VEHICLE-TO-EVERYTHING (V2X) COMMUNICATIONS SUMMIT:
Preparing for V2X Deployment

DATE & LOCATION

August 24 & 25, 2022

U.S. DOT Headquarters
1200 New Jersey Ave., SE
Washington, DC 20590

REGISTRATION

To register for the V2X Communications Summit (in-person & virtual attendees): **https://usdotv2xsummit.eventbrite.com**

OBJECTIVE

Convene ITS community stakeholders to provide information to U.S. DOT to support development of a U.S. DOT V2X deployment action plan that optimizes V2X benefits for the Nation

August 24* | Identifying a Path Forward for V2X Deployment

8:00 AM - 8:45 AM   **Event Registration/Launch of Virtual Platform**

8:45 AM - 8:55 AM   **Housekeeping Items**
- **Suzanne Sloan**, *Technology Policy Advisor, Volpe National Transportation Systems Center, U.S. Department of Transportation (US DOT)*

8:55 AM - 9:00 AM   **Welcome**
- **Egan Smith**, *Acting Director, Intelligent Transportation Systems Joint Program Office (ITS JPO), US DOT*

9:00 AM - 9:15 AM   **Setting the Stage for the Summit: Deploying V2X**
- **Dr. Robert C. Hampshire**, *Deputy Assistant Secretary for Research & Technology and Chief Science Officer, US DOT / OST-R*

9:15 AM - 9:55 AM   **USDOT Grants with V2X Opportunities**
- **David Harris**, *Program Manager, Federal Highway Administration (US DOT / FHWA):* **Advanced Transportation Technologies and Innovative Mobility Deployment (ATTIMD)**
- **Ben Levine**, *Senior Advisor for Research and Technology, Office of the Assistant Secretary for Research and Technology (US DOT / OST-R):* **Strengthening Mobility and Revolutionizing Transportation (SMART)**
- **Dana Gigliotti**, *Director of the Office of Safety Programs (US DOT / FHWA):* **Safe Streets and Roads for All (SSA4)**
- **Chris Atkinson**, *Deputy Director for Advanced Research (US DOT / OST-R):* **Advanced Research Projects Agency-Infrastructure (ARPA-I)**

*Please note that times may be subject to change.

U.S. Department of Transportation

9:55 AM - 11:30 AM

V2X Deployer Panel
- **Steve Kuciemba** (Panel Moderator), WSP, Chair of the ITS America Standing Committee on V2X and Connected Communications
- **Brian Cronin**, Director, Office of Safety and Operations Research and Development, US DOT / FHWA
- **Blaine Leonard**, Transportation Technology Engineer, Utah DOT (pre-recorded)
- **John Hibbard**, Operations Division Director, Georgia DOT
- **Ashley Nylen**, Assistant Director for Mobility Technology, Colorado DOT (pre-recorded)
- **Debra Bezzina**, Managing Director, Center for Connected and Automated Transportation & Senior Program Manager, Ann Arbor Connected Vehicle Test Environment, University of Michigan
- Audience Q & A

11:30 AM - 11:45 AM

BREAK

11:45 AM - 1:15 PM

US DOT LTE-CV2X Testing: Data Analysis and Observations on Technology Performance, Interference Performance, and Adequacy of the 30 MHz
- **Dr. Jonathan Walker** (Panel Moderator), Division Chief, Policy, Architecture, and Knowledge Transfer, US DOT / ITS JPO
- **Jeff Bellone**, Economist/Systems Engineer, US DOT / Volpe Center
- **Tom Schaffnit**, Operations Research Analyst, US DOT / Volpe Center
- **Walt Fehr**, Principal Technical Advisor,, US DOT / Volpe Center
- **Jason Conley**, Executive Director, OmniAir
- Audience Q&A

1:15 PM - 2:15 PM

LUNCH BREAK

2:15 PM - 2:20 PM

Welcome
- **Karen Van Dyke**, Director, Office of Positioning, Navigation, and Timing & Spectrum Management, Office of the Assistant Secretary for Research and Technology

2:20 PM - 2:30 PM

National Telecommunications and Information Administration (NTIA)
- **Charles Cooper**, Associate Administrator, Office of Spectrum Management

2:30 PM - 3:30 PM

Initial Thoughts on V2X Deployment within 30 MHz: ITS America Survey Results
- **Tim Drake**, Vice President, Public Policy and Regulatory Affairs, ITS America
- Audience Q&A

3:30 PM - 3:45 PM

BREAK

U.S. Department of Transportation

3:45 PM - 4:30 PM **A "Thought-Vision Panel" Broadening ITS Communications to Optimize Public Benefits of V2X**
- *Suzanne Sloan (Panel Moderator), Technology Policy Advisor, US DOT / Volpe Center*
- *John Harding, Team Leader Connected Vehicles & Emerging Technologies, US DOT / FHWA*
- *Steve Sill, Architecture, Standards, and Cybersecurity Program Manager, US DOT / ITS JPO*
- *Audience Q&A*

4:30 PM - 4:45 PM **Summary of Day One + Agenda for Day Two: Near-Term Actions & Requirements and Future a Vision**
- *Suzanne Sloan, Technology Policy Advisor, US DOT / Volpe Center*

4:45 PM **Conclude Day One**

August 25* | Stakeholder Forum: The Future of V2X

8:00 AM - 8:45 AM **Event Registration/Launch of Virtual Platform**

8:45 AM - 8:55 AM **Introduction/Housekeeping Items**
- *Suzanne Sloan, Technology Policy Advisor, US DOT / Volpe Center*

8:55 AM - 9:00 AM **Welcome**
- *Dr. Robert C. Hampshire, Deputy Assistant Secretary for Research & Technology and Chief Science Officer, US DOT / OST-R*

9:00 AM - 9:30 AM **National Transportation Safety Board: The Safety Promise of V2X**
- *The Honorable Michael E. Graham, NTSB Member*

9:30 AM - 9:40 AM **Audience Engagement on Day One Topics: Breakout Session Instructions**
- *Suzanne Sloan, Technology Policy Advisor, US DOT / Volpe Center*

9:40 AM - 11:00 AM **Breakout Session #1: Four Topics to Discuss Challenges and Near-Term / Longer-Term Needed Actions**
- **(1)** *Path to Using the 30 MHz*
- **(2)** *Evolution to Advancement*
- **(3)** *Path to V2X Deployment*
- **(4)** *Establishing Certainty*

11:00 AM - 11:15 AM **BREAK**

11:15 AM - 12:00 PM **Breakout Summaries**

12:00 PM - 1:15 PM **LUNCH**

U.S. Department of Transportation

1:15 PM - 2:00 PM   **Industry Panel: The Path to Deployment**
- *Chris Armstrong* (Panel Moderator), *Vice President, Smart Mobility Office, Panasonic Corporation of North America*
- *Laura Chace*, *President and CEO of ITS America*
- *Jim Tymon*, *Executive Director, American Association of State Highway and Transportation Officials (AASHTO)*
- *Hilary Cain*, *Vice President of Technology, Innovation, and Mobility Policy, Alliance for Automotive Innovation*

2:00 PM - 3:30 PM   **Breakout Session #2: Industry Sector Discussions**
- *Federal Government*
- *State Departments of Transportation*
- *Infrastructure*
- *Vehicle Manufacturers, Suppliers, Device Manufacturers, Chip Makers*
- *Standards*
- *Associations/Advocacy Organizations*
- *Academia*

3:30 PM - 3:45 PM   **BREAK**

3:45 PM - 4:45 PM   **Reconvene Industry Panel**
- *Chris Armstrong* (Panel Moderator), *Vice President, Smart Mobility Office, Panasonic Corporation of North America*
- *Laura Chace*, *President and CEO, ITS America*
- *King Gee*, *Director of Safety and Mobility, AASHTO*
- *Hilary Cain*, *Vice President of Technology, Innovation, and Mobility Policy, Alliance for Automotive Innovation*
- *Egan Smith*, *Acting Director, US DOT / ITS JPO*

4:45 PM - 5:00 PM   **Closing Remarks**
- *Dr. Robert C. Hampshire*, *Deputy Assistant Secretary for Research & Technology and Chief Science Officer, US DOT / OST-R*

5:00 PM   **Conclude Day Two**

U.S. Department of Transportation