

Session Summary

- Build consensus on the substance and context of national transportation digital infrastructure strategy to support automation and emerging national priorities
- Consider the holistic automation of transportation network infrastructure systems for people, goods, energy, information, and finance across different domains
- Enable an actively collaborating global community for research and deployment

Key Findings and Lessons Learned

- We are at an inflexion point in terms of action in terms of roadway digital infrastructure.
 - There is urgency and opportunity to act now to support emerging needs for automation and other priorities.
- Focus on early wins in terms of Day 1 services that are possible today especially across multi-state corridors
- “De-Silofication” within our agencies, within our systems and across boundaries
- Emphasizing national interest is critical and investments in digital infrastructure drive positive outcomes for safety, equity, efficiency.
- There are international models of success around harmonization of roadway digital infrastructure available for consideration
- Convergence of Digital Infrastructure needs across domains needs to be better understood.

Outcomes and Research Needs Statements

- Advancing multi-state corridor-level harmonization of digital infrastructure capabilities and services
- Collaboration strategy with other US national organizations (ITSA, 5GAA, etc)
- International collaboration strategy with EU & UK on research, development, and technology (RD&T)
- Understanding the linkage of roadway digital infrastructure with energy, emergency response