

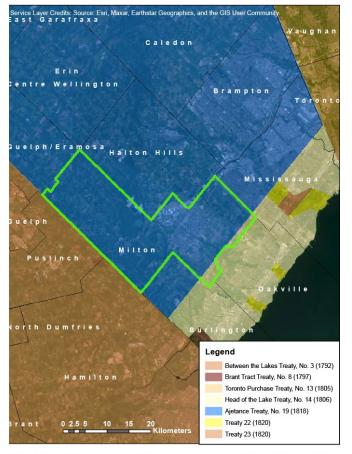
### Town of Milton Transportation Master Plan Update

Public Information Centre #1 June 22, 2023



# Indigenous Land Acknowledgement

We would like to acknowledge that the land we gather on is part of the Treaty Lands and Territory of the Mississaugas of the Credit First Nation. We recognize the traditional territory of the Huron-Wendat and Haudenosaunee people. We also acknowledge the First Nation, Inuit, and Metis people who live on these lands today. We commit to working towards reconciliation.



Municipal Boundaries Related to Treaty Nos. 22 and 23

Source: Provincial Government of Ontario (2022). First Nations and Treaties.

# **Meeting Objectives**

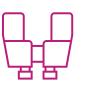
**Existing Conditions and Future Growth Scenarios Provide updates on TMP development process** 2 Present work completed to-date: vision, objectives, performance criteria 3 Identify strategy options to address needs and opportunities 4

5

Gather feedback on the direction of the strategies



# Why Develop an Update to the TMP?



Develop a long-term transportation vision and framework



- Provide a general direction for expansion and improvement
- ÊŞ.
- Investigate and justify additional roads and connections



Examine current and future deficiencies in roadway connectivity



Develop policy framework for new Official Plan



- Assist in the future planning of newly-adopted ROPA 49 Lands
- Assess current policy to ensure8. all transportation needs are met

Inform development charges

9. background studies and impact analyses



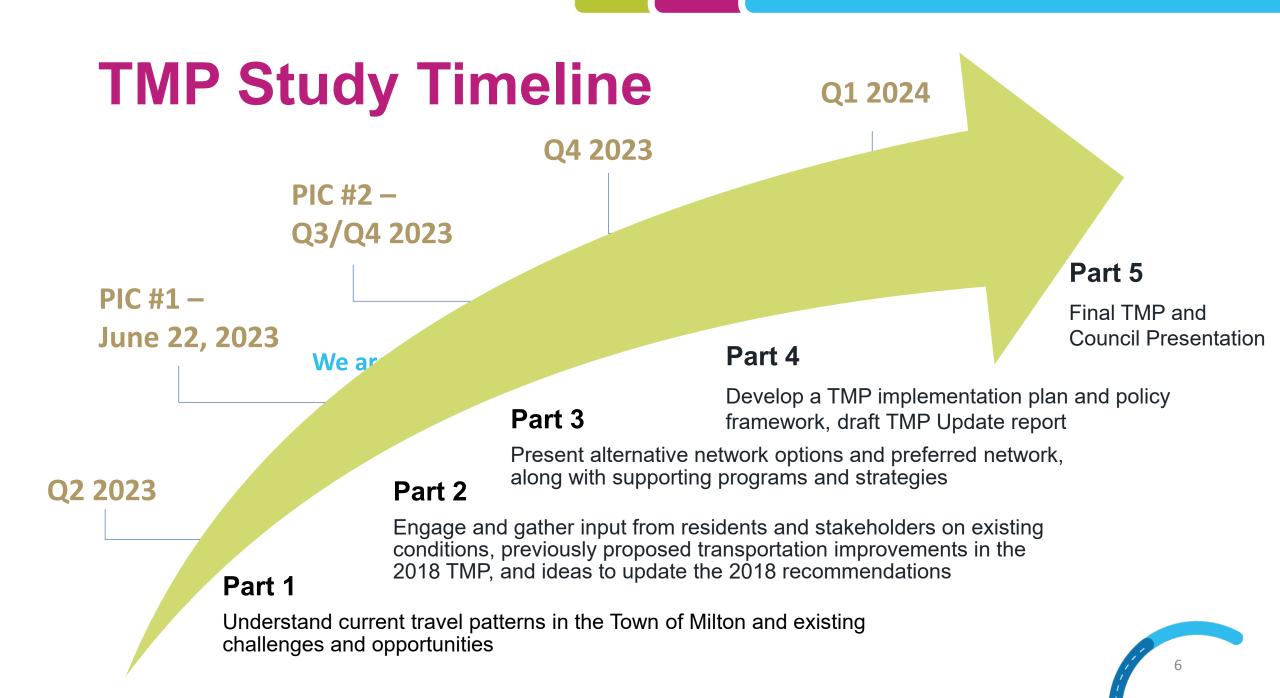
Determine active transportation system needs

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# Regional (Halton Region) – Existing Policy and Guidance Framework

**Transportation** Active Mobility Access Master Plan to 2031 Transportation Management Management (2011) - currently Master Plan (2015) Guidelines (2015) Strategy (2017) being updated

# Local (Town of Milton) – Existing Policy and Guidance Framework



Active Transportation Strategy (2018) Transit Service Review & Transit Master Plan (2019) – currently being updated

Traffic Calming Policy (2023) Transit Oriented Development Study (2006)

Official Plan (2008 & Update Ongoing)

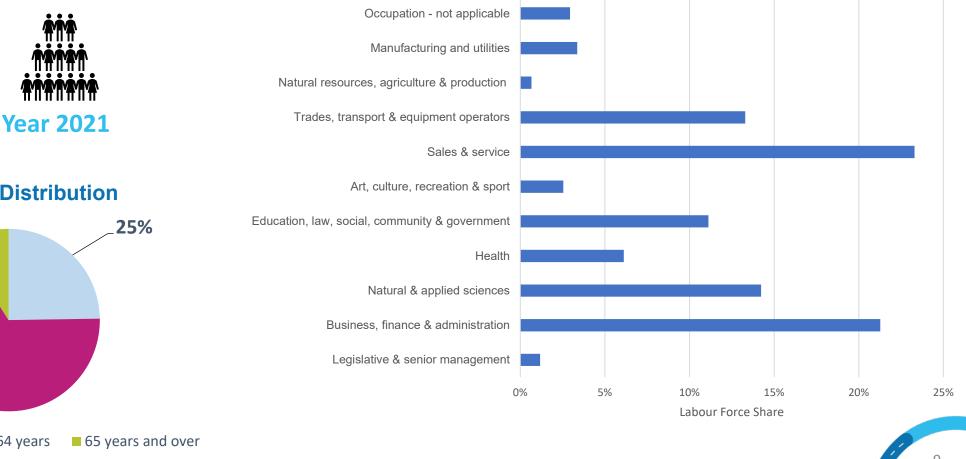
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#### Milton Population (Total)

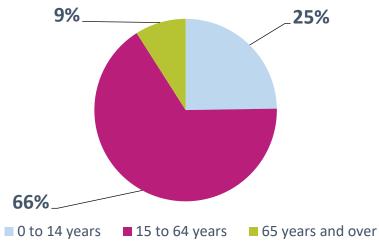
Year 2016

Source: Census Canada (2021)

110,000 133,000 Milton Top Employment Industries Total Employed Labour Force: ~ 66,000



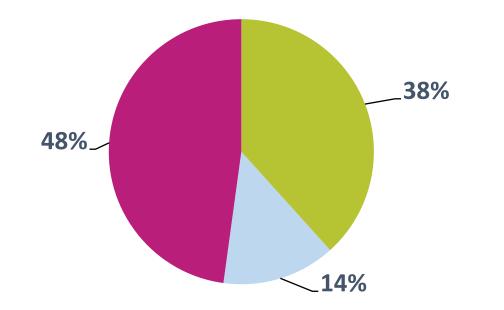
#### Milton Age Group Distribution



Source: Census Canada (2021)

# **Background – Existing Travel Patterns**

#### **Commuting Destination**

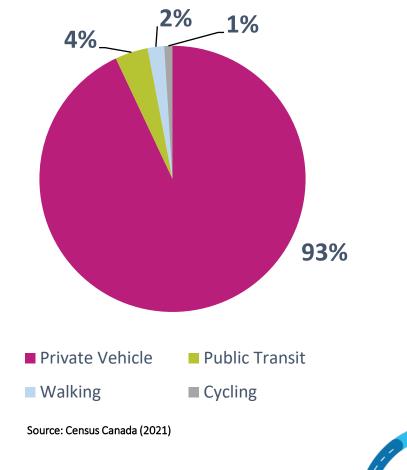


Within Town of Milton

Out of Milton, within Halton Region

Out of Halton Region, within Ontario

#### **Main Mode of Commuting**



Source: Census Canada (2021)

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To provide a multi-modal network that allows users of **all ages and abilities** to **access all modes of transportation**, contributing to a **complete street** community. The success of the Plan will be based on its ability to accentuate the Town's unique urban and rural areas, while accommodating future travel demands as the community continues to grow. Its success will be based on the implementation of achievable and relevant programming looking to the 30 year planning horizon.

#### The vision for Milton's transportation future integrates FOUR key principles:



Accommodate future growth and associated travel demands



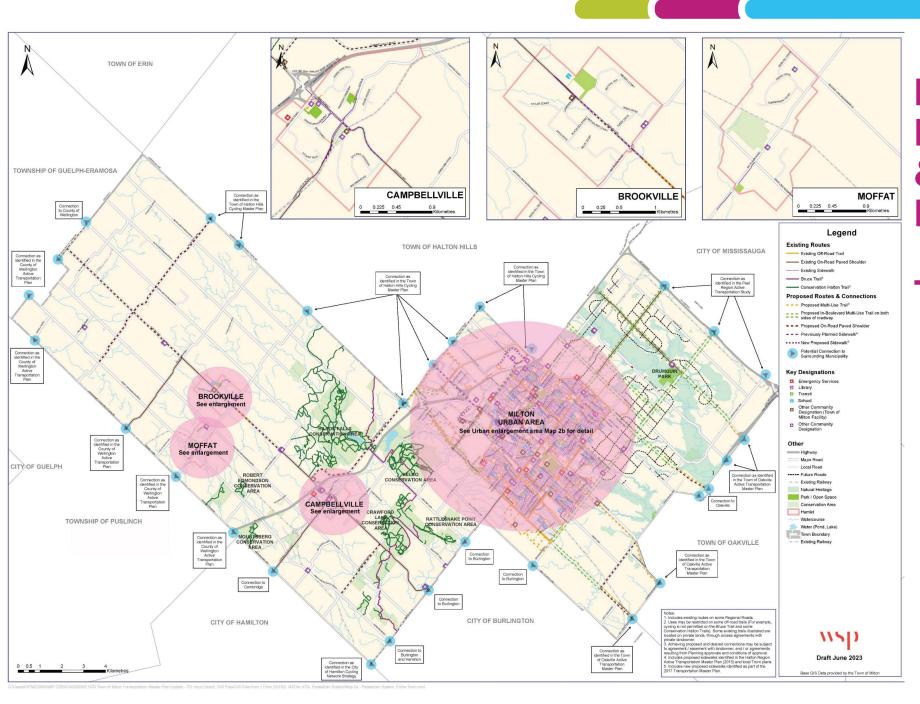
Support mobility for all modes of transportation



Promote equitable and accessible travel for all ages and abilities



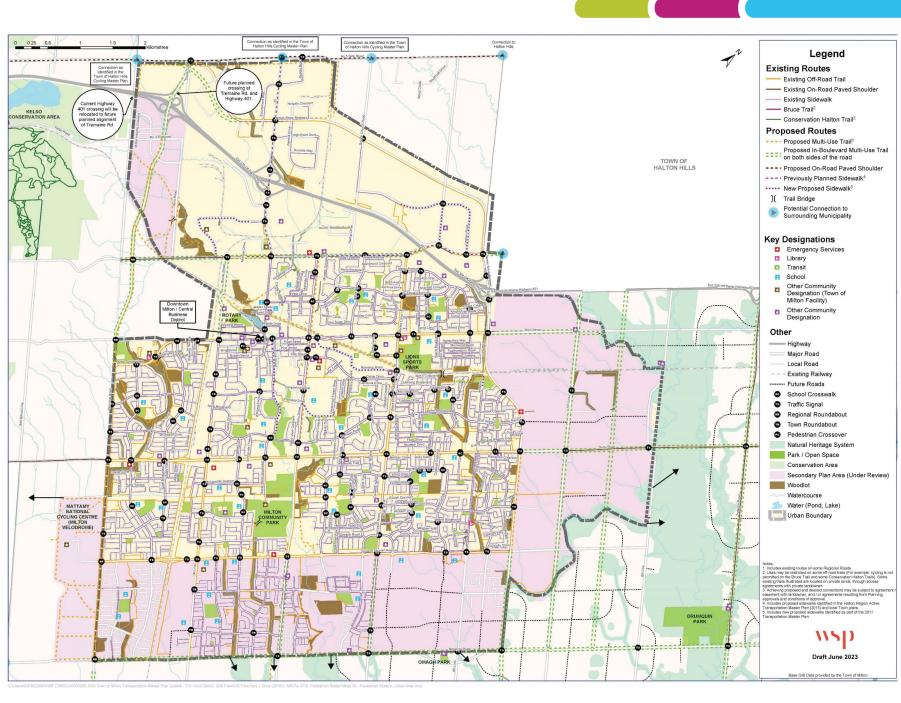
#### **Promote sustainability**



### Pedestrian Network– Existing & 2018 TMP Recommendations

**Town-Wide** 

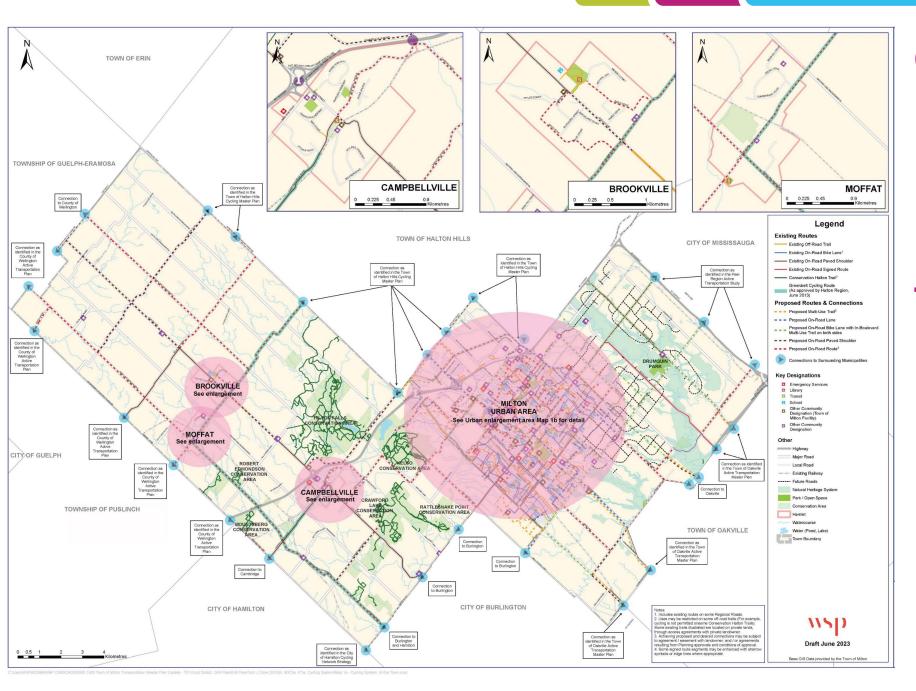
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### Pedestrian Network– Existing & 2018 Proposed Recommendations

### **Milton Urban Area**

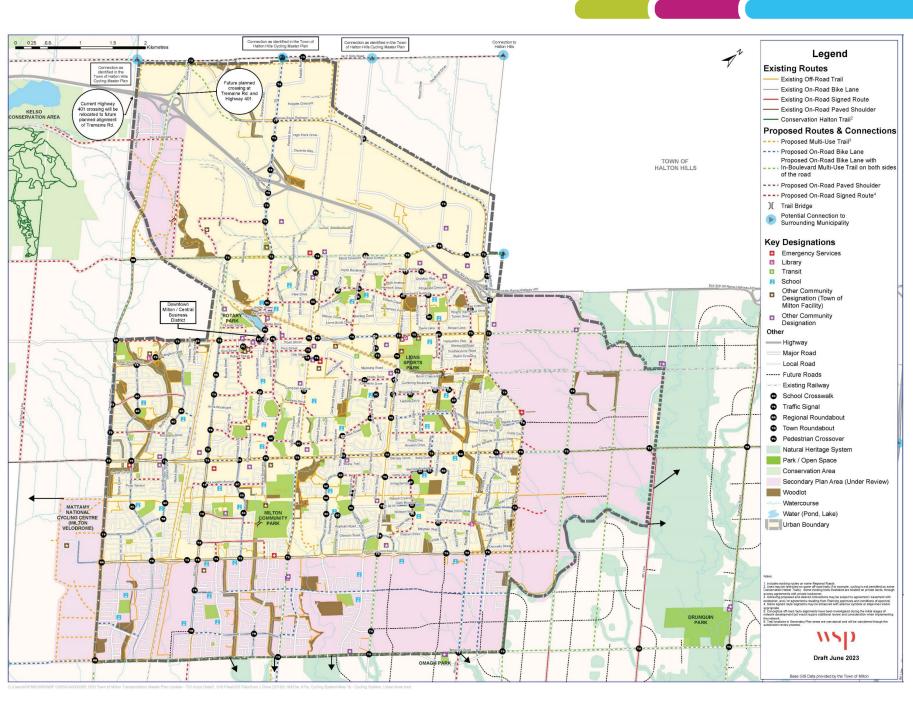
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### Cycling & Multi-Use Network – Existing & 2018 Proposed Recommendations

### **Town-Wide**

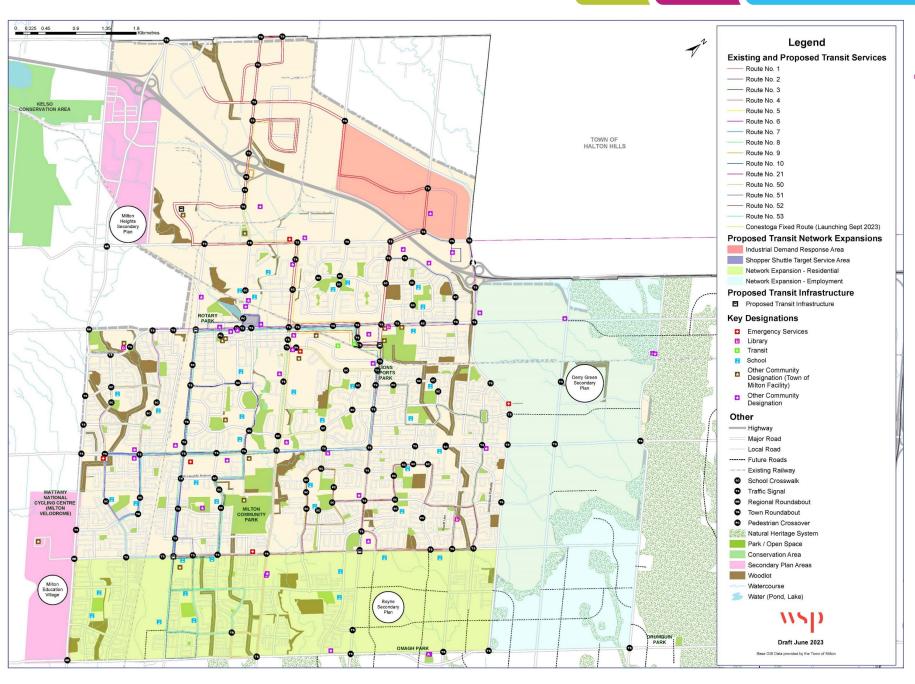
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### Cycling & Multi-Use Network – Existing & 2018 Proposed Recommendations

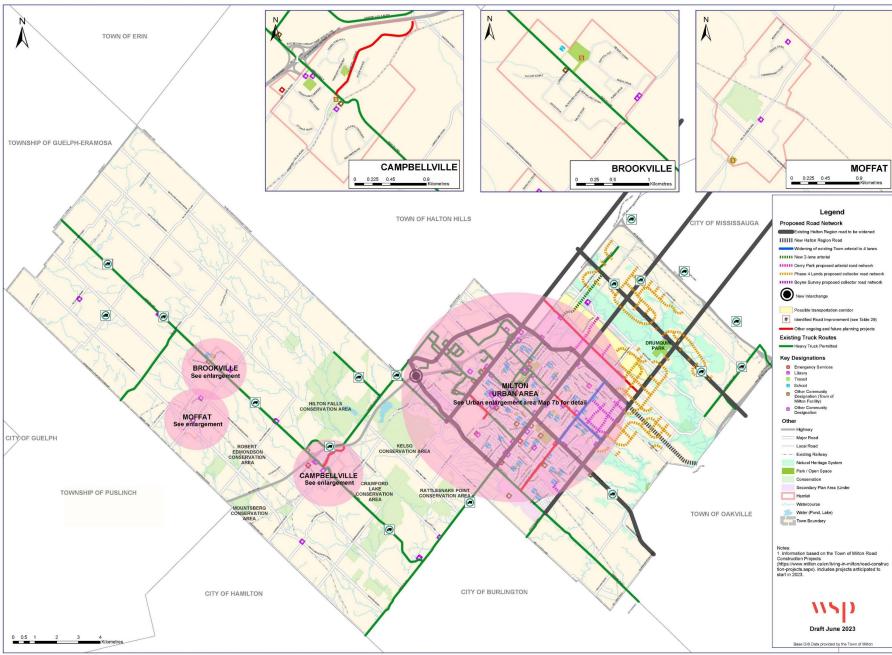
#### Milton Urban Area





### Transit Network – Existing & 2018 Proposed Recommendations

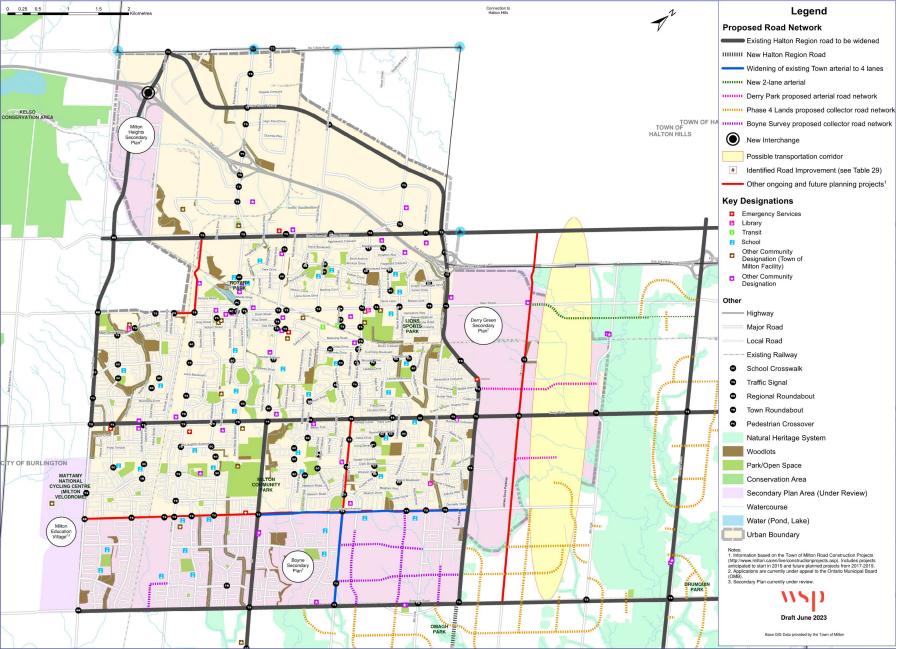




### Road Network – Existing & 2018 Proposed Recommendations

17

isers/NPM02866/WSP 0365/C40000395.1933 Town of Milton Transportation Master Plan Update - T01-Input Data/2. GIS Files/GIS Files from J Drive (2018)/J. MXDIb. Roads/Map 8a - Road Network (Entire Town).mx



### Road Network – Existing & 2018 Proposed Recommendations

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# **Next Steps & Contact Information**

#### Thank you for contributing to the Transportation Master Plan Update!

- **Summarize** and process input received
- 2 Identify alternatives and select preliminary preferred active transportation, transit, and road network recommendations
- **3** Develop supporting transportation strategies
- Prepare draft recommendations including supporting strategies for Public Consultation Round #2 (Fall 2023)

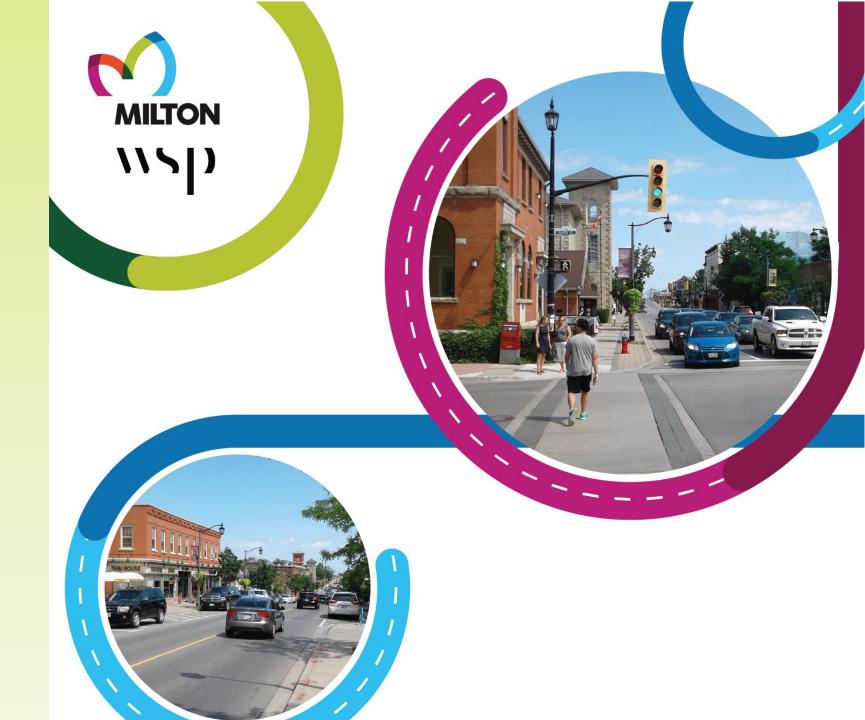
Have more comments? Please visit: Let's Talk Milton (<u>Transportation Master</u> <u>Plan Update | Let's Talk Milton (letstalkmilton.ca)</u>)

Heide Schlegl, C.E.T, MITE, Dipl. M.M. (Town of Milton) E: <u>heide.schlegl@milton.ca</u>

> Brett Sears, MCIP RPP (WSP Canada Inc.) E: <u>brett.sears@wsp.com</u>

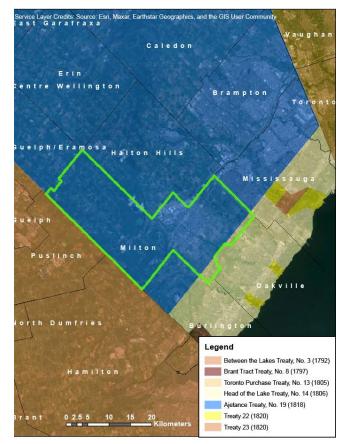
### Town of Milton Transportation Master Plan Update

Rural Communities Consultation April 4, 2024



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Municipal Boundaries Related to Treaty Nos. 22 and 23

Source: Provincial Government of Ontario (2022). First Nations and Treaties

# Why Develop an Update to the TMP?

- ₽₽ 1.
- Develop a long-term transportation vision and framework
- 1
- Provide a general direction for expansion and improvement
  - 3. Investigate and justify additional roads and connections
- 020
- Examine current and future deficiencies in roadway connectivity



Determine active transportation system needs

#### What a TMP is

4.

Long range plan that integrates infrastructure requirements for existing and future land uses

#### What a TMP is Not

Addresses all modes of transportation to the year 2051

Living document that will be updated periodically

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Aligns with Town's Official Plan & other planning initiatives

Detailed design for transportation improvements including site alterations



Authorization to construct major transportation improvements

Study for local issues such as speeding or traffic calming on specific streets

- 6. Develop policy framework for new Official Plan
- 7. Assist in planning urban expansion lands
- Assess current policy to ensure all transportation needs are met
- Inform development charges background studies and impact analyses

# **Meeting Objectives**

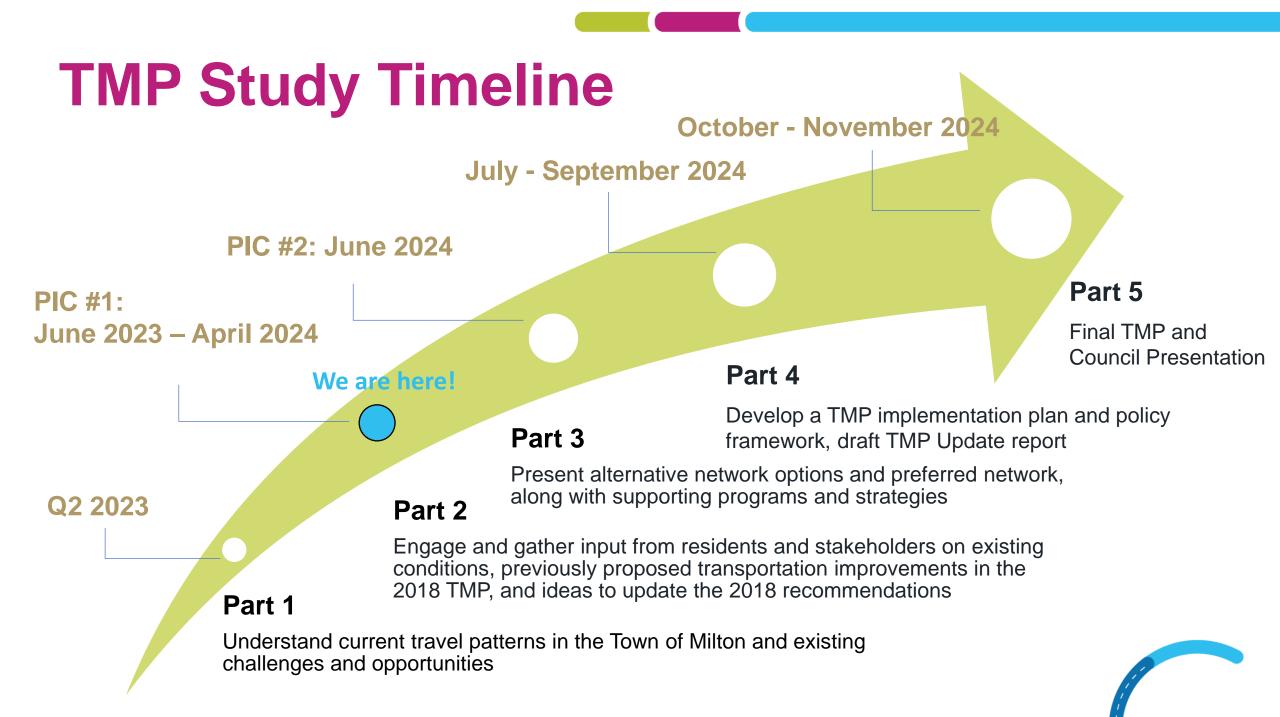
Provide updates on the TMP development process Consider past transportation recommendations and assess if they still meet rural community needs 2 Solicit ideas on how to improve travel in rural communities 3

# **TMP Development Process**

The **Municipal Class Environmental Assessment** (MCEA) **provides a process** in accordance with the EA Act for municipal **infrastructure projects**.

Master plans, such as this Transportation Master Plan Update, are **required to complete Phases 1 and 2** of the five phases of the Municipal Class EA process. The **plan is being completed in accordance** with Approach 1 of the EA Master Planning process and will include:





# Regional (Halton Region) – Existing Policy Framework

**Transportation** Active Mobility Access Master Plan to 2031 **Transportation** Management Management (2011) - currently Master Plan (2015) Guidelines (2015) Strategy (2017) being updated

# Halton Region Integrated Master Plan

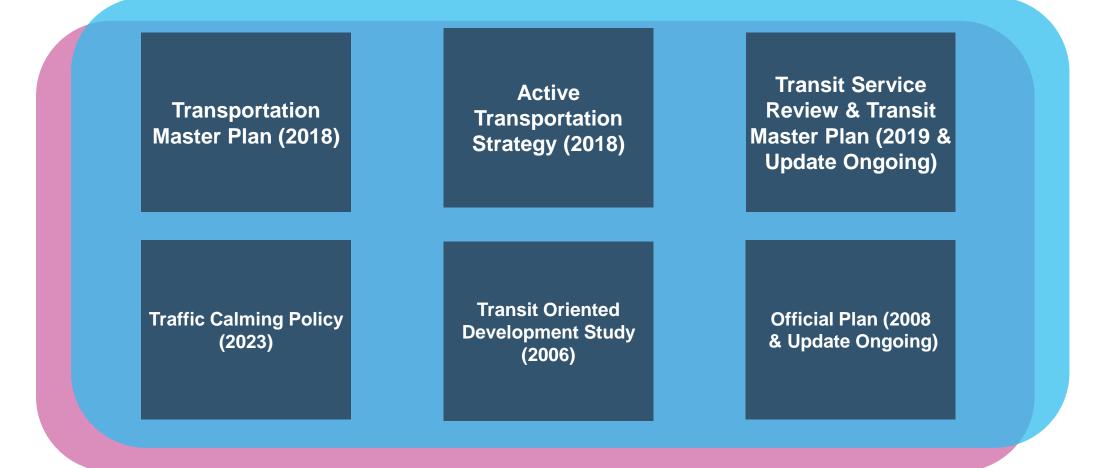
- Halton Region has initiated the Integrated Master Plan (IMP) to complete the next region-wide Water, Wastewater and Multi-Modal Transportation Master Plans.
- The Plan will provide the strategies, policies and tools required to meet the water, wastewater and transportation infrastructure needs of the community now and in the future.
- The Plan focuses on a multi-modal Regional transportation network for all users, including transit, active transportation (e.g., pedestrians and cyclists), cars, farm vehicles and trucks.
- Additional information on the opportunities and considerations, including narrated videos from our first Public Information Centre, is available on the <u>Integrated</u> <u>Master Plan (IMP) webpage on halton.ca</u>.
- The proposed strategies to meet future needs will be presented in Fall 2024.







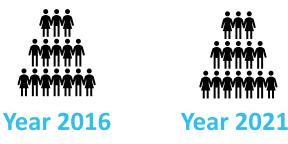
## Local (Town of Milton) – Existing Policy Framework



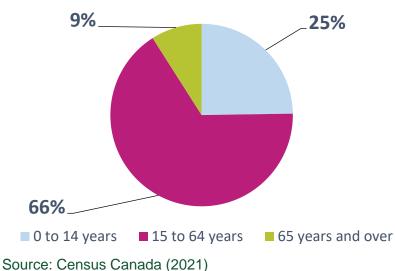
# **Background – Population & Employment**

#### **Milton Population (Total)**

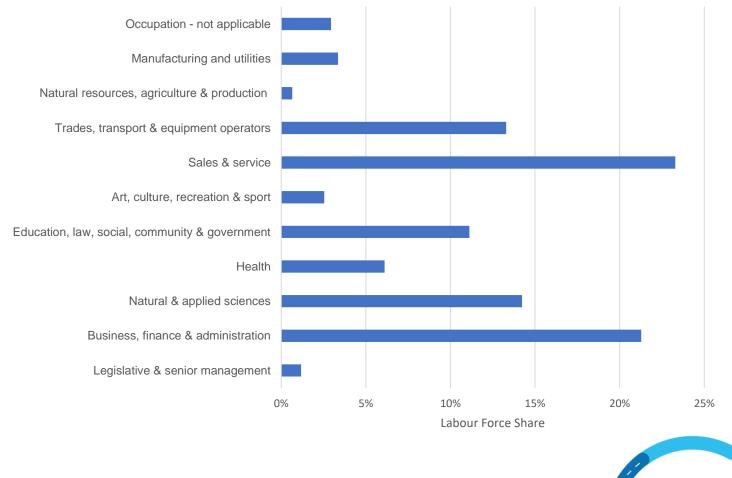
110,000 133,000



#### **Milton Age Group Distribution**



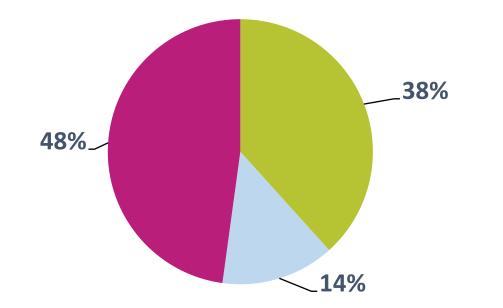
#### Milton Top Employment Industries Total Employed Labour Force: ~ 66,000



Source: Census Canada (2021)

# **Background – Existing Travel Patterns**

#### **Commuting Destination**



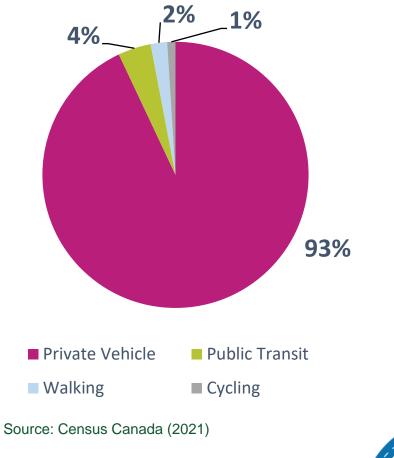
Within Town of Milton

Out of Milton, within Halton Region

Out of Halton Region, within Ontario

Source: Census Canada (2021)

#### **Main Mode of Commuting**





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To provide a multi-modal network that allows users of **all ages and abilities** to **access all modes of transportation**, contributing to a **complete street** community. The success of the Plan will be based on its ability to accentuate the Town's unique urban and rural areas, while accommodating future travel demands as the community continues to grow. Its success will be based on the implementation of achievable and relevant programming looking to the 30 year planning horizon.

The vision for Milton's transportation future integrates FOUR key principles:



Accommodate future growth and associated travel demands



Support mobility for all modes of transportation

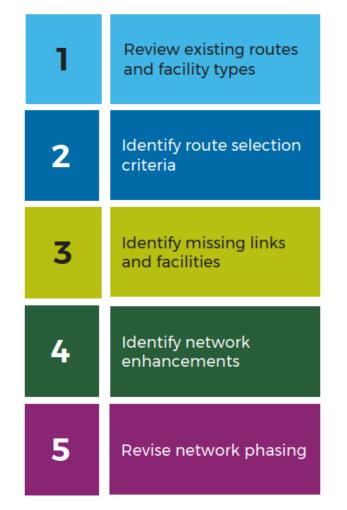




**Promote sustainability** 

### **Active Transportation Strategies**

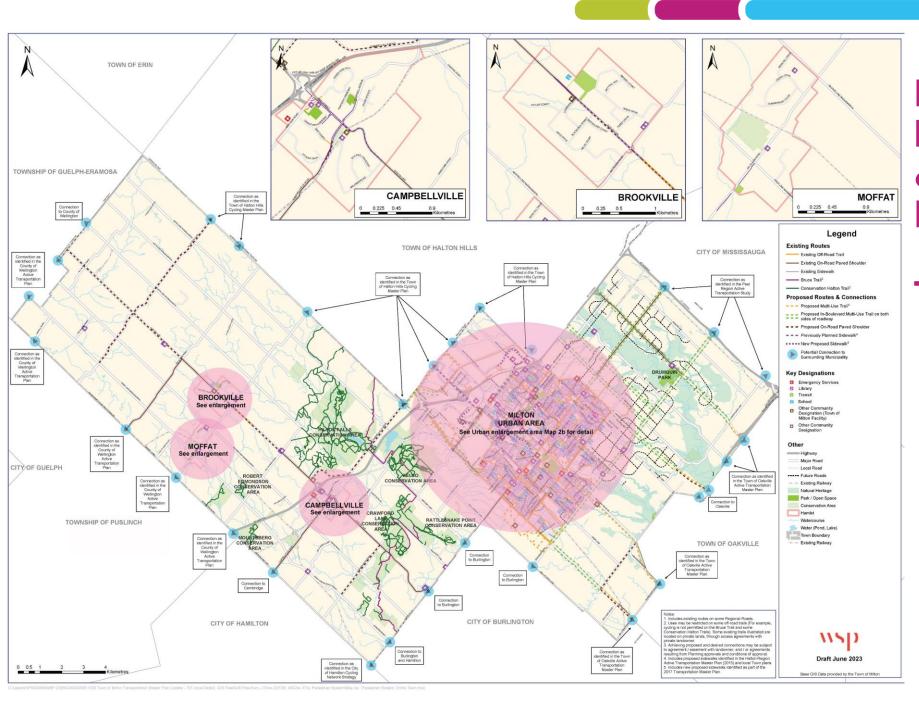
#### **Strategy Development Process**



#### **Objectives**

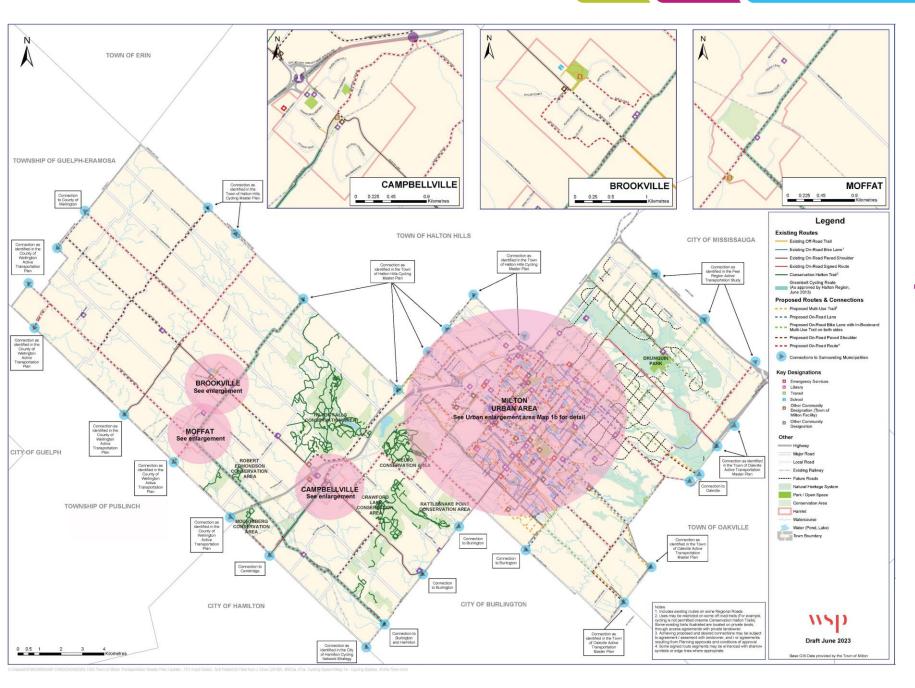
- Engage and respond to local demand and interest, and other stakeholders, to create community-informed recommendations
- Align recommendations with the expected growth, priorities, and developments
- Improve connectivity to existing and proposed active transportation facilities, provide linkages to key destinations, communities, and transit;
- Prioritize safety and accessibility for all users;
- Develop a realistic **implementation strategy** that identifies priorities and estimated capital costs;
- Create an integrated **multi-modal** transportation system that supports the need of a variety of transportation options





### Pedestrian Network– Existing & 2018 TMP Recommendations

**Town-Wide** 



### Cycling & Multi-Use Network – Existing & 2018 Proposed Recommendations

### **Town-Wide**



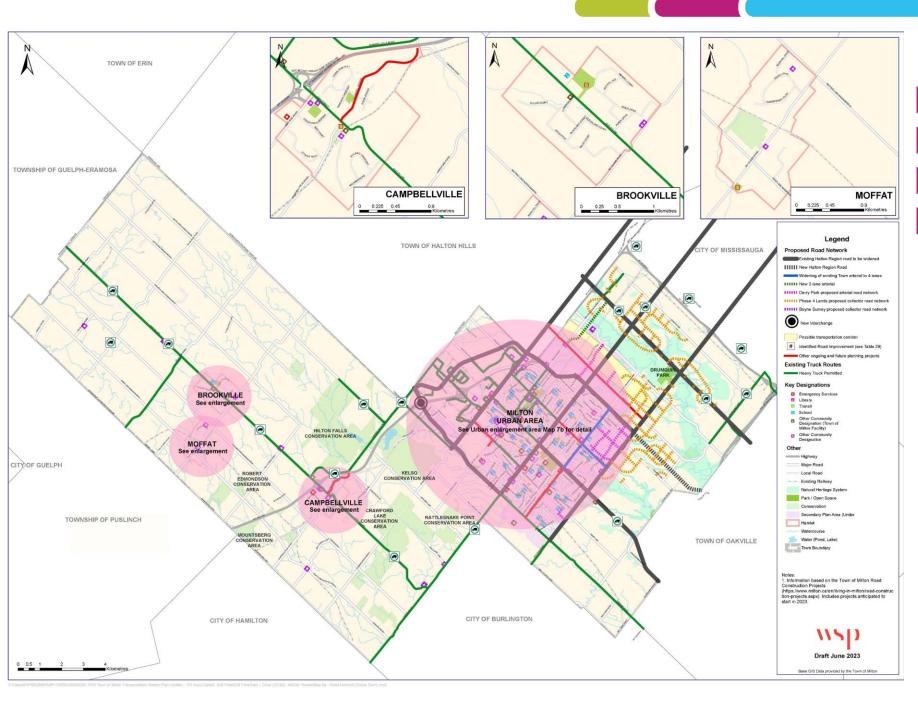
## **Transit in Rural Communities**



The Milton GO Station is located on Main Street at Drew Centre Road. It is the third most heavily used station on the Milton line, due both to the large number of boardings generated in Milton as well as the fact that it is the terminal station on the line, attracting riders from Campbellville and other communities west of Milton.

#### Milton access+

Milton access+	Description
Serves	<ul> <li>Milton's door-to-door shared ride specialized transit service for persons with disabilities.</li> </ul>
Reservation Period (booking trips)	<ul> <li>Weekdays, 8 a.m 7:30 p.m.</li> <li>Saturday, 8 a.m 5:30 p.m.</li> <li>There is no reservation service available on Sundays or statutory holidays.</li> </ul>
Service Hours (execute trips)	<ul> <li>Weekdays, 5:20 a.m 10:11 p.m.</li> <li>Saturday, 7:10 a.m 7:40 p.m.</li> <li>There is no Milton access+ service available on Sundays or statutory holidays.</li> </ul>
Service Area	<ul> <li>Registrants living in the rural area of Milton (including Campbellville, Moffat and Brookville) can book trips destined to the service area, and subsequent trips can be made within the service area.</li> <li>However, return trips to the rural area must be to the registrant's residential address only.</li> <li>Rural-to-rural destined trips are not permitted.</li> </ul>

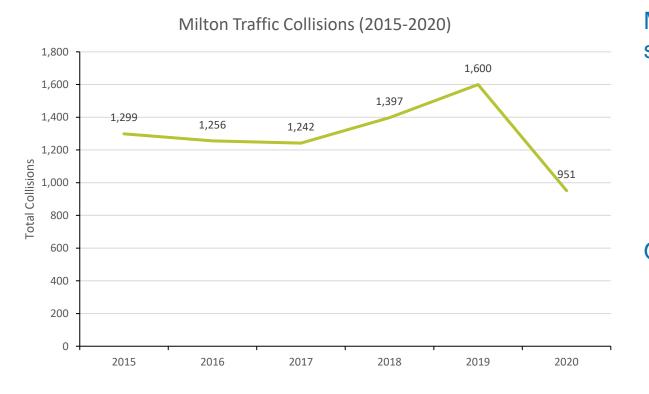


### Road Network – Existing & 2018 Proposed Recommendations

There are three (3) main recommendations that form the goods movement supporting strategy:

- Revise and update the Town truck
   network
- Publish a truck route map
- Implement goods movement supporting policies

# **Traffic Safety Strategies**



Source: Ontario Annual Road Safety Report

Milton is undertaking many actions to improve safety, including:

- Community safety zones
- Traffic calming
- School safety initiatives
- Active transportation infrastructure expansion

### Opportunities exist to explore:

- Adopting road safety strategies
- Setting and publishing collision reduction goals
- Further embedding Milton's proactive identification of safety problem areas in its safety approach

# **Questions and Answers Session**

How would the proposed road improvements in the 2018 plan improve your transportation experience?



How would the proposed walking and cycling improvements in the 2018 plan improve your transportation experience? Which improvements should be prioritized?

Do you think additional improvements are needed beyond those in the 2018 plan for all modes?

Would the proposed truck routes in the 2018 plan help improve your quality of life? If not, how should trucks be routed?

We want to hear from you

Are there any other transportation items of concern? Which of these concerns impact your day-to-day experience the most?

# **Next Steps & Contact Information**

### Thank you for contributing to the Transportation Master Plan Update!

- **Summarize** and process input received
- 2 Identify alternatives and select preliminary preferred active transportation, transit, and road network recommendations
- **3** Develop supporting transportation strategies
  - **Prepare** draft recommendations including supporting strategies for Public Consultation Round #2 (Summer 2024)

Have more comments? Please visit: letstalkmilton.ca

Heide Schlegl, C.E.T, MITE, Dipl. M.M. (Town of Milton) E: <u>heide.schlegl@milton.ca</u>

> Brett Sears, MCIP RPP (WSP Canada Inc.) E: <u>brett.sears@wsp.com</u>

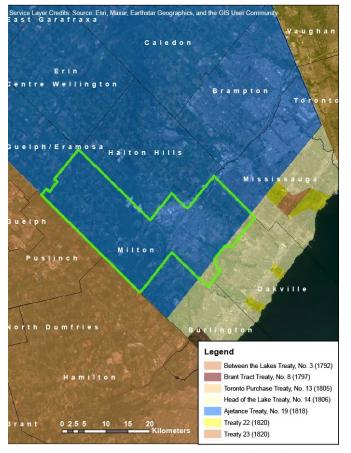
## Town of Milton Transportation Master Plan Update

Public Information Centre #2 June 19, 2024



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Municipal Boundaries Related to Treaty Nos. 22 and 23

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# **Meeting Objectives**

2

3

Present preliminary recommendations for walking, cycling, transit, and roads improvements.

Discuss recommended strategies for walking and cycling, transit, traffic safety, and moving goods.

Gather feedback to finalize and complete the TMP.





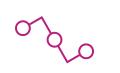
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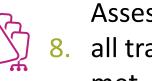
- Provide a general direction for expansion and improvement
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Examine current and future deficiencies in roadway connectivity



- 6. new Official Plan
  - Assist in planning urban expansion lands



Assess current policy to ensure all transportation needs are met

Develop policy framework for

Inform development charges

9. background studies and impact analyses

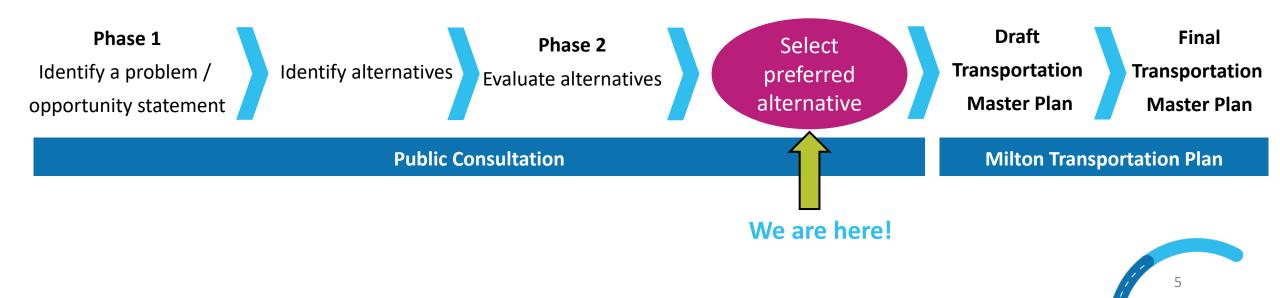


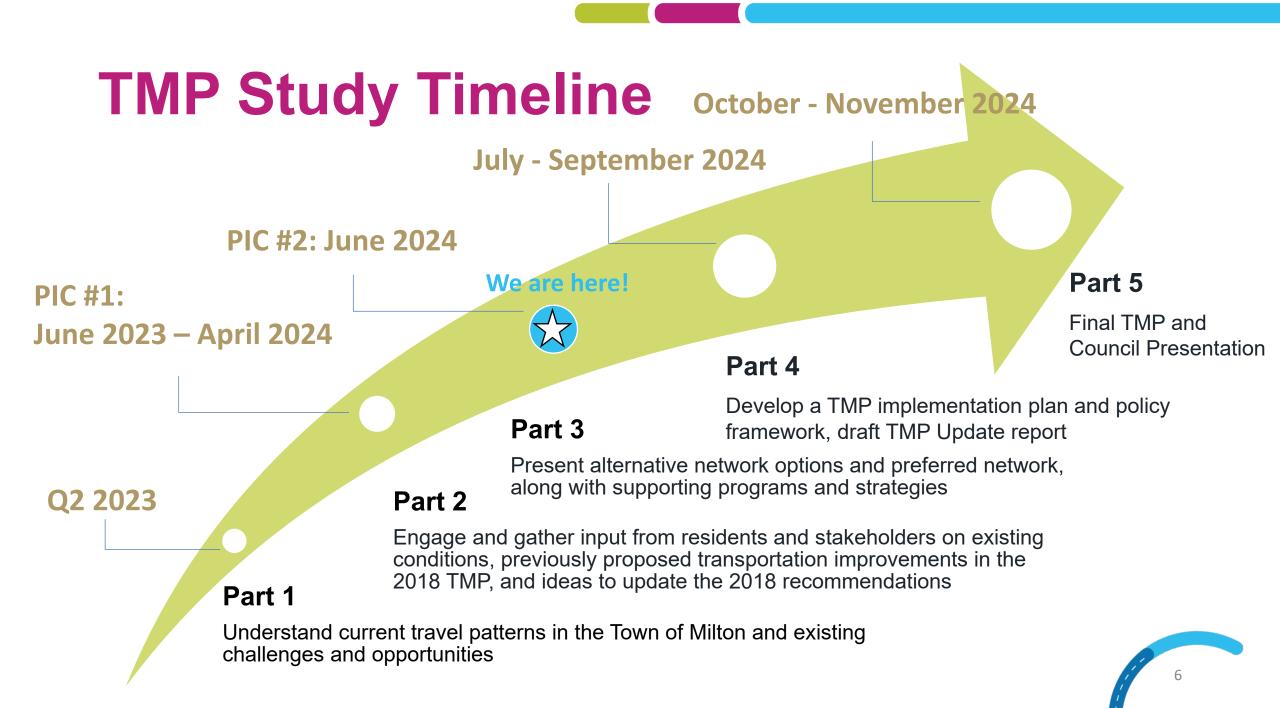
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Accommodate future growth and associated travel demands



Support mobility for all modes of transportation





#### **Promote sustainability**

## **Rural Communities**

	Торіс	What was Heard	What we Did
	All Modes of Transportation	Improve the accommodation of different users and vehicles.	Improved guiding principles to emphasize equitability and accessibility for all ages and abilities.
Å So	Walking and Cycling	Safer infrastructure for pedestrians and cyclists.	Emphasized on the importance of road safety for all users on Regional and local roads throughout rural communities.
		Encourage active transportation.	
	Transit	Transit system needs to be re-assessed and prioritized.	Conveyed comments regarding improving transit connectivity for rural communities within the Town to
		Improve transit service coverage.	the Transit Master Plan team.
	Traffic	<ul> <li>Through traffic using Town rural roads to avoid Highway 401 and other congested Provincial and Regional roads.</li> <li>Operational concerns at specific intersections associated with stop control.</li> </ul>	<ul> <li>Re-assessed traffic safety strategies to account for collision-prone areas suggested by participants of the consultation.</li> <li>Concerns have been communicated to Town Traffic Operations staff for investigation and follow-up.</li> </ul>
	Goods Movement	Collisions and / or congestion on Highway 401 results in trucks diverting to Town rural roads and re-siting of truck inspection area (downtown).	Reviewed policies related to goods movement to balance the accommodation of various users across the transportation network with freight transportation.
	Educate and Collaborate	Educate public and truck drivers on appropriate diversion routes.	Dedicated a chapter of the TMP Update to transportation in rural communities.
∭ <b>దిదిది</b> ్``		Collaborating with Halton Region and MTO.	WSP will reach out to Halton Region and MTO.

## **Active Transportation Strategies**

### **Strategy Development Process**



### **Objectives**

- Engage and respond to local demand and interest, and other stakeholders, to create community-informed recommendations
- Align recommendations with the expected growth, priorities, and developments
- Improve connectivity to existing and proposed active transportation facilities, provide linkages to key destinations, communities, and transit
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- Create an integrated multi-modal transportation system that supports the need of a variety of transportation options

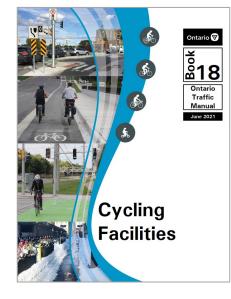


### **Active Transportation Best Practices**



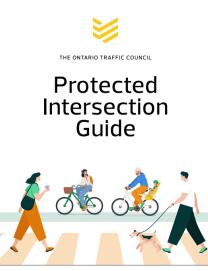
#### **Complete Streets**

Balance the needs of all road users – pedestrians, cyclists, drivers, and transit users.



#### OTM Book 18

The manual provides design standards, guidelines, and best practices for planning, designing, and implementing cycling infrastructure in Ontario.





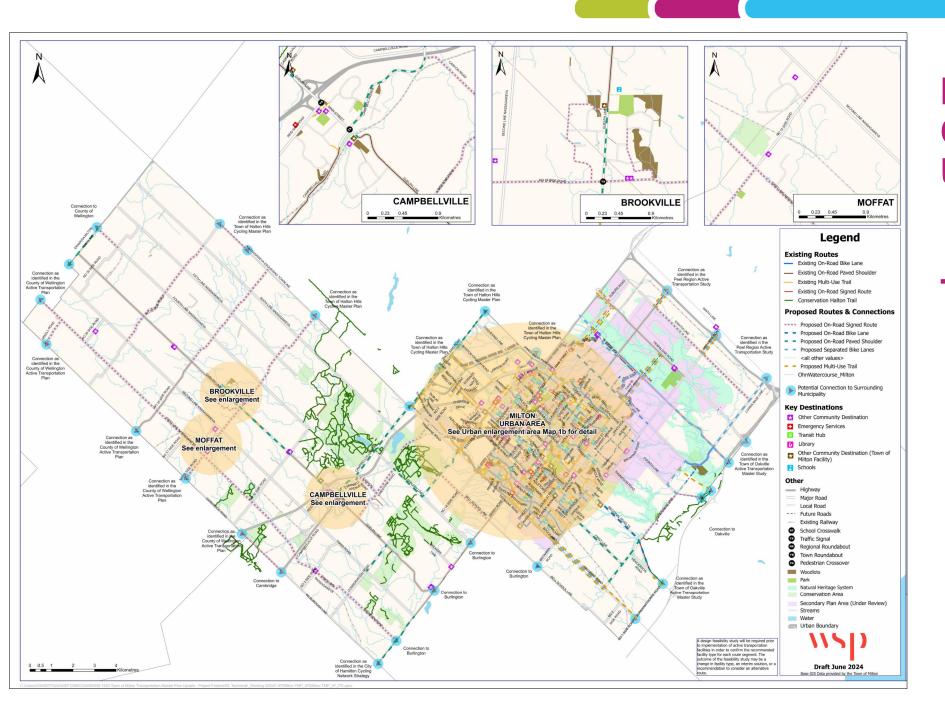
#### **OTC Protected Intersection**

High number of collisions and fatalities occur at intersections. The guide introduces solutions to reduce vehicle speed, high-risk conflicts, crossing distances, and delays for all users.

#### **Vision Zero**

The goal is to eliminate road fatalities and injuries by holding road system designers and builders accountable.

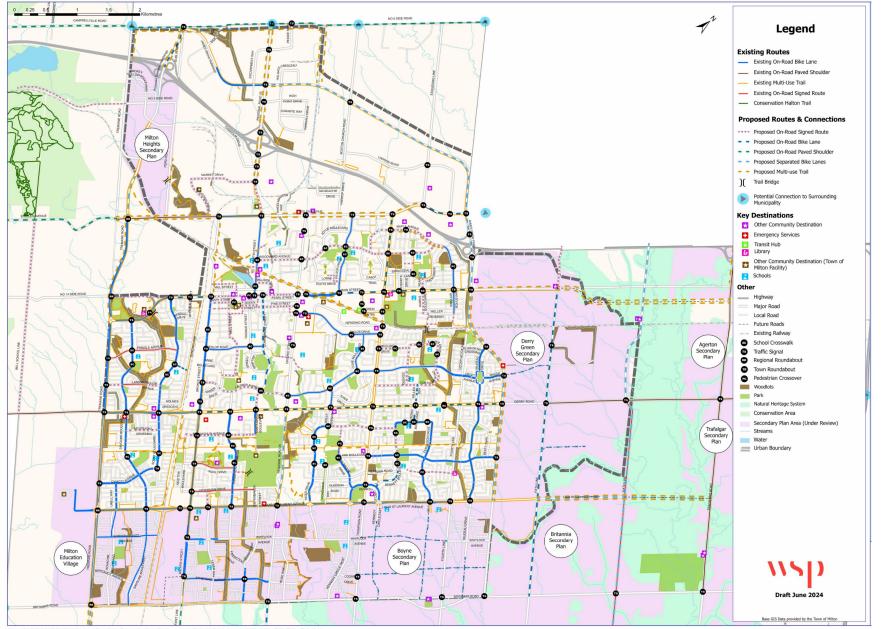




### Proposed Cycling & Multi-Use Network

11

### **Town-Wide**



### Proposed Cycling & Multi-Use Network

### **Urban Area**



## **Milton's Vision for Transit**

The Town knows that **transit has a critical role to play in meeting the needs of the evolving community**, **including post-secondary influences.** Existing plans and strategies identify transit's role in:

#### Managing sustainable growth

Enabling **higher densities** along corridors, nodes, and in growth areas

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Providing **reliable connections** to serve the needs of all Miltonians

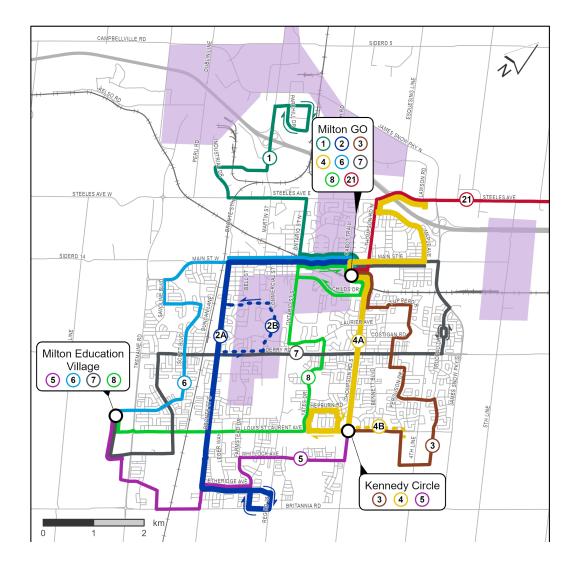


Embracing **modernization** (state-of-readiness) for battery electric technology and innovative fare payment systems

"By 2027, Milton will have laid the foundation for its future as a diverse and welcoming community defined by higher densities **enabled by transit**. This foundation will include **transit system advancements**, prioritized infrastructure..."

Milton's Practical Vision for 2023-2027

# 2029 Transit Network & Key Outcomes

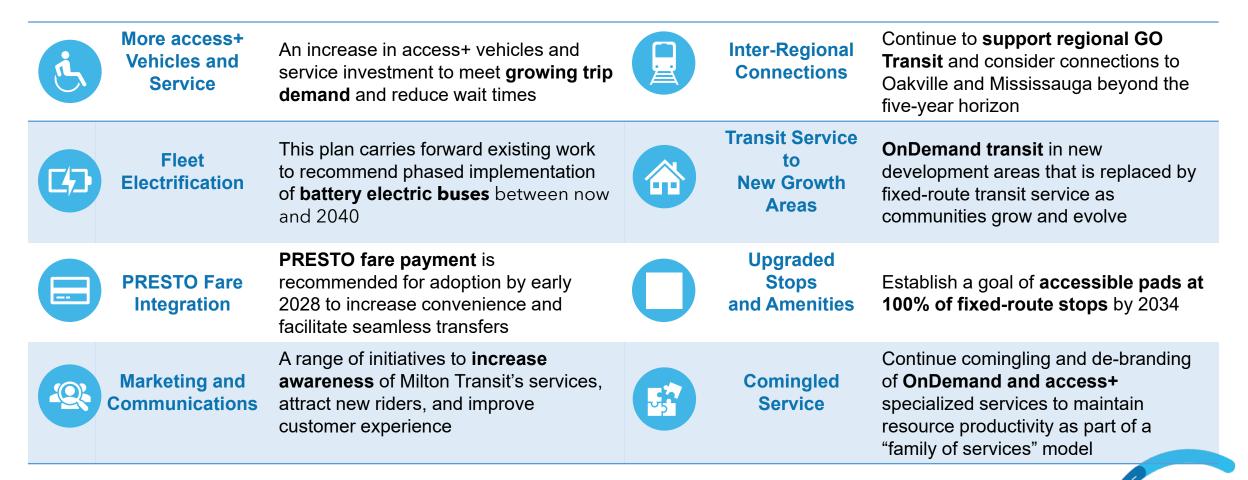


### The 2029 Transit Network includes the following key outcomes:

- Improved reliability
- More direct routes
- More frequent service 15-20 mins on weekdays on major corridors and at least 30 mins all week on all local routes
- Extended service with weekday and Saturday service until 11:30PM
- Introduction of **Sunday service** from 7:00AM to 7:00PM
- Longer routes to reduce required transfers
- New transfer points at MEV and Kennedy Circle area
- **Greater access** the average resident can access 2.3x more people/places within a 45-minute transit trip compared to today
- Re-distribution of OnDemand service areas to optimize performance

## **Supporting Recommendations**

In addition to the conventional transit network improvements, the Plan identifies supporting programs and initiatives to help Milton **increase ridership** and provide a **high-quality transit experience** for customers:



## **Transit Services Strategy**

**Transit priority measures** use technology and/or road widening to enhance transit travel times, boost reliability and increase bus speeds compared to private vehicles.

#### Benefits can:

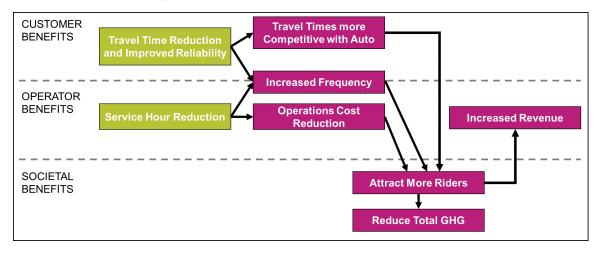
- Help attract additional riders, hence increasing revenue for Milton Transit; and
- Take private vehicles off the road, aiding in the reduction of GHG and improving transit mode share levels.

Improving transit speed can be achieved through a range of operational infrastructure enhancements, each differing in effectiveness and difficulty of implementation.

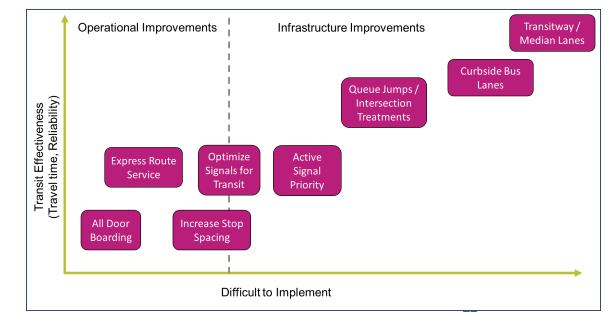
#### **Operational Improvements:**

• Door boarding facilitated by off-board fare payment and increasing transit stop spacing serve to minimize dwell time at transit stops.

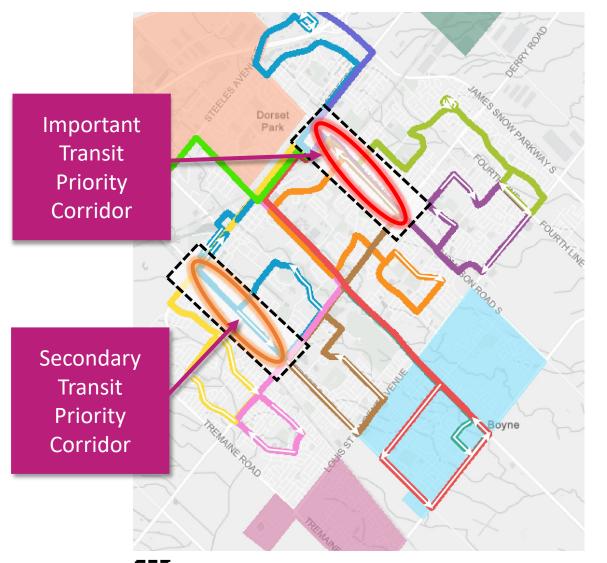
#### **Transit Priority Benefits**



#### **Transit Priority Options**



# **Identified Transit Priority Corridors**



Transit priority treatments should be considered for corridors with heavy transit usage and poor traffic performance

- Thompson Road (Main St to Derry Rd) is strongly recommended for transit priority as it serves 7 transit routes (4 Milton Transit routes and 3 GO Bus routes) and is flagged as having future traffic performance issues
  - Queue jump treatment could be considered at Thompson Road / Drew Centre to ensure reliable access to Milton Transit's central hub at Milton GO Station
  - Performance at other signals along the Thompson Road corridor between Main Street and Derry Road should be monitored to determine transit priority locations needed in the future
- Bronte Street (Main St to Derry Rd) is identified as a secondary transit priority corridor, where measures may be required in the future
- Other corridors should be monitored as development and the transit system expands into new areas

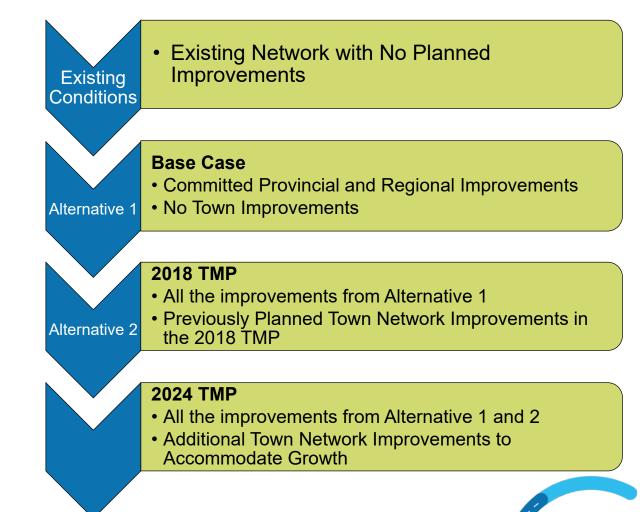
# **Road Network Overview**

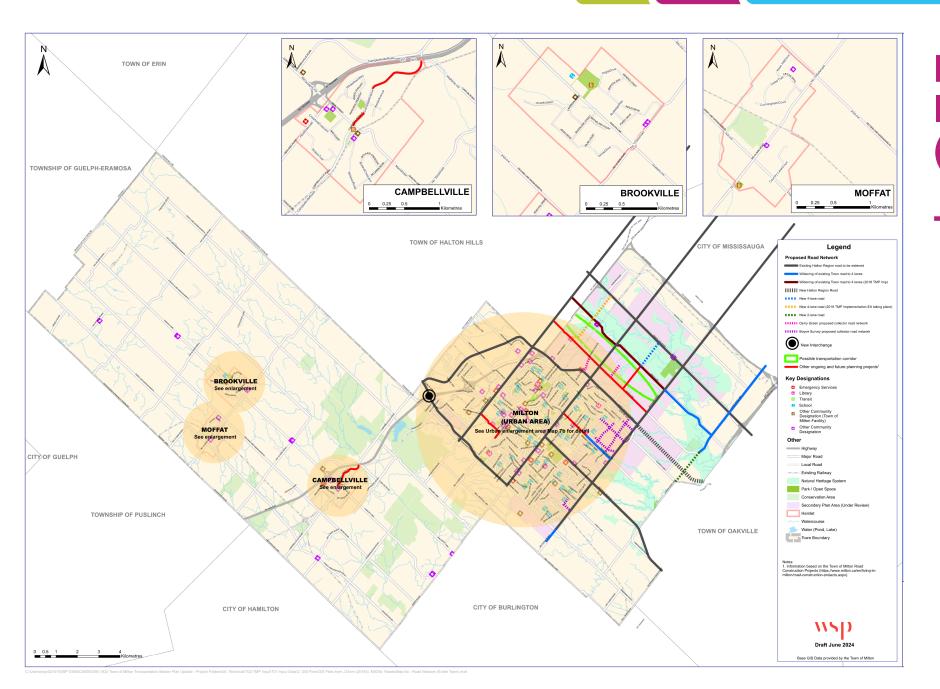
 In addition to the existing conditions, three road network alternatives are being analyzed to determine the preferred transportation network, looking forward to 2051.

#### • Planning for the road network:

- Possible road alignment opportunities with Active Transportation and Transit improvements.
- Strategic capacity improvements to accommodate future growth.
- Identify opportunities for alignments with local municipalities and Halton Region for proposed road improvements.

#### **Proposed Road Network Alternatives**

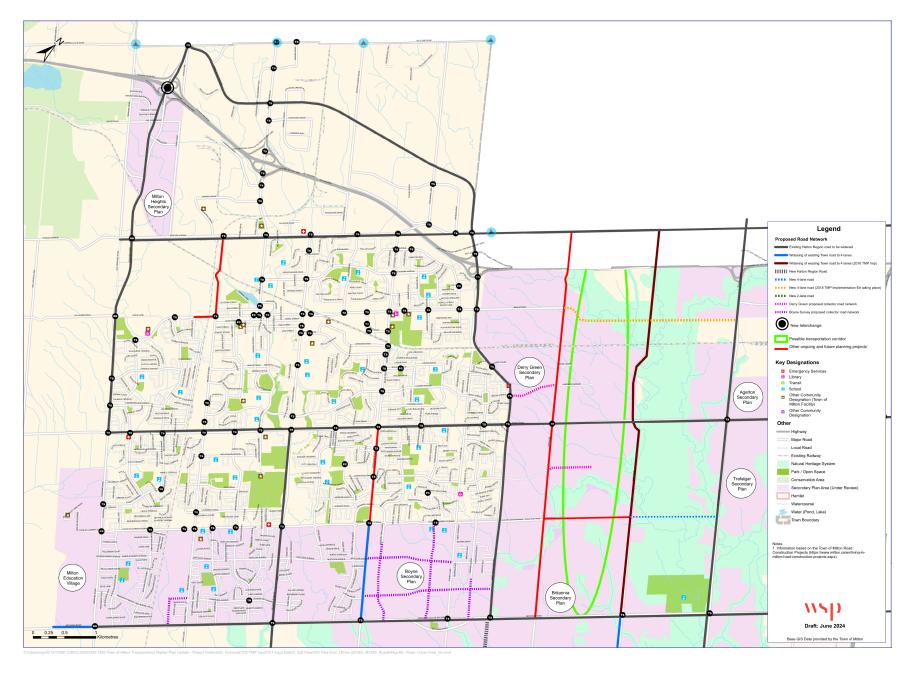




### Proposed Road Improvements (Alternative 3)

**Town-Wide** 

19



### Proposed Road Improvements (Alternative 3)

### **Urban Area**

20

# **Goods Movement**

The Town should designate and monitor designated goods movement corridors to ensure that they:

- Are compatible with its adjacent land use;
- Support the needs of businesses and industries support economic development;
- Reduce congestion;
- Enhance safety; and
- Promote sustainable transportation practices.

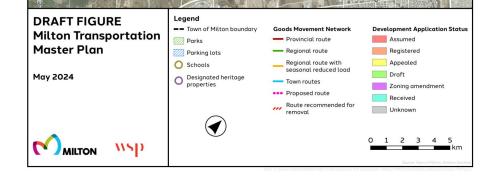
#### How Should the Town Designate Routes for Goods Movement?

Town should:

- Review the recommendations from the 2018 TMP
- Review status of implementation and in conjunction with the 2024 TMP
- Determine whether these recommendations should continue to be carried out, or whether they require updating.
- Collaborate with the Region and the adjacent lower-tier municipalities to better understand their goods movement needs to, from and through the Town.

 Coods Movement Routes Mar

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# **Next Steps & Contact Information**

### Thank you for contributing to the Transportation Master Plan Update!

- **Summarize** and process input received
- 2 Adjust and refine improvements to transportation network
- **3 Present** Report to Council

Have more comments? Please visit: letstalkmilton.ca

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