Features of Carlson Survey & Civil – Setting Points and Stakeout

A Virtual Webinar Using Carlson Software – Learn to Manage Points for Stakeout

This webinar, hosted by That CAD Girl, explores advanced features in Carlson Survey and Carlson Civil for creating, managing and staking out points. The session demonstrates practical workflows for field-to-finish code usage, point creation from entities and interpolation tools to streamline survey and design tasks.

Key Topics:

- Using a Field to Finish (FLD) file for point styles through Point Defaults
- Managing CAD point nodes with PDMODE and DDPTYPE
- Creating points from entities including GIS nodes and lot corners
- Matching imported descriptions to field codes with find and replace
- Building offset extensions and building envelopes
- Interpolating points by divide, interval and elevation

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 01/11/2024.

Deeds of Lots and Lots of Lots in Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Manage Property Deeds

This webinar demonstrates how to create, edit and manage property deeds and lot layouts using Carlson Survey and Carlson Civil. It covers deed entry, correlation with field data, legal description generation and automated lot design through the Lot Network module.

Key Topics:

- Entering and processing deed descriptions
- Deed correlation with surveyed points
- Creating and labeling lot files
- Using Lot Network for automated subdivision design

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This session was presented by Jennifer DiBona on 06/11/2024.

Carlson Field to Finish – Perfecting Coding & Creating Linework

A Virtual Webinar Using Carlson Software – Learn to Create Automated Linework

This advanced Carlson Field to Finish webinar, hosted by That CAD Girl, guides users through coding best practices, FLD file creation and efficient linework generation in Carlson Survey. Jennifer DiBona demonstrates how to streamline field-to-office workflows, manage field codes and apply special codes for automated drafting.

Key Topics:

- Building and refining Carlson FLD (Field Code) files
- Managing field codes, layers and symbols
- Using special codes for linework automation (e.g., PC/PT, CLO, RECT, JPN)
- Handling multiple codes, offsets and curve geometry
- Workflow tips for consistency between field and office

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This session was presented by Jennifer DiBona on 09/10/2024.

Basics of Surface Modeling in Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Build Surface Models from Points and Breaklines

This webinar introduces the fundamentals of surface modeling in Carlson Software, covering how to prepare data, build and refine surfaces and troubleshoot common issues. Participants learn practical workflows for triangulation, contour generation, breaklines and integrating external elevation data.

Key Topics:

- Preparing data and checking elevations before surface creation
- Triangulate & Contour workflow and shrink-wrap boundaries
- Using breaklines, non-surface points and field-to-finish automation
- Importing and merging Google Earth and NASA elevation surfaces
- Contour labeling, line-type generation and quality-control techniques

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This session was presented by Jennifer DiBona on 02/07/2024.

Tips & Tricks To Recover Corrupt Drawings In CAD With That CAD Girl

A Virtual Webinar Using IntelliCAD and AutoCAD – Learn to Recover Corrupt Drawings

This webinar by That CAD Girl demonstrates practical methods to identify, repair and recover corrupt CAD drawings using IntelliCAD and AutoCAD. It covers essential commands, workflows and free tools like DWG TrueView to maintain drawing integrity and prevent data loss.

Key Topics:

- Identifying non-corrupt vs. corrupt DWG files
- Using Purge, Audit, Recover and WBlock commands
- Handling Xrefs and layout recovery
- DWG TrueView and DWG Convert utilities
- IntelliCAD vs. AutoCAD recovery differences

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This session was presented by Jennifer DiBona on 06/12/2025.

Taking a Survey Project from Field to Plotted Sheet

A Virtual Webinar Using Carlson Software – Learn to Complete Survey Workflow Projects

This webinar demonstrates how to take a survey project workflow from raw field data through point import, deed correlation, surface modeling and final sheet plotting using Carlson Software 2025. Jennifer DiBona provides a full workflow overview, best practices and live demonstrations of core Carlson commands and configuration options.

Key Topics:

- Importing and managing survey points in Carlson
- Creating and correlating deed boundaries
- Building surfaces and using Field-to-Finish
- Generating legal descriptions, legends and plotted sheets

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have been AI-generated and may contain errors.

This session was presented by Jennifer DiBona on 02/25/2025.

Standardizing Linetypes, Lineweights & Dimension Styles in CAD

A Virtual Webinar Using CAD – Learn to Standardize CAD Styles

This webinar provides a comprehensive walkthrough of how to standardize line types, line weights and dimension styles across CAD platforms such as AutoCAD and IntelliCAD. It covers practical tips for creating consistent drawing standards, managing scale factors, customizing line type definitions and setting up templates for efficient drafting workflows.

Key Topics:

- Understanding and customizing line type definitions (.LIN files)
- Managing line type scales (LTSCALE, PSLTSCALE, PLINEGEN)
- Setting and plotting line weights using CTB files
- Creating and managing dimension styles with scale factors
- Using IntelliCAD Explorer for transferring CAD 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 05/20/2025.

Paper Space and Plotting in CAD

A Virtual Webinar Using CAD – Learn to Improve Paper Space Plotting

This webinar provided a comprehensive walkthrough of paper space, model space and plotting workflows in CAD (IntelliCAD/AutoCAD). Jennifer DiBona explained how to effectively use layout tabs, create and manage page setups, insert title blocks and configure viewports for consistent plotting. The session emphasized standardization, efficiency and clarity in multi-sheet drawing sets. Key takeaways included how to set up page templates, lock viewport scales, manage layers per viewport and resolve common plotting issues like line type scaling.

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 vs. model space fundamentals
- Creating and managing page setups and plot styles
- Inserting title blocks and creating viewports
- Locking viewport scales and freezing layers per viewport
- Fixing linetype scaling and other common plotting issues

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This session was presented by Jennifer DiBona on 11/19/2025.

Overview of Paper Space, Title Blocks and Templates in CAD

A Virtual Webinar Using CAD – Learn to Standardize Title Blocks

This webinar provides a comprehensive walkthrough of using paper space, title blocks and templates in CAD environments such as IntelliCAD and AutoCAD. It explains how to standardize plotting, manage multiple scales and use sheet sets and fields to automate title block data.

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 vs. model space fundamentals
- Setting up layouts, viewports and plot configurations
- Managing title blocks and templates
- Using sheet set manager and fields for automation

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 04/17/2025.

Making Models from a Mess – Using Carlson Cleanup and Elevate Tools

A Virtual Webinar Using Carlson Software – Learn to Clean Up Messy Drawings and Elevate Them into Models

This webinar teaches Carlson Civil users how to transform messy, imported CAD drawings into clean, usable models for staking and surface creation, with their cleanup tools. It covers practical workflows using Carlson’s Drawing Cleanup and Elevate Tools to fix geometry, layers and elevations for accurate 3D modeling.

Key Topics:

- Cleaning and organizing messy DWG files
- Using Carlson Drawing Cleanup effectively
- Elevating 2D polylines to 3D for surface models
- Managing layers, blocks and spot elevations
- Avoiding common pitfalls and data corruption

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This session was presented by Jennifer DiBona on 01/28/2025.