

Research and Technology Coordinating Committee (Federal Highway Administration)

Committee

Carlos M. Braceras

Chair

Carlos Braceras is Executive Director of the Utah Department of Transportation (UDOT), a position he has held since 2013. Before being appointed to lead the agency, he had been Deputy Director since 2001. Earlier in his career at UDOT was responsible for development of the environmental documents, design-build contracts, and construction of the Legacy Parkway/I-15 North Projects, earning him State of Utah Governor's Manager of the Year and UDOT Leader of the Year awards. He was member of the board of directors and Past President of the American Association of State Highway and Transportation Officials (AASHTO). He is currently chair of the AASHTO Design Committee and the Center for Environmental Excellence Advisory Board. He earned a B.S. in geology from the University of Vermont and B.S. in civil engineering from the University of Utah. He has served on the TRB Executive Committee and is a past chair.

David L. Harkey

Member

David Harkey is President of the Insurance Institute for Highway Safety and the Highway Loss Data Institute (IIHS-HLDI). The two organizations work to reduce deaths, injuries and property damage from motor vehicle crashes through research and evaluation and through education of consumers, policymakers, and safety professionals. Before joining IIHS-HLDI in 2018, he led the University of North Carolina's Highway Safety Research Center for 11 years. There he directed numerous projects to improve roadway design and operations for all road users, develop tools and strategies for enhanced safety analysis and improved data collection, and create training materials for safety professionals. He earned B.S. and M.S. degrees in civil engineering from the University of North Carolina at Charlotte and a Ph.D. in civil engineering from North Carolina State University.

Andrew Heath

Member

Andrew Heath currently serves as the Deputy Chief Engineer at the Georgia Department of Transportation over the divisions of engineering, operations, and intermodal. In this capacity, he leads these divisions in an executive leadership capacity setting overall direction, aligning resources, and managing various programs. Mr. Heath has been with the Department for 16 years with experience in Planning, preconstruction, and operations responsibility before joining the Office of the Chief Engineer. Andrew is a licensed professional engineer in Georgia and is a member of both Georgia ITE and ITS Georgia. He was awarded the Professional Engineer of the Year award in 2022 by Georgia ITE. He graduated from Auburn University in 2007 with a Masters of Science degree focusing on Civil Engineering. Mr. Heath has participated in multiple technical training opportunities both internal and external to the Department. These include both the freight and operations academies provided by the Eastern Transportation Coalition; in addition to multiple leadership training courses developed by AASHTO.

Nickie Hunter

Member

Nickie Hunter is the Assistant Director of Project Development at the New Hampshire Department of Transportation, a (NHDOT) role she stepped into in mid-December 2025. Prior to that, Nickie has had a distinguished DOT career, which started in 1993 as an Assistant Engineer with Maine DOT's Bureau of Bridge Construction before joining NHDOT in 1994. In her three-plus decades with NHDOT, she advanced through roles including Field Inspector, Contract Administrator, District Construction Engineer, and Construction Bureau Administrator. She has led many of New Hampshire's most complex and high-profile projects, such as the Northeast's first Open-Road Tolling installation on I-95, the award-winning Design-Build Memorial Bridge replacement, and the \$180 million Spaulding Turnpike expansion between Newington and Dover. Nickie brings expertise in work zone safety, construction quality, and alternative project delivery; and has contributed extensively to policy development and committee leadership. Named the WTS-NH Woman of the Year in 2023, Nickie holds a B.S. in Civil Engineering from Worcester Polytechnic Institute and an MBA from Southern New Hampshire University. She is also active in her community as a field hockey coach, musician, and church moderator.

Beverly T. Kuhn

Member

Beverly Thompson Kuhn is a senior research engineer with the Texas A&M Transportation Institute, where she has served as project manager and principal investigator for numerous federal, state, and local projects on a range of topics, including active traffic management, managed lanes, travel time reliability, and regional operations. She currently serves as the International Vice President of the Institute for Transportation Engineers (ITE) and was the 2018 recipient of the ITE Theodore M. Matson Memorial Award. She earned B.S. and M.S. degrees in civil engineering from the Texas A&M University and a Ph.D. in civil engineering from the Pennsylvania State University. She serves as the Chair of the Transportation Research Board Standing Committee on Freeway Operations and is a previous Chair of the Standing Committee on User Information Systems.

Matthew Miller

Member

Matthew Miller is the Director of New and Emerging Transportation Technologies for the Iowa Department of Transportation. Previously, he led Iowa DOT's E-Construction program, implementing transformative solutions in e-Ticketing, digital delivery, and geospatial technologies. His current role focuses on advancing connected corridors, autonomous vehicles, and freight mobility initiatives. Before his career in transportation, Miller served honorably in the United States Navy, where he developed a strong foundation in leadership, discipline, and operational excellence.

With expertise in digital infrastructure, transportation technology innovation, and data-driven project delivery, Miller has been instrumental in developing strategies to integrate smart devices, connected equipment, and AI-driven analytics into transportation systems. His leadership emphasizes practical, scalable solutions that address complex industry challenges while fostering collaboration across public and private sectors.

He is a Certified Public Manager and has chaired the AASHTO Committee on Construction's Innovative Construction Technologies subcommittee. His professional memberships include participation in the Joint Subcommittee on Data Standardization (JStan), data standards lead for the I-80 Corridor Coalition, I-35 Advancement Alliance, and other industry-leading groups. He is also the Study Champion for both the Connected Corridors Advancement Initiative TPF-5(566) and the BIM for Infrastructure TPF-5(480) Pooled Fund Studies.

Miller earned his certification in Public Management from Drake University and has served the Iowa DOT since 2011. His contributions to transportation innovation and policy have made him a sought-after advisor on national and international platforms.

Daniel C. Murray

Member

Daniel C. Murray has more than 30 years of experience in a broad range of transportation fields including trucking research and economics, transportation safety technologies and autonomous vehicles.

As Senior Vice President for the American Transportation Research Institute (ATRI), he is responsible for managing ATRI's transportation research, testing and evaluation, and leads multiple national activities including the USDOT-sponsored Freight Mobility Initiative. His efforts have led to transportation research awards from ITE, ITS America and the University of Minnesota, among others.

Prior to his employment with ATRI, he spent several years working in economic development for a Chicago business consortium and four years developing transit programs, policy and funding with the Regional Transit Board in Minneapolis/St. Paul, Minnesota.

Juan D. Rogers

Member

Juan D. Rogers is a Professor of Public Policy at the School of Public Policy, Georgia Institute of Technology. He specializes in the design, implementation and evaluation of public policies that focus on R&D; science, technology, and innovation (STI) in economic development, competitiveness; and uses of science and technology to address special social or economic needs. He has developed novel methods of R&D evaluation and public expenditure reviews of STI policies in several countries. He is a member of Sigma Xi, AAAS and has co-chaired the R&D Topical Interest Group of the American Evaluation Association. He earned a B.S. in electrical engineering degree from the University of Buenos Aires and Ph.D. in Science & Technology Studies from the Virginia Polytechnic Institute and State University.

Pragati Srivastava

Member

Ms. Pragati Srivastava is the Administrator of the Memphis Urban Area Metropolitan Planning Organization (MPO), a federally mandated regional transportation planning agency, which covers Shelby County, TN, Desoto County, MS, and portions of Fayette County, TN, and Marshall County, MS. In this capacity, Ms. Srivastava is responsible for Long Range Transportation Planning for the Memphis MPO region which looks at all modes of transportation, such as highway, transit, freight, bicycle, and pedestrian.

With sixteen years of experience in multimodal transportation planning for the multistate region, she has made significant improvements in planning products resulting in awards and recognition at the national level. Working in collaboration with a diverse group of federal, state, regional, and local agencies, she ensures the successful implementation of multimodal transportation projects.

Ms. Srivastava currently serves as the Vice-President of the Association of Metropolitan Planning Organization (AMPO), a national organization that serves the needs and interests of MPOs nationwide.

She also serves as the Chair of the Tennessee Association of Metropolitan Planning Organization (TNMPO), a statewide organization that provides a platform for MPOs to collaborate as well as directly coordinate with State and Federal officials.

Ms. Srivastava received a Bachelor's Degree in Architecture and a Master's Degree in Urban and Rural Planning from the Indian Institute of Technology at Roorkee, in India. Additionally, Ms. Srivastava holds a Master's Degree in Community and Regional Planning from the University of Texas at Austin. She also holds an AICP designation from the American Planning Association (APA).

Joyce N. Taylor

Member

Joyce Taylor has been the Chief Engineer at MaineDOT for 9 years. Her career has included being the Bureau Director of Project Development. Her team included the Highway, Bridge and Multimodal Programs which included design, construction, utility and right of way activities. She has also overseen the Contracts Office, the Property Office and Materials and Testing. She received the University of Maine's 2021 Edward T. Bryand Distinguished Engineer Award, the AASHTO President's Special Award Merit in 2019 and the ITE New England Chapter Award in 2017. She is the First President of the Maine Chapter of WTS. She currently chairs the NCHRP Highway Synthesis Panel. She received her Bachelor of Science in Chemical Engineering from the University of Maine in 1986.

Randy C. West

Member

Dr. Randy West is the Director at the National Center for Asphalt Technology (NCAT) and a Research Professor at Auburn University. He has worked in the asphalt pavement industry for 32 years, beginning his career as a bituminous research engineer with the Florida Department of Transportation from 1988 to 1995. He was the Director of Materials Services for APAC Inc. from 1995 to 2003. His expertise is asphalt pavement materials, construction, and quality assurance. He is a member of ASTM, the International Society for Asphalt Pavements, TRB Committee AKC-60, and the Association of Asphalt Paving Technologists, serving as its President in 2016. He is currently the Director of the Consortium for Asphalt Pavement Research & Implementation. He received his Ph.D. from the University of Florida in 1995 and is a registered professional engineer in Alabama, Florida, and Georgia.

C. Y. David Yang

Member

Dr. C. Y. David Yang is the President and the Executive Director of the AAA Foundation for Traffic Safety. Previously, he worked for the United States Department of Transportation.

Dr. Yang has co-authored numerous peer-reviewed journal articles, conference papers, and research reports on subjects related to vehicle technologies and automation, traffic safety, operations, and planning. An ITE Journal article he co-authored won Institute of Transportation Engineers' 2015 Traffic Engineering Council Best Paper Award. He is an associate editor for the Journal of Intelligent Transportation Systems: Technology, Planning, and Operations and a member of the editorial board for the International Journal of Transportation Science and Technology. In addition, Dr. Yang serves on the Transportation Research Board's Committee on Transitioning Evidence-Based Research into Practice and as an advisory board member for a number of university transportation research centers.

Dr. Yang attended Purdue University and received his Bachelor of Science, Master of Science, and Doctor of Philosophy degrees in the field of civil engineering. In 2018, he was honored with the Civil Engineering Alumni Achievement Award from Purdue University.

Thomas R. Menzies

Staff Officer