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

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 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

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

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

Basics of Road Design in Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Design Roads

This webinar, hosted by That CAD Girl and presented by Travis Maxwell, provides a step-by-step introduction to road design using Carlson Software. It covers essential workflows including drawing setup, creating centerlines, profiles, templates, intersections and cul-de-sacs for civil design projects.

Key Topics:

- Carlson drawing setup and coordinate systems
- Creating and managing road centerlines and profiles
- Building and editing templates for pavement, curbs and grading
- Handling intersections and cul-de-sacs
- Using Google surfaces for preliminary design

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

This session was presented by Travis Maxwell on 03/15/2024.

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

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 06/12/2025.

Tips & Tricks in Carlson Software

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

This Carlson Software Tips & Tricks webinar, led by Travis Maxwell and hosted by That CAD Girl, demonstrated practical CAD file cleanup, drawing management and grading workflows within Carlson Civil and Survey. The session also showcased how AI tools can accelerate deed entry and coordinate generation for survey projects.

Key Topics:

- Cleaning and standardizing CAD drawings
- Managing layers, text styles and blocks
- Handling corrupt or messy manufacturer details
- Grading and retaining wall design techniques
- Using AI (ChatGPT) for deed parsing and coordinate creation

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

This session was presented by Travis Maxwell on 02/11/2025.

Tips & Tricks in Carlson Software

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

This webinar, led by Travis Maxwell, PE, explores new features and practical workflows in Carlson Software 2025 and IntelliCAD 12.1. Topics include dynamic blocks, improved publishing tools, RoadNet enhancements and best practices for managing fonts, scales and line types.

Key Topics:

- IntelliCAD 12.1 new features and interface improvements
- Carlson Civil 2025 updates (RoadNet, curb ramps, grading o bjects)
- Dynamic blocks and layout management
- Font compatibility and text scaling best practices
- Publishing and plotting enhancements

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

This session was presented by Travis Maxwell on 01/29/2025.

Taking Survey Projects from Field to Office with Emlid and your CAD

A Virtual Webinar Using Emlid and CAD – Learn to Streamline Survey Workflows

This webinar from That CAD Girl and Emlid demonstrates how to streamline survey workflows from field data collection to CAD integration using Emlid's GNSS receivers and software. The session covers Emlid Flow and Flow 360 tools, data synchronization, project setup and exporting results into CAD environments.

Key Topics:

- Overview of Emlid's latest GNSS receivers (Reach RX2, RS4, RS4 Pro)
- Project setup, localization and code libraries in Emlid Flow
- Data collection and stakeout workflows
- Syncing projects with Flow 360 and exporting to CAD
- Q&A on localization, code libraries and device compatibility

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

This session was presented by Julia Shestakova on 11/06/2025.

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

Descriptions, transcripts and other details of this recording

have been AI-generated and may contain errors.

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

Survey Tools for BricsCAD

A Virtual Webinar Using MicroSurvey and BricsCAD – Learn to Manage Survey Data

This webinar introduces MicroSurvey's *Survey Tools for BricsCAD*, a plugin designed to enhance BricsCAD with advanced survey data management, linework automation and surface modeling capabilities. Presenter Matt McLean demonstrates how to import survey data, manage points, create surfaces and export results to Google Earth.

Key Topics:

- Overview of MicroSurvey's Survey Tools plugin for BricsCAD
- Importing survey data (ASCII, FieldGenius, Leica DBX, etc.)
- Managing survey points
- Linework automation
- Creating surfaces and visualizations within BricsCAD
- Exporting results to Google Earth

Descriptions, transcripts and other details of this recording ha

ve been AI-generated and may contain errors.

This session was presented by Matt McLean on 07/10/2025.

Survey Database and Dynamic Features In AutoCAD Civil 3D

A Virtual Webinar Using AutoCAD Civil 3D – Learn to Manage Survey Databases

This webinar, hosted by That CAD Girl and presented by Elizabeth Valerio from CAD Masters, provided a detailed walkthrough of using the Survey Database and dynamic linework features in AutoCAD Civil 3D. The session covered setup, configuration, automated linework creation and traverse analysis for survey data management and efficiency.

Key Topics:

- Setting up and managing Civil 3D Survey Databases
- Automated linework and figure prefix databases
- Linework code sets and survey data import
- Traverse analysis and closure error visualization
- CAD Masters training and support services

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

This session was presented by Elizabeth Valerio on 03/20/2025.