Metrolinx:
GTHA Urban Freight Forum Updates and Progress

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What is the GTHA Urban Freight Forum?
The GTHA Urban Freight Forum

exchange information • generate action • inspire innovation

Objectives
• Act as a platform for discussion between public and private sector partners
• Support implementation of the Urban Freight Action Plan and joint goods movement initiatives
• Further common base of knowledge of GTHA freight system

Process
• 2 meetings per year: Spring & Fall

Outcomes
• Formation of partnerships / sub-committees to support common projects
  • Intergovernmental sub-committee
  • Data sub-committee

 ✓ Action 1: Strengthen & collaborate with multi-sectoral forums
 ✓ Action 2: Establish an inter-governmental freight committee
Members of the Forum: A public private partnership
What Progress have we made?
A Big Move Key Objective: Goods Movement

<table>
<thead>
<tr>
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<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>A fast, frequent and expanded regional rapid transit network</td>
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<td>2</td>
<td>High-order transit connectivity to the Pearson Airport District from all directions</td>
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<td>3</td>
<td>An expanded Union Station - the heart of the GTHA’s transportation system</td>
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<td>4</td>
<td>A complete walking and cycling network with bike-sharing programs</td>
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<td>5</td>
<td>An information system for travellers, where and when they need it</td>
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<td>6</td>
<td>A region-wide integrated transit fare system</td>
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<td>7</td>
<td>A system of interconnected mobility hubs</td>
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<td>8</td>
<td><strong>A comprehensive strategy for goods movement</strong></td>
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<td>9</td>
<td>An Investment Strategy to provide stable and predictable funding</td>
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The GTHA Urban Freight Study (2011)

- Published following a year of consultation with two stakeholder groups to identify key concerns and issues

**Goods Movement Industry Roundtable:**
- Leading GTHA private sector industries and carriers
- Industry associations
- Marine port and airport authorities

**Technical Working Group:**
- GTHA local and regional governments
- Provincial and federal governments
- Two class 1 railways (CN and CPR)

**Outcome**
- 5 strategic directions and 17 actions,
- These form the basis for addressing goods movement challenges in the GTHA
# GTHA Urban Freight Strategic Directions

1. **Build Collaboration & Support**
   - **Action 1:** Strengthen and collaborate with multi-sectoral forums
   - **Action 2:** Establish an inter-governmental freight committee
   - **Action 3:** Improve and coordinate public outreach on urban freight

2. **Improve Freight Information**
   - **Action 4:** Improve data sharing on freight vehicles, routes, and activities
   - **Action 5:** Establish a GTHA urban freight data collection program

3. **Increase Transportation Network Efficiency**
   - **Action 6:** Develop and protect a strategic GTHA truck network
   - **Action 7:** Harmonize truck route standards and mapping
   - **Action 8:** Investigate intelligent lane utilization and truck-only lanes
   - **Action 9:** Explore opportunities to move freight on transit

4. **Enhance Planning & Development**
   - **Action 10:** Develop freight supportive land-use guidelines
   - **Action 11:** Support development of innovative freight hubs
   - **Action 12:** Improve access to existing intermodal facilities
   - **Action 13:** Plan and protect complementary land uses near major freight hubs

5. **Improve Operational Practices**
   - **Action 14:** Use technology to optimise and manage the movement of goods
   - **Action 15:** Explore opportunities for flexible freight delivery times
   - **Action 16:** Enhance incentives to encourage off-peak deliveries
   - **Action 17:** Implement reserved curbside delivery options
Working Together
To share best practices, deliver joint initiatives, and address key goods movement needs

1. BUILD COLLABORATION & SUPPORT
   - Metrolinx GTHA Urban Freight Forum
   - Region of Peel Goods Movement Task Force
   - Ongoing Collaboration with Other Multi-Sectoral Forums

2. IMPROVE FREIGHT INFORMATION
   - Coordinated Goods Movement Data Collection and Analysis
   - MTO Commercial Vehicle Survey
   - Transport Canada Canadian Vehicle Use Study

3. INCREASE TRANSPORTATION NETWORK EFFICIENCY
   - TAC Truck Lanes in Canadian Urban Areas Study
   - Freight on Transit

4. ENHANCE PLANNING & DEVELOPMENT
   - TAF Consolidation Centers Study
   - Freight-Supportive Guidelines
   - Long Combination Vehicle Program

5. IMPROVE OPERATIONAL PRACTICES
   - Transit Inventory Management Services (TIMS)
   - MTO Off-Peak Deliveries Pilot
1. BUILD COLLABORATION & SUPPORT

Ongoing Collaboration with Other Multi-Sectoral Forums

- Working closely with other forums such as the Southern Ontario Gateway Council and the Region of Peel Goods Movement Task Force
- Coordination and support on joint initiatives and industry workshops and events
  - Exploring Freight Hubs: Collaborative Land Use and Logistics Workshop
- Ensure that the priorities of the GTHA as a whole are represented at the table
2. IMPROVE FREIGHT INFORMATION

Coordinated Goods Movement Data Collection and Analysis

Development of a Plan for Urban Goods Movement Data in the GTHA with the University of Toronto’s Centre for Urban Freight Analysis

- Moving towards coordinated collection of goods movement data through a Goods Movement Data Steering Committee
- Facilitate discussion between the Ministry of Transportation and municipalities
  - Initial steps taken to consolidating municipal data with provincial data in the province’s iCorridor system
3. INCREASE TRANSPORTATION NETWORK EFFICIENCY

Transportation Association of Canada study for truck lanes in urban areas

- Partnership with the Transportation Association of Canada (TAC) and 10 other Canadian municipal, regional and provincial agencies
- Exploration of opportunities for increased efficiencies in the transportation network
Toronto Atmospheric Fund: Freight Consolidation for Toronto’s Health Care Sector

- Metrolinx provided a grant to the Toronto Atmospheric Fund to research the feasibility for a consolidation centre amongst downtown Toronto hospitals

4. ENHANCE PLANNING AND DEVELOPMENT

- Reduce Number of Trucks in CBD
- Reduce Congestion
- Reduce Fuel Consumption
5. IMPROVE OPERATIONAL PRACTICES

Transit Inventory Management Services (TIMS)

- The Transit Procurement Initiative Program at Metrolinx led the development of Transit Inventory Management Services to improve the efficiency of the supply chain for transit vehicle parts
- Goals:
  - improving operational practices
  - reducing costs of inventory, costs of parts, obsolescence
  - reducing carbon footprint
  - improve parts availability
  - streamline ordering for all partner transit agencies
- The TIMS Program is currently under review…. 
Where do we go from here?
Working Together in the future

Legislated Review of the Regional Transportation Plan

- Review of the Regional Transportation Plan set for 2016
- Strategy for Goods Movement in the GTHA to be reviewed
- Our understanding of goods movement has greatly increased since The Big Move
  - Improved understanding of goods movement from governments
  - Growing research, guidelines and ongoing initiatives
- Metrolinx is currently reaching out to the GTHA Urban Freight Forum and other stakeholders for input to the upcoming review of the Regional Transportation Plan
Jurisdictional Scan: What are other regions doing?

Cooperative ITS
New South Wales, Australia

- Collision avoidance
- Weather & road conditions
- Signal timing
- RR x-ing status
- Emergency broadcasts

Regional Clean Freight Corridor
Los Angeles, USA

Project Scope
- Zero-emission drayage trucks from the busiest US ports
- Prototype demonstrations underway
- Full commercial deployment 2025-2035
Jurisdictional Scan: What are other regions doing?

**ASTRoMaP**
Atlanta, USA

- Provides routing flexibility and redundancy
- Most destinations within 10-15min of the network
- Prioritizes infrastructure work along designated routes
- Local governments building their networks around the regional one

**Route Criteria**
- Lane width
- Bridge height
- At-grade RR crossings
- Land use
- Truck volume
- Environmental justice criteria

![Atlanta Regional Commission](image)
Afternoon Breakout Session

• Metrolinx staff will be facilitating one of the sessions

• We have three areas of focus
  • GTHA Vision for Urban Freight
  • GTHA Urban Freight Action Plan Update
  • ITS/Innovative Solutions

• We will use this input to shape the development of goods movement within the upcoming Regional Transportation Plan.

• There will be many more opportunities to provide input!
www.metrolinx.com/goodsmovement

Thank you