

Carlson 2015 Has Been Released!

Carlson posted the **2015 versions** of their for CAD (IntelliCAD or AutoCAD 2004-2015) on Tuesday afternoon... you can **Download Carlson 2015 products with IntelliCAD here**. The 2015 versions of embedded AutoCAD products (Survey and Takeoff OEM) will be released later this summer.

If your maintenance contract is current or you have purchased 2014 products within the past 90 days, you're automatically eligible for an upgrade to 2015. **Click here** to look up your 2015 serial number using your 2014 serial number.

Click here to review the list of all improvements

Click here to read about updates in Carlson Survey 2015

Click here to read about updates in Carlson Civil and Carlson Hydrology 2015

Click here to read about updates in Carlson Takeoff Suite 2015 – including Construction, CADNet, Trench and GeoTech

There are price increases with 2015 products. Click one of these links if you would like to **Request a Demonstration** or **Request a Custom Proposal** to upgrade to 2015 or purchase new software.

Please **follow this link** to see if you're eligible for our monthly webinars including **CAD and Carlson Tips & Tricks**, **Intro to Survey and GIS** and **What's New in Carlson 2015**.

Carlson 2014 Has Been Released

Carlson released the 2014 version of their desktop products today. This includes: **Civil Suite, Civil, Survey, Hydrology, GIS, Takeoff Suite, Construction, Point Cloud, Geology, Surface/Underground Mining and Natural Regrade.**

The 2014 embedded-AutoCAD versions of Takeoff Suite and **Survey** have not yet been released.

Carlson Desktop products include **IntelliCAD 7.2b** and can run on top of full AutoCAD-based products versions 2004-2014. This includes AutoCAD, Map, Land Desktop and Civil 3d. Also, anyone using the FREE IntelliCAD that comes with Carlson is still eligible for a **FREE GIS Starter Kit from Esri** which includes ArcMap. [This offer ended on 12/31/2013]

You can download Carlson 2014 [here](#).

View the “Survey and Civil – What’s new in 2014” webinar [here](#)

If you are using 2013 and are current on your annual maintenance contract, you can [click here](#) to look up your new 2014 serial number online. You will need to enter your contact information and your 2013 serial number in order to generate the 2014 serial number. You can find your serial number by opening Carlson Software and going to Help > About Carlson Software > Change Registration.

If you have trouble finding your serial number or would like to know the cost to upgrade any product to 2014, **please email me with your request.**

[Click here](#) for the full list of improvements in Carlson 2014

Register for Carlson's "What's New in 2014" Webinar Series

As we're all getting ready for the release of Carlson's 2014 desktop products, Carlson Software has scheduled a series of 5 lunchtime webinars to introduce new features and enhancements. See below for details and registration links:

Carlson Survey and Civil 2014

Wednesday, July 24th – presented by Scott Griffin, Director of Sales

Carlson Construction 2014

Wednesday, July 31st – presented by Todd Carlson, Takeoff Product Manager

Carlson Hydrology 2014 and all new Carlson Trench

Wednesday, August 7th – Mark Long, Developer, & Todd Carlson

Carlson Mining 2014

Wednesday, August 14th – Grant Wenker, Director, Mining Division

All new CADnet

Wednesday, August 21st – Jim Carlson, Regional Sales Director

All new GeoTech

Wednesday, August 28th – Dave Sanford, Regional Sales Director

Sneak Preview – Mass Haul Analysis in Carlson 2014

Todd Carlson helped me out with a demonstration of Carlson Takeoff a couple months ago and the company we were presenting to was looking for some particular features in a mass haul analysis routine. They had looked at several other programs as well as Takeoff and had yet to find a solution to their particular issue.

Fast-forward about a month and Todd followed up to let us know that the new functionality had been incorporated into the software and would be available in **Carlson Civil** and **Carlson Construction/Takeoff 2014**. This is a perfect illustration of how responsive Carlson is to their customers (or even prospects, in this case).

I asked Todd to write up a little preview of the new Mass Haul Analysis routine we'll see in Carlson 2014:

Mass Haul Analysis in a nutshell:

Mass Haul Analysis determines the volume and haul distance for groups of net cut and net fill station ranges along a road. The program calculates the optimized cut to fill movements so that the total volume-distance moved is minimized.

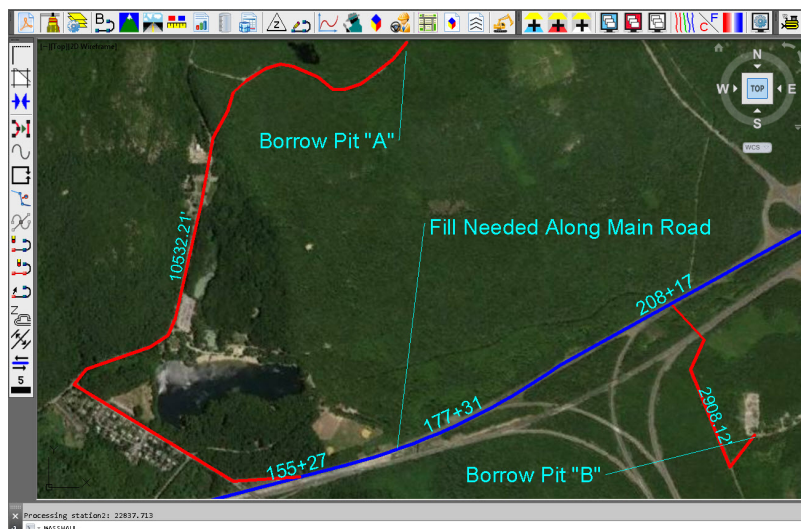
New Feature:

When dealing with multiple external hauls, users can now input the distance (and a "road conditions" factor) a borrow pit or dump pile is from its entry station. The program will then use this information when minimizing earth movement along the road.

For example, as shown in the first graphic below, an image of

the area was inserted into the drawing from **Google Earth** or the **Esri Mapping Service**. CAD polylines were sketched along the travel paths from multiple pit locations to the project site.

Then, purely based off stationing, borrow pit (A) may be closer to a fill area than borrow pit (B). However, if the distance from borrow pit (B) to its entry station is closer than borrow pit (A)'s, the program may determine to use (B) as the borrow pit over (A) to optimize the earth movement.



Edit External Haul

Station: 8493.000

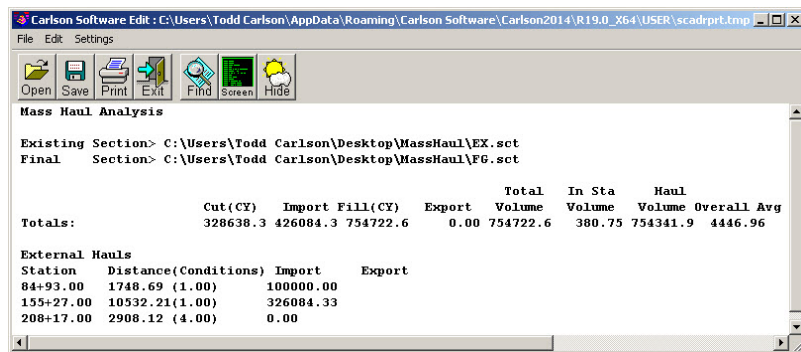
Distance: 1748.687

Road Conditions: 1.000

Source Type: ☒ Import ☐ Export

☒ Set Volume Limit

Volume (CY): 5000



Learn more about **Carlson Civil** and **Carlson Takeoff**

Carlson SurvCE 3.0 and SurvPC 3.0 Released

From Carlson's website:

Featuring hundreds of additions and improvements, Carlson SurvCE 3.0 supports the widest range of popular and new release RTK GPS and conventional/robotic total stations of any other data collection software on the market.

SurvCE 3.0 has been released and is now ready for download. Constantly being upgraded, SurvCE features an optional icon-based interface and new Cloud-based messaging, file transfer, NGS monument recall, simplified stakeout methods and powerful GPS measurement averaging and blunder detection in the field (with accuracies in-between RTK and post-processing).

The Carlson SurvCE 3.0 upgrade is offered for just \$150 for Carlson customers already using SurvCE 2.0 and above. The

price to purchase SurvCE remains the same as it has since 2007.

Literally 100s of enhancements have been built into SurvCE 3.0.

[Click here for SurvCE 3.0 Features](#)

[Click here for SurvCE 3.0 Screen Shots](#)

[Click here for SurvCE 3.0 System Requirements](#)

[Click here for SurvCE 3.0 Supported Hardware](#)

[Click here to purchase](#) and also, **[sign up here for our newsletters](#)** to be notified of upcoming hardware and software special discounts!

Carlson Geoid12 files for SurvCE

For those who have been waiting, patiently or not, for a Carlson update that will allow you to create a Geoid 2012 file for your Carlson SurvCE collector – here is the update from Carlson.

Carlson 2013 Has Been Released

Carlson released the 2013 version of their desktop products today. This includes: Civil Suite, Civil, Survey, Hydrology, GIS, Takeoff, Construction, Point Cloud, Geology, Surface/Underground Mining and Natural Regrade.

The 2013 embedded-AutoCAD versions of Takeoff and Survey have not yet been released.

Unlike previous versions of Carlson that support running on top of IntelliCAD or AutoCAD products 2000-2012, **Carlson 2013 can only be run on IntelliCAD or AutoCAD products 2004-2013**. This includes AutoCAD, Map, Land Desktop and Civil 3d. Also, anyone using the FREE IntelliCAD that comes with Carlson is eligible for a FREE GIS Starter Kit from Esri which includes ArcMap.

You can download Carlson 2013 [here](#).

If you are using 2012 and are current on your annual maintenance contract, you can [click here](#) to look up your new 2013 serial number online. You will need to enter your contact information and your 2012 serial number in order to generate the 2013 serial number. You can find your serial number by opening Carlson Software and going to Help > About Carlson Software > Change Registration.

If you have trouble finding your serial number or would like to know the cost to upgrade to 2013, please email me with your request.

[Click here](#) for the full list of improvements to Carlson 2013

[Click here for improvements to the General commands in 2013](#)

[Click here for the additional data file & conversion support in Carlson 2013](#)

[Click here for improvements to Survey commands in 2013](#)

[Click here for improvements to Civil commands in 2013](#)

[Click here for improvements to Hydrology commands in 2013](#)

[Click here for improvements to GIS commands in 2013](#)

[Click here for improvements to Takeoff commands in 2013](#)

[Click here for improvements to Point Cloud commands in 2013](#)

[Click here for improvements to Geology commands in 2013](#)

[Click here for improvements to Surface/Underground Mining commands in 2013](#)

[Click here for improvements to Natural Regrade commands in 2013](#)

New Carlson Build with IntelliCAD 7.x Updates

On May 24, 2012 Carlson posted a new build on their downloads page. This brings the Carlson Civil Suite products, (Survey, Civil, Hydrology, GIS), Takeoff, Construction, Point Clouds and Mining, etc. up to build 120524 and IntelliCAD 7.x up to 7.1.1644.53233.P. There are a lot of big updates to stability and productivity in this release.

And, just as a reminder to anyone wanting access to more regular updates to IntelliCAD 7.x, send me an email and I'll help you get access to a separate, private blog being maintained for users interested in trying out test versions of the software before they're provided to the general public.

New Carlson Build – 120219

Carlson released a new build of their desktop software earlier this week. This includes updates to the IntelliCAD/for AutoCAD versions of Survey, Civil, Hydrology, GIS, Basic Mining, Geology, Underground Mining, Surface Mining, Natural Regrade, Field, Takeoff, Construction and Point Clouds.

To confirm your current build number, go to Help > About Carlson. You'll see the build number on the top line of the text box.

You can download the latest full version or updates to your current installation [here](#).

If you would like to try out any of the Carlson Software products for 30-days, email me [here](#).

For those anxious to try out the very latest and greatest updates in the testing versions of IntelliCAD 7.1, you can also send me an email to gain access to a new blog, "The Little CAD Engine That Could", administered by Leonid Entov of Carlson Software.

Participation in the testing and access to the blog is by invitation only, so email me and I'll pass along your request.

Carlson 2012 Updates

You can download the most recent updates to Carlson's 2012 desktop software [HERE](#)