

Traffic Topics Webinar

ITS and the Connected Corridor

Tuesday, July 17, 2018, 2:00 p.m. - 3:00 p.m.

Water's Edge, conference rooms A&C

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Presentation overview

The Connected Corridor is a vision for gaining critical agency experience with Connected Vehicle (CV) for the Minnesota Department of Transportation, while finding pathways to early benefits of CV for the department and the traveling public. The program includes two key regional arterials and a select number of vehicles to be outfitted with Connected Vehicle (CV) communications infrastructure. Vehicle-to-Infrastructure (V2I) technology, deployed at traffic signals, will allow the exchange of information between vehicles and equipment at intersections. This exchange of information enables CV applications, which (directly and indirectly) aim to improve the quality of life of roadway users along the selected arterials. MnDOT is looking to innovative applications, such as Snow Plow Signal Priority, vehicle/pedestrian conflict warnings and others, as well as broader sharing of data with third parties, to provide safety and mobility benefits in the near-term.

Presenter



Cory Johnson is the Statewide Intelligent Transportation Systems (ITS) Program Engineer for MnDOT's Office of Connected and Autonomous Vehicles. He has been working in that position since February 2010. He manages the ITS group that develop and deploy new and innovative ITS systems across the state of MN. He is responsible for delivering projects that use technology to improve the overall transportation system for all users. The group's current focus is on projects such as Connected Vehicles, Autonomous Vehicle Demonstrations, and Rural Intersection Warning Systems.

Cory has worked for MnDOT for over 25 years. In those 25 years he has held several positions. Most recently he was the State Research Director where he managed all aspects of the MnDOT research and implementation program as supported by MnDOT, county, and city leadership. Prior to that, he held engineering positions in Metro Water Resources, Metro Maintenance, and MnDOT's first TMC.

Cory is a licensed MN professional engineer who received his bachelors of civil engineering degree with distinction from the University of MN in 1992.