

That CAD Girl

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End of Year Workshop - Statesville, North Carolina Tuesday, November 15, 2011

Time: Sign In begins at 7:30 am
Training starts at 8:00 am

Sessions: 8:00 - 8:30 Opening Session & Welcome

8:30 - 10:00 Morning Session #1

- 1a) Jennifer DiBona - CAD Tips & Tricks and tips for sharing data
- 2a) Scott Griffin - Overview of Carlson Software

10: 15 - 12:00 Morning Session #2

- 2a) Jennifer DiBona - CAD Standards Round Table & Discussion
- 2b) Todd Carlson - Overview of Carlson Takeoff
- 2c) Janet Jackson - GIS from A to Z and Responding to GIS RFPs

12:45 - 2:45 Afternoon Session #3

- 3a) Butch Herter & Jeremy Taylor - Carlson Survey, SurvCE Office & Field Demonstration
- 3b) Scott Griffin - Civil Site Design with Hydrology
- 3c) Donnie Stallings - Intro to SurvNet & Least Squares

3:00 - 4:45 Afternoon Session #4

- 4a) (Repeat) Butch Herter & Jeremy Taylor - Carlson Survey, SurvCE Office & Field Demonstration
- 4b) Scott Griffin - Civil Road Design
- 4c) Donnie Stallings - Hands On with SurvNet

4:45 - 5:00 Wrap Up

See next page for detailed session descriptions & guest biographies.

Location: Statesville Civic Center
300 South Center Street
Statesville, North Carolina

Snacks/Lunch: Coffee, water & snacks, box lunch provided

PDH Credit: 8 credit hours

Register Here: <https://www.regonline.com/2011statesville>

End of Year Workshop

Tuesday November 15, 2011

Statesville, North Carolina

Session Descriptions - You can attend one class in each session

Morning Session #1

- 1a) CAD Tips & Tricks, Tips for Sharing Data
- 1b) Overview of Carlson Software including Survey, Civil, Hydrology, GIS & Point Clouds

Morning Session #2

- 2a) CAD Standards Round Table - This session is a discussion group for those who would like to kick start CAD Standardization in their office. This session will present a variety of questions & discussion topics regarding pros and cons, highlights and lowlights of developing and implementing CAD Standards. The class will break into small groups to discuss the issue and come up with solutions.
- 2b) Overview of Carlson Takeoff - This session will be an introduction to Carlson Takeoff for use in quantity takeoffs and data preparation/conversion for surveyors, engineers & contractors.
- 2c) GIS from A to Z This class will offer you a quick and easy way to learn some of the most common GIS terms and their meanings; such as the difference between *geocoding* and *georeferencing*. Find out if you are prepared to discuss your clients *feature attributes* needed for their *data dictionary* or if you should let someone else handle those comments. By the end of this presentation you will be saying and spelling new GIS words faster than you can say *personal geodatabase*. Be sure to bring a notepad and pencil - a short quiz will allow you to test your new vocabulary.

Responding to RFPs - Getting your hands on a recently released Request For Proposal (RFP) can be exciting - but it might also be a source of headache if you're not sure what it all means. Too often the school of hard-knocks is our teacher - but it doesn't have to be that way. Don't find out the hard-way (by costing you money) that your interpretation of what is needed is not what the client had-in-mind. This lively presentation, filled with examples and tips, is a *must attend* for anyone interested in gaining more business by accurately reading, creatively writing and efficiently responding to an RFP that has a GIS component.

Afternoon Session #3

- 3a) Carlson Survey and SurvCE Office and Field Demo - See this office and (weather-permitting) field demonstration of the Field to Finish feature using Carlson's new Surveyor+ GPS System. We will also be demonstrating additional hardware and data collection equipment that is currently in development.
- 3b) Carlson Civil Site Design & Hydrology - This session will cover feature in Carlson Civil that are helpful in designing and grading of site projects. We will also demonstrate stormwater design using Carlson Hydrology.
- 3c) Intro to SurvNet & Least Squares - This demonstration & presentation will cover an overview of Carlson's SurvNet program and explain the general principles of Least Squares Analysis.

Afternoon Session #4

- 4a) (Repeat) Carlson Survey and SurvCE Office and Field Demo - See this office and (weather-permitting) field demonstration of the Field to Finish feature using Carlson's new Surveyor+ GPS System. We will also be demonstrating additional hardware and data collection equipment that is currently in development.
- 4b) Carlson Civil Road Design & Hydrology - This session is a complement to the prior Civil Site Design class and will cover road design with Carlson RoadNet and how it coordinates with Carlson Hydrology for stormwater design.
- 4c) Hands On Intro to SurvNet - This hands on session will allow you to go through several sample files with Carlson's SurvNet Least Squares program. Class size is limited to 12, others will be waitlisted and allowed to attend the class but will be observing only. Attendees must bring their own laptop. We will provide trial versions of the software to be used during the training class.

Special Guests

Todd Carlson is the Takeoff Product Manager for Carlson Software handling product development, training and technical support for Carlson's Takeoff and Construction office software packages.

Janet Jackson, GISP became enthralled with GIS after seeing the possibilities of its problem-solving abilities. While working in Facilities Management at Duke University, Janet learned firsthand about mapping infrastructure in a GIS. It was that on-the-job training that nudged Janet to earn a degree from UNC-Chapel Hill in geography with a GIS focus and a minor in information systems. She is certified as a GIS Professional and heads INTERSECT™ GIS activities company-wide. CE News, GeoWorld and Professional Surveyor magazine include Intersect in their monthly features column.

Donnie Stallings, PLS has been a NC professional land surveyor for over 24 years. He graduated Summa Cum Laude with a BS degree in Survey Engineering from New Jersey Institute of Technology. While at NJIT he studied statistics and least squares under Dr. Josh Greenfeld. Additionally he attended graduate school at NCSU where he studied Forestry, Spatial Information Systems and Statistics.

Donnie wrote the SurvNet program in the late 90's for his own use and as an intellectual challenge. He sold SurvNet to C&G Software. Carlson Software acquired SurvNet when they purchased C&G Software, and Donnie continued to improve SurvNet under Carlson Software's ownership.

Donnie gets much satisfaction from showing fellow surveyors the usefulness and power of least squares and statistics in the analysis of survey measurements.

That CAD Girl - End of Year Workshops

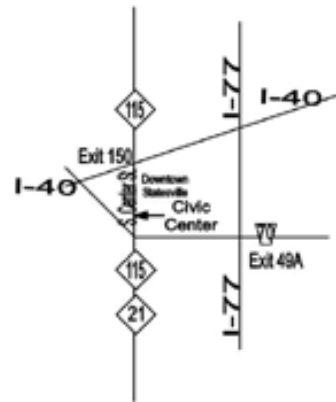
statesville civic center

300 south center street

statesville, north carolina

november 15, 2011

phone 919-417-8351



Directions to Civic Center

The Statesville Civic Center is located at the intersection of Front and Center Streets in downtown Statesville.

From Northbound I-77, take exit 49A and turn left on highway 70 to highway 115/21 (Center St.). Turn right and the Civic Center is on the left.

From Southbound I-77, take exit 50 and turn right on East Broad Street. Go straight into town and turn left on South Tradd Street then right on E. Front Street. At the light turn left and the Civic Center is on the right.

From I-40, take exit 150 and drive south on highways 115/21 (Also, known as Center St.). Travel one and a half miles and the civic center is on the right.