Welcome

Thank you for attending the first Public Information Centre for Durham’s Transportation Master Plan Update. We’re excited to have you here to get your input into shaping the direction and vision of the plan.

We want to know:

- What is your vision for transportation in 2031 and beyond?
- What are your priorities for transportation in Durham?
- Where are your transportation “hot spots?” Think about locations where you think improvements are necessary and sketch your ideas on the map in the middle of the room.
- What is your favourite street? Upload a photo to Instagram and tag it with #Durham TMP.
- Project staff are here to answer your questions and listen to what you have to say.
- Keep up-to-date by visiting the project website at www.durham.ca/tmp.
The Plan and the Process

What is the Transportation Master Plan (TMP)?

The Transportation Master Plan (TMP) is a strategic planning document designed to define the policies, programs and infrastructure improvements required to address Durham Region’s existing and future multi-modal transportation needs.

This update will build on the achievements of the existing TMP completed in 2003. Progress made since then will be assessed, transportation policies will be updated to reflect current needs, and projects will be identified to cater to future requirements of Durham residents.

Study Process

The study is just getting underway and is expected to be completed in early 2016.

1. Fall 2014: Transportation Vision and Potential Alternatives
   - Assess the outcomes of the previous TMP and recent progress
   - Review best practices and compare to existing policies and strategies
   - Engage the community to gain insights on issues, needs, and opportunities
   - Develop the vision, goals, and principles to guide the TMP update
   - Identify potential alternative to address current and future needs and challenges

2. Winter 2014/Spring 2015: Alternatives Assessment and Preferred Scenarios
   - Assess alternative scenarios for the transportation system
   - Present alternative to public and stakeholders for feedback
   - Test scenarios, using the travel demand forecasting model, against different growth projections
   - Identify a preferred scenario and document potential projects and actions

3. Spring/Summer 2015: Development of Supporting Strategies
   - Identify multi-modal strategies and actions that support the preferred scenario
   - Engage with stakeholders, internal staff, and others to review and assess alternative strategies
   - Develop strategies with associated implementation timelines, and benchmarks

4. Fall 2015/Early 2016: Preparation of the Transportation Master Plan
   - Present draft networks and strategies that support the preferred scenario
   - Provide costing and implementation considerations for the identified networks and strategies
   - Develop Transportation Master Plan Report for Council consideration and approval
How Durham is Growing

Past Growth
As of 2011, Durham Region was home to over 630,000 people—20% more people than in 2001. Whitby and Ajax have led this growth.

Population Change By Municipality (2001-2011)

Future Growth
The Region is projecting continued strong growth in both population and jobs for the coming decades. Forecasts indicate that the Region will be home to nearly one million residents by 2031.

Durham Region Population and Employment Forecasts (2011-2031)

Growth Implications
Population growing faster than employment: Durham will need improved transit to get people to work.
An aging population: As our population gets older, we need more accessible ways to get around.
Intensification: Growing in Centres and Corridors will require better transit, walking and cycling connections.

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Every weekday, residents of Durham Region make over 1.3 million trips.

### Where We Work

**6:30-9:30AM Peak Period Work Trips by Durham Residents in 2011**

<table>
<thead>
<tr>
<th>Municipality</th>
<th>% of Trips</th>
</tr>
</thead>
<tbody>
<tr>
<td>Durham</td>
<td>56%</td>
</tr>
<tr>
<td>Toronto</td>
<td>2%</td>
</tr>
<tr>
<td>Peel</td>
<td>2%</td>
</tr>
<tr>
<td>Simcoe</td>
<td>0.1%</td>
</tr>
<tr>
<td>Kawartha Lakes</td>
<td>0.6%</td>
</tr>
<tr>
<td>York</td>
<td>0.1%</td>
</tr>
<tr>
<td>Peterborough (City and County)</td>
<td>0.3%</td>
</tr>
<tr>
<td>Northumberland</td>
<td>(No Data)</td>
</tr>
<tr>
<td>Simcoe (incl. Barrie)</td>
<td>10%</td>
</tr>
<tr>
<td>York (incl. Barrie)</td>
<td>10%</td>
</tr>
<tr>
<td>Kawartha Lakes (incl. Barrie)</td>
<td>6%</td>
</tr>
</tbody>
</table>

### How Far We Travel

**Average Length of Work Trips in 6:30-9:30AM Peak Period by Durham Residents**

<table>
<thead>
<tr>
<th>Year</th>
<th>Average Trip Length (km)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>24.3</td>
</tr>
<tr>
<td>2001</td>
<td>26.3</td>
</tr>
<tr>
<td>1991</td>
<td>19.7</td>
</tr>
</tbody>
</table>

### How Long It Takes Us

**6:30-9:30AM Peak Period Work Trips by Durham Residents**

<table>
<thead>
<tr>
<th>Destination</th>
<th>Minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Within Durham</td>
<td>31</td>
</tr>
<tr>
<td>To Toronto</td>
<td>42</td>
</tr>
<tr>
<td>To York Region</td>
<td>93</td>
</tr>
<tr>
<td>To Peel Region</td>
<td>44</td>
</tr>
<tr>
<td>To Other</td>
<td>65</td>
</tr>
<tr>
<td>Average</td>
<td>14</td>
</tr>
</tbody>
</table>

### How We Get to Work

**Mode Share of a.m. Peak Work Trips in 2011**

- **Within Durham**
  - Car: 94%
  - Public Transit: 4%
- **To Everywhere Else**
  - Car: 96%
  - Public Transit: 4%

81% of us working have free parking at work.

1.2 people per car.

Source: Transportation Tomorrow Survey (2011)
How Durham is Moving

In 2011, 1 in 20 morning peak period trips were by transit or ride sharing

How Travel Speeds are Changing

Typical Morning Travel Speeds on Durham Region Urban Arterial Roads: 2006-2012

<table>
<thead>
<tr>
<th>Speed (km/hr)</th>
<th>2006</th>
<th>2012</th>
<th>Speed Decrease 2006 to 2012 (km/hr)</th>
<th>Speed Decreased 2006-2012 (%)</th>
<th>Number of Minutes Added to 10 KM Trip</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-60</td>
<td>50-53</td>
<td>43-53</td>
<td>7 to 10</td>
<td>10-15%</td>
<td>1 to 2</td>
</tr>
<tr>
<td>50-60</td>
<td>40-60</td>
<td>30-33</td>
<td>10 to 20</td>
<td>15-20%</td>
<td>2 to 3</td>
</tr>
</tbody>
</table>

Source: MTO Travel Time Study (2006 and 2012)

How Many Cars We Own

Car Ownership per Household in 2011

<table>
<thead>
<tr>
<th>Municipality</th>
<th>Toronto</th>
<th>Peel</th>
<th>Durham</th>
<th>Halton</th>
<th>York</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicles per Household</td>
<td>1.89</td>
<td>1.84</td>
<td>1.83</td>
<td>1.70</td>
<td>1.16</td>
</tr>
</tbody>
</table>

Source: Transportation Tomorrow Survey (2011)

How We Get to School

Mode Share of Morning Peak School Trips for Under 19 year Olds

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Auto</td>
<td>45%</td>
<td>42%</td>
<td>38%</td>
<td>40%</td>
<td>37%</td>
<td>34%</td>
</tr>
<tr>
<td>Transit/School bus</td>
<td>15%</td>
<td>16%</td>
<td>18%</td>
<td>20%</td>
<td>22%</td>
<td>25%</td>
</tr>
<tr>
<td>Walk/Cycle</td>
<td>40%</td>
<td>42%</td>
<td>44%</td>
<td>40%</td>
<td>41%</td>
<td>41%</td>
</tr>
</tbody>
</table>

Source: Transportation Tomorrow Survey (1996-2011)

How Transit Use is Changing

Annual transit ridership in Durham (excluding GO Transit)

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<tr>
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</thead>
<tbody>
<tr>
<td>Ridership (Million)</td>
<td>8.0</td>
<td>8.0</td>
<td>8.0</td>
<td>8.0</td>
<td>8.0</td>
<td>8.0</td>
<td>8.0</td>
</tr>
</tbody>
</table>

Source: Durham Region Transit (2002-2012)

*Durham Region Transit was amalgamated, effective January 1, 2006

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How Durham is Moving

How Distance Affects the Way We Travel

Trip Length Distribution in 2011 by Mode for All Trips

<table>
<thead>
<tr>
<th>Trip Length</th>
<th>Share of All Trips</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over 10km</td>
<td>0%</td>
</tr>
<tr>
<td>5-10km</td>
<td>20%</td>
</tr>
<tr>
<td>2-5km</td>
<td>40%</td>
</tr>
<tr>
<td>2km and under</td>
<td>60%</td>
</tr>
<tr>
<td>0%</td>
<td>80%</td>
</tr>
<tr>
<td>0%</td>
<td>100%</td>
</tr>
</tbody>
</table>

Source: Transportation Tomorrow Survey (2011)

55% of daily trips are under 5km

How Youth Perceive Driving

Percentage of those 16-24 year-old with a driver’s license

<table>
<thead>
<tr>
<th>Percentage</th>
<th>1991</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>50%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>55%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>65%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>70%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>75%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>85%</td>
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</table>


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How Durham is Connecting

Regional Road Expansion

Launch of PULSE (2013)

Highway 407 East Extension
(Phase 1 to Harmony Road – 2015)
(Phase 2 to Highway 35/115 – 2020)

Highway 2 Bus-Only and Bike Lanes (2014)

Regional Cycling Plan & Regional Trail Network (2012)

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In 2031, Durham Region will be a place where...

How do you see us getting around in 2031?

Write your vision on a sticky note.
Your Priorities

Place your stickers on what your top priorities are for the Plan

- **Road Improvements**
  - Dealing with both short- and long-term issues and how to improve road safety most efficiently.

- **Public Transit**
  - Public transit options including buses and trains.

- **Walking and Cycling**
  - Infrastructure for walking and cycling such as paths, sidewalks, and bike paths.

- **Accessibility**
  - Infrastructure such as ramps, accessible parking, elevators, and low-floor buses.

- **Complete Streets**
  - Street design that meets all needs, from motorists, transit riders, cyclists and pedestrians of all ages.

- **Complete Communities**
  - Active and healthy communities of mixed uses for everybody to live/work/shop.

- **Investment and Funding**
  - The amount of funding that goes into transportation, where it’s coming from and how it’s used.

- **Enhance Road Safety**
  - Safety improvements including design techniques, barriers and pavement types that minimize injury or loss of life.

- **Maintain Rural Character**
  - Developing guidelines and design principles that preserve the rural character of roads and communities.

- **Improve Goods Movement**
  - Supporting safe and efficient goods movement in order to support economic development.

- **Complete Streets**
  - Infrastructure for walking and cycling such as trails, sidewalks, and bike paths.

- **Investment and Funding**
  - The amount of funding that goes into transportation, where it’s coming from and how it’s used.

- **Public Transit**
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Next Steps

After this meeting, we will:

<table>
<thead>
<tr>
<th>Task</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Review the input and ideas from you to help build the vision for transportation</td>
<td></td>
</tr>
<tr>
<td>Look at your priorities and hot spots to identify the key directions for the Transportation Master Plan</td>
<td></td>
</tr>
<tr>
<td>Begin analyzing the transportation network and develop alternatives to achieve the transportation vision</td>
<td></td>
</tr>
<tr>
<td>Continue to engage you and keep you informed through the study website at <a href="http://www.durham.ca/tmp">www.durham.ca/tmp</a></td>
<td></td>
</tr>
</tbody>
</table>

We will see you again during the second round of open houses in the spring of 2015!

In the meantime, if you have more questions, comments, or ideas, email us at tmp@durham.ca or contact the project managers:

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- **Fax:** 416-596-0644

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- **Phone:** 905-668-4113 Ext. 3733
- **Fax:** 905-668-2051

Keep up-to-date by visiting the project website at www.durham.ca/tmp

www.durham.ca/tmp

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Cycling

Where is your favourite place to bike in Durham Region? Why?

What do you like about biking in Durham Region?

How would you improve your biking experience in Durham Region?
Using Transit

Where do you take the bus or train in Durham Region?

What do you like about taking the bus or train in Durham Region?

What are some things that would improve your bus or train trip?
Walking

Where do you like to walk to in Durham Region?

What do you like about walking in Durham Region?

What are some things that would get you to walk more in Durham Region?
Driving

Have you ever carpooled to work or school? What did you like? What did you dislike?

What road(s) in Durham Region would you like to see improve because of congestion?

Where do you like to drive in Durham Region? Why?