

THERE WILL BE NO WAIT LIST OR EXTRA ATTENDEES ALLOWED INTO WORKSHOPS THAT ARE FULL

AM WORKSHOPS 8:00-12:00

1. **Beginner Microstation: Steve Rick- Bentley Systems**
This is a basic MicroStation class that will show you the best way to get started with the software. From basic screen setup to tools selection and the use of Accudraw. We will also spend some time with little tips and tricks to assist you in greater drawing production.
2. **SUE/SUDA Integration with OpenRoads Design Workflows: Robert Garrett- Bentley Systems**
See how to build models of utility and drainage systems integrated with the OpenRoads road/site design tools. Using Subsurface Utility Engineering (SUE) tools you will create models of existing and proposed utilities and see how to build models from external GIS data. Using StormCAD for OpenRoads (SUDA) you will learn how to layout and design a drainage network with integrated 3D modeling.
3. **Beginner Corridor Modeling: Darren Bunker- Bentley Systems**
This hands-on workshop will provide the best practices to use Corridor Modeling successfully in the OpenRoads environment. The highlights will range from the fundamentals, enhancements offered in SELECTseries 4, leading into tips and tricks, and other advance topics.
4. **Trimble Business Center software: Holly Urbain- Seiler Instrument**
Hands on for the core functionality of TBC. TBC project settings and software options. Creating projects and project templates and file storage locations, perform importing, device transfers and use of the new Total Station editor and updated Level editor. Produce reports and export to required formats. Merge adjusted leveled information with the GNSS data. Traverse adjustment and closure reports.

PM WORKSOPS 1:00-5:00

5. **3D Visualization in Civil Environment/Project: Steve Rick- Bentley Systems**
Learn how to take your projects and make the look real with visualization and traffic animation. Learn how to make and apply materials, create environments and setup up solar lighting. We will also learn the basics of traffic animation, creating actors, creating cameras and scripting the animation process.
6. **Overlay: Chuck Lawson- Bentley Systems**
This course teaches how to model overlay and stripping and adjust the Vertical alignment to achieve cost savings in road rehabilitation projects.
7. **Intersection Modeling in OpenRoads: Darren Bunker- Bentley Systems**
Advanced - This course teaches tools and techniques that can be used to model an at grade intersection. It will focus on OpenRoads methods, such as using Linear Templates, Quick Profile Transitions, and Surface Templates to provide flexibility and efficiency in addressing the varied needs and circumstances that arise when designing an at-grade intersection.
8. **Civil Cells: Bob Rolle- Bentley Systems**
You will learn the basics of placing civil cells. This includes gaining an understanding of what civil cell references are and how to use them in a practical workflow. You will learn to use the civil cells delivered with the product, as well as how to use civil cells taken from external sources and +incorporate them into your models.