

2018 FLUG TRAINING FORUM Daily Overview

TUESDAY Oct. 23	7:00 - 8:00 <i>Sea Oats / Seagrapes</i>	Registration and Breakfast
	8:00 - 8:15 <i>Sea Oats</i>	Welcome with Opening Remarks
	8:30 - 5:15	General Sessions and Hands-On Workshops
WEDNESDAY Oct. 24	7:00 - 8:00 <i>Sea Oats / Seagrapes</i>	Registration and Breakfast
	8:00 - 8:15 <i>Sea Oats</i>	Welcome with Opening Remarks
	8:15 - 9:15 <i>Sea Oats</i>	Keynote: To be announced <i>You will not want to miss it!</i>
	9:45 - 5:15	General Sessions and Hands-On Workshops
THURSDAY Oct. 25	7:00 - 8:00 <i>Sea Oats / Seagrapes</i>	Registration and Breakfast
	8:00 - 8:15 <i>Sea Oats</i>	Welcome with Opening Remarks
	8:15 - 9:15 <i>Sea Oats</i>	Emerging Technologies: To be announced <i>By: To be announced</i>
	9:45 - 5:15	General Sessions and Hands-On Workshops
	6:30 - 8:30 Tiki Bar	<i>Evening Social: Refreshments Served!</i> <i>Presented by FLUG and Our Partners</i>
FRIDAY Oct. 26	7:00 - 8:00 <i>Sea Oats / Seagrapes</i>	Registration and Breakfast
	8:30 - 3:45	General Sessions and Hands-On Workshops

2018 FLUG TRAINING FORUM

General Registration Information

Name Badges: are required for entrance in to all Sessions, Workshops, Evening Social & Meals.

Guest Name Badges may be purchased at the FLUG Registration Table.

Workshop Sign-In: is required by all Attendees upon entering each workshop!

Attendees must Sign-In during each session or workshop applicable to receive credit.

Workshop Free Audit Seats will be available on a 1st Come, 1st Serve basis.

Professional Development Hours " * " indicates general sessions and workshops with PDH credits available.

(PDH Credits): offer one (1) Credit per one (1) Hour of class.

Attendees must Sign-In during each session or workshop applicable to receive credit.

Pick up Professional Credit Certificates at the FLUG Registration Table

FLUG Raffle Tickets: are sold at the FLUG Registration Table.

All FLUG Participants are eligible to participate

Door Prizes!!!: See the Registration Desk for the many opportunities to win

Visit our Supporting Partners and drop off ONE business card at each booth! Get your sheet Stamped!

FLUG Registration & Workshop Fees: Collected fees cover all costs of Sessions, Workshops, Meals, FLUG Give-a-ways & Evening Social Event during the FLUG Forum. All FLUG Participants present are eligible to participate. Please refer to FLUG Disclaimers.



2018 FLUG Training Forum
General Sessions and Hands-On Workshops
 Tuesday - Oct 23

	GENERAL SESSION	GENERAL SESSION	GENERAL SESSION	GENERAL SESSION	GENERAL SESSION	GENERAL SESSION	WORKSHOP	WORKSHOP	WORKSHOP	WORKSHOP
	OpenRoads Dunes I (40)	OpenBridge Seahorse (35)	FDOT Civil 3D Starfish (32)	MicroStation Sand Dollar (32)	General Sundial (20)	Open Exec. Boardroom (20)	FDOT (SS4) Horizon (30)	MicroStation CONNECT Dunes II (15)	OpenRoads CONNECT Sandcastle I (15)	Civil 3D OpenRoads CONNECT Sandcastle II (15)
8:30-9:30	Moving to OpenRoads Designer - Where to Start Bentley <i>Chuck Lawson</i>	*Modeling a prestressed concrete bridge with OBD/OBM Bentley <i>Alex Mabrich</i>	*Roadway Island Modeling with FDOTC3D FDOT <i>Mike Racca</i>	Introducing The MicroStation CONNECT Edition Bentley <i>Steve Rick</i>	Fly your Data Away Infrastructure Engineers <i>Oscar Castaneda, PE</i>	Open	CLOSED FOR SET UP	CLOSED FOR SET UP	CLOSED FOR SET UP	CLOSED FOR SET UP
15 Min	BREAK									
9:45-10:45	OpenRoads Best Practice - Civil Cells Bentley <i>Kevin Jackson</i>	*Modeling a steel bridge with OBD/OBM Bentley <i>Alex Mabrich</i>	FDOTC3D Code Set Styles FDOT <i>Mike Racca</i>	Displaying Aerial Imagery MicroStation CONNECT Edition Bentley <i>Steve Rick</i>	A Practical Approach to Precise Slopes - Grading Civil 3D and Beyond Geosyntec <i>Charles Turlington</i>	Open	* T-1-H FDOTSS4 2D Rule Based Roadway Design FDOT <i>T.Holt/C.Thorp/M.Sexton</i>	T-1-D2 Introduction to MicroStation CONNECT Edition Bentley <i>Dave Mayer</i>	* T-1-S1 Introduction to OpenRoads Designer for GEOPAK, InRoads, and MXROAD Users Bentley <i>Jimmy Prow</i>	* T-1-S2 Autodesk Civil 3D: Corridor Modeling-Road Design Fundamentals Applied Software <i>Ken Driscoll</i>
15 Min	BREAK									
11:00-12:00	*OpenRoads Best Practice - Making the Model More Visual Bentley <i>Kevin Jackson</i>	*Modeling a segmental bridge with OBD/OBM Bentley <i>Alex Mabrich</i>	Updates to FDOTC3D Automated Quantities FDOT <i>Randy Roberts</i>	Ground Extraction from Mesh or Point Cloud Bentley <i>Kurt Rasmussen</i>	"Under Pressure" Civil 3D Pressure Pipes David Douglas <i>Jason Panicaro</i>	Open				
1 1/2 Hr	LUNCH									
1:30-2:30	*OpenRoads Best Practice - Terrain Modeling Bentley <i>Ray Filipiak</i>	Plans production in OBD/OBM CONNECT Edition Bentley <i>Alex Mabrich</i>	Updates to FDOT C3D Signs Tool FDOT <i>Randy Roberts</i>	Managing Seed Files in MicroStation CONNECT Edition Bentley <i>Dave Mayer</i>	Moving from Revu 2017 to 2018" TSAadvet <i>Terry Cline</i>	Open		T-2-D2 Getting Started with 3D in MicroStation CONNECT Edition Bentley <i>Steve Rick</i>	* T-2-S1 QuickStart for OpenRoads Designer Corridor Modeling Bentley <i>Christiana Holmes</i>	* T-2-S2 Creating and Manipulating the Corridor Bentley <i>Kevin Jackson</i>
15 Min	BREAK									
2:45-3:45	*OpenRoads Best Practice - Geometry Bentley <i>Ray Filipiak</i>	Geometry and quantity reports in OBM Bentley <i>Alex Mabrich</i>	Updated FDM/GB Design Criteria for FDOTSS4 and FDOTC3D2018 FDOT <i>John-Mark Palacios</i>	The Ribbon: The New Face of the MicroStation CONNECT Edition Bentley <i>Dave Mayer</i>	"It Flows Down Hill" Designing Gravity Networks in Autodesk Civil 3D Advanced Solutions <i>Leo Lavayen</i>	Open				
30 Min	"Snack with the SUPPORT PARTNERS !"									
4:15-5:15	OpenRoads Best Practice - Project Management Bentley <i>Chuck Lawson</i>	Packaging your projects using I.models Bentley <i>Alex Mabrich</i>	*Earthwork Calculation Methods FDOT <i>John-Mark Palacios</i>	Customizing the Ribbon in the MicroStation CONNECT Edition Bentley <i>Dave Mayer</i>		Open				

Technology Hub Open - Come and Visit our Support Partners!

2018 FLUG Training Forum
General Sessions and Hands-On Workshops
 Wednesday - Oct 24

	GENERAL SESSION	GENERAL SESSION	GENERAL SESSION	GENERAL SESSION	GENERAL SESSION	GENERAL SESSION	WORKSHOP	WORKSHOP	WORKSHOP	WORKSHOP
	FDOT SS4	MicroStation	OpenRoads	Civil 3D	General	Revit	FDOT (SS4)	OpenRoads (SS4)	MicroStation CONNECT OpenBridge CONNECT	FDOT Civil 3D
	Dunes I (40)	Seahorse (35)	Starfish (32)	Sand Dollar (32)	Sundial (20)	Exec. Boardroom (20)	Horizon (30)	Dunes II (15)	Sandcastle I (15)	Sandcastle II (15)
9:45-10:45	FDOT directions for 3D Models in Planning, Design, Construction and Maintenance FDOT <i>Vern Danforth</i>	Reality Modeling Goes Mainstream: What's New and What's Next in ContextCapture, Modeling for Your Mobile Device Bentley <i>Kurt Rasmussen</i>	*4D Modeling for Roads with Bentley Schedule Simulation Bentley <i>Jimmie Prow</i>	What's New in 2018/2019 Civil 3D ProSoft <i>Shawn Herring</i>	Integrating LiDAR and Image data for Bridges, in the Bentley environment Certainty 3D <i>Mike Cook</i>	Revit 1 Advanced Solutions <i>TBD</i>	* W-1-H FDOTSS4 3D Roadway Modeling Bentley/FDOT <i>A. Griffiths/T. Holt/M.Sexton</i>	* W-1-D2 Intersection Modeling: Adding Elevations (3D) to 2D Geometry Bentley <i>Chuck Lawson</i>	W-1-S1 Importing DWG files in the MicroStation CONNECT Edition Bentley <i>Dave Mayer</i>	* W-1-S2 FDOTC3D Automated Quantities FDOT <i>Randy Roberts</i>
15 Min	BREAK									
11:00-12:00	FDOT CADD OFFICE Supported Platforms and FAQs FDOT <i>Matt Sexton</i>	*Reality Modeling for Transportation Projects Bentley <i>Kurt Rasmussen</i>	*Conceptualize and Communicate Your Road Design with OpenRoads ConceptStation Bentley <i>Ray Filipiak</i>	Civil 3D in a MicroStation World Infrastructure Engineers <i>Oscar Castaneda, PE</i>	BIM for Transportation and Transit Projects Bentley <i>Mark Enos</i>	Revit 2 Advanced Solutions <i>TBD</i>				
1 1/2 Hr	LUNCH									
1:30-2:30	* Existing Feature Modeling FDOT <i>Chris Thorp</i>	WorkSpaces and WorkSets in MicroStation CONNECT Edition Bentley <i>Steve Rick</i>	*Enhanced Engineering Model Attribution for OpenRoads Designer Bentley <i>Jimmie Prow</i>	Hydrology & Hydraulics in Civil 3D Applied Solutions <i>Ken Driscoll</i>	3D Deliverables for Automated Machine Guidance (AMG) FDOT <i>Todd Holt</i>	Revit 3 Advanced Solutions <i>TBD</i>		* W-2-D2 Intersection Modeling in OpenRoads Bentley <i>Kevin Jackson</i>	* W-2-S1 Modeling and Designing a PC Bridge with OpenBridge Modeler and Leap Bridge Concrete Bentley <i>Alex Mabrich</i>	* W-2-S2 FDOT RRR Design using Civil 3D FDOT <i>Mike Racca</i>
15 Min	BREAK									
2:45-3:45	* Cross Sections & More in FDOTSS4 FDOT <i>Chris Thorp/Todd Holt</i>	Creating WorkSpaces in MicroStation CONNECT Edition Bentley <i>Steve Rick</i>	*Site Modeling in OpenRoads Designer Bentley <i>Ray Filipiak</i>	Planes, Trains and Automobile with Vehicle Tracking – How to use Vehicle Tracking Applied Solutions <i>Ken Driscoll</i>	Value Engineering with Trimble Quantm & Business Center - HCE Trimble <i>Scott Bridges/Adrien Patane</i>	Revit 4 Advanced Solutions <i>TBD</i>				
30 Min	"Snack with the SUPPORT PARTNERS !"									
4:15-5:15	*Automated Quantities updates in FDOTSS4 FDOT <i>Kandi Daffin</i>	MicroStation CONNECT Edition - Ask the Instructor Bentley <i>Steve Rick</i>	*Modeling Techniques - Roundabouts Bentley <i>Jimmie Prow</i>	*Autodesk Civil 3D – Field to Finish Advanced Solutions <i>Leo Lavayen</i>	Project Management for 3D Engineered Models including Quality Control Checklist FDOT <i>Vern Danforth</i>	Revit 5 Advanced Solutions <i>TBD</i>				

Technology Hub Open - Come and visit our Support Partners!!

2018 FLUG Training Forum
General Sessions and Hands-On Workshops
 Thursday - Oct 25

	GENERAL SESSION	GENERAL SESSION	GENERAL SESSION	GENERAL SESSION	GENERAL SESSION	GENERAL SESSION	WORKSHOP	WORKSHOP	WORKSHOP	WORKSHOP
	Survey	MicroStation	Subsurface Utility	Civil3D/Drone/InfraWorks	General	AECOSim	Trimble MicroStation CONNECT	MicroStation (SS4) OpenRoads CONNECT	OpenRoads CONNECT OpenBridge CONNECT	Civil 3D
	Dunes I (40)	Seahorse (35)	Starfish (32)	Sand Dollar (32)	Sundial (20)	Exec. Boardroom (20)	Horizon (30)	Dunes II (15)	Sandcastle 1 (15)	Sandcastle II (15)
9:45-10:45	FDOTSS4 Design Survey Deliverables for 3D Modeling FDOT <i>John Hazlip</i>	Utilizing Drone and Aerial Photos Bentley <i>Kurt Rasmussen</i>	*Why you Should be Using Subsurface Utilities and How to Get There Bentley <i>Jimmie Prow</i>	*Autodesk Civil 3D - Tips, Tricks and Troubleshooting Advanced Solutions <i>Leo Lavayen</i>	TBD Bluebeam <i>TBD</i>	AECOSim Building Designer CONNECT Edition Update Bentley <i>Mark Enos</i>	TH-1-H Complete workflow from a CAD model to the GPS machine control system using Trimble software SITECH <i>Mike Eason</i>	TH-1-D2 Basic Workspace Development Bentley <i>Steve Rick</i>	* TH-1-S1 Creating Terrain from Lidar Data Bentley <i>Christiana Holmes</i>	TH-1-S2 Autodesk Civil 3D: Site Grading – Practical Ways To Grade Without Stress Applied Software <i>Ken Driscoll</i>
15 Min	BREAK									
11:00-12:00	FDOTSS4 Design Survey Complex Terrain Models for 3D Design FDOT <i>John Hazlip</i>	*Leveraging Reality Modeling in Civil Design Bentley <i>Kurt Rasmussen</i>	*Under the Surface with Subsurface Utilities Bentley <i>Ray Filipiak</i>	↓	Get Control Over Your CONNECT and V8i Reference Files! Axiom <i>Eiren Smith</i>	BIM for Owners: Easily Manage Spaces and Assets Bentley <i>Mark Enos</i>	↓	↓	↓	↓
1 1/2 Hr	LUNCH									
1:30-2:30	OpenRoads Designer Survey Update Bentley <i>Ray Filipiak</i>	Drawing with MicroStation for Civil Designers Bentley <i>Dave Mayer</i>	*Subsurface Utilities Drawing Production Bentley <i>Jimmie Prow</i>	From Flight to Finish – The latest in Drone Technology w/ 3DR site scan - FLIGHT Prosoft <i>Shawn Herring</i>	Integrating LIDAR and Image data for Analyzing ADA Ramps and other Features, in the Bentley Environment Certainty 3D <i>Mike Cook</i>	AECOSim: Building Spaces and Assets Bentley <i>Mark Enos</i>	* TH-2-H Reality Modeling - Integrating Acute 3D Models into your Workflow Bentley <i>Kurt Rasmussen</i>	* TH-2-D2 Creating and Manipulating the Corridor (Repeat) Bentley <i>Kevin Jackson</i>	* TH-2-S1 Modeling and Designing a Steel Bridge with OpenBridge Modeler and Leap Bridge Bentley <i>Alex Mabrich</i>	* TH-2-S2 Autodesk Civil 3D: Advanced Subassemblies – Using General & Conditionals Advanced Solutions <i>Leo Lavayen</i>
15 Min	BREAK									
2:45-3:45	Understanding Georeferenced Coordinate Systems and Point Cloud Tools Bentley <i>Christiana Holmes</i>	Manipulating and Modifying Elements for Civil Designers Bentley <i>Dave Mayer</i>	*Including Geotechnical Data in an OpenRoads Designer Model Bentley <i>Ray Filipiak</i>	From Flight to Finish – The latest in Drone Technology w/ 3DR site scan - FINISH Prosoft <i>Shawn Herring</i>	TBD Support Partner <i>TBD</i>	↓	↓	↓	↓	↓
30 Min	"Snack with the SUPPORT PARTNERS !"									
4:15-5:15	*Using Reality Models During Your Design Process Bentley <i>Chuck Lawson</i>	Controlling the Display of Designs for Civil Designers Bentley <i>Dave Mayer</i>	*Using Subsurface Utility Quality Control Tools to Ensure 100% Confidence Bentley <i>Jimmie Prow</i>	*InfraWorks 360 Roadway Design – Fasten Your Seatbelt Applied Software <i>Ken Driscoll</i>	TBD Support Partner <i>TBD</i>	BIM enlivened – AECOSim Building Designer & LumenRT Bentley <i>Mark Enos</i>	↓	↓	↓	↓

"Technology Hub Open - Come and visit our Sponsor and Support Partners!"

2018 FLUG Training Forum
General Sessions and Hands-On Workshops
 Friday - Oct 26

	GENERAL SESSION	GENERAL SESSION	GENERAL SESSION	GENERAL SESSION	GENERAL SESSION	GENERAL SESSION	WORKSHOP	WORKSHOP	WORKSHOP	WORKSHOP
	FDOT SS4	MicroStation	Drainage	Civil 3D	OpenBridge/General	ProjectWise	FDOT (SS4)	FDOT (SS4) OpenRoads (SS4)	TopoDOT MicroStation CONNECT	Civil 3D InfraWorks 360
	Dunes I (40)	Seahorse (35)	Starfish (32)	Sand Dollar (32)	Sundial (20)	Exec. Boardroom (20)	Horizon (30)	Dunes II (15)	Sandcastle I (15)	Sandcastle II (15)
8:30-9:30	FDOT Traffic Plans Stantec <i>Denise Broom</i>	Utilizing Drone and Aerial Photos (Repeat) Bentley <i>Kurt Rasmussen</i>	*QuickStart - Laying out a Drainage Network in OpenRoads Designer Bentley <i>Christiana Holmes</i>	*Roadway Island Modeling with FDOTC3D (Repeat) FDOT <i>Mike Racca</i>	Introducing OpenBridge Designer Bentley <i>Alex Mabrich</i>	What's New in ProjectWise Bentley <i>TBD</i>	* F-1-H FDOTSS4 3D Roadway Modeling (Repeat) Bentley/FDOT <i>A. Griffiths/T. Holt/M.Sexton</i>	F-1-D2 CADD-GIS Interoperability for Right of Way Mapping FDOT <i>J. Hazlip/R. Barber</i>	F-1-S1 The Latest TopoDOT Tools Certainty 3D <i>Mike Cook</i>	* F-1-S2 Autodesk Civil 3D: Composite Terrains & Volumes Advanced Solutions <i>Leo Lavayen</i>
15 Min	BREAK									
9:45-10:45	FDOT Roadway Design - Tips and Tricks Stantec <i>Denise Broom</i>	Viewing Your Design in MicroStation CONNECT Edition Bentley <i>Steve Rick</i>	Building a Storm Network from SHP Files Bentley <i>Christiana Holmes</i>	Updates to FDOTC3D Automated Quantities (Repeat) FDOT <i>Randy Roberts</i>	*Reports and Plans Production tools in OpenBridge Modeler Bentley <i>Alex Mabrich</i>	Simplify Administration with ProjectWise CONNECT Edition Bentley <i>TBD</i>				
15 Min	BREAK									
11:00-12:00	FDOT directions for 3D Models in Planning, Design, Construction and Maintenance (Repeat) FDOT <i>Vern Danforth</i>	Changing the Display of Elements with Display Rules in MicroStation CONNECT Edition Bentley <i>Steve Rick</i>	Creating Storm Drainage from Excel Data Bentley <i>Roy Filipiak</i>	Pipe Networks In Civil 3D Applied Software <i>Ken Driscoll</i>	Bridge Products Update and Future development plans Bentley <i>Alex Mabrich</i>	Configuring Your Project for Success Bentley <i>TBD</i>				
1 1/2 Hr	LUNCH									
1:30-2:30	Updated FDM/GB Design Criteria for FDOTSS4 and FDOTC3D2018 (Repeat) FDOT <i>John-Mark Palacios</i>	Using Terrain in MicroStation CONNECT Edition Bentley <i>Steve Rick</i>	Importing Drainage Projects from InRoads, GEOPAK, or MX Bentley <i>Jimmie Prow</i>	FDOT directions for 3D Models in Planning, Design, Construction and Maintenance (Repeat) FDOT <i>Vern Danforth</i>	Pasting Excel and Word into Revit, MicroStation and AutoCAD! Axiom <i>Eiren Smith</i>	Under the Hood of ProjectWise Office 365 Integration Bentley <i>TBD</i>		* F-2-D2 Modeling a Superelevated Divided Highway Bentley <i>Kevin Jackson</i>	F-2-S1 Annotating Designs Bentley <i>Dave Mayer</i>	*F-2-S2 Infraworks 360 – Roadway Design, Analysis and Presentation ProSoft <i>Shawn Herring</i>
15 Min	BREAK									
2:45-3:45	*Earthwork Calculation Methods (Repeat) FDOT <i>John-Mark Palacios</i>	Employing your 3D Models into Visualization Applications Bentley <i>Kurt Rasmussen</i>	*Channel Modeling in OpenRoads Bentley <i>Jimmie Prow</i>	FDOT CADD OFFICE Supported Platforms and FAQs (Repeat) FDOT <i>Matt Sexton</i>	TBD Bluebeam <i>TBD</i>	Advancing Collaboration with ProjectWise Share Bentley <i>TBD</i>				

"Technology Hub Open - Come and visit our Sponsor and Support Partners!"