

Conference Guide



Annual Meeting 2010 AASHTO RAC/TRB State Representatives

July 26-29

Hosted by Region 3

Missouri & Kansas





*Annual Meeting 2010 AASHTO RAC/TRB State Representatives
July 26-29, Kansas City, Missouri*

Welcome to Missouri!

We count it as a privilege to be your host for the next four days in the great state of Missouri. This is an AASHTO committee that I'm quite familiar with having served on the Standing Committee on Research for several years. The agenda looks challenging, and I hope each of you will take home a long list of things to implement in your organization. I'm convinced your time will be well spent if we all commit to learn best practices from each other.

Please be sure to test our hospitality. We truly want this to be a memorable conference for you. While you are here, I hope you'll take in some of the area attractions.

Have a great conference!



Kevin Keith, Interim Director
Missouri Department of
Transportation

Be sure to visit our fine list of exhibitors!



Meeting Agenda

Day One: Monday, July 26, 2010

8 -9 am	RAC/CUTC Liaison Meeting (<i>members only</i>) <i>Benton</i>
9 am-Noon	Joint RAC/CUTC Meeting <i>Van Horn</i>

Noon-1 pm Lunch On Your Own

1-2:45 pm	Task Force Meetings		
	Value of Research <i>Mara Campbell</i> <i>Van Horn A</i>	Coordination & Collaboration <i>Sue Sillick/Nancy Chinlund</i> <i>Benton A</i>	Administration & Education <i>Steve Pepin/Skip Paul</i> <i>Van Horn B</i>

2:45-3 pm Break

3-4:45 pm	Task Force Meetings		
	Program Management & Quality <i>David Jared/Michael Bonini</i> <i>Van Horn A</i>	Funding <i>Daniel Yeh</i> <i>Benton A</i>	Transportation Knowledge Networks <i>Leni Oman</i> <i>Van Horn B</i>
5-6:30 pm	Welcome Reception/Exhibit Opening <i>Pershing Exhibition Hall</i>		
6:30-8:30 pm	RAC 101 Workshop <i>Benton</i> <i>Moderator: Skip Paul</i> <i>Speakers: Moy Biswas, Gary Frederick, Chris Hedges, Barnie Jones, Amy Schutzbach</i>		

Day Two: Tuesday, July 27, 2010

7-7:50 am	Regional Breakfast Meetings <i>Open Session 7-7:30 am</i> <i>Closed Executive Session 7:30-7:50 am</i>				
	Region 1 <i>Benton A</i>	Region 2 <i>Benton B</i>	Region 3 <i>Van Horn A</i>	Region 4 <i>Van Horn B</i>	Others <i>Van Horn C</i>
8-8:30 am	Opening Session <i>Empire Room</i> Welcome from the Standing Committee on Research and the Research Advisory Committee <i>Sandra Larson, RAC Chair</i> Welcome from Missouri <i>Kevin Keith, Interim Director, Missouri DOT</i> Welcome from Meeting Planning Committee <i>Mara Campbell, Missouri DOT</i>				

Meeting Agenda (cont'd.)

8:30-10 am	<p>Plenary Session – National Updates <i>Empire Room</i> Moderator: Sandra Larson</p> <p>Report from Transportation Research Board <i>Robert Skinner, Executive Director</i></p> <p>Report from Cooperative Research Programs <i>Christopher Jenks, Director</i></p> <p>Report from TRB State Representatives <i>Mark Norman, TRB</i></p> <p>Report from AASHTO Standing Committee on Research <i>Sandra Larson, RAC Chair</i></p>
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10-10:30 am Break – Pershing Exhibition Hall (Exhibits open until 5:30 pm)

10:30-Noon	<p>Plenary Session – National Updates (cont'd.) <i>Empire Room</i> Moderator: Rick Collins</p> <p>Report from Federal Highway Administration <i>Michael Trentacoste, Associate Administrator</i></p> <p>Report from Research and Innovative Technology Administration <i>Rob Bertini, Deputy Administrator</i></p> <p>Report from Council of University Transportation Centers <i>Bob Plymale, Rahall Transportation Institute</i></p> <p>Report from Strategic Highway Research Program 2 <i>Ann Brach, Deputy Director</i></p>
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Noon-1:30 pm	<p>Lunch and Keynote Address <i>Pershing Exhibition Hall</i> <i>Steve Crescenzo, Crescenzo Communications</i></p> <p>Steve Crescenzo has helped thousands of communicators improve both their print and electronic communication efforts. Crescenzo is one of the nation's leading experts in employee communications and conducts numerous seminars and workshops, writes regular columns and communicates through blogs and podcasts.</p>
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1:30-3 pm	<p>Plenary Session – Deploying Research in the States Part 1 – Technology Transfer – Federal to State <i>Empire Room</i> Moderator: Tommy Nantung</p> <p>Technology Transfer from FHWA to State DOTs Implementation of Mechanistic Empirical Pavement Design Guide <i>Chris Wagner, FHWA</i></p> <p>Technology Transfer from TRB/NCHRP to State DOTs Implementation of Selected TRB/NCHRP Projects in Utah DOT <i>Michael Fazio, Utah DOT</i></p> <p>Technology Transfer from FHWA Pooled Fund Study to State DOTs Implementation of Winter Maintenance Pooled Fund Study <i>David Huft, South Dakota DOT</i></p>
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3-3:30 pm Break – Pershing Exhibition Hall

Meeting Agenda (cont'd.)

3:30-5 pm	<p>Plenary Session – Deploying Research in the States Part 2 – Successful Methods to Implement Results <i>Empire Room</i> <i>Moderator: Linda Taylor</i></p> <p>Region 1 : Building on Success: The PennDOT Research & Innovation Implementation Program <i>Michael Bonini, Pennsylvania DOT</i></p> <p>Region 2: Research Implementation In Region 2 <i>Dr. Moy Biswas, North Carolina DOT</i></p> <p>Region 3: Iowa’s Research, Technology & Implementation Program <i>Sandra Larson, Iowa DOT</i></p> <p>Region 4: Regional Research Implementation Pilot Program Update <i>Rick Collins, Texas DOT</i></p>
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5-5:10 pm	<p>Daily Announcements <i>Mara Campbell, Missouri DOT</i></p>
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6-9 pm	<p>Evening Event – Barbecue and Jazz <i>Kansas City Union Station</i></p>
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Day Three: Wednesday, July 28, 2010

7-8:20 am	<p>Regional Breakfast Meetings <i>Open Session 7-7:30 am</i> <i>Closed Executive Session 7:30-8:20 am</i></p>				
	<p>Region 1 <i>Benton A</i></p>	<p>Region 2 <i>Benton B</i></p>	<p>Region 3 <i>Van Horn A</i></p>	<p>Region 4 <i>Van Horn B</i></p>	<p>Others <i>Van Horn C</i></p>

8:30-10 am	<p>Concurrent Sessions</p>				
	<p>C1-Breaking Out of the Silos <i>Empire A&B</i> <i>Moderator: David Kuehn</i></p> <p>External forces are increasing the coordination and collaboration of research activities with new and unexpected partners. This session highlights different examples of cooperation and collaboration, the environment that leads to new partnerships, and the results.</p> <p>Collaboration Between New York DOT and the New York State Energy & Research Development Authority <i>Gary Frederick, New York State DOT</i></p> <p>The Kansas City Cross-Town Improvement Project <i>Randy Butler, FHWA</i></p> <p>Recycled Materials Resource Center <i>Craig Benson, University of Wisconsin-Madison</i></p> <p>The Transportation Engineering & Road Research Alliance <i>André D. Clover, Michigan DOT</i></p>				
	<p>C2-Promising Research Roundtable <i>Empire C</i> <i>Moderators: Amy Schutzbach/Jennifer Gallagher</i></p> <p>Got Research? Join us for a series of interactive, fast-hitting presentations of the most promising research conducted nationally.</p> <p><i>Individual speakers will be announced at the session.</i></p>				

10-10:30 am Break – Pershing Exhibition Hall (Exhibits open until 3:45 pm)

Meeting Agenda (cont'd.)

<p>10:30-Noon</p>	<p>Concurrent Sessions</p> <p>C3-Research & Web 2.0 <i>Empire A&B</i> <i>Moderator: Jason Bittner</i></p> <p>This session will provide an introduction to implementing Web 2.0 technologies in transportation agencies with particular attention to applications for transportation research and administration. Speakers will address barriers for state programs and offer observations on how to overcome these barriers. Panelists will familiarize participants with key Web 2.0 applications and discuss their utility in the transportation context. The session will be an interactive experience, with exchange of successes and failures in this subject area. This session is co-sponsored by the TRB Committee on Conduct of Research.</p> <p>Online Tools for Transportation Research: Collaboration in the Cloud <i>Steve Wagner, University of Wisconsin-Madison</i></p> <p>KDOT's Take on Practical Government 2.0: Internal and External Online Communities <i>Julie Lorenz, Kansas DOT</i></p> <p>Working with the Network: How to Use the Hive to Help Transportation Research <i>Kendra Levine, Institute of Transportation Studies Library, UC-Berkeley</i></p> <hr/> <p>C4-Measuring Performance of Projects, Programs & People <i>Empire C</i> <i>Moderator: Daniel Yeh</i></p> <p>This session will share some best practices and tools of the trade for public transportation agencies to improve the quality of research projects and programs. The best practices will focus on all aspects of research projects, including evaluation of the researcher, evaluation of the DOT staff and creation and evaluation of technical oversight panels.</p> <p>Getting Off on the Right Foot and Staying There: Methods to Ensure the Right People are Involved for Successful Research <i>Sue Sillick, Montana DOT</i></p> <p>Evaluation and Performance Review at the Illinois Center for Transportation <i>Patty Broers, Illinois DOT</i></p> <p>Project Monitors and Principal Investigators: Assessing Each Other's Performance <i>Rod Montney, Kansas DOT</i></p>
<p>Noon-1:15 pm</p>	<p>Lunch and Report from AASHTO <i>Pershing Exhibition Hall</i> <i>John Horsley, AASHTO Executive Director</i></p>
<p>1:30 -2 pm</p>	<p>Plenary Session <i>Empire Room</i> <i>Jerry DiMaggio, Implementation Coordinator, SHRP 2</i></p> <p>The mission of the Strategic Highway Research Program (SHRP 2) is “accelerating solutions for highway safety, renewal, reliability, and capacity.” This session will focus on recent SHRP 2 products and implementation activities.</p>
<p>2-3:15 pm</p>	<p>TRB State Representative Business Meeting Part 1 – Administrative Topics <i>Empire Room</i> <i>Moderator: Fred Hejl, TRB</i></p> <p>Last Call for Long Term Visioning Trends and Issues <i>Thomas Palmerlee, TRB</i></p> <p>State DOTs and the TRB Annual Meeting <i>Mark Norman, TRB</i></p>

Meeting Agenda (cont'd.)

2-3:15 pm	<p>TRB State Representative Business Meeting (cont'd.) Part 1 – Administrative Topics <i>Empire Room</i> <i>Moderator: Fred Hejl, TRB</i></p> <p>Keeping Your CEO informed about TRB <i>Leni Oman, Washington State DOT/Mark Norman, TRB</i></p> <p>Enhancing the Value of TRB State Partnership Visits <i>Skip Paul, Louisiana DOTD</i></p> <p>Budgets: Current Status and Outlook for TRB and our State DOT Sponsors <i>Mark Norman, TRB</i></p> <p>Getting TRB Publications to the Right People in Your DOT <i>Mark Norman, TRB</i></p> <p>Earning Continuing Education Credits for TRB Activities <i>Mark Norman, TRB</i></p>
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3:15-3:45 pm Break – Pershing Exhibition Hall (Exhibits close at 3:45 pm)

3:45-5:15 pm	<p>TRB State Representative Business Meeting Part 2 – Long-term Visioning on Trends and Issues Facing State DOTs and TRB <i>Empire Room</i> <i>Facilitators –Thomas Palmerlee/Mark Norman, TRB</i></p> <p>Come together for a group discussion to help identify the long-term trends and potential issues that may affect or be affected by transportation and what these might mean for the future of state DOTs, TRB and other transportation organizations. This will be part of a dialogue being undertaken by TRB to lay the foundation for eventual updates to the TRB “Critical Issues in Transportation,” and the TRB Strategic Plan.</p>
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5:15-5:30 pm	<p>Daily Announcements <i>Mara Campbell, Missouri DOT</i></p>
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6:30-9 pm	<p>Regional Dinners (not included in registration fee)</p>
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Day Four: Thursday, July 29, 2010

7-7:50 am	<p>Networking Breakfast <i>Pershing Exhibition Hall</i></p>
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8-9:45 am	<p>RAC Task Force Reports <i>Pershing Exhibition Hall</i> <i>Moderator: Rick Collins</i></p> <p>Administration & Education <i>Skip Paul, Louisiana DOT /Steve Pepin, Massachusetts EOT</i></p> <p>Coordination & Collaboration <i>Nancy Chinlund, CalTRANS/Sue Sillick, Montana DOT</i></p> <p>Funding <i>Daniel Yeh, Wisconsin DOT</i></p> <p>Program Management & Quality <i>David Jared, Georgia DOT/Michael Bonini, Pennsylvania DOT</i></p> <p>Transportation Knowledge Networks <i>Leni Oman, Washington State DOT</i></p> <p>Value of Research <i>Mara Campbell, Missouri DOT</i></p>
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Meeting Agenda (cont'd.)

9:45-10:15 am	Break <i>Pershing Exhibition Hall</i>
10:15-11:30 am	RAC Regional Reports <i>Pershing Exhibition Hall</i> <i>Moderator: Sandra Larson</i> Region 1 <i>Dale Peabody, Maine DOT</i> Region 2 <i>Jeff Brown, Alabama DOT</i> Region 3 <i>Mara Campbell, Missouri DOT</i> Region 4 <i>Clint Adler, Alaska DOT</i>
11:30 -11:45 am	Lunch <i>Pershing Exhibition Hall (box lunch service)</i>
11:45 am-1 pm	Roundtable/Town Hall Discussion <i>Pershing Exhibition Hall</i> <i>Moderators: Mara Campbell/Daniel Yeh</i> “Everything’s Up to Date in Kansas City,” or is it? Join in a free-flowing discussion with all conference participants to review what was learned this year in Kansas City and talk about what still needs to be addressed in the research community in the year ahead.
1:30-3 pm	RAC Officers’ Closeout Meeting (Closed Executive Session) <i>Pershing Exhibition Hall</i>

Thank you to our exhibitors!



Conference Bios

Dr. Craig H. Benson, P.E., DGE, is Wisconsin Distinguished Professor and Chair of Geological Engineering at the University of Wisconsin-Madison. He also serves as Director of the Recycled Materials Resource Center, a federally funded research center focused on sustainable construction of transportation infrastructure. Dr. Benson has a B.S. from Lehigh University and M.S.E. and Ph.D. from the University of Texas at Austin. Dr. Benson has been conducting experimental and analytical research in geoenvironmental engineering for 27 years, with the primary focus in waste containment, beneficial use of industrial byproducts, and sustainable construction. His research has included laboratory studies, large-scale field experiments, and computer modeling. Dr. Benson has received several awards for his work, including the Huber Research Prize, the Alfred Nobel Prize, and the Croes (twice), Middlebrooks, Collingwood, and Casagrande Awards from the American Society of Civil Engineers. Dr. Benson is a member of the ASCE Geo-Institute (GI) and is former Editor-in-Chief of the ASCE/GI Journal of Geotechnical and Geoenvironmental Engineering. He currently serves on the ASCE/GI Board of Governors and the Executive Committee of ASTM Committee D18 on Soil and Rock. Dr. Benson is a member of the University of Texas Academy of Distinguished Alumni.

www.recycledmaterials.org

Dr. Robert L. Bertini was sworn in as the fourth Deputy Administrator of the Research and Innovative Technology Administration (RITA) in August 2009. In addition to his duties as Deputy Administrator, Dr. Bertini is serving a one-year assignment as Acting Director of the Intelligent Transportation Systems Joint Program Office. Dr. Bertini was the founding Director of the Oregon Transportation Research and Education Consortium, led the Intelligent Transportation Systems Laboratory at Portland State University, and was a recipient of the National Science Foundation CAREER Award. He served as Professor of Civil & Environmental Engineering and Urban Studies & Planning at Portland State prior to joining RITA. Dr. Bertini has more than 21 years of experience in the transportation field, including work with local government, several national transportation consulting firms on transit and highway projects, the auto industry, and university research and education. Dr. Bertini is the author or co-author of more than 225 publications including journal articles, conference proceedings, book chapters and technical reports, with more than 235 citations. He is a registered professional engineer and a former city planning commissioner and has received a B.S. cum laude in civil engineering from the California Polytechnic State University, San Luis Obispo; an M.S. in civil engineering from San Jose State University, and a Ph.D. in civil engineering from the University of California at Berkeley. www.rita.dot.gov

Mirrmay (Moy) Biswas is the Manager of the Office of Research at the North Carolina DOT. He has a long and distinguished career that includes consulting on civil structures, nuclear power plants and nuclear fusion reactor projects and publication for a number of associations, including TRB and the American Society of Civil Engineers. He has held research and teaching affiliations with the University of Virginia, the Virginia Transportation Research Council, the National Radio Astronomy Observatory, the Princeton Plasma Physics Laboratory, Texas A&M University/Texas Transportation Institute and the Duke University Transportation Research Center. He holds a bachelor's degree from the Indian Institute of Technology and a doctorate from the University of Virginia. www.ncdot.org

Jason Bittner is the Deputy Director of the Wisconsin Transportation Center at the University of Wisconsin. He is also a Researcher at the National Center for Freight and Infrastructure Research and Education (CFIRE) and is co-chair of the TRB Committee on Conduct of Research. He recently completed tenure as Acting Director of the CFIRE program. Previous to his work in freight, Jason was a researcher and program manager for the USDOT Region 5 Midwest Regional University Transportation Center. His research there included analysis of state and local transportation asset management, including performance measurement and maintenance quality assurance. He holds degrees from the American University in Washington D.C. and the University of Wisconsin-Madison, La Follette School of Public Affairs in political science and public administration. Jason also holds a lecturer appointment in the Department of Civil and Environmental Engineering at the University of Wisconsin and served as an adjunct professor in Political Science at Edgewood College.

www.wistrans.org/cfire/

Conference Bios (cont'd.)

Michael Bonini is the Research Program Manager and TRB State Representative for the Pennsylvania Department of Transportation (PennDOT). In this role, Michael is responsible for the development, management and administration of a fiscally-constrained, prioritized Research Program. In addition, Michael is responsible for the implementation and deployment of research results and other identified innovations throughout PennDOT. Michael also serves on several national transportation committees, including an appointment to the TRB Conduct of Research Committee. He received his undergraduate degree in Political Science from the University of Pittsburgh and his Master's degree in Public Administration from the University of Baltimore while serving as President for the Pi Alpha Alpha Honors Fraternity and the MPA Student Association. A graduate of the Pennsylvania Management Associate (PMA) program, Michael has been with PennDOT Research since his formal appointment. www.dot.state.pa.us

Ann Brach is the Deputy Director of the second Strategic Highway Research Program (SHRP 2) at the Transportation Research Board (TRB) of the National Academies. Dr. Brach is responsible for overseeing research on the role of driver behavior in highway safety and on methods for rapid renewal of highway infrastructure; she also oversees initial research implementation activities. In addition, Dr. Brach carries out legislative analysis related to federal highway and transportation-related research. Prior to her current position, Dr. Brach served as a Senior Program Officer in Policy Studies at TRB, where she directed the development of SHRP 2. Before coming to TRB, Dr. Brach was Research and Technology Program Manager at the Federal Highway Administration and Chief of the Research and Technology Division of the Maryland State Highway Administration. Dr. Brach obtained her B.S. in civil engineering from Northeastern University in Boston. She received an M.S. and Ph.D. from the Massachusetts Institute of Technology, where she focused on management of research and innovation in the construction industry. She recently completed a Master of Arts degree in philosophy at the Catholic University of America. She has served as chair of the Research Committee of the American Society of Civil Engineers Transportation and Development Institute and as a member of ASCE's Transportation Policy Committee. She is a registered Professional Engineer in the Commonwealth of Virginia. www.trb.org/StrategicHighwayResearchProgram2SHRP2/Public/Blank2.aspx

Patricia Broers has been with the Illinois Department of Transportation (IDOT) for over 30 years. She received a B.A. from Western Illinois University and an M.A. from the University of Illinois at Springfield. As the Research Coordination Manager for the Bureau of Materials and Physical Research, she oversees the day-to-day operations of the contract research program, and is the administrative contact for transportation pooled funds. www.dot.il.gov

Randy Butler joined the Federal Highway Administration in November of 2003 as a Transportation Specialist on the Operation and Technology Team in the Office of Freight Management and Operations. Prior to joining FHWA, Randy completed a 35-year career in the private sector in managing freight transportation operations, engineering, customer service, business process reengineering, information systems and project management. Randy's education includes a B.S. in engineering technology from University of Memphis, M.B.A. and M.S. in management information systems from Bellevue University, and an M.A. in transportation policy, operations, and logistics from George Mason University. Randy also holds a Project Management Professional Certification from the Project Management Institute.

<http://ops.fhwa.dot.gov>

Mara Campbell is the Organizational Results Director for the Missouri Department of Transportation, a position she assumed in June 2005. This unit is responsible for coordinating organizational performance efforts such as the development and monitoring of performance measures and essential process and quality efforts coupled with innovative and applicable transportation research. Mara has been employed with MoDOT for 14 years and has extensive experience in performance measurement and process engineering. Prior to joining MoDOT, she was the public relations and marketing director for the Capital Region Medical Center in Jefferson City. She is a certified Quality Manager. Mara received her bachelor's degree in public relations/communications in 1984 from Central Missouri State University in Warrensburg and has a master of business administration from William Woods University. www.modot.gov

Conference Bios (cont'd.)

André Clover is the Administrative Engineer of Research and National Best Practices for the Michigan Department of Transportation. He began his MDOT career in 1976, upon earning a B.S. in civil engineering from Michigan State University. In 1977, he returned to MSU and earned an M.S. in civil engineering in 1980. During and following his graduate studies, he was employed in the private sector; first with a bridge design consultant (Lansing, MI), and later with a geotechnical consultant (Farmington Hills, MI). He returned to MDOT in 1984. In 1984, Clover was a staff engineer in the Central Office of Materials and Technology. From 1985 to 2005, he held various positions and received several promotions in the fields of Construction and Maintenance, under the Bureau of Highway Operations. In August 2005, André was appointed to his current position. His primary role is to assist the Engineer of ORBP in the planning, development, and administration of the SPR Part II program. In the best practices area, Clover is involved with department efforts to identify and take advantage of transportation best practices regionally, nationally and internationally. His work in this area supports the department goal to find the best ways to meet its needs throughout the organization and around the state. www.michigan.gov/mdot

Rick Collins, P.E., has been Director of the Research and Technology Implementation Office of the Texas Department of Transportation (TxDOT) since January, 2004. In this role, he is responsible for the research program and implementation of research results and new technologies and processes. Prior to that, he served as director of the Traffic Engineering Section in the Traffic Operations Division. As section director, Rick was responsible for guidelines associated with the design, placement and use of traffic control devices. Rick began his TxDOT career as an engineering assistant in the Design Division in 1982. In addition, he served as safety and programs engineer and then as railroad liaison engineer. He has also worked for a private consulting engineering company. Rick earned his bachelor's in civil engineering from Texas A&M University and his master's in engineering from the University of Texas at Austin. www.txdot.gov

Steve Crescenzo is a consultant, writer and seminar leader. He has helped thousands of communicators improve both their print and electronic communication efforts. Recognized as one of the nation's leading experts in employee communications, Steve is the leader of four popular workshops: Strategic Employee Communication Vehicles, Integrating Print and Online Communication Vehicles, The Master Class of Employee Communication, and Creative Communications. He is also the author of his popular blog, Corporate Hallucinations and is the host of his podcast, Creative Conversations. Steve is has been voted the number one seminar leader for the International Association of Business Communicators (IABC) in the 2008 and the 2009 International Conference, and has been asked to speak in IABCs "All Star Track" for the past four years. Steve also speaks at numerous IABC chapter and district events throughout America and Europe and writes a regular column in IABC's Communication World. www.crescenzocomm.com

Jerry DiMaggio, P.E., M.ASCE, is Implementation Coordinator of the second Strategic Highway Research Program (SHRP 2) at the Transportation Research Board (TRB) of the National Academies. Jerry has also served on a number of projects related to Load Resistance Factor Design (LRFD), risk management assessment/mitigation plans, innovative contracting and accelerated construction. He is the retired (2008) Principal Bridge Engineer – Geotechnical and National Program Manager with the U.S. DOT, Federal Highway Administration in Washington D.C. He holds B.S. and M.S. degrees in Civil Engineering from Clarkson University in New York State and is a registered professional engineer in several states. Jerry is also a certified Master Trainer and licensed Contract Arbitrator (AAA). He has provided consulting services related design, construction and contract matters on approximately 1000 civil construction projects in all 50 states, throughout Central and South America, several Middle Eastern countries and Australia. He has been a member of the adjunct faculty at the University of Delaware, Johns Hopkins University in Baltimore, and The University of Akron in Ohio. He has been the invited keynote speaker at over 30 national meetings and conferences. Jerry has authored 35 technical papers and publications and edited three civil engineering books. www.trb.org/StrategicHighwayResearchProgram2SHRP2/Public/Blank2.aspx

Michael Fazio has filled the position of Utah DOT Research Deputy Director for the last four years, managing the Utah transportation research programs and projects. Prior to working in research, Michael was the Chief Hydraulic Engineer, responsible for the technical management and design of drainage structure for hydrology and hydraulics issues. He was a member of the AASHTO Technical Committee on Hydrology, which he chaired for two years. As a Resident Engineer he oversaw the construction and rehabilitation of many sections of highway in Utah. He is married to Susan Fazio and they are the parents of two children. www.udot.utah.gov

Conference Bios (cont'd.)

Gary Frederick has had the honor of being the Director of the New York State Department of Transportation's Research and Development Bureau for the past seven years. The bureau position includes oversight of the department's library services and management of the Local Technical Assistance Program. Gary is a licensed professional engineer and has been with NYSDOT's Office of Technical Services for his entire 30 years of public service. www.nysdot.gov

Jennifer Gallagher oversees Innovation, Research and Implementation at the Ohio Department of Transportation, a position held since March of this year. In this position she directs a program consisting of over 100 active research projects with an annual budget of almost \$8 million. Jennifer also is leading the effort at the Ohio Department of Transportation for "Livable Ohio," a joint effort with the Ohio Department of Development, the Ohio EPA, and the Governor's Office for creating livable communities across the state. She oversees the station development planning for the Quick Start 3C Passenger Train Service for which ODOT received \$400 million from Federal Rail Administration and plans to have running by the end of 2012. Prior to this position, Jennifer directed the Work Zone and Safety Section at ODOT for five years. Jennifer is a registered professional engineer and a graduate of Ohio State University. She holds a B.S. and M.S. degree in civil engineering. www.dot.state.oh.us

Chris Hedges has worked in transportation research program management for more than 20 years. He has been with the U.S. Transportation Research Board since 1999 as a Senior Program Officer in the National Cooperative Highway Research Program. In his present position with TRB, Chris manages a diverse portfolio of research in the areas of policy, economics, planning, finance, traffic engineering, and geometric design. He also provides administrative support to the AASHTO Research Advisory Committee. Before coming to TRB, Chris spent 14 years with the Transportation Association of Canada, most recently as their Director of Research and Information Services. www.trb.org

Frederick Hejl is an Associate Director of the Transportation Research Board Technical Activities Division. Mr. Hejl joined TRB in 1990 as the Engineer of Materials and Construction. In addition to being an Associate Director, he still provides staff support to standing committees and task forces dealing with asphalt and concrete materials and construction. Over the past 10 years, he established and provided staff support to the TRB Task Force on Accelerating Innovation in the Highway Industry, from which emerged the Accelerated Construction Technology Transfer process that has now been successfully used by state departments of transportation throughout the country. Mr. Hejl also serves as chair of the editorial board for the TR News magazine. Prior to his employment at the Transportation Research Board, he was an officer in the US Naval Civil Engineer Corps and a highway maintenance and construction management consultant. www.trb.org

Dave Huft is the Research Program Manager and Intelligent Transportation Systems Coordinator for the South Dakota Department of Transportation (SDDOT). SDDOT's Office of Research addresses a broad range of research topics in transportation design, construction, operations, maintenance, planning, administration, and market research. Dave has been active in national research activities and is a past chair of the AASHTO Research Advisory Committee. He is currently a member of the AASHTO Standing Committee on Research and the AASHTO Technology Implementation Group, and was co-chair of the International Scan on Research Program Management. Dave is a recipient of AASHTO's President's Award for Research and Alfred E. Johnson Award for Outstanding Achievement as well as the Transportation Research Board's W.N. Carey, Jr. Distinguished Service Award. He was named to the South Dakota Transportation Hall of Honor in 2009. www.sddot.com

Chris Jenks currently serves as Director of Cooperative Research Programs for the Transportation Research Board, a unit of the National Academies in Washington, DC. He is responsible for administering five cooperative research programs with a combined annual budget of about \$67 million. Each cooperative research program provides industry-driven, problem-solving, applied research to a particular segment of the transportation industry, including state DOTs, public transportation operators, airports, and the freight and hazardous materials transportation communities. Chris also has served as an Associate Director for Business Planning and Development at the Washington Metropolitan Area Transit Authority; Chief of Transit Service Planning and Operations for the Fairfax County (VA) Department of Transportation located in suburban Washington, D.C.; and has held positions with the Pioneer Valley Planning Commission in western Massachusetts and the Pennsylvania Department of Transportation. Chris holds an engineering degree from Cornell University. www.trb.org

Conference Bios (cont'd.)

Dr. Bernie Jones is the Research Section Manager for the Oregon Department of Transportation. He has spent his entire 24-year transportation career with the Oregon DOT, where he worked first as a senior research analyst, researching effectiveness of licensing and other regulatory programs for drivers, along with a broader range of transportation topics. He became Research Section Manager in 1998. Dr. Jones has published numerous journal articles, book chapters and agency reports in the areas of highway safety, human factors in transportation, road pricing and statistical methods. He earned his bachelor's degree from Central Washington State College, his master's from Arizona State University and his doctorate from the University of Oregon. www.oregon.gov/odot/

Kevin L. Keith, P.E., was appointed Interim Director of the Missouri Department of Transportation effective April 23, 2010. His career with MoDOT spans more than 25 years. He served nearly nine years as the department's Chief Engineer, a position that placed him second in authority to the director. Before becoming Chief Engineer, he served as Transportation Planning Director and, prior to that, as District Engineer for MoDOT's Northwest District headquartered in St. Joseph. He has also worked in Branson, St. Louis and Chillicothe during his tenure with MoDOT. Kevin is nationally recognized for his innovative efforts implementing "Practical Design" a no-frills approach enabling MoDOT to satisfy customer needs while saving money to put toward more transportation improvements. Practical Design has saved Missouri taxpayers \$500 million and has been adopted in other states. He graduated from the University of Missouri-Columbia in 1982 with a bachelor's Degree in civil engineering. He is active nationally in the American Association of State Highway and Transportation Officials and is a member of the Missouri Society of Professional Engineers. www.modot.gov

David Kuehn became the first Program Manager for the Federal Highway Administration (FHWA) Exploratory Advanced Research Program. The Program Manager serves as the senior advisor to agency leadership on the communication and coordination of exploratory advanced research activities and fosters partnerships with other Federal agencies, national scientific societies and organizations, and the academic community in support of the program. The program focuses on longer term and higher risk research with the potential for transformational improvements to the transportation system. Before working at the federal level, David worked in local government and as a consultant in Southern California. He holds an M.P.A. from the University of Southern California and a B.A. from the University of California at Irvine and is a member of the American Institute of Certified Planners (AICP). www.fhwa.dot.gov/advancedresearch/

Sandra Q. Larson, P.E., is the Research and Technology Bureau Director at the Iowa Department of Transportation, where she has served since 1988. She is responsible for planning, development and implementation of the department's research and ITS program. She has also served as Engineering Bureau Director, Bridges and Structures Office Director, a Resident Construction Engineer, and a Bridge Design Engineer. She is the TRB and AASHTO Research Advisory Committee state representative for the Iowa DOT and currently serves on several TRB committees including Surface Transportation Weather, Portland Cement Pavement Construction and General Structures. She is the AASHTO Research Advisory Committee Chair, Standing Committee on Research Vice-Chair and past Highway Subcommittee on Bridges and Structures Vice-Chair. She is also the Chair of the NCHRP IDEA Committee and served on the Committee for the SHRP 2 Implementation and National Research Council-appointed Committee for Pavement Technology Review and Evaluation. Sandra is a member of the recently formed FHWA Long-term Bridge Performance Program Expert Working Group led by the Center for Advanced Infrastructure and Transportation at Rutgers University, New Jersey. She has bachelor's degrees in civil engineering and general science/biology from Iowa State University and is a licensed civil and structural engineer in Iowa. www.iowadot.gov

Kendra K. Levine is the Reference and Outreach Librarian at the Institute of Transportation Studies Library at the University of California at Berkeley, a role that involves interactions with a wide range of transportation researchers from public agencies, universities and the private sector. She is interested in how transportation information can be used and shared using social media and open platforms. She developed MashTrans.org as a tool to aggregate and discuss Web 2.0 initiatives in transportation. She is involved with the larger transportation community through participation in the SLA Transportation Division, the Transportation Research Board and Transportation Knowledge Networks. She earned her M.L.I.S./M.S.I.S. from Drexel in 2008. www.mashtrans.org

Conference Bios (cont'd.)

Julie Lorenz was named Director of the Division of Public Affairs for the Kansas Department of Transportation in October 2003. From developing agency performance measures to implementing social media approaches, her primary role is to help KDOT become more responsive, transparent and accountable to legislators, citizens and stakeholders. After seven years of collaborative efforts resulting in improved business practices and an expanded and more inclusive project selection process, KDOT secured a new, \$8.2 billion 10-year transportation funding program this spring. Prior to joining KDOT, Julie was a public affairs and management consultant for the HNTB Corporation and URS for 15 years. She has a master's degree in organizational psychology from the University of Kansas and graduated from Drury College with degrees in psychology and business administration. www.ksdot.org

Deb Miller was appointed to be Secretary of Transportation of the Kansas Department of Transportation (KDOT) in 2003, becoming the first woman to achieve that position at KDOT. Secretary Miller has more than 20 years of experience in the field of transportation as well as extensive experience in working with political leaders. Since becoming Secretary, Ms. Miller has helped shape national transportation policy as a member of several national transportation boards and committees. In 2008, she became chairman of the TRB Executive Committee after serving as vice-chairman the previous year. Secretary Miller also serves as chair of the AASHTO Standing Committee on Planning. Secretary Miller came to KDOT after four years with HNTB Corporation. Her role as Secretary is her second tour of duty with KDOT. From 1986 to 1997 she was the Director of the Division of Planning and Development. She is a 1976 magna cum laude graduate of Kansas State University with a B.A. in sociology. www.ksdot.org

Rod Montney is currently the Engineer of Research for the Kansas DOT. He graduated from the Colorado School of Mines in 1984 with a degree in Mining Engineering. He began working for KDOT in the Garden City Construction Office. He has held a total of eight positions in KDOT in District 6 (southwest Kansas), the Geotechnical Unit, the Materials Test Unit and in Research. www.ksdot.org

Mark Norman has served as the Director of the Technical Activities Division of the Transportation Research Board since 2000. This TRB division is responsible for the 200 TRB standing committees and their 4,000 volunteer members, the TRB Annual Meeting that attracts more than 10,000 transportation professionals each year, and numerous TRB conferences, workshops and publications produced throughout the year. From 1991 to 2000, Mark served as Deputy Executive Director of the Institute of Transportation Engineers. Prior to rejoining ITE, Mark served as the Director of Policy Development for the Highway Users Federation where he spent considerable time working on national transportation issues leading up to the ISTEA. During much of that time, Mark was also the chief staff person responsible for organizing a new association - the Intelligent Vehicle/Highway Society of America, now ITS America, and served as its Acting Executive Director. Prior to that, Mark served for 13 years as the ITE Director of Professional Programs for ITE, and four years with the New York State DOT. He has a B.S. degree in civil engineering from RPI, a masters degree in transportation from Northwestern University, and is a registered Professional Engineer. www.trb.org

Harold (Skip) Paul has been serving the Louisiana Department of Transportation and Development for over 33 years in both the research section and since 1986, the Louisiana Transportation Research Center. He has been serving as the Director of LTRC since March 2006. In addition, the LA DOTD Materials Laboratory reports to the Director, LTRC. Skip has also served as an Engineer-in-Training, Bituminous Research Engineer, and Materials Research Engineer and Associate Director, Research. As a researcher, he has over 40 publications at the Transportation Research Board, Association of Asphalt Paving Technologists and other technical publications. Skip has also served the Transportation Research Board in a number of positions and NCHRP panels culminating as the Technical Division A Chair, responsible for over 3,500 professionals in over 200 committees. He was named an Associate of the National Academies for his service. Skip is a former board member of the Association of Asphalt Paving Technologists and has participated on many FHWA advisory groups. Skip is a graduate of Lehigh University holding two degrees, a B.S. in mechanical engineering and a B.A. in English. He is a licensed engineer in the state of Louisiana. www.dotd.louisiana.gov

Conference Bios (cont'd.)

Robert “Bob” Plymale is CEO and director of the Rahall Transportation Institute (RTI) at Marshall University in Huntington, West Virginia. Under his leadership, RTI has received two U.S. patents, developed the National Maritime Enhancement Institute at RTI, and produced the award winning Electronic Commercial Drivers Licensing program. In addition to managing the day-to-day operations at RTI, Bob is a highly effective and well-regarded public servant. He is currently serving his fifth term in the West Virginia State Senate. He is chairman of the Senate Education Committee and serves on the Budget Conferees, Rules, Finance, Pensions, Confirmations, and Transportation and Infrastructure committees respectively. In 2004, Bob was named to the National Council of State Governments (NCSL) National Task Force on “No Child Left Behind” and from 2005-2006, he was Chairman of the NCSL Education Committee and a member of the Blue Ribbon Commission on Higher Education. In 2009-10, Bob co-chaired the NCSL Federal Education Policy Task Force. He is the recipient of the Presidential Citation from Glenville State College, a Distinguished Service Award from the West Virginia Athletic Directors Association, and the Michael Prestera Award of Excellence in recognition of his efforts to improve the lives of individuals living with behavioral health issues. In 2005, he received the Distinguished Service to the Community Award from Marshall University. More recently, he was named co-President of the Keith Albee Theater Performing Arts Center, Inc., and has been instrumental in reviving and maintaining this Huntington landmark as a performing arts and community center. He received the Legislative Leadership for Arts in Education in March 2010. He is a graduate of Marshall University. www.njrati.org

Amy Schutzbach is the Engineer of Physical Research at the Illinois Department of Transportation (IDOT), a position she has held since 2007. She graduated with her B.S. in civil engineering from the University of Illinois at Urbana-Champaign in 1984, and her M.S. in civil engineering, also from the University of Illinois at Urbana-Champaign, in 1985. After graduation, she was hired by the IDOT in the Bureau of Materials and Physical Research (BMPR). At BMPR she has served in a variety of positions, including Materials Investigation Engineer, Design Technology Engineer, and Engineer of Technical and Product Studies, before assuming her current position as Engineer of Physical Research in the fall of 2007. She represents IDOT on AASHTO RAC and serves as IDOT’s state TRB representative. www.dot.il.gov

Sue Sillick is the Research Programs Manager for the Montana DOT. She has been with the department for 16 years and held the research position for 12 years. Her responsibilities include managing the research, development and technology transfer programs of MDT. Prior to this position, Sue was a project manager in the research programs for four years. Sue is active nationally and in Montana furthering research, development, technology transfer and library issues. She co-chairs the TRB Conduct of Research and RAC Coordination and Collaboration of Transportation Research Task Force. Finally, Sue is a member of a number of TRB committees, including Conduct of Research, Information Services and Library and Information Science for Transportation. www.mdt.mt.gov

Robert Skinner has been the Executive Director of the Transportation Research Board (TRB) of the National Academies since 1994. Prior to becoming executive director, Mr. Skinner directed TRB’s policy study activities. Before joining TRB in 1983, he was a Vice President of Alan M. Voorhees and Associates, a transportation consulting firm. Bob recently served on the Metrolink (Los Angeles) Commuter Rail Safety Review Panel and chaired the Special Advisory Panel for the Stem-to-Stern Safety Review of the Boston Central Artery/Tunnel Project. In addition, he serves on a number of university and research advisory groups including the Board of Trustees for the School of Engineering and Applied Sciences at the University of Virginia, the Advisory Board for the Center for Urban Transportation Research at the University of South Florida, the External Review Committee for the MIT-Portugal Project, and the Advisory Board for the School of Public Policy at George Mason University. Bob earned his bachelor’s degree in civil engineering from the University of Virginia and received a master’s degree in civil engineering from the Massachusetts Institute of Technology. A registered professional engineer, he received the James Laurie Prize from the American Society of Civil Engineers in 2003. www.trb.org

Conference Bios (cont'd.)

Linda Taylor, P.E., has served as the Director of Research Services for the Minnesota DOT since May 2009. She is responsible for Minnesota's State Research Program and Transportation Library. Research Services provides administrative support, financial management and information services to Local Road Research Board, State Research Program and FHWA State Planning and Research Program. Linda has worked for MnDOT since 1982 in a variety of positions, including serving most recently as the Maintenance Training and Research Engineer in the Office of Maintenance. Her other experience includes working as the signal operations and traffic modeling engineer for both Metro District and the Central Office traffic offices; holding various positions in Freeway Operations, including as Research and Development Engineer; serving as a Bridge Automation Engineer and as the Computer Aided Drafting and Design System Manager. Linda has a bachelor's degree in civil engineering from the University of Minnesota. www.dot.state.mn.us

Michael Trentacoste was named the Associate Administrator for Research, Development & Technology (RD&T) in January 2009. He also serves as the Director of FHWA's Turner-Fairbank Highway Research Center (TFHRC) in McLean, Virginia. He is responsible for leadership in the development and coordination of national research and technology partnerships, corporate facilitation and coordination of the delivery of technology and innovation and the formulation, conduct and evaluation of research and development. Prior to becoming Associate Administrator, he was Director, Office of Safety Research & Development at TFHRC. Prior to that appointment, he was Director of the Office of Highway Safety in FHWA with responsibility for development and implementation of the agency's highway safety policy and program initiatives. During his 32-year career with the US Department of Transportation, Michael has led development of the national Commercial Driver License (CDL); initiated the agency's commercial truck and bus driver fatigue research studies; and directed FHWA's 500 federal motor carrier field investigative staff and \$75 million commercial safety inspection grant program. He has managed programs in US DOT dealing with Amtrak, high-speed rail, and rail safety and held a variety of technical positions with the New York State Department of Transportation. Michael is a graduate of Manhattan College in civil engineering and has an M.S. in Transportation from Northwestern University. www.tfhrc.gov

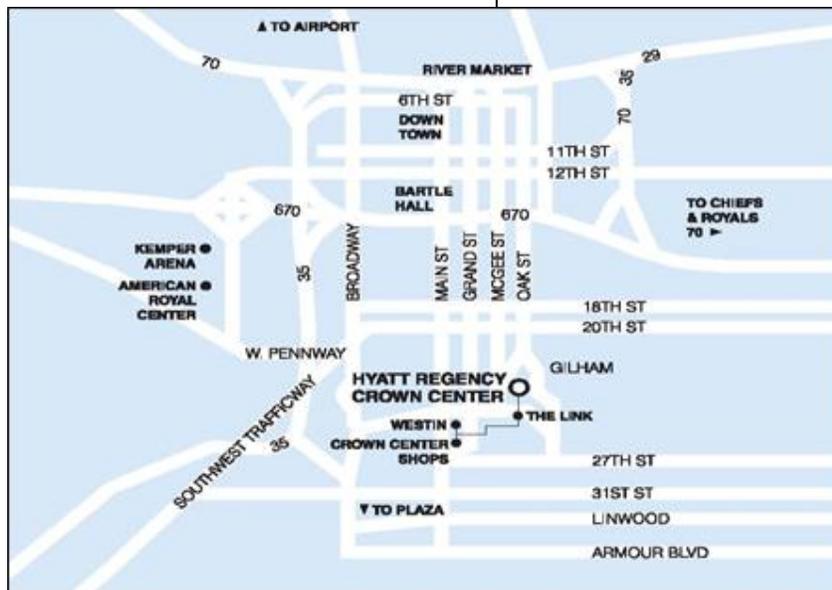
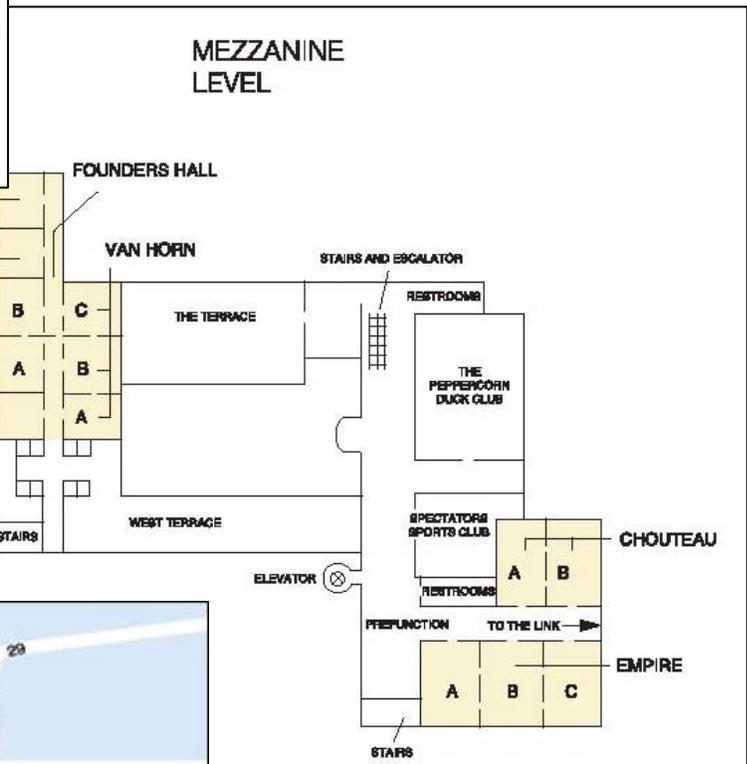
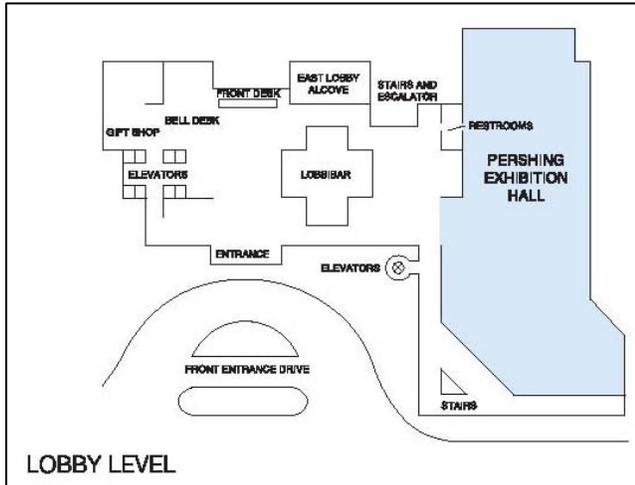
Chris Wagner is the Pavement and Materials Engineer for the FHWA National Resource Center in Atlanta, Georgia, a position he has held since 2004. He has held previous positions in FHWA division offices in Georgia and Indiana and served at the National Center for Asphalt Technology. These experiences covered a broad range of activities in the field of pavements including research, specification development and implementation, materials testing, technology transfer, pavement design and project oversight. He is also a current member of the FHWA Design Guide Implementation Team and has worked with AASHTO, NCHRP, and State Agencies on implementing Mechanistic Empirical Pavement Design procedures. Chris has earned both a bachelor's and master's degree from Auburn University. www.fhwa.dot.gov/resourcecenter/

Steve Wagner is the Communications Coordinator for the National Center for Freight and Infrastructure Research and Education (CFIRE) at the University of Wisconsin-Madison. He oversees the center's web presence, external marketing, print publications and document preparation, proofing, and editing. Before joining CFIRE, he was an editor for NIATx, a process improvement collaborative, and a web developer at the Babcock Institute, both at the University of Wisconsin-Madison. He has also worked as a technical editor and web developer in both the telecommunications and software development industries. Wagner holds a B.A. in English and classics from the University of Wisconsin-Madison and an M.A. in English from the University of Virginia. www.wistrans.org/cfire/

Daniel Yeh has served as Chief of the Research and Communication Services Section for the Wisconsin DOT since 2008. He has been with the agency since 1991 in the Bureau of Planning, the Office of Public Affairs and the Office of Policy, Budget & Finance. He has worked directly on several high-profile projects and initiatives in the department, including the Marquette Interchange, the I-94 North-South Corridor project, the Milwaukee Intermodal Station project and the department's Disadvantaged Business Enterprise and Minority Business Enterprise programs. He has also been the primary author for the department's three most recent strategic plans. Daniel held prior positions in information technology with Carthage College in Kenosha, Wisconsin, and as a purchasing agent with In-Sink-Erator of Racine, Wisconsin. He holds a B.A. in economics from Carthage College. www.dot.wisconsin.gov

Conference Floor Plan

Hyatt Regency Hotel
 2345 McGee Street
 Kansas City, MO 64108
 (816) 421-1234



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Notes



*Annual Meeting 2010 AASHTO RAC/TRB State Representatives
July 26-29, Kansas City, Missouri*