

# Executive Summary

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## Background

The Long Range Transportation Plan (LRTP) is a five-year plan based on a 2041 horizon that guides transportation planning needs in the Region of Peel. The Plan serves as the basis for infrastructure programming and capital budgeting needs and is an input into the Development Charges By-law Update. The intent of the LRTP is to address the increasing demands on the Region of Peel's transportation network from the population and employment growth forecasted in the Growth Plan for the Greater Golden Horseshoe, 2017.

This LRTP follows the Municipal Class Environmental Assessment (MCEA) Process for Transportation Master Plans and is reviewed and updated every five years based on changes in the transportation and land use planning landscape, trends driving change, and updates to legislation.

## The Region of Peel is Growing (Problem Statement)

The Long Range Transportation Plan is both guided by and intended to contribute to the achievement of the Region of Peel's Strategic Plan vision, *Community for Life*. As part of developing the Region of Peel's Strategic Plan, a community engagement survey identified traffic congestion as the number one Top of Mind issue for Region of Peel residents, followed by managing growth<sup>1</sup>.

The Region of Peel's population is expected to grow by about 500,000 additional people and about 250,000 additional jobs. By 2041, these numbers will total about 2 million and 970,000 respectively<sup>2</sup>. If current travel trends continue, traffic congestion is expected to increase by 45%, translating to an additional 190,000 vehicle trips within the Region of Peel in the weekday morning peak period<sup>3</sup>. This will have significant impacts on the transportation network, resulting in increased travel times and congestion.

## The Region of Peel's Growth Management Strategy

The Long Range Transportation Plan is one component of the Region of Peel's Growth Management Strategy, a collaborative approach to planning and managing the forecasted growth into 2041. This integrative approach coordinates Official Plan policies, water and wastewater, housing, planning and servicing, transportation planning, and financial policies to efficiently plan for and manage growth.

## Alternatives to Addressing Growth

To address this growth and foreseeable increase in travel demand, the Long Range Transportation Plan identified four alternatives through technical analysis and consultation. They include:

1. Do Nothing;
2. Road Improvements Only – invest in widening existing roadways and construct new roads;
3. Sustainable Modes Only – invest in walking and cycling infrastructure; and
4. Combination – Invest in a combination of planned road improvements and active transportation infrastructure to achieve a 50% sustainable mode share.

## The Preferred Alternative

The four alternatives were evaluated against five categories, which include transportation, economic natural, social and health, and cultural criteria. The results recommend the Combination as the preferred alternative.

Summary Evaluation Matrix

Category	Alternatives			
	Do Nothing	Road Improvements Only	Sustainable Transportation Modes Only	Combination
Transportation				
Economic				
Natural Environment				
Social and Health				
Cultural Environment				
OVERALL	 Least Preferred	 Somewhat Preferred	 Somewhat Preferred	 Most Preferred
RECOMMENDATION				Recommended Alternative

The Combination alternative is comprised of both planned road improvement and achievement of the 50% sustainable mode share. The approach includes the proposed Greater Toronto Area West Corridor, road modifications on arterial roads, planned road improvements based on capital plans, master plans, and Provincial plans, and sustainable and active transportation infrastructure. An analysis of this alternative shows that the current level of service can be maintained on the future transportation network through fiscally responsible infrastructure investments.

## Shifting to Sustainable Modes of Transportation

Achieving the 50% sustainable mode share target will be a joint effort between the Region of Peel and the three local municipalities. This target is an average of the sustainable mode share targets identified for each local municipality, which were developed in consultation with local municipal staff, technical and modelling analysis, and best practices research. The sustainable mode share targets for each local municipality are:

Local Municipality	2011 Sustainable Mode Share	2041 Sustainable Mode Share Target
City of Brampton	37%	48%
Town of Caledon	29%	32%
City of Mississauga	38%	55%

To successfully achieve a 50% sustainable mode share by 2041, the Region of Peel will build on the success of current carpooling, active transportation and transit use in the Region. Increasing the sustainable mode share in the Region leads to a safer and more efficient road system, resulting in improvements to both vehicular and safe mobility. To achieve these objectives and implement supporting strategies, three guiding focus areas and corresponding component strategies were developed for the LRTP based on foundational regional and Provincial policies, public consultation and conditions unique to the Region of Peel:

Transportation Focus Area	Objective	Component Study
<b>Sustainable Mobility</b>	The Region of Peel will strive to create a transportation system that provides its residents with a variety of travel options and promote sustainable modes.	Sustainable Transportation Strategy
<b>Safe Mobility</b>	The Region of Peel will create safer roads for pedestrians, cyclists, and vehicle operators to reduce the number of fatal and serious injury collisions.	Vision Zero Road Safety Strategic Plan
<b>Vehicular Mobility and Goods Movement</b>	The Region of Peel will continue to improve vehicular flow (through innovative forms of traffic management, maintenance, and strategic road and highway infrastructure projects).	Goods Movement Strategic Plan

## Implementation

The Long Range Transportation Plan establishes a five-pronged approach to implementation of the 50% sustainable mode share and associated transportation planning strategies to manage growth. They are:

**Execution of Component Studies:** Three guiding transportation focus areas were developed for the LRTP intended to:

1. Prioritize sustainable transportation measures as the key solution to addressing long-term transportation challenges;
2. Ensure the safety of all road users through a 10% reduction in injuries and fatalities; and,
3. Optimize the existing transportation capacity.

The focus areas bring together the key transportation component studies: the Sustainable Transportation Strategy, Vision Zero Road Safety Strategic Plan, and the Goods Movement Strategic Plan. Each of the component studies include a series of action plans intended to achieve the LRTP's objective and the Region of Peel's vision of a *Community for Life*.

**Road Network Improvements and Active Transportation Infrastructure:** The LRTP recommends a combination of road improvements and AT infrastructure, intended to facilitate the Region of Peel's journey towards the 50% sustainable mode share target.

**Transportation Regional Official Plan Policy Amendment:** The key themes and principles identified in the LRTP will be translated into policies to be included in the Region of Peel's Official Plan.

**Advocacy:** Advocacy for Provincial investment in key highway and transit initiatives would bolster the Region of Peel's ability to achieve the 50% sustainable mode share target.

**Securing Funding:** The Region of Peel will be securing funding to support the implementation of the component studies and infrastructure improvements in a way that is responsible and financially sustainable.

## Conclusion

The 2019 LRTP is an update to the 2012 LRTP, focusing on transportation infrastructure needs to service population and employment growth to 2041. The overarching goal of the LRTP is to establish a transportation network system in Peel where 50% of travel is through sustainable modes, such as walking, cycling, transit, and carpooling by 2041. The Long Range Transportation Plan unifies the three component studies – Sustainable Transportation Strategy, Road Safety Strategic Plan, and the Goods Movement Strategic Plan – to make Peel a place for everyone. In doing so, Peel will remain an attractive destination — for every type of person, at every stage of life, to live in, work in or visit – a *Community for Life*.