



Florida Local Users' Group

2017 Spring Training Forum

June 14th – June 16th, 2017

Cocoa Beach, FL



2017 Spring Training Forum Sessions Include:

FDOT Roadway Modeling
Bentley OpenRoads
Autodesk InRoads 3D
MicroStation
LumenRT/Context Capture
Civil Animation
LiDAR
Drainage

Autodesk Civil 3D
Autodesk Revit
Bentley OpenBridge
Bentley SiteOps
Drone Technology
Construction
FDOT Survey
SubSurface Utility



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Daily Overview

7:00 – 8:00 Wednesday (Seagrapes/Sea Oats)	Registration and Breakfast!
8:00 – 8:15 Wednesday (Sea Oats)	Welcome with Opening Remarks!
8:15 –9:15 Wednesday (Sea Oats)	Keynote: "<u>How Technology Advances Transportation</u>" <i>by: Derricke Gray, Bentley</i>
9:45 – 5:15 Wednesday	General Sessions and Hands-On Workshops!
7:00 – 8:00 Thursday (Seagrapes/Sea Oats)	Registration and Breakfast!
8:00 – 8:15 Thursday (Sea Oats)	Welcome with Opening Remarks!
8:15 –9:15 Thursday (Sea Oats)	Emerging Technologies: "<u>Intelligent and Rapid 3D Engineering with ConceptStation</u>" <i>by: Ray Filipiak, Bentley Systems</i>
9:45 – 5:15 Thursday	General Sessions and Hands-On Workshops!
6:30 – 8:30 Thursday (Tiki Deck)	Evening Social - Tiki Deck - Refreshments Served- Presented by FLUG and Our Partners
7:00 – 8:00 Friday (Seagrapes/Sea Oats)	Registration and Breakfast!
8:30 – 3:45 Friday	General Sessions and Hands-On Workshops

General Registration Information:

- > **Name Badges** , are required for entrance into 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 (PDH Credits)**, offer (1) Credit per (1) Hour of class.
*Attendees must Sign-In during each session/workshop to receive credit!
Pickup 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!!!** Visit the Support Partners and drop off **one** card at each Booth! **** FDOT employees NOT eligible to participate.****
- > **FLUG Registration & Workshop fees**, collected 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.



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Wednesday		General Session and Hands-On Workshops										
14-Jun-17		General Session FDOTSS4 Dunes I (40)	General Session MicroStation V8i Seahorse (35)	General Session FDOT Civil 3D Starfish (32)	General Session Civil 3D Sand Dollar (32)	General Session Bentley Bridge Sundial (20)	General Session General Exec. Boardroom (20)	Workshop FDOT Horizon (50)	Workshop MicroStation/ ConceptStation Dunes II (20)	Workshop OpenRoads Sandcastle 1 (20)	Workshop Civil 3D Sandcastle 2 (20)	
9:45 - 10:45	☆ "Technology Hub Open - Come and visit our Sponsor and Support Partners!!"	☆ RRR Design & Modeling with OpenRoads FDOT <i>Jimmie Prow</i>	Drawing Production Innovations in MicroStation V8i Bentley <i>Steve Rick</i>	☆ RRR Design & Modeling with FDOT Civil 3D State Kit - Part 1 of 2 FDOT <i>Mike Racca</i>	What's New in Civil 3D 2018 Advanced Solutions <i>Leo Lavayen</i>	OpenBridge Modeler: What is New! Bentley <i>Alex Mabrich</i>	Get Control Over Your CONNECT and V8i Reference Files! Axiom <i>Eiren Smith</i>	☆ 426 FDOTSS4 2D Rule Based Roadway Design FDOT <i>Vern Danforth</i>	427 Introduction to MicroStation CONNECT Edition Bentley <i>Dave Mayer</i>	☆ 428 QuickStart for Roadway Modeling using OpenRoads Technology Bentley <i>Chuck Lawson</i>	429 AutoCAD Civil 3D - Changing the Way we Work Applied Software <i>Ken Driscoll</i>	
15 Min		BREAK										
11:00 - 12:00			Leveraging DWG and Other Formats in MicroStation Bentley <i>Steve Rick</i>	☆ RRR Design & Modeling with FDOT Civil 3D State Kit - Part 2 of 2 FDOT <i>Mike Racca</i>	Pressure Piping in Civil3D David Douglas Associates, Inc <i>Jason Panicaro</i>	☆ OpenBridge Modeler: Generate Parametric Templates Bentley <i>Alex Mabrich</i>	Embracing Change - Future of Making "Things" in the Civil Industry IMAGINIT <i>Harvey Pruitt</i>					
1 1/2 Hr		LUNCH										
1:30 - 2:30			Survey Deliverables for Existing Feature Models file (SURVRD) in FDOTSS4 OpenRoads FDOT <i>Chris Thorpe</i>	Creating Traffic Animations Bentley <i>Steve Rick</i>	☆ Signalization Design using the FDOT Civil 3D State Kit FDOT <i>Randy Roberts</i>	Civil 3D - Tips, Tricks and Trouble Shooting Advanced Solutions <i>Leo Lavayen</i>	☆ Bridge Modeling Tips with OpenBridge Modeler Bentley <i>Alex Mabrich</i>	Gain the Competitive Edge with Bluebeam Revu 2017 Bluebeam <i>Michael Calkins</i>		☆ 430 QuickStart using OpenRoads ConceptStation Bentley <i>Christiana Holmes</i>		
15 Min		BREAK										
2:45 - 3:45			☆ Comprehensive Template Design in SS4 (Part 1) - General Templates FDOT <i>Jimmie Prow</i>	LumenRT - An In-Depth look at New Technology in MicroStation and Virtual Reality Bentley <i>Steve Rick</i>	☆ FDOT Signs Application for Civil 3D FDOT <i>Randy Roberts</i>		☆ OpenBridge Modeler: How to Model Precast, Steel and Segmental Bridges Bentley <i>Alex Mabrich</i>	Assessing Pavement Condition from Mobile LiDAR Data Certainty 3D <i>Jennifer Triana</i>		☆ 431 Approach and Driveway Modeling in OpenRoads Bentley <i>Ray Filiipiak</i>	☆ 432 Creating, Editing, Copying and Pasting Surfaces using FDOT Civil 3D 2017 State Kit CADDesk Consulting <i>Doug Medley</i>	
30 Min		"Snack with the Support Partners!"										
4:15 - 5:15			☆ Comprehensive Template Design in SS4 (Part 2) - Variable Templates FDOT <i>Jimmie Prow</i>	Civil Visualization in MicroStation V8i (SELECTseries 3) - Why? Bentley <i>Dave Mayer</i>	☆ FDOT Quantities in Civil 3D FDOT <i>Randy Roberts</i>	☆ InfraWorks 360 Roadway Design - Fasten Your Seatbelt Applied Software <i>Ken Driscoll</i>	BrIM Analytics Product Update Bentley <i>Alex Mabrich</i>	Taking 3D Models to Bluebeam from Revit, AutoCAD & MicroStation tsaADVET <i>Terry Cline</i>				



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Thursday		15-Jun-17										
		General Session and Hands-On Workshops										
		General Session FDOTSS4 Dunes I (40)	General Session OpenRoads Seahorse (35)	General Session Civil 3D Starfish (32)	General Session Reality Modeling/FDOT Sand Dollar (32)	General Session Drainage/SubSurface Sundial (20)	General Session Bentley SiteOps Exec. Boardroom (20)	Workshop FDOT Horizon (50)	Workshop MicroStation Dunes II (20)	Workshop OpenBridge/OpenRoads Sandcastle 1 (20)	Workshop FDOT Civil 3D Sandcastle 2 (20)	
9:45 - 10:45	"Technology Hub Open - Come and visit our Sponsor and Support Partners!!"	☆ FDOT Automated Quantities (Part 1) FDOT Kandi Daffin	☆ Modeling Tips and Tricks Bentley Chuck Lawson	☆ Lifecycle of a Civil 3D Construction Model Applied Software Ken Driscoll	Enable Reality Modeling with Your Mobile Device Bentley Kurt Rasmussen	☆ Introduction to Subsurface Utility Engineering and StormCAD for OpenRoads Bentley Kevin Jackson	You DRONED your project, NOW WHAT? Bentley David Settlemyer	☆ 433 FDOTSS4 3D Roadway Modeling FDOT Vern Danforth	434 QuickStart for MicroStation CONNECT Edition for Existing Users Bentley Dave Mayer	☆ 435 Using OpenBridge Modeler and LumenRT Bentley Alex Mabrich	☆ 436 FDOT Signal Plans using Civil 3D FDOT Randy Roberts	
15 Min		BREAK										
11:00 - 12:00		☆ FDOT Automated Quantities (Part 2) FDOT Kandi Daffin	Working Effectively in the OpenRoads Modeling Environment Bentley Ray Filipiak	Civil 3D in a Bentley MicroStation World - Lessons Learned Infrastructure Engineers Inc. Oscar Castaneda, P.E.	Ground Extraction from Mesh or Point Cloud Bentley Kurt Rasmussen	☆ Drainage Design using StormCAD for OpenRoads Bentley Kevin Jackson	Discover how OPTIONEERING will change the way you look at the world Bentley David Settlemyer					
1 1/2 Hr		LUNCH										
1:30 - 2:30		FDOTSS4 Design Survey Deliverables for 3D Modeling FDOT John Hazlip	☆ Ancillary Features & Borehole Navigator Stantec Denise Broom	☆ Autodesk Vehicle Tracking Applied Software Ken Driscoll	LumenRT Overview Bentley Kurt Rasmussen	☆ Save Time and Money with Subsurface Utility Design and Analysis (SUDA) Model Bentley Ray Filipiak	Stand Out with Reality Modeling in Your Site Design Bentley David Settlemyer				☆ 437 QuickStart for Terrain and Geometry Using OpenRoads Technology Bentley Christiana Holmes	☆ 438 FDOT 3R Design using Civil 3D FDOT Mike Racca
15 Min		BREAK										
2:45 - 3:45		FDOTSS4 Design Survey Complex Terrain Models for 3D Design FDOT John Hazlip	Using the Model: Preparing for Plans Production in OpenRoads Bentley Chuck Lawson	☆ Civil 3D: Maximizing Corridors using Feature Lines Advanced Solutions Leo Lavayen	Cross Section Sheet Clipping Stantec Denise Broom	☆ Geotechnical Data for Civil Engineers Bentley Ray Filipiak	POWER of SITEOPS Reality Modeling Workflow Bentley David Settlemyer		439 Traffic Animation Bentley Steve Rick			
30 Min		"Snack with the Support Partners!"										
4:15 - 5:15		☆ FDOT Earthwork Stantec Denise Broom	Preparing for the New Super Elevation Standards in the CONNECT Edition Bentley Kevin Jackson	☆ Make your Corridor Bend your way - Civil 3D Infrastructure Engineers Inc. Oscar Castaneda, P.E.	Utilizing Drone and Aerial Photos Bentley Kurt Rasmussen	☆ Modeling Existing and Proposed Underground Utilities Bentley Ray Filipiak						
6:30 - 8:30		"Join us on the Tiki Deck for our <u>Evening Social</u> - Refreshments Served - Presented by FLUG and Our Partners !"										



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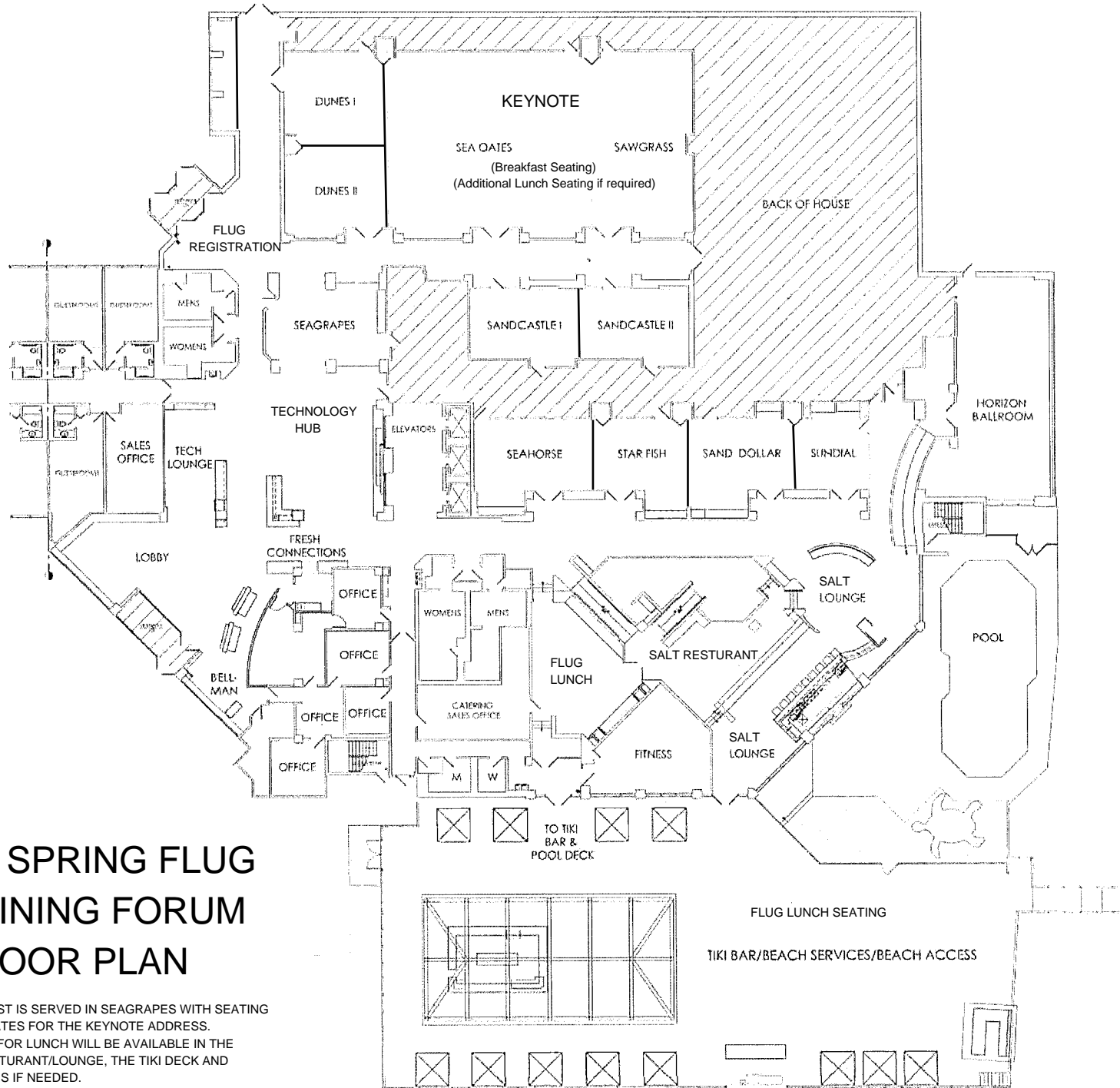
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Friday	16-Jun-17 General Session and Hands-On Workshops									
	General Session FDOTSS4 Dunes I (40)	General Session MicroStation V8i Seahorse (35)	General Session FDOT Civil 3D Starfish (32)	General Session OpenRoads Sand Dollar (32)	General Session General Sundial (20)	General Session AEC/BIM - Revit Exec. Boardroom (20)	Workshop FDOT Horizon (50)	Workshop MicroStation/LumenRT Dunes II (20)	Workshop OpenRoads Sandcastle 1 (20)	Workshop General Sandcastle 2 (20)
8:30 - 9:30	☆ Plans Production - Civil Geometry & Civil Cells for 2D FDOTSS4 OpenRoads FDOT Vern Danforth	Where on Earth... Bentley Dave Mayer	☆ FDOT Cross Sections in Civil 3D FDOT Mike Racca	☆ An Introduction to OpenRoads CONNECT Edition Bentley Ray Filipiak	Gain the Competitive Edge with Bluebeam Revu 2017 Bluebeam Michael Calkins	Revit for Commercial Interior Design Applied Software Rick Kremer	☆ 440 Comprehensive Template Design FDOT Jimmie Prow	441 Getting Started with 3D in MicroStation CONNECT Edition Bentley Steve Rick	☆ 442 Designing with a Pond Bentley Kevin Jackson	☆ 443 Introduction to Trimble Business Center - HCE (Heavy Construction Edition) Software Trimble Scott Bridges/Mike Eason
15 Min	BREAK									
9:45 - 10:45	☆ Applying Superelevation Shoulder Rollover in FDOTSS4 OpenRoads FDOT Vern Danforth	Ahead of the Curve Bentley Dave Mayer	☆ Grading in Civil 3D with Feature Lines CADDdesk Consulting Brian Morse	☆ OpenRoads ConceptStation Bentley Ray Filipiak	Title Block Batch Changes in CONNECT, V8i and AutoCAD Axiom Eiren Smith					
15 Min	BREAK									
11:00 - 12:00	Automated Machine Guidance using OpenRoads - SR9B Case Study Arcadis Gene Howerton	Creating, Maintaining Custom Linestyles Bentley Dave Mayer	☆ Civil 3D Surfaces - Editing, Copying, Pasting, Combining Surfaces CADDdesk Consulting Doug Medley	☆ Best Practice: From Civil Model to Plan Set Bentley Kevin Jackson	Civil 3D Parcels: I Deed It! Advanced Solutions Leo Lavayen				444 Using Civil Cells in OpenRoads Bentley Christiana Holmes	
1 1/2 Hr	LUNCH									
1:30 - 2:30	Understanding XML Reporting in OpenRoads Arcadis Kevin Lucht	Learn MicroStation Tips & Tricks, become more Productive with MicroStation Bentley Steve Rick	☆ Creating a Proposed Design Profile in Civil 3D CADDdesk Consulting Brian Morse	☆ Sharing OpenRoads for Review and Construction Workflows Bentley Chuck Lawson	Design Review QA/QC with Bluebeam Revu Bluebeam Michael Calkins	Intro to Formit 360 Pro Applied Software Rick Kremer		445 Employing Your 3D Models into Visualization Applications Bentley Kurt Rasmussen		446 Advanced GIS Asset Extraction Certainty 3D Jennifer Triana
15 Min	BREAK									
2:45 - 3:45	☆ Quality Control Checklist & Tools for Reviewing 3D Engineered Models FDOT Vern Danforth	AccuDraw Advanced (3D) Bentley Dave Mayer	☆ Civil 3D Cross Sections - Cut & Fill Volumes - Material Lists CADDdesk Consulting Doug Medley	☆ Publishing i-Models for OpenRoads Navigator and Other Civil Uses Bentley Chuck Lawson	InfraWorks 360 Essentials The "New Kid" on the Block Applied Software Ken Driscoll	Setting your ACAD drawings for Family Creation & General Template setup Applied Software Rick Kremer				

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



2017 SPRING FLUG TRAINING FORUM FLOOR PLAN

NOTES:

BREAKFAST IS SERVED IN SEAGRAPES WITH SEATING IN SEA OATES FOR THE KEYNOTE ADDRESS. SEATING FOR LUNCH WILL BE AVAILABLE IN THE SALT RESTURANT/LOUNGE, THE TIKI DECK AND SEA OATES IF NEEDED.

EXECUTIVE BOARD ROOM IS LOCATED ON 7TH FLOOR