



Theme: Innovation in Transportation

Conference Program

<p>TUESDAY, JANUARY 2, 2024</p> <p>2:00 p.m. Vendor Setup – Exhibit Hall (Cancun Room)</p> <p>6:30 p.m. Speakers’ Dinner – <i>by invitation only</i> (Kokopelli Ballroom)</p>
<p>WEDNESDAY, JANUARY 3, 2024</p> <p>7:00 a.m. Registration – Conference Center Foyer</p>
<p>OPENING GENERAL SESSION (Yucatan & Taos Rooms)</p> <p>Presiding – Rafi Tarefder, UNM</p> <p>8:00 University’s Welcome – Donna Riley, Dean, School of Engineering, UNM</p> <p>8:10 FHWA’s Welcome – Marilyn Ochoa, New Mexico Field Operations Supervisor, FHWA</p> <p>8:15 State Transportation Update – Ricky Serna, Cabinet Secretary, NMDOT</p> <p>8:30 NM Legislature Update – Rep. Dayan Hochman-Vigil, Chair, House Transportation Committee</p> <p>8:50 Local Perspective – Tim Keller, Mayor, City of Albuquerque</p> <p>9:20 Keynote Address – Dale Dekker, Principal, Dekker Perich Sabatini</p>
<p>BREAK</p> <p>10:00 - 10:30 Refreshments – Exhibit Hall (Cancun Room)</p>

GENERAL SESSION 1 (Yucatan & Taos Rooms) <i>Innovations: A Way to Impact Local Economy</i> Presiding – Shawn Hammer, Fisher Industries 10:30 Transportation Economy – Ken Simonson, AGC America 11:00 Automation and Vehicle Safety – Mitch Cowart, Caterpillar 11:30 Modernizing the Industry: An AI Overview for AEC – Rachelle Ray, RMR Consulting	
WEDNESDAY LUNCHEON 12:15 - 1:30 Lunch – Exhibit Hall (Atrium & Kokopelli)	
CONCURRENT SESSION 2A (Yucatan Room) <i>Transportation Safety Programs</i> Presiding – Thaddeus Yazzie, Horrocks 1:30 EDC 7 Nighttime Visibility for Safety – Tori Brinkly, FHWA 2:00 Collaborating with BNSF to Enhance Rail Crossing Safety with Federal Funding – Charla Glendening, Wilson & Co. and Rafer Nichols, BNSF 2:30 Rural Interstate Capacity, Operations and Safety – Charles Allen, Parametrix	CONCURRENT SESSION 2B (Taos Room) <i>Innovation in Asphalt Binders for Tackling Climatic Extremes</i> Presiding – Terrill Wade, HF Sinclair 1:30 Poker Chip Ductility as a Cracking Indicator for Asphalt Binders – Ramez Hajj, University of Illinois at Urbana-Champaign 2:00 Long-term Aging Impacts on Asphalt Materials' Performance in the Southwest Climate – Hasan Ozer, Arizona State University 2:30 Age Resistant Binder Technologies – Travis Walbeck, NCAT
BREAK 3:00 - 3:30 Refreshments – Exhibit Hall (Cancun Room)	
CONCURRENT SESSION 3A (Yucatan Room) <i>Maintenance and Operations</i> Presiding – Zach Troncoso, Parametrix 3:30 Enhanced Rest In Red for Traffic Calming – Tim Brown, City of Albuquerque and Jonathan Pham, Lee Engineering 4:00 ADOT I-17 FLEX Lanes GEC Program Management and CE&I Construction Management of a Design/Build/Operate/Maintain by JV Contractor – Lorena Piedrahita and James Hartman, HDR 4:30 CABQ Complete Streets Maintenance Program – Andrew Sutliff, WSP and Bridgette Garrett, City of Albuquerque	CONCURRENT SESSION 3B (Taos Room) <i>Engineered Pavement Materials</i> Presiding – Kelly Montoya, NMDOT 3:30 Engineered Crumb Rubber and Lower Cost, Sustainable Asphalt Pavement – Redmond Clark, Asphalt Plus 4:00 Open Graded Friction Course Design – Amanul Hasan, UNM 4:30 Value Engineering Resilient Roads for a Sustainable Future – Bob Sherwin, Lithified Technologies
5:00 ITE SOCIAL The Institute of Transportation Engineers New Mexico Section welcomes members and guests to this evening social event supporting the Jerome W. Hall Ph.D. P.E. Memorial Scholarship. (Gallery)	

THURSDAY, JANUARY 4, 2024

7:00 a.m. Breakfast – Exhibit Hall (Cancun Room)

CONCURRENT SESSION 4A (Yucatan Room)*Public Transit Innovations to Solve Transportation Challenges*

Presiding – Larry Velasquez, Los Alamos National Lab and Lisa Losada-Rojas, UNM

- 8:30 Uptown Connect: ABQ Uptown Transit Center Joint Development – Carrie Barkhurst, ABQ RIDE
- 8:45 Solving Organizational Growth Challenges with Transit Solutions – Jay Faught and Michelle Bustos, LANL
- 9:00 Moving Transportation Forward in New Mexico – Melissa Drake, NM Transit Association
- 9:15 Balloon Fiesta Bike Valet: Enabling 1,400 Visitors to Avoid Gridlock – Frank Bouchier, Balloon Fiesta Bike Valet
- 9:30 Statewide Public Transportation Plan Update – Kevin Olinger, NMDOT

CONCURRENT SESSION 4B (Taos Room)*Pavements and Mixes of the Future*

Presiding – Mike O'Leary, Ingevity

- 8:30 Full Depth Hi-mod Mixes – Dave Johnson, Asphalt Institute
- 9:00 Colorado DOT Implementation of Construction Materials Environmental Product Declarations (EPDs) – Bill Schiebel, RockSol Consulting
- 9:30 Pavement of the Future – Everett Crews, Ingevity

BREAK

10:00 - 10:30 Refreshments – Exhibit Hall (Cancun Room)

CONCURRENT SESSION 5A (Yucatan Room)*Panel Discussion: Transportation Safety in New Mexico*

Presiding – Nick Ferenchak, UNM

- 10:30 NM Vulnerable Road User Safety Assessment – Jason Coffey, NMDOT
- 10:45 Regional Transportation Safety Action Plan – Willy Simon, MRCOG
- 11:00 Vision Zero and Automated Speed Enforcement – Val Hermanson, City of Albuquerque
- 11:15 Road Safety from a Private Perspective – Aaron Sussman, Toole Design Group
- 11:30 Panel Q&A

CONCURRENT SESSION 5B (Taos Room)*Southern Plain Transportation Center Projects: Innovation as a Driver of Success*

Presiding – Andrew Cuaderes, Western Tech. Inc.

- 10:30 Human-Bridge Interfaces using Augmented Reality – Fernando Moreu, UNM
- 11:00 Developing 3D Printable Self-Reinforced Materials for Transportation Infrastructures – Muhammad Zafar, UNM
- 11:30 Novel Tools for Rapid Assessment of Pavement Conditions – Sagar Ghos, University of Oklahoma

THURSDAY LUNCHEON

12:15 - 1:30 Lunch on Your Own

<p>CONCURRENT SESSION 6A (Yucatan Room)</p> <p><i>Bridge Projects</i></p> <p>Presiding – Sara Lavy, Parametrix</p> <p>1:30 Sunport Blvd. Extension – Rodrigo Eichwald, Bernalillo County and Logan Brandenburg, Bohannon Huston, Inc.</p> <p>2:00 Owl Springs Way Bridge Replacement Project, Enhancing Traditional Tribal Community Cohesion – Joe Sanchez, NV5 and Sheri Bozic, Jemez Pueblo</p> <p>2:30 Valley Metro (AZ) Northwest Light Rail Phase II Extension, Bridge over I-17 – David Johnson and William Rodriguez, Jacobs</p>	<p>CONCURRENT SESSION 6B (Taos Room)</p> <p><i>Improved Pavement Design and Management</i></p> <p>Presiding – Jeff Mann, WSP</p> <p>1:30 Sustainable Pavement Design Using Geosynthetics – Bryan Gee, Tensar</p> <p>2:00 Effects of ASR and Confinement on Concrete Damage – Madura Pathirage, UNM</p> <p>2:30 Rethinking Pavement Management in Albuquerque – Kayma Williamson, Roadway Asset Services</p>
<p>BREAK</p> <p>3:00 - 3:30 Refreshments – Exhibit Hall (Cancun/Tampico/Cozumel/Coronado Room)</p>	
<p>GENERAL SESSION 7 (Yucatan Room)</p> <p><i>Engineering Ethics</i></p> <p>Presiding – Parveez Anwar, Western Technologies Inc.</p> <p>3:30 - 4:30 Brian Legan, ACNM</p>	
<p>Professional Development Hours (PDHs) may be claimed for attending the Paving and Transportation Conference. Each hour of participation earns one (1) PDH; attendees must maintain their own record of attendance.</p>	



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