

Jennifer's Favorite Things in Carlson

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In this detailed webinar, Jennifer from The CAD Girl showcases her favorite productivity commands and workflows in Carlson Software. The session covers smart methods for entering deed descriptions, editing 3D polylines, and automating CAD tasks to reduce manual clicks and improve drafting efficiency.

Key Topics:

- Entering and Processing Deed Descriptions
- 2D/3D Polyline Drawing and Editing Techniques
- Using Field-to-Finish, Non-Surface Points, and Shrink-Wrap Tools

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This session was presented by Jennifer DiBona on 02/20/2019.

That CAD Girl

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The Very Basics of Carlson Field to Finish

A Virtual Webinar Using Carlson Software – Learn Field to Finish Basics

This webinar introduces the fundamental steps to setting up and using Carlson Field to Finish, covering FLD file creation, coding structures, and practical workflows for processing survey data efficiently. The session provides hands-on instruction for linking field codes, points, and layers to automate drawing production.

Key Topics:

- Overview of Field to Finish and FLD files
- Creating and editing field codes
- Layer and symbol management

- Using Draw Field to Finish vs. Draw Locate
- Managing point attributes and raw descriptions
- Using special codes for descriptive customization

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This session was presented by Jennifer DiBona on 07/09/2019.

Site Project Grading from Start to Finish

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

This webinar from *That CAD Girl* provides a complete walkthrough of grading a small site project—from setup to balanced design—using Carlson Civil Software. It demonstrates practical 3D data management, polyline conversions, surface creation, and balancing methods essential for site design professionals.

Key Topics:

- Carlson Civil setup, configuration, and linking settings
- Elevating polylines and creating 3D grading plans
- Grading workflow for building pads, curbs, and parking lots
- Surface model creation, densification, and balancing cut/f

ill volumes

- Visualization and verification of final design surfaces

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This session was presented by Jennifer DiBona on 12/17/2019.

Mark's Favorite Things in Carlson Desktop Software—by Mark Long

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

This webinar, hosted by That CAD Girl and presented by Mark Long from Carlson Software, highlights Mark's favorite time-saving features and techniques in Carlson's desktop civil design tools. The session demonstrates practical workflows in Roadnet, cross-section generation, cul-de-sac design, and the new 2020 utility network functions.

Key Topics:

- Using Carlson Roadnet for roadway design efficiency
- Cross sections, profiles, and intersection editing
- Customization of cul-de-sacs and curb ramps
- Introduction to the Utility Network module
- Carlson year-end software offers and webinar schedule

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This session was presented by Mark Long on 12/04/2019.

Site Project Grading from Start to Finish

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

This webinar provides a complete walkthrough of grading a small site project from start to finish using Carlson Civil. It demonstrates using 3D data commands, layer management, polyline editing, surface creation, and daylighting techniques to produce a balanced, accurate site model.

▪ Key Topics:

- Converting 2D elements to 3D polylines
- Building and modifying surfaces in Carlson Civil
- Applying slopes, offsets, and elevations for pads, curbs, and driveways
- Managing contours and ensuring positive drainage
- Using shrink-wrap entities, polyline utilities, and 3D surface analysis

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This session was presented by Jennifer DiBona on 01/16/2019.

Overview of Paper Space

A Virtual Webinar Using CAD – Learn to Set Up Paper Space

This webinar from That CAD Girl provides an in-depth walkthrough of paper space in CAD software. It teaches users how to set up layout tabs, create and manage viewports, set scale, and handle plotting configurations for professional-grade drawings.

Key Topics:

- Understanding model space vs. paper space
- Creating and managing layout tabs and borders

- Working with viewports and plot scales
- Controlling visibility and layers per viewport
- Change Space command and layout management

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This session was presented by Jennifer DiBona on 06/19/2019.

Overview of Carlson CADNet – Working with Images – Converting to Linework

A Virtual Webinar Using Carlson Software – Learn to Build Surface Models

This webinar provides a detailed walkthrough of Carlson CAD Net's capabilities for converting and managing raster and vector files, digitizing scanned drawings, merging multiple plan sheets, and importing/exporting BIM data. It shows how to efficiently transform PDFs and images into editable CAD linework for construction takeoffs and modeling.

Key Topics:

- Converting raster and vector PDFs to CAD linework
- Scaling and merging raster images and plan sheets
- Digitizing contours and features for takeoff and site modeling
- Understanding raster vs. vector data differences
- Cleaning and vectorizing images for surface modeling

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This session was presented by Jennifer DiBona on 05/16/2019.

Surface Modeling with the SiteNet _ Takeoff Menus in Civil, Construction & Takeoff

A Virtual Webinar Using Carlson Software – Learn to Build Surface Models

This detailed webinar explains how to use Carlson Software's SiteNet and Takeoff menus for layer-based surface modeling, material quantity takeoff, and topsoil management. It walks users through setting up drawings, defining layers, creating

surfaces, and running reports for excavation, paving, and earthwork calculations.

Key Topics:

- Carlson Civil/Construction SiteNet and Takeoff menus
- Defining layers and surfaces (Existing vs. Design)
- Quantities and subgrades for earthwork, curb, pavement, and topsoil replacement

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This session was presented by Jennifer DiBona on 05/15/2019.

Overview of SurvNet Least Squares with Doug Aaberg of Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Analyze Survey Networks

In this Carlson Software webinar, Doug Aaberg demonstrates the enhanced SurvNet Least Squares adjustment tool for Carlson 2020, detailing its updated interface, best practices for survey

dataprocessing, and the mathematical principles behind least squares. The session also covers project settings, error handling, integrating GPS/vector data, and practical field-to-office coordination for better survey network accuracy.

Key Topics:

- Carlson SurvNet 2020 interface updates and workflow improvements
- Least Squares adjustment principles and network redundancy
- Integrating GPS vector data with traditional traverse data
- Error weighting, chi-square testing, and blunder detection
- Practical examples and hands-on training previews

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This session was presented by Doug Aaberg on 10/16/2019.

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

A Virtual Webinar Using Carlson

Software – Configure Settings, Setup and Points

This webinar introduces new and existing users to Carlson Software's setup fundamentals—focusing on configuration management, default drawing settings, and point handling. Attendees learn to streamline project organization, default settings, and coordinate-file management to build efficient CAD workflows.

Key Topics:

- Carlson Software default settings and configuration workflow
- Managing coordinate (CRD) files and linking with drawings
- Project folder structures and data management
- Working with drawing templates and point display options

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This session was presented by Jennifer DiBona on 09/04/2019.