

Summary of the Peel Goods Movement Strategic Plan Action Items

Action Item #1: Goods Movement and Logistics Planning (Complete)

- The purpose of this project is to facilitate planning to integrate and support the goods movement sector in the Region of Peel;
- Land use in Peel Region impacts and is impacted by goods movement. Current infrastructure and financial considerations in the Region make certain lands attractive to freight development. This creates a need to develop coordinated freight and logistics planning.
- Regional staff has completed an analysis of the concept of a Peel Enterprise Zone which involved identifying employment land needs related to goods movement, conducting goods movement intensification and site selection analysis, capital servicing costs, the governance structure, and the fiscal and economic impacts.

Action Item #2: Foster Industry Innovation Through a Connected and Autonomous Vehicle Corridor Pilot Project (On Hold)

- This project is currently on hold.

Action Item #3: Increase Capacity with Convenient and Feasible Off-Peak Deliveries (Completed)

- Off-peak delivery (OPD) is a strategy to alleviate congestion during peak periods, and to increase utilization of existing infrastructure capacity.
- A six-month pilot in partnership with Loblaws, LCBO, and Walmart Canada was completed in August 2019.
- The results from the Region's six-month pilot helped to establish off peak delivery as a permanent program in the Province.
- Currently there is a two-year off-peak delivery pilot being undertaken in partnership with the Region of Peel, City of Toronto, and York Region.

Action Item #4: Adapt to Advancements in the E-Commerce Shift (Completed)

- McMaster University has completed a Peel specific E-Commerce survey. The survey included questions about the pre-pandemic and pandemic related online shopping, which will provide information relating to people's behavior change before and during the public health emergency;
- McMaster is currently working on the second phase of this project with staff from the Cities of Mississauga and Brampton to obtain data to calibrate a model they have created to estimate goods movement traffic on minor (i.e. local/residential) roads in the Region of Peel;
- McMaster is developing tools to visualize traffic data provided by Transport Canada to better understand the movement of people and goods in the Region of Peel.

Appendix I

Peel Goods Movement Update

Action Item #5: Expand and Encourage the Use of Long Combination Vehicles (Completed)

- The purpose of this action item was to expand and encourage the usage of long combination vehicles (LCVs) in Peel Region to bring about fuel savings (and corresponding greenhouse gas emissions reductions) and improved safety.
- The Region of Peel's Long Combination Vehicle (LCV) Usage study has been completed. The study included best practices research, a comprehensive transportation planning analysis, and extensive stakeholder input from LCV carriers, local municipalities, and Ontario Ministry of Transportation (MTO);
- The study recommends potential future LCV routes as well as potential future LCV drop yard locations and intersection improvements.
- Staff will work towards implementing key action items recommended as part of the LCV Usage study over the short, medium, and long term.
- The final report on the Peel LCV Usage study is available here:
<https://peelregion.ca/pw/transportation/goodsmovement/pdf/lcv-usage-study-report.pdf>

Action Item #6: Understand and Manage Aggregate Movements and its Impact on Communities (Target Completion: 2021)

- The purpose of this action item is to understand the movement of aggregates in Peel and how this impacts the communities;
- By understanding the movement of aggregate resources, the Region can develop evidence based and actionable strategies that better supports both the industry and minimizes impacts on the local community;
- This project has been initiated in partnership with the Regional Planning and Growth Management Division and the Town of Caledon.

Action Item #7: Mainstream Goods Movement Through Education and Outreach (Completed)

- The purpose of this action item is to mainstream goods movement through various strategies including education and training through peer-to-peer programs such as the Smart Freight Centre, outreach, and promoting Peel Region as a goods movement hub;
- The Region of Peel participated in the pool funding project and led the development of the Transportation Association of Canada (TAC) project "Understanding Goods Movement: Trends and Best Practices", which is an educational textbook meant to inform transportation professionals on goods movement;
- The Region of Peel in partnership with the University of Toronto hosted "Freight Days" in the past few years to showcase various initiatives and projects related to goods movement. This initiative has now become part of the Smart Freight Centre Symposium, which will be conducted annually.

Action Item #8: Pursue Alternative Fuels and Fuel Efficiency Initiatives (Completed)

- The purpose of this action item is to raise awareness of alternative fuels and fuel-efficient commercial vehicles;
- The Toronto and Region Conservation Authority (TRCA) has conducted research on effective fuel efficiency and alternative fuel transportation strategies, initiatives and

Appendix I

Peel Goods Movement Update

technologies for the freight sector that are commercially viable, readily available and are being adopted or implemented in other municipalities;

- The TRCA study is being used to raise industry awareness of viable alternatives.

Action Item #9: Demonstrate and Advance Peel's National Role and Importance in Freight Fluidity (Target Completion: 2021)

- The freight activities in Peel have an impact on attracting businesses to the Region. Insufficient data impedes the development of full end-to-end fluidity measures which are necessary for in-depth analysis of supply chain performance;
- Partnering with Transport Canada and the Smart Freight Centre has allowed the Region to access data related to truck trip data specific to Peel;
- Work has been initiated to examine total logistics cost, travel time information, last mile delivery metrics, information on delay, and infrastructure utilization;
- This information will be used to identify network issues, to advocate for Peel infrastructure funding, and to propose policy changes that benefit all road users.