Meet the Moderators

John Lynch has 15 years of experience in various positions at Iroquois Paving Corporation in Watseka, Illinois, including working on a paving crew, working in the Quality Control Lab, and quality estimation. He is the company’s current Vice President. He is also a Past President and current Board Member of the Illinois Asphalt Paving Association (IAPA).

Jeff Kern graduated from UIUC in 1998 with an M.S. in Civil Engineering and was one of the original students conducting research at ATRELL. He returned to UIUC in 2006 as a Research Engineer for ICT and then became the Quality Control (QC) Manager for Open Road Paving in 2011. Jeff continues to work as a partner with IDOT, the Illinois Tollway, and the HMA industry. He currently sits as the Vice-Chair of the QC Managers Group for IAPA and contributes as a member of the Technical Review Panel on various research projects.

Kevin Burke is the Executive Vice-President for IAPA. In this role, Kevin promotes the improvement and advancement of quality asphalt pavement construction in Illinois; provides assistance to members in the areas of research, technical specifications, environmental issues, education, promotion, government relations, and other related areas; and educates on asphalt pavement’s characteristics and benefits. Prior to IAPA, Kevin spent 20 years with IDOT in the Bureau of Materials & Research and the Bureau of Local Roads & Streets. Kevin graduated from Washington University in St. Louis and is a registered Professional Engineer in Illinois.

George Houston is a licensed Professional Engineer in Illinois and a 1989 graduate of UIUC with a B.S. in Civil Engineering. He has worked for IDOT for 29 years and is the Materials Engineer/Bureau Chief of Materials for IDOT in District One, directing and coordinating the District’s construction materials inspection program, testing material certification activities, and geotechnical and foundation analysis and investigations.

Dan Gallagher began his career at Gallagher Asphalt Corporation as a plant supervisor in 1987 and is currently the company’s Vice President and Chief Operating Officer. He graduated from Purdue University with a degree in Mechanical Engineering Technology. Dan is actively involved in the industry and serves on the IAPA Board of Directors and is the past chairman for NAPA.

Jon-Paul Kohler has been with FHWA for more than 30 years and has served as the Illinois Division’s Planning & Program Development Manager since 2009. In this position, he oversees a 10-member staff that develops the following federal-aid programs including Asset Management and Transportation Performance Management, Pavement and Materials, Highway Safety, Mobility. Jon-Paul received his B.S. in Civil Engineering in 1987 from the Missouri University of Science & Technology.

Brian Pfeifer was appointed as Bureau Chief of the Central Bureau of Materials at IDOT in April of 2016. He is a 1994 graduate of UIUC, with a B.S. in Civil Engineering, and is a licensed Professional Engineer in Illinois. During his 23-year career, he has worked for IDOT and also for FHWA.
Problem at a Glance

MORNING SESSION I
Location: Illinois Ballroom
Session Moderator: John Lynch and Jeff Kerm
9:15 AM – 9:45 AM  IL Perpetual Pavements: Design, Construction, Performance
Marshall Thompson, University of Illinois at Urbana-Champaign
Richard Willis, National Asphalt Pavement Association
10:15 AM – 10:45 AM  BREAK
EXHIBITS OPEN

AFTEERNOON SESSION
Location: Illinois Ballroom
Session Moderator: Jon-Paul Kohler and Brian Pfeifer
1:00 PM – 1:30 PM  Paver Segregation
Tim Aschenbrenner, Federal Highway Administration
1:30 PM – 2:00 PM  SMA Innovations at the Illinois Tollway
Cindy Williams, Illinois Tollway
2:00 PM – 2:30 PM  MoRROAD Research Advancements through National Partnerships
Ben Worel, Minnesota Department of Transportation
2:30 PM – 3:00 PM  Development of Aging Protocol for I-FIT
Hasan Ozer, University of Illinois at Urbana-Champaign
3:00 PM – 3:30 PM  The Future of Pavement Preservation in Illinois
LaDonna Rowden, Illinois Department of Transportation
3:30 PM – 4:00 PM  Full Lane Sealant
Kathy Morie, Illinois Department of Transportation

Meet the Speakers

Brian Diefenderfer is an Associate Principal Research Scientist at the Virginia Transportation Research Council in Charlottesville, where he has worked for the past 14 years. His research focuses on providing better tools for the Virginia Department of Transportation to use when designing and rehabilitating its pavement network. Brian received his B.S., M.S., and Ph.D. in Civil Engineering from Virginia Tech and is a licensed Professional Engineer in the Commonwealth of Virginia.

Jim Trepagnier is the Engineer of Hot-Mix Asphalt (HAM), Aggregate and Chemical Tests at the Central Bureau of Materials at IDOT. He is a 1991 graduate of Michigan Technological University with a B.S. in Civil Engineering and a licensed Professional Engineer in Illinois.

Tim Aschenbrenner joined FHWA in 2012 and currently works on the Pavement Material Team. Previously he was with the Colorado Department of Transportation for 22 years. He has an M.S. in Civil Engineering from the University of Texas at Austin and a B.S. in Civil Engineering from Marquette University. He is registered as a Professional Engineer in Colorado.

Cindy Williams joined the Illinois Tollway in March of this year as Deputy Chief of Program Implementation. She graduated from the University of Wisconsin-Madison with a degree in Construction Administration and brings with her 20 years of experience in construction and materials management with the Chicago Department of Transportation. She joins the Tollway near the middle of its 15-year, $14 billion “Move Illinois” capital program.

Ben Worel is a licensed Professional Engineer in Minnesota, where he has spent 22 years as an Operations Engineer for the Minnesota Department of Transportation. He previously worked as a Minnesota-based consultant for Braun Intersect, where he worked on the Complete Minnesota Performance Project. He is a University of Minnesota graduate.

Hasan Ozer earned his B.S. in 1999 from the Middle East Technical University in Turkey, his M.S. in 2003 from Northwestern University in the area of Geotechnical Engineering, and his Ph.D. in 2011 from UIC. His research and teaching are focused on pavements and asphalt materials.

LaDonna Rowden graduated from the South Dakota School of Mines and Technology in 1992 with a B.S. in Civil Engineering and went to work for IDOT in the Research Section of the Bureau of Materials & Physical Research. LaDonna has spent 26 years with IDOT in various research positions working with pavement analysis, performance monitoring, and policy development. She is a licensed Professional Engineer in Illinois and currently serves as the Bureau Chief of Research.

Kathy Morie is Chief Chemist for IDOT’s Central Bureau of Materials. Prior to that, she worked as the Analytical Chemistry Lab Supervisor in the Analytical Chemistry Laboratory at IDOT’s Bureau of Materials & Physical Research. Kathy received her B.A. in Chemistry from Illinois Wesleyan University.

Imad Al-Qadi is the Bliss Professor of Engineering and Director of the Advanced Transportation Research and Engineering Laboratory (ATREL) as well as the Illinois Center for Transportation (ICT) and the Smart Transportation Infrastructure Initiative at the University of Illinois at Urbana-Champaign (UIUC). A registered Professional Engineer and American Society of Civil Engineers (ASCE) Distinguished Member, Imad’s research resulted in the development of new tests, testing specifications, advanced modeling, and simulation of pavement loading and crack development.

Randall Blankenhorn, Illinois Secretary of Transportation, leads an agency of 10 offices at the Illinois Department of Transportation (IDOT) that serve the state’s transportation needs across rural, suburban, and urban environments. At IDOT, Blankenhorn oversees a multi-billion dollar budget that supports a workforce of 5,000 employees. Prior to his appointment, Blankenhorn was the Executive Director of the Chicago Metropolitan Agency for Planning.

Glenn Fullerston began his career with the Federal Highway Administration (FHWA) in 1985 after graduating from the University of Kentucky with a B.S. in Civil Engineering. Since 2001 he has served as the Assistant Division Administrator for the Illinois Division, where he provides leadership and direction in successfully delivering a comprehensive highway program in excess of $1.5 billion annually. He holds an M.S. in Civil Engineering from George Washington University.

Andrea Leois is the Director of the Laboratory of Pavement Engineering at the National Technical University of Athens. He is a founding member of the Academy of Pavement Science and Engineering and was the chair of the Bearing Capacity of Roads, Railways and Airfields Conference in 2017. He is also co-chair of the International Airfield and Highway Pavements Conference of the Transportation & Development Institute of the ASCE in July 2019.

Marshall Thompson retired in 1996 from the Department of Civil and Environmental Engineering at UIUC, but remains active in research, academic activities, and consulting. His major fields of research are flexible pavement analysis, design and construction, paving materials, subgrade behavior, and environmental testing, material stability, and pavement rehabilitation (RUBBLIZATION).

Richard Willis is the Director of Pavement Engineering & Innovation for the National Asphalt Pavement Association (NAPA), where he assists the asphalt industry with issues related to recycled materials including Reclaimed Asphalt Pavement, Recycled Asphalt Shingles, and Recycled Tire Rubber in asphalt mixtures. pavement vehicle interaction, pavement design, and environmental product declarations.

Kelly Morse is Chief Chemist for IDOT’s Central Bureau of Materials. Prior to that, she worked as the Analytical Chemistry Lab Supervisor in the Analytical Chemistry Laboratory at IDOT’s Bureau of Materials & Physical Research. Kelly received her B.A. in Chemistry from Illinois Wesleyan University.