



ITS AMERICA

Timothy Drake
Vice President, Public Policy and
Regulatory Affairs

Transforming Transportation through Technology

Safer. Greener. Smarter.



Agenda

- Federal Transportation Policy
- ITS America Committees
- V2X and 5.9 GHz
- New Policy and Principles
- State Chapters
- MobilityXX

Federal Transportation Policy

- ITS America's Surface Transportation Reauthorization Platform
- Infrastructure Investment and Jobs Act (IIJA)
- Budget Reconciliation and Build Back Better

ITS America's Surface Transportation Reauthorization Platform



FIXING AMERICA'S SURFACE TRANSPORTATION (FAST) ACT REAUTHORIZATION

PLATFORM AND RECOMMENDATIONS

Moving People, Data, and Freight: Safer, Greener, Smarter.

ITS America's vision is "A better future transformed by intelligent mobility – one that is safer, greener, and smarter." Our mission is to advance the research and deployment of intelligent transportation technologies and solutions to save lives, improve mobility, promote sustainability, and increase efficiency and productivity.

Our focus is policy that accelerates seamless mobility technology, connected and automated vehicle technologies, and smart infrastructure; policy that breathes new life into our transportation infrastructure by expanding investments in technologies that support smart communities; and policy that encourages new models and modes of transportation, including micro-transit, ride-sourcing, carshare, bike-share, micro-mobility, and unmanned systems. Investments in these new modes should also address issues of transportation equity so everyone gains access to mobility and opportunity. That said, our first and foremost priority has been, and continues to be, safety.

Founded as an official advisory board on road technology to the U.S. Department of Transportation, ITS America represents state and city departments of transportation, metropolitan planning organizations, automotive manufacturers, technology companies, engineering firms, automotive suppliers, insurance companies, and research and academic universities.¹⁰ Our Board Chair is Ramin Masoum, Senior Vice President & General Manager, Ieris Inc.; our Vice-Chair is Roger Miller, Secretary, Washington State Department of Transportation.

Over the years since the Fixing America's Surface Transportation (FAST) Act was signed into law, automated and connected vehicle technologies have advanced, the collection and use of big data has become an increasingly valuable tool

¹⁰ The ITS America Board is represented by the following organizations: AAA, AECOM, Amazon Web Services, Arizona Department of Transportation, California PATH University of California Berkeley, California State Transportation Agency, Central Ohio Transit Authority, Cisco, Colis, District of Columbia Department of Transportation, Ecosolve, Florida Department of Transportation, Ford Motor Company, General Motors, Google, PrePass Safety Alliance, HNTB, Ieris, Los Angeles Department of Transportation, MCity, Michael Baker International, Michelin, Michigan Department of Transportation, National Renewable Energy Lab, New York City Department of Transportation, Panasonic North America, Qualcomm, San Francisco Bay Area Metropolitan Transportation Commission, San Francisco County Transportation Authority, State Farm Insurance, Texas Department of Transportation, Texas Transportation Institute, Toyota, Virginia Department of Transportation, and Washington State Department of Transportation.

- Integration of Advanced Technologies
- Cybersecurity
- Vehicle-to-Everything (V2X)
- V2X 5.9 GHz Policy
- Mobility on Demand
- Smart Transit
- Congestion Pricing
- National Vision Zero Policy
- Transportation Electrification
- Connected Automated Vehicle Research
- Planning for Emerging Technologies
- Transportation Technology Equity
- Surface Transportation Broadband

Infrastructure Investment and Jobs Act

- **New Federal Investment – \$274 billion for transportation and infrastructure under USDOT**
 - \$110 billion for roads, bridges, and other major projects
 - \$65 billion for passenger rail and freight
 - \$39 billion for public transit
- **FAST Act Reauthorization – \$550 billion over five years (FY 2022-2026)**
 - \$350 billion for highway programs
 - \$10.5 billion for safety programs
 - \$91 billion for transit
 - \$16.1 billion for mega projects

Infrastructure Investment and Jobs Act

• New USDOT Funding Overview

- \$12.5 Billion for National Infrastructure Investments
- \$500 million for Strengthening Mobility and Revolutionizing Transportation Grant Program
- \$5 billion for Safe Streets and Roads for All Grants
- \$27.5 billion for the Bridge Replacement, Rehabilitation, Preservation, Protection, and Construction Program
- \$9.24 billion for a Bridge Investment Program
- \$5 billion for a National Electric Vehicle Formula Program
- \$3.2 billion for the Nationally Significant Freight and Highways Projects Program (supports an increase in baseline funding to the INFRA grant program)
- \$150 million to carry out the Reduction of Truck Emissions at Port Facilities Program
- \$95 million for the University Transportation Centers Program
- \$500 million for the Reconnecting Communities Pilot Program

Infrastructure Investment and Jobs Act

- Electrification of the Transportation System
- Expanded Technology Eligibility
- New Research Opportunities
- Missed Opportunities

Budget Reconciliation and Build Back Better

- Update on Budget Reconciliation
 - Process
 - Negotiations
 - Infrastructure?



ITS America Standing Committees

- Smart Infrastructure
- V2X and Connected Transportation
- Autonomous Vehicles
- Mobility on Demand
- Emerging Technology
- Sustainability and Resiliency

V2X and 5.9 GHz Update

- **FCC 5.9 GHz Rulemaking**
 - First Report and Order
 - FNPRM
- **Remaining Issues**
 - Interference
 - Reimbursement
 - Additional Spectrum
- **Legal Appeal**
 - Focused on the reallocation of the lower 45 MHz
- **Future of V2X Working Group**
 - 30 MHz Application Map



ITS America New Policy and Principles

- Sustainability and Resiliency Policy
- Road Usage Charge Principles
- Equity, Climate, Safety, and Infrastructure Principles for Automated and Autonomous Mobility

Sustainability and Resiliency Policy

- Light-Duty Vehicles
- Medium- and Heavy-Duty Vehicles
- Zero-Emission Vehicle Charging and Fueling Infrastructure and Use of Rights-of-Way
- Workforce Development
- Electric Grid Sustainability and Resiliency
- Research and Development

Road Usage Charge Principles

- Road Usage Charge Advisory Committee
- Nationwide Public Education Campaign
- Standards Development
- Surface Transportation System Funding Alternatives (STSFA) Program
- Interoperability
- Data Use, Security, and Privacy

Equity, Climate,
Safety, and
Infrastructure
Principles for
Automated and
Autonomous
Mobility

- Improving Transportation Safety
- Expanding Transportation Equity
- Accessible Transportation
- Sustainable Transportation
- Advancing Electrification Goals
- Modernizing America's Infrastructure

ITS America and our State Chapters



- **Monthly State Chapters Council Calls**
- **Quarterly Policy Updates**
- **Annual Meetings and Events**
- **2021 Programs**
 - Diversity, Equity & Inclusion Work; MobilityXX
- **2021 State Chapters Awards**
- **Looking Ahead to 2022**
- **Liaison: Lindsay Shelton-Gross, lshelton-gross@itsa.org**

A woman with curly hair, wearing a dark coat, is standing on a city street at night, looking at her smartphone. The background is filled with blurred city lights and a yellow taxi cab. A dark blue banner is overlaid on the image, containing the text 'MOBILITYXX' and '10 % | 10 YEARS'. Below the banner, the text 'Empowering women in transportation empowers all women.' and the website 'www.mobilityxx.org' are displayed.

MOBILITYXX

10 % | 10 YEARS

Empowering women in transportation empowers all women.

www.mobilityxx.org



ITS America
2021 Annual Meeting

Charlotte, North Carolina
December 7-10, 2021

www.itsamericaevents.com



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TRANSFORMATION BY TRANSPORTATION

September 18 -22, 2022 | Los Angeles, CA

Host:



Co-Hosts:





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