

## 2013 NCLUG Conference

Day 1	Track 1 (July 17)	Track 2 (July 17)	Track 3 (July 18)	Track 4 (July 18)
8:00 am - 8:25 am	Registration		Registration	
8:25 am - 8:30 am	Welcome Address		Welcome Address	
8:30 am - 9:30 am	<b>Creating Advanced Components and Templates</b> Bentley Systems (Workshop)	<b>Productivity Gems for the Microstation - AccuDraw, Project Explorer, Reference</b> Bentley Systems (Lecture)	<b>Transitioning to 3D</b> Bentley Systems (Workshop)	<b>Moving to SS3 for Geopak Users</b> Bentley Systems (Lecture)
9:30 am - 10:30 am				
10:30 am - 10:45 am	Break		Break	
10:45 am - 12:00 pm	<b>End Conditions</b> Bentley Systems (Workshop)	<b>Project Wise</b> Bentley System (Lecture)	<b>Importing &amp; Editing Survey Data</b> Bentley Systems (Workshop)	<b>Transitioning to Open Roads Technology</b> Bentley Systems (Lecture)
12:00 pm - 1:00 pm	Lunch		Lunch	
1:00 pm - 2:00 pm	<b>Median Crossover Design</b> Bentley Systems (Workshop)	<b>Working with DWG and other formats</b> Bentley Systems (Lecture)	<b>Site Design - Unchained!</b> Bentley Systems (Workshop)	<b>Open Roads - Horizontal Geometry</b> Bentley Systems (Lecture)
2:00 pm - 3:00 pm				<b>Open Roads - Vertical Geometry</b> Bentley Systems (Lecture)
3:00 pm - 3:15 pm	Break		Break	
3:15 pm - 4:15 pm	<b>User Story</b> NCDOT/Bentley Systems (Workshop)	<b>Working with Print Organizer</b> Bentley Systems (Lecture)	<b>Understanding Features</b> Bentley Systems (Workshop)	<b>Optimizing Drawing Composition Workflows</b> Bentley Systems (Lecture)
4:15 pm - 5:00 pm	Question and Answer Panel & Prizes		Question and Answer Panel & Prizes	



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Track 1 (Workshop)	Track 2 (Lectures)
<p align="center"><b>Creating Advanced Components and Templates</b> Bentley Systems (Workshop)</p>	<p align="center"><b>Productivity Gems for the Microstation - AccuDraw, Project Explorer, Reference</b> Bentley Systems (Lecture)</p>
<p>This SELECTseries 2 workshop provides hands-on training for creating components of various types and assembling them into working templates. Users will learn the importance of naming conventions and how to use styles for components and points. For all Bentley civil SELECTseries 2 users.</p>	<p>In this session, MicroStation trainers learn how to teach their users about key productivity gems such as AccuDraw, Project Explorer, reference tips and tricks, managing coordinate data, and more.</p>
<p align="center"><b>End Conditions</b> Bentley Systems (Workshop)</p>	<p align="center"><b>Project Wise</b> Bentley System (Lecture)</p>
<p>Creating end conditions is simple, but with this simplicity comes tremendous power. Learn how to harness the power of end conditions for basic cut and fill, ditches, benching, rock tracing, vectors, and so much more. This hands-on training is an absolute must for all Roadway Designer users. For all Bentley civil intermediate users on SELECTseries 2.</p>	<p>ProjectWise is a tremendously valuable content management tool for delivering planning consulting, engineering, architectural, and design/build projects. This presentation teaches unique or custom features of ProjectWise being used on transportation projects to automate the delivery of projects and content management.</p>
<p align="center"><b>Median Crossover Design</b> Bentley Systems (Workshop)</p>	<p align="center"><b>Working with DWG and other formats</b> Bentley Systems (Lecture)</p>
<p>This hands-on workshop addresses one of the most frequently asked questions received by the Bentley Civil Help Desk: How do you do median crossover design? In this workshop, participants will learn how to model median crossovers using the Roadway Designer tool. For all Bentley civil intermediate SELECTseries 2 users.</p>	<p>In this session, intermediate MicroStation users and CAD administrators are taught how to work with data in DWG format and efficiently interchange that data with project participants. They also learn about the use of Real DWG, standards and batch operations in this intermediate hands-on workshop.</p>
<p align="center"><b>User Story</b> NCDOT/Bentley Systems (Workshop)</p>	<p align="center"><b>Working with Print Organizer</b> Bentley Systems (Lecture)</p>
<p align="center">Real user issues with answers.</p>	<p>In this session, MicroStation users and CAD administrators learn to work with MicroStation's Integrated Print Organizer to reliably produce consistent, intelligent deliverables. They work with sheet models, print styles, and the production of PDF output.</p>



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Track 3 (Workshop)	Track 4 (Lectures)
<p align="center"><b>Transitioning to 3D</b> Bentley Systems (Workshop)</p>	<p align="center"><b>Moving to SS3 for Geopak Users</b> Bentley Systems (Lecture)</p>
<p>Having problems making the leap to 3D modeling in MicroStation? In this session, those who are new to 3D in MicroStation are taught the easiest way to quickly become productive in 3D through mastery of 3D viewing, basic 3D modeling, and best practices for 3D workflows.</p>	<p>What does it take to move to SELECTseries3? What steps do you follow? What is the impact to users, to standards, and to you? This hands-on workshop provides instruction for CAD managers and others on moving their GEOPAK users and standards forward to SELECTseries 3. For all intermediate Bentley civil users.</p>
<p align="center"><b>Importing &amp; Editing Survey Data</b> Bentley Systems (Workshop)</p>	<p align="center"><b>Transitioning to Open Roads Technology</b> Bentley Systems (Lecture)</p>
<p>This workshop provides users with hands-on instruction in using the OpenRoads technology for importing, editing, and reducing survey data to create planimetrics, terrain models, and geometry in Bentley civil products.</p>	<p>This presentation provides instructions for transitioning standards and workflow and developing your implementation plans. Learn how to utilize the exciting new tools in SELECTseries 3 of the civil products.</p>
<p align="center"><b>Site Design - Unchained!</b> Bentley Systems (Workshop)</p>	<p align="center"><b>Open Roads - Horizontal Geometry</b> Bentley Systems (Lecture)</p>
<p>Bentley's Open Roads Technology is the same technology whether you're working on corridors or sites. This workshop provides training for a primary site workflow using InRoads V8i (SELECTseries3) or GEOPAK V8i (SELECTseries3). Session attendees learn how to navigate and evaluate a completed site model; display and evaluate existing terrain; understand and edit relationships between objects; elevations, slopes, radii, offsets; set building pad elevations and tie into existing terrain; create a simple</p>	<p>Dynamic, interactive, associative, and relative - Bentley civil geometry has entered a whole new world! This functional overview of Bentley civil SELECT series 3 products teaches attendees how geometry is simpler using Civil AccuDraw for the creation of geometry beyond the centerline for right-of-way and other real-world examples.</p>
<p align="center"><b>Understanding Features</b> Bentley Systems (Workshop)</p>	<p align="center"><b>Open Roads - Vertical Geometry</b> Bentley Systems (Lecture)</p>
<p>Now that features live in a DGN environment, it is paramount to learn how they are used in the new Open Roads technology to identify, name, and symbolize designs to meet an organization's standards.</p>	<p>This hands-on workshop provides introductory training to attendees in the creation, manipulation, and annotation of new vertical geometry in Bentley civil SELECTseries 3 products. Can you live without dialogs and menus? Learn to use these new intuitive, context-sensitive vertical geometry tools.</p>
	<p align="center"><b>Optimizing Drawing Composition Workflows</b> Bentley Systems (Lecture)</p>
	<p>Learn in this session about the new capabilities in MicroStation VBi (SELECTseries 3) to improve drawing production workflows. Discover how to use hypermodels to speed design, review, and construction workflows.</p>