Multi-Modal Transportation Master Plan
Public Information Centre Meeting #2

Presentation by:

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FUTURE CALEDON

May 12, 2022
6:00 PM – 7:30 PM

TOWN OF CALEDON

Project Team

Town of Caledon

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Overview

- Study Approach and Consultation
- Study Purpose, Vision, and Objectives
- Summary of Phase 1
- Alternative Strategies and Evaluation
- Summary of Recommended TMP Strategy
- Next Steps and Input

Study Approach and Consultation

Phase 1
Problem Or Opportunity

- Identify Natural, Social and Cultural Heritage Assets
- Assess Existing and Future Needs and Opportunities
  - Road, transit, active transportation and safety needs
  - Future needs and opportunities

Public Information Centre # 1

Phase 2
Alternative Solutions

- Identify and Analyze Alternative Solutions (Strategies)
- Evaluation and Selection of Preferred Alternative
- Preferred Transportation System Solution (Strategy)

Public Information Centre # 2

We are Here

- Document Transportation Master Plan Report

Future Phases
Not within this study

- **Phase 3:** Alternative Design Concepts for Preferred Solution
- **Phase 4:** Schedule C Environmental Study Report
- **Phase 5:** Implementation

Continuous Collaboration

The Transportation Master Plan is being carried out in accordance with the Municipal Class Environmental Assessment (MCEA) process.

Purpose and Vision

- The Town of Caledon is experiencing steady growth with increasing demands on the transportation system.

- **Purpose**: The MMMTP is a long-term strategy that guides the planning, policies, and infrastructure needs of the Town's multi-modal transportation system **to accommodate future growth and development**.

- **Vision**: By 2051, the Town will have a transportation system that provides **accessible**, **affordable**, **safe**, and **sustainable** travel choices for all, and is well-integrated, effective to use, promotes healthy lifestyles, and supports economic prosperity, livable communities and climate commitments.

Objectives and Strategic Directions

Population			Employment		
76,580	→	300,000	26,700	→	125,000
2021		2051	2021 est.		2051

1. Develop a future-ready transportation plan for the Town and expand the multi-modality of the transportation system including driving, transit, walking, cycling, and other emerging mobility options.
2. Provide infrastructure to support and manage future land use growth and address the needs and priorities for both rural and urban communities.
3. Deliver sustainable strategies that protect natural heritage assets while reducing transportation's effects on climate change.
4. Build a safe and inclusive transportation system that supports age-friendly communities and promotes healthy living.
5. Develop complementary transportation solutions that supports Provincial, Regional, and Local policies and the Town's Official Plan (OP) update.

Phase 1 Summary

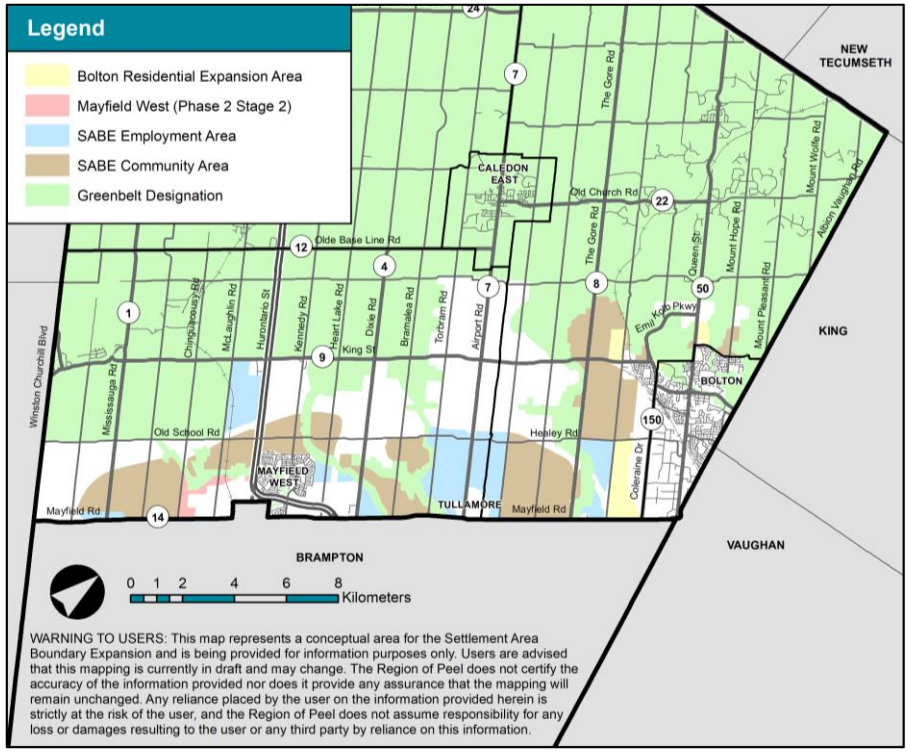
Study Context and Objectives

- Transportation System Inventory
- Natural Heritage Environmental Scan
- Understanding of Social, Cultural, and Equity Objectives

Transportation Needs and Opportunities

- Road Capacity Needs and Opportunities
- Transit Needs and Opportunities
- Active Transportation Needs and Opportunities
- Town Road Safety Needs and Opportunities

Development and Evaluation of Alternative Strategies



Settlement Area Boundary Expansion (SABE) Lands

Preliminary Assessment of Needs and Opportunities

Road Capacity

- Need for additional lane capacity on existing north-south and east-west roads within future SABE area
- Need for a study/studies to develop additional collector roads to connect east-west through SABE
- Need for detailed safety reviews of misaligned intersections and monitoring of certain intersections

Active Transportation Needs and Opportunities

- Need for additional connectivity and continuity within the Town's AT network and through the SABE area
- Opportunities for new trail spine routes utilizing new continuous corridors
- Opportunities to connect to adjacent municipalities

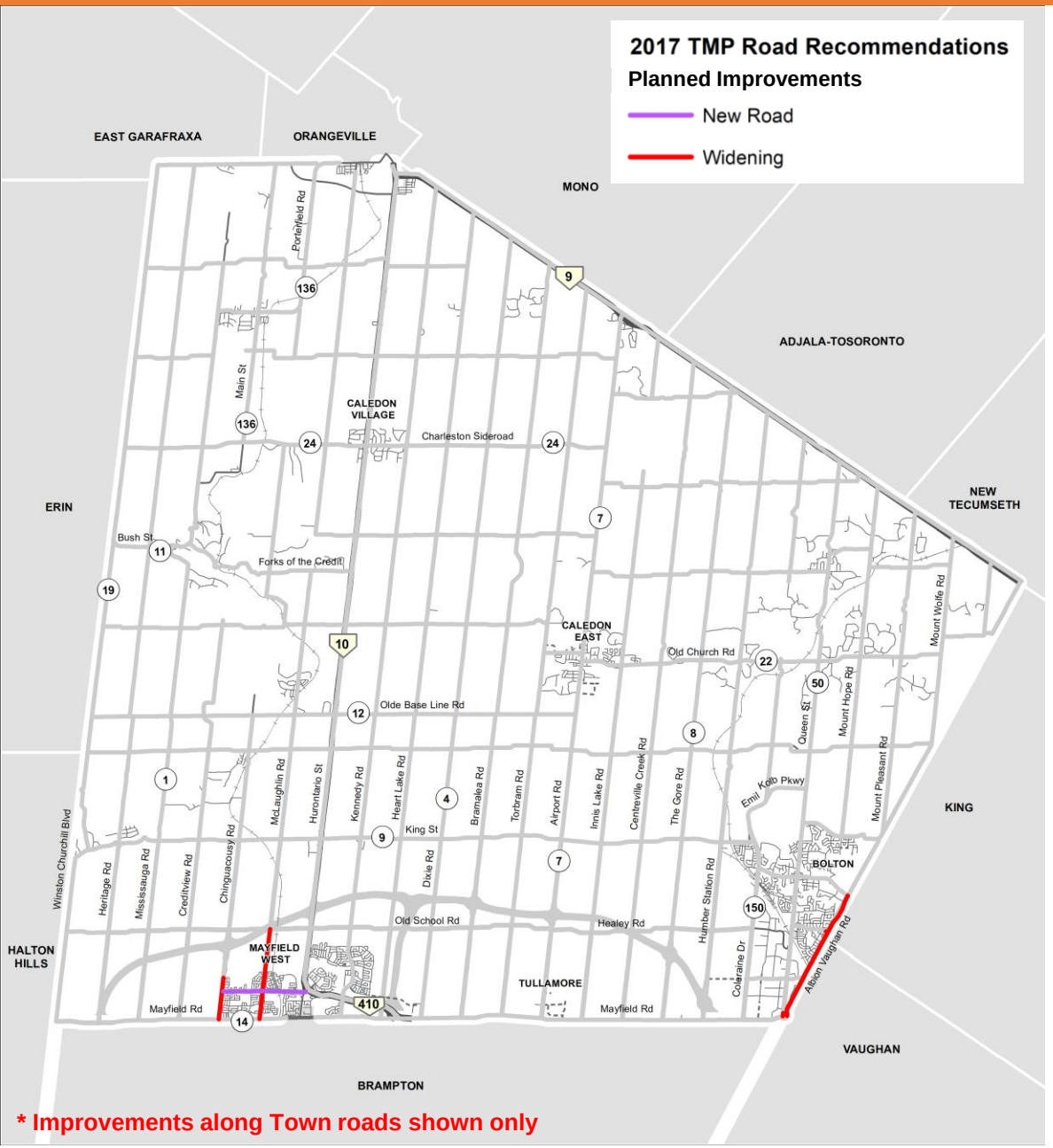
Transit

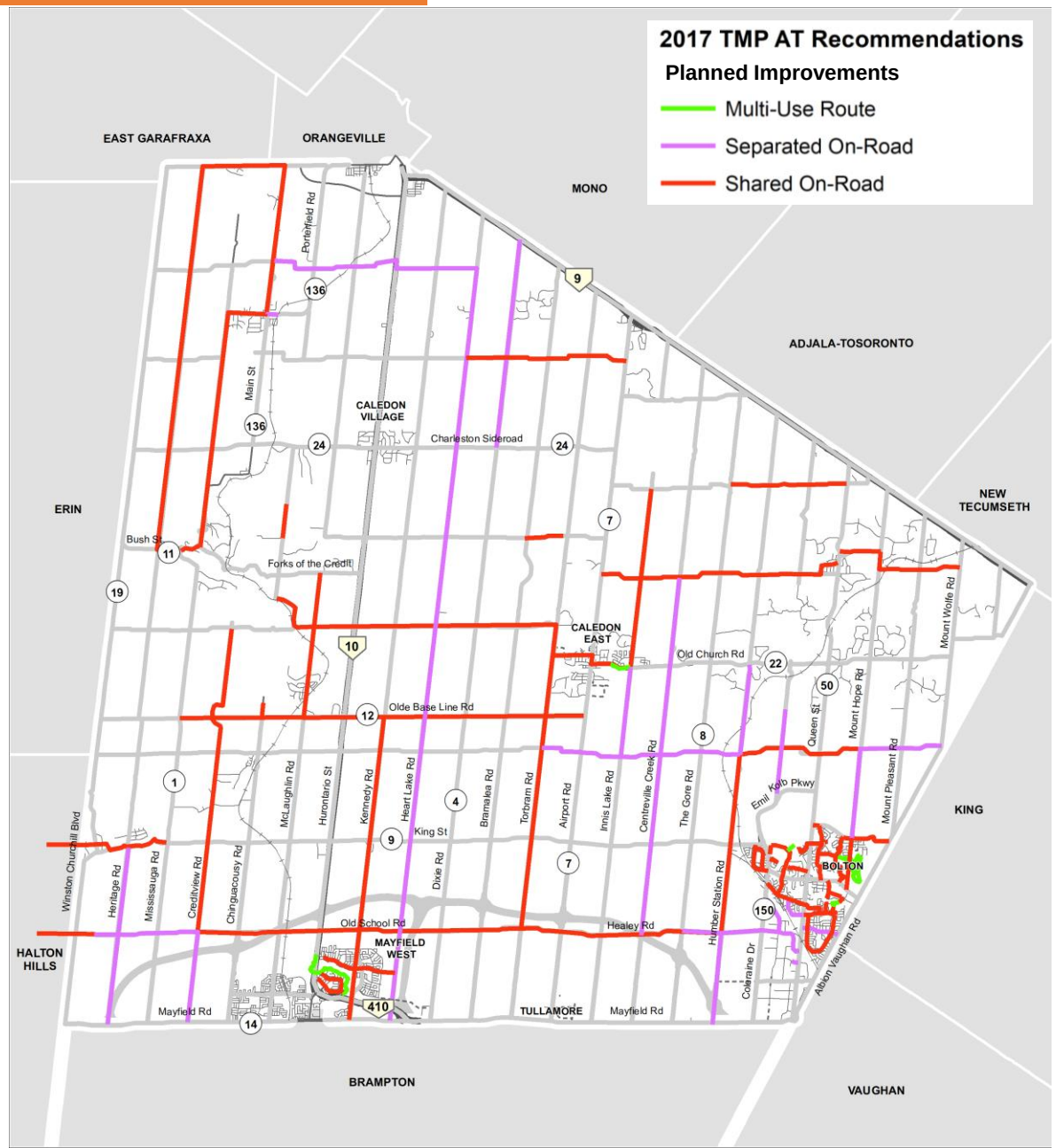
- Need for expanded Town-managed transit service to address sustainability and equity objectives
- Need for transit routing to be coordinated with secondary plan road development and population density

Alternate Strategies and Evaluation

Alternative Strategies	Goal
Do Nothing	A transportation strategy that reflects the 2017 Caledon TMP that addresses transportation needs to 2031
Road Network Approach	Develop additional road infrastructure in support of growth to 2051 to address capacity and connectivity needs
Sustainable Approach	Develop active transportation and transit and focus only on sustainable modes of travel
Combined Approach	Invest in capital road improvements and implement active transportation and transit network improvements

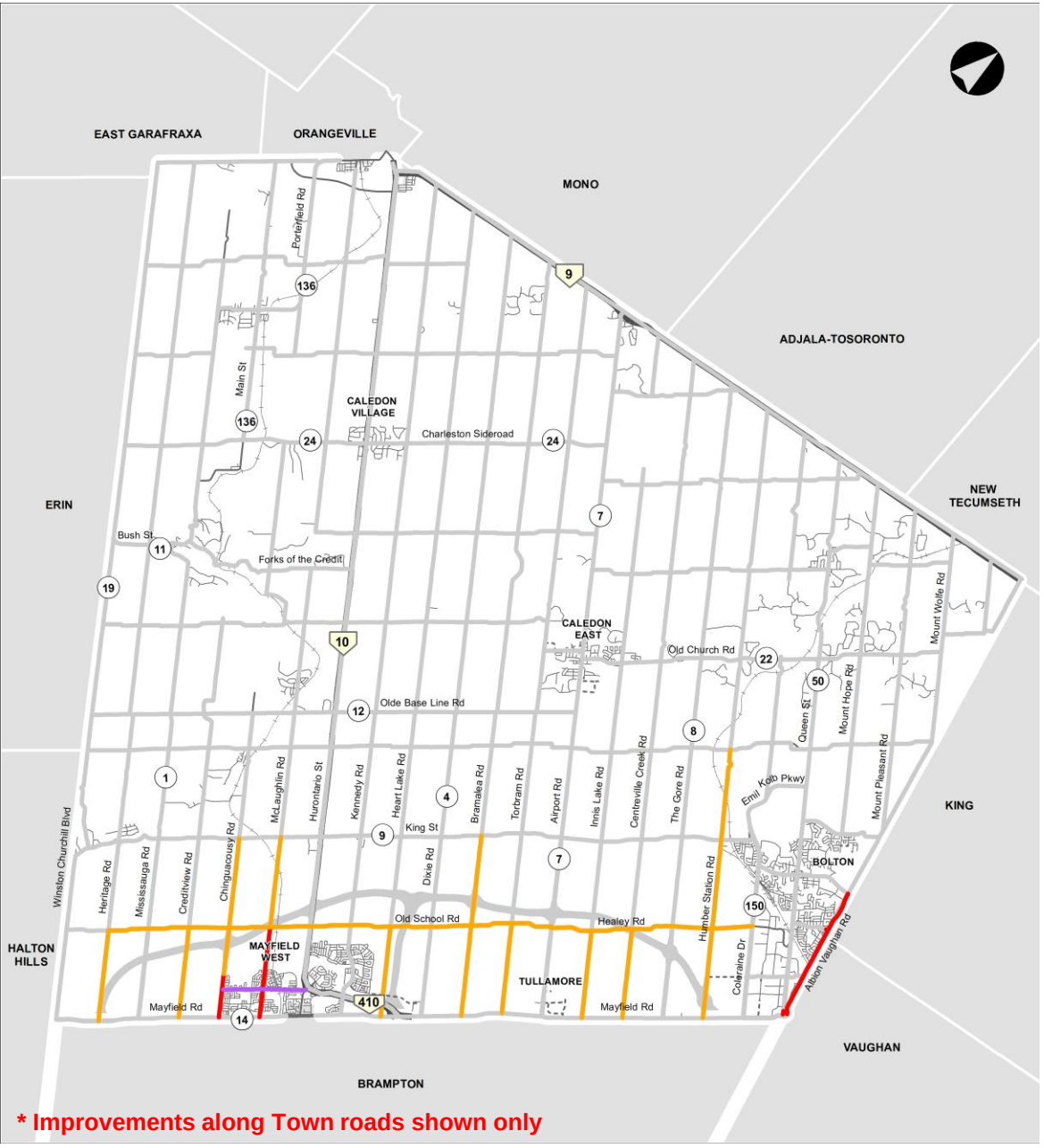
Scenario 1: Do Nothing ("Business-As-Usual")





*** Improvements along Town roads shown only**

Scenario 2: Road Network Approach



* Improvements along Town roads shown only

2017 TMP Road Recommendations

Planned Improvements

- New Road
- Widening (2 to 4 lanes)

2022 Lane Widening Recommendations

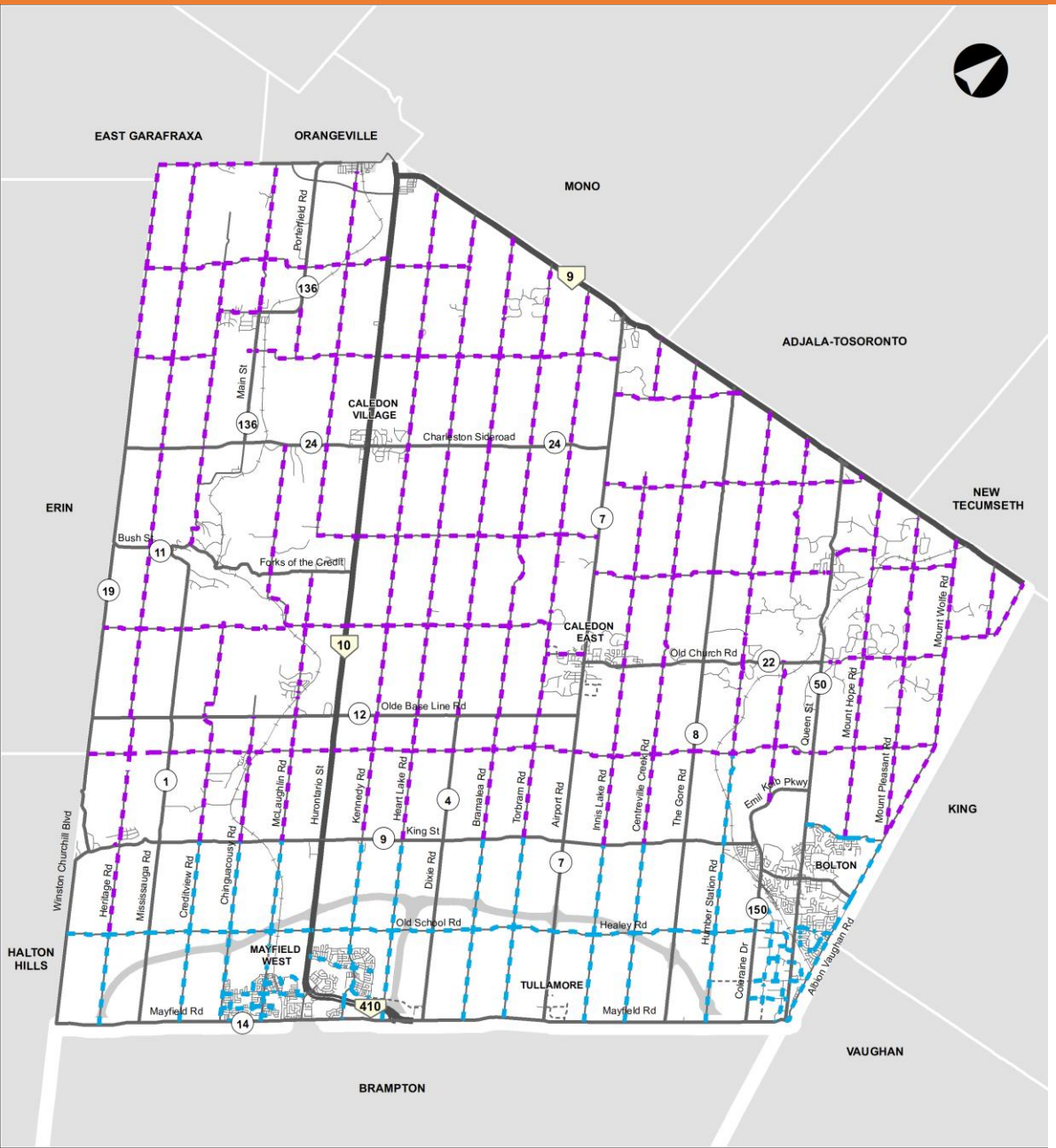
By 2051

- Widening (2 to 4 lanes)

Proposed Road Network

- Build on Regional and Provincial plans
- Urbanize 4-lane cross section for all roads within southern Caledon
- Study of new collector roads within southern Caledon through the Secondary Plan process
- Incorporate a “Complete Streets” approach which is designed for all road users

Scenario 3: Sustainable Approach



2022 TMP AT Recommendations

By 2051

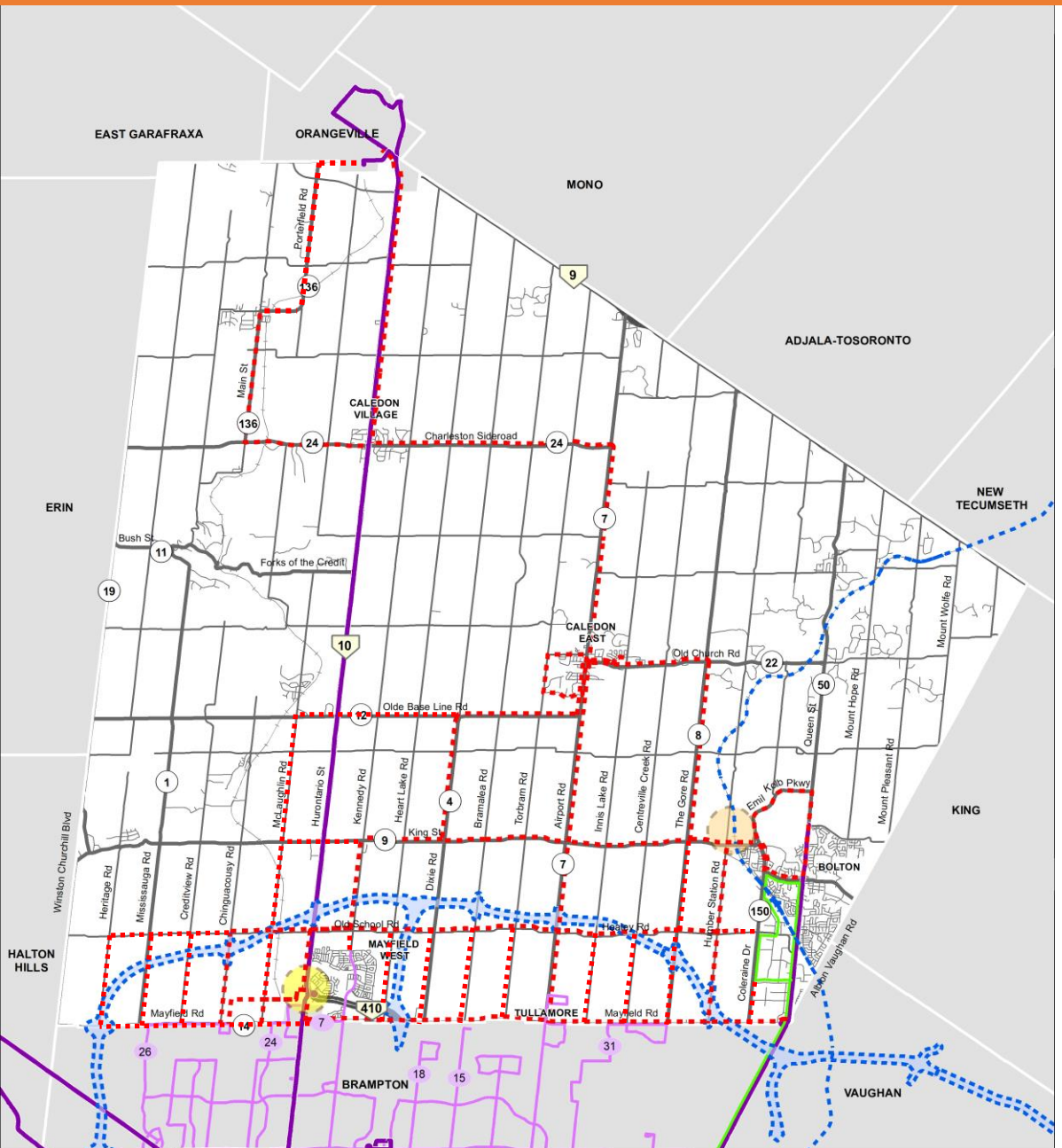
- Paved Shoulder
- Separated Facility
- Shared Facility

Proposed Active Transportation Network

- Paved shoulders on rural collector roads
- Separated facilities on arterials and urban collector roads
- Shared facilities on local roads
- Projects that enhance continuity within the Town and connectivity to adjacent municipalities

** In February 2022, the Town initiated a Town-Wide Active Transportation Master Plan, which will "ground-proof" the proposed routes and alignments*

Scenario 3: Sustainable Approach



Existing Transit Network

- Bolton Line
- GO Transit
- Brampton Transit

Proposed Transit Network

- Inter-municipal Transit
- Local Transit

MTSA

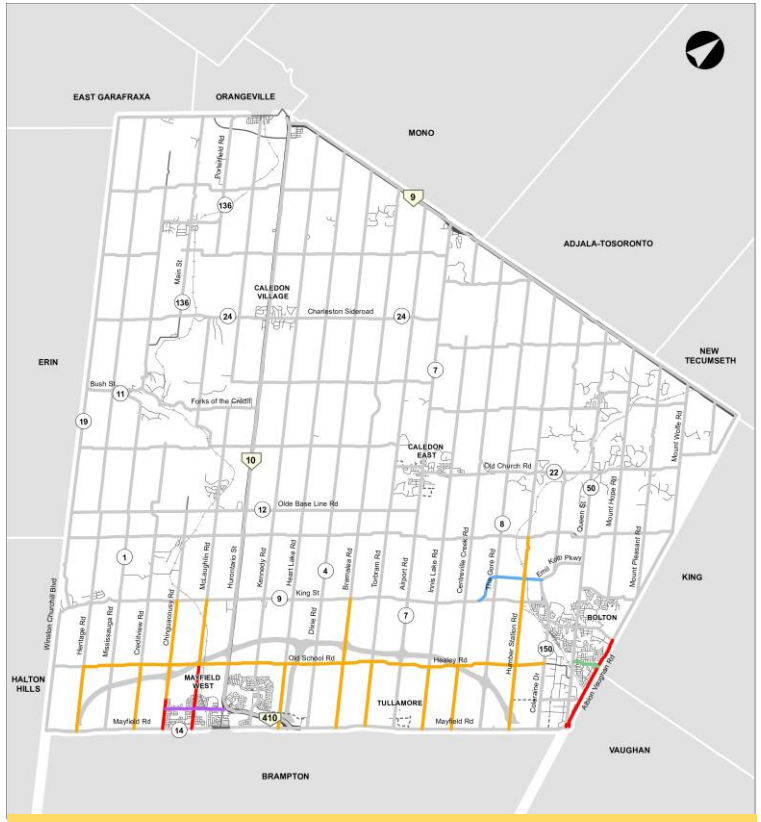
- Caledon GO Station (Priority MTSA)
- Mayfield Transit Hub

Proposed Transit Network by 2051

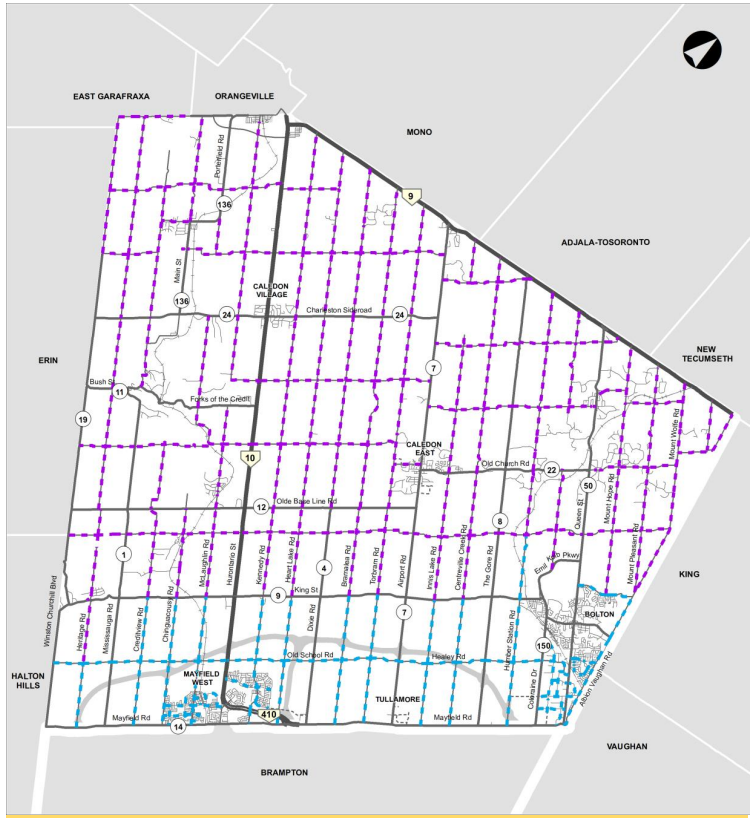
- Priority Areas or Corridors
  - Caledon GO Station (Primary MTSA)
  - Mayfield West Transit Hub (Planned MTSA)
  - Bolton
  - Tullamore
  - Bolton Residential Expansion Areas
  - Settlement Area Boundary Expansion
- Transit Needs
  - Transit Strategy Study to establish governance structure and develop a 5-year service plan
  - Connectivity within the Town and to surrounding municipalities and the regional network
  - Accessible and reliable transit services

Scenario 4: Combined Approach

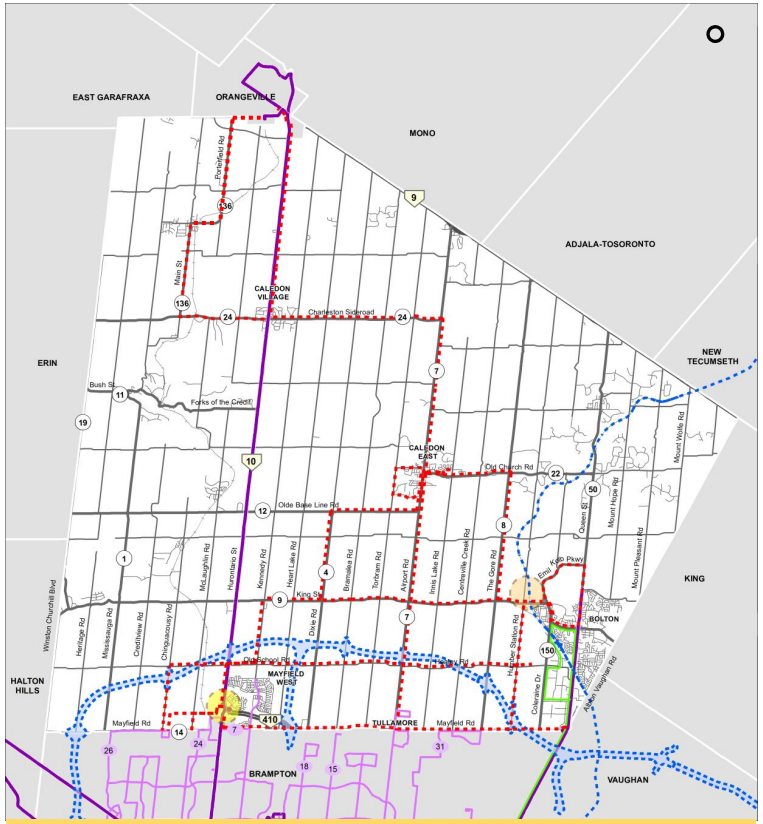
Combined approach includes the Roads, Active Transportation, and Transit networks from Scenario 1, 2, and 3



2051 Road Network



2051 AT Network



2051 Transit Network

Evaluation Matrix Criteria

Transportation Service

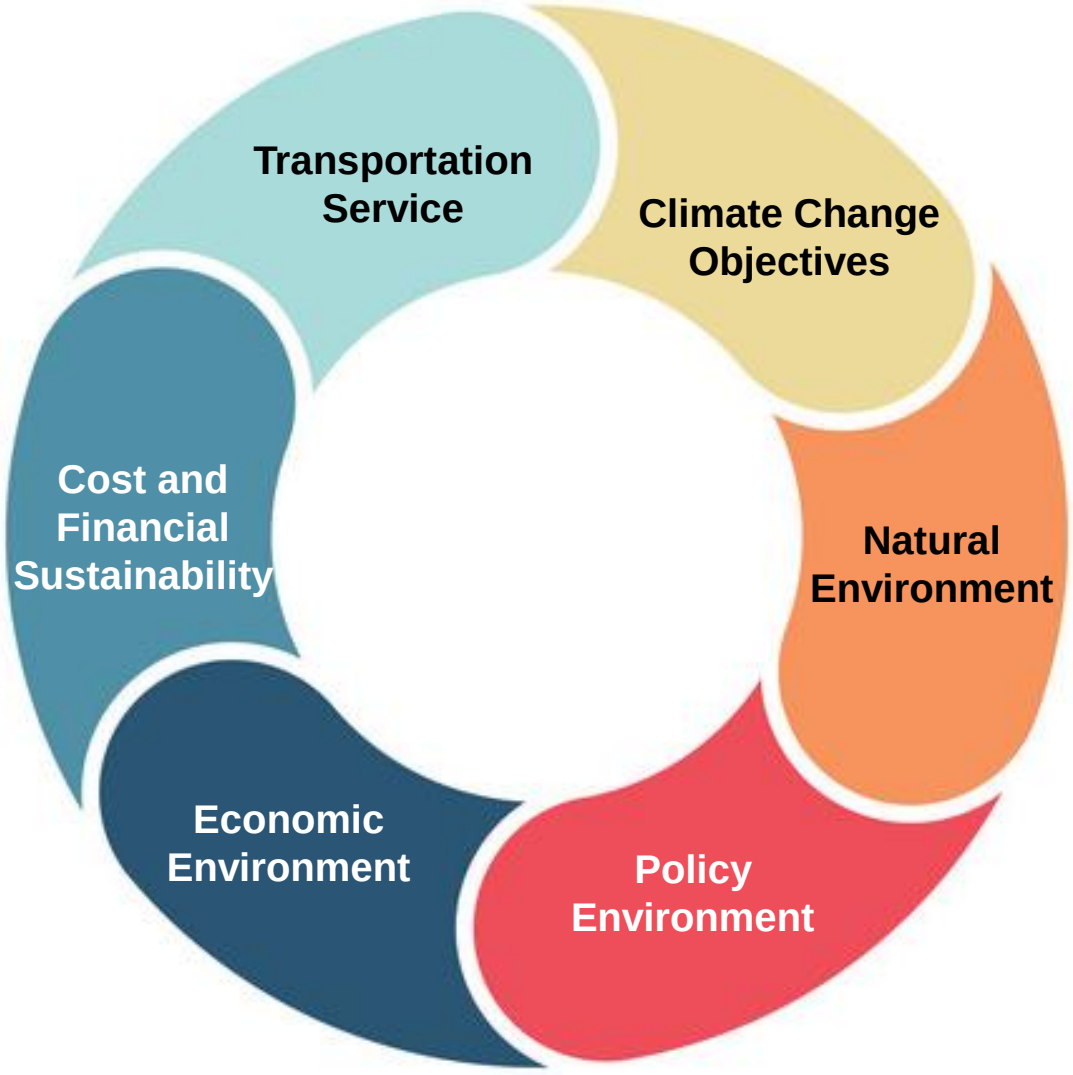
- Ensure sufficient roads capacity to accommodate future growth
- Encourage increased walking and cycling, transit, and reducing single occupant vehicle (SOV) trips
- Improves network connectivity and accessibility
- Promotes sustainable travel choices
- Minimizes travel delay at key intersections

Climate Change Objectives

- Addresses sustainable transportation objectives and climate commitments
- Supports clean energy initiatives

Natural & Cultural Environment

- Minimizes impact on natural environment areas, natural resources, and air quality
- Minimizes impact on cultural properties



Evaluation Matrix Criteria

Cost and Financial Sustainability

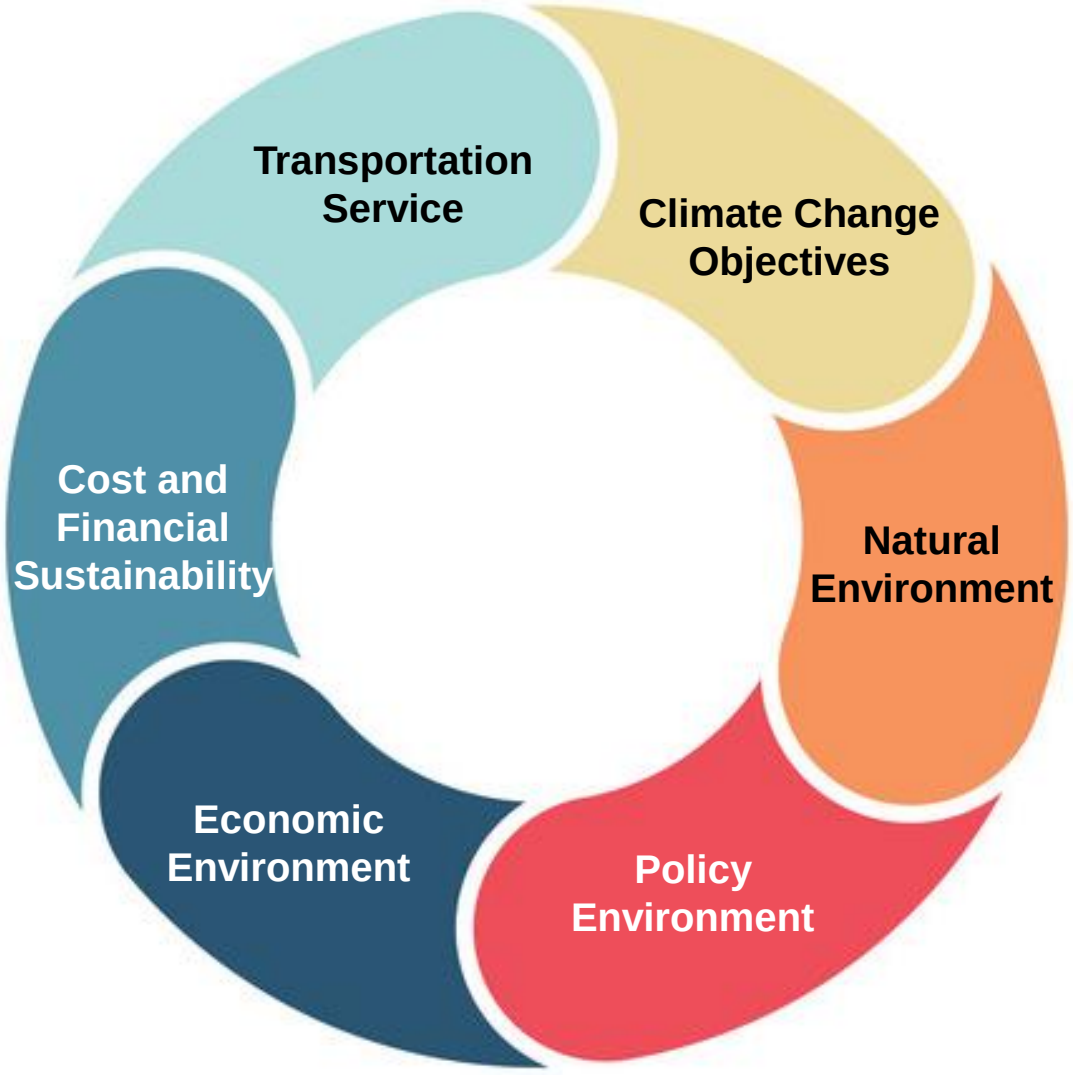
- Minimizes capital and maintenance costs and impacts to the residential tax base

Economic Environment

- Supports the existing and future business community
- Maximizes land development potential and provides opportunities for planned growth

Policy Environment

- Ensures compatibility with Provincial and Regional Plans and Policies
- Supports the Town's growth objectives, including the Official Plan
- Meet's the Region's Long Range Transportation Plan and Official Plan objectives



Evaluation of Alternatives



	Scenario 1: Do Nothing	Scenario 2: Road Network	Scenario 3: Sustainable Modes	Scenario 4: Combined
Transportation Service	○	◗	◔	●
Climate Change Objectives	◔	◗	◔	◕
Natural Environment	◕	◗	◕	◗
Policy Environment	○	◕	◔	●
Cultural and Economic Environment	○	●	◔	●
Cost Environment	●	○	◔	○
Overall	**Not preferred**	**Not preferred**	**Not preferred**	**Recommended**

Operational Strategies

Parking Strategies

- Monitor parking utilization as the SABE lands become more densified
- Consider on-street/off-street parking pricing structure
- Develop Wayfinding/signage and Online User Information
- Policy to incorporate electric vehicle charging in new developments
- Develop a Town-Wide Parking Management Strategy

Electric Vehicle Charging

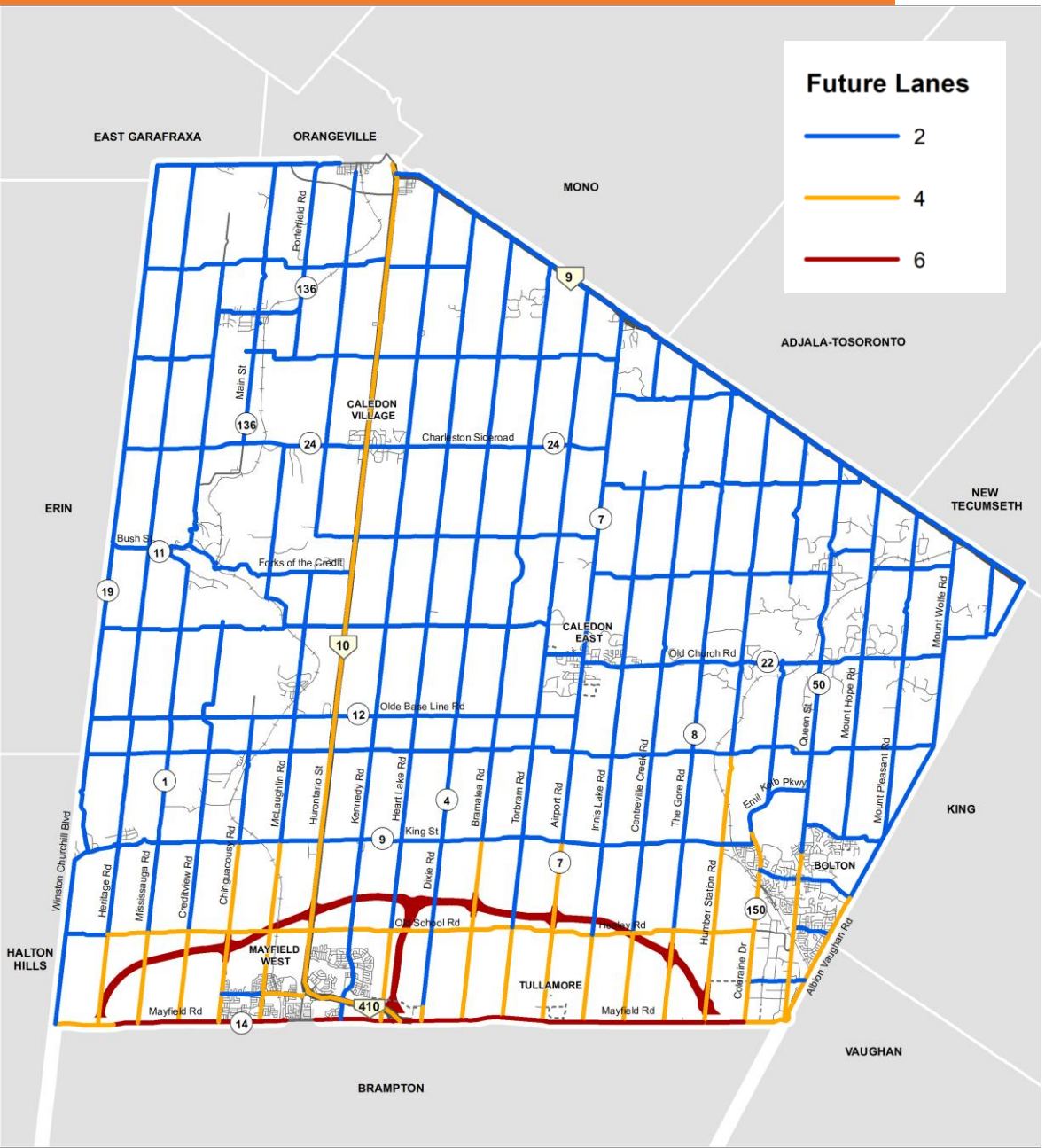
- Provide public electric vehicle charging stations as communities become more densified

Emerging Technologies

- Continue to develop the Town's Open Data Portal
- Coordinate with the Region of Peel in the form of Working Groups or Technical Committees to leverage future use of autonomous vehicles and other emerging mobility technologies and to be future-ready

Summary of the Recommended TMP Strategy

Road Network Summary



Proposed Road Network

- Build on Regional and Provincial plans
- Urbanized 4-lane cross section for all roads within southern Caledon
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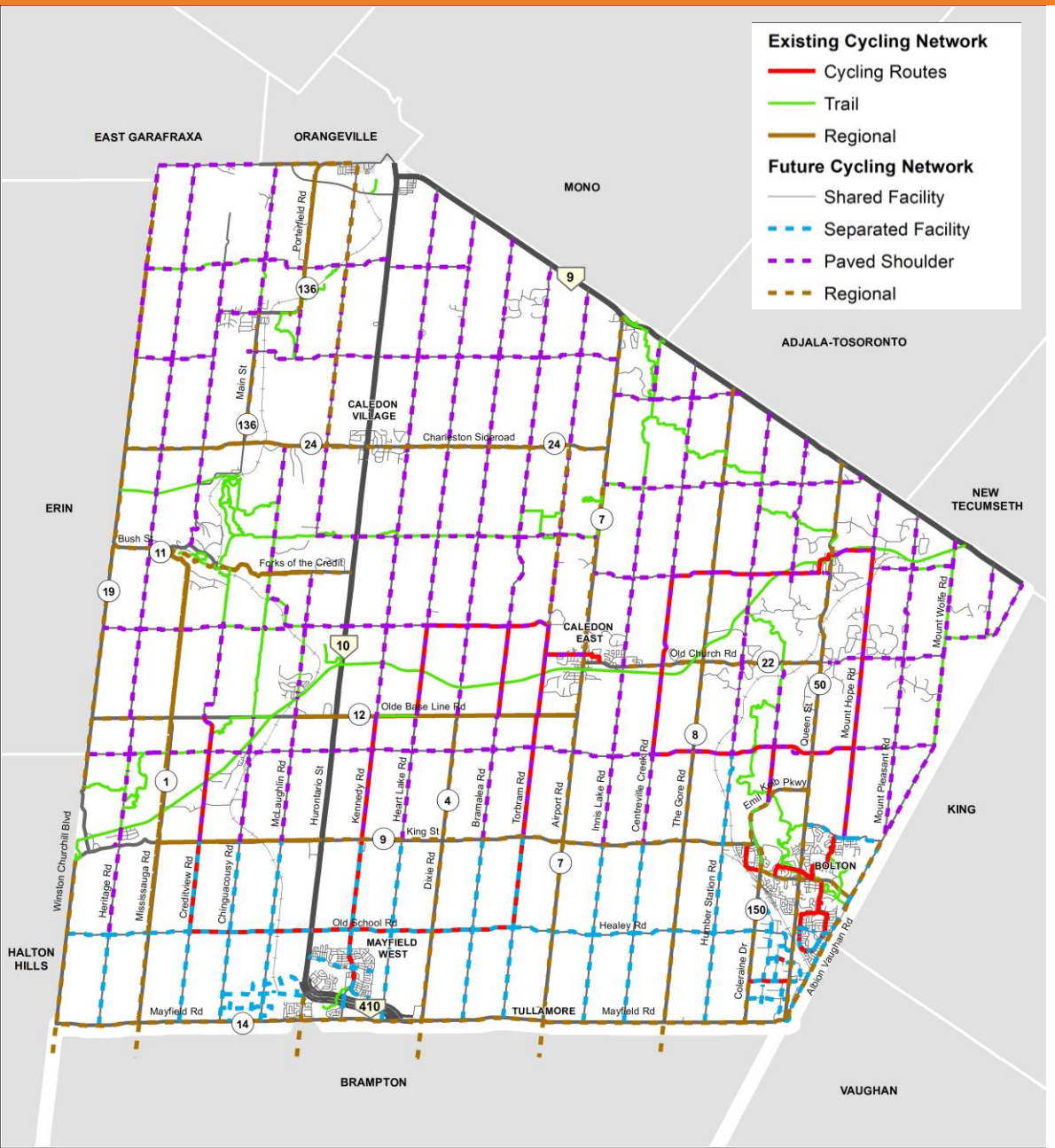
- Incorporated a “Complete Streets” approach which is designed for all road users

Policy Updates

- Future collector roads should be assessed as part of the secondary or block plan process to connect to the Town's collector and arterial road network to minimize traffic volumes on local streets
- Revised road classifications from the previous Official Plan policies and complete street typologies will reflect the Town’s future diverse urban and rural land use contexts

Road Class (Previous)	Road Class (New)
High Capacity Arterial	Regional Arterial
Medium Capacity Arterial	Town Arterial
Low Capacity Arterial	Major Collector
Collector	Minor Collector
Local	Local

Active Transportation Summary



Proposed Active Transportation Network

- Paved shoulders on rural arterial and collector roads
- Separated facilities on urban arterial and collector roads
- Shared facilities on local roads
- Projects that enhance continuity within the Town and connectivity to adjacent municipalities

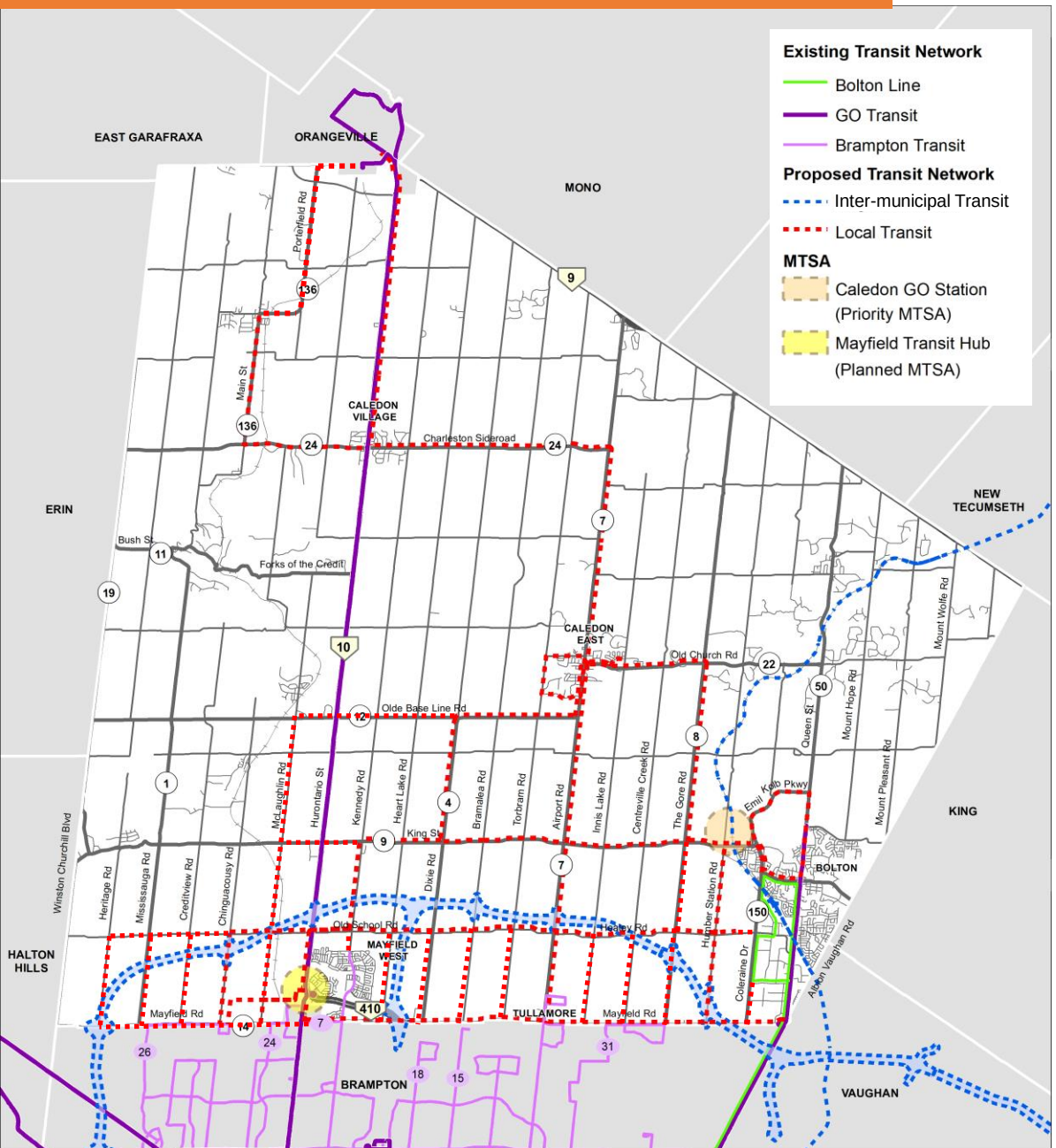
Policy Updates

Policies that introduce a regularly updated Town Active Transportation Master Plan that:

- Establishes **comprehensive walking and cycling networks** that connect existing and new settlement areas and rural settlement areas
- Establishes a **trail system** that is integrated with the pedestrian and cycling network and includes connections to open spaces
- Identifies opportunities and locations for safe **pedestrian and cycling crossings**, including strategically located grade-separated crossings
- Promotes bicycle amenities at major developments
- Engages community groups

In February 2022, the Town initiated a Town-Wide Active Transportation Master Plan

Transit Network Summary



Proposed Transit Network

- Priority Areas or Corridors
  - Caledon GO Station (Primary MTSA)
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  - Bolton
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  - Bolton Residential Expansion Areas
  - Settlement Area Boundary Expansion
- Transit Needs
  - Transit Strategy Study to establish governance structure and develop a 5-year service plan
  - Connectivity within the Town and to surrounding municipalities and the regional network
  - Accessible and reliable transit services

Policy Updates

- Policies that guide the development of transit for interim and long-term needs:
  - **Interim:** Town to leverage the transit provider in Bolton and Brampton Transit for service expansions where needed.
  - **Long-Term:** Implement Town-authorized or Town-operated transit system. The Town should initiate a Transit Strategy Study to develop 5-year service plan and establish governance structure.

Key Transportation-Related Policy Updates

Traffic Calming Policies

- New traffic calming policy and speed management section added that aims to:
  - Leverage the existing Traffic Calming policy for retrofitting (reactive measures)
  - Achieve traffic calming through roadway design for future developments (proactive measures)
  - Reduce driver speeds and design streets that provide safe mobility for users of all ages and abilities
  - Develop and implement traffic calming measures without adversely impacting walking, cycling and transit use

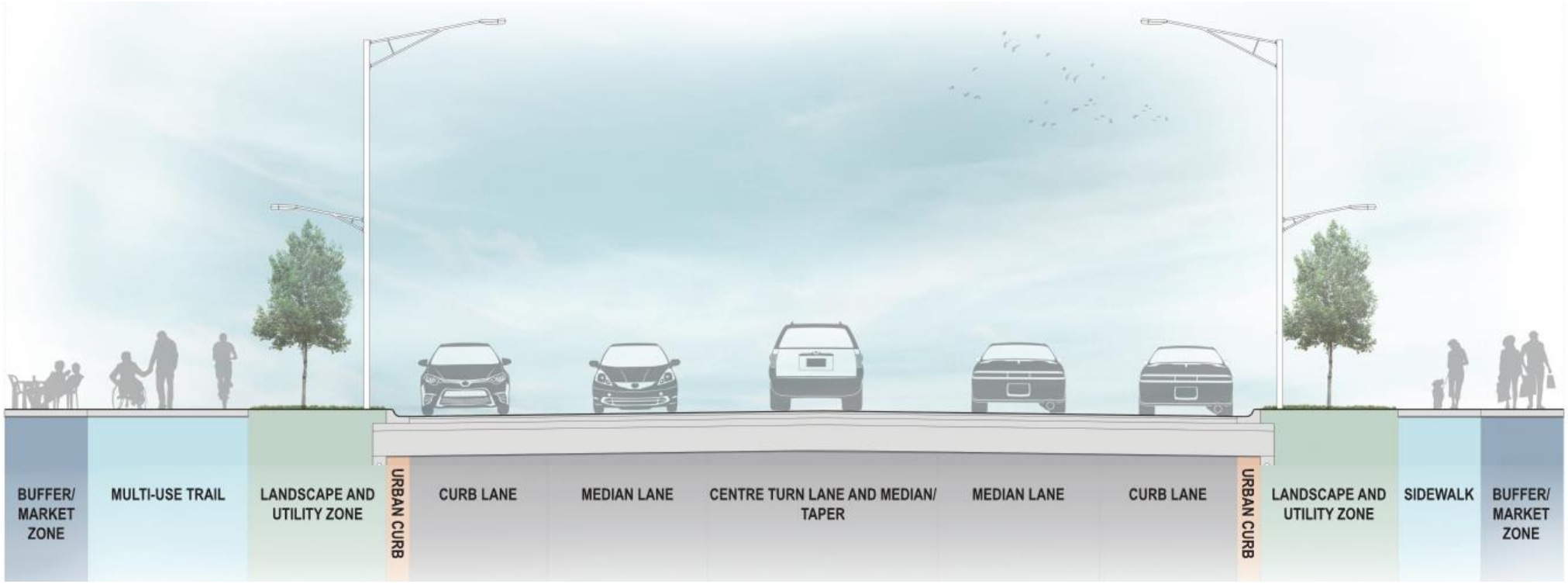
Implementation & Monitoring Policies

- Updates to the Implementation and Monitoring policy section to ensure Official Plan transportation objectives are met through:
  - Periodic updating of studies
  - Monitoring of programs and priorities
  - Funding commitments

Complete Street Guidelines

Update complete street guidelines to include best practices for cyclists and pedestrians

Proposed Commercial Collector Street Typology:



- Future urbanized roads should include space for a “market zone” to create pedestrian-friendly environments

Next Steps

- **Public Comments following this PIC:** 2 weeks to provide comments on the MMTMP
- **Report and presentation to Council**: June 20 for consideration followed by a 30-day review period

Information will be available on the project website

haveyoursaycaledon.ca/mmtmp

How to provide input?

Consult with the project team:

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Questions?