Abstract:

Emerging technologies and their attributes will have a game changing influence on tomorrow’s transportation enterprise. What are some of those developments, what will they mean, and how will it alter today’s business practices and models?

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 40 years he has pursued a career in transport systems engineering and policy analysis.

The American Society of Civil Engineers (ASCE) has honored him with several awards including the 1999 Francis C. Tumer Lecture for contributions to transportation research, education and practice, the 1992 James Laurie Prize for contributions to the advancement of transportation engineering; the 1987 Harland Bartholomew Award for contributions to the enhancement of the civil engineer’s role in urban planning and development; and the 1987 Frank M. Masters Transportation Engineering Award, for innovations in transport facility planning. The Transportation Research Board of the National Academies presented Dr. Walton with the 1998 W.N. Carey, Jr. Distinguished Service Award which is among its highest honors in recognition of outstanding leadership in support of transportation research; others include the Thomas B. Deen Distinguished Lectureship. The American Road and Transportation Builders Association (ARTBA) awarded him the S.S. Steinberg Award recognizing his outstanding contributions to transportation education; the Institute of Transportation Engineers (ITE) awarded him the Wilbur S. Smith Distinguished Transportation Educator Award in recognition of outstanding contributions to the transportation profession by relating academic studies to the actual practice of transportation. Dr. Walton recently received the 2011 Theodore M. Matson Memorial Award from the Institute of Transportation Engineers in recognition for his advancement of the profession through outstanding contributions in the field of traffic engineering.