



Hamilton

9.1

# Truck Route Subcommittee Meeting #1

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**IBI GROUP**

In association with GLPi and  
David Kriger Consultants  
November 1, 2019

## Study Objectives

- Review the **existing truck route network**;
- Identify the **current and projected truck route-related problems**;
- Develop, evaluate, and **recommend solutions**; and
- Recommend supporting policies and tools that the City can consider to **mitigate the current problems and manage the potential future challenges**.

## Planning Context: Then Vs. Now

### Master Plan (2010)

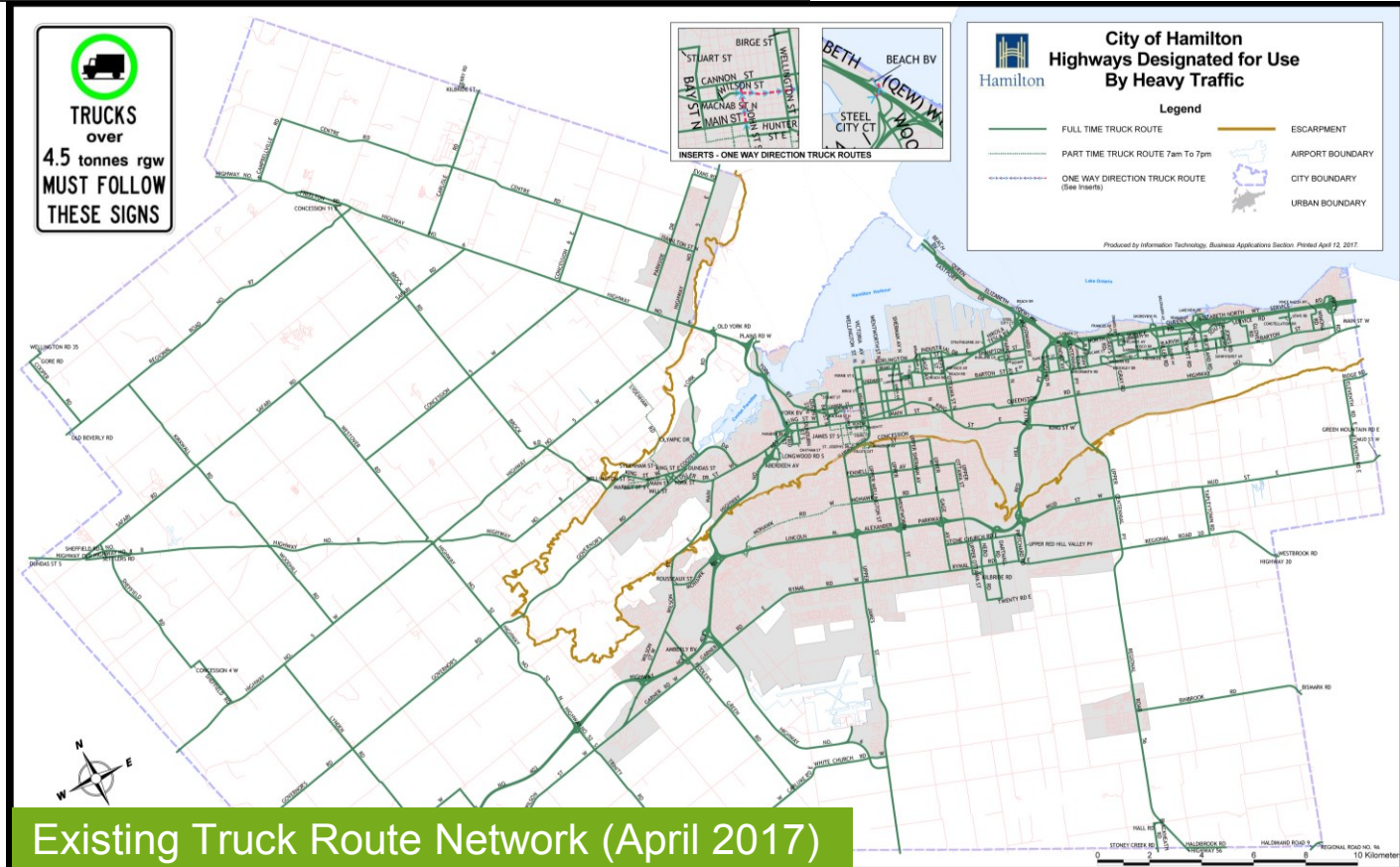
Create a single, cohesive truck network across the amalgamated city and prepare supporting policies.

### Master Plan Review (2020)

Review and refine the truck network and policies based on alignment with:

- The City's vision, objectives and desired outcomes;
- Health and well being of the community;
- Feedback, needs and lived experiences of stakeholders; and,
- Emerging technologies and goods movement policies.

# TRUCK ROUTE MASTER PLAN SUBCOMMITTEE



## Issues and Influences



Environment &  
Climate Emergency



Public Health  
and Safety



Network  
Connectivity



Rural  
Issues



Social Equity



Emerging Technologies  
and Policies



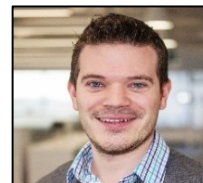
Development in  
Employment Areas



Hot Spots

## Our Project Team

- Expertise in:
  - Multi-modal transportation planning and engineering
  - Goods movement
  - Environmental engineering and assessment
  - Traffic safety analysis
  - Network planning
  - Public engagement
  - Road design and loading
  - Cycling and pedestrian infrastructure design
  - Accessibility
  - Geographical information systems
  - Complete street design
  - Transportation policy evaluation and design
- Truck route network and goods movement experience from across Canada
- Locally-based team



## Scope Overview



**Ongoing Stakeholder & Public Consultation**



## TRUCK ROUTE MASTER PLAN SUBCOMMITTEE

- Review relevant **planning and goods movement documents**
- Identify **problems and opportunities**
- Determine **vision, goals, objectives and principles**
- Define truck route **attributes and evaluation criteria**
- Inventory of **health, technical, social and natural environment**

Timeline: Fall 2019





## Preliminary Evaluation Criteria Categories



Environment & Public Health



Social Equity



Land Use & Community Destinations



Multi-Modal Network Integration



Roadway Safety & Attributes



Economic Influences

- Define truck route **attributes and evaluation criteria**

Timeline: Fall 2019





## Environment and Public Health Influences

1

**Injury Prevention**

2

**Chronic Disease Prevention**

3

**Serious Injury and Fatality Prevention**

4

**Dust Pollution**

5

**Mental Health Well-Being**

6

**Climate Change Resiliency, Mitigation and Adaptation**

7

**Noise Impacts**

8

**Health Equities**





## Economic Influences

1

Transportation System Access

2

Route Quality

3

Route Reliability

4

Route Safety

5

Route Marketability

6

Route Operability

7

Regional System Consistency

8

Road/Route Design Elements

9

Driver Guidance

10

Economic Prosperity

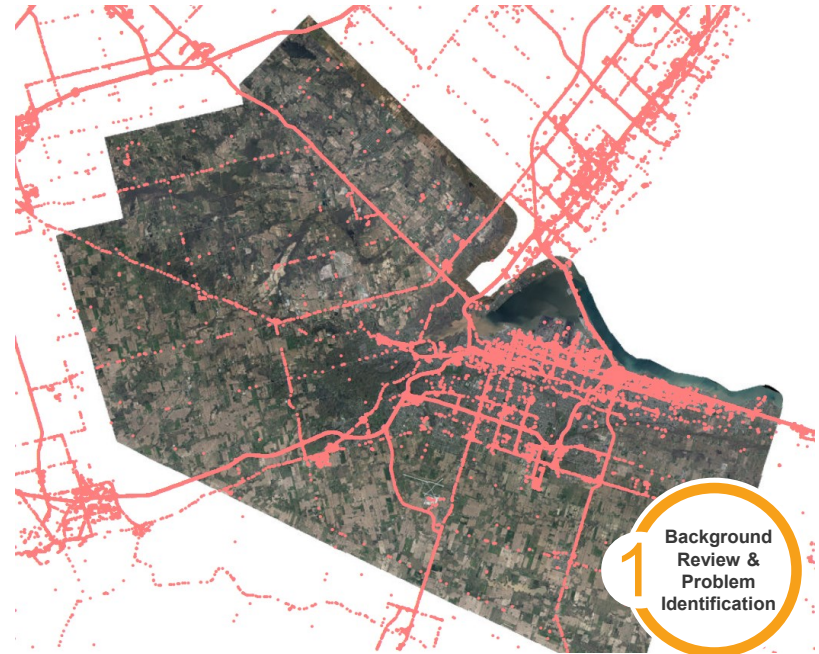


## Data Collection and Sources

Collecting data and information from a variety of sources, including, but not limited to:

- **City of Hamilton** (e.g. collisions, extreme weather, community destinations, secondary & master plans, annual air quality, community services, roadway attributes, institutions)
- **Province of Ontario** (e.g. MTO commercial vehicle survey, regional transportation plan, regional strategic goods movement network)
- **Government of Canada** (e.g. census)
- **Industry** (e.g. truck telematics)
- **Community & stakeholder consultation**

Sample truck telemetric (tracking) data over a one month period.



## TRUCK ROUTE MASTER PLAN SUBCOMMITTEE

- Conduct a goods movement **best practices and policy review** drawing on lessons learned from global cities
- Determine **policy/practice applicability** to different geographies, corridors and environments within Hamilton
- Recommend draft policy



Timeline: Fall 2019 to Winter 2020

- Conduct a goods movement **best practices and policy review** drawing on lessons learned from global cities

### Goods Movement Special Policy Topics

- Public Health
- Climate change
- Vulnerable road users
- Integration with Complete-Liveable-Better streets
- Emerging technologies and disruptors
- Urban consolidation centres
- Integration of varying truck sizes and types
- Integration of trucks in roundabout design

Timeline: Fall 2019 to Winter 2020





## TRUCK ROUTE MASTER PLAN SUBCOMMITTEE

- Develop network alternatives using a geographic information system
- **Evaluate** network alternatives



Timeline: Winter to Summer 2020

# Public & Stakeholder Consultation



## Phase 1: Let's Talk Trucks

## Phase 2: Preliminary Findings

### Opportunities for participatory involvement for individuals from the grassroots to industry, including:

- Resident associations
- Student associations
- Chambers of Commerce
- Business Improvement Areas
- Goods Movement community (e.g. port, airport, trucking association)
- Environmental groups
- Transportation advocacy groups
- Other community/advocacy groups
- Adjacent municipalities and provincial agencies
- Other residents and businesses.

# Public & Stakeholder Consultation



## Phase 1: Let's Talk Trucks

1. **Educating** stakeholders on topics related to the study (e.g. why have a truck route network? What types of trucks are there?)
2. **Listening** to stakeholders' and residents' needs, issues, concerns and other feedback related to the network and policies.

### Activities

- Truck Route Subcommittee
- Meeting with adjacent municipalities and provincial Agencies
- Business Community (BIAs, Chambers)
- Goods Movement Community
- Community Group Workshop/Focus Group
- Public Information Centres (4 events) & pop-ups
- Interactive online mapping survey
- Educational sheets for events and project webpage
- Conversation kit

# Public & Stakeholder Consultation



## Phase 2: Preliminary Findings

1. **Presenting** the preliminary findings and recommendations to stakeholders and residents.
2. **Collecting and listening** to feedback, and incorporating it into the final plan, as appropriate.

### Activities

- Truck Route Subcommittee
- Business Community (BIAs, Chambers)
- Goods Movement Community
- Community Group Workshop/Focus Group
- Public Information Centres (4 events) & pop-ups

# Public & Stakeholder Consultation



## Proposed Consultation Program

- Two rounds of four Public Information Centre (eight events)
- Notifications to stakeholders of the study and PIC events
- Online mapped-based survey and questionnaire
- Let's Talk Trucks Conversation Kit
- One meeting with adjacent municipalities
- Two Community Group Panel Discussions/Focus Group
- Two meetings with goods movement community
- Two meetings with Business Improvement Areas
- Two meetings with Chambers of Commerce
- Two rounds of four pop-ups at events/destinations (eight total)
- Three Truck Route Subcommittee and one Council meetings
- Study factsheets, project webpage and social media content

plus other City-led activities and meetings

## Required Consultation per MCEA

- One Public Information Centre (one event)
- Notification to stakeholders of the study and PIC event

## Public & Stakeholder Consultation

### Proposed Consultation Program

## Truck Route Master Plan Consultation

**\$100,000**

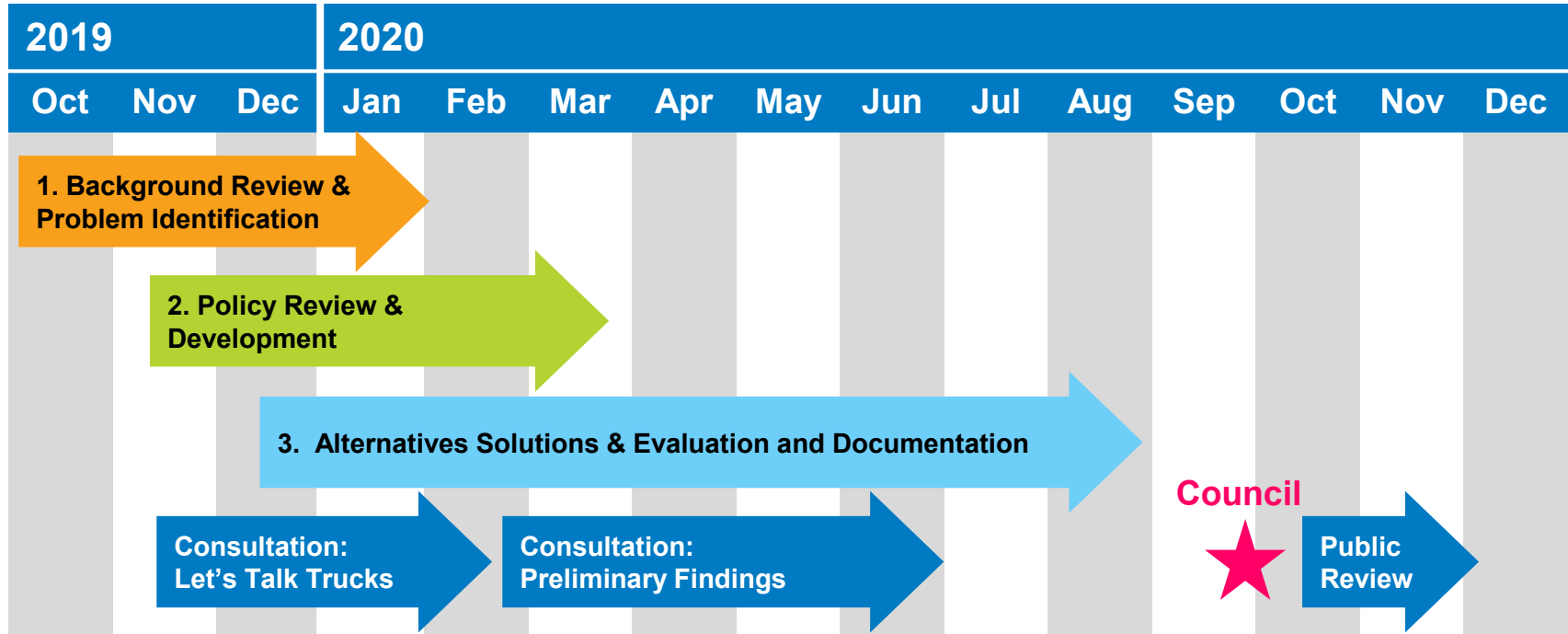
### Required Consultation per MCEA

## Typical Minimum Consultation Budget

**\$8,000 to \$15,000**



# Project Schedule





Thank You

