



2025 Midwest Geotechnical Conference

September 23-25, 2025

Sheraton City Centre Hotel, Indianapolis, Indiana



CONFERENCE AGENDA

Monday, September 22, 2025

Welcome Icebreaker - Sheraton Indianapolis City Centre Hotel

6:00 -8:00 pm: Alexander's Bar & Grill (**Sheraton Hotel**)

Tuesday, September 23, 2025

Sheraton Indianapolis City Centre Hotel – Panorama Ballroom

7:00 - 8:00 am: **Registration, Continental Breakfast** (Panorama B)

Morning Session – Moderator (Mark Bailey)

8:00 - 8:15: Welcome & Opening Remarks (INDOT Deputy Commissioner)

8:15 – 8:30: Introductions & House keeping

8:30 - 9:20: I-69 ORX Foundation Design with Seismic Consideration (Scott Roosa - SME & Daniel Corbin - INDOT Project Management)

9:20 - 10:10: How Low Can You Go: Various Materials Used by MDOT to Reduce Lateral Earth Loading Pressures (Ryan Snook – Michigan DOT)

10:10 - 10:25: **Break**

10:25 - 12:00: Considerations for Foundation Testing: Making the Most of Load Test Programs (Ryan Allin & Travis Coleman from PDI)

12:00 - 1:00 pm: **Lunch** (Panorama B)

Afternoon Session – Moderator (Chris Merklin)

1:00 - 1:50: Foundation Reuse: State of Practice and INDOT Research to Advance It (Andy Boeckmann – Dan Brown and Associates)

1:50 - 3:15: Geophysics and Unknown foundations (Larry Olson – Olson Engineering)

3:15 - 3:30: **Break**

3:15 - 4:10: Minnesota Bridge 72016 TH 93 over the Rush River Drilled Shaft Design and Construction (Joe Nietfeld – MnDOT)

4:10 - 5:00: Changes and Opportunities for the FHWA Geotechnical Program (Silas Nichols – FHWA)



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Wednesday, September 24, 2025

Sheraton Indianapolis City Centre Hotel – Panorama Ballroom

7:00 - 8:00 am: **Continental Breakfast** (Panorama B)

Morning Session – Moderator (Silas Nichols)

8:00 - 8:40: Nebraska Updates (Nikolas Glennie – Nebraska DOT)

8:40 - 9:30: Subgrade Stability Challenges with Rubblize and Roll Pavement Rehabilitation (Chris Merklin - Ohio DOT)

9:30 - 10:10: Celebrating a Century of Pavement Foundations: Geotechnical Contributions to Roadway Excellence (Nayyar Siddiki & Kumar Dave-INDOT)

10:10 -10:25: **Break**

10:25 -11:05: Current Geotechnical Research Activities to Support Project Delivery and Asset Management (Ceren Aydin and Raul Velasquez – MnDOT)

11:05 -11:45: Drilling SPT Energy Measurement Practices in Illinois (Heather Shoup – Illinois DOT)

11:45 -12:45 pm: **Lunch** (Panorama B)

Afternoon Session – Moderator (David Staab)

12:45 -1:25: Emergency Project: Slope Failure – STH 136 Along Baraboo River, Rock Springs, WI (Paulo Florio - WisDOT)

1:25 - 2:05: The Good, The Bad, The Ugly (Lydia Brownell & Zachary Troesser -MoDOT)

2:05 - 2:45: Case History: SR 156 Landslides in Switzerland and Ohio Counties in Indiana (Joey Franzino – INDOT)

2:45 - 3:00: **Break**

3:00 - 4:30: **State Roundtable Discussion:**

Topics - Geotechnical Data Management update, gINT Transition, E-Piling and data Security issues, Damage due to pile driving operation, Scour issues with Bridge foundations.



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Wednesday Evening – Banquet and Entertainment (Panorama Ballroom)

5:30 - 6:30 pm: Cocktail Hour (Cash Bar)

6:30 - 7:30 pm: Dinner

7:30 - 8:30 pm: After dinner Presentation (Keith Gibson Chief Meteorologist - WISH TV)

Thursday, September 25, 2025

Sheraton Indianapolis City Centre Hotel – Panorama Ballroom

8:00-9:00 am: **Steering Committee Meeting** (Panorama A) - One representative per State DOT Plus FHWA

8:00 - 9:00 am: **Continental Breakfast** (Panorama B)

Morning Session – Moderator (Heather Shoup)

9:00 - 9:40: Using Geotechnical Numerical Tools to Support Typical Muck Excavation (Ceren Aydin & Raul Velasquez– MnDOT)

9:40 - 10:20: INDOT Transition to OpenGround (Amanul Hasan & Kamran Ghani -INDOT)

10:20 -10:40: **Break**

10:40 -11:20: Research & NHI Course Updates (Silas Nichols – FHWA)

11:20 -11:30: Closing Remarks (Athar Khan)