















CEPDS Agenda *DRAFT* – Version 11/2 (Page 1 of 2)

 = Recommended for students by ASCE Younger Members

	Transportation I	Transportation II	Bridge	Water Resources	Environmental
8:30 – 9:20	Opening Session - Darcy Bullock, Purdue University – Physical Artificial Intelligence at Purdue University & The Role of the Civil Engineer				
9:30 – 10:20	Transportation Management Plan (TMP) & Incident Management Doug Homan, HNTB Mischa Kachler, INDOT Kathy Borgmann, INDOT	Ground Improvement using Rigid Inclusions US 31 over NSRR and CR 100S Mike Wigger, Terracon Chris Dyer, United Consulting	Sherman Minton Bridge Project Case Study Daniel Corbin, INDOT Mary Jo Hamman, Michael Baker International, Inc.	Delphi Water System Improvements  Matthew Spidel, BF&S	Understanding and Implementing Noise Analysis Ron Bales, INDOT Nicole Fohey-Breting, INDOT Rich Connolly, HNTB
10:30 – 11:20	Roundabouts for Rural Communities  Heather Kilgour, United Consulting Andy Allison, United Consulting	I-465 Clear Path Case Study  Kurtis Plohr, Parsons Brian Shattuck, INDOT	INDOT's Bridge Design Toolbox Stephanie Wagner, INDOT	White River Report Card / RAFT  Haley Cowart, White River Alliance	US Fish and Wildlife Information for Planning and Consultation (IPaC) Sandy Bowman, INDOT Mike Oliphant, United Consulting Aaron Toombs, United Consulting Jason Damm, Metric Environmental
11:30 – 12:50	Lunch Keynote - Danny Corbin, INDOT & Mindy Peterson, Parsons - 3 Contracts, 2 States, 1 Bridge: An Update on ORX ASCE OPAL Awards & ASCE Installation of Section Officers				
1:00 – 1:50	Roundabout Design Challenges and Unique Solutions  Nick Murphy, American Structurepoint Jordan Bosse, American Structurepoint	Project Scheduling  Jeromy Richardson, United Consulting Jennifer Beck, INDOT	US 136 over Wabash River: Load Rating, Refined Capacity Analysis, and Special Inspection of an Existing Segmental Post-Tensioned Bridge Amy Huebschman, EMCS Inc. Drew Bishop, WJE	We Can't Afford That! Pond Design & Maintenance  Taylor Eash, HWC Brian Neilson, HWC	Update on the Supreme Court Ruling and its Impact to Waters of the US Deb Snyder, USACE Graham Wrin, IDEM
2:00 – 2:50	Electric Vehicles for Engineers  George Watson, WSP	146th Street and Allisonville Road Interchange  Jim Neal, Hamilton County Highway Department Caleb Ross, United Consulting	INDOT and Digital Delivery Mark Bailey, INDOT	Alternative Stormwater Management 101  Taylor Eash, HWC Brian Neilson, HWC	ProPEL Updates (ProPEL US 30/31 and ProPEL Indy)  Laura Hilden, INDOT Adin McCann, Advisor PM ProPEL 30/31 Tim Miller, ProPEL Indy OM
3:00 – 3:50	Complete Streets on a Local Arterial Roadway Nick Murphy, American Structurepoint Nick Correll, City of Indianapolis	Federal Grants and Safe Streets for All Eryn Fletcher, USDOT Andrew Rodewald, City of Noblesville	Helping the Next Generation of Bridges Reach Their Potential: The Benefits of Durability Design Kyle Stanish, Tourney Consulting	Lebanon Utilities Abner Longley Water Storage Facility John Lightner, BF&S	The Section 106 Process and Schedule Implications Mike Oliphant, United Consulting Aaron Toombs, United Consulting Candy Hudziak, Metric Environmental Shannon Zuercher, Metric Environmental



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	Multi-Discipline I	Multi-Discipline II	Vertical Structures	Management	Students <i>NEW</i>
8:30 – 9:20	Opening Session - Darcy Bullock, Purdue University – Physical Artificial Intelligence at Purdue University & The Role of the Civil Engineer				
9:30 – 10:20	INDOT Hydraulics Replacement-in-Kind and Other Policy Changes <i>Bill Schmidt, INDOT</i> <i>Alex Schwinghamer, INDOT</i>		Corrosion Science: Basics, Background & Key Players Throughout History <i>Nick Drews, Vector Corrosion Technologies</i>	Artificial Intelligence in Engineering and Business <i>Kristin Kautz, JAM Idea Agency</i> The Management Track ends at 4:50 Module 1 <i>AI 101</i> Module 2 <i>Data Privacy, Security, and Ownership Applications</i>	Civil Engineering Q&A Panel for ASCE Students and Younger Members 🚀 <i>Wyatt Huber, Jessica Eichhorst, Anna Moyer, Vladimir Abou Sejaan, Calvin Rizzo</i> ASCE YM
10:30 – 11:20	CMc Delivery Projects for Public Entities <i>Brad L. Bobich, Indianapolis Airport Authority</i> <i>Jarod Klaas, PE, Indianapolis Airport Authority</i>	Storytelling Your Projects and its Benefits and Impacts to the Public 🚀 <i>Cassandra Bajek, INDOT</i> <i>Cassidy Hunter, HNTB</i>	Evaluation and Testing Methods to Understand Reinforced Concrete <i>Brian Pailes, Vector Corrosion Technologies</i>		
11:30 – 12:50	Lunch Keynote - Danny Corbin, INDOT & Mindy Peterson, Parsons - 3 Contracts, 2 States, 1 Bridge: An Update on ORX ASCE OPAL Awards & ASCE Installation of Section Officers				
1:00 – 1:50	Envision Platinum <i>Todd Cavender, Indianapolis Airport Authority</i> <i>Shannon Gunn, Kimley-Horn Associates</i> <i>Alexandra Davis, C&S Companies</i>	Qualifications Based Selection for Better Projects, Better Value – ACEC Indiana <i>Kaitlyn McDaniel, INDOT</i> <i>Miles Demerly, Kimley-Horn Associates</i>	Extending the Life of Concrete Structures Through the Use of Cathodic Protection <i>Eric Williams, Vector Corrosion Technologies</i>	Module 3 <i>Innovative Tools Illuminating AI Applications</i> Module 4 <i>AI Draft Plan</i>	
2:00 – 2:50	Bringing Metrics to Public Engagement 🚀 <i>Christi Vitello, HNTB</i> <i>Daniel Curtis, HNTB</i>		Evaluation, Repair, and Protection of Post Tension Structures <i>Mike Kernan, Vector Corrosion Technologies</i>	Module 5 <i>Rethinking Firm Value and Systemic Operational Shifts</i>	
3:00 – 3:50	CMGC and Progressive Design Build <i>Jeff Clanton, INDOT</i> <i>Dave Ayala, Parsons</i> <i>Kevin Jasinski, Burgess & Niple</i>		Demonstrations <i>Vector Corrosion Technologies</i>	Module 6 <i>Industry Collaboration and Future Trends</i>	Civil Engineering Trivia, BINGO Prizes, and More! 🚀 ASCE YM