

Sunday, January 10, 2016

Annual TTI Reception 6:30 p.m. - 8:00 p.m. Walter E. Washington Convention Center, Ballroom C

Begin	End		Member(s)
9:00 AM	12:00 PM	Workshop 101 <b>Reviewing Progress and Achievements on EU–U.S. Transport Research Collaboration</b> "Collaboration on sustainable transportation indicators" - Denmark and US	Presenting: J. Zietsman
9:00 AM	12:00 PM	Workshop 124 <b>Doctoral Student Research in Asphalt Materials and Mixtures</b>	Presiding: M. Sakhaeifar
9:00 AM	12:00 PM	Workshop 125 <b>Performance Testing to Characterize Fatigue Cracking of Asphalt Mixtures</b> Physico-Chemical Characterization of Asphalt Binder-Aggregate Interfacial Bonding Texas OT: A Practical and Validated Cracking Test for Mix Design and Forensic Stud	Presenting: L. Cucalon Presenting: F. Zhou
9:00 AM	12:00 PM	Workshop 126 <b>Use of Sensors in Highway Concrete Applications, Part 1 (Part 2, Session 175)</b> Moisture-Related Sensing in Highway Concrete	Presenting: D. Zollinger
9:00 AM	12:00 PM	Workshop 129 <b>Full-Depth Reclamation: Developing Specifications from Field and Laboratory Testing Experience</b> Panel Response to Audience Questions FDR in Texas: Specifications for FDR Projects on Expansive Clay Subgrades	Presenting: T. Scullion Presenting: T. Scullion
9:00 AM	12:00 PM	Workshop 132 <b>How New Sources of Data and New Technologies Can Improve Traffic Incident Management Programs: Discussions with Data Providers and TIM Practitioners</b> Decision Support and TIM	Presenting: C. Poe
9:00 AM	12:00 PM	Workshop 133 <b>Highlights from 2015 Automated Vehicles Symposium</b> Policy Digital and Physical Infrastructure	Presenting: G. Goodin Presenting: P. Carlson
9:00 AM	12:30 PM	Workshop 146 <b>Doctoral Student Research in Transportation Safety</b> Examining the Use of Regression Models for Developing Crash Modification Factors	Presenting: L. Wu
9:00 AM	5:00 PM	ADA30(1) <b>Planning for the Conference on Small and Medium-Sized Communities Subcommittee</b>	Presiding: W. Frawley
9:00 AM	5:00 PM	Workshop 1471 <b>Mobility Solutions for Isolated Seniors: Challenges and Opportunities</b> Ticket Required	Presenting: M. Brewer

11-Jan-16

Mon

Begin	End			Member(s)
8:00 AM	9:45 AM	Session 199	<b>Built for Success: What It Takes to Run a Modern Transportation Research Program</b> Critical Issues Facing Transportation Research Management Today	Presenting: K. Turnbull
8:00 AM	9:45 AM	Session 210	<b>Application of Analytical Methods in Geometric Design</b> Effects of Cross-Slope Break on Roadway Departure Recovery for Trucks on Horizontal Curves	Presenting: M. Brewer, A. Abu-Odeh
8:00 AM	9:45 AM	Session 221	<b>Crowd Dynamics: Empirical Analyses, Modeling, Simulation, and Management</b>	Presenting: A. Talebpour
8:00 AM	9:45 AM	Session 222	<b>Work Zone Safety Assessment</b> Crash Reduction Benefits of Portable Concrete Barrier Safety Effects of Portable End-of-Queue Warning System Deployments at Texas Work Zones	Presenting: G. Ullman Presenting: G. Ullman, R. Brydia
8:00 AM	9:45 AM	Session 231	<b>Paratransit, Demand-Responsive, Dial-a-Ride: A New Future</b> Heuristic for Solving Dial-a-Ride Problems with Transfers	Presenting: L. Quadrifoglio
8:00 AM	9:45 AM	Session 236	<b>Current Research in International Trade and Transportation</b>	Presiding: J. Villa
8:00 AM	9:45 AM	Subcommittee	<b>Congestion Pricing Outreach Subcommittee</b>	Presiding: R. Baker
8:00 AM	12:00 PM	Committee	<b>Transportation and Sustainability Committee</b>	Presiding: J. Zietsman
8:00 AM	12:00 PM	Committee	<b>Traffic Control Devices Committee</b>	Presiding: P. Carlson
8:30 AM	10:15 AM	Session 243	<b>State Department of Transportation High-Value Research</b> Surface Treatments to Alleviate Crashes on Horizontal Curves	Presenting: M. Pratt
8:30 AM	10:15 AM	Session 247	<b>Advances in Portland Cement Concrete Pavement Construction</b> Field Application of Ground-Penetrating Radar to Assess Curing Effectiveness in Concrete Pavement Construction	Presenting: P. Sun, D. Zollinger
8:30 AM	10:15 AM	Session 249	<b>Freeway Operations</b> Operational Field Studies of Two Wrong-Way Signing Countermeasures	Presenting: M. Finley, S. Vengler
8:30 AM	10:15 AM	Session 251	<b>Freight Modeling</b>	Presiding: M. Khodakarami, B. Wang

11-Jan-16

Mon

Begin	End			Member(s)
8:30 AM	10:15 AM	Session 254	<b>Current Issues in Aviation</b> Predicting Flight Delays by Using a Meta-classifier	Presenting: S. Siabil
10:15 AM	12:00 PM	Session 258	<b>Public Transport in Asia and Latin America</b> Future Travel Demand in China: Scenarios for 2030	Presenting: J. Zmud
10:15 AM	12:00 PM	Session 269	<b>Freeway and Interchange Design</b> Operational and Safety Trade-offs: Reducing Freeway Lane and Shoulder Width to Permit an Additional Lane	Presenting: K. Dixon, K. Fitzpatrick
10:15 AM	12:00 PM	Session 272	<b>Adjacent-Member Bridges</b> Design and Constructibility of Spread Slab Beam Bridges	Presenting: T. Terzioglu, D. Jiang, M. Hueste, J. Mander
10:15 AM	12:00 PM	Session 279	<b>Access Management: Science and Standards</b> Sight Distance Related to Access Management and Design	Presenting: K. Dixon
10:15 AM	12:00 PM	Session 281	<b>Concrete Joint Sealing</b> Approach to Infiltration Modeling for Sealed Joints in Concrete Pavement Design	Presenting: K. Bakhsh, T. Speakmon, D. Zollinger
10:45 AM	12:30 PM	Session 298	<b>How Are We Doing? State of the Art and Practice in Performance Management Around the World</b> Developing Multimodal Performance Measures: Understanding What They Are and How to Develop Them	Presenting: P. Lasley
10:45 AM	12:30 PM	Session 299	<b>Improving Decision Making in Transportation Asset Management</b> Understanding the Links between Asset Management and Performance Measurement Decision Making Processes Eliciting Expert Opinions to Predict Asset Performance Incorporating Risk and Uncertainty into Infrastructure Asset Management Plans	Presenting: C. Gurganus, N. Gharaibeh Presenting: A. Hessami, R. Smith, S. Anderson Presenting: N. Gharaibeh
10:45 AM	12:30 PM	Session 302	<b>Making Traffic Data Work: Techniques, Quality, and Customer Needs</b> Quality Assurance for Traffic Count Data in National Parks: Ensuring Quality When Traffic Variability Is High	Presenting: S. Turner, J. Wikander
10:45 AM	12:30 PM	Session 309	<b>Innovations in Health and Transportation Research</b> Transportation Planning and Quality of Life: Where Do They Intersect?	Presenting: R. Lee, I. Sener

11-Jan-16

Mon

Begin	End			Member(s)
10:45 AM	12:30 PM	Session 310	<b>Transportation and Environmental Justice: Technical Papers and Practices</b>	
			Review of Equity in Active Transportation	Presenting: R. Lee, I. Sener
10:45 AM	12:30 PM	Session 313	<b>New Advances in Mechanistic-Empirical Pavement Design</b>	
			Adaptation of the NCHRP 1-41 Reflection Cracking Models for Semi-rigid Pavement Design in AASHTOWare Pavement ME Design	Presenting: R. Lytton
			Universal Cracking Amount Model for Asphalt Concrete Pavements	Presenting: S. Hu, J. Leidy, F. Zhou
10:45 AM	12:30 PM	Session 314	<b>Select Papers from Committee on Basic Research and Emerging Technologies Related to Concrete</b>	
			Mixed Mode Brittle Fracture Analysis of High Strength Cement Mortar Using Strain-Based Criteria	Presenting: M. Misayar, P. Park
10:45 AM	12:30 PM	Session 316	<b>Defining Concrete Properties: Test Methods to Ensure Quality</b>	
			Developing a Rapid Cylinder Test for Determination of Length Change of Concrete due to Alkali-Silica Reaction	Presenting: A. Mukhopadhyay
10:45 AM	12:30 PM	Session 330	<b>Research on the Marine Environment</b>	<b>Presiding: C. Kruse</b>
1:30 PM	3:15 PM	Session 339	<b>What Do You Think? Surveys and How They Can Affect Transportation Decision-Making Process</b>	
				Presenting: T. Geiselbrecht
1:30 PM	3:15 PM	Session 351	<b>Rejuvenators for Asphalt Mixtures: Current Developments and Use</b>	
			Effect of Rejuvenators on Rheological, Chemical, and Aging Properties of Asphalt Binders Containing Recycled Binders	Presenting: P. Karki, F. Zhou
1:30 PM	3:15 PM	Session 354	<b>Work Zone Traffic Control Evaluations</b>	
			Temporary Traffic Control at Access Points within Alternating One-Way Operations	Presenting: M. Finley
1:30 PM	3:15 PM	Session 365	<b>New Directions in Rural and Small Urban Public Transportation</b>	
			Cost-Estimating Tool for Early Estimates for Rural and Small Urban Transit Facilities	Presenting: S. Kermanshachi, Y. Zheng, S. Anderson
1:30 PM	5:30 PM	Committee	<b>Transportation Economics Committee</b>	<b>Presiding: M. Burris</b>
1:30 PM	5:30 PM	Committee	<b>Polymer Concretes, Adhesives, and Sealers Committee</b>	
			Benefit-Cost Analysis of Florida High-Friction Surface Treatments	Presenting: B. Wilson, A. Mukhopadhyay, J. Zhang, B. Brimley

11-Jan-16

Mon

Begin	End			Member(s)
2:00 PM	3:45 PM	Session 374	<b>Current Trends in Transportation Funding and Financing</b> State Initiatives for Funding Transportation Improvements (January 1, 2008 – August 1, 2015)	Presenting: N. Norbage
2:00 PM	3:45 PM	Session 375	<b>Managed Lanes and Congestion Pricing: Analysis and Operations</b> Potential Impact of Incentives on Managed-Lane Use  Anticipating How Future Technologies Could Affect Silicon Valley Express Lanes	Presenting: M. Burris, T. Geiselbrecht, N. Wood, N. Han  Presenting: N. Wood, J. Wagner, A. Talebpour
2:00 PM	3:45 PM	Session 377	<b>Uses of Multiple Data Sets for Transportation Planning</b> Lessons Learned in Developing a Method for Quantifying the Contribution of State Workers to Roadway Congestion in Downtown Austin, Texas	Presenting: M. Lee, K. Miller, M. Moran
2:00 PM	3:45 PM	Session 378	<b>New Research in Travel Time, Speed, and Reliability</b> Estimating Freeway Route Travel Time Reliability from Data on Component Links and Associated Cost Implications  Bluetooth Travel Time and Speed Data Analysis for Houston-Galveston Regional Transportation Study	Presenting: K. Jha, J. Wikander, B. Eisele, M. Burris, D. Schrank  Presenting: H. Zhou, R. Benz, A. Voigt, H. Zhou
2:00 PM	3:45 PM	Session 381	<b>Innovative Uses of the National Household Travel Survey</b> Travel Trends in Austin District: 2009 National Household Travel Survey	Presenting: B. Dai, R. Lee, I. Sener
2:00 PM	3:45 PM	Session 382	<b>Artificial Intelligence and Advanced Computing Tools in Transportation Applications</b> A Hazard-based Model for Estimation of Congestion Duration in Urban Rail Transit Considering Loss Minimization	Presenting: Y. Zhang
2:00 PM	3:45 PM	Session 383	<b>Geometric Design Research</b> Revised Guidelines for Designing Median Openings to Accommodate Simultaneous Left Turns	Presenting: H. Khazraee, G. Hawkins
2:00 PM	3:45 PM	Session 388	<b>Highway Safety Performance</b> Oregon Signalized Intersection Safety Performance Functions and the Effect of Speed  Sample-Size Guidelines for Recalibrating Crash Prediction Models: Recommendations for the Highway Safety Manual  Investigating the Influence of Dependence between Variable on Crash Modification Factors Developed using Regression Models	Presenting: K. Dixon  Presenting: M. Shirazi, D. Lord, S. Geedipally  Presenting: L. Wu, D. Lord

11-Jan-16

Mon

Begin	End			Member(s)
2:00 PM	3:45 PM	Session 388	<b>Highway Safety Performance</b>	
			An Evaluation of the Independence Assumption when Combining Crash Modification Factors	Presenting: R. Avelar, K. Dixon
			Developing a Framework for Evaluating and Selecting Curve Safety Treatments	Presenting: M. Pratt, S. Greedipally
2:00 PM	3:45 PM	Session 389	<b>Law Enforcement Research: Driver, Officer, Roadway, and Crashes</b>	
			Evaluation of Confirmation Lights on Red-Light-Running Violations by Time-into-Red Phase	Presenting: T. Lindheimer
2:00 PM	3:45 PM	Session 390	<b>Research in Occupant Protection</b>	
			Development of Computer Finite Element Model to Investigate Seat Belt Restraint Systems In Heavy Truck Rollover Crashes	Presenting: N. Schulz, C. Silvestri Dobrovolny
			Finite Element Approach to Identify the Potential of Improved Heavy-Truck Crashworthiness and Occupant Protection in Frontal Impacts	Presenting: C. Silvestri Dobrovolny, N. Schultz
3:45 PM	5:30 PM	Session 392	<b>International Trade Driving the Future Economy</b>	
			Border Crossing Challenges	Presenting: K. Turnbull
3:45 PM	5:30 PM	Session 405	<b>Roadside Safety Hardware</b>	
			Design & Full Scale Testing Of Gravix Modular Barrier and Retaining Wall System	Presenting: W. Williams
			MASH TL-3 Compliant Short-Radius System	Presenting: A Abu-Odeh, R. Bligh
			Design & Full Scale Testing Of Retrofit Bridge Rail for 24.8 Miles Long Southbound Causeway Bridge, New Orleans, Louisiana	Presenting: W. Williams
3:45 PM	5:30 PM	Session 414	<b>Integrated Traffic Flow Models and Analysis for Connected Automated Vehicles</b>	
			Modeling Driver Behavior in a Connected Environment: Integrated Microscopic Simulation of Traffic and Mobile Wireless Telecommunication Systems	Presenting: A. Talebpour
3:45 PM	5:30 PM	Session 418	<b>Connected Vehicles and Use of Sensor Data in Winter Maintenance Equipment</b>	
			Quantitative Assessment of Snow Plow Sensor Failure Impacts on Winter Maintenance Operations	Presenting: W. Holick
3:45 PM	5:30 PM	Subcommittee	<b>Human Factors in Road Vehicle Automation Joint Subcommittee of AND10, AHB15, AHB30</b>	Presiding: M. Manser
4:15 PM	6:00 PM	Session 438	<b>Current Issues in Transportation and Air Quality</b>	
			Modeling Light Duty Vehicle Emissions Exploiting VT-CPFM Fuel Estimates	Presenting: K. Ahn

11-Jan-16

Mon

Begin	End			Member(s)
4:15 PM	6:00 PM	Session 444	<b>New Approaches to Old Concrete Pavement Issues</b> New Approach to Concrete Slab Lift-off Using Interfacial Fracture Mechanics Concepts	Presenting: M. Mirsayar, D. Zollinger
4:15 PM	6:00 PM	Session 446	<b>Case Studies in Performance-Based Analysis of Geometric Design</b> Incorporating Vehicle Emission Models into the Geometric Highway Design Process	Presenting: M. Ko
7:30 PM	9:30 PM	Session 462	<b>Relationship of Laboratory Mix Aging to Asphalt Mixture Performance</b> Simulation of Plant Aging of Asphalt Mixtures	Presenting: D. Newcomb, F. Yin, E. Arambula-Mercado, A. Epps Martin
7:30 PM	9:30 PM	Session 466	<b>Warning Signs and Dynamic Message Signs</b> Updated Model for Advance Placement of Turn and Curve Warning Signs Guidelines for Traffic Control Devices at Changes in Horizontal Alignment Motorists' Understanding of Freeway Variable Speed Limit Systems	Presenting: G. Hawkins, B. Brimley, P. Carlson Presenting: B. Brimley, P. Carlson, G. Hawkins Presenting: L. Theiss, N. Trout, B. Kuhn
7:30 PM	9:30 PM	Subcommittee	<b>Freight Modeling Subcommittee</b>	Presiding: B. Wang
7:30 PM	10:00 PM	Subcommittee	<b>Active Traffic Management Joint Subcommittee of AHB20, AHB35</b>	Presiding: B. Kuhn
7:30 PM	10:00 PM	Subcommittee	<b>Positive Protection in Work Zones Joint Subcommittee of AHB55, AFB20, AFH10</b>	Presiding: M. Finley

<b>Begin</b>	<b>End</b>			<b>Member(s)</b>
<b>9:00 AM</b>	<b>5:00 PM</b>	<b>Workshop 147F</b>	<b>Cross-Modal Distributed Simulation (HF-F)</b> Ticket Required Distributed and cross-modal simulation: Why do we need this workshop?	Presenting: M. Manser
<b>1:30 PM</b>	<b>4:30 PM</b>	<b>Workshop 150</b>	<b>Toward Road Transport Automation: Opportunities in Public-Private Collaboration</b> Use Case 2- Highway Automated Urban Operation	Presenting: G. Goodin
<b>1:30 PM</b>	<b>4:30 PM</b>	<b>Workshop 157</b>	<b>Getting the Most Out of Asset Management Data</b>	<b>Presiding: D. Schrank</b>
<b>1:30 PM</b>	<b>4:30 PM</b>	<b>Workshop 168</b>	<b>Sustainable Equals Maintainable: Designing and Managing Highway Roadsides</b> Sustainability Performance Measurement – NCHRP Report 708	Presenting: T. Ramani
<b>1:30 PM</b>	<b>4:30 PM</b>	<b>Workshop 174</b>	<b>Innovations in Asphalt Mix Design Procedures</b> Balanced RAP/RAS /Recycling Agent Mix Design for Project Specific Conditions	Presenting: F. Zhou
<b>1:30 PM</b>	<b>4:30 PM</b>	<b>Workshop 180</b>	<b>Managed Lanes 3.0: Applying Research to the Next Generation of Projects and Technologies</b> Session 2: Applying Managed Lanes Technology Preliminary Findings from NCHRP 15-49 (Guidelines for Implementing Managed Lanes)	Presenting: R. Baker Presenting: K. Fitzpatrick
<b>1:30 PM</b>	<b>4:30 PM</b>	<b>Workshop 183</b>	<b>Innovations in User Information Systems for Dynamic Freeway Management</b> Automated and Connected Vehicles: Opportunities and Challenges User Information Needs and Research Gaps identified in NCHRP 15-49: Guidelines for Implementing Managed Lanes Hands on Exercise in Design and Planning	Presenting: G. Goodin Presenting: K. Fitzpatrick Presenting: S. Chrysler
<b>5:00 PM</b>	<b>6:30 PM</b>	<b>Subcommittee</b>	<b>Freeway Operations Research Needs Subcommittee</b>	<b>Presiding: C. Poe</b>
<b>5:45 PM</b>	<b>7:00 PM</b>	<b>Committee</b> By Invitation	<b>Planning Committees for the International Symposium on Geometric Design; and 5th Urban Street Symposium</b>	<b>Presiding: K. Fitzpatrick</b>
<b>7:00 PM</b>	<b>9:00 PM</b>	<b>Executive Board</b>	<b>Safety and System Users Sections Executive Boards</b>	<b>Presiding: B. Kuhn, S. Turner</b>



12-Jan-16

Tue

Begin	End			Member(s)
8:00 AM	9:45 AM	Session 483	<b>Ninth Annual Competition and Call for Communicating Concepts with John and Jane Q. Public</b>	<b>Presiding: T. Parker</b>
			Competition Winner: Teens in the Driver Seat Program	Presenting: R. Henk, S. Tisdale
8:00 AM	9:45 AM	Session 485	<b>Traffic Network Management</b>	
			A Penalty Function Method for Finding the Minimal Revenue Tolls in Large-Scale Networks	Presenting: M. Shirazi, L. Quadrifoglio, M. Shirazi
8:00 AM	9:45 AM	Session 488	<b>Best Papers from 11th International Conference on Low-Volume Roads</b>	
			Can Traffic Signs Be Too Bright on Low-Volume Roads	Presenting: P. Carlson
8:00 AM	9:45 AM	Session 489	<b>Paradigm Shifts for Improving or Enhancing Utility Processes at Transportation Agencies</b>	<b>Presiding: C. Quiroga</b>
8:00 AM	9:45 AM	Session 492	<b>Advancement in Construction Project Controls on Transportation Infrastructure Projects</b>	
			The Impacts of Design Errors and Omissions Change Orders on Highway Projects	Presenting: Y. Jalili, D. Ford, J. Morgan
8:00 AM	9:45 AM	Session 499	<b>Safety-Related Traffic Control Device Research</b>	
			Operational Performance at Two-Way Stop-Controlled Intersections	Presenting: K. Dixon
8:00 AM	12:00 PM	Committee	<b>Transportation and Economic Development Committee</b>	<b>Presiding: S. Vadali</b>
8:30 AM	10:15 AM	Session 524	<b>TDM at Work and Play: From Theory to Practice</b>	
			Recruiting Carpoolers: Dynamic Ridesharing with Incentives in Central Texas	Presenting: G. Griffin, N. Wood, C. Simek
8:30 AM	10:15 AM	Session 526	<b>Library and Information Science in Transportation</b>	
			Text Mining and Topic Modeling on Compendium Papers from Transportation Research Board Annual Meetings	Presenting: S. Das
8:30 AM	10:15 AM	Session 528	<b>Current Issues in Transportation Energy and Climate Change</b>	
			Virginia Tech Comprehensive Power-based Electric Vehicle Energy Consumption Model: Model Development and Validation	Presenting: K. Ahn
8:30 AM	10:15 AM	Session 529	<b>Current Issues in Alternative Transportation Fuels and Technologies</b>	
			Characterization of In-Use Emissions of Hybrid Electric and Plug-in Hybrid Passenger Vehicles	Presenting: M. Farzaneh, J. Johnson, D. Lee, C. Gu, T. Ramani

12-Jan-16

Tue

Begin	End			Member(s)
8:30 AM	10:15 AM	Session 536	<b>Traffic Flow Theory and Characteristics, Part 1</b> State-Dependent Lane-Changing Model for Urban Arterials with Hidden Markov Model Method	Presenting: X. Wang, Y. Zhang
10:15 AM	12:00 PM	Session 540	<b>Incorporating Risk in Transportation Asset Management Practices</b> Levels of Uncertainty in Risk-Based Infrastructure Asset Management Decisions	Presenting: A. Hessami, R. Smith, S. Anderson
10:15 AM	12:00 PM	Session 543	<b>Addressing the Changing Landscape of the Transportation Workforce: Demographics, Technologies, Career Pathways, and Workforce Needs</b> Role of Transportation Certificate Programs in Attracting and Preparing Students for Careers in Transportation	Presenting: K. Joh, W. Li, F. Ndubisi
10:15 AM	12:00 PM	Session 552	<b>Innovations for Managing Utility Design, Construction, and Coordination During Project Development and Delivery</b> Innovations in Accommodation of Longitudinal Utility Installations Along Controlled Access Highways	Presenting: E. Kraus, C. Quiroga
10:15 AM	12:00 PM	Session 555	<b>Construction Risk Assessment and Management on Transportation Infrastructure Projects</b> Improving Early Phase Cost Estimation and Risk Assessment: A Department of Transportation Case Study	Presenting: S. Kermanshachi, C. Beaty, S. Anderson
10:15 AM	12:00 PM	Session 558	<b>Geosynthetics in Pavement Reinforcement</b> Impact of Geogrid on Cross-Anisotropy and Permanent Deformation of Unbound Granular Materials	Presenting: F. Gu, X. Luo, R. Luo, R. Lytton
10:15 AM	12:00 PM	Session 565	<b>Emphasizing Human Factors in Highway Safety: Recognizing Road User Needs to Reduce Crashes</b> TRB Committee Input - Work Zones, AHB55	Presiding: S. Chrysler Presenting: G. Ullman
10:15 AM	12:00 PM	Session 569	<b>Innovative Pedestrian Planning and Design</b> Road User Behaviors at Pedestrian Hybrid Beacons	Presenting: K. Fitzpatrick, M. Pratt
10:15 AM	12:00 PM	Subcommittee	<b>Transportation Research Thesaurus Subcommittee</b>	Presiding: S. Tucker
10:45 AM	12:30 PM	Session 581	<b>Fresh Ideas for Statewide Multimodal Transportation Planning</b> Making the Most of Long-Range Planning Models for Automated- and Connected-Vehicle Planning	Presenting: T. Williams, K. Hall

12-Jan-16

Tue

Begin	End			Member(s)
10:45 AM	12:30 PM	Session 584	<b>Innovations in Transportation Programming and Investment Decision Making</b>	
			Transportation Programming and Optimal Decision Making for Road Space Management Strategies	Presenting: S. Sharma
10:45 AM	12:30 PM	Session 585	<b>Public Involvement</b>	
			Kyle Field Transportation Plan Outreach	Presenting: T. Parker
10:45 AM	12:30 PM	Session 590	<b>Traffic Control Device Research</b>	<b>Presiding: P. Carlson</b>
			Comparison of Above Sign and Below Sign Placement for Rectangular Rapid-Flashing Beacons	Presenting: K. Fitzpatrick, T. Lindheimer, M. Brewer
			Examining Drivers' Comprehension and Recognition of Highway Exit Gore Treatments	Presenting: M. Ko, L. Higgins, P. Carlson, A. Nelson
			Methodology to Construct Confidence Intervals for 85th Percentile from a Normally Distributed Speed Sample	Presenting: R. Avelar, K. Dixon
10:45 AM	12:30 PM	Session 591	<b>Railroad Safety Analysis: Methods and Applications</b>	
			Development of New Highway-Railroad Grade Crossing Priority Formula for Texas	Presenting: J. Warner, E. Park, D. Lee
1:30 PM	3:15 PM	Committee	<b>Utilities Committee</b>	<b>Presiding: C. Quiroga</b>
1:30 PM	3:15 PM	Committee	<b>Marine Environment Committee</b>	<b>Presiding: C. Kruse</b>
1:30 PM	3:15 PM	Session 604	<b>Emerging Research in Emergency Evacuation</b>	
			Emergency Exit Guidance for United States Highway Tunnels	Presenting: L. Higgins, J. Miles, P. Carlson
1:30 PM	3:15 PM	Session 617	<b>Field and Laboratory Monitoring of Unsaturated Geomaterials</b>	
			New Dielectric Characteristic Method to Assess Moisture Content for Unbound Aggregate Base Material in the Field	Presenting: H. Sajom. F. Gu, R. Lytton
1:30 PM	3:15 PM	Session 619	<b>Traffic Management Capabilities and the Next Generation of Traffic Management Systems and Centers</b>	
			Innovative Approaches to Planning and Evaluating Active Traffic Management Strategies	Presenting: B. Kuhn
1:30 PM	3:15 PM	Session 632	<b>Advances in Freight Modeling</b>	
			Implementing Freight Fluidity in the State of Maryland	Presenting: W. Eisele

12-Jan-16

Tue

Begin	End			Member(s)
1:30 PM	3:15 PM	Session 632	<b>Advances in Freight Modeling</b>	
1:30 PM	3:15 PM	Subcommittee	<b>Data Privacy, Security and Protection Policy Joint Subcommittee of AB000, AHB15, ABE25, AL040</b>	<b>Presiding: J. Zmud</b>
2:00 PM	3:45 PM	Session 391	<b>Public Transportation: Perceptions, Attitudes, and Behavior</b> Do Residents Value the Integration of Bicycling and Transit? Assessing Their Revealed Preferences Based on Property Sale Transactions	Presenting: W. Li  Presenting: K. Joh
2:00 PM	3:45 PM	Session 637	<b>Dwight David Eisenhower Transportation Fellowship Program</b> Texas Highway Bridges: Integrated Life-Cycle Structure Material Cost Analysis	Presenting: M. Bazie
2:00 PM	3:45 PM	Session 638	<b>Statistical Methods in Transportation</b> Flexible Modeling Approach Using Dirichlet Process Mixtures: Application to Municipality-Level Railway Grade Crossing Crash Data	Presenting: D. Lord, B. Mallick
2:00 PM	3:45 PM	Session 639	<b>Transportation Investments, Global Trade, and Economic Development Effects</b>	<b>Presiding: S. Vadali</b>
2:00 PM	3:45 PM	Session 641	<b>Developments in Low-Volume Road Management</b> Estimating Traffic Volume of Nonstate Roadways with Support Vector Regression	Presenting: S. Das
2:00 PM	3:45 PM	Session 642	<b>Binder Testing and Specifications</b> Bonding Strength of Nontracking Tack Coat	Presenting: A. Seo, M. Sakhaeifar, B. Wilson, N. Sakib
2:00 PM	3:45 PM	Session 643	<b>Asphalt Binders: Modifiers, Additives, Reclaimed Asphalt Pavement, and Warm-Mix Additives</b> Effect of Warm Mix Additives on Bond Energy of Asphalt Binders	Presenting: S. Chang, E. Arambula-Mercado, A. Epps Martin  Presenting: L. Cucalon, E. Masad, D. Little
2:00 PM	3:45 PM	Session 646	<b>Current Research Related to Asphalt Surface Mixtures</b> Hamburg Rutting Test: Effects of HMA Sample Sitting Time and Test Temperature Variation	Presenting: L. Walubita, A. Faruk, J. Zhang

12-Jan-16

Tue

Begin	End			Member(s)
2:00 PM	3:45 PM	Session 646	<b>Current Research Related to Asphalt Surface Mixtures</b>	
			Hamburg Rutting Test: Alternative Data Analysis Methods and HMA Screening Criteria	Presenting: L. Walubita, A. Faruk, J. Zhang, S. Lee
2:00 PM	3:45 PM	Session 647	<b>Fatigue Cracking Characteristics of Asphalt Mixtures</b>	
			Relating Asphalt Binder Elastic Recovery Properties to HMA Crack Modeling and Fatigue Life Prediction	Presenting: J. Zhang, L. Walubita, S. Hu, S. Lee
			Fatigue Performance Prediction of Asphalt Composites Subjected to Cyclic Loading with Intermittent Rest Periods	Presenting: P. Karki
2:00 PM	3:45 PM	Session 648	<b>Fracture Properties and Characteristics of Asphalt Mixtures</b>	
			Three-Dimensional Prediction of Fracture-Associated Response of Heterogeneous Asphalt Mixtures: Use of Two-Dimensional Microstructure Modeling	Presenting: D. Little
			Comparison of Fracture Cracking Parameters from Monotonic Loading Tests: IDT and Monotonic OT Tests	Presenting: S. Lee, A. Faruk, L. Walubita
			Relating Asphalt Binder Elastic Recovery Properties to HMA Cracking and Fracture Properties	Presenting: J. Zhang, L. Walubita, A. Faruk, S. Lee, P. Karki
2:00 PM	3:45 PM	Session 655	<b>Transportation Safety Management</b>	
			Measuring the Traffic Safety Culture of Texas: 2015 Results	Presenting: N. Johnson, K. Womack
			Correlations between Oil and Gas Energy Developments and Crashes	Presenting: C. Quiroga, J. Tsapakis
3:45 PM	5:30 PM	Session 682	<b>Innovative Concepts and Tools Designed to Address Unique Travel Characteristics Faced by Various Small and Medium-sized Communities</b>	
			Development of Improved Trip Attraction Rates for Small- and Medium-Sized Travel Demand Models	Presenting: B. Chigoy, L. Green, E. Hard
3:45 PM	5:30 PM	Session 689	<b>Current Concrete Bridge Topics</b>	
			Expansion Modeling and Strength Analysis of Bridge Pier Affected by ASR/DEF-Induced Expansion	Presenting: M. Karthik, J. Mander, S. Hurlebaus
3:45 PM	5:30 PM	Subcommittee	<b>Traffic Structures Subcommittee</b>	
			Post-Tensioned Traffic Signal Structure: Experimental Natural Wind Response and Fatigue Assessment	Presenting: S. Hurlebaus, J. Mander
4:15 PM	6:00 PM	Session 714	<b>Pavement Performance in Pavement Management Systems</b>	<b>Presiding: N. Gharaibeh</b>

12-Jan-16

Tue

Begin	End			Member(s)
4:15 PM	6:00 PM	Session 718	<b>Analytical and New Testing Techniques Related to Asphalt Binders</b>	
			Effect of Surface Tension on the Measurement of Surface Energy Components of Asphalt Binders Using the Wilhelmy Plate Method	Presenting: R. Luo, R. Lytton
			Study of Evolution of Asphalt Binder Microstructure due to Aging and Tensile Loading	Presenting: R. Jahangir, D. Little
4:15 PM	6:00 PM	Session 719	<b>Aging of Asphalt Binders</b>	
			Aging of Bitumen and Asphalt Concrete: Comparing State of the Practice and Ongoing Developments in the United States and Europe	Presenting: C. Glover
4:15 PM	6:00 PM	Session 722	<b>Moisture Susceptibility Issues in Asphalt Mixtures</b>	
			Warm-Mix Asphalt Moisture Susceptibility Evaluation for Mix Design and Quality Assurance	Presenting: F. Yin, A. Epps Martin, E. Arambula-Mercado
4:15 PM	6:00 PM	Session 723	<b>Asphalt Mixture Characterization and Evaluation</b>	
			Simple Punch Shear Test: Effects of Temperature and HMA Volumetric Design Variation	Presenting: A. Faruk, S. Lee, L. Walubita
			Complex Modulus and Complex Poisson's Ratio of Asphalt Field Cores	Presenting: M. Ling, X. Luo, F. Gu, R. Lytton
4:15 PM	6:00 PM	Session 724	<b>Modeling and Evaluation of Asphalt Materials</b>	
			Pavement Analysis Using Nonlinear Damage Approach: A Tool to Predict Response of Asphalt Pavements Subjected to Mechanical Loading and Environmental Conditions	Presenting: D. Little
4:15 PM	6:00 PM	Session 726	<b>Multimodal Traffic Signal Control</b>	
			Multimodal Intelligent Transportation Signal System Impact Assessment: Field Testing and Simulation Results	Presenting: K. Ahn
			Multimodal Intelligent Transportation Signal System Simulation Model Development and Assessment	Presenting: K. Ahn
4:15 PM	6:00 PM	Session 727	<b>Pavement Marking and Signing Design, Maintenance, and Evaluation</b>	
			Effective Removal of Pavement Markings	Presenting: A. Pike
5:45 PM	7:15 PM	Subcommittee	<b>ITED 2018 Conference Planning Subcommittee</b>	<b>Presiding: S. Vadali</b>
7:30 PM	10:00 PM	Session 742	<b>Asphalt Pavement Rehabilitation</b>	
			Development of Performance-Based and Cost-Effective Rehabilitation Strategies for High-Traffic-Volume Flexible Pavement	Presenting: M. Nobakht, M. Sakhaeifar, D. Newcomb

13-Jan-16

Wed

Begin	End			Member(s)
8:00 AM	9:45 AM	Session 745	<b>Congestion Pricing: Practical Applications of Roadway Pricing</b> Integrating Automated Toll Discounts into a Real-Time Ridesharing Program	Presenting: N. Wood
8:00 AM	9:45 AM	Session 750	<b>Travel Survey Sample Size and Stated-Preference Survey Design</b> Daily Travel Variability and Travel Survey Duration: Moving Beyond the Single-Day Convention	Presenting: W. Li, H. Park
8:00 AM	9:45 AM	Session 752	<b>Starting the Conversation: Public Outreach Issues Surrounding Autonomous Vehicles and Transformative Technologies</b> Policy Perspective	Presenting: G. Goodin
8:00 AM	9:45 AM	Session 753	<b>Hot Spots and the Air Pollution Bullseye: Understanding Near-Road Pollution and Exposure</b>  Modeling Air Quality and Population Exposure Levels to PM Emissions from Motor Vehicles in Gold Coast Region, Chicago	<b>Presiding: S. Vallamsundar</b>  Presenting: S. Vallamsundar
8:00 AM	9:45 AM	Session 757	<b>Advances in Network-Level Pavement Management</b> A Computational Technique for Detecting Errors in Network-level Pavement Condition Data	Presenting: S. Siabil, N. Gharaibeh
8:00 AM	9:45 AM	Session 771	<b>Transit Customer Satisfaction, Loyalty, Attitudes, and Behaviors</b> Understanding Public Attitudes Toward Transit at Statewide and Local Geographies	Presenting: G. Griffin, B. Ettelman
8:00 AM	12:00 PM	Committee	<b>Roadside Safety Design Committee</b>	<b>Presiding: R. Bligh</b>
8:00 AM	12:00 PM	Committee	<b>Freight Transportation Planning and Logistics Committee</b>	<b>Presiding: B. Wang</b>
8:30 AM	10:15 AM	Session 777	<b>Transportation Economics Topics: Cost-Benefit Analysis, Pricing, Mileage-Based User Fees, Elasticities, and More</b>	<b>Presiding: M. Burris</b>
8:30 AM	10:15 AM	Session 778	<b>Examining Accessible Mobility and Transport: Reaching New Conclusions for Multimodal Access</b> Utilizing Sidewalk Inventory Data with Trip Demand for Decision Making in Capital Improvements for Accessibility	Presenting: T. Hansen

13-Jan-16

Wed

Begin	End			Member(s)
8:30 AM	10:15 AM	Session 780	<b>Behavioral Processes</b> Psychological Items: A Useful Addition in Modeling Travel Behavior on Managed Lanes?	Presenting: L. Green, M. Burris, D. Florence, W. Arthur
8:30 AM	10:15 AM	Session 781	<b>New Insights into Mode Choice</b>	<b>Presiding: I. Sener</b>
8:30 AM	10:15 AM	Session 784	<b>Information and Communication Technologies and Activity Travel Choices</b> Relationships Between Online and In-Store Shopping Frequency of Residents in Davis, California	Presenting: R. Lee, I. Sener
8:30 AM	10:15 AM	Session 787	<b>Current Research Findings in Vehicle-Highway Automation</b> National Survey Identifying Gaps in Consumer Knowledge of Advanced Vehicle Safety Systems	<b>Presiding: S. Chrysler</b>
8:30 AM	10:15 AM	Session 795	<b>Pedestrian Safety</b> Driver Behavior in Pedestrian Crash Scenarios	Presenting: S. Chrysler
10:15 AM	12:00 PM	Session 801	<b>Using Mobile Phone Data in Travel Surveys</b> An Evaluation of Emerging Data Collection Technologies for Travel Demand Modeling: From Research to Practice	Presenting: R. Lee, I. Sener, J. Mullins
10:15 AM	12:00 PM	Session 802	<b>New Tools and Ideas for Visualizing, Exploring, and Communicating Performance at National, State, and Local Levels</b> Apples to Apples: Performance Measure Metadata Documentation	Presenting: S. Turner
10:15 AM	12:00 PM	Session 814	<b>Highlights from the University Transportation Centers Spotlight Conference on Connected and Automated Vehicles</b> AV/CV Deployments: Implications for State and Local Transportation Agencies	<b>Presiding: M. Tooley</b> Presenting: J. Zmud
10:15 AM	12:00 PM	Session 826	<b>Current Research in Agricultural Transportation</b>	<b>Presiding: J. Prozzi</b>
10:15 AM	12:00 PM	Subcommittee	<b>Transportation and Energy Sector Developments Subcommittee</b>	<b>Presiding: K. Turnbull</b>
2:30 PM	4:00 PM	Session 832	<b>Traffic Safety and Evaluation in China</b>	<b>Presiding: R. Aldrete</b>



13-Jan-16

Wed

Begin	End			Member(s)
2:30 PM	6:00 PM	Committee	<b>General Structures Committee</b>	
			Field Investigation of The Performance Of Three Bridge Approach Slabs In Oklahoma Using Falling Weight Deflectometer And Dynamic Cone Penetrometer	Presenting: D. Zollinger
2:30 PM	6:00 PM	Committee	<b>Operational Effects of Geometrics Committee</b>	Presiding: K. Fitzpatrick
2:30 PM	6:00 PM	Subcommittee	<b>Highway &amp; Vehicle Safety Finite Element Modeling &amp; Crash Simulation Forum: Modeling &amp; Simulation Methods</b>	
			Development of a Cab-Over Single Unit Truck Model	Presenting: A. Abu-Odeh
2:45 PM	4:30 PM	Session 855	<b>Transportation Network Modeling</b>	
			A Penalty Function Method for Finding the Minimal Revenue Tolls in Large-Scale Networks	Presenting: M. Shirazi, L. Quadrifoglio, M. Shirazi
4:30 PM	6:00 PM	Session 861	<b>Travel Behavior and Advanced Vehicle Technology</b>	
			Self-Driving Vehicles: Determinants of Adoption and Conditions of Usage	Presenting: J. Zmud, I. Sener, J. Wagner
4:30 PM	6:00 PM	Session 865	<b>Pedestrian Behavior and Safety at Roadway Crossings</b>	
			The Effects of Distractions on a Pedestrian's Waiting Behavior at Traffic Signals: An Observational Study	Presenting: G. Gillette, K. Fitzpatrick, S. Chrysler, R. Avelar
7:30 PM	9:30 PM	Subcommittee	<b>Combined Highway Safety Performance Research Subcommittees Meeting</b>	Presiding: K. Dixon

14-Jan-16

Thur

Begin	End			Member(s)
8:00 AM	12:00 PM	Subcommittee	<b>Highway &amp; Vehicle Safety Finite Element Modeling &amp; Crash Simulation Forum: Roadside Safety Simulations</b> Promoting Understanding of Modeling & Simulation by TTI Center for Computational	Presenting: A. Abu-Odeh
8:00 AM	12:00 PM	Workshop 868	<b>Freight Transport and Logistics in the Developing Countries: Challenges and Possible Solutions</b>	Presiding: R. Aldrete
8:00 AM	12:00 PM	Workshop 875	<b>Summary, perspectives and wrap up – making it count more</b> Summary, perspectives and wrap up – making it count more Sustainability in Transportation – Making it count	Presenting: J. Zietsman Presenting: J. Zietsman
8:00 AM	12:00 PM	Workshop 877	<b>Design, Testing, and Performance of Open-Graded Asphalt Mixtures</b> Field Performance Evaluation, Evolution, and Enhancement	Presenting: E. Arambula-Mercado