Taking a Survey Project from Field to Plotted Sheet

A Virtual Webinar Using Carlson Software – Learn to Complete Survey Workflows

This webinar walks through the complete workflow of taking a survey project from raw field data to a finished plotted sheet using Carlson Survey. It covers importing points, managing coordinate files, deed entry, field-to-finish automation, surface generation and final sheet layout for professional deliverables.

Key Topics:

- Importing and managing survey points and coordinate files
- Entering and processing deed descriptions
- Using field-to-finish for automated drafting
- Building surfaces and contours
- Creating legends, title blocks and final plot sheets

Descriptions, transcripts and other details of this recording ha ve been AI-generated and may contain errors.

This session was presented by Jennifer DiBona on 01/21/2020.

Subdivision Roads & Lot Grading

A Virtual Webinar Using Carlson Software – Learn to Design Subdivision Roads

This webinar demonstrates how to design subdivision roads and perform lot grading using Carlson Civil's Road Network and Grading tools. The session walks through building templates, setting profiles, elevating building pads and creating 3D surfaces for residential developments.

Key Topics:

- Carlson Road Network setup and configuration
- Creating and editing roadway templates
- Elevating building pads and lot lines
- Generating and refining proposed surfaces
- Practical grading techniques for subdivisions

Descriptions, transcripts and other details of this recording ha ve been AI-generated and may contain errors.

This session was presented by Jennifer DiBona on 08/25/2020.

Standardizing CAD and Carlson

A Virtual Webinar Using Carlson Software – Learn to Standardize Settings, Toolbars and Templates

This webinar by That CAD Girl provides a detailed walkthrough of how to standardize settings in Carlson Software and its underlying CAD platforms (AutoCAD or IntelliCAD). It covers configuration management, toolbar customization, quick keys and best practices for creating consistent templates and workflows across teams.

Key Topics:

- Understanding the relationship between CAD platforms and Carlson vertical programs
- Configuring default settings and toolbars
- Managing quick keys and command aliases
- Creating and sharing standard settings and templates
- Using configuration files (.CFG, .TRI, .DWT) for consistency

Descriptions, transcripts and other details of this recording have been AI-generated and may contain errors.

This session was presented by Jennifer DiBona on 02/26/2020.

Site Project Grading from Start to Finish

A Virtual Webinar Using Carlson Software – Learn to Complete Site Grading

This webinar demonstrates a complete site-grading workflow in Carlson Civil and IntelliCAD, from setting up surfaces and elevating building pads to creating 3D polylines, grading slopes and calculating earthwork volumes. It provides step-by-step instruction for converting 2D plans into accurate 3D models suitable for construction takeoff and design verification.

Key Topics:

- Carlson Civil / IntelliCAD setup and configuration
- Creating and editing 2D and 3D polylines for grading
- Building pads, curbs and pavement elevations
- Surface creation, triangulation and contour analysis
- Daylighting to existing ground and balancing cut/fill volumes

Descriptions, transcripts and other details of this recording have been AI-generated and may contain errors.

This session was presented by Jennifer DiBona on 07/14/2020.

Site Grading Tips & Tricks

A Virtual Webinar Using Carlson Software – Learn to Improve Site Grading

This webinar by That CAD Girl focuses on best practices for editing surfaces in Carlson Software, emphasizing the difference between temporary surface edits and permanent surface definition changes. The session includes demonstrations of triangulation, contouring, breaklines, non-surface points and field-to-finish workflows for accurate site grading models.

Key Topics:

- Editing surfaces vs. editing surface definitions
- Triangulation, contours and breaklines
- Tagging non-surface points and using field-to-finish
- Managing surface rebuilds and protecting edits
- Shrink-wrap boundaries and inclusion/exclusion areas

Descriptions, transcripts and other details of this recording ha ve been AI-generated and may contain errors.

This session was presented by Jennifer DiBona on 02/19/2020.

Sheet Setup with Paper Space, DView and UCS Rotation

A Virtual Webinar Using CAD – Learn to Set Up Sheets

This Carlson Software training webinar explains how to set up drawing sheets in Paper Space, create and manage viewports, control drawing scales and use DView and UCS rotations for plan and profile sheet layouts. It provides a detailed, step-by-step walkthrough of best practices for plotting, scaling and managing multiple layout tabs in Carlson Survey 2020 with IntelliCAD.

Although Carlson Software with IntelliCAD was used in this session and a few Carlson-specific commands are shown, the workflows are by and large the same for all AutoCAD or IntelliCAD based programs, and other programs will likely have their own version of those Carlson commands.

Key Topics:

- Paper Space fundamentals and layout setup
- Creating and locking viewports
- Managing drawing scales and line-type scales (LT Scale / P SLT Scale)
- DView Twist and UCS Rotation for plan/profile alignment
- Layer visibility control per viewport
- Batch plotting and page setup management

Descriptions, transcripts and other details of this recording ha ve been AI-generated and may contain errors.

This session was presented by Jennifer DiBona on 07/28/2020.

Overview of Carlson Takeoff

A Virtual Webinar Using Carlson Software – Learn to Manage Takeoff Workflows

This webinar provides a comprehensive overview of Carlson Takeoff and the Takeoff Suite, explaining how construction and civil design professionals can use the software for estimating, modeling and quantity takeoffs. It covers product differences, pricing, module functions and step-by-step demonstrations of CAD Net, Construction, Geotech and Trench tools.

Key Topics:

- Carlson Takeoff vs Civil Suite capabilities
- CAD Net digitizing and PDF vectorization
- Drawing cleanup and elevation tools
- Model building for machine control and quantity reports

Descriptions, transcripts and other details of this recording have been AI-generated and may contain errors.

This session was presented by Jennifer DiBona on 10/30/2020.

Overview of Carlson CADnet

A Virtual Webinar Using Carlson Software – Learn to Improve CADnet Workflows

This webinar provides an in-depth overview of Carlson CAD Net, a module in Carlson’s Pick 6 suite designed for converting, merging and digitizing raster and vector data within CAD environments. The session demonstrates how to import PDFs, merge images, scale drawings and convert raster data to usable CAD entities for takeoff and design workflows.

Key Topics:

- Converting PDFs to TIFFs and importing them into CAD
- Merging raster images and scaling drawings accurately
- Digitizing contours and surfaces for takeoff and design
- Understanding raster vs. vector data
- Exporting and importing between CAD and BIM (IFC) formats

Descriptions, transcripts and other details of this recording have been AI-generated and may contain errors.

This session was presented by Jennifer DiBona on 01/27/2020.

More Surfaces, Volumes, Editing and Display Tips & Tricks

A Virtual Webinar Using Carlson Software – Learn to Improve Surface Volume Workflows

This webinar from That CAD Girl provides an in-depth demonstration of Carlson Civil's surface and volume modeling tools. It covers practical workflows for viewing, editing, merging and analyzing TIN files, as well as tips for grading, slope analysis and cut/fill reporting.

Key Topics:

- Working with Carlson TIN (triangulation) files
- Surface viewing, editing and boundary management
- Creating and comparing surfaces for grading and volume calculations
- Importing data from the National Elevation Dataset (NED)
- Cut/fill analysis, slope reporting and LandXML export

Descriptions, transcripts and other details of this recording have been AI-generated and may contain errors.

This session was presented by Jennifer DiBona on 03/24/2020.

Introduction to Carlson Software – Settings, Setup, Configuration & Points

A Virtual Webinar Using Carlson Software – Learn to Configure Settings and Points

This webinar introduces new and existing users to Carlson Software's desktop environment, focusing on configuration, settings management and point handling. It covers interface customization, project folder structures, templates and best practices for managing data and drawing standards.

Key Topics:

- Carlson Software user interface and configuration
- Project and data folder setup
- Drawing templates and settings files
- Managing and editing points (CRD files)
- Linking data, scaling and annotation standards

Descriptions, transcripts and other details of this recording ha ve been AI-generated and may contain errors.

This session was presented by Jennifer DiBona on 11/02/2020.