

Future Interstate Highway System Study

Committee

Norman R. Augustine

Chair

Norman R. Augustine (Chair) is the former chairman and CEO of Lockheed Martin. In 1958 he joined the Douglas Aircraft Company in California where he worked as a Research Engineer, Program Manager and Chief Engineer. Beginning in 1965, he served in the Office of the Secretary of Defense as Assistant Director of Defense Research and Engineering. He joined LTV Missiles and Space Company in 1970, serving as Vice President, Advanced Programs and Marketing. In 1973 he returned to the government as Assistant Secretary of the Army and in 1975 became Under Secretary of the Army, and later Acting Secretary of the Army. Joining Martin Marietta Corporation in 1977 as Vice President of Technical Operations, he was elected as CEO in 1987 and chairman in 1988, having previously been President and COO. He served as president of Lockheed Martin Corporation upon the formation of that company in 1995, and became CEO later that year. He retired from Lockheed Martin in August 1997, at which time he became a Lecturer with the Rank of Professor on the faculty of Princeton University where he served until July 1999.

Mr. Augustine was Chairman and Principal Officer of the American Red Cross for nine years, Chairman of the Council of the National Academy of Engineering, President and Chairman of the Association of the United States Army, Chairman of the Aerospace Industries Association, and Chairman of the Defense Science Board. He is a former President of the American Institute of Aeronautics and Astronautics and the Boy Scouts of America. He is a former member of the Board of Directors of ConocoPhillips, Black & Decker, Proctor & Gamble and Lockheed Martin, and was a member of the Board of Trustees of Colonial Williamsburg. He is a Regent of the University System of Maryland, Trustee Emeritus of Johns Hopkins and a former member of the Board of Trustees of Princeton and MIT. He is a member of the Advisory Board of the Department of Homeland Security and the Department of Energy, was a member of the Hart/Rudman Commission on National Security, and served for 16 years on the President's Council of Advisors on Science and Technology. He is a member of the American Philosophical Society, the National Academy of Sciences, the National Academy of Engineering, and the Council on Foreign Affairs, and is a Fellow of the American Academy of Arts and Sciences and the Explorers Club.

Mr. Augustine has been presented the National Medal of Technology by the President of the United States and received the Joint Chiefs of Staff Distinguished Public Service Award. He has five times received the Department of Defense's highest civilian decoration, the Distinguished Service Medal. He is co-author of *The Defense Revolution* and *Shakespeare in Charge* and author of *Augustine's Laws* and *Augustine's Travels*. He holds 27 honorary degrees and was selected by *Who's Who in America* and the Library of Congress as one of "Fifty Great Americans" on the occasion of *Who's Who's* fiftieth anniversary. He holds a B.S. and an M.S. in aeronautical engineering from Princeton University.

Victoria A. Arroyo

Member

Victoria Arroyo is the Executive Director of the Georgetown Climate Center of Georgetown University Law Center where she is also a Professor from Practice and Assistant Dean for Centers and Institutes. She oversees the Georgetown Climate Center's work at the nexus of climate and energy policy, supervising staff and student work on climate mitigation and adaptation at the state and federal level, including facilitating the Transportation and Climate Initiative. She teaches "experiential" environmental law courses to both law and public policy students and publishes and speaks widely on issues related to climate change law and policy. She previously served at the Pew Center on Global Climate Change, most recently as the Pew Center's Vice President for Domestic Policy and General Counsel. For over a decade, she directed the Pew Center's policy analysis, science, adaptation, economics, and domestic policy programs. She also served as Managing Editor of the Center's book, *Climate Change: Science, Strategies, and Solutions* and oversaw publication of numerous reports and policy briefs. In addition to teaching at Georgetown Law, Ms. Arroyo has taught courses on environmental policy and climate change at Catholic University, George Mason University's graduate public policy program, and Tulane Law School. Previously, she practiced environmental law with Kilpatrick Stockton and other private firms and served in two offices at U.S. EPA: the Office of Air and Radiation and the Office of Research and Development where she reviewed development of standards under the Clean Air Act. From 1988 - 1991, she created and directed the Louisiana Department of Environmental Quality's policy office, and briefly served as Governor Buddy Roemer's environmental advisor. Ms. Arroyo has served on committees advising the Energy Information Administration and California on cap-and-trade design; on the National Center for Atmospheric Research (NCAR) external advisory committee; on the Board of Trustees for the University Corporation for Atmospheric Research, and on a National Academy of Sciences Transportation Research Board Committee on reducing greenhouse gas emissions from the transportation sector. She is currently serving a second term on the National Transportation Research Board Executive Committee and its Resilience Task Force and on the Advisory Committee to the National Science Foundation's Geosciences Directorate. She also serves on the editorial boards of the *Climate Policy* journal and the *Georgetown Environmental Law Review*. Ms. Arroyo holds a B.S. in biology and a B.A. in philosophy from Emory University, an M.P.A. from Harvard, and a J.D. from Georgetown Law, where she was Editor-in-Chief of *The Georgetown International Environmental Law Review*.

Moshe Ben-Akiva

Member

Moshe Ben-Akiva is the Edmund K. Turner Professor of Civil and Environmental Engineering at the Massachusetts Institute of Technology (MIT), and Director of the MIT Intelligent Transportation Systems (ITS) Lab. His awards include the Lifetime Achievement Award of the International Association for Travel Behavior Research, the Jules Dupuit prize from the World Conference on Transport Research Society (WCTRS), and the Institute of Electrical and Electronics Engineers (IEEE) ITS Society Outstanding Application Award for DynaMIT, a mesoscopic simulator with algorithms for dynamic traffic assignment, traffic predictions and travel information and guidance. Ben-Akiva has coauthored two books, including the textbook *Discrete Choice Analysis*, published by MIT Press, and over 200 papers in refereed journals or conference proceedings. He has been a member of over three dozen various scientific committees, advisory boards, and editorial boards. He has worked as a consultant in industries such as transportation, energy, telecommunications, financial services and marketing for a number of private and public organizations. He holds a Ph.D. and M.S. in Transportation Systems from the Massachusetts Institute of Technology and a B.S. from Technion-Israel Institute of Technology, along with honorary degrees from the University of the Aegean, the Université Lumière Lyon, the Royal Institute of Technology (KTH), and the University of Antwerp.

Ann Drake

Member

Ann Drake is Chairman and Chief Executive Officer of DSC Logistics. She has been involved in the field of logistics and supply chain management since the mid-1980s, when she became a member of the advisory board of directors of Dry Storage Corporation, a warehousing company founded by her father, Jim McIlrath. After earning her MBA from the Kellogg School of Management of Northwestern University, she joined Dry Storage as vice president for strategy and culture and initiated a transformation aimed at positioning the company for the 21st Century. In 1994, she was named CEO, and under her leadership, the 22 separate companies in the Dry Storage network became DSC Logistics. Ms. Drake and her team then implemented a series of structural and strategic initiatives that resulted in a focus on integrated supply chain solutions and a business model based on collaborative partnerships, innovative thinking, and high performance operations. Today, DSC Logistics is one of the nation's leading supply chain management firms, with strengths at both the operational and strategic levels. DSC's customers and business partners include leading Fortune 1000 companies in a variety of industries, including food and consumer goods, health care and medical devices, electronics, paper products, and others. The DSC nationwide network includes more than 50 Logistics Centers and a Transportation Management Center located at the corporate campus in Des Plaines, Illinois.

In emphasizing the importance of talent development, Ms. Drake has actively promoted the inclusion of both men and women in rising to positions of leadership. She is the founder of AWESOME, Achieving Women's Excellence in Supply Chain Operations, Management, and Education.

Ms. Drake has received recognition for her leadership from a number of organizations in recent years. She received the 2015 Schultz Award for advancing women in transportation and logistics from the McCormick School of Northwestern University. In 2014 she was honored with the global Women Who Make a Difference Award from IWF (International Women's Forum). In 2012, she was selected to receive the CSCMP (Council of Supply Chain Management Professionals) Distinguished Service Award, the highest honor presented annually to an individual for outstanding accomplishments in the profession. Also in 2012, she was presented with the Alumni Merit Award from the Kellogg School of Management of Northwestern University and, in 2009 was named "Industry Leader of the Year" by the Illinois Institute of Technology.

Ms. Drake is a long time member of the Board of Chicago's Metropolitan Planning Council (MPC), a member of the Board of Trustees for Chicago's Museum of Science and Industry, and a member of the Board for the Supply Chain Innovative Network of Chicago (SINC), a council launched by Mayor Emanuel's World Business Chicago Economic Growth Plan. She is a former member of the Boards of A.M. Castle Company (NYSE: CAS), a global distributor of specialty metals, and the Committee of 200 (C200), a business women's leadership organization, and former Vice Chair, Business Advisory Council, Transportation Center, Northwestern University.

Ms. Drake received her undergraduate degree from the University of Iowa prior to earning an MBA from the Kellogg School of Management of Northwestern University.

Genevieve Giuliano

Member

Genevieve Giuliano is Margaret and John Ferraro Chair in Effective Local Government in the Sol Price School of Public Policy, University of Southern California, and Director of the METRANS joint USC and California State University Long Beach Transportation Center.

Her research areas include relationships between land use and transportation, transportation policy analysis, travel behavior, and information technology applications in transportation. Current research includes examination of relationships between land use and freight flows, spatial analysis of freight activity location, impacts of freight activities on local communities, impacts of rail transit investments on transit ridership and economic development, and applications for transportation system analysis using archived real-time data. She has published over 170 papers.

Professor Giuliano is a past Chair of the Executive Committee of the Transportation Research Board, and of the Council of University Transportation Centers. She has received numerous distinguished scholarship and service awards. She is a member of several advisory boards, including the National Freight Advisory Committee.

Steve Heminger

Member

Steve Heminger is Executive Director of the Metropolitan Transportation Commission (MTC). MTC is the regional transportation planning and finance agency for the nine-county San Francisco Bay Area. It allocates more than \$2 billion per year in funding for the operation, maintenance and expansion of the Bay Area's surface transportation network. Since 1998, MTC has served as the Bay Area Toll Authority (BATA) responsible for administering all toll revenue from the seven state-owned bridges. BATA has a "AA" credit rating and has issued over \$9 billion in toll revenue bonds to finance bridge, highway, and transit construction projects over the next several years. MTC also functions as the region's Service Authority for Freeways and Expressways (SAFE) and operates a fleet of 80 tow trucks and 2,600 roadside call boxes to assist motorists in trouble. In addition, MTC manages the FasTrak electronic toll collection system, the Clipper universal fare card program for public transit and the popular 511 traveler information telephone number and web site. Mr. Heminger was appointed by House Democratic Leader Nancy Pelosi to serve on the National Surface Transportation Policy and Revenue Study Commission, which helped chart the future course for the federal transportation program. As chairman of the Toll Bridge Program Oversight Committee, Mr. Heminger also oversaw construction of the new East Span of the San Francisco-Oakland Bay Bridge — the largest transportation project in California history. In addition, he is a member of the Board of Trustees for the Mineta Transportation Institute and a member of the Executive Committee for the Transportation Research Board. Mr. Heminger holds an M.A. from the University of Chicago and a B.A. from Georgetown University.

Chris T. Hendrickson

Member

Chris Hendrickson is the Hamerschlag University Professor of Engineering Emeritus, Director of the Traffic 21 Institute at Carnegie Mellon University, member of the National Academy of Engineering and Editor-in-chief of the ASCE J. of Transportation Engineering. His research, teaching and consulting are in the general area of engineering planning and management, including design for the environment, project management, transportation systems, finance and computer applications.

He has co-authored three textbooks: Life Cycle Assessment: Quantitative Approaches for Decisions that Matter (2014), Project Management for Construction (Prentice-Hall, 1989, now available on the web) and Civil Systems Planning, Investment and Pricing (2011). He has also published several monographs and numerous papers in the professional and public literature.

Professor Hendrickson is a member of the National Academy of Engineering, the National Academy of Construction, a Distinguished Member of the American Society of Civil Engineering, an Emeritus Member of the Transportation Research Board and a Fellow of the American Association for the Advancement of Science. He has been the recipient of the 2002 ASCE Turner Lecture Award, the 2002 Fenves Systems Research Award, the 1994 Frank M. Masters Transportation Engineering Award, Outstanding Professor of the Year Award of the ASCE Pittsburgh Section (1990), the ASCE Walter L. Huber Civil Engineering Research Award (1989), the Benjamin Richard Teare Teaching Award (1987) and a Rhodes Scholarship (1973).

Keith L. Killough

Member

Keith Killough is the Director of Transportation Systems Analysis at the Arizona Department of Transportation (ADOT), where he is responsible for travel demand modeling, geographic information systems (GIS), traffic data collection, and the Highway Performance Monitoring System (HPMS). Prior to joining ADOT, he was the Director of Information Services at the Southern California Association of Governments and President of KLK Consulting. His record includes the development of long-range transportation plans in Detroit and Los Angeles, the Metro Red Line and Metro Rapid Bus programs in Los Angeles, and practical application of analytical methods in various urban, regional and statewide settings. He has also been a member on both the Passenger Travel Demand Forecasting and Transportation Planning Applications Committees of TRB. Mr. Killough holds a B.S. in Urban Planning from the Massachusetts Institute of Technology.

Adrian K. Lund

Member

Adrian Lund is president of the Insurance Institute for Highway Safety (IIHS) and its affiliate, the Highway Loss Data Institute (HLDI). Dr. Lund earned his doctoral degree in Social Psychology from the State University of New York at Buffalo in 1975 and served as an assistant professor in Residence in the Department of Behavioral Sciences and Community Health at the University of Connecticut Health Center from 1974 to 1981, where he researched programs on people's health activities. Since joining IIHS as a Behavioral Scientist in 1981, Dr. Lund's research has spanned the range of driver, vehicle and roadway factors involved in the safety of motor vehicle travel. His publications include studies of young drivers and driver education, alcohol and drug use among private and commercial drivers, occupant restraints use and effectiveness and vehicle design as it affects driver behavior and crashworthiness. As senior vice president for research from 1993 to 2001, he directed the development of the Institute's extensive vehicle testing program. Throughout his career at IIHS, Dr. Lund has participated in a number of government and nongovernmental committees addressing ways to reduce the injuries, fatalities and property damage from motor vehicle crashes. Currently, he serves as a trustee for the Global New Car Assessment Programme (Global NCAP), is an external advisory board member for the University of Michigan's Transportation Research Institute (UMTRI) and serves on the National Advisory Committee for the University of Wisconsin's Active Aging Research Center (AARC). Dr. Lund is also a member of the Society of Automotive Engineers, American Public Health Association and American Psychological Association.

Joan McDonald

Member

Joan McDonald is the Principal of JMM Strategic Solutions and a member of the National Infrastructure Advisory Council. Ms. McDonald is former Commissioner of the New York State Department of Transportation and former Commissioner of the Connecticut Department of Economic and Community Development. From February 2011 until July 2015, she served as the 11th Commissioner of the New York State Department of Transportation, an organization with 8,300 employees and an annual budget of \$4 billion. Joan led the Department through various weather events (Hurricane Irene, Superstorm Sandy, and the 2014 Buffalo "Snowember to Remember"). As Commissioner, Joan chaired the Northeast Corridor Commission, co-chaired the Tappan Zee Bridge Mass Transit Task Force, and served on the Executive Committee of the Transportation Research Board. As Commissioner of the Connecticut Department of Economic and Community Development from June 2007 through January 2011, Ms. McDonald led Connecticut's economic development efforts through the "Great Recession." Under her leadership, the State developed its first ever strategic economic development plan, negotiated agreements with several Fortune 500 companies, and initiated transit oriented development in all of Connecticut's major cities. Ms. McDonald also served in senior management positions for the City of New York where she negotiated the 50 year lease with the Port Authority of NY/NJ for Kennedy and LaGuardia Airports; lead the transfer and re-alignment of traffic enforcement agents from NYCDOT to NYPD; and oversaw environmental reviews of the Harlem Line Third Track and the Hudson River Park. In the private sector, Joan led the efforts of Jacobs Engineering in New York and New Jersey. She holds an M.S. in public administration from Harvard University.

Norman Y. Mineta

Member

Norman Mineta is President and Chief Executive Officer of Mineta & Associates, LLC. He is well known for his work in transportation – including aviation, surface transportation, and infrastructure – and national security. He is recognized for his accomplishments in economic development, science and technology policy, foreign and domestic trade, budgetary issues and civil rights, as well as his perspective from having served in Congress for over 20 years and in the Cabinets of both Republican and Democratic presidents. For almost 30 years, Secretary Mineta represented San Jose, California, first on the City Council, then as Mayor, and then from 1975-1995 as a Member of Congress. Throughout that time, Secretary Mineta was an advocate of the burgeoning technology industry. He worked to encourage new industries and spur job growth, and he supported infrastructure development to accommodate the industry and its tremendous growth. Secretary Mineta served as the Chairman of the House Transportation and Public Works Committee from 1992-1994, after having chaired the Subcommittee on Aviation and the Subcommittee on Surface Transportation. He was the primary author of the groundbreaking ISTEA legislation – the Intermodal Surface Transportation Efficiency Act of 1991. While in Congress, he co-founded the Congressional Asian Pacific American Caucus and was Chair of the National Civil Aviation Review Commission in 1997.

In 2000, Secretary Mineta was appointed by President Bill Clinton as the United States Secretary of Commerce. At the Department of Commerce, Secretary Mineta was known for his work on technology issues, for achieving international cooperation and intergovernmental coordination on complex fisheries issues, and streamlining the patent and trademark process. From 2001-2006, Secretary Mineta served as Secretary of Transportation by President George W. Bush. Following the terrorist acts of September 11, 2001, Secretary Mineta guided the creation of the Transportation Security Administration – an agency with more than 65,000 employees – the largest mobilization of a new federal agency since World War II. Most recently and prior to establishing Mineta & Associates, Secretary Mineta served as Vice Chairman of Hill & Knowlton.

Recognized for his leadership, Secretary Mineta has received numerous awards, including the Presidential Medal of Freedom – our nation's highest civilian honor – and the Wright Brothers Memorial Trophy, which is awarded for significant public service of enduring value to aviation in the United States. He holds a B.A. in business administration from the University of California, Berkeley.

Kirk T. Steudle

Member

Kirk Steudle is the Director of the Michigan Department of Transportation (MDOT). He began his career with the agency in 1987 and is a registered Professional Engineer. Gov. Rick Snyder appointed Mr. Steudle state transportation director on Jan. 1, 2011. He also served as state transportation director from 2006 to 2010. Mr. Steudle oversees MDOT's more than \$4 billion budget and is responsible for the construction, maintenance and operation of nearly 10,000 miles of state highways and more than 4,000 state highway bridges. He also oversees administration of a wide range of multi-modal transportation programs statewide. Mr. Steudle was the 2014 chair of the Transportation Research Board (TRB) Executive Committee and has served on the TRB Executive Committee since 2004. He also chaired the Strategic Highway Research Program (SHRP 2) Oversight Committee for TRB. He was president of the American Association of State Highway and Transportation Officials (AASHTO) from 2011 to 2012 and he has been a member of the AASHTO Board of Directors since 2006. Mr. Steudle is a national leader in the development of connected vehicle technology, which allows vehicles to communicate with the road and other vehicles to improve safety and mobility. He continues to work with a partnership of governments and auto manufacturers to further high-tech highway operations and, at the same time, improve Michigan's economy. Mr. Steudle was the 2014-2015 chair of the Intelligent Transportation Society of America (ITSA) Board of Directors. He is also a member of the Intelligent Transportation Systems (ITS) Program Advisory Committee to the U.S. Department of Transportation. In addition, he serves on the board of the Engineering Society of Detroit, the largest engineering society in the country and was awarded their 2016 Rackham Humanitarian Award. Steudle serves on the Lawrence Technological University (LTU) College of Engineering Advisory Board, and is a trustee for the Traffic Improvement Association (TIA) of Michigan. In 2015, Mr. Steudle was named one of America's Top 25 Government Innovators by Government Technology. He received the Felix A. Anderson Image Award from the American Council of Engineering Companies (ACEC) of Michigan in 2013, and he was one of nine alumni inducted into the inaugural LTU Department of Engineering Alumni Hall of Fame in 2012. Mr. Steudle is the recipient of the 2011 P.D. McLean Award from the Road Gang in Washington, D.C. for excellence in highway transportation. In 2010, he received the prestigious Thomas H. MacDonald award from AASHTO, recognizing him nationally for his continuous outstanding service and exceptional contribution to highway engineering. In the past, Mr. Steudle has served as MDOT's chief deputy director, Bay Region engineer, and Metro Region deputy region engineer. He was also president of the 2009 Mississippi Valley Conference. He holds a B.S. in construction engineering from Lawrence Technological University.

Michael S. Townes

Member

Michael S. Townes recently retired as Senior Vice President and National Transit Market Sector Leader at HNTB Corporation. Mr. Townes served as Chief Executive Officer and President of Hampton Roads Transit from 1999 to January 31, 2010. Mr. Townes serves as Legislative Chair for COMTO and the Virginia Transit Association. Since 2007, he served as Chairman of the American Public Transportation Association. He served as an Executive Director of Transportation District Commission of Hampton Roads (Hampton Roads Transit) since October 1, 1999. Beginning March 1, 1998, he also served as the Interim Executive Director for the Tidewater Transportation District Commission in preparation for the merger of the two agencies. In November 1986, he joined the Peninsula Transportation District Commission (PENTRAN) as an Assistant to the Executive Director and served as its Acting Executive Director since 1988 and Executive Director since July 1989. He serves as a Member of Board of Regent at Eno Transportation Foundation. Mr. Townes also belongs to the Board of Directors for the Virginia High Speed Rail Development Committee. He has served as Chair of the Transportation Cooperative Research Project (TCRP) Oversight and Project Selection (TOPS) Committee. He served as Chair of APTA Executive Committee. He served as Chair of APTA Executive Committee. He served as Co-Chair of the APTA's Reauthorization Task Force, which was the Committee that established the national transit position on the upcoming reauthorization. Mr. Townes served as Chairman of the Norman Mineta Transportation Institute Board of Trustees, APTA's Legislative Committee Chair, and Chairman of the Transportation Research Board (TRB) Executive Committee. He was also appointed to Virginia's Specialized Transportation Committee by Governor George Allen in 1996. In 2007, he was appointed by Virginia Governor Timothy Kaine to serve on the Governor's Commission on Climate Change. He is the recipient of several distinguished awards including the Conference of Minority Transportation Officials (COMTO) Executive of the Year award, the Women in Transit Committee Achievement Award, and the Distinguished Public Service Award from the Conference of Minority Public Administrators. Mr. Townes holds a B.S. in Political Science and a M.A. in Urban Regional Planning from Virginia Commonwealth University.

C. Michael Walton

Member

Dr. C. Michael Walton is Professor of Civil Engineering and holds the Ernest H. Cockrell Centennial Chair in Engineering at The University of Texas at Austin (UT). In addition, he holds a joint academic appointment in the Lyndon B. Johnson School of Public Affairs. For more than 45 years he has pursued a career in transport systems engineering and policy analysis.

Dr. Walton was elected as a member of the National Academy of Engineering in 1993. In other professional society leadership positions he is a past Chair of the Board of the American Road and Transportation Builders Association (ARTBA), past President of the Board of Governors of the Transportation and Development Institute of the American Society of Civil Engineers (ASCE), a founding member and past Chair of the Board of Directors of the Intelligent Transportation Society (ITS) of America, a past Chair of the Transportation Research Board (TRB) Executive Committee and a member of many other technical/professional organizations such as the Institute of Transportation Engineers. Dr. Walton was appointed by the U.S. Secretary of Transportation to serve on the National Freight Advisory Committee. He currently chairs the Advisory Council on Transportation Statistics for the U.S. Department of Transportation Bureau of Transportation Statistics and the project panel on Freight Research to Support MAP-21 Implementation administered by the National Cooperative Freight Research Program in cooperation with the Office of the Assistant Secretary for Research and Technology of the U.S. Department of Transportation. He has served on or chaired a number of national study panels including those mandated by Congress and others of the National Research Council.

Dr. Walton has received numerous honors and awards. He was elected as a Distinguished Member of the American Society of Civil Engineers and was selected as a member of the inaugural class of ITS America's ITS Hall of Fame. He received an Honorary Doctorate Degree from the Nagoya Institute of Technology and the Council of University Transportation Centers (CUTC) award for distinguished contribution to university transportation education and research. Other honors include the Outstanding Projects and Leaders (OPAL) award from the American Society of Civil Engineers to recognize and honor lifetime excellence in furthering civil engineering education; named to America's Top 100 Private Sector Transportation Design and Construction Professionals of the 20th Century by the American Road and Transportation Builders Association. The George S. Bartlett Award in recognition for outstanding contributions to highway progress and is considered to be among the highest honors in the highway transportation profession. ASCE has honored him with several awards including Presidents' Award, the Francis C. Turner Lecture, the James Laurie Prize, the Harland Bartholomew Award and the Frank M. Masters Transportation Engineering Award. The Transportation Research Board presented him with the Frank Turner Medal for Lifetime Achievement in Transportation, W.N. Carey, Jr. Distinguished Service Award; others include the Thomas B. Deen Distinguished Lectureship. ARTBA awarded him the S.S. Steinberg Award; ITE awarded him the Wilbur S. Smith Distinguished Transportation Educator Award and the Theodore M. Matson Memorial Award. He was inducted into the Texas Transportation Hall of Honor and recently inducted into the Transportation Development Hall of Fame of the American Road and Transportation Builders Association Foundation.

Dr. Walton has contributed to more than 500 publications in the areas of ITS, freight transport, and transportation engineering, planning, policy and economics, and he has delivered several hundred technical presentations. He has

served as senior editor or contributing author for a variety of technical reference books and manuals and as a member of the editorial board for several international journals. Currently Dr. Walton has a research or consulting relationship with over 30 US states, several engineering consulting firms, and serves as a member on several Boards of Directors of both public and privately held companies.