

That CAD Girl

It's been a fun (and busy!) few weeks...

November 28, 2015

Thanks to everyone who attended our workshops in Statesville & Hendersonville this month! We were pretty much busting the seams of our event space in Hendersonville and we'll be better prepared for the crowd next year. I think it's safe to say we'll be back for a full day.

Here are a few snapshots of me and "the crew" who helped create this 3-ring circus.



From left: Jeremy Taylor, aka "That CAD Guy"; Mark Long, Civil & Hydrology Training and Support for Carlson Software; me; Scott Griffin, National Civil Sales Director for Carlson Software; Butch Herter, Director of Hardware for Carlson Software and Mike Jones, Inside Sales Support for Carlson Software.

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Pardon the smirks – a crude comment was made instead of just saying “Cheese!”



Yeah, this is a little more honest.
I think we were at the end... of the day.

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Tuesday in Statesville



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Tiny bit of false advertising.

This is Jeremy, That CAD Guy, explaining the ins-and-outs of Traverse Adjustment in Carlson Survey.

Feel like you missed out? There's still time to register for our encore presentations in Raleigh in mid-December. [Click here to find out more](#)

Carlson 2016 Released

November 28, 2015

[See below for 8-7-2015 update]

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[Carlson Software](#) made the 2016 version of their desktop software available for download yesterday. The products released include all desktop products that run with the included IntelliCAD or on top of your own AutoCAD-based software. The 2016 OEM/embedded AutoCAD versions of Survey and Takeoff are expected to be released in a month or so.

The programs included in this release include [Civil Suite](#), [Takeoff Suite](#), [Survey](#), [Civil](#), [Hydrology](#), [GIS](#), [Basic Mining](#), [Geology](#), [Underground Mining](#), [Surface Mining](#), [Natural Regrade](#), [Field](#), [CADnet](#), [GeoTech](#), [Trench](#), [Construction](#) and [Point Clouds](#). Carlson 2016 includes IntelliCAD 8.1 and can also be installed on top of any full AutoCAD-based software from 2010-2016. This includes AutoCAD, Map and Civil 3d but does NOT include AutoCAD LT.



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[You can see the full list of Carlson 2016 Improvements here.](#)

One thing that's new for 2016 is that there are separate downloads for 32- and 64-bit systems. [You can download the 150731 Build of either file here.](#)

If you are currently on Carlson's maintenance plan, [you can click here to find your 2016 serial number](#). You'll need your 2015 serial number and primary contact information for the owner of the software. If you have trouble, [feel free to email me](#) and I'll do what I can to help get you up and going. Or, [request a proposal](#) to upgrade or renew your maintenance now.

[I can provide a 30 day trial](#) if you'd like to test-drive for a bit and am also offering a free test-drive to [one of my upcoming webinars](#). Starting with tomorrow's [Introduction to Carlson Software – Settings, Setup, Configuration & Points webinar](#), I'll be presenting in the 2016 software.

If you're curious how Carlson compares feature- and price-wise to Civil 3d, Land Desktop, Eagle Point, Terra Model or

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others, [email me](#) or follow these links to [request a demo](#) or [request a custom proposal](#).

8/7/2015 Update: One other change to the platform support for Carlson 2016 will be important to a lot of you: Carlson 2016 with IntelliCAD no longer works on top of Windows XP; however, you can run Carlson 2016 on top of an AutoCAD 2010-2016 on an XP machine.

Carlson Software and Windows 10

November 28, 2015

Microsoft released the Windows 10 operating system for PCs this week and a lot of Carlson users have jumped to install the shiny (and free) new thing. I always recommend waiting a few weeks for kinks and bugs to be worked out before installing anything that affects all your program installations and can have such a big impact on your

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productivity.

However, I've heard from a lot of you who've already tried it out with Carlson 2015 and even earlier versions. Most have had success but some have called or emailed with questions. I reached out to Carlson's tech support to ask what Carlson users can expect with Windows 10 – this is the response I received:

We have tested Carlson 2016 on pre-release Windows 10 and did not see any issues in limited testing. We expect to have 2016 compatible with Windows 10 when it ships. We may address some minor issues with Carlson 2015 if they arise, but not older versions.

If you haven't renewed your maintenance plan or upgraded for awhile, now is really a good time. If you renew your maintenance now, before 2016 is released, you will get an immediate upgrade to 2015 and then will also receive the upgrade to 2016. Also, if your maintenance has expired, your cost to renew maintenance will increase once 2016 is released because you'll be an additional version behind.

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[Click here to request a proposal](#) for new licenses, for upgrades or maintenance renewals and find out what other goodies That CAD Girl includes with your purchase.

Update: [Carlson has now posted this to their website](#)

Special Financing Offer Thru 8/31/2015

November 28, 2015

That CAD Girl is working with Carlson Software and Advance Acceptance to offer special, low rate financing through 8/31/2015.

Rates of 0%, 1.99% and 2.99% are available for new software purchases and for Carlson BRx5 GNSS Receivers. Minimum purchase is \$5000.

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A few other details apply – call or [email](#) to find out more or [click here to download the promotional brochure](#).



Current Autodesk Promotions – Rebates, Renewals & AutoCAD LT

November 28, 2015

With the [end of perpetual licensing for some/most Autodesk products](#) coming on January 16, 2016, Autodesk is running a few promotions to encourage current users to embrace the switch.

[Click here for Autodesk's Buyer's Guide](#) or [email me](#) to request access to the recording of my recent webinar with an Autodesk reseller and Carlson Software programmers

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explaining how these changes may affect us going forward.

You will want to touch base with your local Autodesk reseller or, if you don't currently work with anyone, [email me for a recommendation...](#)

Some of the promotions include:

- Discounted purchases of AutoCAD LT
- Rebates on new seats, maintenance and desktop subscriptions – Ends July 24, 2015
- Financing options and discounts for multi-year renewals – Ends July 24, 2015

Join Bruce Carlson for a first look at Precision 3d

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Culverts

November 28, 2015

[If you missed this presentation, you can watch it here](#)

I'm very pleased to announce that Bruce Carlson, President of [Carlson Software](#), will be presenting an encore of his Intro to Precision 3d Culverts webinar for me on Tuesday March 31st.

Even though he'd barely finished the first webinar and I was asking him to do another one, Bruce was excited and ready for the next one! He emailed:

Perfect—I kicked myself after yesterday's webinar for not showing multiple barrels, which shows solid cutting into the headwalls instantaneously and is very impressive, searing in the memory when people see it (since pipes cut in and re-size accurately to smaller pipes). I won't leave that one out on March 31st.

This is a bonus to my [regular monthly webinars](#) and no

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previous purchase is required... It's open to all and you can register here: [Register Now! for Precision 3d Culverts Webinar with Bruce Carlson](#)

Also, don't forget that Carlson will be hosting their User Conference at the end of April. [You can learn more by following this link](#). I'll be presenting 3 training sessions and I hope to see you all there!

From the 3/15/2015 press release:

Just released, Carlson's revolutionary Precision 3D Design-Culverts software is an easy-to-use program for designing stormwater-related systems.



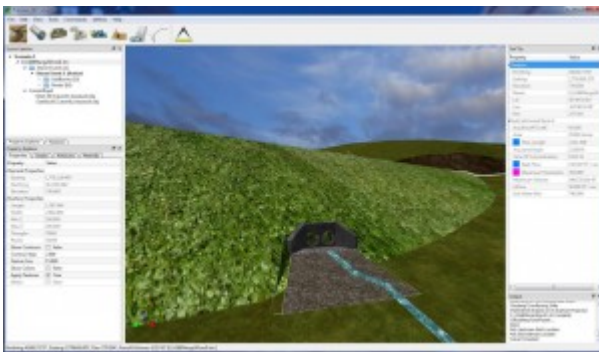
CARLSON
PRECISION 3D
culverts

Much more than just a visualization tool, the software

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utilizes the newest technologies to allow drag and drop options for strategically placing pipes and culverts and for selecting headwalls and endwalls from an ever-growing list of manufacturers. It enables the sizing of culverts and delineation of drainage areas, plus tracking of runoff from surface models.

“You can place and also easily move culverts and headwalls to new locations with full dtm restoration,” says Bruce Carlson, president of Carlson Software. “Engineers will get instant feedback to changes to their on-screen design.”

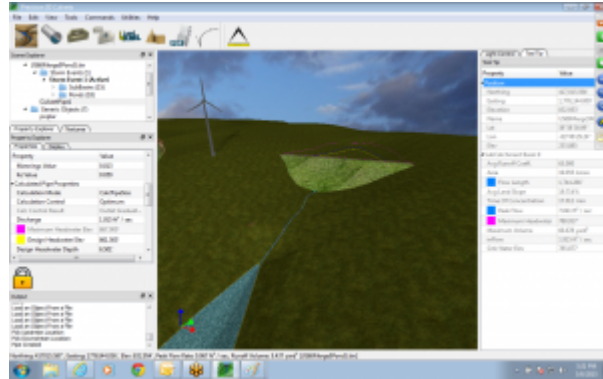


Once a digital terrain model from CAD, Google Earth, or other source is imported, the on-screen image accurately reflects the materials represented, such as roadways, embankments, rocks, fields, etc.

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Other innovations in the software include the ability to:

- *Grade surfaces for both upstream and downstream designs;*
- *Delineate drainage and ponding areas;*
- *Determine peak flow automatically from CN and C*



factors and terrain;

- *Size culverts and place at low points;*
- *Choose from multiple barrel options;*
- *Output PDF reports for any selected culvert pipes having flow and headwater across multiple storm events; and*
- *Use for retention pond design and pond dewatering.*

Carlson Precision 3D Design-Culverts is made to integrate easily into Carlson engineering software, Carlson Civil and Carlson Hydrology. It is also made to work with AutoCAD®

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and MicroStation® software applications.

March, April & May Webinars – Now Posted!

November 28, 2015

I've just updated my list of [Upcoming Webinars](#) for the next few months. There are several new and reconfigured sessions and I've got Mark Long, Carlson's Hydrology expert, on board to show a lot of the design capabilities in Carlson Hydrology in March. Mark's the best and I think you'll get a lot out of his training.

A couple other classes are on the list because you asked for them! They're narrowly focused classes on very specific topics: [Carlson Annotation](#), [Surfaces and Breaklines](#) and

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Working with Paper Space, Sheet Set Manager and Creating Custom Title Blocks. You'll have ample opportunity to ask questions and start using what you learn right away!

Here's the link to [pre-register](#) and, if you're not [eligible to attend for free](#), here is the link where you can [purchase a year's access to the webinars](#).

It's Trade Show Season – Come See Me!

November 28, 2015

It's trade show season again and I am happy to get the chance to go visit old friends and meet new ones over the next few months...

Next one upcoming is the [SAMSOG Technical Seminar in Atlanta](#) later this week. I appreciate the opportunity to present my classes to this group for the first time and I

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understand it's going to be quite a crowd; but they take walk-ins on the day of the event. I'll be covering *Tips & Tricks in CAD and Carlson* and an *Introduction to Field to Finish*.

Next will be the [NJ SurvCon in Atlantic City](#) which starts on 2/4. I think this is my third year and I really enjoy seeing everyone although they all tell me I talk funny! Again, it's *Tips & Tricks* but I'll also be presenting *How to Take a Project from Field to Finish with Carlson Survey*.

February 11th thru 13th I'll be in Columbus, Ohio for the [40th Anniversary of PLS0's Annual Conference](#). I'll be in the exhibit hall for most of the time but on Friday will be teaching *CAD & Carlson Tips & Tricks*. Make sure you visit my booth and see how your CAD skills match up to surveyors in other states!

And, lastly (I think), I'll be in Murfreesboro TN at the [TAPS 47th Annual Meeting & Exhibition](#) from March 12-14. I'll be in the exhibit hall most of the time but will also be teaching *Field to Finish for Survey and GIS Collection from a GIS*

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Dummy on Thursday March 12th.

It's not a trade show but don't forget [Carlson's 2015 User Conference](#) at the end of April. I'll definitely be there since it's practically in the backyard of my hometown in Kentucky.

Looking forward to seeing everyone!

Carlson (and my) End-of-Year Specials are Here!

November 28, 2015

I'm a few days late in posting this but Carlson has announced their end-of-year CAD pricing specials for 2014.

So, what's on the shelf? For desktop software we have

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specials on:

- [Carlson Civil Suite 2015 plus maintenance through 9/1/2015](#) Everyday retail price for this bundle is \$4,125, Carlson's year-end price is \$2,995 and my price is... less than that!
- [Survey 2015 with embedded AutoCAD](#) Everyday retail price for this is \$2,995, Carlson's year-end price is \$2,695 and my price is... less than that too!
- [Takeoff 2015 \(T8\) with embedded AutoCAD](#) Everyday retail price for this bundle is \$9,000, Carlson's year-end price is \$7,500 and my price is... you guessed it... less than that!

All software purchases include 12 months of access to my [live, interactive webinars](#). These are exclusive training sessions that are not publicly posted online and I'm currently scheduling approximately 3-4 hours per month on

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various topics. This is my way to help as many of my customers as possible use your software and keep it from becoming shelf-ware!

But, that's not all!

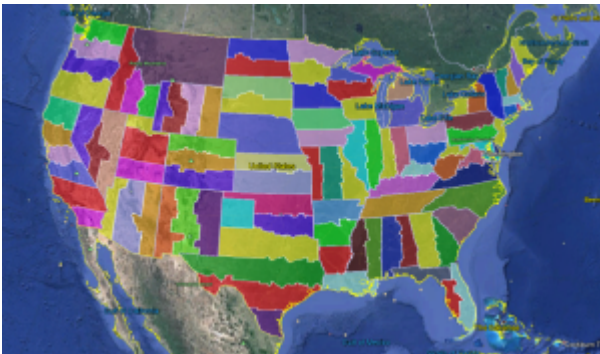
I also have additional discounts on new purchases of Carlson [Survey](#), [Civil](#), [Hydrology](#), [GIS](#), [Takeoff Suite](#), [Construction](#), [CADNet](#), [Trench](#) & [GeoTech](#) with Maintenance. These links go to my online store where you can see my standard discounts but I'm not allowed to advertise the super-duper special pricing. You'll have to [email me](#) or [Request A Custom Proposal](#) to find out details...

Both Carlson's specials and the ones I'm running on my own will expire on 12/31/2014...

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Google Earth/KMZ Overlays: Flood Zones, State Plane and UTM Zones

November 28, 2015



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A CAD/Carlson Software buddy – Dent Cermak – passed along a response from FEMA to questions regarding the features available on FIRM maps. The FEMA rep recommended using National Flood Hazard Layer data to view flood data overlays on aerial, street and other imagery. The NFHL data is available via an online viewer here: <http://fema.maps.arcgis.com/home/webmap/viewer.html?webmap=cbe088e7c8704464aa0fc34eb99e7f30>.

Another way to access the NFHL data is to download it as a KMZ file that can be opened in [Google Earth](https://hazards.fema.gov/femaportal/wps/portal/NFHLWMSkmzdownload): <https://hazards.fema.gov/femaportal/wps/portal/NFHLWMSkmzdownload>.

So, I thought this was pretty cool and when I asked for Dent's permission to share on my website, he passed along a couple more .kmz files that were even more cool! These are courtesy of Ladd Nelson at Carlson Software.

If you have Google Earth installed on your computer, you only have to double-click to open these files in Google Earth.

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[KMZ file with US State Plane NAD83 Zones overlay](#) – ZIP file

[KMZ file with UTM Zones overlay](#) – ZIP file