

15TH NATIONAL TOOLS OF THE TRADE CONFERENCE

SCHEDULE

9/12 MON

7:30 - 9:00
Breakfast Buffet, Colonial Room

9:00 - 12:00
Morning Workshops

Carolina A	Pinckney Room	Carolina B	Calhoun Room
A1: Population/Public Health 101 for Transportation Planners	B1: Travelworks Using the Rapid Policy Assessment Tool (RPAT)	C1: Data Needs for Long Range Planning	D1: Public Involvement through the Project Life Cycle: Planning & Design Emphasis
Coordinator: Jerry Everett	Coordinator: Jeff Carroll	Coordinator: Tameka Macon	Coordinator: Carol Strizich
Speakers: Ed Christopher and Ipek Sener	Speakers: Bryan Hong and Eric Pihl	Speakers: Penelope Weinberger <u>Presentation</u> Charlynn Burd <u>Presentation</u> Jeremy Raw <u>Presentation</u> Jasmy Methipara <u>Presentation</u>	Speakers: Jeff Moore and Claudia Bilotto

12:00 - 1:00
Lunch, Colonial Room

1:15 - 2:30
Welcome & Keynote Address by Mike Seekings, Colonial Room

Keynote address will highlight the historical development of the City's transportation system and discuss how some of today's issues might be best solved by circling back to former systems such as streetcars.



Mike Seekings

Mike Seekings is a magna cum laude graduate of Amherst College and received his law degree from the University of Pittsburgh. Following law school, he clerked for former South Carolina Governor Donald S. Russell on the United States Court of Appeals for the Fourth Circuit and thereafter worked for Latham & Watkins, in its Washington, D.C. office. He is now a partner with the firm of Leath, Bouch & Seekings, LLP representing owners in complex construction defect litigation. He is a member of the South Carolina, New York, and District of Columbia Bar Associations and is admitted to practice before the United States Supreme Court, the Fourth Circuit Court of Appeals and the District of South Carolina.

Mike Seekings is a regular speaker at seminars and community association meetings. Throughout his career, Mike has been active in political, civil, and educational activities and is currently serving a second term as Charleston City Councilman representing District 8. He is Chairman of CARTA, Chairman of the Sustainability Advisory Committee, Chairman of the Traffic and Transportation Committee, on the Board of the Charleston

Area Convention and Visitor Bureau, the Gibbes Museum, and the Cooper River Bridge Run. He is a former member of the South Carolina Bar's House of Delegates and the executive committee of the Charleston Bar. Mr. Seekings is a private pilot and one of Charleston's most avid runners.

2:30 - 3:00
Break & Exhibits, Prefunction A

3:00 - 5:00 Concurrent Sessions

Carolina A	Pinckney Room	Carolina B	Calhoun Room
A2: Performance-based & Scenario Planning	B2: Moving Forward: Tools & Methods to Advance Transit	C2: Advances in Data Collection & Analytics	D2: Show Me The Impacts!
Moderator: JD Allen	Moderator: Jim Wood	Moderator: Brian Lee	Moderator: Henry Brown
Performance-based Planning & Scenario Planning - An Overview of Approaches, Benefits & Challenges <i>Jeff Carroll, High Street Consulting Group</i> Abstract Presentation	A Method for Estimating Statewide Rural and Small Urban Transit Needs and Investment Priorities <i>J. Mattson, North Dakota State University</i> Abstract Presentation	What can we do to enhance and improve the application of mobile phone data in travel demand modeling? <i>Y. Han, The Corradino Group</i> Abstract Presentation	ADA for Roadway Design & Construction <i>D. Perkins, Florida DOT</i> Abstract Presentation
Performance-based Planning & Scenario Planning - Public Participation and Project Prioritization <i>JD Allen, ATG</i> Abstract Presentation	Small City Livability and Transit Services: Measuring and Planning for Both <i>J. Brooks, Texas A&M Transportation Institute</i> Abstract Presentation	Dubuque Smarter Travel <i>C. Ravada, Dubuque MPO</i> Abstract Presentation	Downtown Lexington (KY) Traffic Movement and Revitalization Study <i>F. T. Creasey, Stantec Consulting Services, Inc.</i> Paper Presentation
Performance-based Planning & Scenario Planning - Travel Demand Models <i>Mike Heath, ATG</i> Abstract Presentation	Is My Community Ready for Transit Oriented Development? A Tool for Assessing TOD Readiness <i>J. Dimmick, Renaissance Planning</i> Abstract Presentation	Practices on Preparing GTFS Feed Data for Small Urban and Rural Transit Systems <i>S. Tan, Texas A&M Transportation Institute</i> Abstract Presentation	Construction Traffic Analysis: To be or Not to be - A Case Study for NC-107 Widening, Sylva NC <i>T. Tayal & D. Bryson, vhb</i> Abstract Presentation
Performance-based Planning & Scenario Planning - Innovations in Alternative Future Scenarios - A State's Perspective <i>Jessie Jones, AHTD</i> Abstract Presentation	Evaluating Parking Behavior in the Raleigh-Durham Region & Examining How a Transit Agency May Influence Parking <i>M. Lee, RSG</i> Abstract Presentation	Alternate Methodologies for Origin-Destination Data Collection <i>R. Schiffer, Stantec Consulting Services, Inc.</i> Abstract Presentation	Traffic Operations & Safety Improvement Study for the Giant City Road Corridor in Carbondale, IL <i>D. Riechmann, The Lochmueller Group</i> Paper Presentation

5:30 - 7:30

Welcome Reception, Colonial Room

7:00 - 8:00
Breakfast Buffet, Colonial Room

8:00 - 9:30
Concurrent Sessions

Carolina A		Rutledge Room	Carolina B	
A3: DOT Caucus		B3: Transit Caucus	C3: MPO Caucus	
Moderator: Jim Wood		Moderator: JD Allen	Moderators: Ron Chicka and Dianne Morrison	
Scribe: Dan Thomas		Scribe: Erin Toop	Scribe: Page Scott	
Notes	Presentation	Notes	Notes	Presentation

9:30 - 10:00
Break & Exhibits, Prefunction A

10:00 - 11:30
Concurrent Sessions

Carolina A	Pinckney Room	Carolina B	Calhoun Room
A4: Performance-based & Scenario Planning	B4: Programs to Reduce Vehicle Dependence	C4: Doing More with Limited Data Collection Budgets	D4: Advancing New Technology
Moderator: Jeff Carroll	Moderator: Erin Toop	Moderator: Jeff LaMondia	Moderator: Ron Poole
Performance-based Planning for Connected and Automated Vehicles <i>J. Raw, FHWA</i>	Planning for Health + Walkability in Small Communities <i>A. Daney, Alta Planning + Design</i>	An Agile Tour-Based Model Built from Passive Data: A Case Study in Asheville, NC <i>J. Kressner, Transport Foundry</i>	Reduced-Form Models, Citizen Science Sensors, and Local Knowledge: Informing Local Decisions about Transportation-Related Air Pollution <i>T. Barzyk, US EPA</i>
Abstract Presentation	Abstract Presentation	Abstract Presentation	Abstract
Accounting for AV/CV in Long-Range Plans Using Current Travel Models <i>K. Hall, Texas A&M Transportation Institute</i>	Collaborating to Improve Safety and Accessibility to Bus Stops: Better Data, Sidewalks and Amenities <i>E. Olsen, Town of Blacksburg</i>	Big Data and Advanced Models on a Mid-Sized City's Budget: The Chattanooga Experience <i>V. Bernardin Jr., RSG</i>	Synopsis of New Methods and Technologies for Collecting Origin-Destination Data <i>E. Hard, Texas A&M Transportation Institute</i>
Abstract Presentation	Abstract Presentation	Abstract Presentation	Abstract Presentation
NCHRP's Foresight 750 Series: Informing Transportation's Future <i>T. Black, SCI Alliance</i>	Not Your Grandfather's DOT: How FDOT District 5 is Strengthening Multimodal Planning to Support Communities <i>M. Raulerson, Kittelson & Associates</i>	How Old is Too Old? The Aging of Household Travel Survey Data and What You Can Do About It. <i>S. Bricka, ETC Institute; L. Huntsinger, Parsons Brinckerhoff</i>	How Can BlueTOAD Technology and Google Traffic Maps Help Measure Traffic Congestion and Enhance the Congestion Management Process? <i>S. Hu, Lexington Area MPO</i>
Abstract Presentation	Abstract Presentation	Abstract Presentation	Abstract Presentation

12:00 - 1:30
Lunch Provided, Colonial Room

1:30 - 3:00
Concurrent Sessions

Carolina A	Pinckney Room	Carolina B	Calhoun Room
A5: Performance-based & Scenario Planning	B5: Data and Bicycle/Pedestrian Demand	C5: Incorporating Environmental Principles and Research Results into Transportation Planning Projects	D5: Financial Strategies
Moderator: JD Allen	Moderator: Dianne Morrison	Moderator: Sue Kimbrough	Moderator: Montie Wade
<p>Making Performance Management Real and Relevant to John and Jane Q Public <i>E. Enarason-Hering, Cambridge Systematics</i></p> <p>Abstract Presentation</p>	<p>A GIS-based Bicycle Facility Demand-Suitability Prioritization Tool <i>J. LaMondia, Auburn University</i></p> <p>Abstract Presentation</p>	<p>Pave the Way for LEED ND Sustainable Development <i>J. Zhang, Morgantown Monongalia MPO</i></p> <p>Abstract Presentation</p>	<p>Show Me At Least A Little Somewhat New Money: How Small and Mid-Size Communities Can Implement Projects Using the Federal Lands Access Program <i>L. Grimm, FHWA</i></p> <p>Abstract Presentation</p>
<p>New Tools for Integrating Safety into Performance-based Planning</p> <p>Abstract</p> <p><i>A. Wennink, Cambridge Systematics;</i></p> <p>Presentation</p> <p><i>C. Ngo, FHWA</i></p> <p>Presentation</p>	<p>An Interim Synthetic Approach for Estimating Pedestrian Volumes in Smaller Communities <i>P. Ohlms & Z. Herrman, Virginia DOT</i></p> <p>Paper Presentation</p>	<p>Assessment of Near-Source Air Pollution at a Fine Spatial Scale Utilizing a Mobile Measurement Platform Approach <i>J. Steffens, Oak Ridge Institute for Science and Education</i></p> <p>Abstract Presentation</p>	<p>Transportation Energy Savings Companies (T-ESCO) Opportunities and Experiences to Date <i>B. Whitaker, Vermont Energy Investment Corporation</i></p> <p>Abstract Presentation</p>
<p>Innovations and Effective Use of Scenario Planning <i>P. Hanegraaf, STV</i></p> <p>Abstract Presentation</p>	<p>GIS-based Prioritization of Pedestrian, Bicycle, and Trail Projects <i>A. Daney, Alta Planning + Design</i></p> <p>Abstract Presentation</p>	<p>Use of Noise Barriers and Roadside Vegetation as Potential Mitigation Methods for Traffic Emissions near Large Roadways <i>J. Steffens, Oak Ridge Institute for Science and Education</i></p> <p>Abstract Presentation</p>	<p>Emphasizing Flexibility and Responsiveness as the Value Proposition of the Small- and Medium-Sized MPO <i>J. Gittemeier, Duluth - Superior Metropolitan Interstate Council</i></p> <p>Abstract Presentation</p>

3:00 - 3:30
Break & Exhibits, Prefunction A

3:30 - 5:00 Concurrent Sessions

Carolina A	Pinckney Room	Carolina B	Calhoun Room
A6: Performance-based & Scenario Planning	B6: Improving the Cyclist Experience	C6: Freight & Logistics	D6: Public Involvement Every Voice Matters
Moderator: Jeff Carroll	Moderator: Erin Toop	Moderator: Ron Chicka	Moderator: Dianne Kresich
Small Community Transportation System Planning with Decreasing Traffic Volumes <i>M. Dolata, DKS Associates</i>	Brownsville MPO: Collaborative Partnerships & Innovations in Bicycle & Pedestrian Planning <i>M. Lund, Brownsville MPO</i>	Freight Planning in Small and Medium MPOs: Practical Tools and Lessons Learned <i>S. Gayle, RSG</i>	City of Wilmington 2014 Transportation Bond-Prioritization and Education of a Successful Transportation Bond Initiative <i>M. Kozlosky, Wilmington Urban Area MPO</i>
Abstract Presentation	Abstract Presentation	Abstract Presentation	Abstract Presentation
Tools to Reimagine and Rediscover US 1/America's Business Highway - A Tale from Florida's East Coast <i>S. Harris, River to Sea TPO; M. Raulerson, Kittelson & Associates</i>	Mapping Bicycle Facilities by Levels of Traffic Stress <i>A. Scrivener, San Diego Association of Governments</i>	Understanding Commercial Truck Use through Downtown Bozeman <i>N. Villwock-Witte, Western Transportation Institute</i>	Listening to the Ones Who Know <i>E. Thoresen, Gresham, Smith and Partners</i>
Abstract Presentation	Paper Presentation	Abstract Presentation	Paper Presentation
The Importance of Including Federal Land Management Agency Properties in the Statewide and Metropolitan Transportation Planning Process <i>L. Grimm, FHWA</i>	Bike Share Planning for Small- and Medium-Sized Cities <i>J. Cock, Alta Planning + Design</i>	Measuring Freight Accessibility in Small & Medium-Sized Communities <i>C. Duncan, Economic Development Research Group</i>	Millennials, WOW <i>P. Gross, Atkins Global</i>
Abstract Presentation	Abstract Presentation	Abstract Presentation	Abstract Presentation

5:45

Assemble for Walk to Charleston Museum, Lobby

6:00 - 9:00
Charleston Museum

7:00 - 8:00
Breakfast Buffet, Colonial Room

8:00 - 10:00
Concurrent Sessions

Carolina A	Pinckney Room	Carolina B	Calhoun Room
A7: Performance-based & Scenario Planning	B7: Community and Transportation Assets for the Future	C7: Travel Demand Modelling	D7: Public Involvement
Moderator: JD Allen	Moderator: Dan Thomas	Moderator: Rob Schiffer	Moderator: Andrew Canon
Performance-based Planning 2.0: Raising the Bar with SHRP-2 <i>S. Salameh, KYOVA Interstate Planning Commission;</i> <i>A. Fluit, Kimley-Horn & Associates</i> Abstract Presentation	Sidewalk Scout, Sidewalk Sentry, and the Sidewalk Priority Index: Cost-effective Tools for Inventorying and Managing Sidewalk Assets and Prioritizing Improvements in Small to Large Communities <i>R. Guensler, Georgia Institute of Technology</i> Paper Presentation	Challenges Associated with Creating a Combined Regional Model for Three Small-to-Medium Sized MPOs <i>K. Hall, Texas A&M Transportation Institute</i> Abstract Presentation	Complexity and Collaboration: The Harbor Technical Advisory Committee as a Model for Successful Stakeholder Planning and Coordination <i>R. Watson, Duluth - Superior Metropolitan Interstate Council</i> Abstract Presentation
The Use of Archived Travel Speed Data in Model Calibration and Validation <i>P. Ricotta, Caliper Corp.</i> Abstract Presentation	Regional Trails Corridor Assessment of the River to Sea TPO Planning Area <i>S. Harris, River to Sea TPO</i> Abstract Presentation	An Online Tool for Checking Travel Model Zone Data Consistency <i>J. Raw, FHWA</i> Abstract Presentation	Responsive Engagement: The Future of Transportation Meets the Future of Public Involvement <i>K. Caskey, Minnesota DOT</i> Abstract Presentation
A Scenario Planning Tool for Understanding a Community's Accessibility <i>M. Pettit, Citilabs, Inc.</i> Abstract Presentation	Considering Community Attributes and Impacts in Long Range Planning <i>P. Cook, NCDOT</i> Paper Presentation	Incorporating Advanced Models in Small and Medium Sized MPO Travel Models <i>B. Patel, Association of Monterey Bay Area Governments</i> Abstract Presentation	Performance-Based Assessment of Community Engagement Techniques for Long Range Transportation Plans <i>J. Carbee & T. McClure, HDR</i> Abstract Presentation
Assessing the Wider Economic Impacts of Transportation Projects at the Middle-Stage Planning <i>D. Chacon-Hurtado, Purdue University</i> Abstract Presentation	Interagency Coordination in Long Range Transportation Planning <i>A. Cook, NCDOT</i> Abstract Presentation	Models of University Student Travel for Small and Medium Cities <i>J. Huegy, Institute for Transportation Research and Education</i> Abstract Presentation	Relevant Engagement to Attract More Citizen Feedback <i>C. Wilson, PlaceVision;</i> <i>P. Buckwold, St. Lucie TPO</i> Abstract Presentation

10:00 - 10:30
Break & Exhibits, Prefunction A

10:30 - 12:00
Concurrent Sessions

Carolina A	Pinckney Room	Carolina B	Calhoun Room
A8: Asset Management	B8: Transit & Finance	C8: Travel Demand Modelling	D8: Planning for Emerging Technology
Moderator: Jaydeep Chaudhari	Moderator: Page Scott	Moderator: Rob Schiffer	Moderator: Erin Troop
<p>ADA and Resurfacing: Alterations vs. Maintenance <i>D. Perkins, Florida DOT</i></p> <p>Abstract Presentation</p>	<p>Supplementing Rural Transit Revenue via Package Delivery Service <i>J. Brooks, Texas A&M Transportation Institute</i></p> <p>Abstract Presentation</p>	<p>What Operations and Reliable Travel Routes Look Like Within the Most Innovative Small MPO Travel Models <i>S. Granato, Ohio DOT</i></p> <p>Abstract Presentation</p>	<p>The "Transportation Revolution" – How Do Planners Grapple with an Uncertain Future? <i>S. Gayle, RSG</i></p> <p>Abstract Presentation</p>
<p>Expanding the Role of Complete Streets: A Practitioner's Guide <i>M. Rutkowski, Stantec Consulting Services, Inc.</i></p> <p>Abstract Presentation</p>	<p>Financial Strategies for The Community of Innovative Transit <i>B. Goodman, The Goodman Corporation</i></p> <p>Abstract Presentation</p>	<p>North Carolina Modeling Guidelines: The Next Generation and Beyond <i>L. Huntsinger, Parsons Brinckerhoff</i></p> <p>Abstract Presentation</p>	<p>The Good and Bad News on Incorporating Automated and Connected Vehicles in Small- and Medium-Sized Communities <i>J. Bittner, Applied Research Associates</i></p> <p>Abstract Presentation</p>
<p>Performance-based Tools to Enhance Investment Decision Making: Assessing a Regional Bridge Network and the Long-Term Consequences of Underinvestment <i>R. Alvarado-Vazquez, Cambridge Systematics</i></p> <p>Paper Presentation</p>	<p>The Economic Benefits of Transit in Yavapai County – Translating Benefits and Lessons for Other Urbanizing Communities <i>C. Frei, Wight & Company</i></p> <p>Abstract Presentation</p>	<p>Modeling a Snapshot of Hilton Head Island in 2015 <i>E. Amar, CDM Smith</i></p> <p>Abstract Presentation</p>	<p>Pilot for Assessing Indirect and Cumulative Effects During MTP <i>T. Tayal & C. Andre, vhb; A. Cook, NCDOT</i></p> <p>Paper Presentation</p>

12:00 - 1:30
Lunch on your own

1:45 - 5:00
Mobile Workshops (3 choices), Lobby

1) South Carolina Ports Tour

2) Downtown Trolley Tour

3) Boeing Tour

Shuttle Service is kindly provided by the Charleston Area Regional Transportation Authority (CARTA).

Please thank your driver!