

**16th National Tools of the Trade Transportation Planning Conference**  
 Kansas City, MO, August 22-24, 2018,  
**Preliminary Agenda (Subject to Change)**

**Wednesday, August 22, 2018**

*8:00 - 9:00 Breakfast*

**9:00 - 12:00: Morning Concurrent Workshops**

<p><b>How Well Do You Know MPO LRTPs?</b>  <i>Coordinator:</i> Ed Christopher, Retired FHWA and Bill Frawley, TTI</p>	<p><b>Smart Small and Medium-Sized Cities</b>  <i>Coordinator:</i> Katherine Turnbull, Texas A&amp;M Transportation Institute and Mia Zmud, MZInsights</p>	<p><b>CTPP Crash Course/What's next/Local Perspective</b>  <i>Coordinator:</i> Penelope Weinberger, AASHTO and Jeffrey LaMondia, Auburn University</p> <p>CTPP Crash Course          What's coming in the next CTPP          CTPP, it's not just for breakfast anymore (MARC Perspective) <i>Jim Hubbell, MARC</i></p>	<p><b>Public Involvement in Disruptive Situations</b>  <i>Coordinators:</i> Claudia Bilotto, WSP and Erin Toop, City of Edmonton</p>
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*12:00 - 1:30: Lunch*

**1:30 - 2:30: Welcome & Keynote Address**

*2:30 - 3:00 Break*

**3:00 - 5:00: Afternoon Concurrent Sessions**

<p><b>Scenario Planning</b>  <i>Moderator:</i> Matt Johns, Rapides Area Planning Commission</p> <p>Scenario Planning and Tool Integration in NW Communities <i>Ian Varley, City Explained, Inc.</i></p> <p>Estimating VMT and Emission Reductions from Travel Efficiency Strategies - Four Case Studies <i>Mark Simons, U.S. Environmental Protection Agency</i></p>	<p><b>Project Finance &amp; Prioritization</b>  <i>Moderator:</i> Montie Wade, Wade Engineering Associates</p> <p>Financial Strategies - Resource Development Program, COMPASS, Meridian, Idaho <i>Toni Tisdale, Community Planning Association of SW Idaho</i></p> <p>Enhanced Project Scoping to Support Effective Transportation Planning <i>Amir Hessami, Texas A&amp;M University – Kingsville</i></p>	<p><b>Big Data for O/D Estimation &amp; Air Quality Models</b>  <i>Moderator:</i> Neil Peacock, Caltrans</p> <p>Using Big Data Can to Inform External Station Inputs for a Travel Demand Model <i>Tim Padgett, Kimley-Horn and Associates, Inc.</i></p> <p>Using Big Data in Small and Medium Sized Regions: 3 Case Studies and Lessons Learned <i>Jonathan Avner, Whitman, Requardt &amp; Associates, LLP</i></p>	<p><b>Freight &amp; Logistics</b>  <i>Moderator:</i> Carol Strizich, Montana DOT</p> <p>Quantifying Freight and Service Activity Trends in Cities, <i>Jeffrey Wojtowicz, Rensselaer Polytechnic Institute</i></p> <p>Developing a Freight Trip Generation Model and Transferability Test for Medium-Sized Cities <i>Mehrnaz Doustmohammadi, University of Alabama-Huntsville</i></p>
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Connected, Automated, and Autonomous Vehicle Scenario Planning in a University Community <i>Katherine Turnbull, Texas A&amp;M Transportation Institute</i>	How Creation of a Flexible Specific Model Will Provide Solid Guidance to a Municipality Now & In 20 Years, <i>Steven Florko, Stantec Consulting Ltd.</i>	Vehicle Emissions and Air Quality: How Big Data Can Help, <i>Laura Schewel, StreetLight Data</i>	An Interactive Web Guide for Understanding and Using New Data Sources to Address Freight Challenges, <i>Vivek Sakhrani, CPCS</i>
2050 MTP Planning for CAVs, TDM, Higher Density with Scenario Planning & Analytical Hierarchy in a Small Area <i>Jonathan Slason, RSG</i>	Project Life Cycle: Inception to Ribbon Cutting <i>J.D. Allen, Alliance Transportation Group, Inc.</i>	Big Data - From Corridors to Regions <i>Tim Padgett, Kimley-Horn and Associates, Inc.</i>	"Size and What": Generating Effective Statewide Size & Weight Program all Stakeholders can Support <i>Mike Lawson, Atkins North America</i>

**5:30 - 7:00 Evening Reception: The Arabia Steamboat Museum**

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**Thursday, August 23, 2018**

**7:30 - 8:30 Breakfast**

**8:30 - 9:30: Morning Concurrent Sessions**

<p><b>Performance Based Planning I</b>          Moderator: Charles Goodman, FTA</p> <p>Fast Tracked Performance Based Planning / Pueblo Area Council of Governments  <i>Maureen Paz de Araujo, Wilson &amp; Co.</i></p> <p>Performance Based Regional Scenario Planning / Omaha-Council Bluffs MPO  <i>Michael Helgerson, Council Bluffs MPO</i></p>	<p><b>Design Elements of Non-Motorized Transportation</b>          Moderator: Henry Brown, University of Missouri</p> <p>FHWA Tools to Support Pedestrian and Bicycle Planning for All Users  <i>Gary Jensen, Federal Highway Administration</i></p> <p>Designing for Complete Streets in Mid-Sized Communities: From Policies to Tools for Implementation  <i>Tammy Sufi, Toole Design Group</i></p>	<p><b>Modeling Potpourri</b>          Moderator: Mori Byington, Bannock TPO</p> <p>Applying smartphone-based travel surveys in small and medium-sized regions  <i>Christopher Coy, RSG</i></p> <p>Using Traffic Simulation Models to Evaluate Forecasting Uncertainty  <i>Lynn Jacobs, Fehr &amp; Peers</i></p>	<p><b>Rural Transportation</b>          Moderator: Larry McGoogin, Tennessee DOT</p> <p>Rural Transportation Planning by the Florida Department of Transportation  <i>Rusty Ennemoser, Florida Department of Transportation</i></p> <p>Understanding &amp; Overcoming Barriers to Transportation Management Associations &amp; Alternative Methods of Transportation in Rural Maine  <i>Vicki Rusbult, Eastern Maine Development Corporation</i></p>
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**9:30 - 10:00 Break**

**10:00 - 11:30: Morning Concurrent Sessions**

<p><b>Performance Based Planning II</b>          Moderator: Charles Goodman, FTA</p> <p>Performance Based Scenario Planning for a Medium Sized MPO  <i>Udit Molakatalla, Lochmueller Group</i></p> <p>Performance Based Capital Improvement Plans  <i>Jim Webb, The Goodman Corporation</i></p> <p>Performance Management for City Transportation,  <i>Stephen Hardy, mySidewalk, Inc.</i></p>	<p><b>Planning for Non-Motorized Transportation</b>          Moderator: Dan Thomas, Atkins North America</p> <p>Continuing a Community Conversation: Demonstrating a Protected Bike Lane in Duluth, Minnesota, <i>Rondi Watson, Duluth-Superior Metro. Interstate Council</i></p> <p>Using Open Source Data, Measures and Indexes to visualize changes to pedestrian networks  <i>Christopher Seeger, Iowa State University</i></p> <p>Perspectives on Non-motorized Travel Monitoring from Small and Medium-Sized Communities in Virginia, <i>Peter Ohlms, Virginia Transportation Research Council</i></p>	<p><b>Updates to Existing Models</b>          Moderator: Mori Byington, Bannock TPO</p> <p>Tools for Validating External Trips in Small Urban Area Models  <i>Rob Schiffer, FuturePlan Consulting, LLC</i></p> <p>Supporting the Rochester Mayo Clinic Plan Implementation: A Traffic Model Grows Up  <i>Stephen Wilson, SRF Consulting</i></p> <p>The State of the Kentucky Statewide Model: Updates and Considerations  <i>Mark Butler, Stantec Consulting Inc.</i></p>	<p><b>Title VI/Environmental Justice</b>          Moderator: Henry Brown, University of Missouri</p> <p>Data collection for equity in regional transportation planning  <i>Bill Austin, Morgantown Monongalia MPO</i></p> <p>Understanding Equity Empirically: The Power of Integrated Data Sets  <i>Laura Schewel, StreetLight Data</i></p> <p>Applying NCHRP Report 860: Assessing Environmental Justice Effects of Toll Implementation/Rate Changes: Guidebook &amp; Toolbox  <i>Deborah Matherly, Louis Berger US, Inc.</i></p>
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11:30 - 1:00: Lunch

11:45 – 1:30 Meeting: TRB Committee on Metropolitan Planning, Policy and Processes (ADA20)

#### 1:30 - 3:00: Afternoon Concurrent Sessions

A5: Resiliency & Sustainability	B5: Asset Management	C5: Advancing New Technologies I	D5: Transit I
<p><b>Moderator:</b> Jeffrey LaMondia, Auburn University</p> <p>Sea Level Rise and Storm Surge Resiliency Project  <i>Stephan Harris, River to Sea Transportation Planning Organization</i></p> <p>Building Transit System Resilience  <i>Deborah Matherly, Louis Berger US, Inc.</i></p> <p>Advancing Sustainability at the Regional and Local Level Through INVEST  <i>Alexandra Oster, U.S. DOT Volpe Center</i></p>	<p><b>Moderator:</b> Jeff Carroll, High Street Consulting</p> <p>Sidewalk Prioritization Index: Objective and Transparent Sidewalk Asset Management  <i>David Boyer, Georgia Institute of Technology</i></p> <p>Integrating Pavement Preservation into Asset Management Approaches  <i>Jason Bittner, ARA</i></p> <p>Managing Regional Assets Using Scenario Planning  <i>Stephen Wilson, SRF Consulting</i></p>	<p><b>Moderator:</b> Mia Zmud, MZInsights</p> <p>Integrating Smartphone Apps into a Small Regional Household Travel Survey in Billings, MT  <i>Laura Wilson, Westat, Inc</i></p> <p>Big Data for Small Projects  <i>Curt Thye, StreetLight Data</i></p> <p>GPS and Cell Data for Medium and Small Cities  <i>Byron Chigoy, Texas A&amp;M Transportation Institute</i></p>	<p><b>Moderator:</b> Mary Kay Christopher, MKC Associates</p> <p>Simulating Microtransit: Leveraging Big Data For Demand-Driven Transit  <i>Elaine McVey, TransLoc</i></p> <p>How to Create Schedules With No Data  <i>Timothy Simon, Alliance Transportation Group</i></p> <p>Bike, Bus, Drive, Park - Building a Multimodal Choice Framework for a Mid-sized City  <i>Philip Pugliese, Chattanooga Area Regional Transportation Authority</i></p>

3:00 – 3:30 Break

#### 3:30 pm – 5:00 pm: Afternoon Concurrent Workshops

A6: Performance Based Planning Workshop	B6: Road Safety Plan/Safety Communication Workshop	C6: Advancing New Technologies Workshop	D6: Transit II/Interactive Workshop
<p><b>Coordinator:</b> Charla Glendening, Arizona DOT</p> <p>Prioritizing Complete Streets Projects: A methodology for small and medium sized communities  <i>Ariel Godwin, Southern Georgia Regional Council</i></p> <p>Manageable metrics: Practical applications to achieve economic, environmental, health, and mobility outcomes throughout transportation planning &amp; project prioritization  <i>Neil Peacock, Caltrans</i></p> <p>FTA-APTA Performance Based Planning and Programming Roundtable Series for small and medium sized communities  <i>Jenna Overton, USDOT</i></p>	<p><b>Coordinator:</b> Dan Thomas, Atkins North America</p> <p>Advancing Safety with GIS Analysis  <i>Jim Townsend, Wilson &amp; Co.</i></p> <p>Developing a Local Road Safety Plan  <i>Danena Gaines, FHWA Center for Rural Road Safety and Cambridge Systematics</i></p> <p>Effectively Communicating Safety with Elected Officials  <i>Pamela Beer, Cambridge Systematics</i></p>	<p><b>Coordinator:</b> Stacey Bricka, MacroSys and Jerry Everett, University of Tennessee</p> <p>Developing and Implementing Sustainable Strategies and Solutions for Multimodal Travel Behavior Data</p>	<p><b>Coordinator:</b> Mary Kay Christopher, MKC Associates</p> <p>Reimagining your system around rapid transit  <i>Timothy Simon, Alliance Transportation Group</i></p> <p>Simple methods for Rural Transit to connect with Full-function GTFS  <i>Marcy Jaffe, National Rural Transit Assistance Program</i></p>

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*Volpe Center*

Transportation Performance Management  
Implementation: Meeting the needs of small and  
medium sized communities *Bill Keyrouze, AMPO*

**5:30 – 7:00 PM: Meeting: TRB Committee on Public Involvement in Transportation (ADA60)**



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**Friday, August 24, 2018**

**7:30 - 8:30 Breakfast**

**8:30 - 10:00: Morning Concurrent Sessions**

<p><b>Tourism &amp; Long-Distance Travel and Economic Impacts</b>  <b>Moderator:</b> April Delchamps, City of Kent, WA          A Destination-based Planning Tool To Forecast Out-of-Town Long-Distance Travel from Rural Communities  <i>Jeffrey LaMondia, Auburn University</i></p> <p>Developing a Transportation Plan for “The Daddy of ‘Em All!” – Cheyenne Frontier Days  <i>John Davis, Ayres Associates Inc</i></p> <p>Evaluating the Economic Development Impacts of Arterial Signal Coordination Strategies  <i>Davis Chacon-Hurtado, Purdue University</i></p>	<p><b>Traffic Safety and Operations Analysis</b>  <b>Moderator:</b> Emily Lindsey, DRCOG          “Who’s Cutting Through Town?”: Understanding Cut-Through and Diverting Traffic Using StreetLight Data  <i>Anthony Gallo, Kimley-Horn &amp; Associates</i></p> <p>Lincoln City-Wide Crash Study  <i>Jon Markt, HDR, Inc.</i></p> <p>It Is All About the Gates  <i>Mark Berger, Louis Berger US</i></p>	<p><b>Modeling Methodologies for Small/ Medium Areas</b>  <b>Moderator:</b> Rob Schiffer, FuturePlan Consulting, LLC          Travel Demand Modeling for Small Cities/Towns  <i>Shea Suski, Felsburg Holt &amp; Ullevig</i></p> <p>Method Selection for Travel Forecasting  <i>Maren Outwater, RSG</i></p> <p>Making best-practice trip-based models affordable for small and medium communities  <i>David Ward, WSP</i></p>	<p><b>Public Participation</b>  <b>Moderator:</b> Brian Gibson, Saint Cloud Area MPO          StreetScope Public Engagement Platform  <i>Alexandra Markiewicz, Volpe Transportation Systems Center, US DOT</i></p> <p>Engaging the Public in Transportation through Citizen Advisory Boards  <i>Leta Huntsinger, WSP</i></p> <p>Effective Community Engagement in a Small Area with Diverse Populations  <i>Beth Beltran, Martin Metropolitan Planning Organization</i></p>
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**10:00 - 10:30 Break**

**10:30 - 12:00: Morning Concurrent Sessions and Roundtable**

<p><b>MPO Caucus/Roundtable</b>  <b>Coordinator:</b> Ron Chicka, Arrowhead Regional Development Commission</p>	<p><b>Traffic Safety &amp; Non-Motorized Transportation</b>  <b>Moderator:</b> Tameka Macon, FHWA          Measuring the Safety Impacts of Green Bike Lanes in Small and Medium-sized Communities  <i>Jeffrey LaMondia, Auburn University</i></p> <p>Examination of Bicycle and Pedestrian Crashes in the Austin District of Texas  <i>Ipek Sener, Texas A&amp;M Transportation Institute</i></p> <p>A Systematic Pedestrian Safety Planning Tool for Rural and Small Urban Areas  <i>Amir Jamali, Montana State University</i></p>	<p><b>New Modeling Techniques</b>  <b>Moderator:</b> Rob Schiffer, FuturePlan Consulting, LLC          More Accurate Peak Period Traffic Assignments Using Regional Dynamic Traffic Assignment  <i>Norman Marshall, Smart Mobility, Inc.</i></p> <p>Using Accessibility to Improve Development Forecasting  <i>William Allen, Citilabs</i></p> <p>Estimating Free-Flow Speeds for Small and Medium Sized Area Travel Demand Models using INRIX Speed Data  <i>Kapil Arya, Texas A&amp;M Transportation Institute</i></p>	<p><b>Public Participation</b>  <b>Moderator:</b> Brian Gibson, Saint Cloud Area MPO          Collaborate, Innovate, Educate: Key Ingredients for Leveraging Stakeholder Insight to Boost Your Brand  <i>Samantha Dubay, HDR, Inc.</i></p> <p>Public Engagement in a "Post Fact" World  <i>Perry Gross, Atkins North America</i></p>
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