



2011 IDDEA Fall Conference Announcement

Scheman Center, Iowa State University, Ames, Iowa

**Workshops October 5 & October 7
Conference October 6**

With this newsletter, I am pleased to announce the agenda for the 2011 IDDEA Conference. This year's conference will be held on October 5th through the 7th and will provide a great learning environment for every attendee. This IDDEA conference will provide a learning environment that will showcase the current versions of MicroStation and GEOPAK, and give everyone a preview of the future. The IDDEA Board has worked hard to put together a conference full of sessions and workshops that highlight the newest MicroStation tools and Roadway Designer. We have beginner through advanced sessions to fulfill everyone's needs. Many of these sessions and workshops come to you directly from the 2011 BE Conference held in May in Philadelphia this year.

Our keynote will be presented by Jeanne Aarhus and Seth Cohen, two CAD applications specialists. Also, we are working with Bentley staff to provide a special opportunity to all. Bentley staff will be holding private sessions during our regular conference where attendees will be able to work through designs using the soon-to-be-released Bentley Civil Select Series 3 products. If you are interested in attending one of these hands-on demos then indicate your interest when you register for the conference. Bentley staff will contact those interested to set-up demo times.

Once again, we are making use of an on-line registration service. This year the site is now located at our web address: www.iddea.org. At this site you can download the conference newsletter, register for the

conference, find information about the IDDEA Group, and download electronic copies of presentations that we have received from presenters.

As a bonus, any presentations that we receive before the conference will be available for download the day of the conference. Simply bring a USB drive to the registration desk, and IDDEA Board members will copy any presentations that we have onto your drive. If you forget your USB drive, these presentations will be posted on our website for later downloading.

As always, we put this conference together for you, our membership. Please let board members know if you have any suggestions for future sessions or workshops that you would like to see. We are always interested in additional board members as well. Please let us know if you are interested in joining our board.

We look forward to seeing you at the 2011 IDDEA Conference on October 5 – 7 at the Scheman Center on the Iowa State University Campus in Ames. Sign up right away, as workshop attendance is based on a first come, first serve basis.

Hope to see you there!!

Monica Smith
Chair, the IDDEA Group

REGISTRATION INFORMATION

To register for the Fall IDDEA Conference go to: www.iddea.org

A variety of payment options are available during the registration process. A confirmation email will be sent when payment is received.

Payment must be **received no later than Friday, September 23, 2011**, to qualify for the early registration discount. The deadline to cancel and receive a refund is also **Friday, September 23, 2011**. Make checks payable to **The IDDEA Group**. A copy of the registration form will serve as an invoice for most purposes.

Registration Costs before Sept. 23:

½ day Workshop - \$65
Full day Workshop - \$130
Conference day - \$60

Registration Costs after Sept. 23:

½ day Workshop - \$65
Full day Workshop - \$130
Conference day - \$80

[Register On-line Here](#)

LOCATION & HOTEL ACCOMMODATIONS

IOWA STATE UNIVERSITY

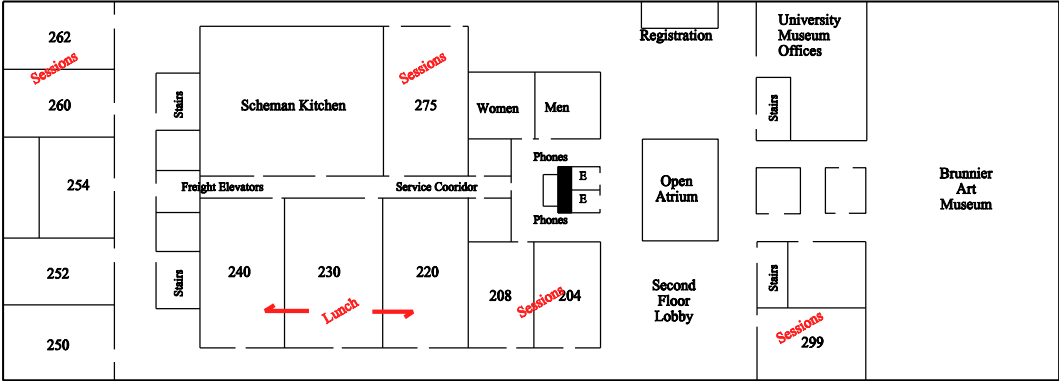
[Directions to Iowa State University](#)

[Map to Scheman Building](#)

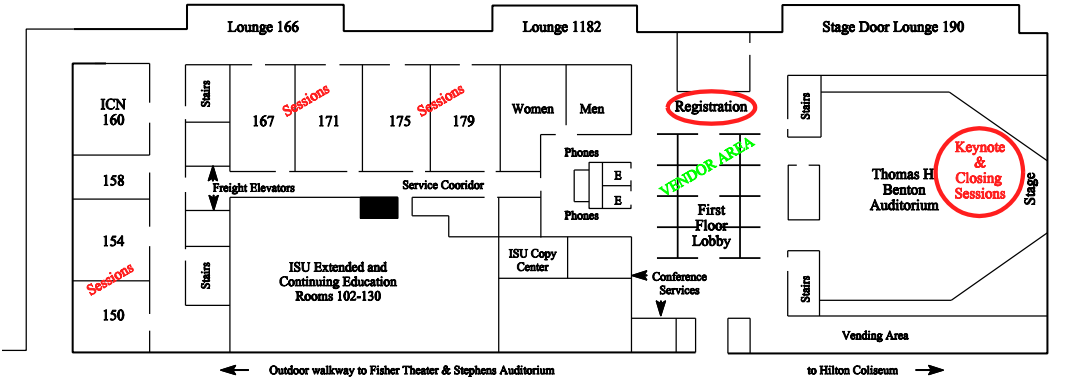


[Hotel Accommodations](#)

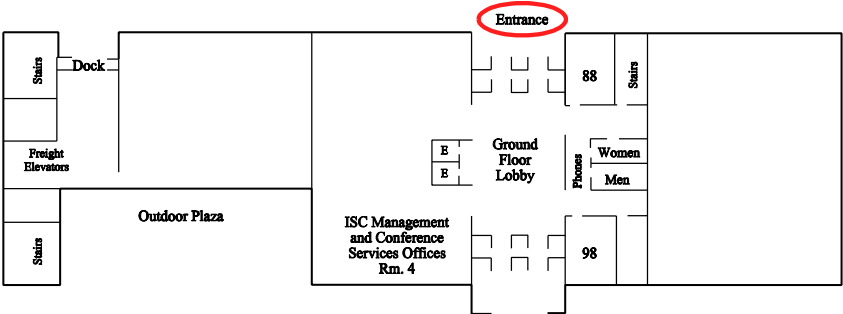
Iowa State Center Scheman Building



SECOND FLOOR



FIRST FLOOR



GROUND FLOOR

KEYNOTE SPEAKERS AND WORKSHOP PRESENTERS

Jeanne Aarhus, Aarhus Associates

Jeanne has been working with various CAD systems and applications since the early 1980s. She has gained experience in many CAD related fields that have included production drawings, coordination, end-user support, programming, and training. Her specialty is in providing users with the necessary tools to increase productivity and get the job done as efficiently as possible using these constantly changing tools. She is certified in all levels of MicroStation and AutoCAD and has over 20 years of experience using MicroStation and AutoCAD in the Mapping and AEC environments. She has conducted seminars and workshops on CAD productivity for managers and users in both corporate and college settings. Jeanne has provided training workshops and has been actively involved in international, national, and local CAD user groups, and is known for her "real-world" approach to learning.

Seth Cohen, CAD Management Resources, Inc.

Seth specializes in civil engineering and CAD applications including MicroStation, InRoads, Civil 3D, Map 3D, and AutoCAD. He has conducted many classes for CAD professionals and specializes in providing project start-up and CAD standards implementation for commercial and government organizations. He has over 15 years of civil engineering experience, working in the industry as a CAD technician and CAD manager designing and producing production plans for many state departments of transportation (DOTs) and municipalities.

WORKSHOP PRESENTERS

Corey Johnson, Bentley Systems, Incorporated

Corey Johnson, Solutions Engineer, has over 12 years of experience in CAD production, design and management of CAD environments in the Midwest. After graduating from DMACC with a CAD Technology degree, he has worked with several local consulting firms. He has spent the last 12 years working with MicroStation and GEOPAK in several capacities. His responsibilities included roadway design, site design, CAD Standards setup, and training. Corey joined Bentley in early 2008. He is responsible for technical sales with GEOPAK, InRoads, PowerCivl, and OnSite for the Transportation and Local Infrastructure (TLI) Group.

Patrice Rhodes, P. H. Rhodes, Inc.

Patrice Rhodes of P.H. Rhodes, Inc. is an independent consultant specializing in CAD management consulting, on-site customized software training, and individualized ongoing support services. Patrice has provided CAD management services and extensive MicroStation training for clients in a variety of disciplines including civil, municipal, transportation, architectural, mechanical, electrical, environmental remediation, and cartography, with a strong focus on incorporating client data and procedures into her training programs. Patrice has also designed custom training programs in areas related to document management, engineering safety procedures, and insurance industry software. She also conducts seminars on training and course development for her clients. Patrice has been creating and implementing successful training, support and CAD management programs for over two decades, and has enjoyed many successful years since founding P.H. Rhodes, Inc. in 1994.

Tom Stogdill, Bentley Systems, Incorporated

Tom is a Senior MicroStation Product Consultant in the Platform Professional Services Group at Bentley Systems. He is a certified Bentley Institute instructor who has presented on a wide variety of MicroStation related courses and topics. Tom has also assisted in developing and authoring MicroStation course curricula and training materials. In addition to training, Tom has provided technical support, technical sales support, software implementation, and a variety of production and implementation services.

Steve Willoughby, Bentley Systems, Incorporated

Steve has over 20 years of experience in the use, training, and support of civil engineering design software. After graduating from the University of Illinois with a Civil Engineering degree, Steve began working for the Illinois DOT. In 1989, he began teaching and supporting MicroStation and GEOPAK while at the DOT. In 1995, he began working for GEOPAK Corporation. Since that time, Steve has worked with numerous DOTs and consulting firms all over the country in the configuration and implementation of the MicroStation and GEOPAK systems. Steve currently manages projects in the Bentley Civil Professional Services Group in addition to other duties such as support, training, and software certification.

Rod Wing, The Envision Group, Incorporated

Rod Wing joined Envision in 2007 and has over 25 years of experience supporting and customizing MicroStation and related applications. Before joining Envision, Rod has experiences from the Wisconsin Department of Transportation and the Central Intelligence Agency in Cartography, Design, and Publishing. Rod has extensive experience in CADD, GIS, cartography, plotting, scanning, raster editing/manipulation, publishing, and file/data translations. He has been active in numerous user groups and has given many technical presentations on different topics at various professional conferences. Rod received a Bachelor of Science degree from the University of Wisconsin in Cartography and a Master of Science in Geographic and Cartographic Sciences from George Mason University.

CONFERENCE PRESENTERS

Derricke Gray, *Bentley Systems, Incorporated*
Corey Johnson, *Bentley Systems, Incorporated*
Chuck Lawson, *Bentley Systems, Incorporated*
Bob Rolle, *Bentley Systems, Incorporated*
Tom Stogdill, *Bentley Systems, Incorporated*
Steve Willoughby, *Bentley Systems, Incorporated*
Mark Hattersley, *Bentley Systems, Incorporated*
Jeanne Aarhus, *Aarhus Associates*
Steve Meyer, *Iowa Dept. of Transportation*

Rod Wing, *EnvisionCAD*
Chris Malmberg, *HDR Engineering, Inc.*
Joe Spradling, *HDR Engineering Inc.*
Brett Black, *The Sidwell Company*
Craig Tobais, *Midwest CAD Solutions*
Jeff Vaske, *Midwest CAD Solutions*
Patrice Rhodes, *P. H. Rhodes, Inc.*
Dan Calistrat, *DTM Solutions*
Brian Smith, *Iowa Dept. of Transportation*



Lunch will be provided for all registered attendees including 1/2-day workshops.
Hands-on workshops have limited seating – 2 people per computer.

7:30 - 8:00	Registration and Continental Breakfast		
Room No.	150-154	167-171	175-179
	WS1	WS2	WS3
8:00 - 12:00	MicroStation V8i User Upgrade <i>Patrice H Rhodes</i>	Print Organizer <i>Rod Wing</i>	Survey – Data Acquisition and Point Cloud <i>Corey Johnson</i>
12:00 - 1:00	LUNCH (Stage Door Lounge 190) Afternoon Registration		
	WS1	WS5	WS6
1:00 - 5:00	MicroStation V8i User Upgrade (cont.) <i>Patrice H Rhodes</i>	Intermediate MicroStation <i>Rod Wing</i>	GEOPAK Rebar <i>Steve Willoughby</i>

WS1– MicroStation V8i User Upgrade

Presenter: Patrice Rhodes, P. H. Rhodes, Inc.

This one-day workshop is designed for current users of MicroStation who plan to upgrade to MicroStation V8i. It covers critical changes in MicroStation from versions V8XM and V8i that users will encounter on a day-to-day basis. This course will smooth the transition to V8i by helping users to navigate within the new interface while learning enhancements to the V8i software.

Prerequisite: MicroStation Experience

WS2 – Print Organizer

Presenter: Rod Wing, EnvisionCAD

Print Organizer has replaced the Batch Print tool for multiple file printing. This workshop will demonstrate how to transition from Batch Print to Print Organizer and the basic Print Organizer Workflow. Other topics covered in the workshop include configuration and setup of Print Drivers, Pen Tables, Print Styles, and Named Expressions.

Prerequisite: Working knowledge of MicroStation and GEOPAK

WS3 – Survey – Data Acquisition and Point Cloud

Presenter: Corey Johnson, Bentley Systems, Inc.

This hands-on workshop is designed for anyone who imports data. It will provide an overview of the data acquisition tools that enable you to prepare data for use within InRoads and GEOPAK. You'll learn how to import, review, reduce, edit, correct, and visualize data, including point cloud data.

Prerequisite: Working knowledge of surveying principles

WS5 – Intermediate MicroStation

Presenter: Rod Wing, EnvisionCAD

The topics covered in this workshop are based on our years of experience in training and consulting organizations on tools and techniques that are underutilized by most users. When used correctly, these tools can have an immediate impact on your productivity as well as automating and standardizing project files.

Prerequisite: Beginner MicroStation experience

WS6 – GEOPAK Rebar

Presenter: Steve Willoughby, Bentley Systems, Inc.

This hands-on workshop will provide an overview of Bentley Rebar's automated concrete detailing capabilities for drafting and quantifying reinforcement of virtually any type of concrete structure. Discover the flexibility of Bentley Rebar for generating bar lists and bar charts in addition to creating 3D models of the reinforcing.

Prerequisite: Working knowledge of MicroStation.



7:15 - 8:00	Conference Registration and Continental Breakfast						
8:00 - 9:00	Opening Remarks (Auditorium) KEYNOTE: Mine Can Do It Better <i>Jeanne Aarhus and Seth Cohen</i>						
9:00 - 9:15	BREAK (Vendor Area)						
Room No.	175-179	167-171	Auditorium	204-205	275	299	260-262
	1	2	3	4	5	6	7
9:15 - 10:15	The In's and Out's of Printing <i>Jeanne Aarhus</i>	Annotation Scale: What Are You Waiting For? <i>Tom Stogdill</i>	GEOPAK Visualization <i>Derricke Gray</i>	GEOPAK Drainage <i>Dan Calistrat</i>	Tips and Tricks for GEOPAK <i>Bob Rolle</i>	Data Acquisition, Process from import to surface <i>Jeff Vaske</i>	City of Storm Lake, IA Assest Inventory/ Management GPS/GNSS Project <i>Brett Black</i>
10:15 - 10:30	BREAK (Vendor Area)						
	8	9	10	11	12	13	14
10:30 - 11:30	What's New In V8i-SS1 and SS2? <i>Jeanne Aarhus</i>	Efficient Drawing Management with Dynamic Views <i>Tom Stogdill</i>	Working in 3D Civil Designs SS3 <i>Derricke Gray</i>	GEOPAK Site <i>Dan Calistrat</i>	Civil Accudraw <i>Bob Rolle</i>	So You Created Models, Now What? <i>Corey Johnson</i>	LEAP Bridge V8i SS2 Update <i>Steve Willoughby</i>
11:30 - 12:30	LUNCH (Room 220)						
	15	16	17	18	19	20	21
12:30 - 1:30	More on Selection in MicroStation <i>Patrice Rhodes</i>	ProjectWise for MicroStation Users <i>Mark Hattersley</i>	Gore Design with Roadway Designer <i>Chuck Lawson</i>	GEOPAK Drainage HEC-RAS Reporting <i>Bob Rolle</i>	Beginning Templates <i>Corey Johnson</i>	CADD and GIS working Together Bentley Map <i>Rod Wing</i>	gINT/ GeoStructural Analysis <i>Steve Willoughby</i>
1:30 - 1:45	BREAK (Vendor Area)						
	22	23	24	25	26	27	28
1:45 - 2:45	MicroStation Top Ten Support Questions (All New) <i>Patrice Rhodes</i>	ProjectWise - Attribute Exchange Rules (Title Block Manager) <i>Craig Tobias</i>	Intersection Design with Roadway Designer <i>Chuck Lawson</i>	Overlay Tools <i>Derricke Gray</i>	Intermediate Templates <i>Corey Johnson</i>	Customizing the Task Based Interface - Named Expressions <i>Tom Stogdill</i>	Challenges of a Stage-Constructed Modern Roundabout <i>Joe Spradling</i>
2:45 - 3:00	BREAK (Vendor Area)						
	29	30	31	32	33	34	35
3:00 - 4:00	Tips and Tricks <i>Rod Wing</i>	Introduction to Dynamic Review <i>Mark Hattersley</i>	Iowa DOT ProjectWise Update <i>Steve Meyer & Brian Smith</i>	Data Acquisition / Bentley Survey <i>Derricke Gray</i>	Advanced Templates <i>Corey Johnson</i>	Roadway Designer Can't Do That, Can It? <i>Bob Rolle</i>	ADA Guidelines <i>Chris Malmberg</i>
4:15 - 4:45	Closing Remarks, Membership Business, & Door Prizes (Auditorium)						
** Room assignments are tentative, attendees will be given updated room assignments on conference day** *** Vendors will be exhibiting in the Lobby from 7:15 am to 4:30 pm ***							
Session Emphasis	MicroStation SS2	Civil Products	GIS	Bridge	User Projects		

8:00 – 9:00 AM

"CAD Wars "

Presenter: Jeanne Aarhus, Aarhus Associates and Seth Cohen, CAD Management Resources, Inc.

MicroStation, then AutoCAD, now back to MicroStation! Have you had to battle this switch? It can feel like you are shooting left-handed, with a right-handed gun. Let's end this war once and for all. This presentation will pit the stealth of "Otrack" vs. the clandestine skills of "AccuDraw", and challenge "Tasks" against the mighty "Ribbon" to decide who the winner will be; and YOU will decide who it is.....LAST ONE STANDING WINS!

1 – The In's and Out's of Printing

Presenter: Jeanne Aarhus, Aarhus Associates

Ever lost a print in never-never-land? Of course, we all have, usually when the boss is looking over your shoulder! This session will investigate the new features available in MicroStation V8i printing. Discover the new automation capabilities, and never lose that print ever again! Being the "master of printing" will get you the kind of attention that might just earn you a raise!

2 – Annotation Scale: What Are You Waiting For?

Presenter: Tom Stogdill, Bentley Systems, Inc.

Designed for MicroStation users and CAD managers, this seminar will explain how annotation scale can be implemented as part of your project standards, and how to integrate it into your drawing production workflows. Key topics will include drawing composition, annotation scale, and standards management.

3 – GEOPAK Visualization

Presenter: Derricke Gray, Bentley Systems, Inc.

For many years, visualization has been something that only 'high-end' users could accomplish. That is no longer the case. From materials to striping to trees, this presentation will introduce you to the tools and functionality you need to start visualizing in 3D.

4 – GEOPAK Drainage

Presenter: Dan Calistrat, DTM, Inc.

With all the increased rainfall across the majority of the country, Drainage mitigation is taking the forefront of civil engineering design. We'll show you how to set up the GEOPAK Drainage module to accommodate drainage designs that may be changing as storms increase in recurrence and intensity.

5 – Tips and Tricks for GEOPAK

Presenter: Bob Rolle, Bentley Systems, Inc.

Think you know everything about GEOPAK? Come and learn some tips and tricks about the GEOPAK that you may not know and improve your productivity.

6 – Data Acquisition, From Import to Surface

Presenter: Jeff Vaske, Midwest CAD Solutions

This presentation will demonstrate functionality of the GEOPAK Data Acquisition tools using MicroStation V8i. Topics will include data import, create surface, point and chain editing as well as tips, tricks, and best practices to enhance your user experience.

7 – City of Storm Lake, IA Asset Inventory/ Management GPS/GNSS Project

Presenter: Brett Black, The Sidwell Company

This presentation will outline a recent asset inventory/management GIS/GNSS project completed for the City of Storm Lake, IA. It will cover the field data collection process, office software and the workflow and integration process used to successfully complete and maintain the project.

10:30 – 11:30 AM**8 – What's New In V8i-SS1 and SS2?**

Presenter: Jeanne Aarhus, Aarhus Associates

Discover the new settings and configuration options available in the V8i workspace. Don't migrate your old workspace from XM to V8i without considering the new features and enhancements. If you don't learn the new features and tools, you WILL be missing out!

9 – Efficient Drawing Management with Dynamic Views

Presenter: Tom Stogdill, Bentley Systems, Inc.

Designed for MicroStation users and CAD administrators, this seminar will introduce you to the best practices for implementing dynamic views in your drawing production workflows. You will also learn how to properly integrate standards into those workflows. Key topics will include dynamic views, sheet models, annotations, and styles.

10 – Working in 3D Civil Designs SS3

Presenter: Derricke Gray, Bentley Systems, Inc.

If you haven't seen a preview of what's coming in SS3, then this is your chance. From a new user experience to on-the-fly modeling and dynamic updates, you don't want to miss this presentation. You will not be disappointed.

11 – GEOPAK Site

Presenter: Dan Calistrat, DTM, Inc.

GEOPAK Site is still the module of choice for designing intersections, gores, cross streets, channels, and any situation that is not applicable to a standard "corridor". We'll show you how to quickly set up and use the module and include tips and tricks for quick and easy designs that can be incorporated back into your "corridor" designs.

12 – So You Created Models, Now What?

Presenter: Corey Johnson, Bentley Systems, Inc.

This innovative presentation will demonstrate how models benefit you and your clients, and help you achieve specific objectives using Bentley's civil software or other infrastructure products. You'll learn how to model, visualize, extract deliverables, and publish from intelligent models. You'll also be shown how to use models "downstream" for construction staging, traffic control, and scenario analysis.

13 – Civil Accudraw

Presenter: Bob Rolle, Bentley Systems, Inc.

Have you ever used MicroStation's AccuDraw? Well, now it has been "civil-ized"! Discover how Civil AccuDraw can work for you!

14 – LEAP Bridge V8i SS2 Update

Presenter: Steve Willoughby, Bentley Systems, Inc.

In this session you'll hear the latest upgrades for LEAP products and learn more about LEAP Bridge Enterprise. New enhancements include ProjectWise integration, spec updates, an improved ABC wizard, girder stability analysis tools, and more. This presentation will also cover the new features to be released in the fall of 2011.



12:30 – 1:30 PM

15 – More on Selection in MicroStation*Presenter: Patrice Rhodes, P. H. Rhodes, Inc.*

The MicroStation Element Selection tool has evolved and improved over time and has many added capabilities. This one-hour session explores Element Selection, with an emphasis on the features and tricks that have been added in recent versions of MicroStation.

16 – ProjectWise for MicroStation Users*Presenter: Mark Hattersley, Bentley Systems, Inc.*

This session will discuss how ProjectWise works within the MicroStation environment. Reference file management, automatic title block updates, working with raster and Lidar data, workspace control, and some configuration options will be covered.

17 – Gore Design with Roadway Designer*Presenter: Chuck Lawson, Bentley Systems, Inc.*

This presentation will show you how to take full advantage of the vertical gore tool. You'll learn how to merge a ramp and mainline corridors into one seamless model using corridor-seeking point controls and hidden components.

18 – GEOPAK Drainage HEC-RAS Reporting*Presenter: Bob Rolle, Bentley Systems, Inc.*

Come and discover how to get GEOPAK information to HEC-RAS. We will use stream data information in GEOPAK and create a report for direct integration into HEC-RAS.

19 – Beginning Templates*Presenter: Corey Johnson, Bentley Systems, Inc.*

This presentation will provide a detailed overview of templates and end conditions. It will focus on the inner workings of templates and their capabilities, as well as the application of end conditions with templates at a beginner's level.

20 – CADD and GIS working Together Bentley Map*Presenter: Rod Wing, EnvisionCAD*

This session is designed for GEOPAK, InRoads, and MXRoads users who want to incorporate GIS data in their civil workflows. The session covers use of the Map Manager for creating and managing map layers and themed output as well as ArcView shape file interoperability capabilities and topology tools.

21 – gINT/ GeoStructural Analysis*Presenter: Steve Willoughby, Bentley Systems, Inc.*

In this session you will learn about Bentley's offerings for geotechnical and geostructural engineers. gINT is a powerful data management tool that helps you easily collect, validate, organize, access, and reuse your valuable borehole and subsurface data. The latest addition to the Bentley Geotechnical portfolio of products is the Civil Engineering Analysis and Design bundle of GEO5 products. From foundation design to stability analysis and multiple retaining wall designs, the integrated modules offer simple yet thorough design and analysis tools.



1:45 – 2:45 PM

22 – MicroStation Top Ten Support Questions (All New)

Presenter: Patrice Rhodes, P. H. Rhodes, Inc.

This one-hour session covers another great collection of support questions and answers that I have gathered while supporting administrators and users during my travels. This presentation might just prevent some problems for users, and help administrators and support people anticipate future questions.

23 – ProjectWise – Attribute Exchange Rules (Title Block Manager)

Presenter: Craig Tobias, Midwest CAD Solutions

This presentation will demonstrate the business benefits for implementing and using Attribute Exchange Rules to manage your organizations MicroStation, AutoCAD, and Microsoft office templates within ProjectWise. Topics will include implementation strategies, best practices, user acceptance and other important topics to ensure successful Title Blocks within a managed environment.

24 – Intersection Design with Roadway Designer

Presenter: Chuck Lawson, Bentley Systems, Inc.

If you've been told that Bentley civil products can't do intersections, you've been misled. This presentation will dispel any myths or misconceptions about this software. Discover the true power of Roadway Designer and how easy it is to do an intersection — and no programming is necessary. Come, see, and learn!

25 – Overlay Tools

Presenter: Derricke Gray, Bentley Systems, Inc.

In these economic times, it seems that 3R jobs dominate the civil marketplace. Bentley Civil has introduced a new set of Overlay Tools specifically for this design process. This presentation will cover these tools in detail.

26 – Intermediate Templates

Presenter: Corey Johnson, Bentley Systems, Inc.

This presentation will dig deeper into templates and end conditions. It will focus on what are parametric constraints, style constraints, display rules and where to use them. End conditions with more flexibility. This will be for users who attended the first session and users with some template experience.

27 – Customizing the Task Based Interface – Named Expressions

Presenter: Tom Stogdill, Bentley Systems, Inc.

MicroStation V8i Named Expressions are used to retrieve values from application data structures and properties of application data, such as files, models, and elements. You can use Named Expressions with the Customize utility to define conditions under which a tool, task, or a menu is shown or hidden, enabled or disabled. This session will show how named expressions are derived, stored and used to control the MicroStation interface.

28 – Challenges of a Stage-Constructed Modern Roundabout

Presenter: Joe Spradling, HDR Engineering Inc.

What are the challenges faced when you design a single lane roundabout to be constructed under full traffic operations? This presentation will answer that question by highlighting the design challenges faced with and solutions applied to Lake County Illinois' first single lane urban roundabout.



3:00 – 4:00 PM**29 – Tips and Tricks**

Presenter: Rod Wing, EnvisionCAD

The tips and tricks presented in this session are based on years of experience in training and consulting organizations on tools and techniques that are underutilized by most users. When used correctly, these tools can have an immediate impact on your productivity.

30 – Introduction to Dynamic Review

Presenter: Mark Hattersley, Bentley Systems, Inc.

This session introduces Bentley's Dynamic Review solution. Project review capabilities and best practices for model and paper-based reviews will be discussed, along with a detailed overview of Bentley i-models and what they offer the dynamic review end-user.

31 – Iowa DOT ProjectWise Update

Presenter: Steve Meyer, Iowa Dept. of Transportation

Learn the implementation plan for ProjectWise at the Iowa DOT. We will briefly discuss the plan with the what, why, how and when. In addition a synopsis of the information that will be made available to consulting firms after implementation.

32 – Data Acquisition / Bentley Survey

Presenter: Derricke Gray, Bentley Systems, Inc.

LIDAR, Point Clouds, DEM, Raw Data, Raster, and Graphics – the list of data types needing to be consumed by Survey goes on and on. Wouldn't it be nice to have one application to handle it all? Now you do. Come see how Data Acquisition can handle all of your Survey needs.

33 – Advanced Templates

Presenter: Corey Johnson, Bentley Systems, Inc.

This presentation will provide a high end look at templates and how they work with Roadway Designer. Want templates to mimic criteria, DON'T, this session will show you a better way. Retaining walls, complicated geometry, unique solutions that templates can solve will be discussed. This will be a high end look at templates to see what you can achieve with your libraries.

34 – Roadway Designer Can't Do That, Can It?

Presenter: Bob Rolle, Bentley Systems, Inc.

This presentation will show you how to model unique situations encountered on actual projects. You'll learn how to tweak Roadway Designer to work with such advanced design conditions as intersections, gore areas, bridge abutments, and more.

35 – ADA Guidelines

Presenter: Chris Malmberg, HDR Engineering, Inc.

What is ADA and what is a PAR? And what does that mean to my projects as a designer? This presentation will provide an overview of current ADA guidelines, where to find them and how they apply to your project.

4:15 – 4:45 PM**Closing Remarks & Door Prizes**

Lunch will be provided for all registered attendees including ½-day workshops.
Hands-on workshops have limited seating – 2 people per computer.

7:30 - 8:00	Registration and Continental Breakfast		
Room No.	150-154	167-171	175-179
	WS7	WS8	WS9
8:00 - 12:00	Basic Templates <i>Corey Johnson</i>	DWG Interoperability <i>Jeanne Aarhus</i>	Consistent Drawing Production with Annotation Scale <i>Tom Stogdill</i>
12:00 - 1:00	LUNCH (Stage Door Lounge 190) Afternoon Registration		
	WS10	WS11	WS12
1:00 - 5:00	Intermediate Templates <i>Corey Johnson</i>	Customizing MicroStation <i>Jeanne Aarhus</i>	Working with DWG and Other Formats in MicroStation <i>Tom Stogdill</i>

WS7 – Basic Templates

Presenter: Corey Johnson, Bentley Systems, Inc.

This presentation will provide a detailed overview of templates and end conditions. It will focus on the inner workings of templates and their capabilities, as well as the application of end conditions with templates.

Prerequisite: Beginner Roadway Designer Experience

WS8 – DWG Interoperability

Presenter: Jeanne Aarhus, Aarhus Associates

Using DWG is easier than ever before, but understanding the DWG format may still be a mystery to many of you. Just being able to open and reference a DWG may not be enough for complete interoperability; you also need to know how to manipulate the data to fully use it in your projects. This session will answer many of those mysterious DWG anomalies that arise every day during a project. Learn what to use and what to avoid in a “multi-CAD” environment and improve your understanding of DWG.

Prerequisite: Beginner MicroStation experience

WS9 – Consistent Drawing Production with Annotation Scale

Presenter: Tom Stogdill, Bentley Systems, Inc.

Designed for MicroStation users and CAD administrators, this hands-on workshop will focus on how annotation scale can be implemented as a part of your project standards and how to integrate it into your drawing production workflows. Key topics will include drawing composition, annotation scale, and standards management.

Prerequisite: Advanced MicroStation and Geopak skills

WS10 – Intermediate Templates

Presenter: Corey Johnson, Bentley Systems, Inc.

This hands-on workshop for intermediate users will delve into parametric constraints, component name overrides, display rules, values, equations, alternate surfaces, point controls, and more. Get ready for the big leagues; this workshop is for heavy hitters.

Prerequisite: Beginner Template and Roadway Designer experience

WS11 – Customizing MicroStation

Presenter: Jeanne Aarhus, Aarhus Associates

This session takes an in-depth look at customizing MicroStation for individual disciplines and users. In this session you will learn to create custom tool boxes, frames, and menu bars; in addition to implementing and utilizing the basics of Named Expressions to increase standardization and productivity immediately. If you have trouble maintaining standards or you just want to improve MicroStation to work "your way", this session is designed for you!

Prerequisite: Beginner MicroStation experience

WS12 – Working with DWG and Other Formats in MicroStation

Presenter: Tom Stogdill, Bentley Systems, Inc.

Designed for MicroStation users and CAD administrators, this hands-on workshop will show you how you can work with data in DWG format and efficiently interchange that data with project participants. Key topics will include Real DWG, standards and batch operations.

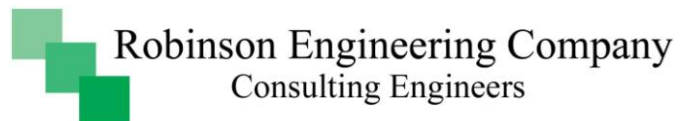
Prerequisite: Beginner MicroStation experience.



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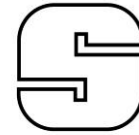
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What is the BE User Group?

The BE User Group is the collective union of all chapters of The MicroStation Community, the GEOPAK User's Group, InRoads Users, the AutoPLANT User Group, and the MX Users.

This global community supports the users of Bentley products by hosting annual BE Meeting user training events, and other activities. Each group is independently managed, but all share the same mission: sharing ideas and building knowledge.

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