit/Zum (standard and articulated buses) 3 bays - 1 x 60', 2 x 40' and GO Transit (If no service bays doubled-up) Protected for in dedicated layover bays E-bus charging requirements Concrete pad for BEB infrastructure - 5m x 27m footprint Supervisor vehicles (accommodated in layover area) 1 Staff parking (accommodated in layover area) Maintenance vehicles (accommodated in layover area) 1 Maintenance / Security Additional Parking (Eng. PPUDO) Under consideration

Study Process

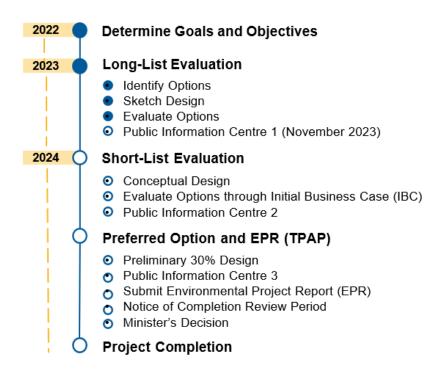
The evaluation of options is a multi-level process that will occur over the course of the study.

Through the three-level process, the long list of Downtown Transit Terminal options will be evaluated and narrowed down to a short list. The long list is presented at Public Information Centre 1 (PIC1)

The Transit Project Assessment Process (TPAP)

is a provincial environmental assessment process developed specifically for the approval of public transit projects.

Proponents must complete the prescribed steps of the process within specified time frames.





Transit Project Assessment Process (TPAP)

The Transit Project Assessment Process (TPAP) is a streamlined Environmental Assessment process developed specifically for the approval of public transit projects.

Environmental studies are underway to evaluate any potential impacts the project may have on the surrounding community or natural environment and recommend ways to mitigate or minimize those impacts.

The Environmental Project Report (EPR) is a component of the TPAP that includes the studies listed on the right.



Natural Environment Technical Report



Socio-Economic and Land Use Characteristics Assessment



Multi-Modal Transportation Analysis



Stage 1 Archaeological Assessment



Air Quality Technical Report



Noise & Vibration Technical Report



Cultural Heritage Report



Climate Change and Sustainability



Phase 1 Environmental Site Assessment Report



Stormwater Management

DOWNTOWN BRAMPTON TRANSIT HUB

Long List Evaluation Methodology & Criteria

SSM BRAMPTON

Long List Evaluation Methodology & Criteria

Will generally follow the Metrolinx Business Case structure, which focuses on **four cases** to shape the evaluation criteria:

An Initial Business Case (IBC) report will summarize the findings of the study, such as the options considered and the results of the evaluation. It will also be used to advance the project and seek funding.



Strategic Case:

How and why should the investment be pursued; based on goals, plans and policies?



Economic Case:

What is the investment's overall value to society?



Financial Case:

What are the financial implications of delivering the investment?



Deliverability and Operations Case:

What are the risks and requirement to consider <u>to deliver</u> and operate the investment?



Initial Business Case Overview

Problem/Opportunity

Define a problem or opportunity that should be addressed based on policies and plans; articulating the vision, goals, and objectives that investments are evaluated against.



Investment Options

Define a set of options to be tested against the vision, goals, and objectives



Strategic Case:

How and why should the investment be pursued; based on goals, plans and policies?



Economic Case:

What is the investment's overall value to society?



Financial Case:

What are the financial implications of delivering the investment?



Deliverability and Operations Case:

What are the risks and requirement to consider <u>to deliver</u> and operate the investment?



Long List Evaluation Methodology & Criteria

Business Case	Objectives	Criteria			
	Integrating the transit network in downtown Brampton	Distance from Transit Hub to Brampton LRT station and GO train/bus platforms			
		Distance to nearby bike lanes, sidewalks, and trails			
	Enabling multi-modal access and egress to transit	Space available for passengers pick up and drop off			
		Space available for bike parking			
	Support city-building objectives by connecting with future mixed-use development	Supporting the City's Official Plan vision for downtown Brampton			
		Supporting the Brampton 2040 Vision			
₹.		Supporting the City of Brampton Transportation Master Plan			
Strategic	Increase hub capacity to support service growth for	Number of bus bays			
Case	Brampton	Number of buses per hour			
	Reduce transfer times	Platform to platform distance for: Bus to bus Bus to Brampton LRT Bus to GO train			
		Provides shelter from poor weather conditions			
	Improve comfort and quality of service	Space available for seating			
		Space available for washrooms			

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Long List Evaluation Methodology & Criteria

Business Case	Objectives	Criteria			
	Provide safe and efficient access and transfers for transit	The need to cross the street and/or railroad tracks to access platforms			
	passengers	Provides a sense of safety by being in an enclosed space away from the streets			
		Size of the Transit Hub			
\	Improve energy efficiency and minimal impacts to natural and cultural environment	Impacts to the natural environment			
- <u>Q</u> -		Impacts to noise and air quality			
•		Impacts to cultural heritage and archaeology			
Strategic Case	Supports transition to more sustainable transit technologies	Enroute charging opportunities			
	to a constitute of the condensate to be a lab	Retail opportunities			
	Improve quality of life and public health	Public space opportunities			
	Support the needs of transit-dependent individuals	Integrate feedback from public consultation			
	Integrate transit and land-use to form sustainable, transit-oriented communities	Size of developable area			

Long List Evaluation Methodology & Criteria

Business Case	Objectives	Criteria
	User Benefits	Transfer times: Bus to bus Bus to Brampton LRT Bus to GO train
Economic Case		Impacts to auto traffic

Business Case	Objectives	Criteria		
		Approximation of capital costs		
	High Level Cost	Approximation of operating and maintenance costs		
Financial				
Case		Approximation of opportunity cost of land		

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Long List Evaluation Methodology & Criteria

Business Case	Objectives	Criteria			
		Property impacts			
N. C.	Design/Operational Tradeoffs	Ability for future expansions			
	Operation	Number of turns to access Transit Hub for buses			
		Staff facilities			
Deliverability		Functional requirements			
& Operations		Constructability			
Case	Construction and Militarian	Construction traffic management			
	Construction and Mitigation	Construction impacts to nearby businesses			
		Construction impacts to transit operations			



Draft Long List Options



Railroad Street Treatment Options

- Proposed rail corridor expansion to accommodate two-way all-day rail service is anticipated to encroach on Railroad St and 8 Nelson site
- A closure or realignment of Railroad Street is likely with associated property <u>impacts</u>
- Alternative treatments will be developed in conjunction with the transit hub options, including:



Draft Long List Options

OPTION 1

On-Street Exchanges:

1a: Nelson Street

1b: Railroad Street (Realigned)

OPTION 2

Off-Street Exchanges:

2a: Metrolinx South Park and Ride Lot

2b: Nelson Street Loop

2c: Railroad Street Loop

2d: Railroad Street Through

OPTION 3

Split Exchanges:

3a: Brampton GO Lot / Nelson Street

3b: Brampton GO Lot / Railroad Street (Realigned)

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Option 1: On-Street Exchanges (South of Railway Corridor)

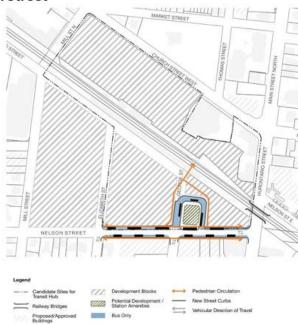
1a: Nelson Street

1b: Railroad Street (Realigned)

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Option 1a

Nelson Street



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Option 1b

Railroad Street (Realigned)



Impacts to Property	 Requires widening of Nelson St from Elizabeth St to Main St. Widening could occur on north or south. Bus Layover/Charging and Operator Facility will impact 8 Nelson St 			
Impacts to Transit Operations	Main Street ZUM Stop shifted south Requires some services to turn around on local streets.			
Impacts to Traffic / Road Network	Potential to retain George St and realigned Railroad St			
Compatibility with Proposed LRT	Compatible with underground LRT alignment Potential to share operator facilities with LRT headhouse			
Connectivity	Increase in passenger walk distance to GO Station and future LRT Some passengers will have to cross Nelsor Street to access GO Rail station			

development

Nelson St

Retains full Elizabeth-George block for

Potential for integrated development on 8



Development Potential

Key Considerations

Impacts to Property	Would impact entire 8 Nelson Street <u>site</u> Would impact approximately 25% of GO Park and Ride Lot (south) <u>site</u>
Impacts to Transit Operations	Requires a temporary transit terminal during construction.
Impacts to Traffic / Road Network	Close Nelson Street between Main and George Convert George Street to Transit Only Use north of Nelson Street Realign Railroad Street, skew at Main Street may necessitate turning restrictions due to limited visibility.
Compatibility with Proposed LRT	Compatible with Surface LRT alignment only
Connectivity	Bus-to-rail transfers would be comparable to today's operation Widely-spread stops could increase bus-to-bus transfer distances Some passengers would have to cross Railroad Street to access other buses or GO Rail platforms
Development Potential	Retains 75% of GO Park and Ride Lot (South) Site, protects frontage on Nelson Street
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Option 2: Off-Street Exchanges (South of Railway Corridor)

2a: Metrolinx Park and Ride Lot (South)

2b: Nelson Street Loop

2c: Railroad Street Loop

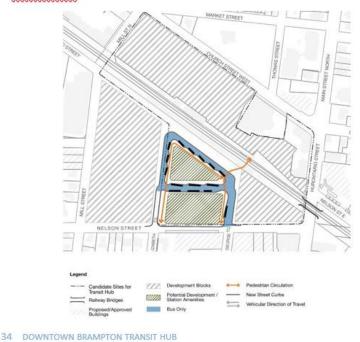
2d: Railroad Street Through (New)

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Option 2a

Metrolinx South Park and Ride Lot



Key Considerations Impacts to Property • Bus platforms impact ~50% of existing GO Park and Ride Lot site Impacts to Transit · Slight increase in net mileage due to bus Operations circulation. Minimizes the need to realign routes through local street network Impacts to Traffic / Railroad Street converted to bus-only, **Road Network** one-way east of Elizabeth Street · George Street converted to bus-only use north of Nelson Street Compatibility with · Compatible with both surface and below-**Proposed LRT** grade LRT alignments Connectivity • All bus-to-bus transfers contained on single island Bus-to-rail transfers require crossing bus path and rail corridor. · Retains 50% of Metrolinx South PnR Lot Development Potential · Potential to integrate with overhead development **BRAMPTON**

Option 2a (ALT)

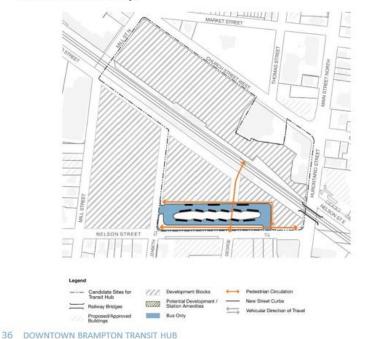
Metrolinx South Park and Ride Lot



Impacts to Property	 Layover/operator facility impacts entire Nelson 8 Site Bus platforms impact ~30% of existing GO Park and Ride Lot site.
Impacts to Transit Operations	No significant change to bus routes from existing
Impacts to Traffic / Road Network	Railroad Street converted to bus-only, one-way east of Elizabeth Street George Street converted to bus-only use north of Nelson Street
Compatibility with Proposed LRT	Compatible with both surface and below- grade LRT alignments
Connectivity	All bus-to-bus transfers contained on single island Bus-to-rail transfers require crossing bus path and rail corridor. Bus to LRT transfers require crossing bus path
Development Potential	Retains 70% of Metroling South PnR Lot Site
	SS BRAMPTON

Option 2b

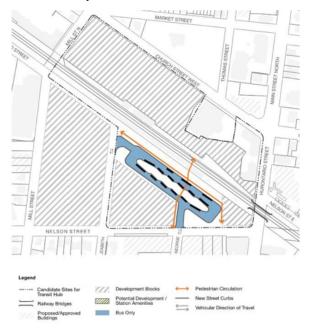
Nelson Street Loop



Key Considerations Impacts to Property • Impacts 40% of GO Park and Ride Lot (south) site. No significant change to bus routes from Impacts to Transit Operations existing · Contains layover and service bays in same site Impacts to Traffic / Requires closure of George Street and Road Network Railroad Street east of Elizabeth Street. Compatibility with · Compatible with both surface and below-**Proposed LRT** grade LRT alignments Connectivity Bus-to-bus transfers are close and Bus-to-rail transfers require crossing bus path and layover Substantially increases pedestrian crossings through the terminal area, not just for transit passengers, but pedestrians from developments to the south wanting to access Station. • Retains 60% of GO Park and Ride Lot Development Potential (south) site Bus station impacts desirable site frontage on Nelson Street · Potential to integrate with overhead development **BRAMPTON**

Option 2c

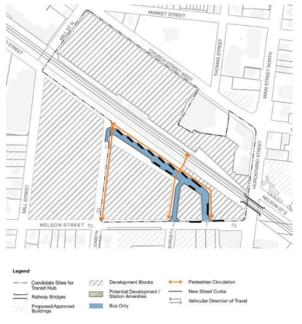
Railroad Street Loop



Impacts to Property	 Impacts 40% of GO Park and Ride Lot (south) <u>site.</u>
Impacts to Transit	No significant change to bus routes from
Operations	existing
Impacts to Traffic /	Requires closure of George Street and
Road Network	Railroad Street east of Elizabeth Street.
Compatibility with	Compatible with both surface and below-
Proposed LRT	grade LRT alignments
Connectivity	Bus-to-bus transfers are close and convenient Bus-to-rail transfers require crossing bus path and layover. Substantially increases pedestrian crossings through the terminal area, not just for transit passengers, but pedestrians from developments to the south wanting to access Station.
Development Potential	Retains 60% of GO Park and Ride Lot (south) Site Maintains desirable Nelson Street frontage for development Potential to integrate with overhead development

Option 2d

Railroad Street Through



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Key Considerations Impacts to Property • Impacts 30% of GO Park and Ride Lot (south) site. · Increases circulation required for buses Impacts to Transit Operations Impacts to Traffic / • Requires closure of George Street and Road Network Railroad Street east of Elizabeth Street. Compatibility with · Compatible with both surface and below-Proposed LRT grade LRT alignments Connectivity • Bus-to-bus transfers are increased over existing condition Bus to rail transfers and most bus to LRT transfers do not cross bus path. · Retains 70% of GO Park and Ride Lot Development (south) Site Potential Maintains desirable Nelson Street frontage for development · Potential to integrate with overhead development (partial) **SERVICE** BRAMPTON



Option 3: Split Exchange

(North and South of Railway Corridor)

3a: Brampton GO Lot / Nelson Street

3b: Brampton GO Lot / Railroad Street (Realigned)

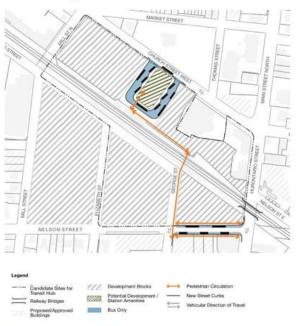
39 DOWNTOWN BRAMPTON TRANSIT HUB

SSM BRAMPTON

Option 3a

Brampton GO Lot / Nelson Street

DOWNTOWN BRAMPTON TRANSIT HUB

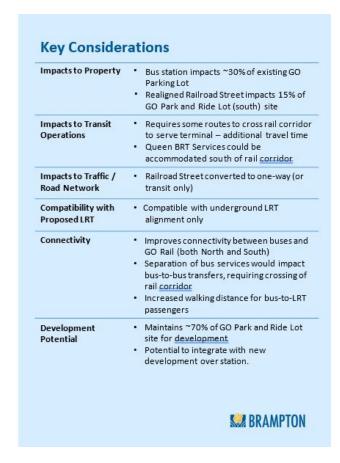


Key Considerations Impacts to Property Bus station impacts ~30% of existing GO Parking Lot Realigned Railroad Street impacts Metrolinx South Park and Ride Lot Impacts to Transit · Requires some routes to cross rail corridor Operations to serve terminal - additional travel time Queen BRT Services could be accommodated south of rail corridor · Railroad Street could be reinstated in full. Impacts to Traffic / Road Network Compatibility with · Compatible with underground LRT Proposed LRT alignment only. Connectivity · Separation of bus services would impact bus-to-bus transfers, requiring crossing of rail corridor Increased walking distance for bus-to-LRT passengers · Maintains ~70% of GO Park and Ride Lot Development Potential for development · Potential to integrate with new development over station. **BRAMPTON**

Option 3b

GO Lot / Railroad Street







Preliminary Evaluation of Long-List Options

Evaluation Summary

Business Case	Key Themes	Do Nothing	Option 1a: Nelson Street	Option 1b: Railroad Street (Realigned)	Option 2a: Metroliox S Park'n'Ride Lot	Option 2b: Nelson Street Loop	Option 2c: Railroad Street Loop	Option 2d: Railroad Street Through	Option 3a: GO Lot/Nelson Street	Option 3b: GO Lot/Railroad Street
Strategic Case	Support City building and urban planning objectives	Does not address study problem/ opportunity	Impacts desirable active frontage on Nelson Street, limits development potential between George and Main	Has significant impacts to road network and precludes development between George and Main	Minimal impacts to active frontages and offers development opportunity on the area between Elizabeth Street and George Street, aligns with Brampton 2040 Vision to densify downtown.	Limits the frontage potential of Nelson Street. Limits development potential of the area between Elizabeth Street and Main Street and does not support Brampton 2040 Vision for a mixed-use downtown with increased density.	Prohibits development potential of the area between George Street and Main Street, and limits development potential between Elizabeth and George Streets.	Closure of Railroad Street and George Street limits network connectivity, and limits development potential of the area between George Street and Main Street.	Minimal impacts to developable lands. Bus bays on Nelson Street partially limits active frontage on Nelson Street.	Minimal impacts to active frontages and offers development opportunity on the area between Mill Street and Main Street, aligns with Brampton 2040 Vision to densify downtown
	Improving passenger experience		Good passenger access and fair inter-modal connectivity, but bus stops are widely-spaced and some require crossing Nelson Street to access.	Bus platforms split across realigned Railroad Street, requiring some passengers to cross realigned Railroad Street to access bus or GO Rail platforms	Most bus-to-bus transfers do not require roadway crossing. Access to the bus terminal or transfers to GO Rail platforms require crossing bus-only roadway.	Bus-to-bus transfers do not require roadway crossing. Access to the bus terminal or transfers to GO Rail platforms require crossing bus-only roadway.	Bus-to-bus transfers do not require roadway crossing. Access to the bus terminal or transfers to GO platforms require crossing bus-only roadway.	Access to bus platforms and transfers to GO Rail platforms can be achieved without crossing bus-only roadways.	Transfers from bus-to-bus or to GO Rail platforms will likely require crossing bus-only path (north) or Nelson Street (south)	Transfers from bus-to-bus or to GO Rail platforms will likely require crossing bus-only path (north). South side bus platforms can access GO Rail platforms directly.

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Evaluation Summary

Option 1b: Option 1a: Option 2a: Option 2b: Option 3b: GO Option 2c: Option 2d: Option 3a: GO Key Themes Metrolinx S Park'n'Ride Lot Nelson Street Railroad Street Nelson Street Railroad Street Railroad Street Lot/Railroad Nothing Good BRT access Fair BRT access Fair BRT access Good BRT access Best bus-bus and Good BRT access Best BRT access Poor BRT access Minimizing Does not travel times and travel times and travel times, good travel time, best good bus-train travel times, best travel times, but travel times, poor travel time address Bus-LRT transfer Bus-LRT transfer bus-bus transfer bus-bus transfers, transfers, but bus-bus and buspoor bus-bus, bus-bus, bus-LRT, for buses bus-LRT, and busand, but poor and, but poor times but poor but poot bus-LRT poor bus-LRT rail transfers, but poor bus-LRT and bus-train and problem/ bus-bus and busbus-LRT and busbus-bus and busand bus-train transfers. train transfers. transfers. opportunity passenger train transfers. train transfers. train transfers. transfers. transfers. Economic transfers Case

Least Preferred

Business Case	Key Themes	Do Nothing	Option 1a: Nelson Street	Option 1b: Railroad Street (Realigned)	Option 2a: Metroliox S Park/n/Ride Lot	Option 2b: Nelson Street Loop	Option 2c: Railroad Street Loop	Option 2d: Railroad Street Through	Option 3a: GO Lot/Nelson Street	Option 3b: GO Lot/Railroad Street
Financial Case	Minimizing capital costs	Does not address study problem/ opportunity	Lowest anticipated capital cost	Moderate anticipated capital costs	Moderate anticipated capital costs	Highest anticipated capital cost	Highest anticipated capital cost	Moderate anticipated capital costs	Highest anticipated capital cost	Highest anticipated capital cost

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Most Preferred

Evaluation Summary

Business Case	Key Themes	Do Nothing	On-Stree	On-Street Exchanges Off-Street Exchanges					Split Exchanges	
			Option 1a: Nelson Street	Option 1b: Railroad Street (Realigned)	Option 2a: Metroliox S Park'r/Ride Lot	Option 2b: Nelson Street Loop	Option 2c: Railroad Street Loop	Option 2d: Railroad Street Through	Option 3a: GO Lot/Nelson Street	Option 3b: GO Lot/Railroad Street
×	Accommodating future functional requirements	address study problem/	All options can a	ccommodate future fu	nctional requirements	i				
Deliverability and Operations	Minimizing Property Impacts	opportunity	Medium in size as compared to other options. Station Area = approx. 8,150m2 (incl.	Medium in size as compared to other options. Station Area = approx. 7,350m ² (incl Railroad Street)	Smaller than most options. Station Area = approx. 6,300m ²	Medium in size as compared to other options. Station Area = approx. 7,900m ²	Largest of all options. Station Area = approx. 9,000m ²	Smallest of all options. Station Area = approx. 5,750m ²	Medium in size as compared to other options. Station Area = approx. 5,900 (North) + 2,500 (south) = 8,400m ²	Medium in size as compared to other options. Station Area = approx. 5,900 (North) + 2,550 (South) = 8,450m ²



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Next Steps



- Review and respond to comments received from stakeholders and public
- Confirm preferred short-listed alternative solutions
- Develop and evaluate the short-listed design <u>alternatives</u>
- ❖ Identify a recommended approach for the Transit Hub
- PIC #2 Anticipated for Spring 2024

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Thank you for attending this PIC



We want to hear from you.: Please take a few minutes to answer our <u>short survey</u> or share your input through our <u>comment form</u>.



Next Steps

- All information from today's meeting is available on the project webpage.
- The next round of public meetings are planned for Spring 2024.



Alternatively, you can e-mail your comment to the project <u>team</u> at the addresses below:

kumar.ranjan@brampton.ca andrew.shea@hdrinc.com



Stay up to date by

Visiting the <u>project website</u>.

Comments and information regarding this study are being collected to assist the study team in meeting the requirements of the Environmental Assessment Act. Information collected will be used in accordance with the Freedom of Information and Privacy Act. Vigit by the exception of personal information, all comments will become part of the public record

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Thank You

Downtown Brampton Transit Hub

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Appendix B – Communication Tactics and Statistics



Communication Tactics & Engagement Summary

Downtown Transit Hub – Public Information Centre #1

Media						
Tactic	Dates	Details				
Toronto Star – Public Notice	Nov 9	<u>Published</u>				
	Nov 15	<u>Published</u>				
Brampton Guardian (digital)	Nov 13	<u>Published</u>				
II KD Fil : A I: AK/	N. dd	5.18.1				
Half Page Ethnic Ad in <i>Midweek</i>	Nov 14	<u>Published</u>				
Newspaper – Ethnic English		Dublished				
Display Ads	Social Media	<u>Published</u>				
Tactic	Dates	Details				
		5 1 5 1 5				
Social Tiles & Digital Screen Assets	Nov 9 – Nov 22	<u>Published</u>				
Revised Social Tiles & Digital	Nov 23 – Dec 20	Published				
Screen Assets	140V 23 - Dec 20	<u>r ublished</u>				
Social Ads (Facebook & Instagram)	Nov 15 – Dec 5	Published				
Coolai 7 as (i accessor a matagram)	1400 10 2000	<u>r dolloried</u>				
	Digital Ads					
Tactic	Dates	Details				
Garden Square November 8 to	Dates Nov 15 – Nov 22	Details Published				
Garden Square November 8 to December 31	Nov 15 – Nov 22	<u>Published</u>				
Garden Square November 8 to December 31 Garden Square November 8 to		= 0.100				
Garden Square November 8 to December 31 Garden Square November 8 to December 31	Nov 15 – Nov 22 Nov 23 – Dec 20	Published Published				
Garden Square November 8 to December 31 Garden Square November 8 to December 31 In-hospital digital TV screens	Nov 15 – Nov 22	<u>Published</u>				
Garden Square November 8 to December 31 Garden Square November 8 to December 31 In-hospital digital TV screens • Peel Memorial Hospital	Nov 15 – Nov 22 Nov 23 – Dec 20	Published Published				
Garden Square November 8 to December 31 Garden Square November 8 to December 31 In-hospital digital TV screens • Peel Memorial Hospital • Brampton Civic Hospital	Nov 15 – Nov 22 Nov 23 – Dec 20 Nov 13 – Nov 22	Published Published Published				
Garden Square November 8 to December 31 Garden Square November 8 to December 31 In-hospital digital TV screens • Peel Memorial Hospital • Brampton Civic Hospital In-hospital digital TV screens	Nov 15 – Nov 22 Nov 23 – Dec 20	Published Published				
Garden Square November 8 to December 31 Garden Square November 8 to December 31 In-hospital digital TV screens • Peel Memorial Hospital • Brampton Civic Hospital In-hospital digital TV screens • Peel Memorial Hospital	Nov 15 – Nov 22 Nov 23 – Dec 20 Nov 13 – Nov 22	Published Published Published				
Garden Square November 8 to December 31 Garden Square November 8 to December 31 In-hospital digital TV screens • Peel Memorial Hospital • Brampton Civic Hospital In-hospital digital TV screens	Nov 15 – Nov 22 Nov 23 – Dec 20 Nov 13 – Nov 22 Nov 23 – Dec 21	Published Published Published				
Garden Square November 8 to December 31 Garden Square November 8 to December 31 In-hospital digital TV screens • Peel Memorial Hospital • Brampton Civic Hospital In-hospital digital TV screens • Peel Memorial Hospital • Brampton Civic Hospital • Brampton Civic Hospital	Nov 15 – Nov 22 Nov 23 – Dec 20 Nov 13 – Nov 22 Nov 23 – Dec 21 Website	Published Published Published Published				
Garden Square November 8 to December 31 Garden Square November 8 to December 31 In-hospital digital TV screens • Peel Memorial Hospital • Brampton Civic Hospital In-hospital digital TV screens • Peel Memorial Hospital • Brampton Civic Hospital • Brampton Civic Hospital	Nov 15 – Nov 22 Nov 23 – Dec 20 Nov 13 – Nov 22 Nov 23 – Dec 21 Website Dates	Published Published Published Published Published Details				
Garden Square November 8 to December 31 Garden Square November 8 to December 31 In-hospital digital TV screens • Peel Memorial Hospital • Brampton Civic Hospital In-hospital digital TV screens • Peel Memorial Hospital • Brampton Civic Hospital • Brampton Civic Hospital	Nov 15 – Nov 22 Nov 23 – Dec 20 Nov 13 – Nov 22 Nov 23 – Dec 21 Website	Published Published Published Published				
Garden Square November 8 to December 31 Garden Square November 8 to December 31 In-hospital digital TV screens • Peel Memorial Hospital • Brampton Civic Hospital In-hospital digital TV screens • Peel Memorial Hospital • Brampton Civic Hospital • Brampton Civic Hospital	Nov 15 – Nov 22 Nov 23 – Dec 20 Nov 13 – Nov 22 Nov 23 – Dec 21 Website Dates	Published Published Published Published Published Details				

Tactic	Dates	Details
Notice Mail-out	Nov 14 (due to	<u>Complete</u>
	Remembrance Day lieu	
	holiday on Nov 13)	

Toronto Star Ad (November 9)





Downtown Transit Hub -

Bus Terminal



66% of Canadian families haven't discussed their final wishes.*

Choosing funeral and cemetery plans can be overwhelming to a grieving spouse. Plan the details now. Together.

Get started today. Scan the QR code to visit us online or call one of our convenient locations for a FREE 87 Decisions, Choices, and Things to Do" brochure.



arbormemortalca

Kumar Ranjan, P. Eng. Manager Higher Order Transit EA City of Brampson 185 Clark Blvd Brampson, ON L6T466

sed on November 08, 2023.



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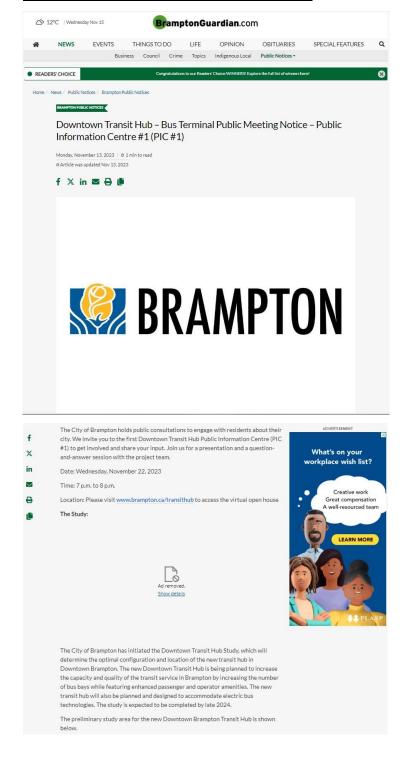
Toronto Star Ad (November 15)

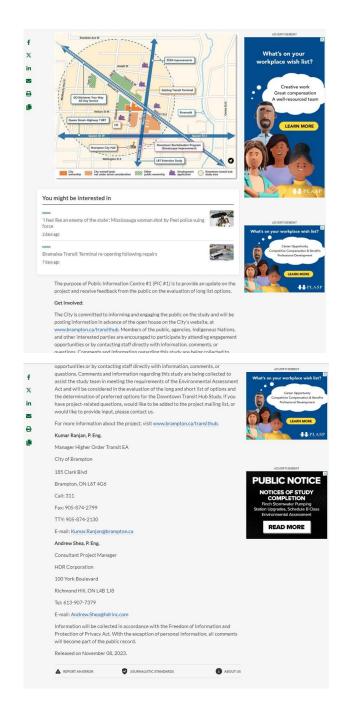


Readership for Toronto Star (Nov 9 and 15)

- Toronto Star GTA readership (for weekday) is 495,000.
- For e-edition subscribers the readership is 30,000.

Brampton Guardian Ad (November 13)





- For digital, the BramptonGuardian.com has on average: 215,000+ monthly unique visitors, and 455,000+ monthly page views.
- Backend Link of the online notice (this available to the BramptonGuardian.com audience during the time period prior to the Nov. 22 meeting):
 https://www.bramptonguardian.com/news/public-notices/brampton/downtown-transit-hub-bus-terminal-public-meeting-notice-public-information-centre-1-pic-1/article_36b803d6-1fd3-5804-a4a2-b6ab41fdf067.html

Midweek Newspaper - Ethnic English Ad (November 14)



Transit

Downtown Transit Hub - Bus Terminal Public Meeting Notice – Public Information Centre #1 (PIC #1)

The City of Brampton holds public consultations to engage with residents about their city. We invite you to the first Downtown Transit Hub Public Information Centre (PIC #1) to get involved and share your input. Join us for a presentation and a question-and-an

Date: Wednesday, November 22, 2023 Time: 7 p.m. to 8 p.m.

Location: Please visit www.brampton.ca/transithub to access the virtual open house

The City of Brampton has initiated the Downtown Transit Hub Study, which will determine the optimal configuration and location of the new transit hub in Downtown Brampton. The new Downtown Transit Hub is being planned to increase the capacity and quality of the transit service in Brampton by increasing the number of bus bays while featuring enhanced passenger and operator amenities. The new transit hub will also be planned and designed to accommodate electric bus technologies. The study is expected to be completed by late 2024.

The preliminary study area for the new Downtown Brampton Transit Hub is shown below.



The Corporation of the City of Brampton

2 Wellington Street West, Brampton, ON L6Y 4R2 T: 905.874.2000 TTY: 905.874.2130

The purpose of Public Information Centre #1 (PIC #1) is to provide an update on the project and receive feedback from the public on the evaluation of long list options.

The City is committed to informing and engaging the public on the study and will be posting information in advance of the open house on the City's website, at www.brampton.ca/transithub. Members of the public, agencies, Indigenous Nations, and other interested parties are encouraged to participate by attending engagement opportunities or by contacting staff directly with information, comments, or questions. Comments and information regarding this study are being collected to assist the study team in meeting the requirements of the Environmental Assessment Act and will be considered in the evaluation of the long and short list of options and the determination of preferred options for the Downtown Transit Hub Study. If you have project-related questions, would like to be added to the project mailing list, or would like to provide input, please contact us.

For more information about the project, visit www.brampton.ca/transithub

Kumar Ranjan, P. Eng. Manager Higher Order Transit EA City of Brampton 185 Clark Blvd Brampton, ON L6T 4G6 Call: 311 Fax: 905-874-2799 TTY: 905-874-2130

E-mail: Kumar.Ranlan@brampton.ca

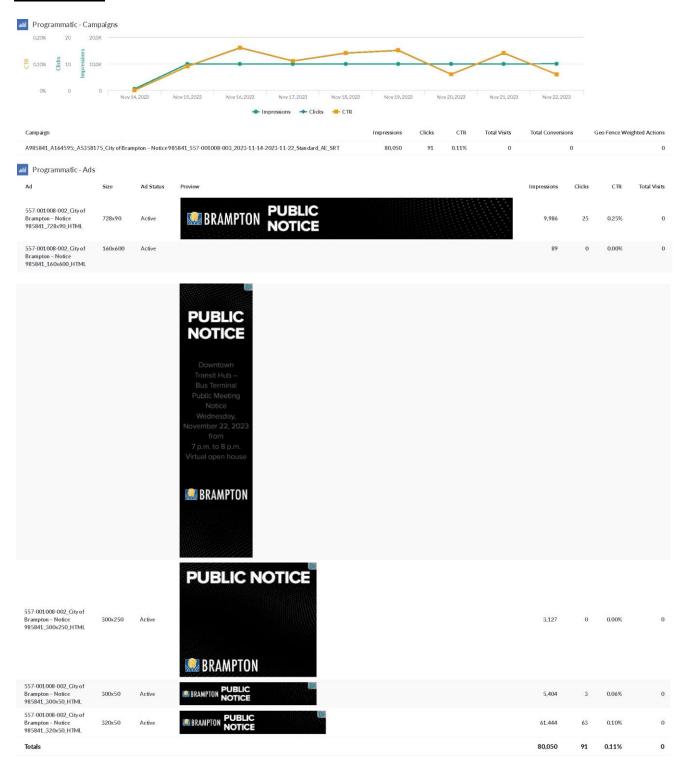
Andrew Shea, P. Eng. Consultant Project Manager HDR Corporation Richmond Hill, ON L4B 1J8 Tel: 613-907-7379 E-mail: Andrew.Shea@hdrinc.com

Information will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record.

Released on November 08, 2023.

Volume	Start date	End date	Metrics
Half Page	13-Nov-23	17-Nov-23	40,000 copies distributed weekly

Display Ads



Programmatic- Domains

Showing top 10 results ordered by Impressions						
Domain Reporting Name			Impressions	Clicks	CTR	Total Visit
wordscapes			19,199	14	0.07%	
Happy Color® – Color by Number			3,907	7	0.18%	
blockudoku - block puzzlegame			2,646	1	0.04%	(
word jam: a word search and word guess brain game			1,405	3	0.21%	(
Number Match			1,372	0	0.00%	(
Block Juggle			1,362	0	0.00%	(
$jigs aw_collection_hd_ios_jigs awcollectionhd_ios_728x90\cdot1_ios_leaderboard_728x90_iab9, iab9\cdot5$			1,186	8	0.67%	(
whisper			1,150	0	0.00%	(
easybrain - art puzzle and roid			1,123	2	0.18%	(
$wattpad-and roid-free books \& stories_wattpad_and roid_320x50_tier2_and roid_xxd arge_320x50_iab1$			1,116	0	0.00%	(
Totals			80,050	91	0.11%	(
✓ Programmatic - Device Types						
Device Type	Impressions	Clicks		CTR		Total Visit
Desktops and Laptops	1,254	0		0.00%		
Mobile	71,963	75		0.10%		(
Tablets	6,833	16		0.23%		
Totals	80.050	91		0.11%		

Social Media

Organic Engagement

Facebook / Instagram









Brampton Transit

calling all Transit riders/users/fam:!

The City is undertaking a stu(fy to plan and design a newtram.it hub in Dowritown ;;:Brampton to addres:sfutl.Jretransit nee-ls., c;

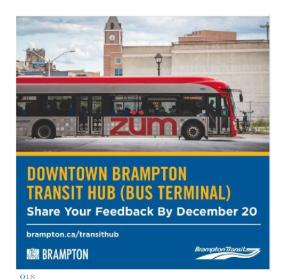
Le-am more and stare your feedbad:: by December 20, 2023, on bus terminal concepts presented at tile first Public Information Centre : www.brampton.ca; Iransithub

=-- Brampton Transit

We want to hear from you!

The City is conducting a Downtown Brampton TrartSit Hub study to plan and design a new transit hub in eoore of Downtown:1tBramptoo.

The study will help determine th€' optimal configuration and location of the new transit hub. . See



DOWNTOWN BRAMPTON
TRANSIT HUB (BUS TERMINAL)
Share Your Feedback By December 20
brampton.ca/transithub
BramptonTransit
BramptonTransit
O14

,,,_ Brampton Transit

:t.-DidYouKrlow?You can help sh.ape the future of transit in Brampton! ${\bf a}$

The City is conducting a Downtown Brampton Transit Hub Study to plan and design a transit tmb in the core of Downtown -:.Brampton.

Jain a virtual meo:-ting and Q&A se-ssion on We<.::!r;,::sday, Novem r 22nd from 7 to 8 pm......see

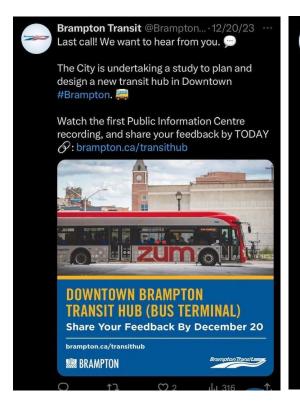


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	Facebook - Bramp			
Post Date	Impressions	Reactions	Comments	Link Clicks
Nov. 20	12,691	17	5	8
Nov. 27	2,453	14	1	9
Dec. 1	24,141	18	0	3
Dec. 14	10,349	17	10	10
<u>Dec. 16</u>	2,278	8	0	5
<u>Dec. 18</u>	1,744	2	0	0
Dec. 20	3,557	7	0	7
	Facebook - City of			
Post Date	Impressions	Reactions	Comments	Link Clicks
Nov. 13	4,060	40	24	16

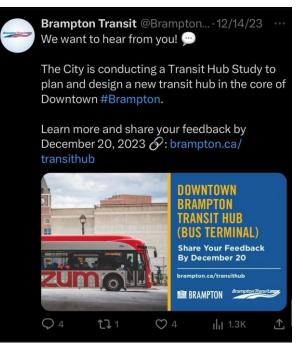
	Instagram Stories - Brampton Transit						
Post Date	Impressions	Story Likes	Link Clicks				
Nov. 20	276	2	3				
Nov. 27	349	3	6				
Dec. 1	395	1	16				
Dec. 14	310	2	11				
Dec. 16	358	5	6				
Dec. 20	292	1	3				
	Instagram Stories	- City of Brampton					
Post Date	Impressions	Story Likes	Link Clicks				
Nov. 13	1,275	4	28				

Twitter/X:











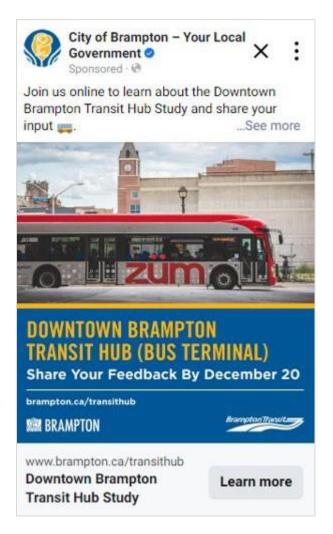






	Twitter/X - Brampton Transit						
Post Date	Impressions	Likes	Retweets	Link Clicks			
Nov. 20	1,561	8	5	15			
Nov. 27	1,236	4	2	14			
Dec. 1	1,162	4	4	10			
Dec. 14	1,340	4	1	10			
Dec. 16	398	1	0	7			
Dec. 18	164	0	0	2			
Dec. 20	315	2	0	3			
	Twitter/X - City of Brampton						
Post Date	Impressions	Likes	Retweets	Link Clicks			
Nov. 13	3,065	13	5	12			

Paid Engagement



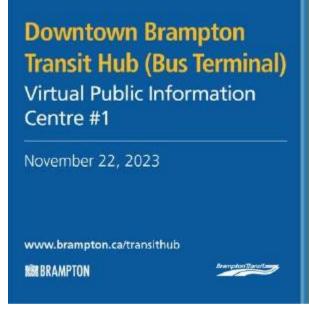
Facebook					
Duration	Impressions	Link Clicks			
Nov. 15 - Dec. 5	120,754	1,314			

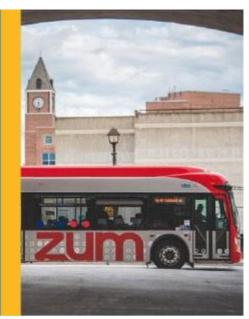
Instagram					
Duration	Impressions	Link Clicks			
Nov. 15 - Dec. 5	51,819	990			

Digital Ads

Digital screens at Garden Square

Nov 15 - Nov 22 Nov 23 - Dec 20



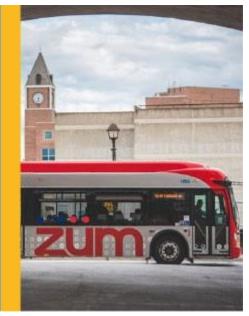




Regarding the Garden square screens, there is no method to track/know the amount of people who frequent the area or look at the screen. The banner ads are on a rotation, and played no less than 10 times per hour, based on averages (and dependent on how many messages are in the display queue.

In hospital ads on digital screens







November Statistics:

Indoor Digital Screen at William Osler Health System Brampton Civic Hospital

Image	Start Date	End Date	Total Plays	Average per day
Downtown Brampton Transit Hub (Bus Terminal) Virtual Public Information Centre #1 November 22, 2023 www.brampton.astransith.ib ##8000708	11/10/2023	11/22/2023	32,276	2,482
DOWNTOWN BRAMPTON TRANSIT HUB (BUS TERMINAL) Share Your Feedback By December 20 Managines are threathers. ER BRAMPTON	11/23/2023	11/30/2023	24,825	3,103

Indoor Digital Screen at William Osler Health System Peel Memorial Hospital

Image	Start Date	End Date	Total Plays	Average per day
Downtown Brampton Transit Hub (Bus Terminal) Virtual Public Information Centre #1 November 22, 2023 www.knewthicatracithub #BRAW708	11/10/2023	11/23/2023	21,122	1,508
DOWNTOWN BRAMPTON TRANSIT HUB (BUS TERMINAL) Share Your Feedback By December 20 Examples As Versibility BE SKAMPTON	11/23/2023	11/30/2023	16,265	2,033

December Statistics:

Indoor Digital Screen at William Osler Health System Brampton Civic Hospital

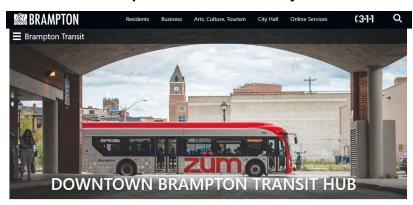
Image	Start Date	End Date	Total Plays	Average per day
DOWNTOWN BRAMPTON TRANSIT HUB (BUS TERMINAL) Share Your Feedback By December 20 Amengian and youthlook BE BRAMPTON	12/1/2023	12/21/2023	46,331	2,206

Indoor Digital Screen at William Osler Health System Peel Memorial Hospital

Image	Start Date	End Date	Total Plays	Average per day
DOWNTOWN BRAMPTON TRANSIT HUB (BUS TERMINAL) Share Your Feedback By December 20 Marganaca/Prostitude 128 BRAMPTON	12/1/2023	12/21/2023	31,937	1,520

Website: www.brampton.ca/transithub

Downtown Brampton Transit Hub Project Website - PIC #1 Information (November 15)





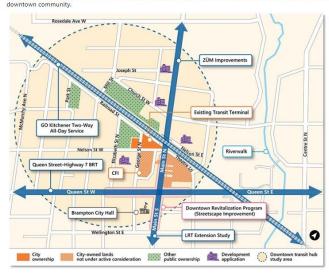
Project Overview

The City is undertaking a study to plan and design a new transit hub in the Downtown Core, to address future transit needs and take advantage of opportunities to better integrate with other initiatives in Downtown Brampton. Such as the Brampton LRT, GO Kitchener Two-Way All-Day service, Queen Street-Highway 7 BRT and Downtown Revitalization Program.

Through this study, the City will identify future transit hub requirements, such as operational, passenger amenities, operator facilities, etc., determine the right site for the transit hub, identify the most appropriate delivery model for the hub – either as a stand-alone facility or integrated with new development, and procurement model (traditional vs Public-Private Partnership) for

The transit hub plan will be developed in coordination with other projects in the area, and in consultation with area stakeholders, throughout the pre-TPAP technical analyses and subsequent formal Transit Project Assessment Process.

This initiative will support positive business impacts, employment opportunities, land value, and improve the lives of the



Documents and Reports

- March 23, 2023: Introductory Notice of Pre-Transit Project Assessment Process Study (TPAP)
 Downtown Transit Hub E!us
 - **Terminal**
- · February 27, 2023: Brampton Transit Updates Council Workshop Transit Hub Slides
- November 17. 2021: Committee of Council Report- Downtown Transit Hub Project- Update

Related Projects



Riverwalk

A transformative opportunity to help revi1alize Brampton's downtown and make it healthy, sustainable and resilient.

earn More



Integrated Downtown Plan

The IOPisa roadmap for action - coordinating Dmvntown Brampton's many ongoing initiatives and inJrastructure projects.

Leam More



Hurontario LRT

Providing 18km of Light Rail Transit from Brampton Gateway Terminal to Port Credit GO.

Learn More



LRT Extension Study

Examining and recommending a preferred Main Street alternati._.e to extend light rail transit from Brampton Gateway Terminal to Brampton GO.

Learn More



Queen Street- Highway 7

A proposed rapid transit line in the cities of Brampton and Vaughan.

Learn More



Major Transit Station Areas

MTSAsare planned to be vibrant public destinations supporting a mix of uses, a variety of housing types and amenities.

Learn More

Contact the Project Team

Kumar Ranjan, P.Eng. Manager, Higher Order Transit EA City of Brampton kumar.ranjan@brampton.ca 905.874.2771

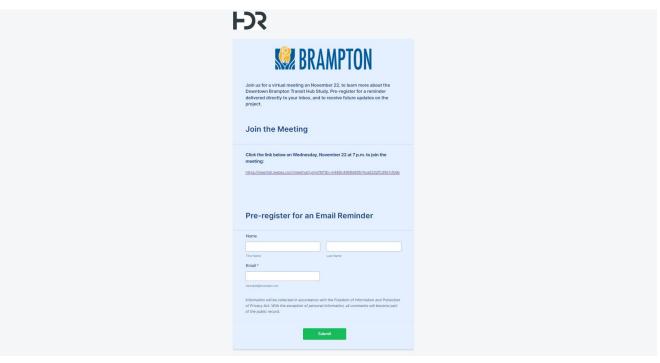
Andrew Shea, P.Eng.

Consultant Project Manager HDRCorporation andrew.:shea@hdrinc.com 613.907.7379

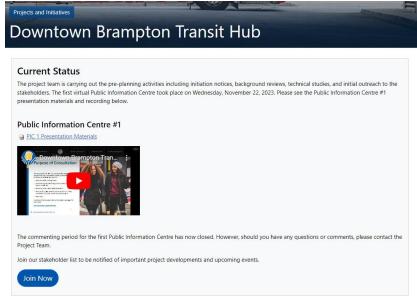
Brampton Transit Website – Web Banner (November 15)



HDR's Landing Page - Webex Details (November 15)



Downtown Brampton Transit Hub Project Website - PIC #1 (Post December 21, 2023)



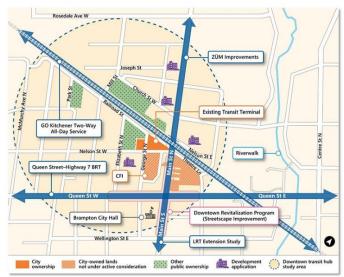
Project Overview

The City is undertaking a study to plan and design a new transit hub in the Downtown Core, to address future transit needs and take advantage of opportunities to better integrate with other initiatives in Downtown Brampton. Such as the Brampton LRT, GO Kitchener Two-Way All-Day service, Queen Street-Highway 7 BRT and Downtown Bewirdlington Program.

Through this study, the City will identify future transit hub requirements, such as operational, passenger amenities, operator facilities, etc., determine the right site for the transit hub, identify the most appropriate delivery model for the hub – either as a stand-alone facility or integrated with new development, and procurement model (traditional vs Public-Private Partnership) for the hub.

The transit hub plan will be developed in coordination with other projects in the area, and in consultation with area stakeholders, throughout the pre-TPAP technical analyses and subsequent formal Transit Project Assessment Process.

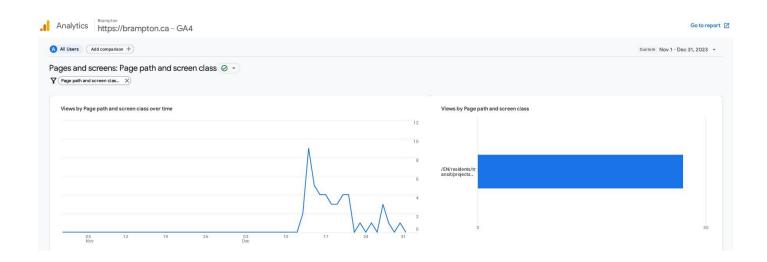
This initiative will support positive business impacts, employment opportunities, land value, and improve the lives of the downtown community.



Documents and Reports

- November 8, 2023: Public Information Centre #1 Update Notice
- March 23, 2023: Introductory Notice of Pre-Transit Project Assessment Process Study (TPAP) Downtown Transit Hub Bus Terminal
- February 27, 2023: Brampton Transit Updates Council Workshop Transit Hub Slides
- November 17, 2021: Committee of Council Report- Downtown Transit Hub Project Update

Views	Users	Views per user	Average Engagement Time	Event counts	Conversions
45	32	1.41	1m 15 s	151	0.00
100% of total	100% of total	Avg 0%	Avg 0%	100% of total	



Notice Mail-out

Canada Post

Quantity - 11,014



Transit

Downtown Transit Hub – Bus Terminal Public Meeting Notice – Public Information Centre #1 (PIC #1)

The City of Brampton holds public consultations to engage with residents about their city. We invite you to the first Downtown Transit Hub Public Information Centre (PIC #1) to get involved and share your input. Join us for a presentation and a question-and-answer session with the

Date: Wednesday, November 22, 2023

Time: 7 p.m. to 8 p.m.
Location: Please visit www.brampton.ca/transithub to access the virtual open house

The Study:

The City of Brampton has initiated the Downtown Transit Hub Study, which will determine the optimal configuration and location of the new transit hub in Downtown Brampton. The new Downtown Transit Hub is being planned to increase the capacity and quality of the transit service in Brampton by increasing the number of bus bays while featuring enhanced passenger and operator amenities. The new transit hub will also be planned and designed to accommodate electric bus technologies. The study is expected to be completed by late 2024.

The preliminary study area for the new Downtown Brampton Transit Hub is shown below



The Corporation of the City of Brampton

2 Wellington Street West, Brampton, ON L6Y 4R2 T: 905.874.2000 TTY: 905.874.2130

The purpose of Public Information Centre #1 (PIC #1) is to provide an update on the project and receive feedback from the public on the evaluation of long list options.

The City is committed to informing and engaging the public on the study and will be posting information in advance of the open house on the City's website, at www.brampton.cat/ransithub. Members of the public, agencies, indigenous Nations, and other interested parties are encouraged to participate by attending engagement opportunities or by contacting staff directly with information, comments, or questions. Comments and information regarding this study are being collected to assist the study team in meeting the requirements of the Environmental Assessment Act and will be considered in the evaluation of the long and short list of options and the determination of preferred options for the Downtown Transit Hub Study. If you have project-related questions, would like to be added to the project mailing list, or would like to provide input, please contact us.

For more information about the project, visit www.brampton.ca/transithub

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Information will be collected in accordance with the Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record.

Released on November 08, 2023.

Appendix C – Online Survey Results

1. Is there anything you feel is missing from the problem and opportunity statement?	2. How do you envision transit services in Downtown Brampton?	3. Which objectives in the long list evaluation do you believe are the most important?	4. Of the options presented, which one do you prefer? Tell us about it.
	Better connected, Accessibility made far better & ppl being able to connect to transit safely & without fear of being attacked or harassed by panhandlers.	Accessibility & Safety.	
Quick preface that I am just a layperson who doesn't drive and relies exclusively on transit to get around. I don't have a deep knowledge of EVERY ongoing plan to improve transit in Brampton. To me, the problem/opportunity statement sounds adequate. Brampton already has a high ridership and the Hurontario LRT and Q7BRT will presumably increase people's use of transit so "capacity constraints" and "improved connection between municipal and interregional transit networks" are definitely priorities.	I envision public transit as the main transportation method in downtown Brampton, complemented by bike infrastructure and accessible sidewalks for people to walk and roll. Right now downtown Brampton feels a lot like a place that people just drive through, not a place that people want to come and stay. Having frequent, reliable, comfortable, and accessible transit service to help people get around the city and to neighbouring cities - making transit just as good or even better than driving - will make downtown Brampton more of a destination.	summarizes what I think is most important. The objectives listed in the "strategic case" seem most important to me, namely: "Integrating the transit network in downtown Brampton," "Support citybuilding objectives by connecting with future mixeduse development" (having better transit can only help with the increased density that downtown Brampton	Options 2C or 2D are my preference. They look compact so as to reduce walking for people making transfers and they're not too far from the GO station or Main St, to facilitate connections to the current 502 route, eventual LRT and the businesses/amenities on Main St. The split exchanges (Option 3), to be very frank, look awful to me, with how much walking is required to make a transfer or get to Main St. And Option 1 makes me uneasy, with through traffic being allowed - I feel like it would only make things more complicated for transit users AND people driving cars.

1. Is there anything you feel is missing from the problem and opportunity statement?	2. How do you envision transit services in Downtown Brampton?	3. Which objectives in the long list evaluation do you believe are the most important?	4. Of the options presented, which one do you prefer? Tell us about it.
		"Improve quality of life and public health" (making downtown Brampton a destination!)	
Displacement of the low income residents of the area affected by construction and removal/demolition of homes and apartments.	I fully agree transit needs the improvement however building high cost high rise buildings will not attract people because there is nothing in the Brampton downtown core. Lower income housing for those who will put up with the noisy trains for the comfort of having an affordable place to live would be beneficial.	As stated above.	
What about WIFI on each bus and extend the transfer more than two hours?	More better service and professionalism by the employees.,those who are rude need better training.	Safety add more protection for the operators with each thick plexi glass on each bus.	Safety,more added cameras all throughout each bus to record of any incidents occur.
No discussion for Direct bus route from dt core to Mayfeild:hyway 410 north .	More frequent - especially to North of sandlewood loop to Mayfeild or 419	LRT great idea -in future to Orangeville ?!	More attention and focus on travelling from Brampton train station to North of the city!!

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No	It's very good	Time schedule	
Bus # 52 always come late. Bus driver (from Gateway Terminal always out of the bus on break. Unlike Mississauga & TTC Buses always full.at times did not show up as Schedule.	More busses, on time and reliable. Hire more good drivers. Supervisors need to monitor how drivers work /performance. Specially at Brampton Gateway Terminal.		
I joined for the on-line presentation last evening on Nov 22. I have lived on Lorne Ave since 1980 and use the GO Train / GO bus service once a month to travel to Toronto. Super service. Thanks for asking for public feedback. My first comment is that the LRT track terminal location needs to be finalized at or before determining the best location for more bus bays. LRT rail tracks have limitations on turning radius, elevation change, overhead power lines etc which presents more challenges than siting bus bays. Best to do the difficult planning first.	Five years ago I was not in favor of the LRT coming up Main street north of Steeles. I have changed my mind. This is how I recommend laying tracks north of Elgin. Make the LRT tracks flush with street level (no concrete curbs/barriers) so car, truck & bus traffic can easily share. Note, traffic on Main Street moves quickly, as there are no retail shops and no street parking requirements. LRT tracks should turn west at Wellington and north onto George. The existing parking lot at Elizabeth & Railroad should be the site of both the LRT terminal and the new Bus bays. The parking lot could be	Downtown Brampton is in need of investment in infrastructure. One caller last night suggested housing should be part of the plan. I agree. I also think people will use transit if they have a place to park their cars. And if the place has more ambience than a warehouse. Here is an idea of how the Elizabeth street parking lot could be rebuilt and used: George Street level - LRT terminal Elizabeth Street Level - BUS terminal, waiting lounge, coffee shops etc. Floors 2 - Retail, grocery etc. Floors 3, 4 & 5 - Car parking (paid parking for city revenue stream) Floors 6 & 7 -	Thanks for your interest.

1. Is there anything you feel is missing from the problem and opportunity statement?	2. How do you envision transit services in Downtown Brampton?	3. Which objectives in the long list evaluation do you believe are the most important?	4. Of the options presented, which one do you prefer? Tell us about it.
	excavated to build the LRT terminal at the George street elevation. The northbound LTR line could swing counterclockwise around the two brick buildings at George and Nelson. The southbound track could then enter onto Nelson at the foot of the street incline, before turning right onto George. The new bus bays could be built above the LRT terminal at the Elizabeth Street elevation. Provide an indoor waiting area for both bus and LRT passengers if you wish to encourage public riders. Especially welcomed by seniors like me.	Community space (e.g. daycare) Floor 8 to 24 - Apartments (private development would pay for floors 6 thru 24)	
I think that pedestrian access and safety needs to be further emphasized. With higher density coming to Railroad St. west of Mill St., and no crosswalk, stop signs, or traffic lights at the Railroad and Mill intersection, anticipated increases in pedestrian traffic should be accounted for. This can already be a dangerous intersections for both pedestrians and vehicles, especially when the gate is	Downtown Brampton should serve as a hub, connecting LRT, GO, BRT, and local bus services, while promoting transit-oriented housing development, and local retail and community destinations, while also acting as a gateway to Toronto and other areas in the region.	-Minimize Travel Time for buses and Passenger transfers -Integrating the transit network in downtown Brampton -Support Transit-oriented communities -Retail opportunities -Distance to nearby bike lanes and sidewalks -Shelter for poor weather conditions	I prefer option 2a, as it minimizes travel and transfer times, while providing a good integrated transit network, while still encouraging some city-building and transit-oriented objectives. Option 3b is also enticing for its higher transit- oriented development potential, access to GO platforms, and lower impacts to the road network. Whichever option is taken, all of these factors should remain in consideration to optimize the transfer network and development opportunities.

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down while trains pass and cars block the entire intersection. This is even more important considering some of the options that cut off Railroad, Nelson, and Elizabeth to cars will funnel even more traffic to Mill St.			
	The bus service should be after every 15 to 20 min in winters and at least after every 30min in summers	If the bus is missed or detoured it's the responsibility of Brampton transit to let know via app or google	Having more bus service will help people especially students

Appendix D – Online Comments Summary with Response

	Comment	Theme	Response
1.	Put more buses for route 5, which regulates from west wood mall terminal. Currently the service is after the interval of 30 minutes, sometimes buses are cancelled than one have to wait for long period for the next bus.	Service Planning/ Route related	Noted with thanks - the project team will pass on the information to transit operations staff for consideration.
2.	Regular bus schedule 29 Williams. I ride the bus 29 everyday from Main St and Williams, I take it at 5:32 am going to work and going home at 3:06 from intermodal stop. Everyday is a struggle in having a seat, it is always delayed and it is super packed from passengers from Intermodal until my stop again at Main St. Hope you can improve the service this is one of the poor service that you offer to us your regular customers. People inside the bus are tired everyday of the situation that we have. Please help us by improving your services. The driver of the bus as well is having difficulty of the people and the situation.	Service Planning/ Route related	Noted with thanks - the project team will pass on the information to transit operations staff for consideration.
3.	There apparently have been 4 business cases undertaken to look at the various alternatives for a new bus terminal. Will the City open these cases to independent third party review to ensure that the best option for Bramptonians is selected? Will Brampton agree to independent third party review of the business cases?	Business Case	As a component of this study, the design alternatives for the Transit Hub are being evaluated through the four components of the Metrolinx's Business Case Process (Strategic Case, Economic Case, Financial Case, and Deliverability and Operability Case). The full Business Case Report is anticipated to be completed later this year, and the report will be shared for public review when available.
4.	Why limit the review of the bus terminal options to decisions about the bus terminal only? Brampton has the opportunity to	Transit Oriented Communities	The design development is being carried out under the planning and policy umbrella of the Brampton Plan, Transportation Masterplan, Downtown Revitalization,

	develop a much more ambitious plan that includes bus transit, parking and housing at a hugely important downtown Brampton transit hub, and this team is focused only on buses. Can we please expand the mandate of this project to a more comprehensive, citybuilding, downtown-supporting project?	Development	Riverwalk and the Brampton GO MTSA. While the mandate of this project is to design a bus terminal, as such the design will consider the overall planning context including alignment with potential future transit oriented communities development.
5.	Metrolinx built an asphalt surface parking lot on Railroad and Elizabeth Streets on a property that is designated in the Brampton Official Plan for mixed uses that include residential and commercial uses. Basically, Metrolinx could have built anything here other than industrial uses. And Brampton thinks it's okay to build an asphalt surface parking lot. Is this the highest and best use for a major property right next to an important transit hub in our downtown? Not a chance. Show some backbone. Think bigger. Work together and do what's best for Brampton's Downtown. Why isn't there housing right next to a major transit hub in Brampton?	Transit Oriented Communities Development	The planning and design for the Transit Hub (bus terminal) is being carried forward considering that the bus terminal could be implemented as part of mixed-use development, and also as a standalone structure that aligns with development of the surrounding lands. The project team is cognizant of the development potential of the lands around Brampton GO and engaging with City's planning and economic development staff as key stakeholders.
6.	Is the best we can come up with is a transit facility that moves people out of Brampton with no proposal to increase housing around that same transit facility? We have the ability to meet housing targets within existing urban boundaries, and building housing around Brampton GO would do more to support Brampton Downtown and maintain the Greenbelt than building parking lots and relocating bus terminals. Can we ask you to do better?	Transit Oriented Communities Development	See Response to Comment #5, above.

12 2 6	n the maps shown in the presentation on the evening of November 22, Main Street was abelled as Hurontario Street and Vivians ane was shown as California Street. Main Street has been Main Street since Brampton was known as Buffy's Corners back in the 1800's and California Street was eliminated 20 years ago. Has any of this project team ever visited downtown Brampton? Do any of these people even know Brampton?	Туро	The old street names were inadvertently carried forward with the base mapping. The project team apologizes for the typographical inaccuracies and will fix them for future reference. Thank you for pointing them out.
- v p	Received notice of the November 22 meeting on the same day that the meeting took place I had 5 hours advance notice. The meeting was limited to one hour. There were only 40 participants on the meeting. Three questions: I. was the notice of meeting delayed to limit he number of participants? 2. since when	Meeting notice/ logistics	The project team's intent was to have the hard copy notices delivered a week in advance of the event through Canada Post. The Project team has made note of the receipt of the notices on the same day of the event, and will take steps to ensure the delivery is done with sufficient advance time for the next PIC.
a E	does a public meeting have a time limit? 3. are 40 people really enough to provide an accurate barometer of how people in Brampton feel about this if they (like me) all received the notice on the same day as the meeting?		In addition to the hard copy mail out, the PIC notices were canvassed through a number of communication channels including local news media, social media, ethnic media, and City's messaging portals.
			The number of attendees is generally consistent with turnout at first public information center for infrastructure planning projects. There are a number of avenues for providing input and comments, including phone call to the City, and emails. The project has a dedicated web page with the contact information.
			https://www.brampton.ca/EN/residents/transit/Projects- Initiatives/Pages/Downtown-Brampton-Transit-Hub.aspx

Appendix E – Questions and Answers

1. Is there an issue with the current grade of land which slopes down from Elizabeth George? This option looks like it would be more expensive than others, has that been factored into the weighting?

It is a concern that will be addressed as we develop the shortlisted options, although we have done some preliminary tests. Ultimately, in order to conform to accessibility requirements, there is a minimum grade that the platforms must be. If this option is pursued, some regrading would need to be done to ensure that the roadway conforms to the accessibility requirements. We have considered the regrading in the ranking; however we do not have a dollar value cost estimate at this point in the study.

2. Why is transit usability not being considered at a higher rating in comparison to just development potential?

In the detailed evaluation, we outline the passenger connectivity between all the various modes of transportation. This includes measurements of walking distances as well as commentary on the challenges with grade changes (e.g. stairs, ramps, etc). We are committed to taking the passenger experience very seriously and it is represented thoroughly in the evaluation. The type of feedback that will aid us in this study is a better understanding of what the communities priorities are and applying those to the evaluation criteria.

3. Where will the LRT connect?

For the surface LRT alignment, the LRT will come inbound from the north side of the track, turning in from Main Street on the Brampton GO station property. For the tunnel alignment, the station will be located directly under Main Street south of the CN Rail overpass, and the headhouse will be located at the 8 Nelson site. Both options are considered into the design of the work being done for the transit hub study.

4. In terms of the two preferred LRT alignments being advanced, will they have any impact on the transit hub design options?

It will depend on the selection of the final location for the transit hub and the LRT alignment advanced. If the transit hub is on the south side and the LRT surface alignment is advanced, the two will still be connected, although they will not blend into each other. Similarly, if the LRT tunnel alignment is advanced and the transit hub is on the north side, then the two will be connected but blended into each other. Also, if the LRT tunnel alignment is advanced and the transit hub is on the south side, the two will be connected and possibly blended together. We have provided pros and cons for each of the options in a table, along with incompatibilities of options with LRT, which can be referenced for further information.

5. Are you looking at bus lanes along Main Street to help bring busses to the terminal? Not at this time. The expectation here is that the LRT will be the predominant mode for people coming up Main Street. 6. When will we have a final decision and construction schedule for the LRT extension to downtown Brampton GO?

In the spring of 2023, we had a report go to council which directed staff to do some additional advocacy work at the federal and provincial level for funding and consult with Metrolinx on the project. Staff are still working on this and expect to go back to council with recommendations soon but cannot offer definitive timelines at the moment.

7. Are you considering accommodating the deliveries that need to be made? Working for a company who delivers to 8 Nelson Street often, there is currently nowhere to pull over my vehicle without being in a bus area.

For the 8 Nelson site, this will really depend on how the site is redeveloped and when. When we are developing the functional design, we will consider delivery options at that time.

8. For option 2C, would it be possible to have a tunnel underneath the bus terminal, connecting to the GO station tunnel for better bus and rail access? For the integrated overhead development option for 2C, would that go on top of the white island where all the busses have their platforms?

Yes, it is feasible to have a pedestrian crossing underneath the bus terminal and it is something we will explore as get into the detailed review, should this option be selected to proceed. For the overhead development, there is flexibility in where it can be placed, provided the location has the structural function and integrity to host such a development.

9. Is there an option 3C where the southside bus bays are between George Street and Elizabeth Street on Railroad Street? This will shorten bus-to-bus transfer time for people transferring between the north and south loop.

The Project Team developed an early option that looked akin to this, but considering the amount of regrading that would have had to be done in order to accommodate a small number of bus bays, made it less appealing as a competitive choice.