

**ARTS22 Breakout Session Title:**

334-How Connected Vehicle Deployment Lessons Lay the Groundwork for Highly Automated Vehicles

**Session Contact/Organizers:**

*Greg Krueger, HNTB*

**Session Description**

As the Bipartisan Infrastructure Law (BIL) advances funding for the next generation deployments of innovative transportation solutions across the country, many agencies are still looking to understand their role in facilitating highly automated vehicle deployments and operations. This session will explore lessons learned from the last round of federal investment and seek to clarify what work is left to be done.

Hearing from agency leadership looking back on the initial Connected Vehicle infrastructure roll out, this session will explore important accomplishments, integration challenges, and outstanding work for modernizing infrastructure and provide a look forward to upcoming goals and opportunities to facilitate the roll out of highly automated vehicles.

**Goals/Objectives/Outputs**

- Identify lessons learned from CV projects, early AV pilots, and outstanding milestones for Smart Mobility
- Understand the constraints of implementing technology in a still-evolving market
- Explore next steps for the policy and infrastructure needed to enable highly automated vehicle

**Agenda**

- Panel Discussion
  - **Bob Frey**, Director of Planning and Innovation, Tampa Hillsborough Expressway Authority
  - **Marisa Walker**, Executive Director, Institute of Automated Mobility at Arizona
  - **Elise Feldpausch**, Connected Vehicle Specialist, Michigan Dept. of Transportation
  - **Michael Feldman**, Assistant Vice President of Automation, Jacksonville Transportation Authority
  - *Facilitator: Julie Evans*, Senior Systems Engineer, RS&H
- Cooperative Driving Automation Trends
  - **Safak Ercisli**, Data Driven Transportation Solutions Lead, Leidos