

Off-Peak Delivery Pilot

The Region's Role

Sabrina Khan,
Principal Planner
Region of Peel



What is Off-Peak Delivery?

Off-peak delivery (OPD) refers to the delivery of goods during the evening and overnight hours



Peel Off-Peak Delivery Pilot

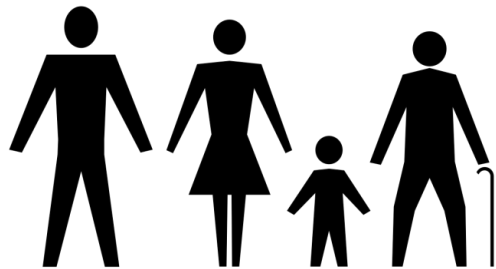
7 PM – 7 AM



Motivation behind the OPD Pilot



Stats Today



1.5M people

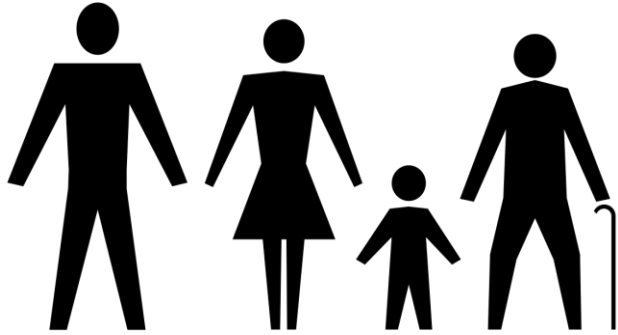


720K jobs



1,666
Lane-KMs

By 2041



2.0M people
(additional 0.5M)



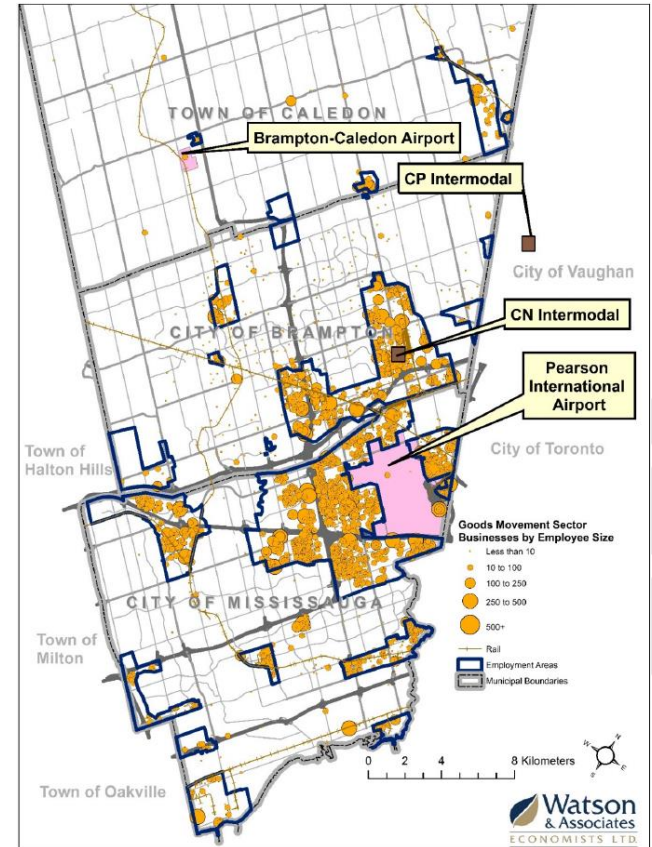
970K jobs
(additional 250K)



No significant
additions to
Lane-KMs

Goods Movement in Peel

- Peel is one of Canada's most important freight hubs and a major attractor of goods movement-related businesses
- Peel is home to:
 - Toronto Pearson International Airport
 - Seven 400-series highways
 - CN intermodal facility and in close proximity to CP Vaughan
 - 9,400 goods movement-related businesses



Peel Goods Movement Stats

- Truck Traffic represents **15 to 20%** of all trips on Regional Roads
- Approximately **\$1.8 billion** worth of goods move to/from/through Peel every day
- Goods movement related industries account for **43%** of jobs in Peel Region
- In 2012, about **36%** of truck trips in Ontario used the **Region's road network**



Queen St @ Hwy 50



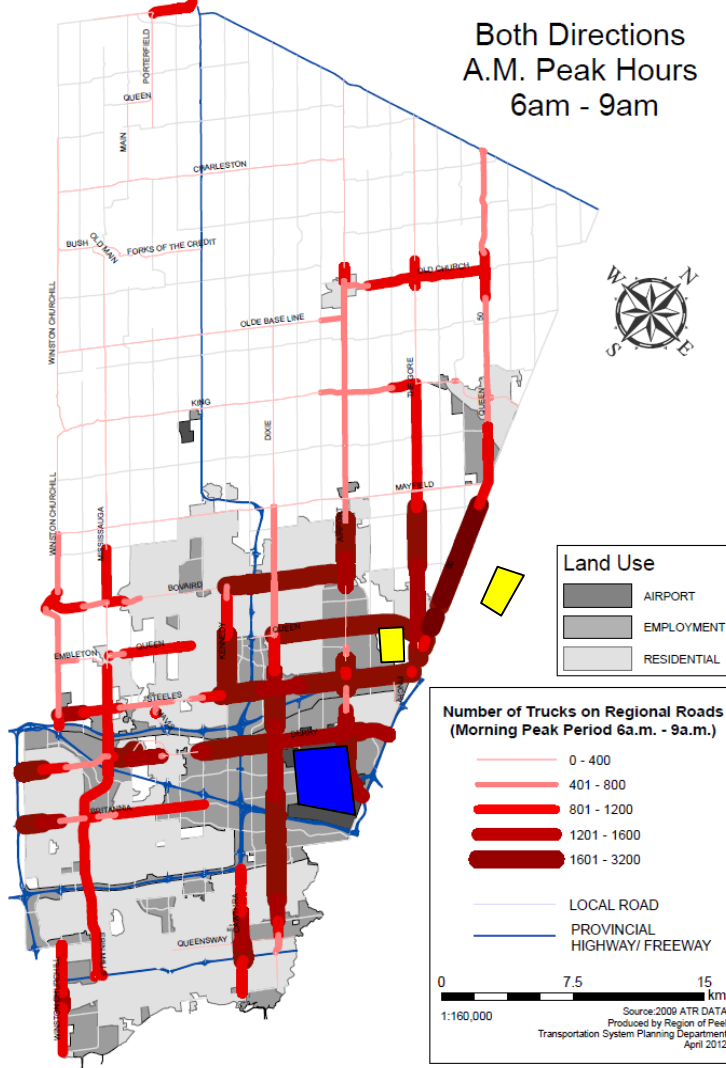
Dixie Rd @ Steeles Ave



Airport Rd @ Derry Rd



Both Directions
A.M. Peak Hours
6am - 9am



CP Intermodal Terminal



CN Intermodal Terminal



Toronto Pearson Airport



*Source: Peel's Traffic Count Program

Significance of Goods Movement



If current trends continue, trips are
expected to increase **45%** by 2041



We have a bold Vision and Mission...

Community for Life

Working with you to create a healthy,
safe and connected community

Living

People's lives are
improved in their
time of need

Thriving

Communities are
integrated,
safe and complete

Leading

Government is
future-oriented
and accountable

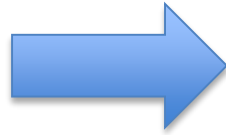


Peel Region

GOODS MOVEMENT

Strategic Plan 2017-2021

March 2017



Strategic Direction: Network Improvements

3

Action Item

Increase Capacity with Convenient and Feasible Off-Peak Deliveries

Desired Outcome

Improving travel time by shifting peak deliveries to off-peak, where feasible.

Steps to Launching the OPD Pilot

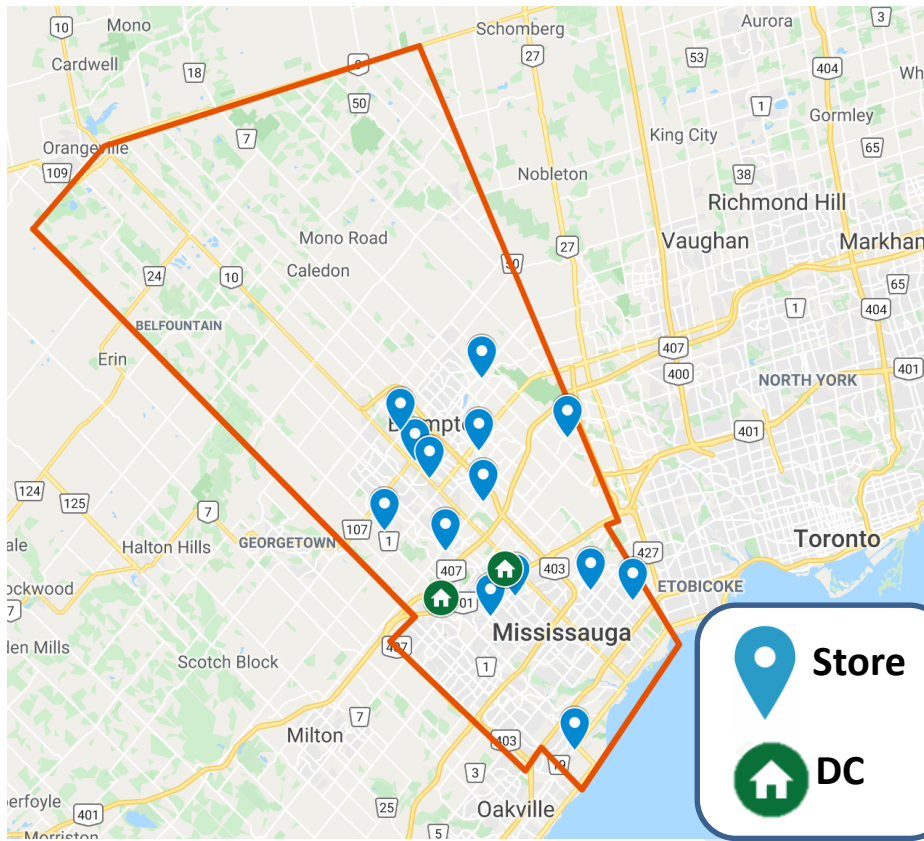


Pilot Description

Participating stores:

14 Stores

- 2 distribution centers in Region of Peel
- One distribution center in Cambridge, ON
- One distribution center in London, ON



Funding and In-Kind Contributions



Peel Region

GOODS MOVEMENT

Thank you. Feel free to get in touch:

Sabrina Khan, P.Eng.

sabrina.khan@peelregion.ca

905-791-7800, ext. 8354