

Civil Synopsis

Groundbreakers Civil 3D User Group (GBUG)

June 11, 2009

Not a big showing this meeting. The following people attended...

Company Name	First Name	Last Name
American Water	David	Patrick
BIS Fru-Con Engineering	Dan	Hull
BIS Fru-Con Engineering	Mickie	Redhage
Burns & McDonnell	Ben	Clement
Burns & McDonnell	Eric	Dulle
CDG Engineers Architects Planners Inc.	Andy	Worfler
Civil & Environmental Consultants Inc.	Cynthia	Colthorp
Cole & Associates	Bob	Genta
Mike Grzovic	Mike	Grzovic
Parsons Harland Bartholomew & Associates	Mike	Brown

The meeting started off with Dan Hull presenting Section Views. His presentation is available for download from the website.



Dan Hull
Civil CAD Technician
[BIS Fru-Con Engineering](#)
[bio](#)

He also mentioned there are some great videos on Utube. One is the Wisconsin DOT and how they are using Navisworks and Civil 3D. Another is Civil 3D and MEP, showing how Civil 3D works with Autocad MEP.

A few questions arose...

1. Is there a way to add station markers on an extra long sample line?
2. Is there a way to change the location of the table for cut and fill? It was proposed by David Patrick of American Water to cut the formula from the text and add it to the tables in the location you wish.
3. Is there a way to lock styles on individual machines?

If anyone has answers they'd like to share, please email Tracy or Amy.

A few other comments were made...

1. You can drag and drop styles from different drawings through the prospector tab
2. Still no good flared end section for modeling
3. DOE2 is no longer accepted for government projects. Some clients are using Design Builder now. Energy Star must be used now. Proposed question to Autodesk Territory Manager to see if Autodesk is working on a solution.
4. If you want to coordinate with Revit, start in Civil 3D, lay out the grid and then give that grid to the architect. This avoids problems later with coordinates.

Hagerman & Company, Inc. is now authorized to offer Plant Solutions. This includes Autocad P&ID that's available now. Autodesk Plant will be available this fall.

Here is info on the next meeting...

Thursday, September 10, 2009

"Civil 3D from a utility perspective - a little redesign can save a lot of money"

How understanding the impacts of your design decisions can help save you not only the budget, but also the project schedule. Ideas on what type of conflicts to look for. How to use some of Civil 3D's tools to help you find them, and hopefully fix them.

Presenter: **David Patrick** has been employed by American Water as a Senior Engineering Technician since 2006; he has 15 years experience in the Civil Engineering industry in both the UK and US.

He graduated in Civil Engineering from Robert Gordon University in Aberdeen, Scotland in 1994. He was previously registered with the UK Engineering Council as an Incorporated Engineer and was a Member of the Institute of Incorporated Engineers.

His first experience with CAD was using AutoCAD 10 in a UNIX environment and he is currently an AutoCAD 2009 Certified Professional.

His engineering experience has involved the use of a number of industry standard programs including various versions of AutoCAD and Microstation, Civil 3D, GEOPAK, InRoads, and Eagle Point, along with numerous hydraulic modeling programs.

He is currently involved with the design and relocation of distribution and transmission water mains up to 42-inches in diameter in conflict with designs by developers, municipalities, MSD and MoDOT.

Thanks again to our GBUG co-chairs for providing such great leadership and ideas to the group!

Groundbreakers Civil 3D User Group Co-Chairs



Daniel Hull
Civil CAD Technician
[BIS Fru-Con Engineering](#)
[bio](#)



Cynthia Colthorp
CAD Manager
[Civil & Environmental Consultants Inc.](#)
[bio](#)

Please contact Tracy (tracyfisher@hagerman.com) or Amy (amyameling@hagerman.com) if you have comments or suggestions. Feel free to bring anything to **show n share** or provide us with **classified ads** you would like to go to all GBUG members. **Please let everyone know about the group.** We're always happy to have more attend!