

TRUCK ROUTE SUB-COMMITTEE:
TRUCK ROUTE STUDY REVIEW
Terms of Reference and Study initiation
March, 2019

Truck Route Study

Strategic Plan Alignment:

Our Vision

To be the best place to raise a child and age successfully.

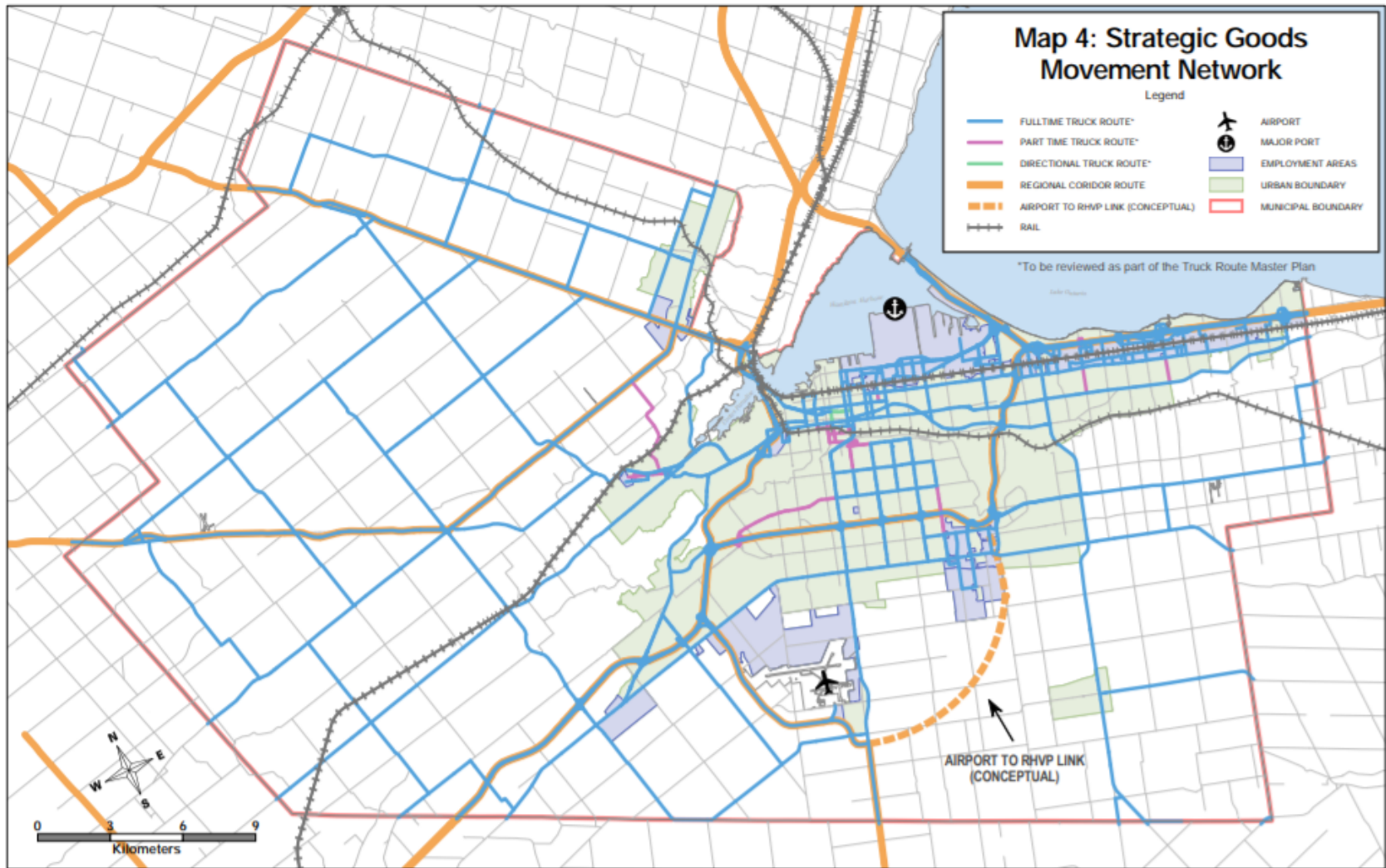
Council Approved, August, 2018 TMP:

Action #65

Undertake an integrated review and update of the 2010 Truck Route Master Plan and 2005 Goods Movement Study.



Truck Route Study Review



Truck Route Study Review



Truck Route Study Review

Goods Movement



Advanced Manufacturing



Agriculture / Food Processing



Creative / Cultural Industries



Finance / Insurance / Real Estate



Goods Movement



ICT / Digital Media



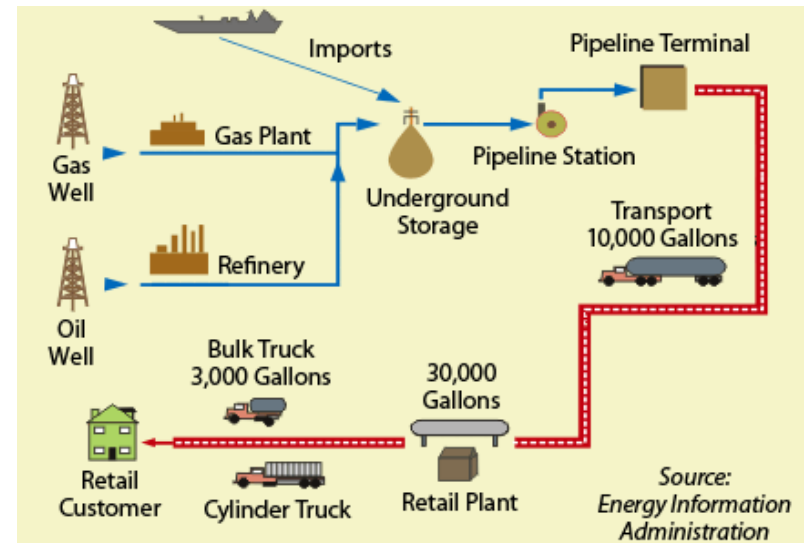
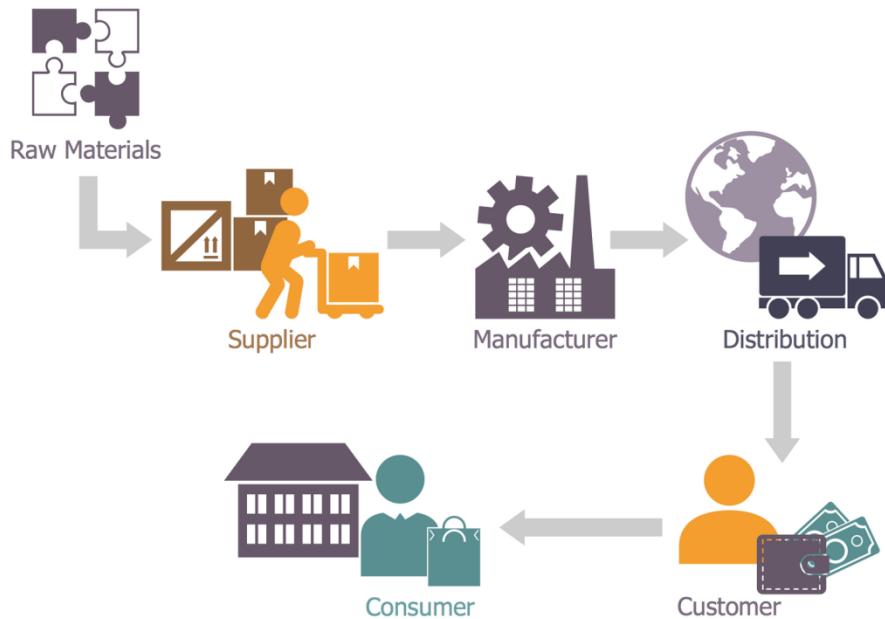
Life Sciences



Tourism

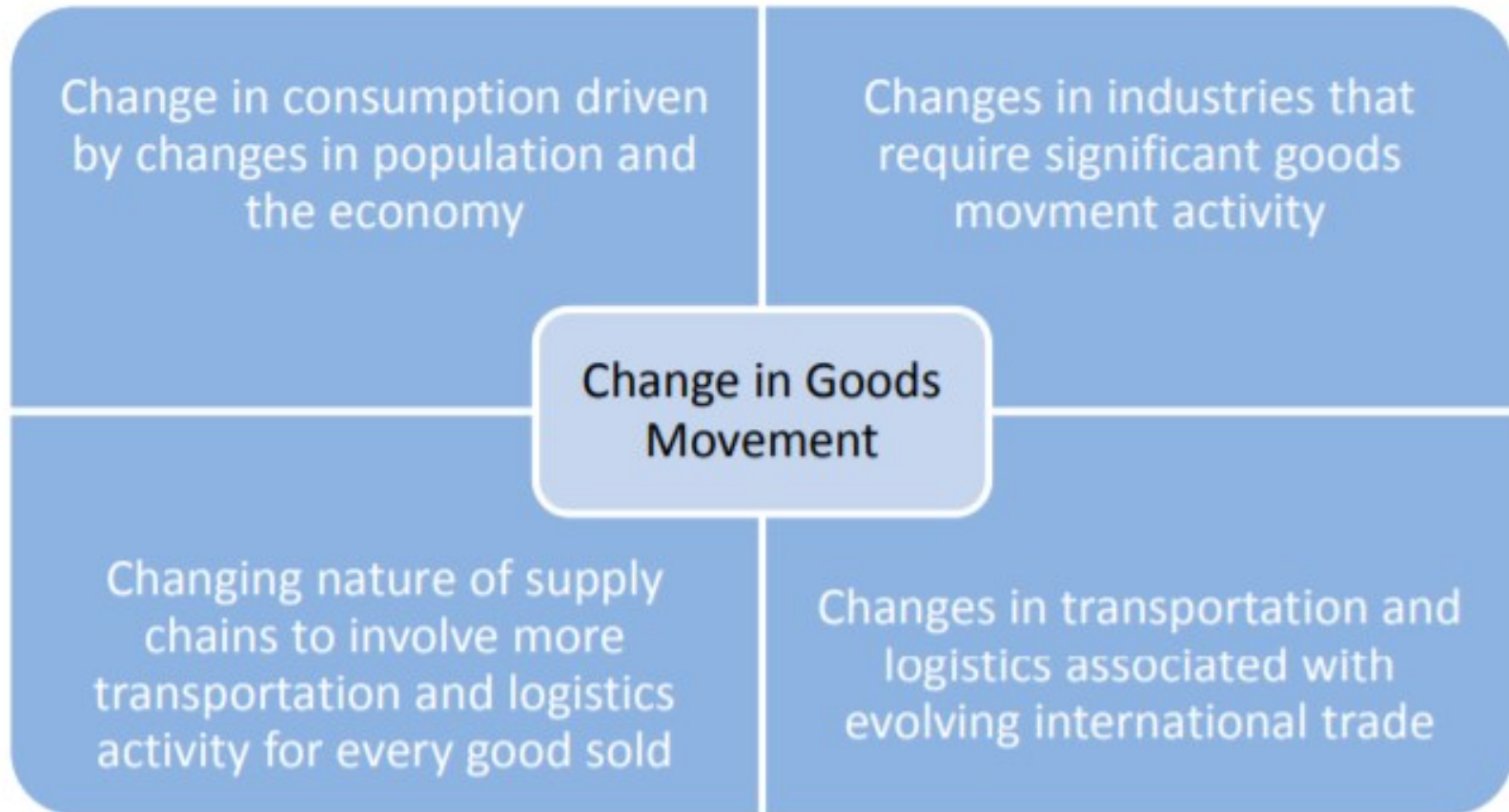
Truck Route Study Review

- Supply Chain and logistics
- First and last mile of goods movement



Truck Route Study Review

Figure 1-1: Key Drivers of Change in Goods Movement



Truck Route Study Review

Background:

The purpose of the Truck Route Network is to:

- Support safe and timely movement of goods and services
- Recognize and try to limit the impacts of truck traffic on the interests of the greater community such as safety, congestion, noise, and air quality
- Protect the City's road infrastructure that cannot bear heavy loads or roads where truck traffic would be unsuitable (e.g. narrow lanes, weight restrictions on bridges)

Permissive



Restrictive



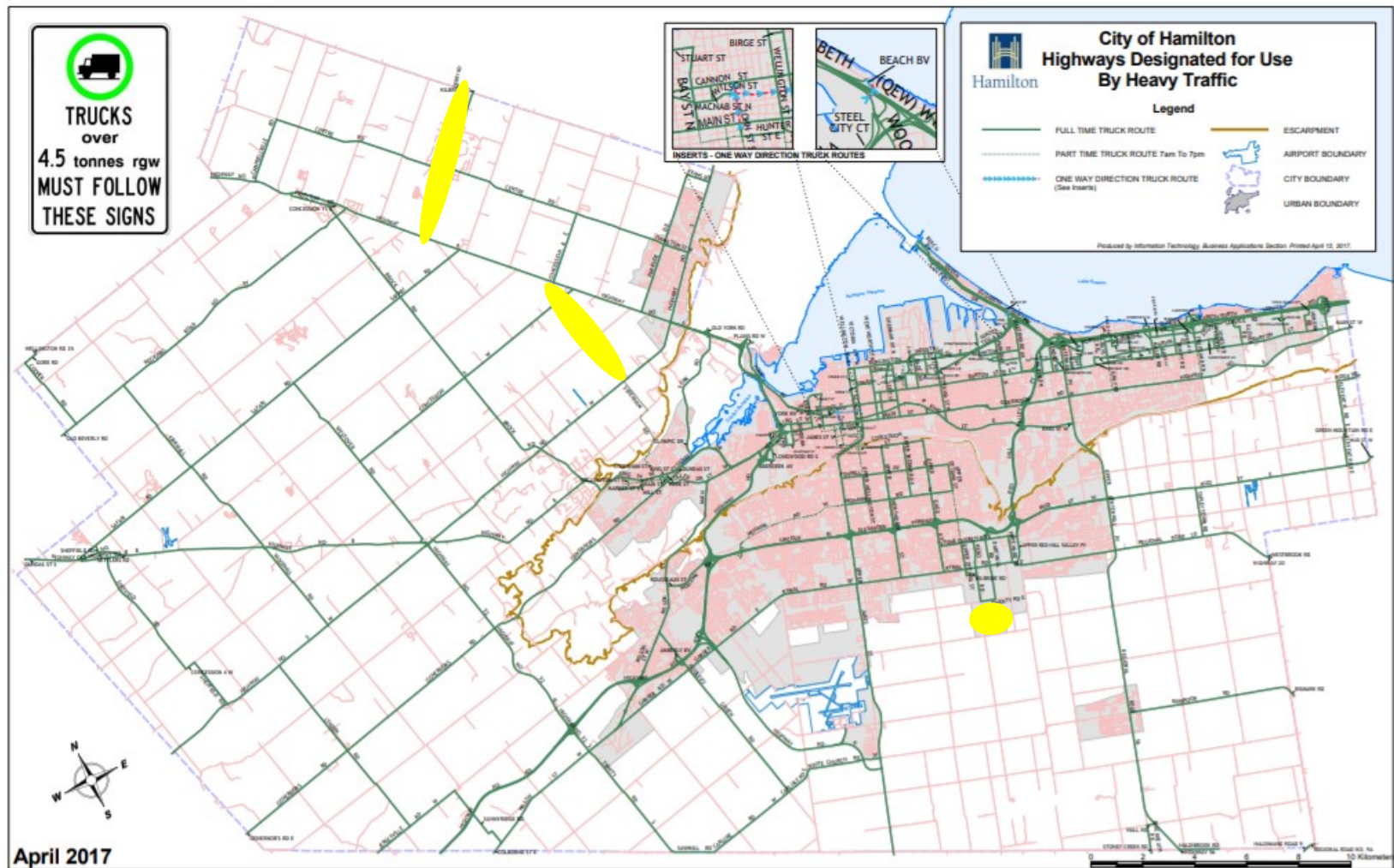
Truck Route Study Review

Issues:

- Implications for LRT
- Complete-Livable-Better Streets
- Route integrity/redundancy
- “Heavy” vs. “Other” Trucks
- Road Safety (Vision Zero)
- Community mitigation (e.g. driver behaviour)
- Emerging Technology
- Queuing (dwell times) on municipal roads
- Reliability of travel time
- Connectivity to Regional Networks
- Climate Change (reduced load roadways)
- Accommodate Farm Equipment
- Quarry Operations
- Soil
- Pinch Points (e.g. bridge clearances)
- Navigation (e.g. GPS)
- Environment (Air Quality/Noise)
- Enforcement
- Truck Platooning
- Long-Combination Vehicles
- Municipal Boundary Roads

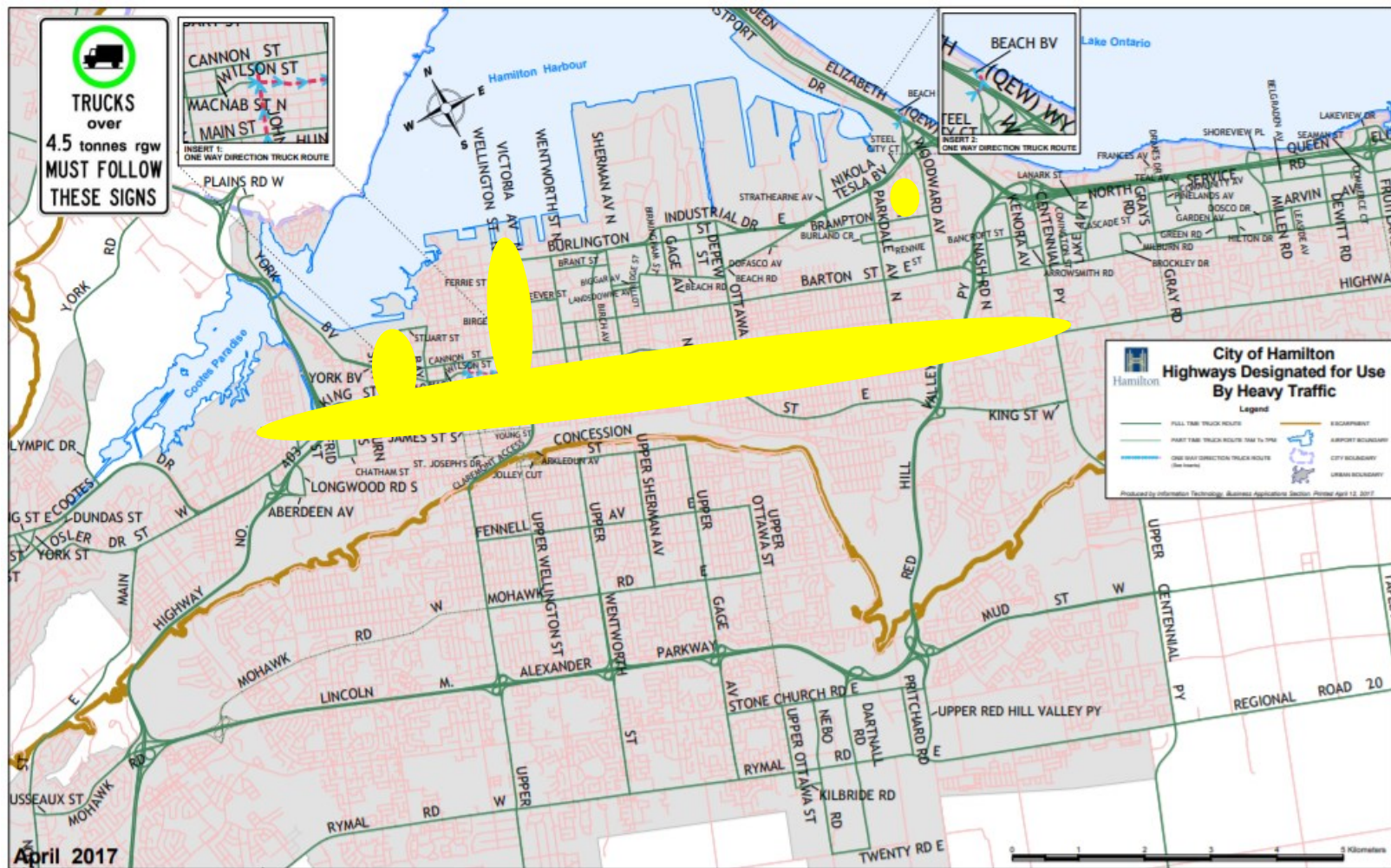
“Hot Spots”:

Truck Route Study Review

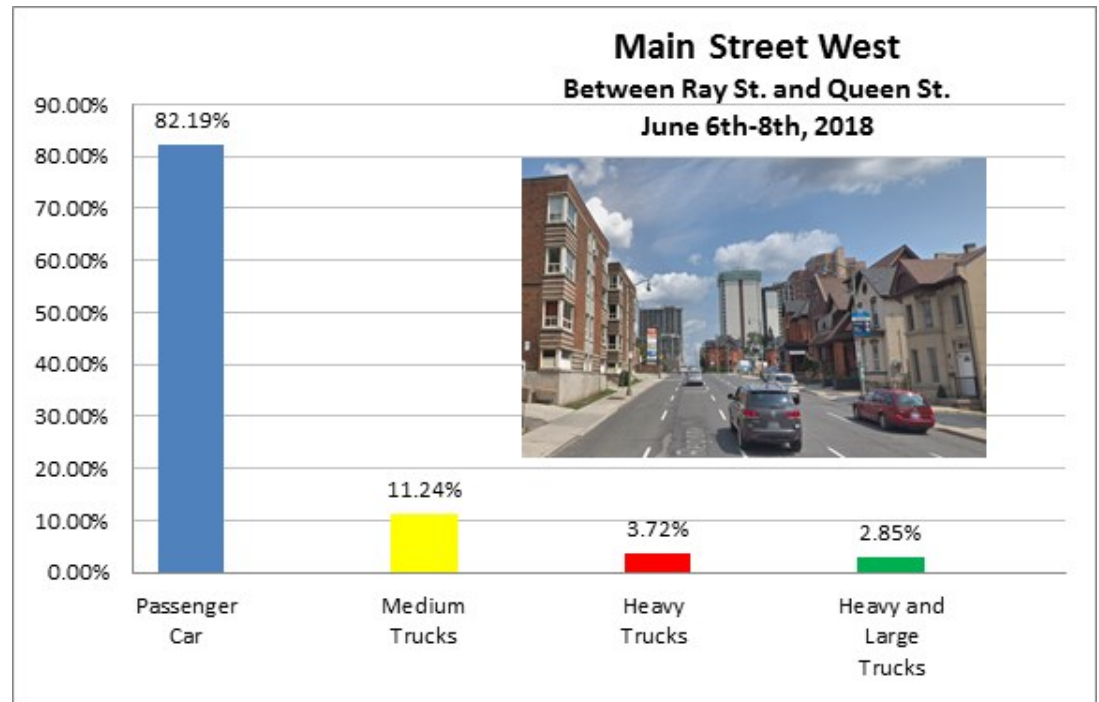
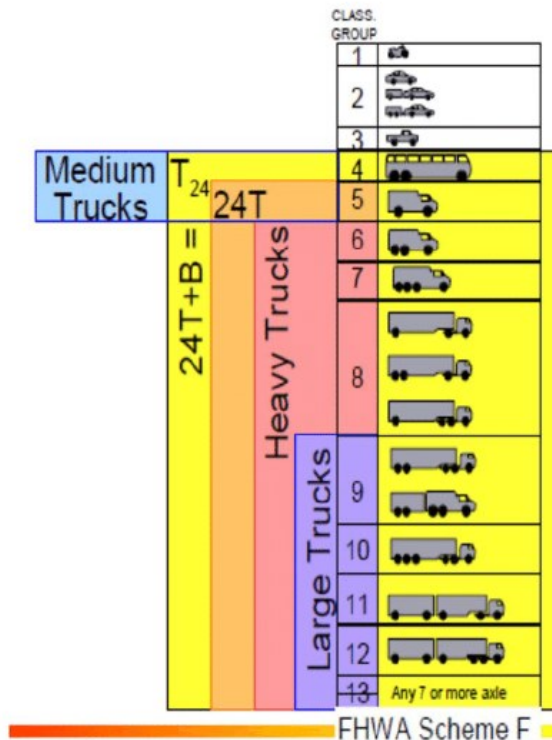


“Hot Spots”:

Truck Route Study Review



Truck Route Study Review



Truck Route Study Review

Issues:

Land Use
(Compatibility /
Sensitive Uses)



Truck Route Study Review

Issues:

Network Congestion
(alternative routes / route
redundancy and cut-through)



Photo credit: Hamilton Transportation Planning



Photo credit: Hamilton Spectator

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Issues:

Protection for over-sized loads



Photo credit: Toronto Star



Truck Route Study Review

Issues:

Emerging technology



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Walmart, J.B. Hunt, Loblaws, Meijer, Onboard with Preorders for Tesla's Electric Semi Trucks

<http://ontruck.org/uber-unveils-latest-autonomous-truck-design/>

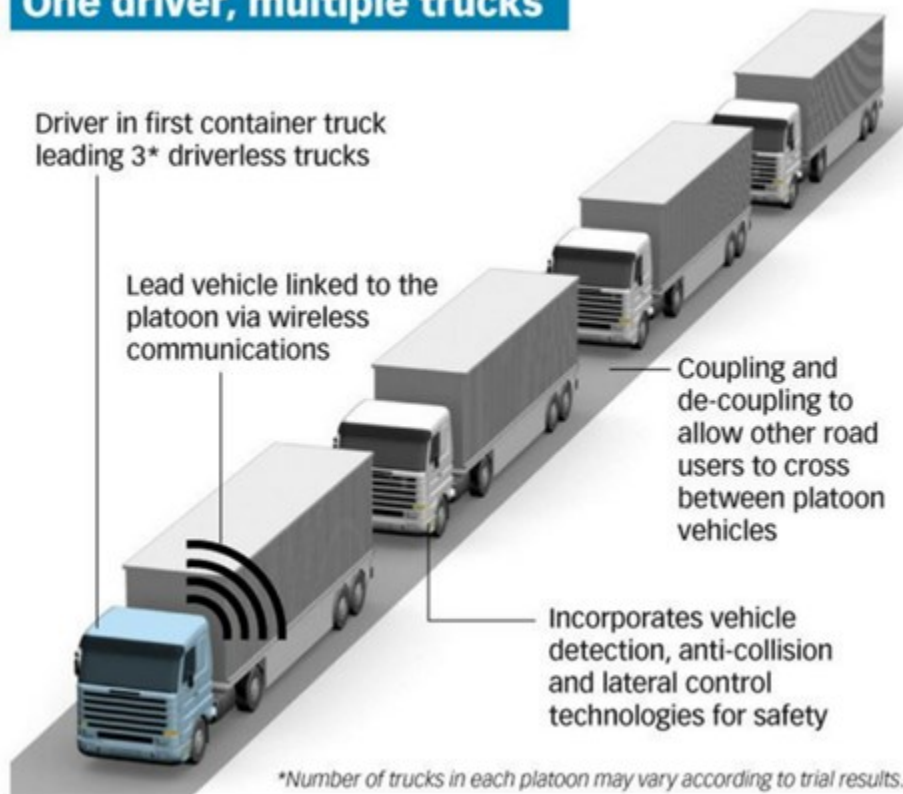
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Truck Route Study Review

Issues:

Emerging technology

One driver, multiple trucks



Truck Route Study Review

Relevant Consultations:

- Technical Advisory Committee (TAC) Meetings
- Adjacent Municipal and Provincial Agencies Meeting
- Focus Groups / Speaker Series
- Stakeholders / Business Community Meeting
- Meeting With Members of Council
- Public Information Centers / Workshops
- Pop-Up Community Engagement Events

Truck Route Study Review

Draft Project Timeline:

Key Dates / Deliverables:

Q-2, 2019 = Project Award Assignment + Data Collection

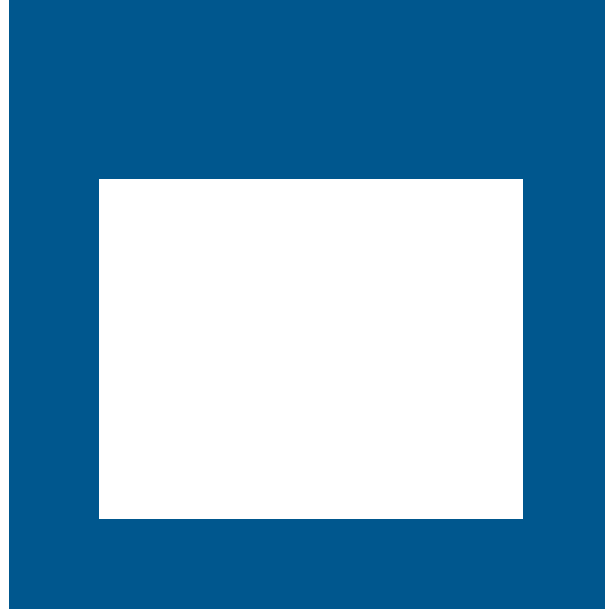
Q-2, 2019 = Staff (TAC) Meeting and Focus Groups Consultation

Q-3, 2019 = PIC#1 + Vision, Opportunity and Problem Statement Development

Q-4, 2020 = Preferred Alternatives and Policy Recommendations + PIC # 2

Q-2, 2020 = Final Study Report + Council Presentation

Q-3, 2020 = Project Completion + Final Public Review



THANK YOU