



Flower City



brampton.ca

CITY OF BRAMPTON'S TRANSPORTATION MASTER PLAN UPDATE

PUBLIC INFORMATION CENTRE | APRIL 23, 2014



THE TRANSPORTATION MASTER PLAN SCHEDULE

How is the Update being Developed?



Project Milestone

- Notice of Study Commencement** – October 3, 2013
- First Round of Consultation** – October 3, 2013 through December 31, 2013
- Second Round of Consultation** – April 23, 2014 through June 24, 2014
- Draft TMP Update Report to Council** – Fall 2014

Environmental Assessment Process

The Municipal Class Environmental Assessment (October 2000 amended in 2007 & 2011), provides a process in accordance with the EA Act for municipal infrastructure projects. Master plans, such as this Integrated Transportation Master Plan, are required to complete Phases 1 and 2 of the five phases of the Municipal EA process. These required phases include:

- **Phase 1** – Identify the problem (deficiency) or opportunity; and
- **Phase 2** – Identify alternative solutions to address the problem or opportunity by considering the existing environment and establishing the preferred solution.

The Brampton TMP Update conforms to these requirements.

WHAT IS A TMP?

WHAT IS A TRANSPORTATION MASTER PLAN (TMP)?

What it is...

Long Range Plan that Integrates Infrastructure Requirements for Existing and Future Land Uses

Addresses All Modes of Transportation to the Year 2041

Living Document that will be Updated Periodically

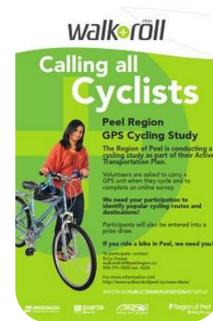
Aligns with City's Strategic Plan & other Planning Initiatives

What it is not...

Detailed Design for Transportation Improvements

Authorization to Construct Major Transportation Improvements

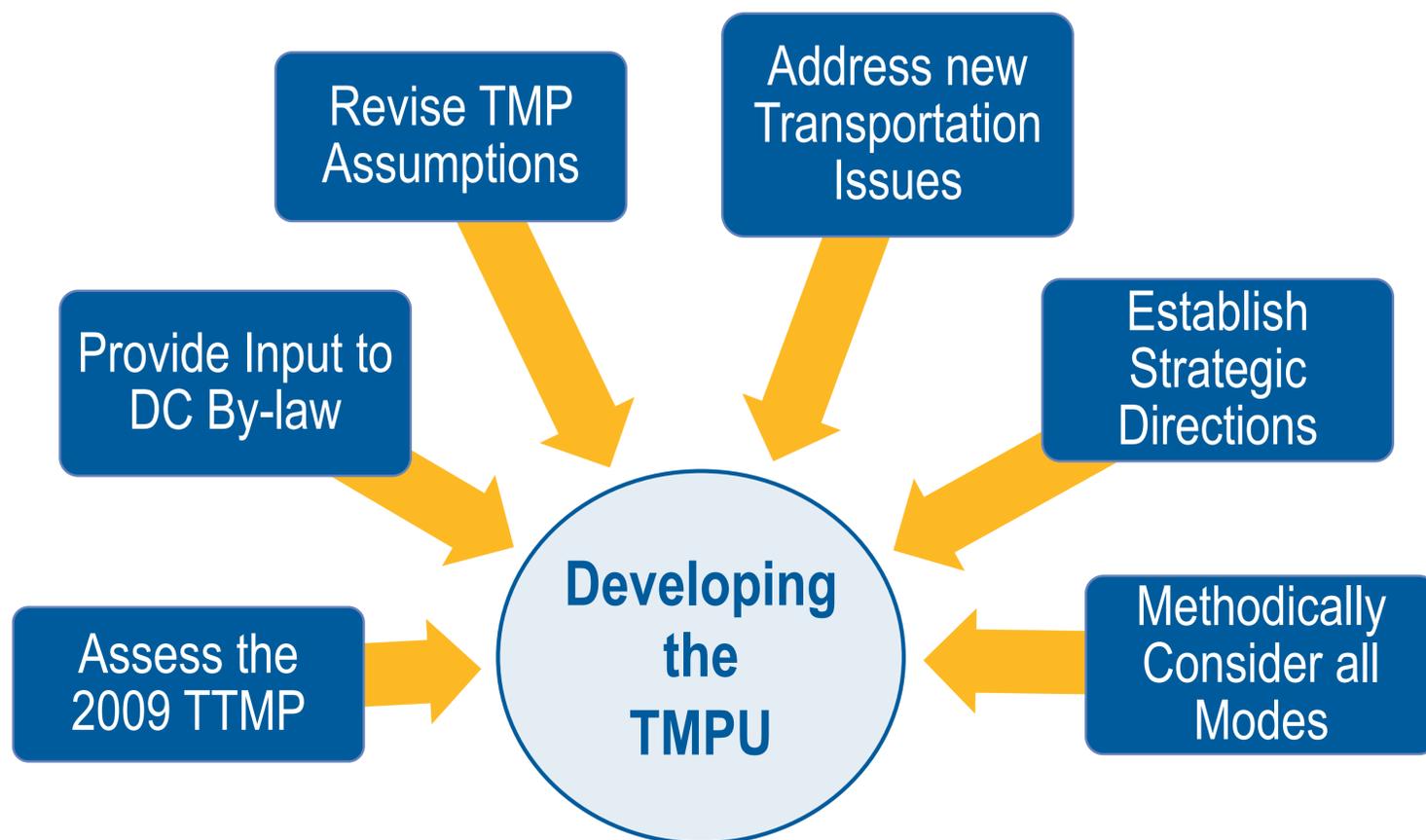
Study for Local Issues Such as Pot Holes or Individual Intersections



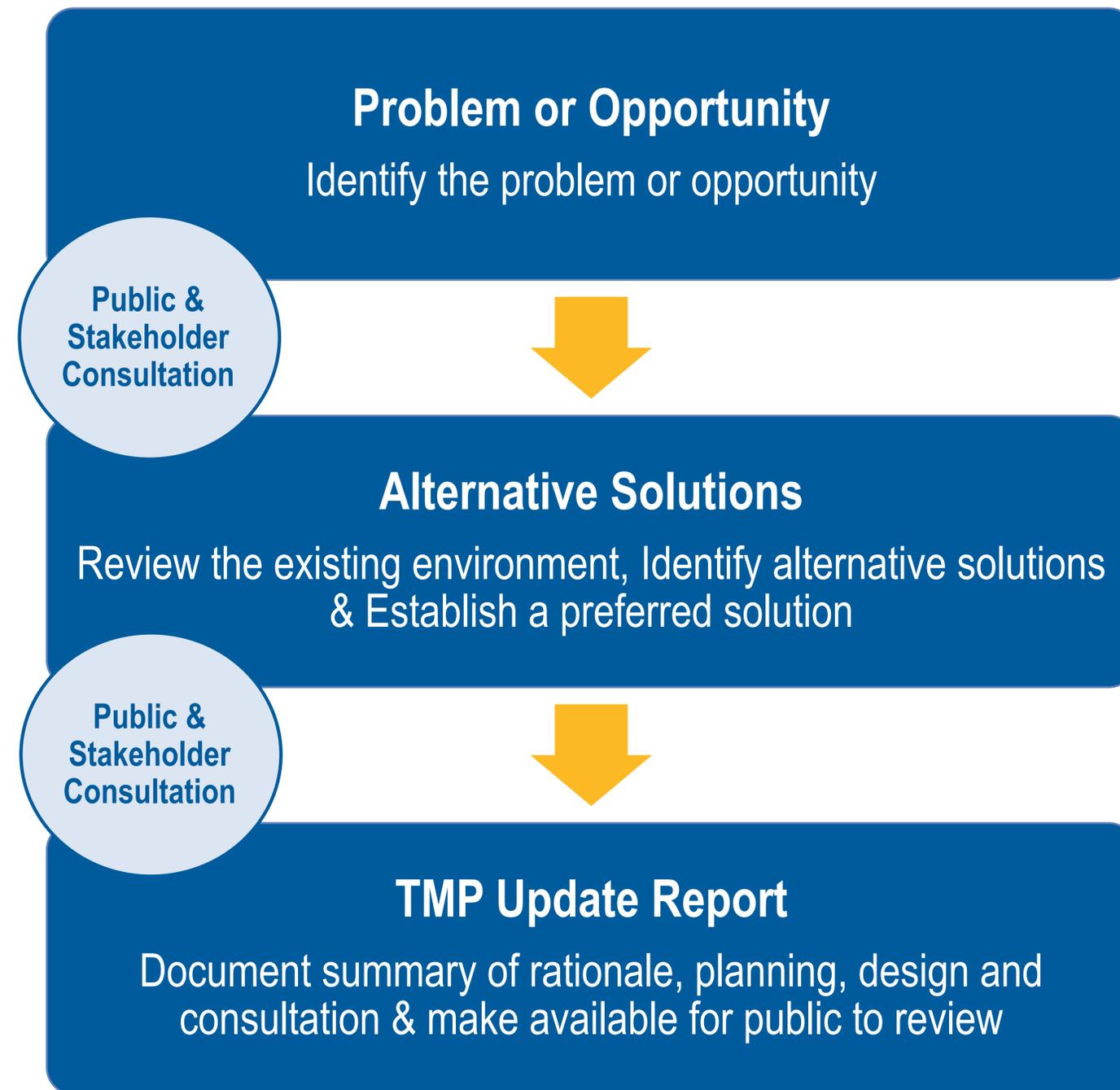
STUDY PROCESS

STUDY PURPOSE AND PROCESS

What are the Study Objectives?



Following the EA Process...



SUPPORTING OTHER PLANS

SUPPORT FROM OTHER PLANS & INITIATIVES



Strategic Plan

Vision, Goals, Principles



THRIVING



GROWING



SERVING



PRESERVING



ENGAGING

Official Plan

Guides development and infrastructure decisions consistent with the vision of the Strategic Plan

Master Plans,
Strategies, Studies

Short and long term plans

Service Plans

Guides activities and resources to achieve Strategic Plan

Budget and Annual Progress Report

TMP Update fits here



Provincial Plans

- Queen Street Rapid Transit
- Steeles Avenue Rapid Transit
- Two-way all-day GO Rail service on Kitchener GO Line
- Hurontario—Main LRT
- Highway and Corridor improvements
 - GTA West Corridor
 - Highway 427 Extension
 - Highway 407 Transitway

Peel Region Plans

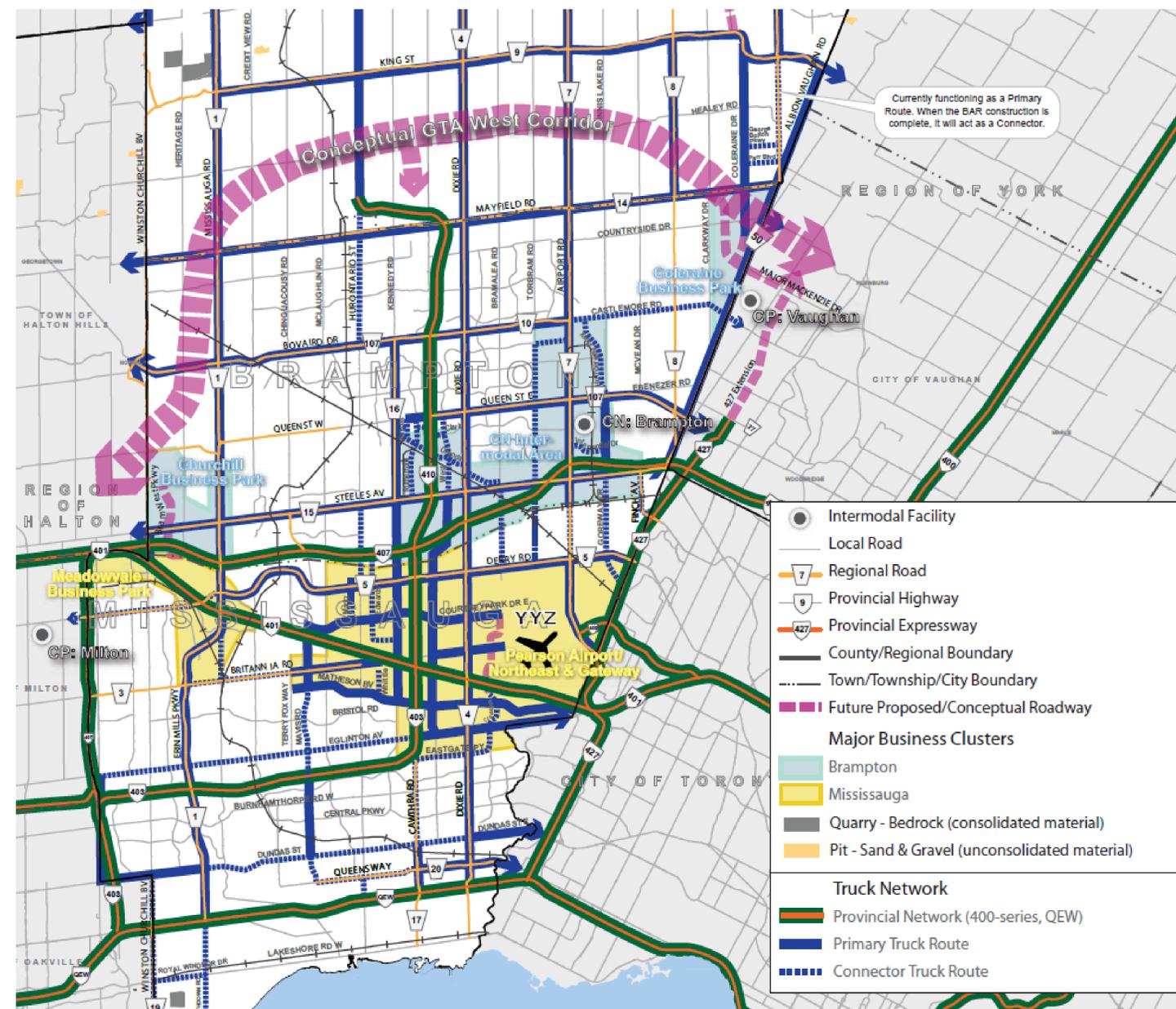
- Long Range Transportation Plan Update 2012
- Goods Movement Task Force
- Strategic Goods Movement Network Study
- Road Characterization
- Active Transportation – Walk & Roll
- Healthy Peel by Design

SUPPORT FROM OTHER PLANS & INITIATIVES

The Big Move

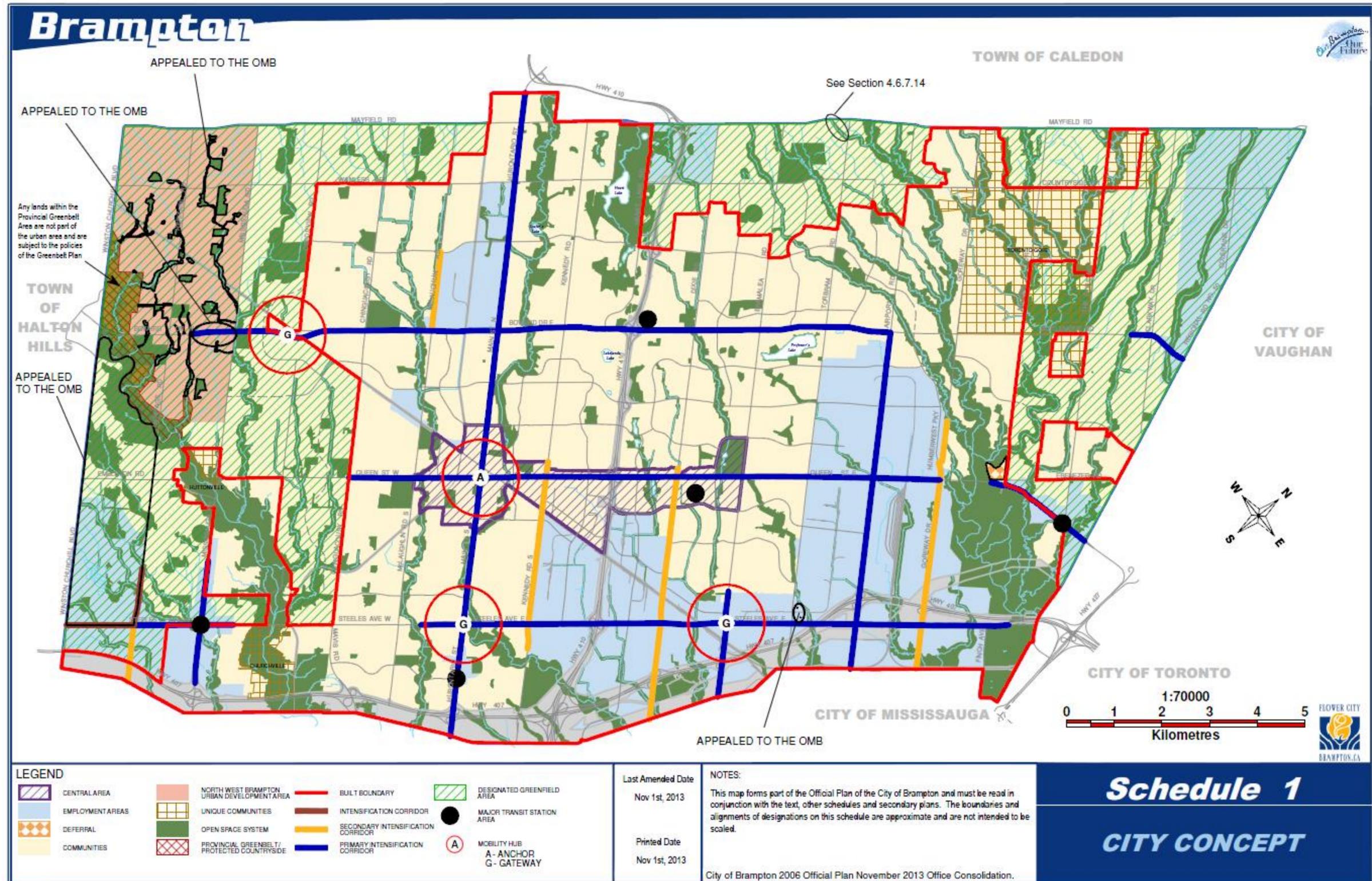


Goods Movement Network



SUPPORTING OTHER PLANS

SUPPORT FROM OTHER PLANS & INITIATIVES



WHAT ARE THE OPPORTUNITIES & CHALLENGES?

What are the Challenges & Opportunities?

Challenges

Opportunities

Balancing Freight Movement & Quality of Life

Cost

Rapid Growth & Increased Congestion

Alternative Mode Implementation

Increased Active Transportation

Strategic Road Investment

Rapid Transit Network Expansion

The Problem & Opportunity Statement

1

Population & Employment Growth



2

Brampton's Important Role in Goods Movement



3

Economic Impact of Traffic



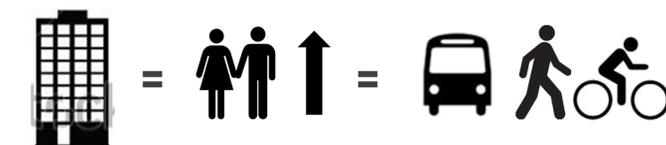
4

Traffic Management



5

Sustainable Urban Growth & Fabric



6

Protection of the Natural Environment



KEY ASSUMPTIONS

KEY MASTER PLAN ASSUMPTIONS

- Brampton Transit operates 6 types of transit routes in the City: (Züm BRT, Base Grid, Express, Local, Community Bus and School Special Routes)
- 49% increase in transit ridership since 2009
- System is connected to surrounding municipal transit networks and GO Transit



Transit

- Active transportation can include walking, cycling, hiking, rollerblading and other human powered activities
- 7 trail links within the City in parks and natural areas
- On-road facilities include infrastructure such as bike lanes, in-boulevard multi-use trails and signed routes



Active Transportation

- Transportation demand related programs can include: emergency ride home programs, ridesharing, carsharing and workplace commuter programs
- Trip reduction program (2011) and Transit Employee Discount for City staff
- Member and supporter of Smart Commute Brampton-Caledon



Transportation Demand Management

- Brampton's road network includes provincial highways, regional roads and local roads
- The road network provides access to logistics and warehouse clusters to accommodate strategic goods movement



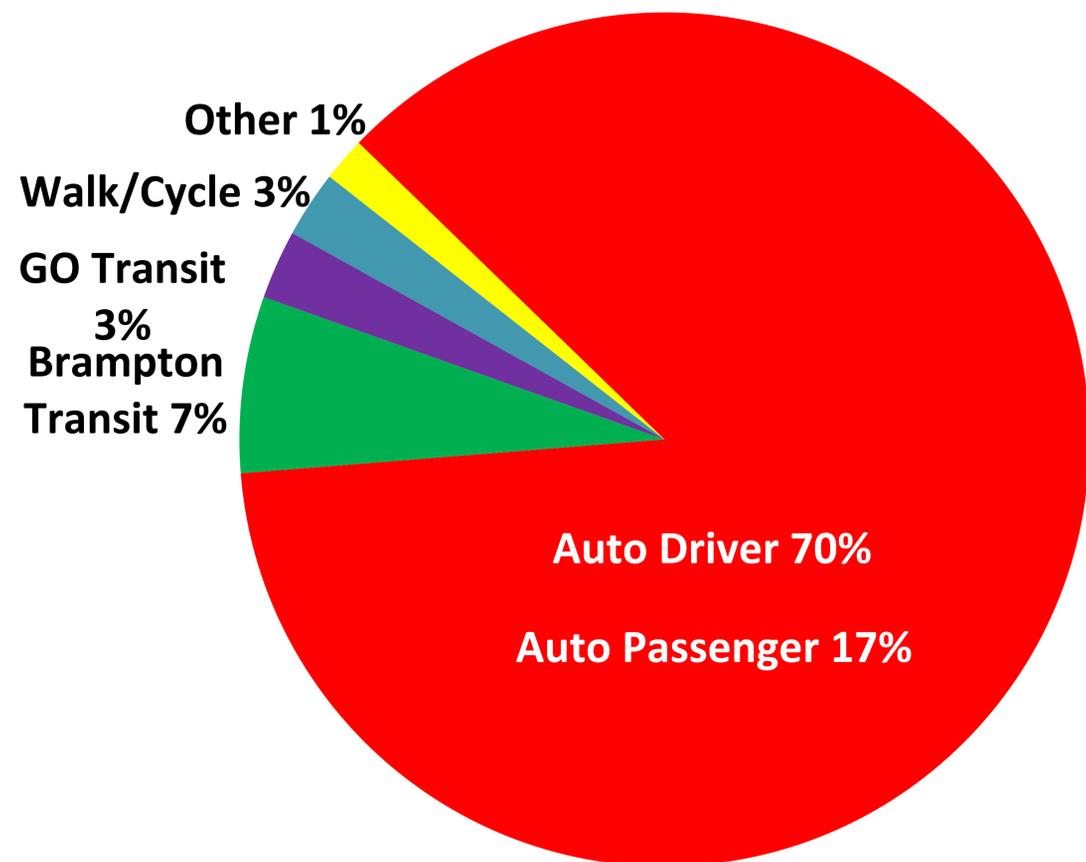
Roads

KEY ASSUMPTIONS

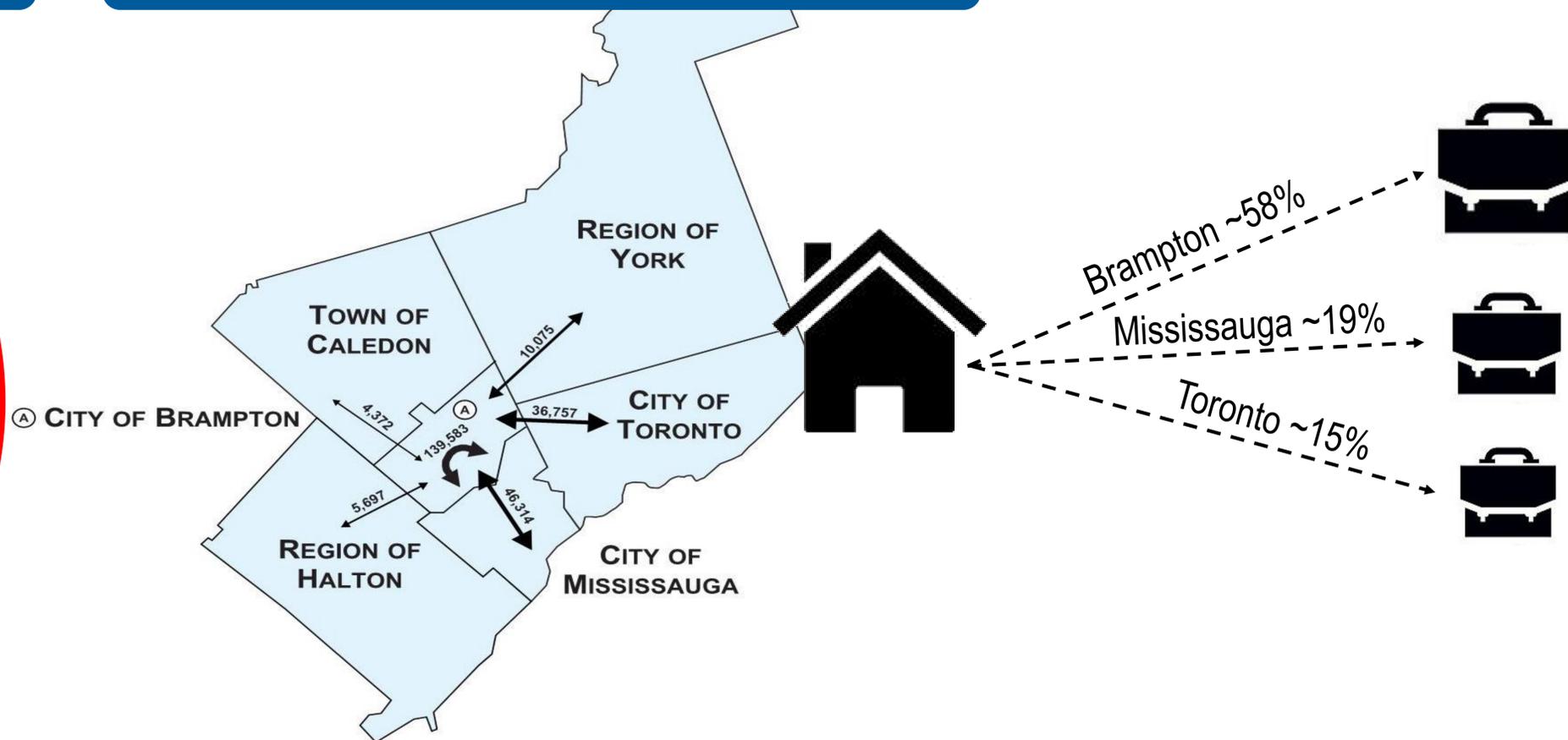
KEY MASTER PLAN ASSUMPTIONS

Data was gathered from the 2011 Transportation Tomorrow Survey (TTS) to highlight P.M. peak period commuter trips in Brampton...

Commuter Trips in 2011



Where are Residents Commuting?



P.M. Peak Period (3:30pm to 6:30pm) Trips Originating or Destined to Brampton

- Most people travel by car (87% of all trips)
- The majority of trips start and end within Brampton
 - Trips within Brampton may be well suited for transit or active transportation

ALTERNATIVE SOLUTIONS

THREE GROUPS OF ALTERNATIVE WERE IDENTIFIED

Do Nothing

1. No further investment in transportation
2. Construct only what is currently funded and then stop all further investment in transportation

2009 TTMP

3. All projects in the 2009 Brampton Transportation and Transit Master Plan (TTMP)
4. Modifications to 2009 TTMP

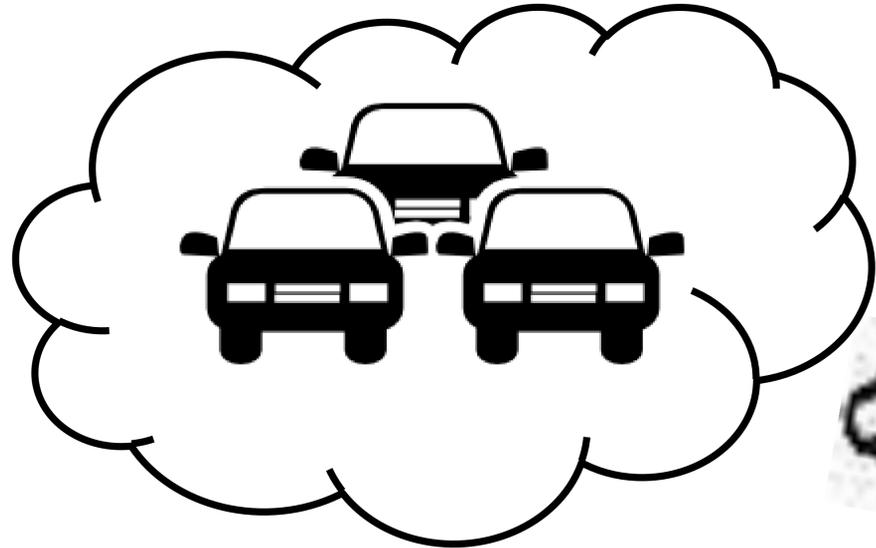
2014 TMP Update

5. 2009 TTMP projects, new projects, and 10 % local transit mode split
6. 2009 TTMP projects, new projects, and 16 % local transit mode split in transit-only lanes
7. 2009 TTMP projects, new projects, and 16% local transit mode split in mixed traffic

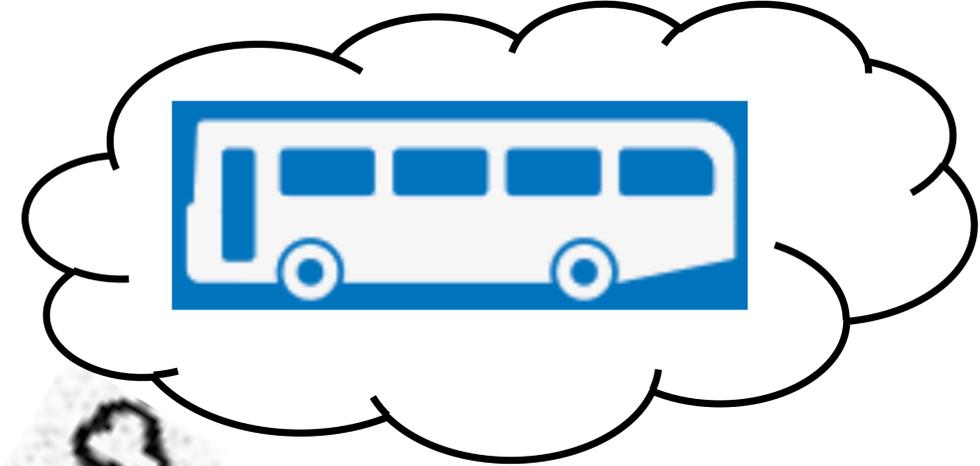
MULTIPLE ACCOUNT EVALUATION

Does the transportation alternative...?

Provide Congestion Relief



Support Transit



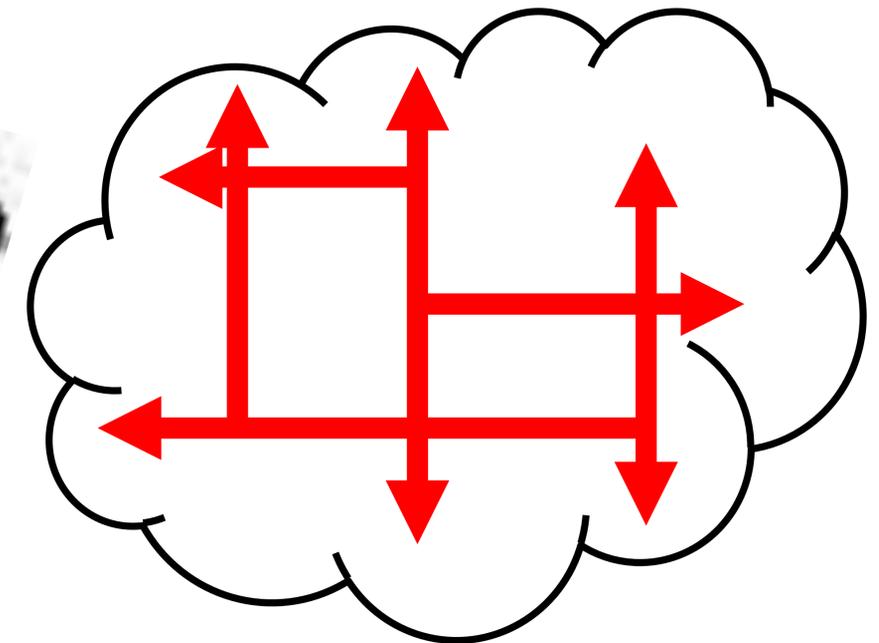
MAE



Limit Environmental Impacts



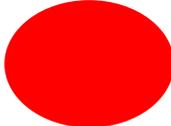
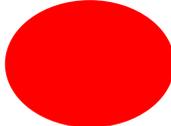
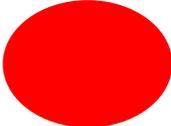
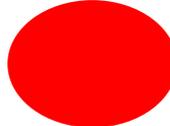
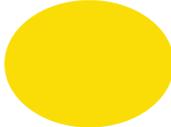
Support Goods Movement



Rationalize the Network

ASSESSMENT

ALTERNATIVES ASSESSMENT

Alternative	Provide Congestion Relief	Support Transit	Rationalize the Network	Support Goods Movement	Limit Environmental Impacts
Do Nothing					
2009 TTMP					
2014 TMP Update					

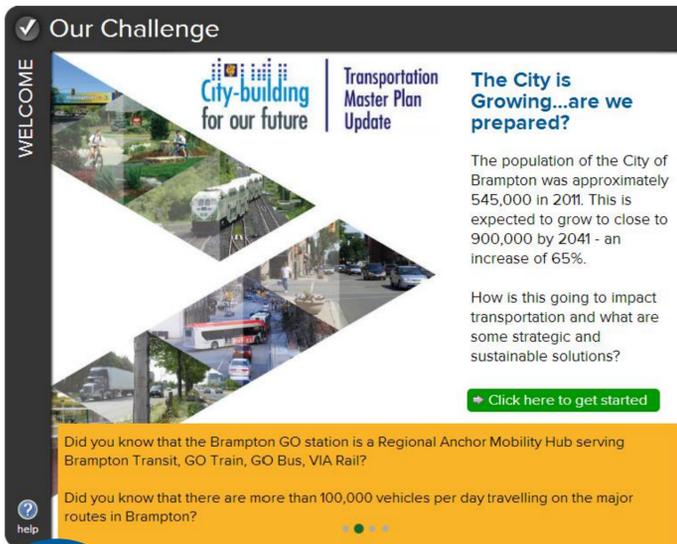
Legend



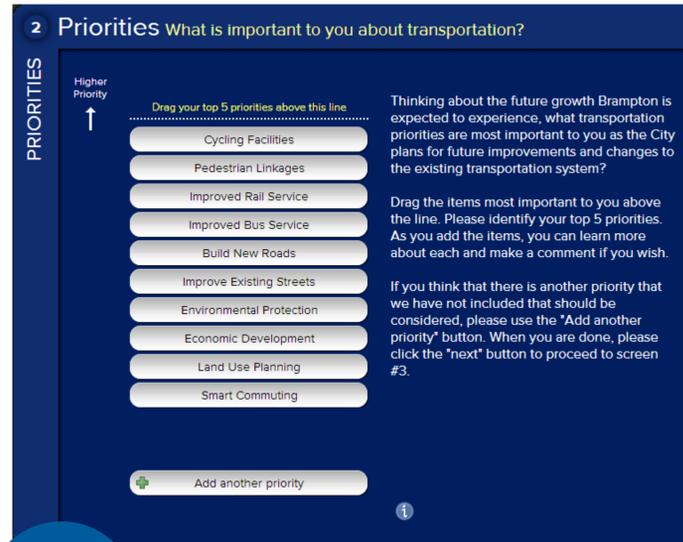
YOUR INPUT

WHAT HAVE WE HEARD?

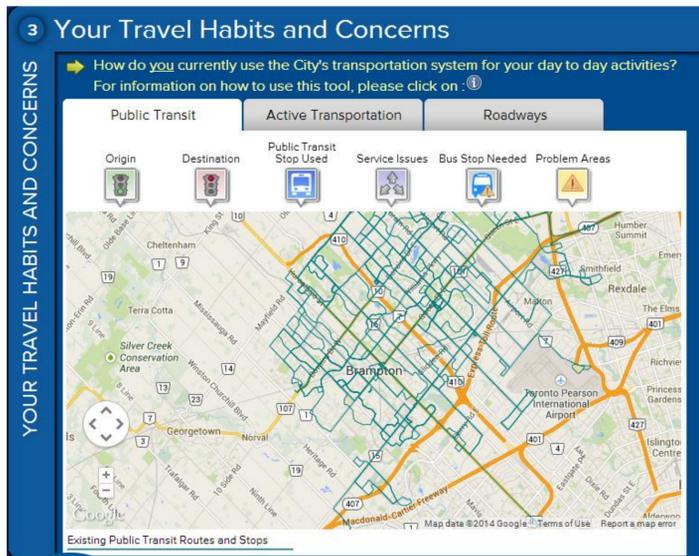
MetroQuest Phase 1 – What did it look like?



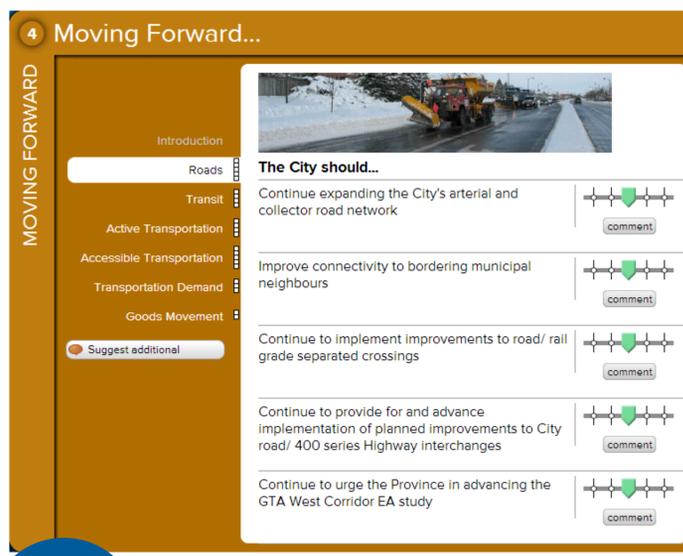
1 Introduction



2 Selecting Priorities



3 Travel Habits



4 Ranking Past Efforts

Key Highlights

Start: October 2013

End: December 2013



1700+ Visitors



400+ Responses



65% Brampton Resident



62% Use Single Occupant Vehicle

Higher Priority

Ranking Priorities

Lower Priority

Improved Rail / Bus Service



Build New / Improve Existing Roads



Economic Development & Environmental Protection



Land Use Planning & Smart Commuting



Pedestrian Linkages



Cycling Facilities



YOUR THOUGHTS

RANKING THE RECOMMENDATIONS

WE WANT YOUR THOUGHTS!! Tell us what you think about the recommendations that have been developed. Do they apply to and your daily activities? Use the ranking from 1 (lowest) – 5 (highest) to indicate your support for the recommendations below.

Active Transportation

Recommendation #1:

Plan for the improvement and expansion of the active transportation network as shown on the Existing and Recommended Future Facilities Map



Recommendation #2:

Ensure connectivity by developing east-west routes, links over provincial highways and direct routes to key connections



Recommendation #3:

Increase pedestrian and cyclist accessibility to existing and proposed transit terminals and stops



Recommendation #4:

Develop active transportation promotion and education programs and track successes using performance indicators



Recommendation #5:

Select suitable facility types for confirmed active transportation routes



Transit

Recommendation #1:

Plan for the improvement and expansion of the public transit network as shown on the Recommended Rapid Transit Map



Recommendation #2:

Provide an exclusive lane for the use of transit / High Occupancy Vehicle (HOV) vehicles when roads designated for Rapid Transit are widened



Recommendation #3:

Increase funding to improve the Rapid Transit Network



Recommendation #4:

Continue public consultation and technical analysis to build support for expanding the Rapid Transit Network



YOUR THOUGHTS

RANKING THE RECOMMENDATIONS

WE WANT YOUR THOUGHTS!! Tell us what you think about the recommendations that have been developed. Do they apply to and your daily activities? Use the ranking from 1 (lowest) – 5 (highest) to indicate your support for the recommendations below.

Roads & Goods Movement

Recommendation #1:

Plan for the improvement of the road network as shown on the Recommended Road Projects Map



Recommendation #2:

Support the construction of a new highway in the GTA west corridor



Recommendation #3:

Study existing and forecast freight activities in the city and establish priorities to support safe and efficient freight movement



Recommendation #4:

Construct infrastructure to maintain the safety of pedestrians, cyclists and transit vehicles along truck routes



Transportation Demand Management (TDM)

Recommendation #1:

Prepare a transportation demand management plan that focuses on expanding the commitment, planning, services and promotion for modes of travel other than the personal automobile



Recommendation #2:

Ensure, as part of the development review and approvals process, that information is provided to communities where sustainable transportation services and infrastructures are being implemented



Recommendation #3:

Develop parking regulations that support TDM programs



Recommendation #4:

Partner with SmartCommute Brampton Caledon and post-secondary institutions to develop additional TDM programs



THANK YOU YOUR INVOLVEMENT IS IMPORTANT

Here's how you can participate in this next round of consultation:

Visit us online at www.brampton.ca/tmp2014
Starting on April 23, 2014 use the interactive Virtual Public Input Hub to provide input anytime, until June 24, 2014.

Next Steps

- Documenting input received
- Tracking Phase 2 public input
- Refining the solutions and identifying the preferred alternatives
- Developing the master plan report and implementation strategy
- Presenting findings to Council

For more information about the City's Transportation Master Plan Update, please email or contact:

MARTA ROIAS, MCIP, RPP
Transportation Project Manager | City of Brampton
2 Wellington Street West, Brampton, ON L6Y 4R2
T: 905.874.2088 | E: tmp@brampton.ca

BRETT SEARS, M.PL., MCIP, RPP
Senior Project Planner | Transportation Planning |
MMM Group Limited
100 Commerce Valley Drive, Thornhill, ON L3T 0A1
T: 905.882.4211 ext 6573 | E: tmp@brampton.ca