



The Envision Group Inc. specializes in MicroStation, InRoads, AutoCAD, Civil 3D & CAiCE software. We utilize our experience by teaming with you to provide training, consulting, and support to users and system administrators. We also provide 3D modeling and rendering services using MicroStation, InRoads, and other advanced software.

News

Autodesk University 2008

Karen Weiss has been selected to speak at Autodesk University 2008. Her class will take an in-depth look at one of the key features in Civil 3D: Subassemblies. The presentation will cover the different items that must be considered when writing a specification for a custom subassembly (or understanding the help files of existing subassemblies). From defining the behavior of the subassembly, to defining point, link and shape codes and understanding what they mean and how they influence things like labeling in cross section view.

The class targets transportation professionals seeking to understand the inner workings of subassemblies so they can be used more effectively. If you have been using Civil 3D and want to learn more about the power of subassembly technology, this is a session you won't want to miss.

Legal Stuff:

We do not sell Bentley or Autodesk products.
MicroStation and InRoads are Bentley products and trademarked as such.
AutoCAD, Civil 3D, and CAiCE are Autodesk products and trademarked as such.
We only offer this information as a benefit to our subscribers.

IN THIS ISSUE

[News](#)
[Events](#)
[MicroStation Tip](#)
[MicroStation XM Tip](#)
[VBA Tip](#)
[InRoads Tip](#)
[AutoCAD Tip](#)
[Civil 3D Tip](#)
[Open Enrollment Classes](#)

SPREAD THE WORD

Spread the word. Pass this newsletter on to a friend. If a friend forwarded this issue to you, [sign up](#) for your own copy.

QUICK LINKS

[Click for past issues](#)



Events

[<< back to top](#)

[CAD Managers Forum](#)

August 2008

Madison, Wisconsin

Now expanded to include a technical session

[Contact Us](#) for meeting details

[Mid-Continent MicroStation Community 2008 Conference](#)

August 26-27, 2008

Overland Park Convention Center

Overland Park, Kansas

[Visit Our Booth](#)

[The IDDEA Group 2008 Fall Conference](#)

October 1-3, 2008

Scheman Center

Iowa State University Campus

Ames, Iowa

[Visit Our Booth](#)

[2008 WCA Annual Conference and Marketplace](#)

October 12-14, 2008

Kalahari Resort & Convention Center

Wisconsin Dells, WI

[Visit Our Booth](#)

[Autodesk University](#)

December 2-5, 2008

The Venetian Hotel

Las Vegas, NV

[Visit Our Booth](#)

[Nebraska User Group Sprint 2009 Conference & Workshops](#)

March 2009

Cornhusker Marriott

Lincoln, Nebraska

Bentley BE Conference 2009

May 11-13 2009

Charlotte, North Carolina

MicroStation Tip

[<< back to top](#)

Placing Superscript Text

Start by creating a child text style in Text Styles editor and name it accordingly. Go to the Spacing tab and check on Super Script and save it.

[\[MICROSTATION TIP \]](#)

MicroStation XM Tip

[<< back to top](#)

Print Destination

This option is only enabled when using a Windows printer driver. For any Windows printer the user has three options:

[\[MICROSTATION XM TIP \]](#)

VBA Tip

[<< back to top](#)

Arrays

VBA provides the LBound and UBound functions for retrieving the lower and upper bounds of an array. When looping through an array many developers will conserve lines of code by putting the LBound and/or UBound functions in the loop test statement. This can decrease the performance of your application as these functions are called on every iteration through the loop.

[\[VBA TIP \]](#)

InRoads Tip

[<< back to top](#)

Quick Horizontal Annotation

From the InRoads Workspace bar Select the horizontal alignment.

[\[INROADS TIP \]](#)

AutoCAD Tip

[<< back to top](#)

Freeze-Thaw versus On-Off

The question is often asked, why freeze a layer versus turning it off? What's the difference? When a layer is Frozen or Turned Off, objects on those layers are not displayed or plotted, but this is where the similarity ends.

[\[AUTOCAD TIP \]](#)

Civil 3D Tip

[<< back to top](#)

Creating an Alignment and Profile from a Grading Feature Line

There is currently no direct way to do this in Civil 3D. Since this is something I have found the need to do, the workaround is outlined here.

[\[CIVIL 3D TIP \]](#)

[\[Tip Archives \]](#)

Open Enrollment Classes

[<< back to top](#)

MicroStation V8 2004 Power User	July 8-9	Madison, WI
MicroStation V8 2004 Upgrade	July 24-25	Madison, WI
MicroStation V8 Fundamentals	September 15-18	Madison, WI
MicroStation V8 2004 Upgrade	September 22-23	Madison, WI
MicroStation V8 2004 Power User	October 14-15	Madison, WI
InRoads Update	July 15-16	Madison, WI
InRoads Site	August 4-6	Madison, WI
InRoads Survey	August 14-15	Madison, WI
InRoads Fundamentals	September 8-12	Madison, WI
InRoads Update	October 2-3	Madison, WI
AutoCAD Fundamentals	July 28-31	Madison, WI
AutoCAD Fundamentals	October 6-9	Madison, WI
AutoCAD Map 3D	October 21-23	Madison, WI
AutoCAD Civil 3D Fundamentals	August 25-27	Madison, WI
Residential Grading	August 28	Madison, WI
AutoCAD Civil 3D Introduction to Corridor Design	September 24-25	Madison, WI
Advanced Concepts in Civil 3D	September 29-October 1	Madison, WI
AutoCAD Civil 3D Fundamentals	October 27-29	Madison, WI

[Residential Grading](#)

October 30

Madison, WI

To be removed from this monthly newsletter, please reply to this message and note your wishes.

[Top](#) | [Contact us](#) | [Visit our web site](#)

The Envision Group: 8517 Excelsior Dr, Suite 102, Madison, WI 53717