CONNECTING THE REGION

JUDY PFEIFER - CHIEF COMMUNICATIONS & PUBLIC AFFAIRS OFFICER
LESLE WOO - CHIEF PLANNING OFFICER, PLANNING & POLICY

PRESENTED AT AMO
INSIGHT BREAKFAST SESSION
AUGUST 14, 2017
7:15AM - 8:15AM
• Metrolinx was created in 2006 by the Province of Ontario to improve the coordination and integration of all modes of transportation in the Greater Toronto and Hamilton Area.

• Guided by its Regional Transportation Plan, Metrolinx has worked to plan, design and build a regional transportation network that aims to enhance the quality of life, the environment and the prosperity of area residents.
**METROLINX’S GEOGRAPHIC MANDATE: THE GREATER TORONTO AND HAMILTON AREA**

**Expansive**
8,242 km$^2$—urban, suburban and rural land use

**Complex**
Working with thirty municipalities, four levels of government and nine transit agencies
The average commute in Ontario is already over 45 minutes, and that figure jumps to more than an hour for commuters in the Greater Toronto and Hamilton area. That means the average commuter spends nearly an extra work day a week sitting in their car, stuck in traffic. Gridlock is costing the GTHA between $6 billion - $11 billion a year in lost economic activity.

CONGESTION COSTS OUR ECONOMY
Our Region is Growing

The Greater Toronto Hamilton Region is growing fast, and by 2041, it's estimated that more than nine million residents will call the region home. This increase of almost 30% means even more people on area roads year after year.

Growth in the region is a sign of success and opportunity, but our transportation networks are at their limit. That's why Metrolinx is delivering the largest transit infrastructure program in Canadian history to keep the our region moving today and tomorrow.

PROJECTED POPULATION GROWTH RATE: 2011-2041
OUR MANDATE

PLAN

BUILD

OPERATE

METROLINX
The Big Move is a bold and visionary plan that outlines a common vision for transportation for one of the largest and fastest-growing urban regions in North America.
THE BIG MOVE - RECORD INVESTMENT

The Big Move has shaped record investment in new infrastructure and transit services:

$30B in investment in the GTHA’s rapid transit network currently being planned, procured and constructed.

- **GO Expansion**
  - Introduction of new service on Barrie, Stouffville, Kitchener, Richmond Hill and Milton lines.
  - 6 New Stations plus planning work underway for an additional 24 stations.
  - Lakeshore Lines - 30 minute service.
  - Over 60% more train trips on multiple lines, including Milton, Lakeshore East/West and Kitchener.

- **Bus Rapid Transit** (partially or fully in service)
  - York Region VIVA BRT, Mississauga Transitway.

- **Light Rapid Transit** (under construction or in planning & design)
  - Eglinton Crosstown, Finch West LRT, Sheppard East LRT, Scarborough RT.
THE BIG MOVE - PROJECTS IN THE PLANNING AND DESIGN STAGE

There are numerous projects taking place across the region.

Projects currently in the planning and design phase include:

- Relief Line
- Yonge North Extension
- Brampton Queen Street Rapid Transit
- Eglinton West LRT Extension
- Dundas Bus Rapid Transit
- Durham-Scarborough Bus Rapid Transit
- Finch West LRT
- Sheppard East LRT
- Hurontario LRT
- Hamilton LRT
THE BIG MOVE - UP EXPRESS

“Establish high-order transit connectivity to the Pearson Airport district from all directions, including a multi-purpose, fast transit link to downtown Toronto…”

North America’s first dedicated airport rail link, connecting Union Station in downtown Toronto to Pearson International Airport.

25 minute journey time with trains departing every 15 minutes from 5:30 am to 1:00 am.

$9 fare with a PRESTO card.
THE BIG MOVE - ONE CARD CONNECTS US ALL

“There is a potential to expand Presto to become the premiere payment platform in the GTHA and revolutionize the way that travellers interact with the transportation system.”

The region’s integrated fare card system has been implemented.

• Over 2.5 million active PRESTO cards; system processes over 20 million “taps” a month.

• Originally deployed across GO Transit, UP Express, seven local transit systems in the “905” area, and Ottawa’s OC Transpo.

• Now completing introduction on the TTC.
THE BIG MOVE - ECONOMIC BENEFITS

“The economic benefits of construction of the Next Wave of projects would be enormous - creating 800,000 - 900,000 construction and long-term jobs and providing an overall infusion to the GTHA economy of $110-$130 billion.”  Metrolinx Investment Strategy, 2013

There are numerous projects taking place across the region and each of these projects garner economic benefits for the immediate neighbourhood and greater region.

An example of one of these projects is the Eglinton Crosstown:

✓ 92 local Professional, Administrative, Technology jobs.
✓ 19 apprenticeships.
✓ $2.6M in local procurement with businesses along the line.
✓ $70K in social procurement.
“The RTP provides direction and sets priorities for decision-making on transportation in the GTHA. Embodied in the plan is the notion that all levels of government, as well as operators, stakeholders and users of the system have an important role to play in contributing to its success.”

Throughout The Big Move Metrolinx has worked closely to implement projects throughout the region, but we haven’t done it alone.

We have and will continue to engage with you through our:

- Corridor Committees
- Stakeholder Forum
- Regional Communicators Table
- Municipal Planning Leaders Forum
- Municipal Technical Advisory Committee
Implementing the Big Move

Ten Strategies of The Big Move

1. Build a Comprehensive Regional Rapid Transit Network
2. Enhance and Expand Active Transportation
3. Improve the Efficiency of the Road and Highway Network
4. Create an Ambitious TDM Program
5. Create a Customer-First Transportation System
6. Implement an Integrated Transit Fare System
7. Build Communities that are Pedestrian, Cycling and Transit-Supportive
8. Plan for Universal Access
9. Improve Goods Movement within the GTHA and With Adjacent Regions
10. Commit to Continuous Improvement

Since The Big Move, Metrolinx and its partners have been working at a rapid pace to deliver improvements to public transit, active transportation and road networks.

Most projects are in progress.

<table>
<thead>
<tr>
<th>Status* of The Big Move's 92 Actions &amp; Policies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete/Continuous</td>
</tr>
<tr>
<td>In Progress</td>
</tr>
<tr>
<td>To be Initiated</td>
</tr>
</tbody>
</table>

* Based on The Big Move Baseline Monitoring Report, Appendix B: Inventory of Initiatives, 2013 (with updates)
BUILDING A COMPREHENSIVE REGIONAL TRANSIT NETWORK
TRANSFORMING THE GO TRAIN NETWORK

- 52 New Train Sets
  faster service

- New GO Tracks
  150 km

- 22 New Stations
  32 upgraded

- Bridge Upgrades
  45+

- 6000 Trips / Day; 300% increase

- 263 km
  of electrified service
  or signal enhancements

- 15 Minute Service
  or better

- 10 rail/road grade separations
  1 rail/rail grade separation
The Eglinton Line
Eglinton Crosstown LRT Project

Underground Alignment
Aboveground Alignment
Intermodal LRT Stop
Maintenance & Storage Facility
TORONTO: 11KM FINCH WEST LRT

Finch West LRT Project
MISSISSAUGA: 20KM HURONTARIO LRT

The Hurontario LRT will bring 20 kilometres of new, modern, reliable, rapid transit to serve the cities of Mississauga and Brampton.
HAMILTON: 14KM LRT
YORK REGION: BUILT 11KM IN OPERATION WITH 23KM TO COME
MISSISSAUGA: BUILT 18KM OF BUS RAPID TRANSIT WITH ONE STATION TO GO

Separate corridor for buses
EXPANDING THE REGION’S TRANSPORTATION NETWORK
FUTURE LRT AND BRT

- Brampton Queen St. Rapid Transit (24 km)
- Eglinton West LRT Extension (14 km)
- Dundas Bus Rapid Transit (40 km)
- Durham-Scarborough Bus Rapid Transit (36 km)
BUILDING ON THE BIG MOVE
THE NEXT RTP
Ten Year Review & Coordination with the Growth Plan
A LOT HAS CHANGED SINCE 2008...

...and will continue to change...
GTHA POPULATION GROWTH BY AGE

Proportion of GATHA Population

- **0-19** (age 0-19)
- **20-34** (age 20-34)
- **35-49** (age 35-49)
- **50-64** (age 50-64)
- **65+** (aged 65+)

Years:
- 2016
- 2021
- 2026
- 2031
- 2036
- 2041

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**Youth**
- (age 3-19)

**Young Adults**
- (age 20-34)

**Middle Age**
- (age 35-49)

**Adults**
- (age 50-64)

**Seniors**
- (aged 65+)
FUTURE TRAVEL DEMAND (A.M. PEAK)*

Total Trip Growth

AM PEAK TRIPS (MILLIONS)

<table>
<thead>
<tr>
<th>Year</th>
<th>AUTO</th>
<th>TRANSIT</th>
<th>ACTIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1991</td>
<td>71%</td>
<td>19%</td>
<td>10%</td>
</tr>
<tr>
<td>2001</td>
<td>74%</td>
<td>16%</td>
<td>10%</td>
</tr>
<tr>
<td>2011</td>
<td>73%</td>
<td>18%</td>
<td>9%</td>
</tr>
<tr>
<td>2031</td>
<td>71%</td>
<td>18%</td>
<td>11%</td>
</tr>
</tbody>
</table>

Total Auto Vehicle km Travelled

<table>
<thead>
<tr>
<th>Year</th>
<th>2006</th>
<th>2031</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>17.6 M</td>
<td>24.0 M</td>
</tr>
</tbody>
</table>

↑ 33%

Auto Vehicle km Travelled / Person

<table>
<thead>
<tr>
<th>Year</th>
<th>2006</th>
<th>2031</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2.09</td>
<td>2.02</td>
</tr>
</tbody>
</table>

↓ 3%

* Note: 2031 data assume implementation of currently funded rapid transit network.
HOME AND WORK LOCATION: 1991-2031
EMPLOYMENT GROWTH: 2006-2041

- 2016 data are estimated
- Office Employment data: Hemson Consulting Ltd.
- 2031 - 2041 Total Employment Data: Growth Plan for the GGH, schedule 3
EMERGENCE OF NEW MOBILITY
AUTONOMOUS VEHICLES
THE NEXT REGIONAL TRANSPORTATION PLAN
THE NEXT PLAN:
STRENGTHENING CONNECTIONS

- Congestion management strategies
- Active Transportation
- Safe complete streets
- Parking strategies
- Urban freight
- Expanded TDM
- Public education
- Supporting sustainable regional growth
- Frequent transit service
- System management
- New mobility options
- Rapid Transit expansion
ENGAGEMENT TO DATE

Since the release of the *Discussion Paper for the Next RTP*:

**Municipal**
- Municipal Planning Leaders Form meetings
- Staff level regional meetings
- RTP Technical Advisory Committee meetings

**Stakeholder**
- Stakeholder Forum
- Corridor Committee meetings

**General/Public**
- Workshops
- Webinars
- Public Open House meetings
- Booths at municipal public meetings
- Residents’ Reference Panel
- Online and social media engagement
RTP ENGAGEMENT TIMELINE AUGUST - DECEMBER 2017

- **Aug 13-16 AMO**
- **Sept 14 MX Board Meeting** Draft RTP tabled/public
- **Oct 2 Symposium**
- **Launch Digital Engagement (Metrolinx Engage and social media)**
- **City Councillor Outreach**
- **GTHA Council Tour**
- **Federal/Provincial Engagement – key ministries/agencies**
- **Stakeholder Forum**
- **Corridor Committees**
- **Six Public Roundtable Meetings**
- **Municipal Partner Engagement (MPLF, MTAC)**
- **First Nations**
RTP: NEXT PHASE OF ENGAGEMENT - FALL

Municipal Partners
- Municipal Planning Leaders Forum (Monthly)
- RTP Municipal Technical Advisory Committee (Monthly)
- Regional Municipal Meetings (Fall 2017)

Elected Officials
- Association of Municipalities Ontario (Aug 2017)
- Regional Council Tours (Fall 2017)
- Targeted MPP and City Councillor outreach (Fall 2017)

Stakeholders
- RTP Transportation Symposium (Oct 2017)
- Stakeholder Committees Corridor Committees (Fall 2017)
- Stakeholder Forum (Fall 2017)

General Public
- Residents’ Reference Panel (Completed)
- 6 Regional Public Roundtable Meetings (Fall 2017)
- Social and Digital Engagement (Fall 2017)
TELL US WHAT YOU THINK

We're responsible for the largest transit expansion in Canadian history.

With more than 200 projects underway, learn about what we're doing, share your ideas and tell us how we're impacting you.

How Metrolinx Engage works
The Plan is here for all of us, our future, our region.

So help us continue the story.

Metrolinx.com

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