

# **Transportation Planning Workshop/Symposium**

*November 5-6, 2020*

**Register online at:**  
<https://apps.otc.org/Events/>





## VIRTUAL SYMPOSIUM PROGRAM



### SYMPOSIUM MC – Day 1

Mehemed Delibasic  
Assistant Vice President,  
Transportation Planning & Traffic  
Eng., McIntosh Perry



### SYMPOSIUM MC – Day 2

David Angelakis  
Senior Project Manager  
R.J. Burnside & Associates

## Thursday, November 5, 2020

8:45–8:50 AM

Welcome/Opening Remarks

### PANEL SESSION

### **Transportation Master Plan Joint Presentations**

#### Panel Moderator:



#### **Mehemed Delibasic**

*Assistant Vice President, Transportation Planning & Traffic  
Eng., McIntosh Perry*

#### Panelists:



#### **John Grieve**

*Supervisor of Transportation | Planning & Development  
Services, Town of Ajax*

#### Ajax Integrated Transportation Master Plan (ITMP)

*In late 2017, the Town retained WSP Canada to simultaneously update the 2010 Pedestrian and Bicycle Master Plan and the 2013 Transportation Master Plan to develop an Integrated Transportation Master Plan (ITMP). Utilizing both reports, the 2019 ITMP strives to merge the two documents into one all-encompassing planning document. The ITMP is a multi-modal planning tool which seeks to continue improving walking, cycling and motorized transportation in the Town to the year 2031 and beyond. The plan is intended to help the Town address projected growth, align with Provincial and Regional policies, enhance community benefits, respond to new transportation trends, and encourage public engagement and participation in decision-making.*

8:50–10:20 AM



**Zac Henderson**  
*Transportation Planner*  
*IBI Group*

*City of Thorold Transportation Master Plan*

*The City of Thorold, population 18,801, is expected to grow significantly in the coming decades, and its new TMP positions the City to successfully accommodate this growth by shifting the focus towards a more multi-modal future, improving connections between major trip generators, and providing transparent and fiscally accountable infrastructure planning.*



**Jennifer Armstrong**  
*Program Manager, Transportation Policy & Networks*  
*City of Ottawa*

*City of Ottawa Transportation Master Plan*

*In June 2019, Ottawa City Council approved the scope of work for updating the City's Transportation Master Plan (TMP) and associated Pedestrian and Cycling Plans. The second phase of the project is currently wrapping up, with final project completion targeted for Fall 2023. This presentation will describe the TMP process being followed by the City, including new areas of focus since the previous TMP; data considerations; performance metrics for multi-modal, multi-objective planning; and the approach being taken to address the impacts of the pandemic and associated uncertainty.*






**Gene Chartier**  
*Vice President and Chief Development Officer*  
*Paradigm Transportation Solutions Limited*

*From Work to the Beach in Five Minutes! The Town of Saugeen Shores Transportation Master Plan*

*Saugeen Shores is the fastest growing community in Bruce County and ranked one of the best places to live in Canada. With the municipality poised for continued growth, the Town of Saugeen Shores retained Paradigm Transportation Solutions Limited and GSP Group to prepare its first Transportation Master Plan. The plan provides a vision and policy framework for a multi-modal transportation system that will meet mobility needs in the Town to the year 2031 (and beyond). It aims to maintain the high quality of life that Saugeen Shore residents enjoy, safeguard the environment, and facilitate continued growth and economic prosperity within the community.*




*The presentation will outline the plan development process, highlighting key challenges and unique considerations experienced in creating the transportation strategy for this idyllic lakeshore community.*





10:20–10:40 AM	Break (20 mins)
10:40–11:25 AM	<p><b>Automated Vehicles and Our Infrastructure: What Does That Mean?</b></p> <div>  <p>Laurie Matkowski <i>Connected and Automated Vehicle (CAV) Services Director</i> Gannett Fleming Canada ULC</p> </div> <div>  <p>Ryan D. Rice <i>Advanced Mobility Senior Strategist</i> Gannett Fleming Canada ULC</p> </div> <p><i>Agencies design transportation systems for different types of drivers and users. How will Automated Vehicles (AVs), the new "driver", best interact with our existing physical and digital infrastructure? How will we need to plan transportation differently in the future? Speakers will address best practices and policy considerations for the safe integration of AVs into the roadway environment through a holistic approach to create a seamless mobility ecosystem. Topics will include considerations with traffic control, systems operations and maintenance, asset management, data sharing, and research and development.</i></p>
11:25 AM –12:10 PM	<div>  <p><b>GGH Transportation Plan Development – Status Update</b></p> <p>Jin Wang <i>Transportation Planner</i> MTO</p> </div> <p><i>A brief presentation by MTO to provide an overview of the process of the GGH Transportation Plan development and status update. The presentation will highlight some of the transportation challenges facing the GGH such as the impact of COVID-19 and other disruptors. It will also include a brief update on the goods movement work and next steps.</i></p>
12:10–12:15 PM	Closing Remarks



**Friday, November 6, 2020**

8:45–8:50 AM	Opening Remarks
8:50–9:35 AM	<p><b>Advances in Networkwide Safety Reviews</b></p> <div>  <p>Soroush Salek Ph.D., P.Eng. CIMA+</p>  <p>Giovani Bottesini P.Eng. CIMA+</p> </div> <p><i>Traditionally, network wide safety reviews consisted of identifying sites with high collision frequencies or with high collision rates. With the publication of AASHTO's Highway Safety Manual in 2010, the use of collision prediction models became the standard approach to screen a network and identify locations with the highest potential for safety improvement (collision black spots), which would then be followed by the completion of engineering safety reviews at the higher-ranked sites. Despite its success in forming robust safety management programs, collision based network screening is mostly reactive in nature, since identification and prioritization of sites rely heavily on the occurrence of collisions. Recently, systemic safety reviews, which focus on the presence of risk factors rather than collision history, have been considered as a complementary approach to proactively select collision prone locations across a network. Collision based network screening, systemic safety reviews, visual inspection of the road network, and the macro-level safety reviews will be reviewed in this presentation.</i></p>
9:35–10:20 AM	<div>  <p><b>CAV Readiness Plan-What it is and how to use it</b></p> <p>Mara Bullock Smart Mobility National Manager WSP</p> </div> <p><i>In 2020, the GTHA and Waterloo Corridor Connected and Automated Vehicle Readiness Plan was finalized. This report was developed through support from a Steering Committee comprised of MTO, MX, Region of Peel, City of Toronto and WSP and through consultation with over 70 public stakeholders. This session will walk through what the plan is including an overview of how the guidelines and program areas were developed. A high level overview of the infrastructure, institutional, operation and public lever guidelines will be provided as well as a deeper dive into one or two as illustration. In addition, a description of how the guidelines can be applied by public sector agencies across Ontario and Canada as well as some examples will be provided.</i></p>
10:20–10:35 AM	Break (15 mins)



10:35–11:20 AM	<p><b>Ahead of the Curve: Ontario's Approach to Emerging Transportation Technologies</b></p> <div>  <p><b>Erik Thomsen</b> <i>Manager- Road Safety Programs Office</i> MTO</p>  <p><b>Joanna Hazelden</b> <i>Manager-Emerging Technologies Office</i> MTO</p> </div> <p><i>This presentation will provide an overview of the various regulatory and policy measures in place in Ontario to promote the province as a leading jurisdiction for the testing and deployment of emerging transportation technologies (such as connected and automated vehicles). Specific topics include such items as a discussion of the Automated Vehicle Pilot program, the Autonomous Vehicle Innovation Network, inter-jurisdictional cooperation, and long-term planning.</i></p>
11:20 AM –12:05 PM	<p> <b>Kitchener's Complete Streets Guidelines and Scorecard</b></p> <p><b>Darren Kropf</b> <i>Active Transportation Planning Project Manager</i> City of Kitchener</p> <p><i>Kitchener's new Complete Streets guidelines and scorecard are used to guide all roadway projects in Kitchener. The vision for Kitchener's Complete Streets approach is that "Every street in Kitchener is safe, comfortable and convenient for all." With updated cross-sections and the latest in street design for all users, the guidelines are improving safety, providing transportation choices and advancing sustainability.</i></p>
12:05–12:50 PM	<p> <b>ActiveTO–A Temporary Interjection for a Permanent Intervention in Toronto</b></p> <p><b>Eric Chan</b> <i>Manager, Area Transportation Planning,</i> City of Toronto</p> <p><i>Could COVID-19 be the catalyst to tilt the mobility equity scale towards sustainability? Like many municipalities, City of Toronto has created a number of COVID-19 related responses tied to transportation, such as <a href="#">CurbTO</a>, <a href="#">RapidTO</a> and <a href="#">ActiveTO</a>. They are temporary initiatives to provide people with space to get around and respect physical distancing. ActiveTO includes 1) quiet streets, 2) closing major roads for active transportation, and 3) expanding the cycling network. This presentation focuses on one of the cycling network expansion projects: the Wilmington-Faywood corridor in North York. To ensure its perpetual effectiveness, an integrated and holistic neighbourhood-wide mobility plan is undertaken to complement the cycling project.</i></p>
12:50–12:55 PM	Closing Remarks