

# Region of Peel – Transportation for Today and Tomorrow

greener, healthier, safer, faster



# Presentation Overview

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1. Growth Management
2. LRTP Overview
  1. Sustainable Transportation Strategy (STS)
  2. Goods Movement Strategic Plan (GMSP)
  3. Transportation Safety Strategy & Operational Plan (TSSOP)

# 10 Top Of Mind Issues In Peel Region

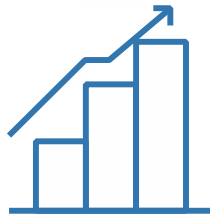
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1



Traffic Congestion

2



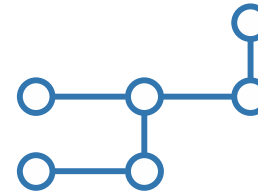
Managing the  
Region's Growth

3



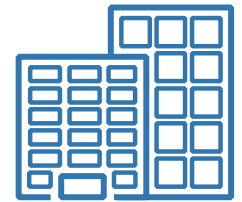
Opportunities to  
Both Live and  
Work in Peel

4



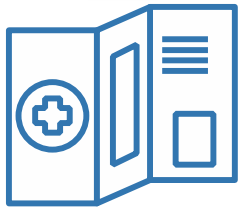
Link Transportation  
and Access Networks

5



Attracting  
and Retaining  
Businesses

6



Health Programs  
That Cover Our Life  
Span From Infancy  
to old Age

7



Employment and  
Entrepreneurship

8



Active Lifestyles  
and Habits

9



Mental Health  
and Its Impacts

10



Community  
Safety and Crime  
Prevention

# Transportation Trends at a Glance

2015



Population  
in GTA  
(100,000s)

Peel 1.39Million

GTHA 7 Million

2031



Peel 1.77Million

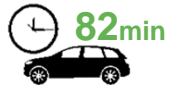
GTHA 9 Million

2041

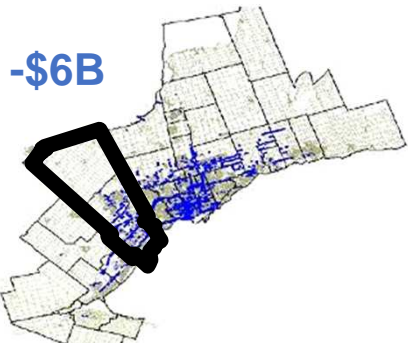


Peel 1.97Million

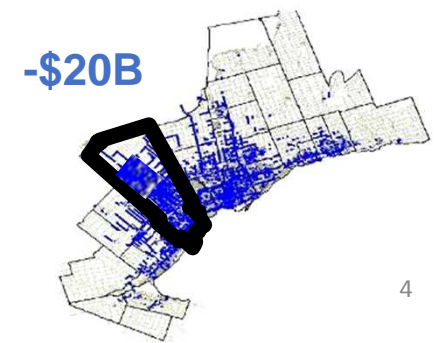
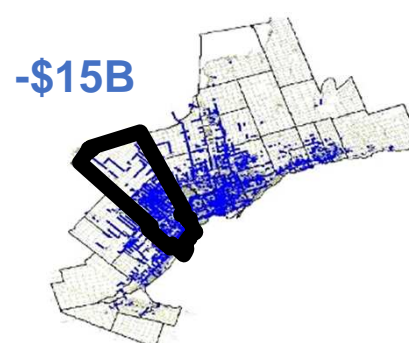
GTHA 10 Million



Average  
Commute  
Time



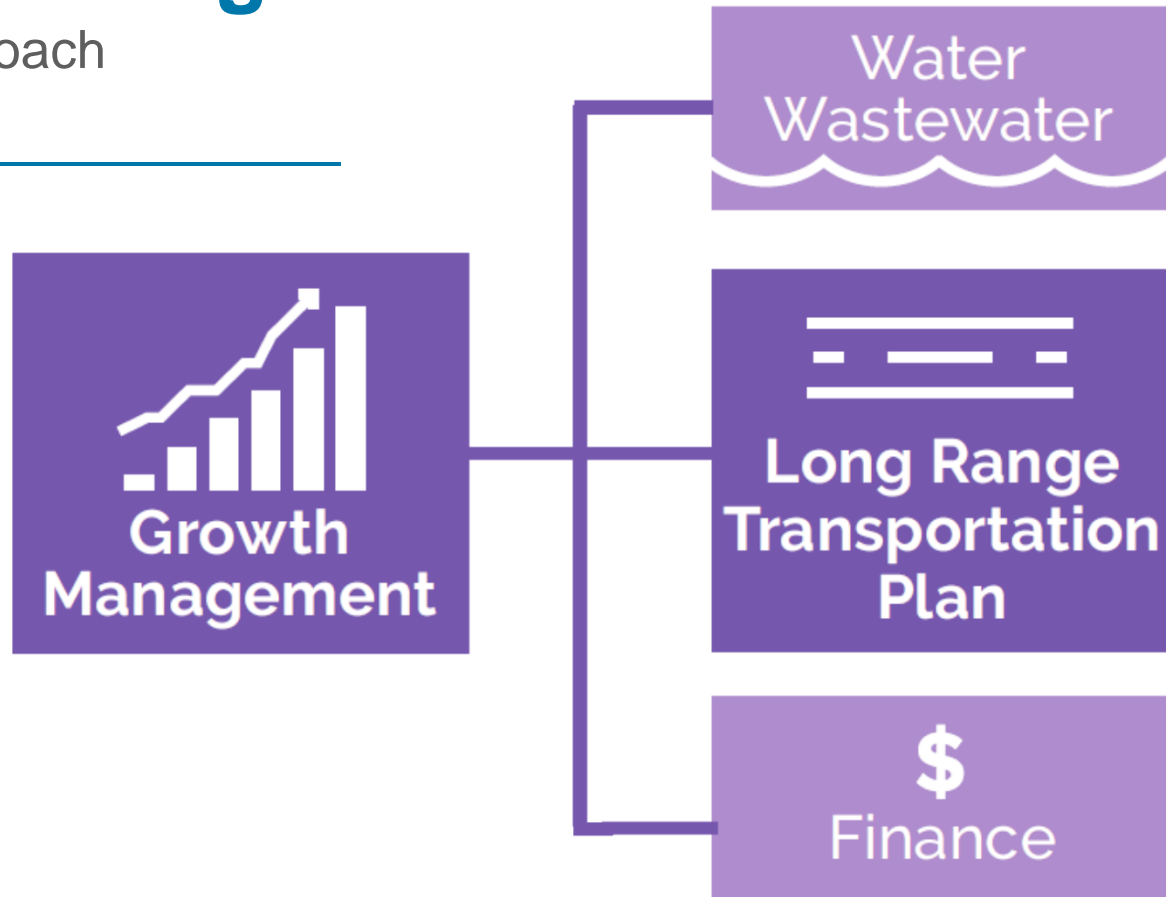
Traffic  
Congestion  
Level



# Growth Management

The New Approach

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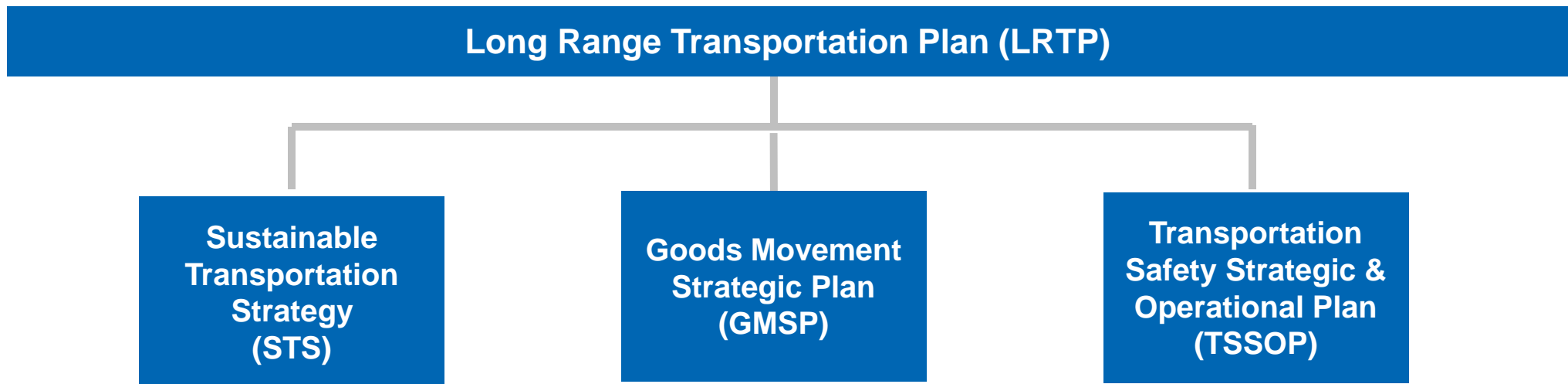


## **L RTP - The Vision**

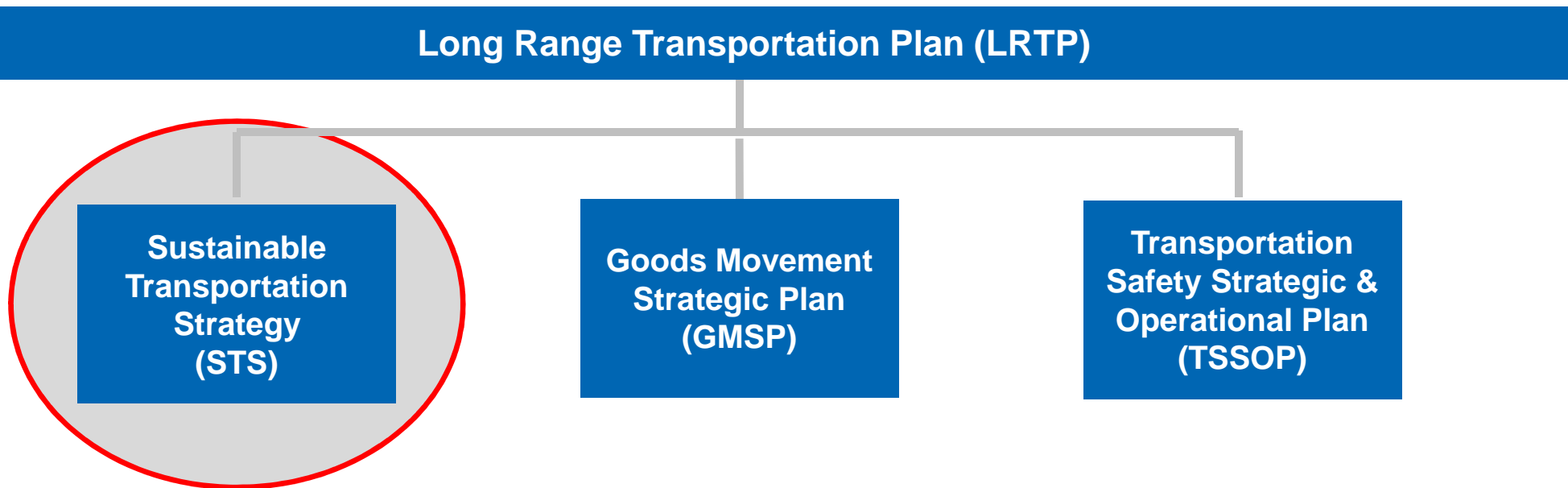
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Peel Region will have a sustainable, efficient, integrated, and safe transportation system that supports healthy communities, a vibrant economy, and viable mobility choices for people of all ages and abilities.

# L RTP & Relationship with other Strategic Plans



# L RTP & Relationship with other strategic plans

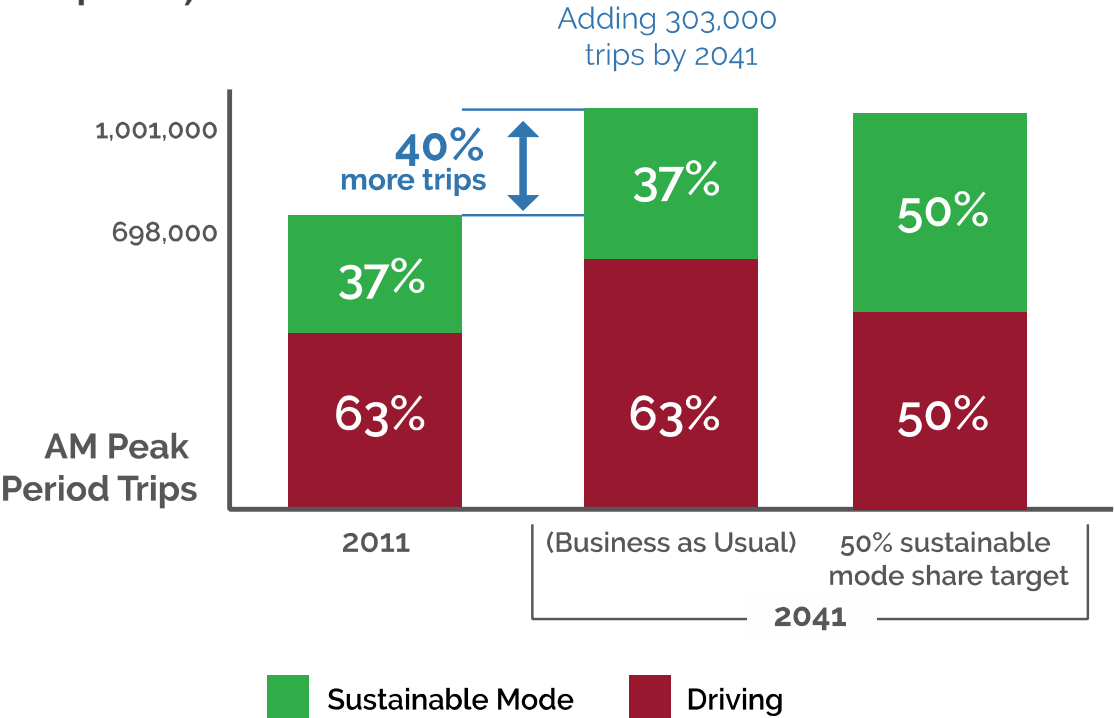




# Sustainable Transportation Strategy (STS)

Need for sustainable solutions

Peel Active and Sustainable Mode Share by  
Number of Trips (AM peak period)



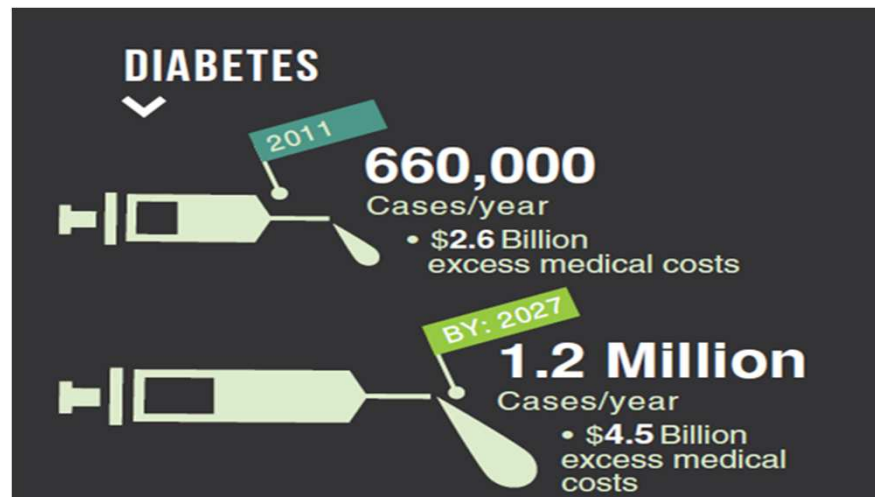
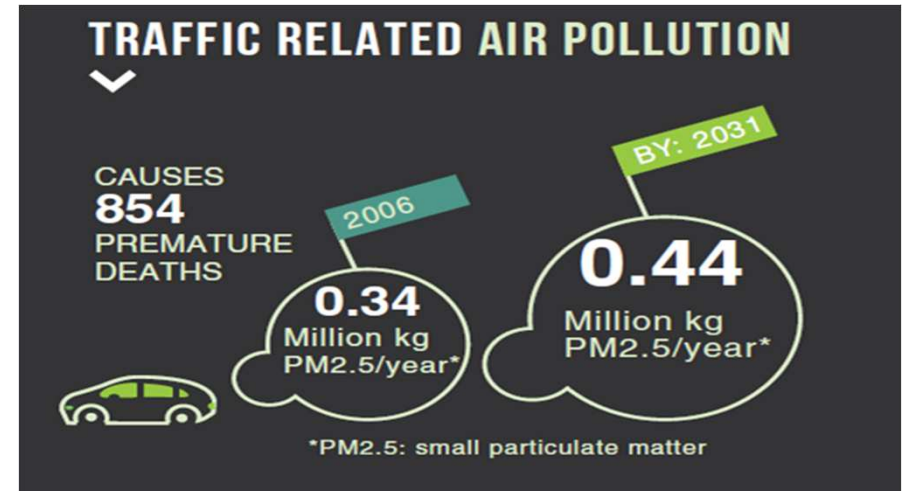
# Healthy urban design is also....

- Environmentally sustainable design
- Youth-friendly design
- Age-friendly design
- Transit-oriented design



The transportation design highlights the importance of compact, walkable streetscapes and “complete communities”

# Public Health Considerations



Source: Improving Health by Design in the GTHA, May 2014


# Preventive Power of Walking and Cycling



## Walking

- ↓ - Risk of death by 22% (29min/day \* 7 days/week)
- Risk of diabetes by 30% (2.5 hours/week)

## Cycling





- 
- ↓ - Risk of death by 28% (3 hours/week \* 36 weeks/year)

# Sustainable Transportation Strategy

Need for sustainable solutions

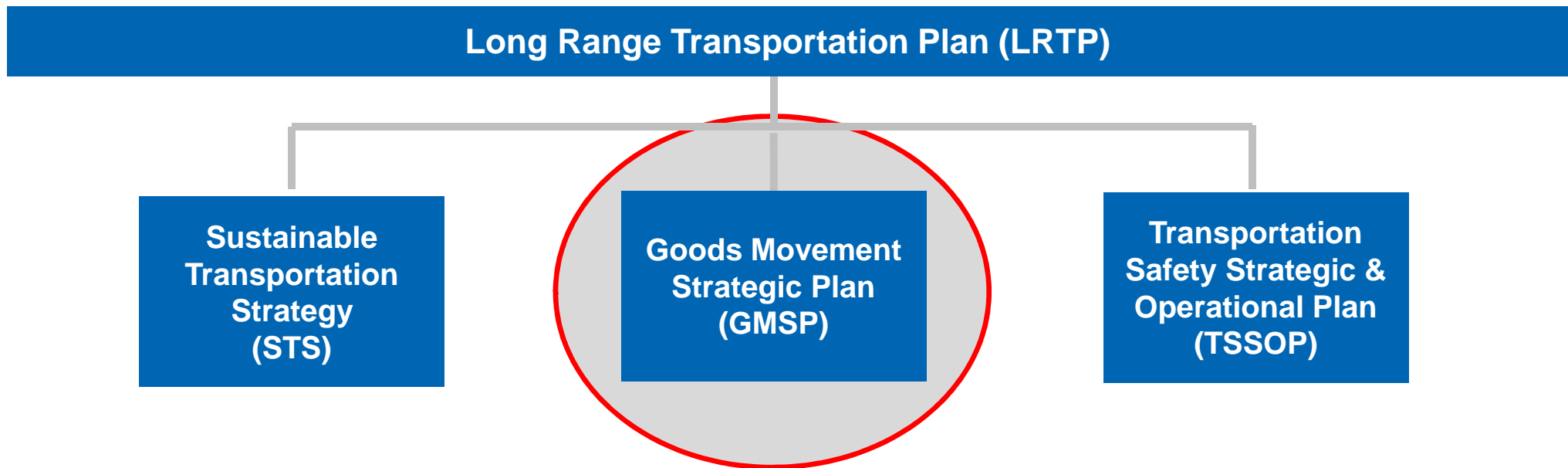
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- 50+ recommendations and actions:

- Pedestrian improvement areas 
- Regional cycling network 
- Fix-it list: Improvements made to existing AT facilities 
- Intersection Upgrades: Improvements made to intersections with AT facilities 



# L RTP & Relationship with other strategic plans



# Goods Movement Strategic Plan

Facilitating Goods movement



**Approximately  
2 of 5 businesses are involved in a  
goods movement sector**

Peel Region has the highest share of goods movement establishments across all the municipalities



**Toronto Pearson International  
Airport handles more air cargo  
than the Vancouver and Montreal  
airports combined**



# Goods Movement Strategic Plan

Facilitating Goods movement

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**\$1.8 Billion of goods move through Peel everyday**



**There are 2,000 trucking companies in Peel**



**4 out of 9 jobs in Peel are in goods movement-dependent industries**





# Goods Movement Strategic Plan

## Action Items

	2017	2018	2019	2020	2021
New Action Item	<ul style="list-style-type: none"> <li>Off-Peak Delivery Pilot</li> <li>Expand LCV Use</li> </ul>	<ul style="list-style-type: none"> <li>E-commerce Strategy</li> <li>Fuel Efficiency Strategies</li> <li>Mainstream Freight Education</li> </ul>	<ul style="list-style-type: none"> <li>Aggregates Plan</li> <li>Local Freight Fluidity</li> </ul>	<ul style="list-style-type: none"> <li>Goods Movement &amp; Logistics Planning Coordination</li> </ul>	<ul style="list-style-type: none"> <li>CAV Corridor Pilot</li> </ul>
Ongoing Action Items	<ul style="list-style-type: none"> <li>Improve and Monitor Goods Movement Infrastructure</li> <li>Implement Smart Freight Centre</li> </ul>	<ul style="list-style-type: none"> <li>Review and Update SGMN</li> <li>Improve Regional Freight Data</li> </ul>	<ul style="list-style-type: none"> <li>Implement Intelligent Traffic Systems Strategic Plan for Goods Movement</li> </ul>	<ul style="list-style-type: none"> <li>Continue the Peel Goods Movement Task Force and Coordinate Goods Movement Planning and Funding</li> </ul>	<ul style="list-style-type: none"> <li>Develop Truck-Friendly Lane Feasibility Study and Pilot Project</li> </ul>



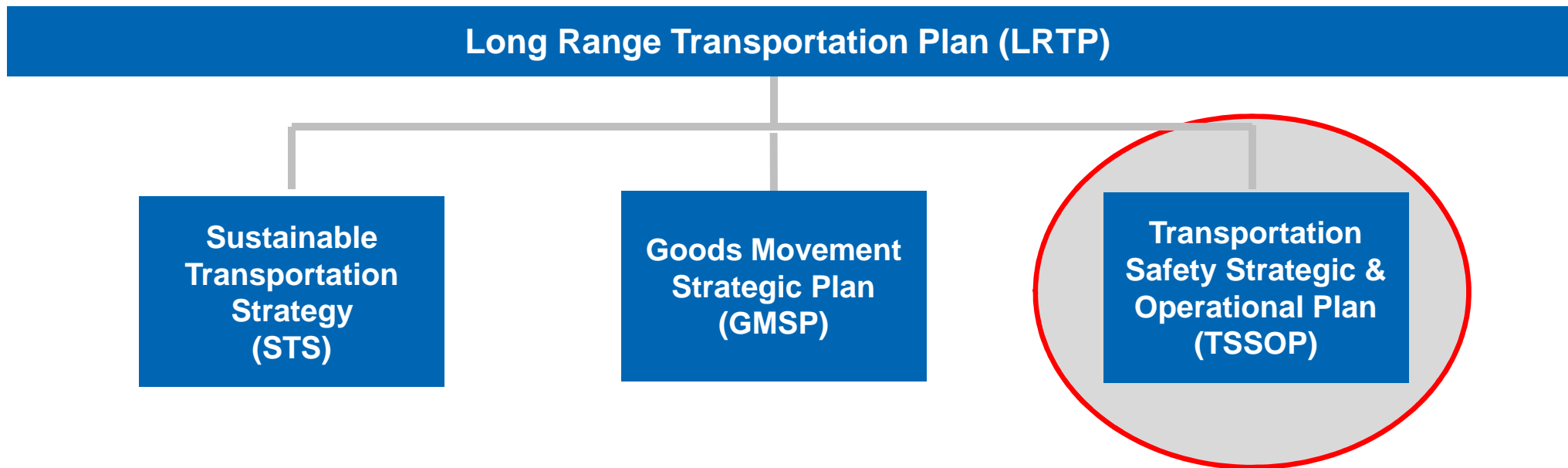
# Goods Movement

## One Action Item: **Freight Village**

- A Freight Village is an intermodal transfer point located near several modes: road, rail, water, and air
- Acts to consolidate freight transfer locations and promote economies of scale and value-add communal services through freight transfer clustering
- Example: Freight Village at Chicago, IL. Dozens of companies involved and seen as a success



# L RTP & Relationship with other Strategic Plans



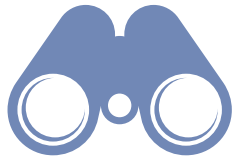
# TSSOP – Road Safety Plan

## Vision Zero

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Originated in Sweden in 1997 and passed into law at the federal level

Vision Zero: **“No loss of life is acceptable”**



**VISION:** Zero fatality and injury collisions for all road users.



**GOAL:** 10% reduction in fatal and injury collisions by 2022.

# TSSOP – Road Safety Plan

Key themes

## Emphasis Areas



Intersections



Aggressive Driving



Distracted Driving



Impaired Driving



Pedestrians



Cyclists

## Road Safety Strategic Plan

## Awareness Areas



Trucks



School-areas



# TSSOP – Road Safety Plan

## Implementation Measures

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**Speed Cushions**



**Actuated Advance  
Warning Beacons**



**Red Light Camera**



**Pavement Markings**



**Radar Speed Trailer**

# Key Drivers

1. **Network improvements** are key to supporting expected growth in travel demand. However, we cannot build our way out of congestion.
2. An aggressive and consistent effort to encourage **transit** and implement **Transportation Demand Management** (TDM) initiatives can go a long way in meeting future needs.



# Key Drivers

3. Congestion is the number 1 problem faced by the goods movement industry in Peel.
4. Effective **integration of land use and transportation** is key in order to manage transportation demand.
5. **Partnerships** are key in delivering Peel's Long Range Transportation Plan.





*Thank You!*

