

2051 Transportation Master Plan



Agenda

Active Transportation & Sustainability Committee – Meeting No. 1

- Overview & Purpose
- Study Components
- Focus Areas
- Project Phases
- Transportation Challenges
- Project Schedule and Public Engagement Events
- Committee Discussion



Overview & Purpose

What is a TMP?

A TMP is a comprehensive, long-term strategic plan that outlines the vision, goals, and policies for developing and managing a municipality's transportation system, covering all modes of transportation including roads, transit, cycling, and walking.

What is the purpose of a TMP?

The purpose of a TMP is to enhance transportation efficiency, safety, and sustainability, support economic development, improve accessibility, reduce environmental impacts, and align transportation investments with community goals and priorities.

Is this a new plan?

The City updates its TMP to align with Provincial growth forecasts, about every 5 years.

STUDY COMPONENTS



Planning for Growth

Plans for Barrie's anticipated population and employment growth to 2051 by expanding and enhancing transportation infrastructure.



Integrated Planning

Ensures the integration of various transportation modes (e.g., walking, cycling, public transit, and personal vehicles) to create a cohesive and efficient network.



Sustainability

Promotes sustainable transportation solutions, such as reducing greenhouse gas emissions, encouraging active transportation, and improving public transit.



Economic Development

Supports economic development by improving accessibility, reducing congestion, and enhancing connections between residential, commercial, and industrial areas.



Infrastructure Financing

Identifies the cost of transportation infrastructure required to support growth and is used as a key input into the City's development charge rate.



Public Consultation

Gathers input at key study points from residents, businesses, and stakeholders, ensuring the plan reflects community needs and priorities.

Focus Areas

➤ This TMP update will **revisit the more conventional, autocentric approach** that have historically been utilized for network planning.

➤ The TMP will focus on developing a **comprehensive long-term plan** that aims to enhance mobility choice, improve road safety, and support a vibrant downtown and local economy, and provide access to community amenities. The TMP will be **flexible and pace growth**.

➤ A core component of the TMP update is understanding the people of Barrie, and how the TMP can support a **gradual but meaningful shift to sustainable transportation modes**.



Project Phases

1_a **Emerging Directions**
(complete)
Jurisdictional and best practices scan to establish emerging directions and guide TMP development

1_b **Vision and Objectives**
(Q3-Q4 2024)
An overarching vision and objectives will be established to guide development of project recommendations

2_a **Network Assessment**
(Q1-Q3 2025)
Future network alternatives will be developed and assessed in consideration of work completed to date coupled with advanced modelling techniques and public input

2_b **Recommended Network**
(Q4 2025 – Q1 2026)
A preferred network will be established for all transportation modes (auto, transit, cycling and pedestrian) and will be presented to Council for endorsement



Transportation Challenges



Population Growth

- Planning a functioning transportation network for a population doubling in size by 2051.

Mode Shifts

- Diminishing opportunities for road widenings coupled with policy objectives and fiscal constraints require a material shift from single passenger auto trips, especially during peak periods.

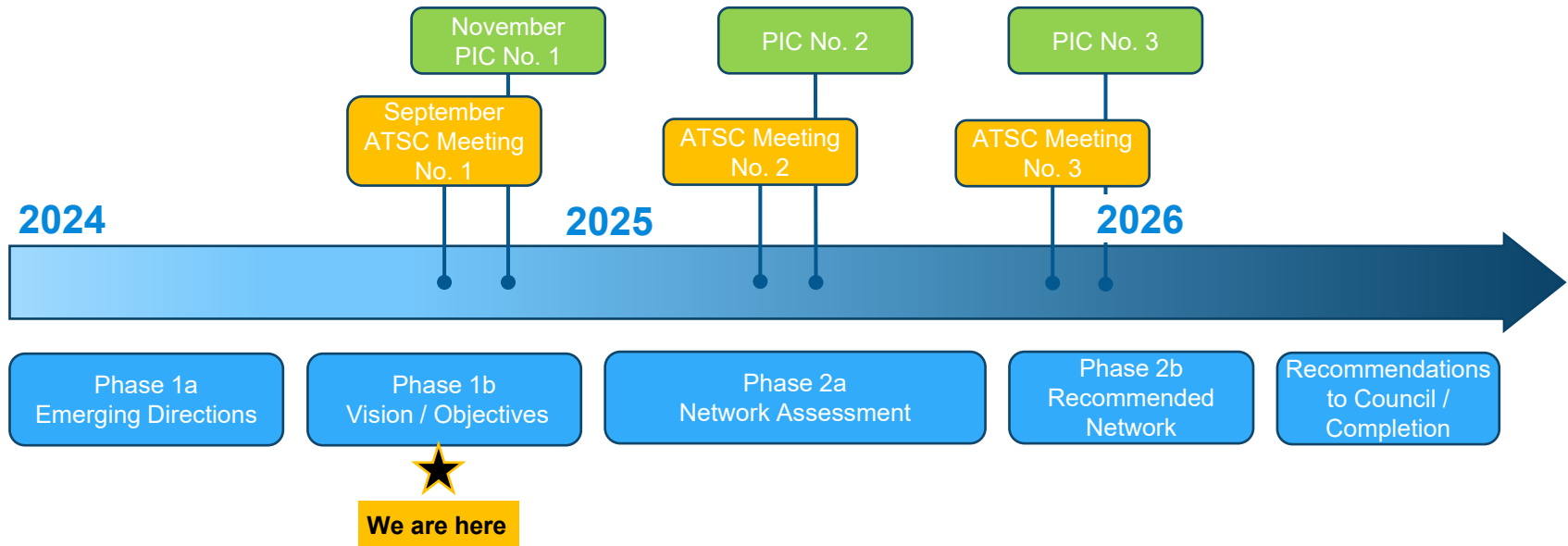
Land Use & Employment

- Lack of central business district(s) or concentrated employment areas (dispersed employment) coupled with dispersed residential areas favour single passenger auto trips.

Fiscal Sustainability

- Construction costs have significantly outpaced CPI inflation resulting in significant cost growth for transportation projects.

Project Schedule & Public Engagement Events



Discussion