2026 IHEEP Conference
December 6-10, 2026

Tentative Agenda

Saturday, December 5	
8:00 am – 5:00 pm	**UAS Vendor Data Collection -** *Participating UAS Vendors*

Sunday, December 6	
8:00 am – 2:00 pm	**Golf Outing**
1:00 pm – 5:00 pm	**UAS Vendor Demos (Offsite)**
2:00 pm – 5:00 pm	**DOT Roundtable,** *JW 5-8*
5:00 pm – 5:30 pm	**Educator Student Program Meeting,** *JW 5-8*
7:00 pm – 9:00 pm	**Icebreaker Reception**

Monday, December 7	
7:30 am – 8:30 am	**Breakfast (Provided)**
7:30 am – 4:45 pm	**Exhibitor Hall,** *JW 5-8 (Closed during General Session)*
8:30 am – 9:00 am	**Welcome & General Announcements**
9:00 am – 9:30 am	**Keynote Speaker** *Jessica Butler, TxDOT*
9:45 am – 11:30 am	**ESP Student Presentations**
11:30 am – 12:00 pm	**Panel Presentation** *Katie Brown, ODOT* *Allen Melley, PennDOT* *Devin Porr, Caltrans* *Jacob Tambunga, IHEEP President/TxDOT* *Moderator: Adrian Martinez, TxDOT*
12:00 pm – 1:15 pm	**Lunch (Provided)**
1:15 pm – 4:30 pm	**UAS Welcome & Presentations** *Room: 402-403*

TECHNICAL SESSIONS	Digital Delivery Strategy & Transformation *Room: JW 1*	Data, Standards & Interoperability *Room: JW 2*	Digital Design & Model-Based Delivery *Room: JW 3*	Field Technology, Construction & Emerging Tech *Room: JW 4*
1:15 pm – 1:45 pm	**Advancing ODOT's BIM and Digital Delivery Roadmap** *Matt Eiben, Joe Brenner, Joey LouAllen*	**Connecting State DOT Data Dictionaries to National and International BIM Standards An AI-Assisted Semantic Crosswalk to IFC 4.3** *Abhishek Bhargava*	**Delivering Digital Without Doing It All: Accelerated Design Construction Collaboration on the I-215 Auxiliary Lane** *Nicole Williams, Josh Sletten, Brandon Knight*	**Connecting the Office to the Field: How TxDOT is Using AI, GNSS, and AR to Eliminate Subsurface Utility Conflicts in the Right-of-Way** *Dan Colbert, Pedro Oretga, Ed Shappell, Kaustubh Page*
2:15 pm – 2:45 pm	**Beyond MALD: Preparing Digital Delivery for an AI-Enabled Future** *Terry Walters*	**Embedding Sovereign Boundaries to Safely Scale AI in Highway Engineering** *Ratnakar Garikipati*	**The Anatomy of Utility Modeling: Standardizing the Variable** *Steven Litzau*	**Bridging Design and Construction: Advancing Digital Delivery Through Construction-Focused Implementation** *Ramon Hopkins, Jason Duncan, Andy Cordes, Brandon Knight, Conner Christian*
3:15 pm – 3:45 pm	**Bridging the Gap Building the Workforce for a Digital Infrastructure Future** *Alexa Mitchell, Allison Klein, Katherine Petros, Amy Sullivan, Jennifer Lash*	**BIM for Infrastructure Pooled Fund Draft Design to Construction IDM** *Thomas Hamski, Katie Brown, John Wilkerson, Jag Mallela*	**Project Specifics: Supplementing D&U Design Content** *Steven Litzau*	**Advancing Pavement Assessment and Precision Repair through Mobile Mapping and AI** *Kenneth Sutterfield*
5:00 pm – 7:00 pm	**Vendor Reception** *JW 5-8*			

Tuesday, December 8

7:30 am – 8:30 am	**Breakfast (Provided)**
7:30 am – 4:30 pm	**Exhibitor Hall,** *JW 5-8 (Closed during session)*
8:30 am – 4:30 pm	**UAS Field Day (Offsite)**

TECHNICAL SESSIONS	Digital Delivery Strategy & Transformation *Room: JW 1*	Data, Standards & Interoperability *Room: JW 2*	Digital Design & Model-Based Delivery *Room: JW 3*	Field Technology, Construction & Emerging Tech *Room: JW 4*
8:30 am – 9:00 am	**Data to Decisions: Advancing Digital Delivery and Data Governance at GDOT** *Wei Li, Sam Woods, Chase Horton, Alexis Walters*	**Connecting the Digital Thread: PennDOT's IFC based workflow from Design to As- builts** *Teresa McClain, Marcia Yockey, Kevin Martin*	**Ensuring Model Quality Roadway Modeling Practices for Downstream Construction Workflows** *Don Lee, Elaine Richard*	**TxDOT Digital Delivery Program: Construction is Where Digital Delivery Becomes Reality** *Jason Duncan, Mallory Karasek, Greg Cleveland, LeAnne Napolillo*

9:30 am – 10:00 am	**Empowering ADOT's Workforce - Foresight for Success** *Michael DenBleyker, Lee Busenbark*	**From Assistant to BIM Orchestrator: How AI and MCP Architecture Are Transforming Digital Delivery** *Edmundo Herrera*	**Defining 3D Model Viewer Functional Requirements for Agencies and Vendors Summary** *Allen Melley, Jennifer Steen*	**AI for Owner Requirements: What Is Real and What Is Next** *Michael Pearson, Terry Walters, Jr.*
9:30 am – 10:30 am	**UNECE Presentation** *Room: JW 5-8*			
10:30 am – 11:00 am	**FHWA's Digital Delivery Stakeholder Group: Aligning the Future of Digital Delivery** *Jade Rung, Mona Ketterl*	***UDOT: Advancing Data Quality Through Programmatic QA/QC and Digital Design Review*** *Charles Hill, Alexis Walters*	**Visualizations In Project Delivery at ODOT** *Jakki Carter*	**Aerial Mapping with Drones Best Practices** *Bruce Carlson, Luis Rojas*
11:30 am – 12:00 pm	**Managing Digital Delivery Technology at Enterprise Scale** *Adrian Martinez, Casey Schneider*	**Bridging the Data Gap with Technology** *Janet Treadway*	**Advancing Digital Delivery: Bridge Pilot Projects in Paris and Laredo Districts** *Courtney Holle, Sara Watts, Anthony Felderhoff*	**From MALD to AMG: Nebraska DOT Lessons Learned and a Vision for 3R Digital Delivery** *Jon Starr, Aaron Matzke, Austin White*
12:00 pm – 1:30 pm	**Lunch (Provided)**			
1:30 pm – 2:00 pm	**Advancing Digital Delivery Through Open Standards and Collaborative Data Management** *Rob Jordan, Russ Tamblyn*	**TxDOT: Establishing a Data Foundation for Digital Delivery** *Autumn Carter, Robert Allen, Darin Welch, Abigail Feikes*	**The Three Rules of AI** *Rande Robinson*	**Putting It All Together: Integrating Emerging Survey, Mapping, and Digital Delivery Technologies for Transportation Projects** *Jeff Brown, Seth Lown, Joe Priestner*
2:30 pm – 3:00 pm	**From Vision to Standards: Developing LOD, Policy, and Digital Delivery Frameworks at Scale** *Jason Moore, Andrew Poszich*	**Modernizing Survey Control with Open Standards: FDOT's First Application of IFC 4.3 for Geodetic Networks** *Brett C. Wood, Seth Bassett, Kourosh Langari*	**CADD Management & Digital Engineering** *Rande Robinson*	**Intelligent Sheets, Practical Prints: A How-To Guide for Leveraging Model-Derived Plans from Infrastructure Cloud in Hybrid Digital Delivery** *Ryan Bilger, Scott McMasters, Anand Stephen*
3:30 pm – 4:00 pm	**Using Emerging and Asset Technologies for Asset Management** *Hala Nassereddine*	**CTDOT: Building Blocks to Integrated Digital Delivery** *Elaine Richard, Matthew Calkins, Greg Sardinskas*	**From Vision to Contract: Delivering Nebraska DOT's First Model as the Legal Document Project** *Jon Starr, Kevin Martin, Austin White*	**Test, Refine, Repeat: Lessons Learned on Iowa's AID Grant Pilot Projects** *Shawn Blaesing, Ariel Froerer*
6:00 pm – 10:00 pm	**SIG Events**			

Wednesday, December 9				
7:30 am – 8:30 am	**Breakfast (Provided)**			
7:30 am – 4:30 pm	**Exhibitor Hall,** *JW 5-8 (Closed during Session)*			
8:30 am – 4:00 pm	**UAS DOT Presentations and Vendor Roadmaps** *Room: 402-403*			
TECHNICAL SESSIONS	**Digital Delivery Strategy & Transformation** *Room: JW 1*	**Data, Standards & Interoperability** *Room: JW 2*	**Digital Design & Model-Based Delivery** *Room: JW 3*	**Field Technology, Construction & Emerging Tech** *Room: JW 4*
8:30 am – 9:00 am	**NiceConnect Advancing Interoperable Infrastructure Through Data, Collaboration, and Digital Delivery** *Shannon McGrath, Amy Sullivan, Ed Shappell*	**Modernizing Data in Digital Construction** *Lanny Campbell, Drew Dragoo, Terry Cline*	**How's your project ITL doing?** *Arlene Taylor, Jennifer Mullins, Vern Danforth*	**From Plans to Data: Making Digital Deliverables Consumable in Construction and Inspection** *Andrew Poszich, Liam Shannon*
9:30 am – 10:00 am	**Digital Delivery as Enterprise Transformation: Organizational Change Management and Sustaining Momentum** *Michael Pearson, Sam Woods, Elaine Richard, Alexis Walters*	**Paving the way to implement openBIM in the Transportation Industry** *Allen Melley, Will Sharp*	**Illinois Tollway: From Model to Management—Engaging Industry to Strengthen BIM in Construction** *Michael Brink, Nicholas Smith*	**Jeremiah Morrow Bridge: New Tech Solves a Big Problem** *Jamie Davis, Bret Gardner, Abraham Lama*
9:30 am – 10:30 am	**UNECE Presentation** *Room: JW 5-8*			
10:30 am – 11:00 am	**Operational Readiness for Digital Delivery: Ohio's Phased Rollout** *Matthew Eiben, John Drsek*	**Practical Application of the BIM for Bridges and Structures Information Delivery Manual (IDM) Summary** *Grant Schmitz, Cheryl Hersh-Simmons*	**Implementing 4D Modeling for Long Linear Projects: Practical Lessons for Transportation Infrastructure Owners** *Michael Kuhns, Thomas Kinney, Andrew Pangallo*	**OpenBIM Project Delivery - a View From Construction** *Thomas Hamski, Cedric Wilkinson*
11:30 am – 12:00 pm	**Progressing Digital Delivery in Tennessee From Pilot to Statewide Program** *Levi Littler, Amy Lorrentz, Heather Scott, Heather Ogg, John Rehm*	**Silos are for Farmers: Building an Enterprise Geospatial Data Platform** *Shaun Perfect, Peter Lemack*	**Inside OHDOT's BIC Sandbox - The Technical Side of Ohio DOT's ADCMS Grant** *John Drsek, Joey LouAllen*	**Modernizing DOT Inspection Documentation: A Practical, Repeatable Reality-Capture Workflow** *Cedric Wilkinson, Jacob Mutchler-Brown*

12:00 pm – 1:30 pm	**Lunch (Provided)**			
1:30 pm – 2:00 pm	**Scaling Digital Delivery After an Accelerated Pilot** *April Sandoval, Loretta Rodriguez*	**Toward a National Roadway Electronic Navigation Chart (RENC) to Enable Automation: Key Issues and Opportunities** *Khandakar M. Rashid, Kyle Garrett, Matthew Corrigan*	**Moving Mountains in the Cloud: Collaborative Workflows for the Allegheny Mountain Realignment** *Mark Anderson, Mario Morales*	**Putting Design Data to Work in Construction: Practical CEI Workflows with Bentley Infrastructure Cloud** *Samuel Worthy, Tony Bonacorsi*
2:30 pm – 3:00 pm	**Training the Workforce for Digital Delivery** *Kyle Rosenmeyer*	**Existing Utilities from DGN to GIS: Lessons from UDOT's ExUtil Pilot** *Ariel Froerer, Chip Mason-Hill, Andy Cordes*	**WisDOT roadway models - tools, processes and workflows** *Eric Arneson, Eric Gates*	**Stop Milling by Assumption: Modernizing Mill and Fill with Data-Driven Surface Correction** *Curtiss Dorr*
3:30 pm – 4:00 pm	**MDOT's Second Digital Delivery Pilot Project** *Luke Arnold*	**CBTL: A National Digital Backbone for BIM, Open Standards, and Transportation Digital Delivery** *Mona Ketterl, Aaron Costin*	**Beyond PDF Markups Building a Closed-Loop Design Review Process at INDOT** *Nathan Goins, Andrew Pangallo*	**Automating the Path from Boring Logs to Ground Models and Quantities in Digital Delivery** *Louis Aaron*
6:00 pm – 8:00 pm	**Banquet Awards (Dinner Provided)**			
8:30 pm – 10:30 pm	**Mix and Mingle at Speakeasy**			

Thursday, December 10	
9:30 am – 4:15 pm	**UAS Standards Pooled Fund** *Room: 409*
10:00 am – 2:00 pm	**Offsite Tech Tours (Lunch Provided)**
2:45 pm – 4:15 pm	**Area Meetings:** *Area 1, JW 1* *Area 2, JW 2* *Area 3, JW 3* *Area 4, JW 4* **These group meetings are specifically for Government (State and Federal) conference participants. These meetings will provide an open forum for agencies to discuss current initiatives, lessons learned, and areas where collaboration can help advance digital delivery. Active participation and discussion are encouraged.**