

Transportation Master Plan Update

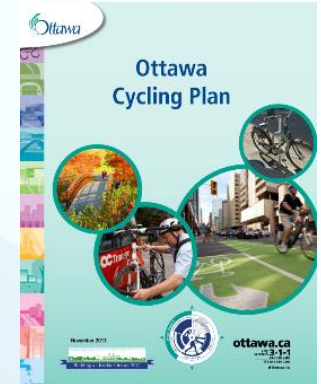
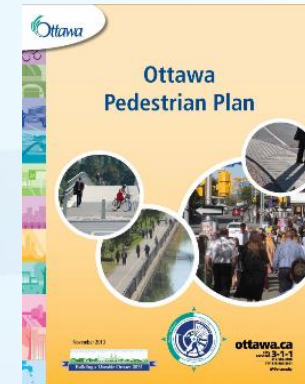
Federation of Citizens Associations Workshop

November 30, 2019

What is the Transportation Master Plan?

The Transportation Master Plan (TMP) is the City's blueprint for planning, developing and operating its transportation networks over the next 25 years. The City's previous TMPs have included:

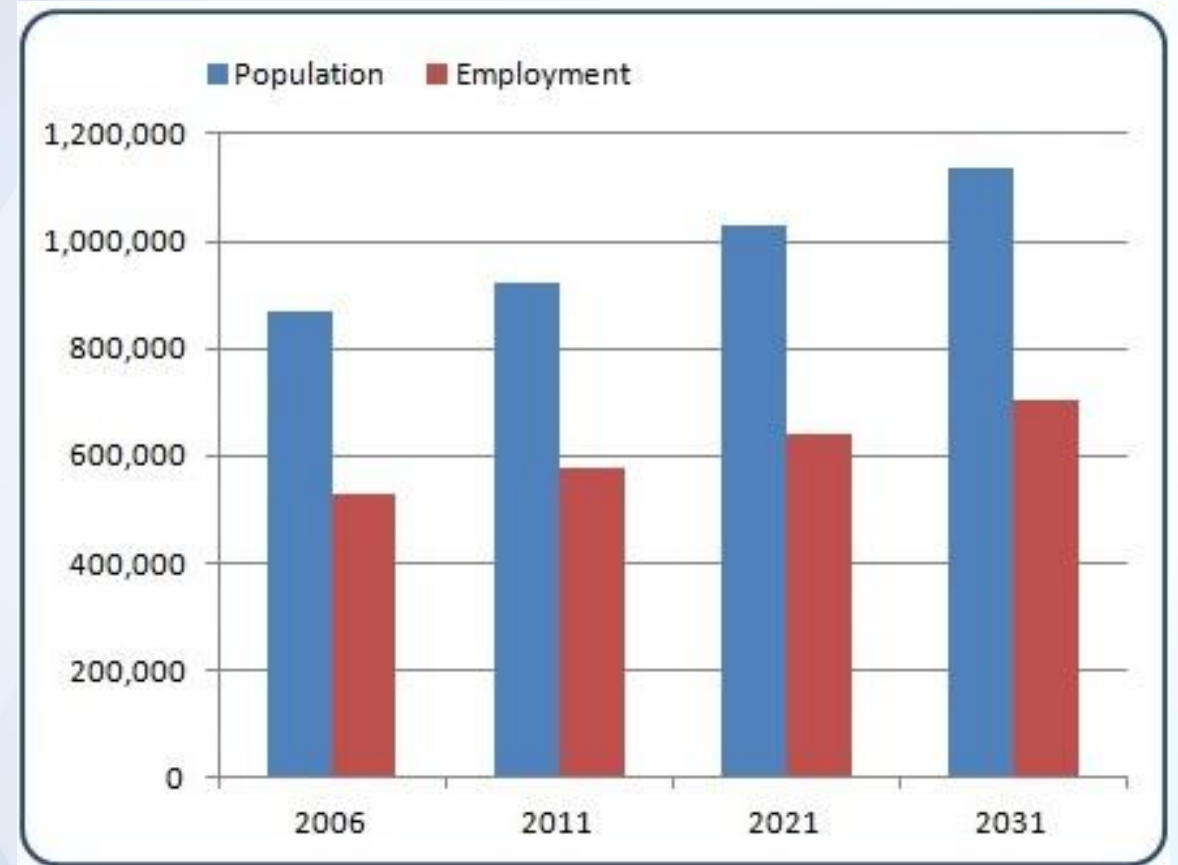
- A vision and guiding principles
- Supporting policies
- Future transportation networks (transit and road)
- Project prioritization and costing



The TMP and its companion documents – the Ottawa Pedestrian and Cycling Plans – fall under the City's overarching Official Plan.

Why is the TMP being Updated?

- Ottawa is growing and travel patterns and behavior are changing.
- Transportation is changing with new mobility options and the arrival of the Confederation Line LRT.
- The City is updating its Official Plan (OP) which guides overall growth and development.



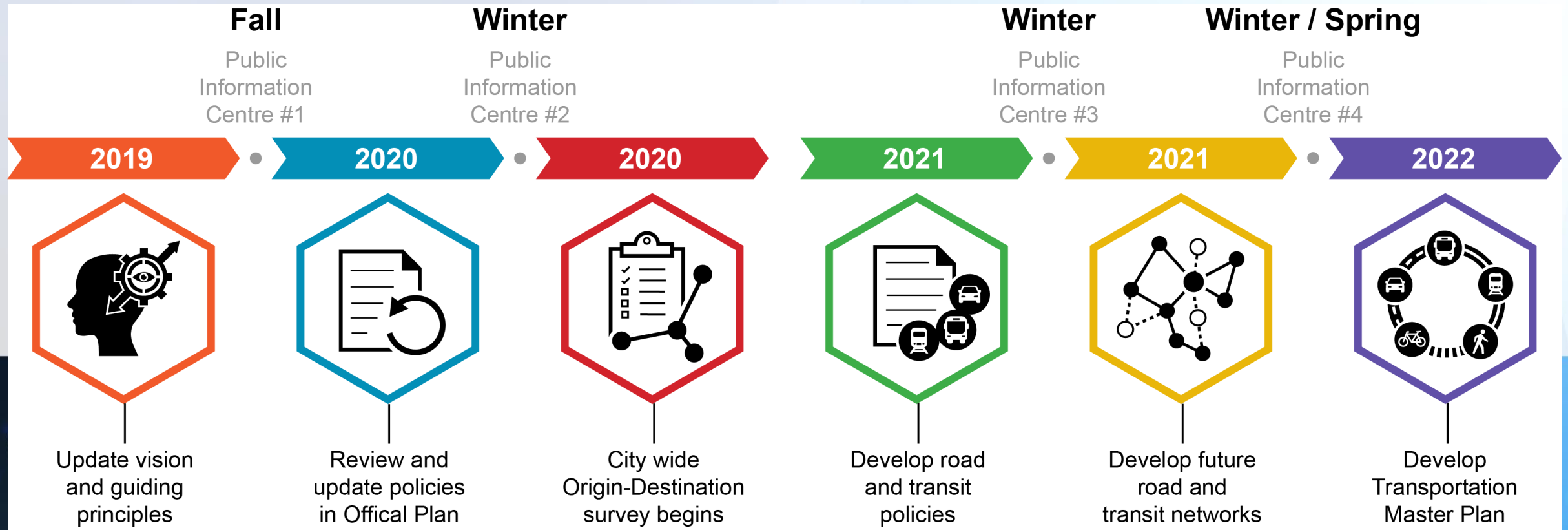
Source: City of Ottawa

TMP Update - Background

- The Scope of Work for the review and update of the Transportation Master Plan (TMP), Ottawa Pedestrian Plan, and Ottawa Cycling Plan was approved by Council on June 12, 2019.
- The Update will strengthen the existing directions and the vision for a sustainable, connected, and affordable transportation system
- Full TMP Update by April 2022
- Efforts coordinated with the Official Plan Review

What is the Study Process?

- The study has commenced and is anticipated to be complete in April 2022.
- The first round of public consultation is in December. Others will take place at key points throughout the study.



What is the Study Process? (continued)

Milestones

December 2019: TMP Directions

- The vision and guiding principles from the 2013 TMP will be updated to reflect emerging trends and new priorities.

March 2020: Linkages and Connections

- Building on the vision and guiding principles, policies in the Official Plan will be reviewed and updated to reflect best practices in transportation policy.

What is the Study Process? (continued)

Milestones (continued)

Winter 2021: Mapping the Course

- Transit policies will be developed with the objective of growing transit ridership and mode share.
- Road policies will be developed that reflect the need to plan for access and accommodating sustainable modes under the assumption that road expansion will be limited.

Fall 2021: The Path Forward

- Affordable road and transit networks will be developed using a holistic evaluation framework, including measures that reflect broad city priorities, such as land use, climate change, and equity impacts.
- A Final Study report will communicate Ottawa's transportation vision and plans.

2013 Transportation Master Plan

Transportation in Ottawa

- Transportation system overview
- Key travel trends and influences
- Population and employment in 2031
- Travel demand in 2031



Supportive Built Environment

- Use Planning Processes to Support Sustainable Choices
- Foster Development to Support Higher-order Transit

2013 Transportation Master Plan (continued)

Maximize Walkability

- Build a Continuous, Well Connected Pedestrian Network
- Create a Walkable Environment
- Improve Pedestrian Safety and Promotion

Develop a Great Cycling City

- Build and Maintain a Network of Quality Cycling Facilities
- Offer Attractive Intermodal Connections and Trip-end Facilities
- Improve Cycling Safety and Promotion



2013 Transportation Master Plan (continued)

Transform Ottawa's Transit System

- Expand the Rapid Transit and Transit Priority Network
- Integrate the Rapid Transit and Transit Priority Network into the Community

Provide Safe and Efficient Roads

- Design and Build Complete Streets
- Strategically Modify Road Network
- Maximize Road Network Efficiency
- Maximize Road Safety for All Users
- Enable Efficient Goods Movement
- Protect Neighbourhoods from Undesirable Impacts
- Minimize Environmental Effects



2013 Transportation Master Plan (continued)

Encourage Sustainable Mobility Choices

- Offer Incentives, Promotion and Education
- Make Carpooling More Attractive
- Enhance City Parking Facilities and Services

Invest Responsibly

- Respect the Limits of Affordability
- Affordable Life Cycle Costs
- Measure Transportation System Performance

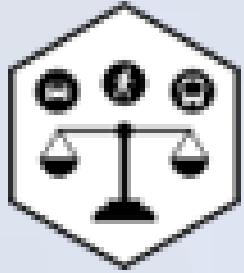


2013 Transportation Master Plan Vision

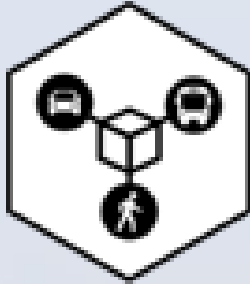
In 2031, Ottawa's transportation system will enhance our quality of life by supporting social, environmental and economic sustainability in an accountable and responsive manner.



Key Considerations



Equity, Inclusion,
and Accessibility



Affordability



Climate Change Master
Plan & Energy Evolution

Origin-Destination
Survey



NCC Interprovincial
Transportation Strategy



The TMP and the Official Plan Update

A central component of the first phase of the TMP is to contribute transportation policies to Ottawa's Official Plan Update. The New Official Plan Vision is to "*Make Ottawa the most liveable mid-sized city in North America*".

Five **Big Moves** support the vision:

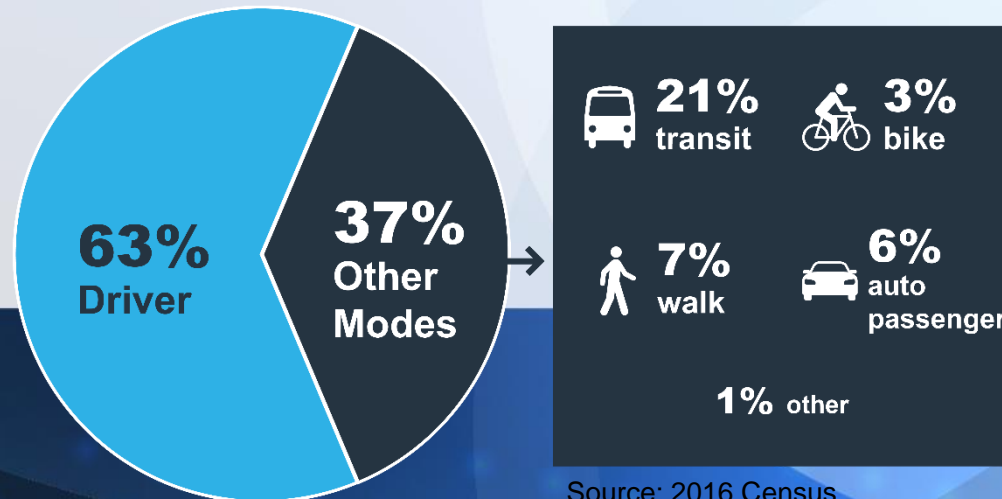
1. **Growth Management** – Growth through intensification for more complete communities
2. **Sustainable Mobility** – By 2046 the majority of trips will be made by sustainable transportation modes
3. **Community and Urban Design** – More sophisticated design at all scales
4. **Resiliency** – Embed public health, environmental, climate and energy resiliency in policy
5. **Economic Development** – Embed economic development in policy

Emerging Issues

In coordination with the Official Plan Review, the TMP Update will address emerging issues that are important to the future of transportation in Ottawa:

Increasing sustainable mode use: Ottawa residents are making almost 40% of trips by sustainable modes, but increasing the usage of these travel modes is critical for accommodating future travel demand, reducing GHG emissions and making city streets more liveable.

Share of Commute Trips by Mode of Travel



Source: 2016 Census

Emerging Issues (continued)

Ensuring that emerging transportation technologies and business models support the City's strategic goals: Ottawans have rapidly adopted **new mobility** services such as Uber and Lyft. Increased **connectivity and automation** is on the horizon. It is essential that technology and new business models contribute to Ottawa's liveability.

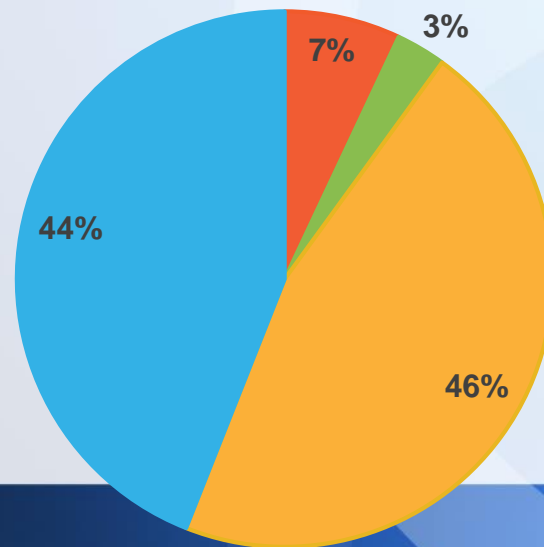


Source: Statistics Canada, 2016

Emerging Issues (continued)

Reducing Greenhouse Gas Emissions: 44% of Ottawa's GHG emissions come from transportation. Increased use of sustainable modes can reduce GHG emissions to the benefit of public health and the environment as a whole.

GHG Emissions Sources in Ottawa (2018)



Emerging Issues (continued)

Developing a transportation system that works for everyone (equity, inclusion, and accessibility):

Equity is about treating everyone fairly by acknowledging peoples' unique situations and addressing barriers, especially for vulnerable residents. The application of an “equity and inclusion lens” will help create a transportation system that serves different people in different ways.

The TMP update will develop made in Ottawa equity measures, which will include:

- **Reviewing practices** in other cities, current City of Ottawa practices, and example “equity tools” from other places
- Considering **equity in public engagement**
- Examining the issue of **affordable transportation** and continue to emphasize the importance of **universal design**
- Developing **transportation equity measures** for the TMP in consultation with a wide range of groups that aim to **serve the needs of different people in different ways**
- Enhancing **integration with land use** and other key decision making

Emerging Issues (continued)

Improving the coordination between land use and transportation planning: Ottawa is growing and getting denser. Growth and density near rapid/frequent transit will encourage more sustainable modes use by putting more people closer to higher-order transit.



Active Transportation

Priority areas for consideration as part of the **active transportation** plans:

- Expanding pedestrian and cycling networks
- Emerging pedestrian and cycling facility design issues for urban and rural areas (e.g. urban/rural, micro-mobility)
- Inform the review of Public Works and Environmental Services Department winter maintenance priorities
- Identify programs to support walking and cycling (education, bike parking, data collection, etc.)



“White Papers”

A series of five **white papers** are being drafted to **explore some of these issues more deeply** to inform the development of TMP policies. These white papers will cover:

- Accounting for the full **cost of travel** in transportation planning
- **Climate change mitigation and resiliency** strategies
- Planning for a **lower/zero emission OC Transpo bus fleet**
- Evaluating new sources of **funding and revenue**
- Determining the role of **new mobility** within Ottawa’s urban ecosystem

Engagement

The TMP Update will include public and stakeholder consultation throughout the project based on the project's major milestones. The consultation program will include a project webpage (ottawa.ca/TMPUpdate), online questionnaires, public meetings, and community outreach. Consultation will be coordinated with those being done as part of the Official Plan review and will include engagement with the following groups:

- Council Sponsors Group
- City Advisory Committees
- Internal City staff
- Community Groups
- Industry Groups
- Agencies
- Equity-seeking groups

The first round of public engagement will begin in early December.

Questions?

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