# PROGRAM

**TUESDAY, DECEMBER 6**

**Location:** Chancellor Ballroom and Heritage Hall

**2:30 - 5:00 PM**


Tim Murphy, Murphy Pavement Technology, Inc, Todd Martell, Caterpillar, Terry Sullivan, Gallagher Asphalt, and Pat Koester, Howell Paving

**5:30 - 7:30 PM**

**Reception**

**WEDNESDAY, DECEMBER 7**

**Location:** Heritage Hall

**8:05 – 8:15 AM**

**Welcoming Remarks**

Imad L. Al-Qadi, Conference Chair, Illinois Center for Transportation/University of Illinois Urbana-Champaign

**8:15 – 8:35 AM**

**IDOT Update**

Omar Gamez, Secretary, Illinois Department of Transportation

**8:35 – 8:55 AM**

**FHWA Update**

David Snyder, Division Administrator, Federal Highway Administration

**8:55 – 9:30 AM**

**Mending Our Ways: South African Experience**

Wynand Steyn, University of Pretoria

**9:30 – 10:00 AM**

**BREAK**

**10:00 – 10:30 AM**

**Illinois Certification and Research Track Capabilities**

John Senger, IDOT

**10:30 – 11:00 AM**

**Preservation: National Trends**

Bouzid Choubane, National Preservation Center

**11:00 – 11:30 AM**

**Local Aggregate and Stone-Matrix Asphalt**

Javier J. Garcia Mainieri, ICT/UIUC

**11:30 – 11:50 AM**

**AWARDS**

**11:50 – 1:00 PM**

**LUNCH**

**1:00 – 1:30 PM**

**Cold In-Place Recycling and Cold Central Plant Recycling Performance**

Stephen Cross, Oklahoma State University

**1:30 – 2:00 PM**

**Performance of Illinois Mixes with Respect to Hamburg Wheel Track Rutting and Flexibility Index Cracking Resistance**

Jose Movera-Perez, WSP USA

**2:00 – 2:30 PM**

**BREAK**

**2:30 – 3:00 PM**

**Ground-Penetrating Radar Implementation for Thickness, Density, and Moisture Prediction**

Imad L. Al-Qadi, ICT/UIUC

**3:00 – 3:30 PM**

**IDOT’s Pavement Evaluation Process**

Greg Heckel, IDOT

**3:30 – 4:00 PM**

**IDOT Tech Briefs**

Jim Trepanier, IDOT

**EXHIBITORS**

- Illinois Center for Transportation
- ICT/UIUC
- A Transport
- Illinois Center for Transportation
- The Drive Forward Podcast
- bituminous@illinois.edu
- https://ict.illinois.edu/outreach/bituminous
Speakers:

Tim Murphy
President of Murphy Pavement Technology, Inc. He oversees the hot-mix asphalt plants and is in his 30th season in the asphalt industry.

Todd Manuell
Civil engineer who delivers paving and compaction training and consulting for Caterpillar customers worldwide. He has worked over 30 years in the asphalt paving industry and is always trying new and innovative paving equipment, technologies and paving practices. Manuell is an active member in several national and international paving industry associations, committees and task groups.

Todd Sullivan
Senior Project Superintendent at Gallagher Asphalt Corporation. He is responsible for the development, monitoring and supervision of the company’s projects. Sullivan’s current focus is increasing safety measures in the pre-construction stage to final completion. He recently completed his 10th season working for Gallagher.

Pat Kosor is the Vice President of Production for Powell Paving, where he oversees the hot-mix asphalt plants and quality control departments. Prior to that, he spent 10 years working in construction and materials for IDOT District 7. He has spent over 40 years in the construction industry and received an associate degree from Lake Land College in civil engineering technology.


SPEAKERS

IDOT Update
Dennis Davisman is the Secretary of IDOT. His role reflects three decades of engineering and management experience. His vast experience in transportation includes advanced complex projects and assessing resources to inform technology and programmatic needs to create a multimodal system that supports economic development and travel for Illinois residents. The Sudan native studied civil engineering at Southern University and A.M. College before earning a master’s at Bradley University.

FHWA Update
David Snyder is Federal Highway Administration’s Illinois Division Administrator. He leads a staff of transportation professionals responsible for delivering Illinois $22 billion federal-aid highway program. Snyder previously served as Illinois Deputy Division Administrator and held a variety of positions in the Ohio and North Carolina Divisions. Dave holds a bachelor’s in civil engineering from Penn State University and is a licensed Professional Engineer in North Carolina.

Mending Our Ways: South African Experience
Wynand Steyn is a professor, head of the Department of Civil Engineering, and Dean for the Faculty of Engineering, Built Environment and Information Technology at the University of Pretoria. He also serves as an adjunct professor at Chang’an University and Shandong Jianzhu University. He earned his undergraduate and graduate degrees at the University of Pretoria. He is a professionally registered pavement engineer with research interests in vehicle-pavement interaction, accelerated pavement testing, pavement engineering and materials, and Civiltronics and instrumentation.

Illinois Certification and Research Track Capabilities
John Senger is an Engineer of Pavement Technology at IDOT. Before joining the transportation agency’s ranks, Senger was a consulting engineer, working on a wide range of projects. He earned his bachelor’s in civil engineering from Bradley University.

Preservation: National Trends
Shahid Chawbane is Director of the National Center of Pavement Preservation at Michigan State University. Prior to being appointed Director of NCPP, he worked at the Florida Department of Transportation for more than 25 years. He received his PhD from the University of Pennsylvania, and doctorate from the University of Florida — all in civil engineering.

Performance of Illinois Mixes with Respect to Hamburg Wheel Track Rutting and Flexibility Index Cracking Resistance
José Rivera-Perez is a civil engineer at WSP USA, where he works as a civil engineer consultant out of the Illinois Tollway. Rivera-Perez earned his bachelor’s from the University of Puerto Rico and his master’s and doctorate from the University of Illinois Urbana-Champaign — all in civil engineering.

CIR & CCPR Performance
Stephen Cross serves as Technical Director for Illinois Asphalt Recycling & Reclamation Association. He is a point of contact for technical information on each of IARA’s core disciplines: cold planing, hot-in-place recycling, cold recycling and depth-full rehabilitation. He is a co-author of IARA’s Basic Asphalt Recycling Manual and Emeritus Professor at Oklahoma State University.

Local Aggregate and SMA
Javier Garcia-Mairieri is an Associate Professor at the University of Illinois. His research focuses on optimizing stone-matrix asphalt by using local aggregates. He has contributed to IDOT’s softer-modified asphalt testing protocols. Before joining UIUC, Javier was an infrastructure inspection engineer in Costa Rica.

IDOT’s Pavement Evaluation Process
Greg Heckel is IDOT’s District 6 Materials Engineer, a position he has held since 1987. He received a bachelor’s degree in civil engineering from UIUC in 1983 and joined IDOT’s Bureau of Materials and Physical Research in 1984.

IDOT Tech Briefs
Jim Tregaran is the Engineer of HMA, Aggregate and Chemical Tests at IDOT’s Central Laboratory at IDOT’s Bureau of Materials. He is a licensed Professional Engineer and holds a bachelor’s in civil engineering from Michigan Technological University.

LaDonna Bowden serves as IDOT’s Bureau Chief of Research and is a Research Professional Engineer in Illinois. Here she has spent 30 years in various research positions working with pavement analysis, performance monitoring and policy development. Bowden earned a bachelor’s in civil engineering from the South Dakota School of Mines and Technology.

Kevin Burke is the Executive Vice President of the Illinois Asphalt Paving Association. He is also a registered Professional Engineer in Illinois. Prior to joining IAPA, Burke spent 20 years serving Illinois Department of Transportation in the Materials and Physical Research and Local Roads and Streets Bureau. He earned his bachelor’s from Washington University in St. Louis.

Kelly Moran is a Chief Chemist at Illinois Tollway’s Central Materials Laboratory. Prior to that, she worked as a Research and Chemistry Lab Supervisor at the Analytical Chemistry Laboratory at IDOT’s Bureau of Materials and Physical Research. Moran received her bachelor’s in chemistry from Illinois Wesleyan University.

John Lynch is the Vice President of Innoqua Paving Corporation in Waukegan, Illinois. For the last 35 years, he has held various roles here, including working on the paving crew and in the Quality Control Lab as well as qualifying examination. He also serves on IAPA’s Board of Directors and previously held the post of president.

LaDonna Bowden
Speakers:

The 64th Illinois Bituminous Paving Conference is scheduled for December 6th-7th, 2022 at the I Hotel and Conference Center in Champaign, IL.

Mentoring Our Ways: South African Experience
Wynand Steyn
Speakers:

Conference:


Terry Sullivan
Senior Project Superintendent at Gallagher Asphalt Corporation. He is responsible for the development, monitoring and supervision of the company’s Project Superintendents.

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