That CAD Girl

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September 15, 2011
This blog is in the process of being transferred to www.ThatCADGirl.com. Please join us there.

Originally posted on **Carlson Connection** by Jennifer Dibona

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We're Now On Facebook

September 15, 2011
Or maybe I should say, "We're now on Facebook… again"! Kudos to those few people who stumbled onto the Facebook account I played around with and forgot to delete months ago, but a new That CAD Girl Facebook page has now been launched.

I plan to use Facebook as the primary method of keeping everyone up to date on the latest events & training classes and news about Carlson and Autodesk software releases. Hope to see you there!

End of Year Workshops – Statesville, Asheville, Wilmington and Raleigh NC

September 15, 2011
We are finally able to announce our end of year workshops for 2011. With the weather problems we encountered last year we decided to hold the events in the western end of North Carolina in November and toward the coast in December.

The cost to attend each event is $99 and lunch is included. See below for early bird registration details for each event. NC Licensed Surveyors and Engineers will receive 8 PDH

credits and all attendees will receive a certificate confirming their attendance. We will have door prizes, software giveaways and **special software or hardware pricing that is available the day of the show only**.

We will be in Statesville on Tuesday, November 15th and Asheville on Thursday November 17th. Early bird registration is $89 through September 30th.

We will be in Wilmington on Tuesday, December 13th and Raleigh on Thursday December 15th. Early bird registration is $89 through October 31st.

You will be able to choose the sessions you wish to attend. This year's sessions include:

- **GIS from A to Z** and **Responding to GIS-related RFPs**
  presented by Janet Jackson (GIS Janet) of Intersect
- **Overview of Carlson Takeoff & Preparing Machine Control Data**
  presented by Todd Carlson of Carlson Software
- **Intro to SurvNet & Least Squares**

presented by Donnie Stallings, the original developer of the product

- **CAD Standards Roundtable & Discussion**
  presented by Jennifer DiBona, That CAD Girl
- **CAD Tips & Tricks** and hints for sharing data with others
  presented by Jennifer DiBona, That CAD Girl
- **Overview of Carlson Software 2012** (Survey, Civil, Hydro, GIS, Point Clouds)
  presented by Scott Griffin of Carlson Software
- **Field to Finish with Carlson Survey & SurvCE and the Surveyor+ GPS System**
  presented by Butch Herter of Carlson Software and Jeremy Taylor
- **Preview of future Carlson hardware**
  presented by Butch Herter of Carlson Software and Jeremy Taylor
- **Road Design and Site Design with Carlson Civil & Hydrology**
  presented by Scott Griffin of Carlson Software

Note that all classes are not scheduled at all events and locations. See each workshop announcement for specifics.

Seats are limited so register online, call 919.417.8351 or email us to register.

Meet Jeremy Taylor – Now Helping Me Out with Hardware & Data Collection

September 15, 2011
I'm happy to announce that Jeremy Taylor, PLS of Taylor Land Consultants has agreed to start helping me out with Carlson Software, data collector, GPS and other hardware sales. I asked him if he'd mind pitching his voice higher as he answered the phone:

Having never been a practicing land surveyor, I have not been able to promote or discuss Carlson's stable of data collection software or hardware as well as I'd like. I have hoped to find someone who knew the products well and could

present them well, but was not a salesman. I think Jeremy will be the perfect fit.

He is very well-known and just as well-respected here in the Raleigh NC area and, I believe, will be a great resource for all of us. Like me, Jeremy is a fan of Carlson's offerings but is more concerned with providing the right solution for our customers rather than simply trying to sell the latest and greatest piece of equipment. Please take a moment to read Jeremy's Bio here.

If you have questions on SurvCE, Carlson Survey, data collectors or GPS equipment, please feel free to contact Jeremy at (919) 335-3444 or email him at surveyor.gps@gmail.com. Going forward I think you can expect to see more of a focus on these products including special pricing and field demonstrations.

What is Carlson up to?

September 15, 2011
This is a good article about Bruce Carlson and where Carlson Software is planning to go in the future…

Independence All the Way

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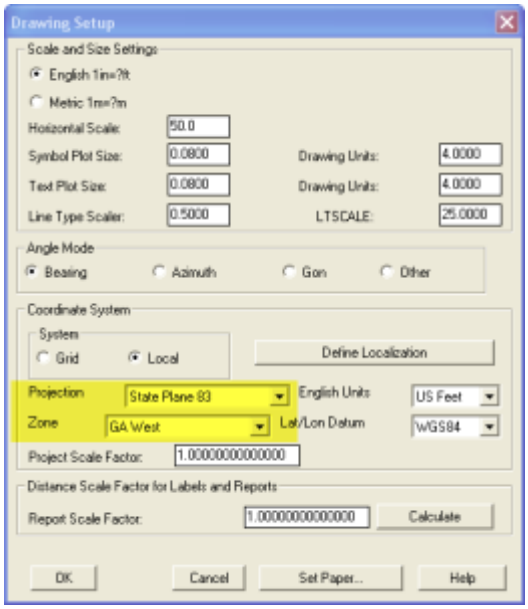
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Export IntelliCAD or AutoCAD DWG files to Google Earth

September 15, 2011
I've recently started using a very cool feature in Carlson Software. The bad thing… it was in the 2009 version and I didn't even realize it!

I had no idea exporting our DWG files from IntelliCAD or AutoCAD out to Google Earth was so easy.

1. Download and install Google Earth. You can download it here: http://earth.google.com/
2. Open any one of your project DWG files that has been positioned at its correct state plane coordinate system.
3. In Carlson, go to Settings –> Drawing Setup and then select the correct **Projection** and correct **Zone** for the project site. If you're not sure of the **Projection**, try using "State Plane 83". This will work for most systems.



4. Next, go to File –> Polyline File –> Write Polyline File. When prompted for "Polyline File Format", type

"G" for Google. You will be prompted to specify a new filename and save location for a "Google Earth File to Write (.kml)".

5. You will then be prompted to select the entities that are to be exported out to the .kml file and viewed in Google Earth. After selecting the entities, press Enter. For this exercise, we only want to see the drawing entities in 2D, so press "N" for "No" when prompted to "Use elevation from drawing in Google Earth [Yes/<No>]?"
6. Finally, you are then prompted "Would you like to display the file in Google Earth now [<Yes>/No]?". Press "Y" for "Yes". Google Earth should automatically launch and zoom into the project location.

In the example shown below and pointed out with arrows, notice how closely the new roads and designed turn lanes match up to the existing roadway. Also, you can see the designed graded slopes perfectly avoiding the tank that is to be preserved during construction.
Not too shabby…

This feature is available in all of the Carlson Desktop products: Carlson Civil, Survey, Hydrology, Construction and

TakeOff.

Look for a future post on bringing Google Earth surface data into Carlson Software. Hint: It’s easy too!

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Dewberry – Aligning Technology with Business Strategy

September 15, 2011

Some of you may have heard David Palumbo, PE, Technology Manager for Dewberry, at the Carlson User’s Conference back in April. For those that missed his presentation, his story has been published in CE News this month. Read about the process Dewberry used to evaluate new technology, its impact on their business methodology, and how they planned the roll-out and implementation. Regardless of the size of your

company or the software you use, there are some good tips and pointers in this article.

http://www.cenews.com/article.asp?id=3928

Originally posted on **Carlson Connection** by Felicia Provencal

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Carlson Webinars – BIM, GIS and CAD Standards

September 15, 2011
Carlson Software recently asked Felicia and me to present webinars on topics we have particular interest in or specialize in.

Felicia's webinar on BIM, GIS and Carlson Software can be viewed here: BIM, GIS and Carlson Software Webinar

My webinar on CAD Standards can be viewed here: CAD Standards for Carlson Software with AutoCAD or IntelliCAD

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Carlson 2010 Sneak Peek

September 15, 2011
The highly anticipated Carlson 2010 release offers clients hundreds of new or improved features from that found in Carlson 2009 and continues Carlson Software's track-record of delivering responsive solutions to client-requested technology needs.

Carlson-IntelliCAD GIS Starter Kit from ESRI

September 15, 2011
Those currently using Carlson with IntelliCAD are eligible

for a new “GIS Starter Kit” from ESRI. The Kit includes:

- ArcGIS ArcView desktop software
- A copy of the book *A to Z GIS: An Illustrated Dictionary of Geographic Information Systems*
- A copy of *GIS Tutorial: Workbook for ArcView 9*, Third Edition
- A 10% discount for the ESRI Survey & Engineering GIS Summit ($325 – standard registration price)

To take advantage of the offer, call 1-800-GIS-XPRT (1-800-447-9778) and request the **Carlson-IntelliCAD GIS Starter Kit** and **please have your Carlson Serial Number available**.

You can read more about ESRI’s commitment to survey and engineering services by visiting http://www.ESRI.com/engineering.

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