

2026 FLUG TRAINING FORUM Daily Overview		
MONDAY Oct. 12	4:30pm - 6:30pm Seagrapes	Early Bird On-Site Registration Support Partner Setup
TUESDAY Oct. 13	7:00am - 8:30am Sea Oats / Seagrapes	Registration and Breakfast
	8:00am - 8:15am Sea Oats	Welcome and Event Announcements
	8:30am - 5:15pm	General Sessions and Hands-On Workshops
WEDNESDAY Oct. 14	7:00am - 8:30am Sea Oats / Seagrapes	Registration and Breakfast
	8:00am - 8:15am Sea Oats	Welcome and Event Announcements
	8:15am - 9:15am Sea Oats	Key Note: TBD
	9:45am - 5:15pm	General Sessions and Hands-On Workshops
	7:00pm - 9:00pm Sea Oats	Evening Event: Pub Style Trivia - Limited Drink Coupons will be available! Presented by FLUG - Teams of 8-10 Max - Sign up begins at 6:30pm - Food will be available for purchase from Longboards Tiki Beach Grille menu.
THURSDAY Oct. 15	7:00am - 8:30am Sea Oats / Seagrapes	Registration and Breakfast
	8:00am - 8:15am Sea Oats	Welcome and Event Announcements
	8:30am - 5:15pm	General Sessions and Hands-On Workshops
	6:30pm - 9:30pm Ball Room	Evening Social: Extreme Fun Extravaganza - Refreshments Served! Presented by FLUG and Our Partners
FRIDAY Oct. 16	7:00am - 8:30am Sea Oats / Seagrapes	Registration and Breakfast
	8:00am - 8:15am Sea Oats	Welcome and Event Announcements
	8:30am - 3:45pm	General Sessions and Hands-On Workshops



Tuesday - October 13th												
		General Session Dunes (60)	General Session Sea Oats (120)	General Session Sawgrass (60)	General Session Starfish (34)	General Session Sand Dollar (30)	General Session Sundial (24)	Workshop Sandcastle I	Workshop Sandcastle II	Workshop Seahorse	Workshop Horizon	
8:30-9:30	Technology Hub Open - Come and visit our Support Partners!!	What's New for OpenRoads Designer 2024 Bentley Erika Smith	FDOT - FDOTConnect 2026 - General Workspace Setup Configuration and Troubleshooting - What's New! FDOT Matt Sexton / Brian Martin	What's new in OpenBridge Designer? Bentley Steve Willoughby	Introduction to Reality Modeling, What's New! Bentley Kurt Rasmussen	** OpenRoads - Parcels and Legal Descriptions with Deed Writer Bentley Todd Holt	FDOT - FDOT C3D 2027 - What's New FDOT Michael Robertson	* T-1-SC I OpenRoads - Beyond Centerline Geometry Bentley Charles Yamashiro	* T-1-SC II OpenRoads - Introduction to OpenRoads Designer Bentley Beebe Ray	T-1-SH AccuDraw Basics for Civil Engineering (2D & 3D) Bentley Dave Mayer	* T-1-H FDOTConnect 2024 - Roadway Design Civil Geometry & Civil Cells ACEC-FDOT Gary Galoti & Juan Villafuerte	
9:45-10:45		* OpenRoads - Geometry Rules and Relationships Bentley Sammy Rodriguez-Roche	FDOT - FDOTConnect 2026 - CADD Compliance Delivery Checklist Tools FDOT Matt Sexton / James Griffith	* OpenBridge Modeler - How to Supplement a DOT OpenBridge WorkSpace Bentley Steve Willoughby	* Manage your Road project in iTwin Capture Manage & Extract, including AI. Bentley Eric Ly	* OpenRoads -Tips and Tricks Bentley Megan Roden	* FDOT - FDOT C3D 2027 - Entity Manager 2.0 Count Me In! On Quantities How FDOT utilizes Civil3D for Quantifying Infrastructure projects FDOT Marcus Duval	↓	↓	↓		
		Break										
11:00-12:00		* OpenRoads - Deep Dive into Annotations - Text Favorites Bentley Megan Roden	* FDOT - FDOTConnect 2026 - Automated Quantities Troubleshooting and Custom Pay Items - Deep Dive where it counts! KCA / FDOT Jessica Alexandre / James Griffith	* OpenRoads - Advanced Analytical Template Development for Constructability Ardurra Joshua Berrars / Augustine Agyemang	* OpenBridge Plans Production Tools Bentley Sye Chakraborty	** OpenRoads Survey-Tips and Tricks EnvisionCAD Bob Mecham	FDOT - FDOT C3D 2027 - Traffic Tools Update FDOT Marcus Duval	* T-2-SC I OpenRoads - Overlay, Stripping and Widening Bentley Slone Harrison	* T-2-SC II OpenRoads - Importing Drainage from Excel Data Bentley Beebe Ray	T-2-SH MicroStation - All Geometry from Curves, Lines, Arcs, B-Splines, Complex Chains and Shapes for Civil Engineering Bentley Dave Mayer		
1.5 Hr		Lunch										
1:30-2:30		* OpenRoads - Earthwork, Grading, and working with Meshes Bentley Todd Holt	* OpenRoads - Deep Dive into Annotations - Annotation Groups Bentley Megan Roden	* OpenBridge Modeler - Phased Construction (Part 1) - Bridge Construction Modeling Bentley Michael Clayborne	What's New in MicroStation Bentley Tamicca Sellars / Dan Eng	** Photogrammetry processing utilizing Trimble Business Center Trimble / Sitech Chad Davis / Mike Eason	FDOT - FDOTConnect 2026 - Traffic Tools Update FDOT Marcus Duval	↓	↓	↓		
		Break										
2:45-3:45		* OpenRoads Designer - Getting the Model Right: Above and Beyond Corridor Modeling Bentley Marcus George	* OpenRoads - Deep Dive into Annotations - Civil Labeler Bentley Megan Roden	* OpenRoads -Phased Construction (Part 2) - Road Construction Modeling Bentley Jordan Belcher	All things AI in MicroStation - Copilot & Python Assistant Bentley Tamicca Sellars / Dan Eng	* FDOT - FDOTConnect 2026 / C3D 2027 - Geotech Tools FDOT Marcus Duval	* OpenRoads - Common Drainage and Utility Problems and How to Solve Them Bentley Holly Herring	* T-3-SC I OpenRoads - Defining Template Components and Constraints Bentley Slone Harrison	* T-3-SC II OpenRoads - Computing Pond Hydraulics Bentley Beebe Ray	* T-3-SH OpenBridge - Bridge Modeling 101 Bentley Sye Chakraborty		
		Snack with the Support Partners! (Technology Hub)										
4:15-5:15	OpenRoads -Workspace Best Practices Bentley Jeremy Carson	* FDOT - FDOTConnect 2026 - Item Types & Civil Labeler. "Attribute, Automate, Annotate: A New Way to Label!" FDOT Joel Sevilla	Digital Signature Customization with Bluebeam Revu DOS CAD Ari Rejtman	An AI Overview (The Good, The Bad, and The Ugly) Phocaz Mark Stefanchuk	* OpenRoads - Drainage Utilities Annotation with Item Types Bentley Erika Smith	* OpenRoads - Special ditch and curb annotation in profile Bentley Jordan Belcher	↓	↓	↓	↓		

Legend
* denotes PDH credits
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Wednesday - October 14th										
	General Session Dunes (60)	General Session Sea Oats (120)	General Session Sawgrass (60)	General Session Starfish (34)	General Session Sand Dollar (30)	General Session Sundial (24)	Workshop Sandcastle I	Workshop Sandcastle II	Workshop Seahorse	Workshop Horizon
8:30-9:30	Key Note									
	Break									
9:45-10:45	* FDOT - FDOTConnect 2026 - ORD Drainage FDOT James Worley	* ** OpenRoads - Creating Proposed Terrain Models Bentley Charles Yamashiro	* OpenRoads / OpenBridge - IFC for Road & Bridge Modelers Bentley Steve Willoughby	* OpenRoads - How to Supplement a DOT Workspace Bentley Todd Holt	Utility Coordination/Conflict Solutions : UWHC is Not a Utility Package: It's a Transportation Project Component Bentley Group, Inc. Melonie Schwartz / Jessica Cruz	* OpenBuildings Designer for Road Infrastructure – Design of Support Buildings and Structures Bentley Mark Enos	W-1-SC I Calculate Material Costs & Quantities with Bluebeam Revu DDS CAD Ari Rejtman	* W-1-SC II OpenRoads - Roundabout Modeling Bentley Jeremy Carson	* W-1-SH OpenRoads -Defining Template End Conditions Bentley Sammy Rodriguez-Roche	* W-1-H FDOTConnect 2024 - Roadway Design 3D Modeling ACEC-FDOT Gary Gaiotti / John Thomas
	Break									
11:00-12:00	* FDOT - FDOTConnect 2026 - Custom Drainage Structures: Pond Control - It's all downhill from here. FDOT James Worley	OpenRoads - Upgrade your Project: Data Migration - New Tools and Workflows Bentley Holly Herring	* OpenBridge Modeler - Grading Design and Modeling at Bridge Abutments Bentley Michael Clayborne	Training the Workforce for Digital Delivery *NEW* VHB Kyle Rosenmeyer	Utility Coordination/Conflict Solutions: The Utility Decision Framework: Six Questions Every Designer, EOR, and PM Should Ask Bentley Group, Inc. Melonie Schwartz / Jessica Cruz	Best Practices for OpenBuildings Designer with Civil and Plant Infrastructure Projects Bentley Jitender Sansoa				
1.5 Hr	Lunch									
1:30-2:30	* OpenRoads - Accelerate your Design Intelligence with Civil Cells *NEW* VHB / FDOT Kyle Rosenmeyer / Joel Sevilla	From Design Model to Virtual World: Leveraging OpenX, Bentley Infrastructure Cloud, Cesium, and Unreal Engine for Next-Generation Visualization Johnson, Mirmiran & Thompson, Inc. Dakota Mohan	* OpenRoads - Drainage/Utilities - Plans Production Tips and Tricks Bentley Erika Smith	** MicroStation - GeoSpatial 101 Bentley Eric Ly	Utility Coordination/Conflict Solutions: Utility Work Schedules: The Most Misunderstood Document in Project Delivery Bentley Group, Inc. Melonie Schwartz / Jessica Cruz	Landscape Architecture Workflows with OpenBuilding Designer Bentley Mark Enos	* W-2-SC I OpenBridge - Plans Production with OpenBridge Modeler Bentley Sye Chakraborty		* W-2-SH OpenRoads - Introduction to Drainage Layout and Hydraulics Bentley Holly Herring	
	Break									
2:45-3:45	OpenRoads - File Federation and Optimizing the Corridor Bentley Charles Yamashiro	* OpenRoads - Cross Sections Annotation Bentley Slone Harrison	* OpenRoads - Annotating Drainage and Utilities Bentley Erika Smith	MicroStation - MicroScope, Under the Hood Bentley Dave Mayer	* OpenRoads - Using ORD to Identify and Manage Utility Clashes in Transportation Projects (Part 1) Bentley Jordan Belcher	* OpenRoads - Roundabout Modeling Part 1 Bentley Marcus George / Todd Holt				
	Snack with the Support Partners! (Technology Hub)									
4:15-5:15	A Smooth Surface: Creating and Managing Surfaces for Digital Deliverables RS&H John-Mark Palacios	* OpenRoads - Creating Staged Cross Sections Bentley Slone Harrison	Construction Roadway Volume Verification for FDOT Sittech Mike Eason	MicroStation - Creating Tables and Reports Bentley Dave Mayer	* OpenRoads - Using ORD to Identify and Manage Utility Clashes in Transportation Projects (Part 2) Bentley Jordan Belcher	* OpenRoads - Roundabout Modeling Part 2 Bentley Marcus George / Todd Holt				

Technology Hub Open - Come and visit our Support Partners!

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Thursday - October 15th											
		General Session Dunes (60)	General Session Sea Oats (120)	General Session Sawgrass (60)	General Session Starfish (34)	General Session Sand Dollar (30)	General Session Sundial (24)	Workshop Sandcastle I	Workshop Sandcastle II	Workshop Seahorse	Workshop Horizon
8:30-9:30	Technology/Hub Open - Come and visit our Support Partners!!	*** Introduction to OpenRoads Designer Bentley Sammy Rodriguez-Roche	FDOT - FDOTConnect 2026 - General Workspace Setup Configuration and Troubleshooting What's New! (Repeat) FDOT Matt Sexton / Brian Martin	Utility Coordination/Conflict Solutions: Mitigating conflict with multiple utilities on large civil projects Badger Larry Hill / Shane McGlocklin	* Clearance and Clash Detection Workflows in OpenBridge Modeler Bentley Steve Willoughby	Introduction to ProjectWise Managed Workspace Bentley Buddy Branham	SYNCHRO Construction Solution Bentley Abdallah Marzouki / Tony Bonacorsi	* TH-1-SC I OpenRoads -Quantities and Earthwork Bentley Megan Roden	* TH-1-SC II OpenBridge - Template Creation Bentley Steve Willoughby	** TH-1-SH OpenRoads - Geometry for Surveyors Bentley Beebe Ray	*TH-1-H FDOTConnect 2024 - Drainage & Pond Design with 3D Modeling & Plans Development ACEC-FDOT Kyle Rosenmeyer & Ramone Spalding
		Break									
9:45-10:45		Leveraging the 3D Model for Alternative Interchange Analysis Ardurra Joshua Bearrs / Augustine Agyemang	* OpenRoads - Item Type Fundamentals – Part 1 Bentley Charles Yamashiro / Jordan Belcher	Utility Coordination/Conflict Solutions: Mitigating utilities for mast arm and lighting structure conflicts Badger Larry Hill / Shane McGlocklin	Creating Tables and Reports for OpenBridge Users Bentley Michael Clayborne	FDOT - FDOTConnect 2026 - ProjectWise Managed Workspace - It's all about the CDE FDOT / Bentley Mike Robertson / Buddy Branham	Interrogating an iModel in SYNCHRO Bentley Abdallah Marzouki / Tony Bonacorsi				
		Break									
11:00-12:00		* OpenRoads - All about creating Drainage Features Bentley Erika Smith	* OpenRoads - Item Type Fundamentals – Part 2 Bentley Charles Yamashiro / Jordan Belcher	* FDOT Quantities in OpenRoads Designer 3D Highway Engineering Richard Perez	What's new in Civil 3D 2027 DDS CAD Doug Medley	What's new in ProjectWise and what's ProjectWise Cloud? Bentley Dustin Fezell	* Creating a Construction Model in SYNCHRO Bentley Abdallah Marzouki / Tony Bonacorsi	TH-2-SC I Bentley AI - Prompting with Bentley Copilot and the Python Assistant Bentley Dave Mayer	* TH-2-SC II OpenBridge - Advanced Bridge Modeling Techniques with OBM Bentley Michael Clayborne	** TH-2-SH OpenRoads - Regression for Surveyors Bentley Beebe Ray	
1.5 Hr											
1:30-2:30		* OpenRoads - Creating Drainage Reports Bentley Jordan Belcher	* FDOT - FDOTConnect 2026 - Automated Quantities Troubleshooting and Custom Pay Items - Deep Dive where it counts! (Repeat) KCA / FDOT Jessica Alexandre / James Griffith	* OpenRoads - Best Practices for Civil Cells Bentley Todd Holt	FDOT - FDOTConnect 2026 - OpenBridge Modeler Updates AtkinsRealis / FDOT Steve Tissier / Heather Piorun	Tips & Tricks for ProjectWise Users Bentley Linh Ha	* SYNCHRO Data Collection and Communication - Connecting to OpenRoads Designer Bentley Abdallah Marzouki / Tony Bonacorsi				
		NEW									
2:45-3:45		MicroStation -Tips & Tricks, The Game Show Version Bentley Dave Mayer	* OpenRoads - Making the Model More Visual using the OpenRoads WorkSpace Bentley Jeremy Carson	** OpenRoads Survey-All things Terrain EnvisionCAD Bob Mecham	** LIDAR processing for Point Clouds and Surface Creation Trimble Chad Davis	Getting Started On Bentley Infrastructure Cloud Bentley Dustin Fezell	* SYNCHRO 4D Models Bentley Abdallah Marzouki / Tony Bonacorsi	* TH-3-SC I Civil 3D 2027 - Intersection, Roundabouts, and Cul-de-sacs Design DDS CAD Doug Medley	* TH-3-SC II OpenRoads - Creating and Managing Utilities Bentley Beebe Ray	** TH-3-SH OpenRoads - Right of Way Fundamentals Bentley Sammy Rodriguez-Roche	
		Snack with the Support Partners! (Technology Hub)									
4:15-5:15		MicroStation -Tips & Tricks, The Game Show Version (Con't) Bentley Dave Mayer	* OpenRoads - Design and Model ADA Ramps Bentley Jeremy Carson	* ** OpenRoads - Typical Overlay evaluation workflow using ORD EnvisionCAD Vern Danforth	Model-First Delivery for Bridges: A Practical Business Case for Structural Digital Delivery RS&H Matthew Warriner	Bentley Infrastructure Cloud Design Review Overview and Best Practices Bentley Dustin Fezell	* ** Reality Modeling - Cesium ION Overview and Digital Cities Solution Bentley Kurt Rasmussen				

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Friday - October 16th											
		General Session Dunes (60)	General Session Sea Oats (120)	General Session Sawgrass (60)	General Session Starfish (34)	General Session Sand Dollar (30)	General Session Sundial (24)	Workshop Sandcastle I	Workshop Sandcastle II	Workshop Seahorse	Workshop Horizon
8:30-9:30	Technology Hub Open - Come and visit our Support Partners!!	* OpenRoads - Templates Deconstructed Bentley Sammy Rodriguez-Roche	** "Dude, where is my Building" Have you ever referenced a BIM model into a Civil model, and it is floating out in Space? Bentley Jitender Sansoa	Wising up to ProjectWise: An Organizational Approach to Centrally Managed Custom Workspace Supplements in a ProjectWise Environment RS&H Matthew Warriner / John-Mark Palacios	** FDOT - FDOTConnect 2026 - Survey Workflows *NEW* FDOT Robert Mellis	Tool Library Customizations with Bluebeam Revu Max DDS CAD Ari Rejtman	* ** Introduction to OpenSite Bentley Beebe Ray	* F-1-SC I Modeling Rebar in 3D with OpenBridge Modeler/ProStructures AtkinsRealis Steven Tissier	* F-1-SC II Getting Started with iTwin Capture Manage & Extract for your Civil Projects Bentley Eric Ly	* F-1-SH OpenRoads - Intersection Design Part 1 - Horizontal and Vertical Geometry Bentley Jeremy Carson	* F-1-H FDOTConnect 2024 - Automated Quantities and FDOT Digital Delivery Submissions ACEC-FDOT Emmanuel Marin & Kyle Rosenmeyer
9:45-10:45		OpenRoads - Creating Civil Sheet Seed Definitions Bentley Megan Roden	iTwin Engage for Civil and Building Project Bentley Kurt Rasmussen / Mark Enos	* ** OpenRoads - Understanding Terrain Models Bentley Todd Holt	** FDOT - FDOTConnect 2026 - ROW Mapping Workflows *NEW* FDOT Robert Mellis	What's new in Civil 3D 2027 (Repeat) DDS CAD Doug Medley	* ** Introduction to OpenSite+ CAD Bentley Beebe Ray				
11:00-12:00		OpenRoads - Advanced Tips and Tricks for Sheet Seed Creation Bentley Megan Roden	* OpenRoads - Modeling Retaining Walls and Side Slopes Bentley Slone Harrison	Add AI to Your Custom Program Phocaz Mark Stefanchuk	** OpenRoads Survey - QuickStart for Survey Bentley Beebe Ray	Civil Design Review Validation & Analysis with Bentley Infrastructure Cloud Bentley Jordan Belcher	Introduction to OpenRoads ConceptStation Bentley Todd Holt		* F-2-SC II OpenRoads - Creating and Manipulating the Corridor Bentley Charles Yamashiro		
1.5 Hr		Lunch									
1:30-2:30		* LDM to Place Table Tool: Linking Excel Data in Plan Sheets AtkinsRealis Steven Tissier	* OpenRoads- Drainage & Utilities - Tips and Tricks and new functionality added in recent releases Bentley Erika Smith	MicroStation - Using Python to create a Script for a Real World Production Issue Bentley Dave Mayer	** OpenRoads Survey - Editing Link Code Features Bentley Todd Holt	FDOT - Ask FDOT FDOT FDOT CADD Office	Trimble Business Center - Basic Models for Sites and Roads Trimble Chad Davis	* F-2-SC I OpenRoads - Using and Editing Terrain Models Bentley Sammy Rodriguez-Roche		* F-2-SH OpenRoads - Intersection Design Part 2 - 3D Model Detailing Bentley Jeremy Carson	
2:45-3:45		* OpenRoads - Civil Geometry - Tips and Best Practices Bentley Slone Harrison	MicroStation - Sheet Indexing 2.0 - Introduction to the dgsni Bentley Dan Eng / Dave Mayer	* OpenRoads - Parametric Cell Creation Bentley Erika Smith	** OpenRoads Survey - Editing Survey Features Using Point Lists Bentley Todd Holt	Processing, uploading & managing reality data in iTwin Services Bentley Kurt Rasmussen	Daily Design Twins to Transform Your Day *NEW* VHB Kyle Rosenmeyer				

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TUESDAY OCTOBER 13th SESSIONS

Time	Title	Speaker	Description	Level	Software	PDH/PSM Credits
8:30 - 9:30	What's New for OpenRoads Designer 2024	Bentley	A preview of OpenRoads Designer 2024 new features. Discover valuable new features and enhancements, that will reduce design time, minimize errors and rework, and to help you better model, visualize, and execute your road infrastructure projects. Learn about: • Improved linear and point geometry • New right-to-left profile layouts New geotechnical capabilities and integration with OpenGround • Improvements to drainage and utilities functionality • Improved drawing production functionality	Novice - Expert	OpenRoads Designer	PDH Credits : N/A
8:30 - 9:30	FDOT - FDOTConnect 2026 - General Workspace Setup Configuration and Troubleshooting - What's New!	FDOT	This session is an in-depth dive into the process of setting up, configuring and troubleshooting the FDOTConnect 2026 workspace. This session will help the attendee to understand how the software is installed and what to do when things don't go as planned.	Intermediate - Expert	FDOTConnect 2026	PDH Credits : N/A
8:30 - 9:30	What's new in OpenBridge Designer?	Bentley	This presentation will review all the new enhancements in OpenBridge 2024 in addition to a preview of coming attractions for the 2025 release.	Novice - Expert	OpenBridge Designer	PDH Credits : N/A
8:30 - 9:30	Introduction to Reality Modeling, What's New!	Bentley	Discover how reality modeling provides real-world digital context for digital twins.	Novice - Expert	Bentley Reality Modeling	PDH Credits : N/A
8:30 - 9:30	** OpenRoads - Parcels and Legal Descriptions with Deed Writer	Bentley	The Deed Writer is a new tool in the 2024 release of OpenRoads Designer to assist with right of deed creation. This session will show how the deed writer can create right of way parcels and legal descriptions.	Novice - Expert	OpenRoads Designer	PSM CE Credits : 1
8:30 - 9:30	FDOT - FDOT C3D 2027 - What's New	FDOT	Get caught up with what's new in the latest release of the FDOT Civil 3D State Kit 2027. Topics include Maintenance Release (MR) and new version updates.	Intermediate - Expert	FDOT C3D 2027	PDH Credits : N/A
9:45 - 10:45	* OpenRoads - Geometry Rules and Relationships	Bentley	In this OpenRoads Designer session, learn about geometry parent/child relationships, and how to maximize efficiency when dealing with design changes.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1
9:45 - 10:45	FDOT - FDOTConnect 2026 - CADD Compliance Delivery Checklist Tools	FDOT	This session will discuss the various CADD Office tools developed to assist with CADD delivery. Specifically with regards to the CADD Compliance Checklist; Project QC reports, Project Validator reports, Reference Manager/Checker, and Geographic Coordinate System Reports	Novice - Expert	FDOTConnect 2026	PDH Credits : N/A
9:45 - 10:45	* OpenBridge Modeler - How to Supplement a DOT OpenBridge WorkSpace	Bentley	Let's take a dive into the OpenBridge configuration and how to modify them to make you and your colleagues more productive. Topics includes the various levels of a workspace, configuration variables, configuration file syntax, and how to quickly locate key components of a workspace like seed files, feature libraries and drawings seeds. OBM Specific configuration variables will be discussed as well.	Novice - Expert	OpenBridge Modeler	PDH Credits : 1
9:45 - 10:45	* Manage your Road project in iTwin Capture Manage & Extract, including AI.	Bentley	Tips and tricks to semiautomatic or automatic extract road markings and road borders from pointclouds or images. The session shall show how to use different methods to extract the features. For example usages of Orbit, ContextCapture, Microstation, AI and other Bentley software to extract the features. Both in 2D and 3D.	Novice - Expert	Bentley Reality Modeling	PDH Credits : 1
9:45 - 10:45	* OpenRoads -Tips and Tricks	Bentley	In this session, learn how to be more productive and efficient as Bentley experts share useful tips, tricks and highlight some of the newer tools that have been added to OpenRoads Designer over the past few releases.	Novice - Expert	OpenRoads Designer	PDH Credits : 1
9:45 - 10:45	* FDOT - FDOT C3D 2027 - Entity Manager 2.0 Count Me In! On Quantities How FDOT utilizes Civil3D for Quantifying Infrastructure projects	FDOT	Learn how FDOT uses Civil 3D to automate and streamline quantity takeoffs for infrastructure projects. This session covers key workflows, tools, and standards that support accurate, efficient project delivery using FDOT's C3D environment.	Novice - Expert	FDOT C3D 2027	PDH Credits : 1
11:00 - 12:00	* OpenRoads - Deep Dive into Annotations - Text Favorites	Bentley	All automated annotation has one thing in common, the use of Text Favorites. Text Favorites are capable of infinite combinations of label content. In this presentation, learn how to properly navigate and search the Text Favorite dialog looking for those unique properties. In addition, we will explore some of the more significant Text Favorite settings. Lastly, learn the significance of the Text Style inclusion and how Text Favorites directly interact.	Novice - Expert	OpenRoads Designer	PDH Credits : 1
11:00 - 12:00	* FDOT - FDOTConnect 2026 - Automated Quantities Troubleshooting and Custom Pay Items - Deep Dive where it counts!	KCA / FDOT	This session will provide an in-depth look at utilizing native Bentley OpenRoads Designer (ORD) and FDOT workspace tools to visualize, troubleshoot, and customize pay item data for quantity reporting. Attendees will also learn about recent tool enhancements and benefit from practical tips and best practices.	Novice - Expert	FDOTConnect 2026	PDH Credits : 1

11:00 - 12:00	* OpenRoads - Advanced Analytical Template Development for Constructability	Ardurra	This session will describe how Ardurra is using advanced analytical templates in OpenRoads Designer to develop cost savings while working collaboratively with the contractor during the Modified Phased Design Build Process. These analysis templates include overbuild/reconstruction “heat maps” to determine areas of proposed pavement savings as well as 3D TCP Templates including MSE Wall strap length and constructability constraints.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1
11:00 - 12:00	* OpenBridge Plans Production Tools	Bentley	Optimize your plans creation process using the tools provided in OpenBridge Modeler and take advantage of what the MicroStation platform offers as well. Design, Drawing and Sheet models, Section callouts, Elevation Callouts, Clip Volume, Annotation scales are the few topics that we will cover in this session.	Novice - Expert	OpenBridge Modeler	PDH Credits : 1
11:00 - 12:00	** OpenRoads Survey-Tips and Tricks	EnvisionCAD	Bentley's OpenRoads Survey module offers powerful tools for processing and managing survey data within OpenRoads Designer. Understanding best practices can significantly improve efficiency, accuracy, and ease of use. This lecture will provide practical tips and tricks to streamline workflows, enhance data management, and troubleshoot common challenges. Whether you're importing field data or creating surface models, these insights will help you maximize the capabilities of OpenRoads Survey.	Novice - Expert	OpenRoads Designer	PSM CE Credits : 1
11:00 - 12:00	FDOT - FDOT C3D 2027 - Traffic Tools Update	FDOT	This session will highlight enhancements to the FDOT C3D Traffic Tools and provide practical tips and best practices for maximizing their effectiveness.	Novice - Expert	FDOT C3D 2027	PDH Credits : N/A
1:30 - 2:30	* OpenRoads - Earthwork, Grading, and working with Meshes	Bentley	This presentation will cover the many nuances with computing quantities and calculating earthwork such as unsuitable materials, multiple substrata, and complex volumes with meshes.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1
1:30 - 2:30	* OpenRoads - Deep Dive into Annotations - Annotation Groups	Bentley	Annotation Groups are the key to setting up automated annotation for both geometry along with cross section and profile sheets. In this presentation, we will explore the different types of Annotation Groups. After defining the different types of Annotation Groups, we will next look at creating and editing them. Lastly, we will explore importing Annotation Groups from other WorkSpaces to simplify the creation process.	Novice - Expert	OpenRoads Designer	PDH Credits : 1
1:30 - 2:30	* OpenBridge Modeler - Phased Construction (Part 1) - Bridge Construction Modeling	Bentley	This presentation is broken into TWO parts, Bridge construction which will flow into Road Construction. Part 1 will cover generating a phased bridge model, and comparing constructability with an existing bridge model and as-built plans. During this session we will discuss a workflow for modeling phased bridge construction, generating construction sequence drawings, as well as tips, and tricks for working with multiple bridge models.	Novice - Expert	OpenBridge Modeler	PDH Credits : 1
1:30 - 2:30	What's New in MicroStation	Bentley	In this session, learn what is new in the latest currently available version of MicroStation. Gain insights on how the latest improvements and features can help you in your everyday workflows. Also, stay on top of the latest advancements in technology and understand how these features are shaping the industry.	Novice - Expert	MicroStation 2026	PDH Credits : N/A
1:30 - 2:30	** Photogrammetry processing utilizing Trimble Business Center	Trimble / Sitech	Photogrammetry processing workflow for providing surface and orthomosaic deliverables using Trimble Business Center software	Novice - Expert	Trimble TBC	PSM CE Credits : 1
1:30 - 2:30	FDOT - FDOTConnect 2026 - Traffic Tools Update	FDOT	This session will highlight enhancements to the FDOTConnect 2026 Traffic Tools and provide practical tips and best practices for maximizing their effectiveness.	Novice - Expert	FDOTConnect 2026	PDH Credits : N/A
2:45 - 3:45	* OpenRoads Designer - Getting the Model Right: Above and Beyond Corridor Modeling	Bentley	In this OpenRoads Designer session, you will learn about corridor modeling methods and tips for creating accurate corridor models.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1
2:45 - 3:45	* OpenRoads - Deep Dive into Annotations - Civil Labeler	Bentley	Every engineering project requires manual annotation. Civil Labeler allows the user to create any combination of both static and computed text. Civil Labeler supports many different settings to control the symbology and overall appearance such as rotation, leader lines, etc. In this Presentation we will learn how to create different types of Civil Labels from start to finish. In addition, learn how to import Civil Label Definitions from other Workspace Environments.	Novice - Expert	OpenRoads Designer	PDH Credits : 1
2:45 - 3:45	* OpenRoads -Phased Construction (Part 2) - Road Construction Modeling	Bentley	This presentation is continued from Part 1, Bridge Construction and will guide you through a phase-based workflow for modeling roadway construction staging and traffic control plans using Bentley's OpenRoads Designer. Using a highway widening project as the central example, you'll see a live demonstration of how to model, annotate, and generate plans for each construction stage. The dynamic modeling approach ensures that any design changes made in earlier phases automatically update subsequent stages, streamlining edits and coordination for downstream disciplines.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1
2:45 - 3:45	All things AI in MicroStation - Copilot & Python Assistant	Bentley	Ready to maximize your time in MicroStation 2026? The session explores practical applications of MicroStation's new AI tools, featuring Bentley Copilot and Python Assistant. Learn how to automate repetitive workflows, extract model insights, and apply proven tips to boost your daily efficiency.	Novice - Expert	MicroStation 2026	PDH Credits : N/A

2:45 - 3:45	* FDOT - FDOTConnect 2026 / C3D 2027 - Geotech Tools	FDOT	Bored? Let's talk borings! This session will explore how to use the FDOTConnect 2026/ C3D 2027 Geotech Tools to create/import borehole data using the Geotechnical Data Manager and how to use that data to generate the report of core borings, 2D plan elements, 3D Geotech model, and how to create and annotate geotech cross sections.	Novice - Expert	FDOTConnect 2026 / FDOT C3D 2027	PDH Credits : 1
2:45 - 3:45	* OpenRoads - Common Drainage and Utility Problems and How to Solve Them	Bentley	Examine the common challenges faced by users of OpenRoads Designer Drainage and Utilities. This exploration will delve into the typical issues encountered, providing insights into potential solutions and the underlying reasons for these problems. By understanding these challenges, users can better navigate the software and enhance their overall experience.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1
4:15 - 5:15	OpenRoads -Workspace Best Practices	Bentley	Whether it is keeping up to date, consolidating resources, or configuration variable tweaks, there are always improvements that can be done in a WorkSpace. In this presentation, we will examine some of these more challenging topics.	Intermediate - Expert	OpenRoads Designer	PDH Credits : N/A
4:15 - 5:15	* FDOT - FDOTConnect 2026 - Item Types & Civil Labeler. "Attribute, Automate, Annotate: A New Way to Label"	FDOT	Tired of recreating the same labels over and over again? Discover how to transform your designs into intelligent, self-updating annotations. Join us as we explore how to attribute design elements and automatically extract key information using Civil Labeler, saving you time and eliminating repetitive work for good.	Novice - Expert	FDOTConnect 2026	PDH Credits : 1
4:15 - 5:15	Digital Signature Customization with Bluebeam Revu	DDS CAD	This presentation covers many nuances behind digital signature preparation. We'll understand how second and third-party digital signatures differ. After we prepare our PDFs for flexible and secure digital signatures, we'll edit their appearances and use the Batch Signature tool successfully.	Novice - Expert	Bluebeam Revu	PDH Credits : N/A
4:15 - 5:15	An AI Overview (The Good, The Bad, and The Ugly)	Phocaz	An overview of AI defining both vision and LLM models. We will examine the direction companies are headed today and what we might expect short term. The session will dig into features Bentley and Autodesk have added recently with emphasis on enhancements to MicroStation and AutoCAD. Expect demos. Finally, we will discuss more recent issues surrounding AI results, accuracy, security, and job redundancy. The order of this synopsis does not align directly with good, bad, and ugly. You may decide yourselves - anticipate perspective and mission to change opinion. With the current state of AI, good, bad, and ugly can be found everywhere.	Novice - Expert	Artificial Intelligence (AI)	PDH Credits : N/A
4:15 - 5:15	* OpenRoads - Drainage Utilities Annotation with Item Types	Bentley	This session will explore how Item Types can be used in OpenRoads Designer to create intelligent, data-driven annotations for drainage and utility features. This presentation will demonstrate how to configure and apply Item Types to extract and display information from referenced models, reducing manual labeling efforts and improving consistency across project deliverables. Through practical examples and live demonstrations, attendees will learn techniques for automating annotation, enhancing data accuracy, and streamlining plan production workflows while maintaining standardized and easily updatable design information.	Novice - Expert	OpenRoads Designer	PDH Credits : 1
4:15 - 5:15	* OpenRoads - Special ditch and curb annotation in profile	Bentley	In this OpenRoads session, you will learn workflows for adding and annotating Special Ditches in Profile.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1
TUESDAY WORKSHOP						
8:30 - 10:45	* T-1-SC I OpenRoads - Beyond Centerline Geometry	Bentley	Pavement Edges are particularly important: they are required in Plan Sheets and the streamline modeling corridors (a single template can follow edges wherever they meander). In this class you create smart, editable, obedient edges, turn lanes, tapers, and driveways. You will see how OpenRoads Remembers the relationships with which you built the geometry and honors it when the design changes. OpenRoads Remembers your Design Intent.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 2

8:30 - 10:45	* T-1-SC II OpenRoads - Introduction to OpenRoads Designer	Bentley	This course is an introduction to the capabilities of the OpenRoads Designer software for existing GEOPAK, InRoads, and MXROAD OpenRoads Technology users. Those new to the OpenRoads Technology should start with the QuickStart for OpenRoads Designer Geometry course instead of this course.	Novice - Intermediate	OpenRoads Designer	PDH Credits: 2
8:30 - 10:45	T-1-SH AccuDraw Basics for Civil Engineering (2D & 3D)	Bentley	In this course, you will learn how to navigate in 2D and 3D design space using AccuDraw. You will learn the basic features, functionality, usage and related settings and shortcuts required for this purpose. This geometrically translates into relocation of the origin and reorientation of the coordinate axes. Starting from the need for a coordinate system, its types and role in the modeling process; its embodiment in AccuDraw is laid out. The main parts of AccuDraw – the Compass and the Coordinate Window – and their role are covered. Besides the main function, other conveniences provided by AccuDraw are also covered like the auto placement of point, context-based change of mode and orientation of axes, access to snap modes, tool settings etc. which add to the speed and thus efficiency.	Novice - Expert	MicroStation 2026	PDH Credits: N/A
11:00 - 2:30	* T-2-SC I OpenRoads - Overlay, Stripping and Widening	Bentley	During this course you will learn to create and use templates that incorporate overlay and stripping components. You will also learn to use the Overlay Vertical Adjustments tool to calculate new vertical alignments that result in minimizing or specific depths of overlay and stripping/milling.	Intermediate - Expert	OpenRoads Designer	PDH Credits: 2
11:00 - 2:30	* T-2-SC II OpenRoads - Importing Drainage from Excel Data	Bentley	In this course, you will learn how to use ModelBuilder connections and mappings to import drainage data from Excel spreadsheets and build a 3D drainage model. You will then learn how to use ModelBuilder to import updated spreadsheets to update the 3D model.	Intermediate - Expert	OpenRoads Designer	PDH Credits: 2
11:00 - 2:30	T-2-SH MicroStation - All Geometry from Curves, Lines, Arcs, B-Splines, Complex Chains and Shapes for Civil Engineering	Bentley	This course is for MicroStation CONNECT users from any discipline. Starting from simple curves like lines, circular and elliptical arcs, it builds Complex Chains and Complex Shapes with hands on exercises from based on practical applications. Usage of B-splines to interpolate (connect) given set of points is also covered. Geometric concept like condition for curves to meet smoothly, along with the required construction are included with step by step instruction.	Novice - Expert	MicroStation 2026	PDH Credits: N/A
2:45 - 5:15	* T-3-SC I OpenRoads - Defining Template Components and Constraints	Bentley	This hands-on training teaches how to create and make template end conditions. This training focuses on the side slopes connecting the template hinge to the tie down point. You will learn how to create end conditions with multiple cut and fill slope solutions, cut slopes with a ditch adjacent to the hinge, walls, and forced right-of-way solutions.	Intermediate - Expert	OpenRoads Designer	PDH Credits: 2
2:45 - 5:15	* T-3-SC II OpenRoads - Computing Pond Hydraulics	Bentley	This class will look at how to place a pond from a terrain model and how to add attenuation to the drainage system. The pond already has a 3D model built from a terrain and linear templates. It is fully parametric. That file has been referenced into the drainage network file. This training will focus on placing the pond with the drainage tool, adding inflow and outflow elements, and running a storm event. We will modify the outlet structure to control water leaving the pond. This class will introduce running the system through the SWMM engine using CivilStorm.	Intermediate - Expert	OpenRoads Designer	PDH Credits: 2
2:45 - 5:15	* T-3-SH OpenBridge - Bridge Modeling 101	Bentley	Quickly model a bridge with the wizard and understand the assumptions made by the wizard and how to override them to achieve the desired model accuracy. Also, add approach slabs and other non-wizard features to the model.	Novice - Intermediate	OpenBridge Modeler	PDH Credits: 2
8:30 - 5:15	* T-1-H FDOTConnect 2024 - Roadway Design Civil Geometry & Civil Cells	ACEC-FDOT	This hands-on workshop introduces participants to the fundamentals of 2D planimetrics, profile development, and civil constrained geometry in FDOTConnect 2024. Attendees will learn how to create and edit geometry, build accurate alignments and profiles, and create/apply FDOT Civil Cells to streamline common roadway design tasks. Through guided exercises, participants gain practical experience using FDOT standards to produce consistent, design intent driven models.	Novice - Expert	FDOTConnect 2024 - OpenRoads Designer	PDH Credits: 6

WEDNESDAY OCTOBER 14th SESSIONS

Time	Title	Speaker	Description	Level	Software	PDH/PSM Credits
9:45 - 10:45	* FDOT - FDOTConnect 2026 - ORD Drainage	FDOT	With new software comes new processes! This presentation will demonstrate the new process of creating your FDOTConnect ORD Drainage designs and what needs to be done to facilitate the new element properties being populated.	Intermediate - Expert	FDOTConnect 2026	PDH Credits : 1
9:45 - 10:45	* ** OpenRoads - Creating Proposed Terrain Models	Bentley	In this OpenRoads Designer presentation, discover how to create terrains using graphical filters, draft terrains from design meshes, and develop combined terrains using the tool 'Create Complex Terrain'.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1 PSM CE Credits : 1
9:45 - 10:45	* OpenRoads / OpenBridge - IFC for Road & Bridge Modelers	Bentley	As the industry is gearing to a common file format approach to deliver models, exporting into a IFC file has been requested to enhance the collaboration among multiple platforms. In this presentation, we will explore the different methods that we can use to export our OpenRoads & OpenBridge 3D models to an IFC file, considerations for the pursuit of national standard while maintaining the metadata information of such models. Key learning points include: •Understanding the IFC requirements •Preparing your feature definitions and item types for IFC export •Methods of exporting ORD & OBM models to IFC	Intermediate - Expert	OpenRoads Designer / OpenBridge Modeler	PDH Credits : 1
9:45 - 10:45	* OpenRoads - How to Supplement a DOT Workspace	Bentley	In this OpenRoads Designer session we will cover how to add features to a Workspace received from an agency. Often the consulting organizations find that they need additional features and sheets, this session will give you the knowledge on how to add this needed information.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1
9:45 - 10:45	Utility Coordination/Conflict Solutions : UWHC is Not a Utility Package: It's a Transportation Project Component	Bentley Group, Inc.	A technically sound Utility Work by Highway Contractor (UWHC) Package can still create significant project risk if it is not fully integrated into roadway design, MOT, sequencing, quantities, material procurement, and delivery planning. This session challenges the traditional view of UWHC as simply a utility package and examines it as a transportation project component. Attendees will learn how to evaluate whether UWHC should proceed, how to review utility packages for integration risk, and how real-world issues involving MOTS conflicts, sequencing, material procurement delays, quantity disputes, and utility backout scenarios can affect project success.	Novice - Expert	Utility Coordination / Conflict Solutions	PDH Credits : N/A
9:45 - 10:45	* OpenBuildings Designer for Road Infrastructure – Design of Support Buildings and Structures	Bentley	OpenBuildings Designer is a scalable, multi-discipline building design application that enables BIM workflows to develop and design buildings of any size or complexity. In this session, discover how to leverage its capabilities for road infrastructure projects. From support buildings such as toll plazas, to vehicular maintenance buildings, comfort stations and weigh stations. Bentley's federated BIM approach offers quick design, alternative exploration and adaptive re-use.	Intermediate - Expert	OpenBuildings Designer	PDH Credits : 1
11:00 - 12:00	* FDOT - FDOTConnect 2026 - Custom Drainage Structures: Pond Control - It's all downhill from here.	FDOT	Have at least one pond on your project? Then you will more than likely have at least one Pond Control Structure that will be needed. In this session we will look at how an existing ORD Drainage Structure can be made into a Pond Control Structure. Starting with a standard top we will add weirs, an orifice and even a skimmer to make the new structure top. Also if you stay until the end you will be among the first to see an upcoming application to help with this process. So, come join in on the fun and learn how it is done.	Novice - Expert	FDOTConnect 2026	PDH Credits : 1
11:00 - 12:00	OpenRoads - Upgrade your Project: Data Migration - New Tools and Workflows	Bentley	In a recent release, we introduced new tools and workflows to improve your experience moving legacy data into the latest version of OpenRoads Designer. In this session, you will learn how to utilize these tools to import your projects and continue your work.	Novice - Expert	OpenRoads Designer	PDH Credits : N/A
11:00 - 12:00	* OpenBridge Modeler - Grading Design and Modeling at Bridge Abutments	Bentley	Let's review how to utilize the linear templates functionality in OpenBridge Modeler to model more complex abutment grading options thru the use of a pre-defined template library.	Intermediate - Expert	OpenBridge Modeler	PDH Credits : 1

11:00 - 12:00	Training the Workforce for Digital Delivery *NEW*	VHB	The transition from 2D engineering plans to digital delivery of infrastructure models is rapidly accelerating within the civil engineering industry. Workforce training, rather than technology, is becoming the limiting constraint to progress. Hear from Kyle Rosenmeyer, VHB, as he shares insights from VHB's industry leading training program to re-wire the workforce for digital delivery. Learn more about this case study from Bentley. When designers fully automate tedious tasks, visualize their design intent through models, and deliver reliable data to builders, they are having a good day. When builders can identify constructability issues faster through model review, organize resources more effectively through schedule connected digital twins, and improve production rates through automated equipment, they are having a good day. When owners can deliver a project ahead of schedule, on budget, with positive public feedback, they are having a good day. Technology is the wave that moving our industry to digital, and just like a real wave, it is much better to ride, than swim against it. Hear from Kyle Rosenmeyer at VHB present a case study on how one organization has embraced the technology for digital delivery. In 2023 VHB initiated a model-based design training program targeted early adopters within the firm. The model-based design "coaches" received an unprecedented 100 hours of technical training focused on building 3D models with design intent, leveraging technology platforms like iTwin and ProjectWise Infrastructure Cloud, and developing strong communication skills. In two years, VHB has seen a notable increase in our workforce's capabilities and understanding of digital delivery, widespread adoption of new ideas and the commitment to learn new skills, and increased levels of job satisfaction. Kyle will provide an actionable plan that you can implement directly in your organization to better align it for digital delivery. FLUG is about connecting organizations to share knowledge and collectively advancing the industry and training our workforce may be the final step to fully unlocking the digital age of infrastructure.	Novice - Expert	Digital Delivery	PDH Credits : N/A
11:00 - 12:00	Utility Coordination/Conflict Solutions: The Utility Decision Framework: Six Questions Every Designer, EOR, and PM Should Ask	Bentley Group, Inc.	Most project teams are trained to identify utility conflicts. Far fewer are trained to evaluate utility decisions. This session introduces a practical six-question framework that helps designers, EORs, PMs, and utility coordinators think beyond conflict identification and evaluate utility impacts through the lenses of avoidance, project impacts, implementation, delivery, affordability, and contingency planning. Using real-world examples involving railroads, utility schedules, municipal funding limitations, utility relocations, and constructability concerns, attendees will learn how better utility decisions lead to better project delivery outcomes and fewer surprises during design and construction.	Novice - Expert	Utility Coordination / Conflict Solutions	PDH Credits : N/A
11:00 - 12:00	Best Practices for OpenBuildings Designer with Civil and Plant Infrastructure Projects	Bentley	OpenBuildings Designer is a scalable, multidiscipline building design application that enables BIM workflows that is built on the "Open" Platform Technology that has the embedded power of MicroStation. We will explore Digital Workflows and Best Practices when working on Water/Plant projects with OpenPlant Modeler and Bentley Cable and Raceway Management. Also we explore workflow on Civil Projects with OpenRoads Designer and OpenRail Designer. • Review of OpenBuildings Designer Workflows (Seed files, Working Units) and Geo-Referencing Civil Models from OpenRoads Designer & OpenRail Designer • Annotating and Displaying Centerlines for OpenPlant Modeler Piping in OpenBuildings Designer • OpenBuildings Best Practices and Tips & Tricks for Concrete: Modeling Sloped Slabs and Walls, Penetrations, and Drawing Family/Part Unification and Re-symbolization • Leveraging Display Rules & Display Styles in Models and Drawings between applications • Creating Tunnels with GenerativeComponents from the OpenRoads Designer & OpenRail Designer alignments • OpenBuildings Designer using iTwin Referencing for Coordination with Revit • OpenBuildings Designer iTwin Referencing with OpenPlant Modeler	Novice - Expert	OpenBuildings Designer	PDH Credits : N/A
1:30 - 2:30	* OpenRoads - Accelerate your Design Intelligence with Civil Cells *NEW*	VHB / FDOT	In this joint FDOT-VHB session, you will learn how civil cells can perform as modular building blocks of a roadway design in OpenRoads Designer. Using constrained geometry, shared reference lines, and good planning can accelerate an initial layout of a roadway from hours to minutes, and provide all of the intelligence and design intent that designers expect with OpenRoads geometry. We will explore use cases, example workflows, tips for model execution planning, and explain the skill mastery you need to guide your own civil cell creations. Attendees will be provided access to new training materials for civil cell creation tied to the presentation material, and have an opportunity to get their questions Civil Cells and OpenRoads geometry answered.	Novice - Expert	OpenRoads Designer	PDH Credits : 1

1:30 - 2:30	From Design Model to Virtual World: Leveraging OpenX, Bentley Infrastructure Cloud, Cesium, and Unreal Engine for Next-Generation Visualization	Johnson, Mirmiran & Thompson, Inc.	Engineering models contain far more value than simply producing plan sheets. This presentation demonstrates how OpenX models can be transformed into high-fidelity visualizations and simulations using Bentley Infrastructure Cloud(BIC), Cesium geospatial data, and Unreal Engine.	Novice - Expert	Bentley Infrastructure Cloud	PDH Credits : N/A
1:30 - 2:30	* OpenRoads - Drainage/Utilities - Plans Production Tips and Tricks	Bentley	In this session, Bentley drainage experts share useful tips, tricks and highlight some of the newer drainage & utilities tools that have been added to OpenRoads Designer over the past few releases.	Novice - Expert	OpenRoads Designer	PDH Credits : 1
1:30 - 2:30	** MicroStation - GeoSpatial 101	Bentley	Unlock the full potention of your MicroStation DGN files with Geospatial data. Why is geospatial context critical, and who stands to benefit from it most. Join us to answer those questionsand discover the latest technological capabilities and advanced Geospatial workflows newly introduced MicroStation 2026.	Intermediate - Expert	MicroStation 2026	PSM CE Credits : 1
1:30 - 2:30	Utility Coordination/Conflict Solutions: Utility Work Schedules: The Most Misunderstood Document in Project Delivery	Bentley Group, Inc.	Utility Work Schedules are frequently treated as simple scheduling documents, yet they often contain critical project delivery assumptions, sequencing requirements, utility dependencies, and construction constraints. This session examines the most misunderstood aspects of Utility Work Schedules and explains how design changes, MOT modifications, utility dependencies, delivery method changes, and project evolution can significantly affect schedule reliability and, ultimately, project delivery. Using real-world project examples, attendees will learn how to evaluate Utility Work Schedules as project delivery tools rather than activity charts and how to identify hidden risks before they impact project delivery, construction, and utility coordination efforts.	Novice - Expert	Utility Coordination / Conflict Soutions	PDH Credits : N/A
1:30 - 2:30	Landscape Architecture Workflows with OpenBuilding Designer	Bentley	This session will introduce Landscape Architecture workflows using OpenBuildings Designer which can be applied to FDOT plans. Topics will include: Existing Context Workflows Capture Existing Site Conditions: Point Clouds, Reality Mesh Models Working with Civil Models and components from OpenSite, OpenRoads, and other file formats such as LandXML and Civil3D Geo-Referencing Site/Civil Models into OpenBuildings Designer Landscape Content Workflows Best Practices to extend the delivered Datasets for Landscape content such as the DGNlib Levels, Family/Parts, and DataGroup Catalog Items Placing Site Objects such Trees, Bushes, Site Furniture, Site Fixtures, Site Equipment and Parametric Fencing and Railings Best Practices for creating or importing Site objects from other formats (RFA, OBJ, SketchUp, etc.) Placing and creating Hardscape components and parametric assemblies such as Retaining Walls, Slabs, Curbs, Planters, Steps, and Irrigation. Creating structures and enclosures such as Gazebos, Decking, Pergolas, Arbors, Performance Stages, and Waste/Recycling stations, etc. Deliverables and Output Workflows Shadow and Solar Exposure Studies Renderings with embedded Bentley Vue (Photorealistic & NPR Non-Photo Realistic) Immersive Digital Nature with LumenRT Presentation and Construction Drawings: Site Plans, Site Sections, Site Elevations, with Automatic Annotations Easily Customize Reports and Schedules	Novice - Expert	OpenBuildings Designer	PDH Credits : N/A
2:45 - 3:45	OpenRoads - File Federation and Optimizing the Corridor	Bentley	Although processes will vary for each organization, project, and even discipline, the principles of file management remain the same. This presentation is geared towards guiding users towards the best practice for their organization, project, or discipline when it comes to federating files. The presentation will also cover several tips and tricks that can be leveraged to develop a modeling approach that best suits the project and deliverables.	Novice - Expert	OpenRoads Designer	PDH Credits : N/A
2:45 - 3:45	* OpenRoads - Cross Sections Annotation	Bentley	Learn about cross section annotation automation and setup in OpenRoads Designer.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1
2:45 - 3:45	* OpenRoads - Annotating Drainage and Utilities	Bentley	Have you ever needed to annotate a drainage or utility feature but wasn't sure how? This presentation will cover the process of creating annotations of drainage and utility features in: Plan, profile, and cross section views. The tools discussed will include, but are not limited to, creating named boundaries, annotation labels, civil labels, and text favorites to meet your client's needs.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1

2:45 - 3:45	MicroStation - MicroScope, Under the Hood	Bentley	MicroScope is one of the most overlooked yet powerful diagnostic applets available to MicroStation users. In this session, we'll go under the hood to explore how MicroScope reveals the inner workings of MicroStation—command data, cursor events, dialog interactions, Change Track Actions, model operations, reference activity, and more. Attendees will learn how to use MicroScope to: - Inspect the command queue to discover the “key in behind the button” - Capture cursor and datapoint details for precision scripting - Observe Change Track Actions to understand file level operations - Monitor dialog events, model events, level changes, and reference activity - Review active settings, design file metadata, and application state in real time - Generate reliable information for batch processor scripts, custom tools, and automation workflows. We'll walk through the MicroScope UI—including the primary form and the MicroScope Info panel—and demonstrate how to interpret event history, element details, and active configuration data. Whether you're building custom command buttons, automating repetitive tasks, or simply trying to understand what MicroStation is doing behind the scenes, MicroScope gives you visibility you've never had before. This session equips you with the knowledge to use it confidently and effectively.	Novice - Expert	MicroStation 2026	PDH Credits : N/A
2:45 - 3:45	* OpenRoads - Using ORD to Identify and Manage Utility Clashes in Transportation Projects (Part 1)	Bentley	This presentation demonstrates what a 3D model-based workflow may look like for the average DOT using the 3D modeling and analysis workflows inside OpenRoads Designer Drainage and Utilities to help identify and manage utility conflicts on transportation projects. Below are the main topics covered throughout the presentation: How to import drainage/utility data using ModelBuilderHow to create 3D drainage/utility model from CAD graphics or survey How to use the utility conflict detection tool How custom properties (UDX and/or Item Types) can be used to document and manage utility conflict status How to leverage the default and custom utility properties for reporting and data retention purposes	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1
2:45 - 3:45	* OpenRoads - Roundabout Modeling Part 1	Bentley	Modeling roundabouts is remarkably more complicated than a traditional intersection as the geometries and components that make up the roundabout are often unique. This presentation is part of a two-part series that will undoubtedly increase your knowledge of the different geometry and modeling tools available in OpenRoads, as well as how you can plan for the inevitable changes every project faces once the model is “complete”.	Intermediate - Expert	Intermediate - Expert	PDH Credits : 1
4:15 - 5:15	A Smooth Surface: Creating and Managing Surfaces for Digital Deliverables	RS&H	Building Information Modeling introduces the concepts of Level of Accuracy and Level of Development as considerations into scoping a design project. When the desired Level of Development is high enough to be designed completely in 3D, contractors and inspectors need to be able to see a model consistent with what designers created. The LandXML file format, often used by contractors and CEIs for earthwork or pavement surfaces, creates several technical challenges for roadway designers. These surfaces are used for bidding and estimation, Automated Machine Guidance, and verification of construction quantities; therefore, creating them to be consistent with the design intent and Level of Development is important to avoid issues in construction. These surfaces are also sometimes signed and sealed as part of FDOT's Model as a Legal Document requirement, so having consistent 3D BIM deliverables becomes particularly important to increase the Engineer of Record's confidence in the product they are signing and sealing. This consistency also enables digital design review of the earthwork or other terrain models to be performed easily in non-CADD software such as Trimble or Topcon. This presentation will discuss the various surfaces that might be created in the design process, such as existing subgrade, proposed finish grade, proposed subgrade, unsuitable material, subsoil excavation, surcharge, or milling. What part do Level of Accuracy and Level of Development play in determining the quality and needs for these surfaces? What workflows and techniques help designers go from corridor models (templates or assemblies) to terrains as efficiently and consistently as possible? There are certain unique challenges posed with unsuitable material and subsoil excavation terrains, so we will discuss best practices for shifting from a cross sectional approach to designating unsuitable material removal to modeling this in 3D to ultimately become a surface that can be used in earthwork calculations. Also, learn how Bentley Infrastructure Cloud can facilitate QC reviews of the 3D models.	Novice - Expert	3D Models - Deliverables	PDH Credits : N/A
4:15 - 5:15	* OpenRoads - Creating Staged Cross Sections	Bentley	Discussion of need for staged cross sections, best practices and methods to achieve desired results.	Novice - Expert	OpenRoads Designer	PDH Credits : 1

4:15 - 5:15	Construction Roadway Volume Verification for FDOT	Sitech	Discussion of need for staged cross-sections, best practices and methods to achieve desired results	Novice - Expert	Trimble	PDH Credits : N/A
4:15 - 5:15	MicroStation - Creating Tables and Reports	Bentley	In this MicroStation session, learn how to reduce error and improve accuracy by quantifying item types, edit items, use existing picklists, create various reports, spreadsheets and tables in the design. Find out how to edit existing tables and to add useful functions like table breaks, and much more.	Novice - Expert	MicroStation 2026	PDH Credits : N/A
4:15 - 5:15	* OpenRoads - Using ORD to Identify and Manage Utility Clashes in Transportation Projects (Part 2)	Bentley	This two-part session explores how transportation teams can use OpenRoads Designer to reduce utility-related risk throughout the project lifecycle. Part One covers utility coordination fundamentals, SUE quality levels, and methods for creating and refining existing utility models from survey and GIS data. Part Two begins with conflict detection, then addresses model attribution, utility relocations, iterative conflict management, field verification, and interoperability among OpenRoads Designer, SYNCHRO, ProjectWise, and Design Review. Attendees will gain a practical understanding of how Open Roads Designer can be leveraged from initial utility identification through coordinated conflict resolution.	Novice - Expert	OpenRoads Designer	PDH Credits : 1
4:15 - 5:15	* OpenRoads - Roundabout Modeling Part 2	Bentley	Continued from Part 1, modeling roundabouts is remarkably more complicated than a traditional intersection as the geometries and components that make up the roundabout are often unique. This presentation is part of a two-part series that will undoubtedly increase your knowledge of the different geometry and modeling tools available in OpenRoads, as well as how you can plan for the inevitable changes every project faces once the model is “complete”.	Intermediate - Expert	Intermediate - Expert	PDH Credits : 1
			WEDNESDAY WORKSHOP			
9:45 - 12:00	W-1-SC I Calculate Material Costs & Quantities with Bluebeam Revu	DDS CAD	This hands-on workshop focusses on quantity takeoffs, cost analysis, and measurements with Bluebeam Revu. We'll create custom material libraries with different costs per foot, square feet, and cubic feet, along with clean summary reports.	Novice - Expert	Bluebeam Revu	PDH Credits: N/A
9:45 - 5:15	* W-1-SC II OpenRoads - Roundabout Modeling	Bentley	This course teaches tools and techniques that can be used to model a roundabout. The first part will focus on utilizing the Horizontal and Vertical Geometry tools to create 2D and 3D geometric elements in a dynamic way, which will reduce the amount of re-work necessary if there are design changes. The second part will focus on creating a detailed 3d Model by applying Linear Templates and Surface Templates.	Intermediate - Expert	OpenRoads Designer	PDH Credits: 5
9:45 - 12:00	* W-1-SH OpenRoads -Defining Template End Conditions	Bentley	This hands-on training teaches how to create and make template end conditions. This training focuses on the side slopes connecting the template hinge to the tie down point. You will learn how to create end conditions with multiple cut and fill slope solutions, cut slopes with a ditch adjacent to the hinge, walls, and forced right-of-way solutions.	Intermediate - Expert	OpenRoads Designer	PDH Credits: 2
1:30 - 5:15	* W-2-SC I OpenBridge - Plans Production with OpenBridge Modeler	Bentley	Drawing, sheet models, section callouts, annotation scales, dynamic views, display styles are some of the features that we will review during this workshop so we can produce plans directly from the 3D model.	Intermediate - Expert	OpenBridge Modeler	PDH Credits: 3
1:30 - 5:15	* W-2-SH OpenRoads - Introduction to Drainage Layout and Hydraulics	Bentley	This course was previously called Inlet and Pipe Layout - Analysis and Design. In this course we cover creating and designing a highway drainage system consisting of Inlets, Manholes, Outlets, Pipes, and Drainage Areas. Topics covered include placing drainage structures, placing drainage areas, placing drainage pipes and computing flows through the system. We will also cover creating profiles of the system	Intermediate - Expert	OpenRoads Designer	PDH Credits: 3
9:45 - 5:15	* W-1-H FDOTConnect 2024 - Roadway Design 3D Modeling	ACEC-FDOT	This hands-on workshop introduces participants to the core 3D modeling workflows in FDOTConnect 2024. Attendees will learn how to create and edit templates, build basic corridor models, apply superelevation, and produce detailed 3D models for roadway projects. The session also covers essential visualization tools to help designers review, verify, and communicate project intent. Through guided exercises, participants gain practical experience creating accurate, FDOT standard 3D roadway models from start to finish.	Intermediate - Expert	FDOTConnect 2024 - OpenRoads Designer	PDH Credits: 5

THURSDAY OCTOBER 15th SESSIONS

Time	Title	Speaker	Description	Level	Software	PDH/PSM Credits
8:30 - 9:30	* * * Introduction to OpenRoads Designer	Bentley	Dedicated to beginner users, this session is an introduction to OpenRoads Designer capabilities. Learn how to leverage the tools in OpenRoads Designer to create comprehensive detailed design and documentation for roadway projects including surveying, drainage, subsurface utilities and visualization in one application.	Novice - Expert	OpenRoads Designer	PDH Credits : 1 PSM CE Credits : 1
8:30 - 9:30	FDOT - FDOTConnect 2026 - General Workspace Setup Configuration and Troubleshooting What's New! (Repeat)	FDOT	This session is an in-depth dive into the process of setting up, configuring and troubleshooting the FDOTConnect 2026 workspace. This session will help the attendee to understand how the software is installed and what to do when things don't go as planned.	Intermediate - Expert	FDOTConnect 2026	PDH Credits : N/A
8:30 - 9:30	Utility Coordination/Conflict Solutions: Mitigating conflict with multiple utilities on large civil projects	Badger	This presentation will include guidance to help mitigate multiple utility conflicts on your large civil projects.	Novice - Expert	Utility Coordination / Conflict Solutions	PDH Credits : N/A
8:30 - 9:30	* Clearance and Clash Detection Workflows in OpenBridge Modeler	Bentley	This presentation demonstrates what a 3D model-based workflow may look like for the average DOT using the 3D modeling workflows inside OpenBridge Modeler to aid in performing horizontal and vertical clearance checks in addition to clash detection for transportation projects. Primary topics include: How to best check vertical clearances between an OBM model and an existing terrain model; how to calculate minimum clearances between an OBM model and a corridor below; how to check vertical clearances between two bridge models; how to check horizontal and vertical clearances for rail projects; how to check for soft or hard clashes between the bridge model and utilities.	Novice - Expert	OpenBridge Modeler	PDH Credits : 1
8:30 - 9:30	Introduction to ProjectWise Managed Workspace	Bentley	Learn about the importance of workspaces and how ProjectWise Managed Workspaces can assist with quality control of standards used in your projects. This session will aid in the understanding the groundwork for the FDOT managed workspace.	Novice - Expert	ProjectWise	PDH Credits : N/A
8:30 - 9:30	SYNCHRO Construction Solution	Bentley	In this SYNCHRO presentation, attendees will see an overview of the SYNCHRO portfolio, uses, and capabilities.	Novice - Expert	SYNCHRO	PDH Credits : N/A
9:45 - 10:45	Leveraging the 3D Model for Alternative Interchange Analysis	Ardurra	This session will look at how leveraging 3D models from ORD and OBM allowed the Design/Construction/Department groups to iterate interchange alternatives during the "Accelerated Innovation and Collaboration" AIC phase of the I-95 at US 1 project . The session will cover strategies to include 3D roadway/drainage/bridges/aesthetic walls/signing and signals to create a Project Model to gain concurrence on the interchange design changes. Ultimately, those 3D elements built in ORD/OBM were exported to CADD agnostic visualization software (Civil Engine) where the session will cover best practices for how to integrate Bentley Products with the visualization platform.	Novice - Expert	OpenRoads Designer	PDH Credits : N/A
9:45 - 10:45	* OpenRoads - Item Type Fundamentals – Part 1	Bentley	In this session you will learn about the fundamentals of using Item Types in OpenRoads Designer. Topics include: Item Type Properties, Pick Lists, Custom Property Types, Calculated Properties, Expression Builder, Lookup Expression	Novice - Intermediate	OpenRoads Designer	PDH Credits : 1
9:45 - 10:45	Utility Coordination/Conflict Solutions: Mitigating utilities for mast arm and lighting structure conflicts	Badger	This presentation will discuss Mast arm utility clearance excavation and lighting structure conflicts.	Novice - Expert	Utility Coordination / Conflict Solutions	PDH Credits : N/A
9:45 - 10:45	Creating Tables and Reports for OpenBridge Users	Bentley	In this OBM session, learn how to reduce error and improve accuracy by quantifying item types, edit items, use existing picklists, create various reports, spreadsheets and tables in the design. Find out how to edit existing tables and to add useful functions like table breaks, and much more.	Novice - Expert	OpenBridge Modeler	PDH Credits : N/A
9:45 - 10:45	FDOT - FDOTConnect 2026 - ProjectWise Managed Workspace - It's all about the CDE	FDOT / Bentley	The FDOT CADD Office has made several ProjectWise compatibility enhancements to accommodate corporate managed workspace configuration for the FDOTConnect 2026 release. This session will discuss the steps necessary to get it working in your environment.	Novice - Expert	FDOTConnect 2026 - ProjectWise	PDH Credits : N/A
9:45 - 10:45	Interrogating an iModel in SYNCHRO	Bentley	Tools such as Data Visualization, Civil Tools, and Clash Detection allow users to search, locate, and interrogate the model data in order to visualize and understand the project with more information available than traditional plans.	Novice - Expert	SYNCHRO	PDH Credits : N/A
11:00 - 12:00	* OpenRoads - All about creating Drainage Features	Bentley	In this session you will learn what you need and how do you create drainage features in OpenRoads Designer.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1
11:00 - 12:00	* OpenRoads - Item Type Fundamentals – Part 2	Bentley	In this session, we will focus on how to use Item Types with civil data and show how you can leverage Item Types for quantities and reporting. Topics include: Item Types with Feature Definitions, Single Source of Truth, Propagation, Prioritization, Conflict Resolution, Asset Manager, Annotation and Labeling, Display Styles and Display Rules, Items Browser, Reporting.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1
11:00 - 12:00	* FDOT Quantities in OpenRoads Designer	3D Highway Engineering	In this session, we will demonstrate the proper use of FDOT quantities and best practices for reducing errors and omissions in FDOT projects.	Novice - Expert	OpenRoads Designer	PDH Credits : 1

11:00 - 12:00	What's new in Civil 3D 2027	DDS CAD	What's new Autodesk Civil 3D 2027: In this sessions new features and capabilities will be covered, that will transform the way you design, collaborate, and deliver infrastructure projects. Covered topics: Autodesk Assistant Tech Preview, Forma Data Management Essentials, Horizontal Regression Analysis, Daylight Feature Line Tech Preview , and Drainage Design Enhancements.	Novice - Expert	Civil 3D	PDH Credits : N/A
11:00 - 12:00	What's new in ProjectWise and what's ProjectWise Cloud?	Bentley	In this session we will highlight ProjectWise and the ProjectWise cloud to see what benefits there are to implementing this latest version.	Novice - Expert	ProjectWise	PDH Credits : N/A
11:00 - 12:00	* Creating a Construction Model in SYNCHRO	Bentley	Not all models are ready for construction. Construction teams have needs for the model that are usually not addressed. Modeler allows organizations the ability to turn a design model into a construction model for QTO, improved sequencing and adding detailed WBS to the components. This allows for accurate model-based bids, more efficient scheduling, and detailed analysis of the work needed to complete the project.	Novice - Expert	SYNCHRO	PDH Credits : 1
1:30 - 2:30	* OpenRoads - Creating Drainage Reports	Bentley	This presentation will provide a practical overview of creating drainage and utilities reports in OpenRoads Designer. We'll explore how to use native reporting tools, such as flex tables, to organize and review project data efficiently. The session will also demonstrate ways to leverage item types for customizing report output and exporting data, making it straightforward to generate formatted tables in Excel. Finally, we'll cover how to place these tables directly into your ORD design files. The focus will be on step-by-step guidance and useful tips to help streamline your reporting workflow in OpenRoads Designer.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1
1:30 - 2:30	* FDOT - FDOTConnect 2026 - Automated Quantities Troubleshooting and Custom Pay Items - Deep Dive where it counts! (Repeat)	KCA / FDOT	This session will provide an in-depth look at utilizing native Bentley OpenRoads Designer (ORD) and FDOT workspace tools to visualize, troubleshoot, and customize pay item data for quantity reporting. Attendees will also learn about recent tool enhancements and benefit from practical tips and best practices.	Novice - Expert	FDOTConnect 2026	PDH Credits : 1
1:30 - 2:30	* OpenRoads - Best Practices for Civil Cells	Bentley	Civil cells allow for the rapid placement of geometry & 3D modeling that can be quickly modified to match project/site specific criteria. The development of the civil cells plays a large role in the flexibility of the cell. This presentation will share best practices to follow, as well as limitations you may encounter when developing civil cells.	Novice - Expert	OpenRoads Designer	PDH Credits : 1
1:30 - 2:30	FDOT - FDOTConnect 2026 - OpenBridge Modeler Updates	AtkinsRealis / FDOT	This sessions will highlight what's new for OpenBridge Modeler in FDOTConnect 2026.	Novice - Expert	FDOTConnect 2026	PDH Credits : N/A
1:30 - 2:30	Tips & Tricks for ProjectWise Users	Bentley	Learn more about the benefits of a ProjectWise deployment to assist you in enforcing corporate standards while producing timely deliverables for your customers.	Novice - Expert	ProjectWise	PDH Credits : N/A
1:30 - 2:30	* SYNCHRO Data Collection and Communication - Connecting to OpenRoads Designer	Bentley	Forms are used to collect project data and streamline communications with specific intent. Allowing decision-makers to quickly access the information and data in a single system to improve turn-around on decisions. Whether using out-of-the-box forms or configured forms and workflows. Field personnel have the ability to quickly communicate with Project and design teams. In addition, connecting ProjectWise and SYNCHRO allows these forms to be accessed directly in Bentley design applications such as MicroStation and OpenRoads designer.	Intermediate - Expert	SYNCHRO	PDH Credits : 1
2:45 - 3:45	MicroStation -Tips & Tricks, The Game Show Version	Bentley	In this highly interactive session you will learn the best tips and tricks gathered from our instructors and support colleagues. These tips and tricks cover a variety of topics in MicroStation.	Novice - Expert	MicroStation 2026	PDH Credits : N/A
2:45 - 3:45	* OpenRoads - Making the Model More Visual using the OpenRoads WorkSpace	Bentley	Learn how to increase the visual impact of your models with minimal effort using the OpenRoads Designer workspace. Create models using realistic materials, pavement markings, guardrail, barriers, fences, traffic control and more.	Novice - Expert	OpenRoads Designer	PDH Credits : 1
2:45 - 3:45	** OpenRoads Survey-All things Terrain	EnvisionCAD	Discover the full potential of terrain modeling in OpenRoads Designer during this live demonstration. Learn to create terrain models using the edge method, evaluate contours and triangles, report crossing features, and efficiently edit terrain models. Dive into advanced topics, including integrating 3SM Reality Mesh for enhanced data collection. If time permits, we'll explore creating the POD and terrain model and managing "One Fieldbook, Two Terrains."This session equips you with practical tools to optimize your survey terrain workflows.	Novice - Expert	OpenRoads Designer	PSM CE Credits : 1
2:45 - 3:45	** LIDAR processing for Point Clouds and Surface Creation	Trimble	This session will provides a workflow for processing LIDAR point cloud data in Trimble Business Center, including point cloud calssification, cleanup, feature extraction and the creation of accurate digital terrain models and design-ready surfaces	Novice - Expert	Trimble TBC	PSM CE Credits: 1

2:45 - 3:45	Getting Started On Bentley Infrastructure Cloud	Bentley	Bentley Infrastructure Cloud brings teams, projects, and asset data together in collaborative and managed environments, allowing you to design, build, and operate sustainable infrastructure. Join us for this info-packed session where we will walk you through the evolution of Bentley Infrastructure Cloud, demonstrate the upgrade path for legacy cloud projects, and reveal best practices for cloud project management	Novice - Expert	Bentley Infrastructure Cloud	PDH Credits : N/A
2:45 - 3:45	* SYNCHRO 4D Models	Bentley	See how tying construction sequencing to a 3D model enhances communication, planning, and construction processes. 4D modeling allows users to visualize the construction process, virtually analyze sequencing in order to expose potential risks and issues prior to beginning the project. Thereby reducing risk, improving safety, and completing projects efficiently.	Intermediate - Expert	SYNCHRO	PDH Credits : 1
4:15 - 5:15	MicroStation -Tips & Tricks, The Game Show Version (Con't)	Bentley	In this highly interactive session you will learn the best tips and tricks gathered from our instructors and support colleagues. These tips and tricks cover a variety of topics in MicroStation.	Novice - Expert	MicroStation 2026	PDH Credits : N/A
4:15 - 5:15	* OpenRoads - Design and Model ADA Ramps	Bentley	Discover how OpenRoads Designer allows you to analyze, design, and model curb ramps. In this session, we will discuss how OpenRoads Designer can be used to evaluate existing curb ramps for regulatory compliance as well as streamlining the design of ramps to meet legal requirements.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1
4:15 - 5:15	*** OpenRoads - Typical Overlay evaluation workflow using ORD	EnvisionCAD	This session discusses several tools to evaluate existing conditions for projects programmed for resurfacing including corrections to horizontal and vertical alignments, Survey and Terrain evaluation, Cross Slope and Overlay Evaluation templates, Superelevation correction, cross slope reports, and vertical profile adjustments to minimize milling and overlay.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1 PSM CE Credits : 1
4:15 - 5:15	Model-First Delivery for Bridges: A Practical Business Case for Structural Digital Delivery	RS&H	While roadway design has largely transitioned to 3D and model-based workflows, structural design often remains rooted in traditional 2D processes. This disconnect limits coordination, reduces efficiency, and constrains the long-term value of project data across the infrastructure lifecycle. This presentation challenges the assumption that structural modeling is only valuable when explicitly required by clients. Instead, it presents a practical, experience-based case for adopting a model-centric (model-first) approach to bridge and structural design regardless of contractual requirements. Drawing from real-world project examples, the session demonstrates how 3D modeling of structures can: - Improve production efficiency and reduce design iteration time - Streamline quantity development and reporting - Enhance interdisciplinary coordination between roadway, drainage, and structural teams - Support more effective pre-construction planning and clash detection - Provide a foundation for downstream uses, including construction and asset management The presentation also explores common barriers to adoption such as perceived effort, client expectations, and workflow limitations, and provides practical strategies for integrating structural modeling into existing project delivery processes. Rather than focusing solely on tools or modeling techniques, this session emphasizes repeatable, project-level outcomes and highlights how model-centric structural workflows enable teams to deliver more consistent, coordinated, and future-ready infrastructure projects.	Novice - Expert	OpenBridge Modeler	PDH Credits : N/A
4:15 - 5:15	Bentley Infrastructure Cloud Design Review Overview and Best Practices	Bentley	This sessions will review Bentley Infrastructure Cloud's Design Review. Design Review is a cloud-based design review and collaboration tool. It enables users to securely share large, complex models, regardless of the authoring applications with the entire project team. Project managers, reviewers, site workers, and inspectors can view designs, perform virtual walkthroughs, query model information, and analyze embedded property data using a web browser. The streamlined interface and web-based model viewing make reviewing 2D and 3D models easier and more accessible than ever.	Novice - Expert	Bentley Infrastructure Cloud	PDH Credits : N/A

4:15 - 5:15	* ** Reality Modeling - Cesium ION Overview and Digital Cities Solution	Bentley	Cesium ION Overview: Discover the power of Cesium ION in this one-hour session designed for GIS professionals, developers, and 3D visualization enthusiasts. Learn how to upload, tile, and stream high-performance 3D geospatial data—including point clouds, photogrammetry, and BIM models—directly to the web. The presentation will cover Cesium ION's core features, integration with Cesium JS, and real-world applications across industries like urban planning and construction. Attendees will gain practical insights, best practices, and inspiration to elevate their 3D geospatial projects. Digital Cities Solution: Bentley Systems offers a transformative solution for cities and urban infrastructure through its advanced digital twin technology and infrastructure engineering software. By connecting the physical and digital worlds, Bentley empowers city planners, engineers, and stakeholders to visualize, analyze, and manage urban assets in real time. Its AI-powered digital twins enable immersive planning, streamlined operations, and data-driven decision-making across the entire infrastructure lifecycle—from design and construction to maintenance and modernization. With integrated platforms like the Bentley Infrastructure Cloud and iTwin technology, cities can enhance public safety, optimize energy efficiency, improve mobility, and foster transparency through open data initiatives. Bentley's solutions are designed to build resilient, sustainable, and future-ready urban environments that elevate the quality of life for citizens	Novice - Expert	Bentley Reality Modeling	PDH Credits : 1 PSM CE Credits : 1
			THURSDAY WORKSHOP			
8:30 - 10:45	* TH-1-SC I OpenRoads -Quantities and Earthwork	Bentley	In this course, you will learn various tools and methods to compute quantities and earthwork from the corridor model. You will learn how to assign unit costs and generate an estimated cost report for your project using the Component Quantities and Element Component Quantities tools. We will take a look at how to generate cut and fill volume reports from single corridor models as well as multiple corridor models. You will also learn how Named Boundaries and the Quantities Report by Named Boundary tool can be used to separate quantities in the corridor model. And lastly, you will learn how to create an End Area Volume Report and Mass Haul Diagram.	Intermediate - Expert	OpenRoads Designer	PDH Credits: 2
8:30 - 10:45	* TH-1-SC II OpenBridge - Template Creation	Bentley	This course teaches how to create templates for those situations that require more than simply modifying existing templates. This training focuses on creating a variety of OBM templates include: a new deck template, how to copy and modify the geometry of a deck template, a barrier template and a pier using column and footing templates.	Novice - Intermediate	OpenBridge Modeler	PDH Credits: 2
8:30 - 10:45	** TH-1-SH OpenRoads - Geometry for Surveyors	Bentley	In this module you will learn the basics of drawing geometry with the civil geometry tools. You will start by learning how to enter property information and create a subdivision parcel. You will then learn to create the centerline, edges of pavement and right of way geometry for the Subdivision Road. You will also learn how to place labels and annotate geometry.	Novice - Intermediate	OpenRoads Designer	PSM CE Credits: 2
11:00 - 2:30	TH-2-SC I Bentley AI - Prompting with Bentley Copilot and the Python Assistant	Bentley	This workshop explores how to leverage Bentley's AI-powered tools, Copolit and the Python Assistant, to streamline workflows and automate tasks within Bentley applications. Bentley Copolit is an in-product AI assistant that provides contextual help and guidance through natural language prompts, while the Python Assistant allows users to generate Python scripts for automation using simple text-based instructions.	Novice - Expert	MicroStation 2026	PDH Credits : N/A
11:00 - 2:30	* TH-2-SC II OpenBridge - Advanced Bridge Modeling Techniques with OBM	Bentley	Utilize some of the lesser known tools in OBM like Place Advanced Deck, Assign Superelevation tool, Place Custom Abutment, Place Wingwall, Place Excavation, and Place Path.	Intermediate - Expert	OpenBridge Modeler	PDH Credits: 2
11:00 - 2:30	** TH-2-SH OpenRoads - Regression for Surveyors	Bentley	The project that we are going to undertake in this course is to create a Geometric Horizontal Alignment that follows, as closely as possible, the existing Surveyed centerline of a road using the regression tools available in OpenRoads Designer. A vertical alignment will be generated that follows the existing road profile, using the Best Fit Profile tool.	Intermediate - Expert	OpenRoads Designer	PSM CE Credits: 2

2:45 - 5:15	* TH-3-SC I Civil 3D 2027 - Intersection, Roundabouts, and Cul-de-sacs Design	DDS CAD	Civil 3D - Intersection Design - Intersections (Part 1): This hands-on workshop covers using Civil 3D 2027 - Intersections Design commands. You'll design a crossing Intersection using Civil 3D's Create Intersection wizard. You'll also create connected alignments for an intersection and then create an intersection manually. Civil 3D - Roundabout and Cul-de-sacs Design (Part 2): This hands-on workshop. you'll design in Civil 3D 2027 Roundabout using the Create Roundabout command. You'll also create a Cul-de-sac at the end of an existing Corridor.	Intermediate - Expert	Civil 3D	PDH Credits: 2
2:45 - 5:15	* TH-3-SC II OpenRoads - Creating and Managing Utilities	Bentley	In this course, you will learn how to create existing utilities from graphics and how to detect utility conflicts.	Novice - Intermediate	OpenRoads Designer	PDH Credits: 2
2:45 - 5:15	** TH-3-SH OpenRoads - Right of Way Fundamentals	Bentley	The objective of this course is to teach tools and techniques that can be used for developing Right of Way Plans on roadway projects. In this course you will learn how to establish the existing right of way centerline, how to create the existing right of way lines and how to create an existing property parcel from record data. You will also learn how to create proposed right of way lines, a proposed parcel, and legal description. And lastly, you learn how to create right of way plan sheets and annotation.	Intermediate - Expert	OpenRoads Designer	PSM CE Credits: 2
8:30 - 5:15	*TH-1-H FDOTConnect 2024 - Drainage & Pond Design with 3D Modeling & Plans Development	ACEC-FDOT	This hands-on workshop provides a complete workflow for designing and modeling drainage systems and ponds in FDOTConnect 2024. The curriculum covers the creation of 2D plans, profiles, and cross sections alongside the development of 3D models required for mandatory construction deliverables. Participants will explore the iterative nature of drainage design, selecting network components, evaluating hydraulic performance against FDOT criteria, and adjusting the model as needed. Through guided exercises, attendees will learn how to integrate drainage features into 3D project models and produce coordinated, FDOT compliant plan sets.	Intermediate - Expert	FDOTConnect 2024 - OpenRoads Designer	PDH Credits: 6

FRIDAY OCTOBER 16th SESSIONS

Time	Title	Speaker	Description	Level	Software	PDH/PSM Credits
8:30 - 9:30	* OpenRoads - Templates Deconstructed	Bentley	In this session, you'll find out more about the template editor and structure so you can understand how to design better and more effective templates.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1
8:30 - 9:30	** "Dude, where is my Building" Have you ever referenced a BIM model into a Civil model, and it is floating out in Space?	Bentley	In this session we will explore OpenBuildings Designer workflows for delivering linear infrastructure projects using Geo-Referencing. First, we will review the significance of Geographic Coordinate Systems (GCS), and suitability of modeling within the designated solids working area in OpenBuildings Designer. OpenBuildings Designer Geo-Coordination Workflows: ■ Referencing Civil infrastructure survey model ■ Setting up transformed Geographic coordination system ■ Creating geo-coordinated seed file for Models and Drawings in OpenBuildings Designer ■ Referencing Building Master Model into Civil applications for coordination ■ Geo-referenced Models are a prerequisite for iTwin creation ■ Best practices for Geolocating Revit models for iTwins	Intermediate - Expert	OpenBuildings Designer	PSM CE Credits : 1
8:30 - 9:30	Wising up to ProjectWise: An Organizational Approach to Centrally Managed Custom Workspace Supplements in a ProjectWise Environment	RS&H	As transportation organizations expand their use of managed workspaces in ProjectWise, maintaining consistency across projects while supporting client-specific requirements remains a persistent challenge. Teams often face duplicated effort, inconsistent configurations, and difficulty scaling internally developed standards and tools across multiple projects. This session presents a practical, organization-level approach to centrally managing workspace resources within a ProjectWise environment. The presenters will walk through proven methods for structuring, deploying, and maintaining both client-specific, custom organization, and universal workspace resources that integrate seamlessly into managed workspaces for users. Drawing from real-world implementation experience, this session will demonstrate how centrally managed supplemental resources can improve consistency, reduce redundant effort, and streamline project startup and delivery across transportation programs. Attendees will gain insight into how organizations can better leverage their Common Data Environment to support scalable digital delivery workflows without compromising project flexibility. This is a technical deep-dive focused on actionable strategies, including workspace configuration, resource organization, and governance considerations that enable teams to standardize effectively while still accommodating project-specific needs.	Novice - Expert	ProjectWise	PDH Credits : N/A
8:30 - 9:30	** FDOT - FDOTConnect 2026 - Survey Workflows *NEW*	FDOT	The implementation of Open Roads Designer has changed the way FDOT Surveyors manage field survey data. This presentation will highlight the changes and outline the steps to using ORD for field survey data to design.	Novice - Expert	OpenRoads Designer	PSM CE Credits : 1
8:30 - 9:30	Tool Library Customizations with Bluebeam Revu Max	DDS CAD	Markup groups and templates can be shared and standardized on numerous devices. We'll customize each type of Markup and begin to create Tool Chests for specific jobs. We'll also combine multiple Markups into "Groups" while diving into the "Magic Convert/Duplicate" tools with Bluebeam Revu Max.	Novice - Expert	Bluebeam Revu Max	PDH Credits : N/A
8:30 - 9:30	* ** Introduction to OpenSite	Bentley	Dedicated to beginner users, this session is an introduction to OpenSite Designer capabilities. Discover how to use the comprehensive, preliminary, and detailed design and documentation for site projects. These include surveying, drainage, subsurface utilities, earthwork optimization and visualization in one application.	Novice - Expert	OpenSite Designer	PDH Credits : 1 PSM CE Credits : 1
9:45 - 10:45	OpenRoads - Creating Civil Sheet Seed Definitions	Bentley	Learn how to create and manage plan, profile, and cross section drawing sheet seeds in OpenRoads Designer. This session will cover the required resources, recommended settings, and key configuration options needed for successful sheet seed creation. Attendees will also learn how to rename and delete sheet seeds, modify default annotation groups, and apply best practices for maintaining consistent sheet production standards.	Novice - Expert	OpenRoads Designer	PDH Credits : N/A

9:45 - 10:45	iTwin Engage for Civil and Building Project	Bentley	Bentley's new iTwin Engage combines iTwin, Cesium, Unreal Engine, and open standards to help teams and communities experience infrastructure projects before they are built. Infrastructure design teams are producing more data than ever, including digital twins, BIM models, reality meshes, 4D schedules, and geospatial information. iTwin Engage helps transform that data into real-time visual experiences that improve stakeholder understanding, support better decisions, and make complex projects easier to communicate. Session Highlights • Enhance iTwin scenes from OpenBuildings, OpenRoads, OpenRail, and OpenBridge with 3D objects such as vehicles, construction equipment, people, vegetation, and geospatial context. • Use environmental settings, including weather and lighting, to create realistic and cinematic project presentations. • Create vivid visual content with timelines, annotations, transitions, camera views, and 3D path animations. • Reduce the time and cost of traditional visualization workflows by using built-in 3D assets, environmental effects, and rendering capabilities.	Novice - Expert	OpenBuildings Designer	PDH Credits : N/A
9:45 - 10:45	* ** OpenRoads - Understanding Terrain Models	Bentley	Learn about the tools and techniques for creating dynamic terrain models and best practices for managing multiple terrain models in this OpenRoads Designer session.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1 PSM CE Credits : 1
9:45 - 10:45	** FDOT - FDOTConnect 2026 - ROW Mapping Workflows *NEW*	FDOT	Moving To Open Roads Designer has created unique challenges for FDOT and the creation of R/W Maps. This presentation will present ideas to help navigate the changeover to ORD and hopefully mitigate some of the most frequently encountered challenges.	Novice - Expert	OpenRoads Designer	PSM CE Credits : 1
9:45 - 10:45	What's new in Civil 3D 2027 (Repeat)	DDS CAD	What's new Autodesk Civil 3D 2027: In this sessions new features and capabilities will be covered, that will transform the way you design, collaborate, and deliver infrastructure projects. Covered topics: Autodesk Assistant Tech Preview, Forma Data Management Essentials, Horizontal Regression Analysis, Daylight Feature Line Tech Preview , and Drainage Design Enhancements.	Novice - Expert	Civil 3D	PDH Credits : N/A
9:45 - 10:45	* ** Introduction to OpenSite+ CAD	Bentley	This session will cover Bentley's new AI-Powered Site Planning and Design Software for Commercial, Industrial, and Residential Projects. This software is being built specifically for site engineering and is AI-powered to help engineers work smarter, not harder. OpenSite+ bridges the gap between conventional practices and modern digital methodologies so you can embrace digital innovation without sacrificing familiarity. Design with the familiarity of 2D in a 3D model, Concept to Final design in one platform, Bentley Infrastructure Cloud compatibility, Digital delivery and digital twin ready.	Novice - Expert	OpenSite Designer	PDH Credits : 1 PSM CE Credits : 1
11:00 - 12:00	OpenRoads - Advanced Tips and Tricks for Sheet Seed Creation	Bentley	Learn practical techniques for troubleshooting common drawing sheet seed issues in OpenRoads Designer. Whether you need to update a sheet border, resolve cross sections that fall outside sheet boundaries, or diagnose other sheet generation problems, this session will walk through common causes, solutions, and best practices. Attendees will gain valuable tips and tricks to efficiently identify and correct issues that impact sheet creation and production workflows.	Intermediate - Expert	OpenRoads Designer	PDH Credits : N/A
11:00 - 12:00	* OpenRoads - Modeling Retaining Walls and Side Slopes	Bentley	Learn how OpenRoads Designer enhances your ability to model retaining walls. During this session, we will demonstrate practical examples showing how to use intelligent end conditions to include retaining walls along your projects. You will learn about the powerful capabilities that allow you to model walls and side slopes while adhering to engineering requirements. You will also discover how to extract useful data, such as profiles and quantities from the modeled walls and workflows to help you take advantage of modeling on your projects. Topics covered include: • Retaining wall and side slope templates • Creating retaining wall corridors and alignments • Displaying critical retaining wall features in profile • Creating retaining wall plan and profile sheets • Cut and fill wall modeling techniques • Abutment wall modeling techniques	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1

11:00 - 12:00	Add AI to Your Custom Program	Phocaz	Learn how to use the latest AI tools to help solve design and engineering problems. Maybe you have an idea for a new QA/QC plug-in. Or you need to scan thousands of legacy drawings for some part or detail but you only have PDFs. In this session we will present a framework for discovering available technologies and how you might approach solving this type of problem. We will walk through an example of how to do it. Oh, you don't know how to program? No worries. We will look at how Phocaz uses GitHub Copilot in their development process and provide example prompts to get you started. It's not as hard as you might think.	Intermediate - Expert	Artificial Intelligence (AI)	PDH Credits : N/A
11:00 - 12:00	** OpenRoads Survey - QuickStart for Survey	Bentley	This course is an introduction to the survey commands and tools. Learn how to create Field Books, import an ASCII file, edit data, use the decorations and view the terrain model.	Intermediate - Expert	OpenRoads Designer	PSM CE Credits : 1
11:00 - 12:00	Civil Design Review Validation & Analysis with Bentley Infrastructure Cloud	Bentley	Digital project delivery, what it means to you, and the opportunity it offers to radically improve project delivery. Learn about the latest functionality in Bentley Infrastructure Cloud and how it can help your organization take the next step in transforming the way you design and deliver projects.	Novice - Expert	Bentley Infrastructure Cloud	PDH Credits : N/A
11:00 - 12:00	Introduction to OpenRoads ConceptStation	Bentley	This session will offer users an introduction to OpenRoads ConceptStation capabilities. Discover how to create conceptual designs to evaluate more options, identify high-risk items, and minimize costs during the planning and pre-bid stage of your project, within hours and not weeks!	Novice - Expert	OpenRoads ConceptStation	PDH Credits : N/A
1:30 - 2:30	* LDM to Place Table Tool: Linking Excel Data in Plan Sheets	AtkinsRealis	This presentation will cover the ins and outs of Bentley's built-in Place Table tool for linking Excel data directly to tables in plan sheets. We'll explore the setup process, workflow, benefits, limitations, and common quirks so you can determine when and how to use it effectively. One of the biggest advantages over the current Linked Data Manager (LDM) workflow is that Place Table works natively with Excel files stored in ProjectWise, with no managed workspace configuration or ProjectWise Drive required.	Intermediate - Expert	Bentley - Linked DataBases	PDH Credits : 1
1:30 - 2:30	* OpenRoads- Drainage & Utilities - Tips and Tricks and new functionality added in recent releases	Bentley	In this session, Bentley drainage experts share useful tips, tricks and highlight some of the newer drainage & utilities tools that have been added to OpenRoads Designer over the past few releases.	Novice - Expert	OpenRoads Designer	PDH Credits : 1
1:30 - 2:30	MicroStation - Using Python to create a Script for a Real World Production Issue	Bentley	Every now and then, your MicroStation users throw you a standards issue that looks small until you open it up then it unfolds like a bad origami project. This session walks through one such real world moment faced by our very own FLUG president, where manual cleanup would have been more than a lost weekend. Instead of suffering, we teamed up and used MicroStation's Python tools—plus the Python AI assistant—to build a targeted fix. No Python expertise required. Just MicroStation knowledge, clear reasoning, and a willingness to iterate until the script behaved. This one hour lecture shows the entire process: how we framed the problem, guided the AI, refined the logic, and validated the results. You'll see how a messy dataset becomes a solvable puzzle, and how Python can act as a practical extension of your MicroStation expertise rather than a new language you have to learn. It's not hands on, not a coding class, and not a syntax bootcamp. It's a real case study in using modern tools to solve old fashioned production headaches—calmly (well maybe not), iteratively, and with a touch of humor (required).	Intermediate - Expert	MicroStation 2026	PDH Credits : N/A
1:30 - 2:30	** OpenRoads Survey - Editing Link Code Features	Bentley	In this course you will learn how to review and edit survey linear features by adjusting Link Codes and Field Codes. You will also learn how to annotate the features after they have been edited.	Intermediate - Expert	OpenRoads Designer	PSM CE Credits : 1
1:30 - 2:30	FDOT - Ask FDOT	FDOT	Bring your Questions!!!! The FDOT CADD office will host a Round Table in a casual environment to answer all your questions.	Novice - Expert	FDOT	PDH Credits : N/A
1:30 - 2:30	Trimble Business Center - Basic Models for Sites and Roads	Trimble	Introduction to Trimble Business Center (TBC) for Site creation and Road building. Importing Points, Building Surfaces, Calculating Volumes, Entering a Centerline and building a road template and surface	Novice - Expert	Trimble - TBC	PDH Credits : N/A
2:45 - 3:45	* OpenRoads - Civil Geometry - Tips and Best Practices	Bentley	Join Bentley experts as they share tips and best practices for creating and editing OpenRoads geometry.	Novice - Expert	OpenRoads Designer	PDH Credits : 1
2:45 - 3:45	MicroStation - Sheet Indexing 2.0 - Introduction to the dgnsi	Bentley	Understanding the new DGNsi workflow to improve sheet indexing and produce project deliverables quicker, in a manner where it fits your company's needs. This lecture will cover the automatic migration of the DGNWS sheet index to the new DGNsi format as well as cover how to setup and configure the sheet index at the project level.	Novice - Expert	MicroStation 2026	PDH Credits : N/A
2:45 - 3:45	* OpenRoads - Parametric Cell Creation	Bentley	In this session you will learn about parametric controls and creating basic parametric cells.	Intermediate - Expert	OpenRoads Designer	PDH Credits : 1

2:45 - 3:45	** OpenRoads Survey - Editing Survey Features Using Point Lists	Bentley	This course focuses on how to easily correct erroneous survey linework by converting the Linking Code survey features to Point List Features and then editing the features. We will focus on converting Linking Code Features to Point List Features and then editing the Point List Features.	Novice - Expert	OpenRoads Designer	PSM CE Credits : 1
2:45 - 3:45	Processing, uploading & managing reality data in iTwin Services	Bentley	Users can learn the basics of importing, processing and uploading reality data into Bentley iTwin Services. This session will also demonstrate how this data is then consumed across the different Bentley solutions within iTwin Services.	Novice - Expert	Bentley Reality Modeling	PDH Credits : N/A
2:45 - 3:45	Daily Design Twins to Transform Your Day *NEW*	VHB	Digital Twins are a welcome tool for engineers, project managers, owners, and contractors to build infrastructure, and easily the most disruptive change to infrastructure data since the PDF. Interacting with a digital twin has never been easier, better, or more helpful. Bentley's Infrastructure is an open-source platform that has enabled an entirely new and compelling experience for reviewing infrastructure projects and interacting with a team. Any person, with any computer, can access the full set of design data and experience the vision of the project like never before. Join Kyle Rosenmeyer from VHB as he walks through practical workflows to communicate, interrogate and visualize data, and perform a basic 3-way review. This presentation will feature live demonstrations with open Q&A, bring your curiosity and explore the world of digital twins. You will walk away with tips and tricks to get the best experience from using Infrastructure Cloud, and inspiration to take your project experience to a new level.	Novice - Expert	Digital Twins	PDH Credits : N/A
			FRIDAY WORKSHOP			
8:30 - 12:00	* F-1-SC I Modeling Rebar in 3D with OpenBridge Modeler/ProStructures	AtkinsRealis	This workshop will demonstrate how to model rebar in 3D on a typical bridge pier. We will cover footing, column and cap reinforcement	Intermediate - Expert	OpenBridge Modeler - ProStructures	PDH Credits: 3
8:30 - 10:45	* F-1-SC II Getting Started with iTwin Capture Manage & Extract for your Civil Projects	Bentley	Users can learn the basics of importing, processing and extracting some basic features from reality data. This workshop will also include the delivery of reality data into a user friendly viewer.	Novice - Intermediate	Bentley Reality Modeling / iTwin Capture	PDH Credits: 2
8:30 - 12:00	* F-1-SH OpenRoads - Intersection Design Part 1 - Horizontal and Vertical Geometry	Bentley	This course teaches tools and techniques that can be used to lay out a complex intersection. It will focus on the Horizontal and Vertical Geometry tools to create 2D and 3D geometric elements. In this course, you will be designing a complex intersection that includes turn lanes, median islands and turn lane islands. 2D horizontal geometry will be created using the Horizontal Geometry tools and Profiles and 3D elements will be created using the Vertical Geometry tools. The objective is to create a terrain model of the proposed pavement surface and analyze the proposed drainage contours.	Novice - Expert	OpenRoads Designer	PDH Credits : 3
11:00 - 3:45	* F-2-SC II OpenRoads - Creating and Manipulating the Corridor	Bentley	In this course, you will create a roadway corridor and then explore the many tools and techniques to edit and manipulate the corridor. We will take a look at how to add multiple templates drops along the corridor as you encounter intersections, driveways and turn lanes and how to edit and copy template drops in lieu of creating a new template. We will show how to make the corridor follow edge of pavement geometry using point controls and corridor references. You will learn how the secondary alignment tool aids in changing the direction of template processing as it applies to point controls and corridor reference elements. You will also learn how to use parametric constraints to override default template values for pavement depths, curb heights, shoulder slopes and ditch widths and how to use the clipping reference tool to clip out a portion of your corridor. We will take a look at how corridors interact with other corridors by learning how to use target aliasing to seek corridors. And finally we will show how to create end condition exceptions in areas that require a different type of end condition solution.	Intermediate - Expert	OpenRoads Designer	PDH Credits: 3
1:30 - 3:45	* F-2-SC I OpenRoads - Using and Editing Terrain Models	Bentley	In this course you will review terrain model feature display and learn how to create thematic height displays. You will also learn how to create terrain models by importing graphic elements, identify and fix terrain model problems, and combine multiple terrain models together.	Novice - Intermediate	OpenRoads Designer	PDH Credits: 2
1:30 - 3:45	* F-2-SH OpenRoads - Intersection Design Part 2 - 3D Model Detailing	Bentley	This course teaches tools and techniques that can be used to accurately model a complex intersection in 3D. In this course, you will learn how to: Use Linear Templates to create the curb, sidewalk and side slope grading along the edges of pavement and islands. Use Surface Templates to apply material thickness to the pavement surface and median islands. Create a Finished Grade Terrain Model using Graphical Filters. Export Finished Grade Terrain Model to LandXML format.	Intermediate - Expert	OpenRoads Designer	PDH Credits: 2

8:30 - 3:45	* F-1-H FDOTConnect 2024 - Automated Quantities and FDOT Digital Delivery Submissions	ACEC-FDOT	This hands-on workshop introduces participants to FDOTConnect 2024 tools for generating automated quantities and preparing complete digital delivery packages. Attendees will learn how to extract and validate model based quantities, create 3D deliverables for AMG workflows, organize required submission files to create the BIM.zip file, and complete the FDOT CADD Compliance Certification Checklist. The workshop also outlines how to prepare the BIM.zip and the EQR for revisions. Through guided exercises, participants gain confidence in producing reliable quantities and high quality digital submissions.	Intermediate - Expert	FDOTConnect 2024 - OpenRoads Designer	PDH Credits: 5