

# 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<sub>a</sub>** **Emerging Directions**  
(complete)  
Jurisdictional and best practices scan to establish emerging directions and guide TMP development

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

**2<sub>a</sub>** **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<sub>b</sub>** **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.

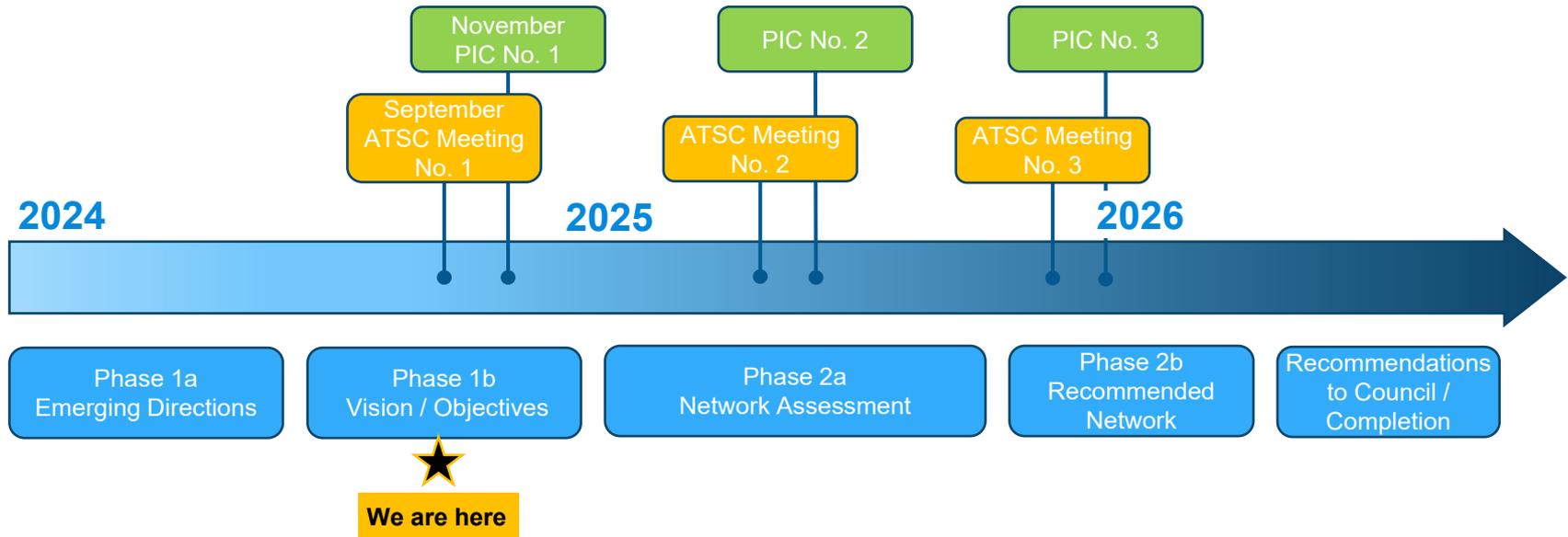
## Land Use & Employment

- 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