

Oct 31 Panel Discussion Topics:

- **Latest AI in ITS** - The City of Toronto is one of the fastest growing cities in North America and the World. Meanwhile, with increased traffic and construction activity, Toronto also struggles with traffic congestion and efforts to reduce traffic demands and emissions. As the population grows, and demands on city roads and road infrastructure intensifies, the need to move people and goods across the city more efficiently is becoming pressing and paramount. AI-based traffic management solutions may be able to respond to changing traffic patterns and signal communications across the City's transportation network.
- **Digital Transformation in Transportation** - Digital Transformation refers to the integration of digital technologies into all aspects of an organization's operations, fundamentally changing the way it operates and delivers value to its customers. It involves leveraging technology to streamline processes, enhance efficiency, improve decision-making, and create innovative products or services. The goal of digital transformation is to use digital tools and technologies to drive significant improvements in business performance and stay competitive in a rapidly evolving digital landscape.
- **ITS Support for Accessibility** - Toronto's emphasis in the new Congestion management Plan is to be moving more 'people' through corridors rather than just cars. An emphasis on accessibility is crucial to achieving this goal. This session will provide an update on the various new and innovative ITS technologies associated with supporting people with accessibility needs.
- **New City of Toronto and OVIN Partnership to Bring Innovative Ontario Based Solutions to the Forefront** - This session will speak to the new partnership between OVIN and the City of Toronto to provide funding to Ontario based small and medium sized enterprises to test and potentially become pre-qualified Vendors not only for the City of Toronto but, for the province at large.
- **Special Event Traffic Management** – From Taylor Swift to FIFA 2026 all underscored by the Gardiner construction work, the City of Toronto has its work cut out for it with respect to managing special events in the City. Learn about the partnerships being established with key players and engage in the conversation about what more can be done from an ITS perspective to support all of these major events
- **Technology in Transit** – given the incredible amount of construction occupying the right-of-way in Toronto, it is imperative that transit be safe and reliable. Learn of the latest approaches in ITS technology being planned and implemented to support transit operation including AI based transit signal priority, leveraging connected mobility technology and automated enforcement to help keep transitways clear.