

Getting Started in Carlson Session #3-1

Learn how to set up and customize Carlson Software with this in-depth training session led by That CAD Girl. Discover best practices for configuring projects, managing data files, and optimizing your CAD environment for surveying and civil design.

Key Topics Covered:

- Carlson Software installation and startup
- IntelliCAD vs. AutoCAD interface overview
- Using the Start Page, templates, and drawing setup
- Customizing toolbars, ribbons, and menus
- Carlson modules: Survey, Civil, Hydrology, GIS, and more
- Object linking and external data file management (CRD, CL, TIN)
- Project folder organization and subfolder setup
- Dropbox integration for field and office collaboration
- Default drawing settings and coordinate systems
- Accessing help, updates, and version builds
- Saving and sharing configuration files for office standards

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

This session was presented by Jennifer DiBona on 9/18/2025.

CAD and Carlson Tips & Tricks

A Virtual Webinar Using Carlson Software – Improve Deed Boundary Drafting

This Carlson CAD tips and tricks deed boundaries webinar virtual class, from *That CAD Girl* shows how to draft, troubleshoot, and label property boundaries more efficiently. Jennifer walks through both IntelliCAD and Carlson workflows, showing how to draft, troubleshoot, and label property boundaries efficiently.

Key Topics:

- Drawing and editing lines, arcs, and polylines in IntelliCAD
- Entering deed boundaries using CAD coordinates and Carlson deed tools
- Understanding coordinate systems (northing/easting vs. X/Y)
- Processing and troubleshooting deed files for closure accuracy
- Automating lot labeling, area calculations, and setback creation

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This session was presented by Jennifer DiBona on 10/15/2025.

Basics of Surface Modeling in Carlson Software

A Virtual Webinar Using Carlson Software – Build Accurate Surface Models

This webinar provides a detailed walkthrough of surface modeling fundamentals in Carlson Software, covering data inspection, triangulation, contour generation, and integration with external data sources. Attendees learn practical workflows for building accurate surfaces using points, breaklines, and field-to-finish automation.

Key Topics:

- Preparing and inspecting data for surface modeling
- Creating and refining TIN surfaces and contours
- Using breaklines and non-surface points
- Automating workflows with Field-to-Finish
- Integrating Google Earth and GIS imagery

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This session was presented by Jennifer DiBona on 7/3/2025.

Carlson Field to Finish

A Virtual Webinar Using Carlson Software – Learn to Automate Survey Drafting

This webinar provided an in-depth overview of Carlson Software's **Field to Finish** feature, explaining how to automate the process of converting field survey data into CAD drawings. Jennifer demonstrated how to create and configure **FLD (Field Code) files**, associate them with **CRD (Coordinate) files**, and manage symbols, layers, and linework for efficient drafting. The session also covered upcoming training events, practical examples of field code setup, and advanced customization options for survey workflows.

Key Topics:

- Overview of Carlson Field to Finish concepts
- Creating and editing FLD (field code) files
- Managing point layers, symbols, and linework
- Using special codes and description formatting
- Building legends and plotting best practices

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This session was presented by Jennifer DiBona, on 09/04/2025.

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Survey Project from Start to Finish

This webinar, *Survey Project from Start to Finish*, walks through the complete process of managing a survey project using Carlson Survey 2023 within IntelliCAD. It covers data setup, importing field points, deed entry, correlation, field-to-finish processing, and final deliverables including maps, legends, and exports.

Key Topics:

- Carlson Survey configuration and project setup
- Importing and managing point data (CRD files, point groups)
- Deed entry, correlation, and boundary adjustment
- Field-to-Finish automation for drawing and labeling
- Exporting to Google Earth and creating final deliverables

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This session was presented by Jennifer DiBona on 01/19/2023.

Conversion of Outside Drawings to Company Cad Standards

A Virtual Webinar Using Carlson Software – Convert Outside Drawings to Standards

This webinar provides a detailed walkthrough of how to convert external CAD drawings into company-standard formats using Carlson Software. It covers fonts, line types, layer translation, Civil 3D object conversion, and best practices for maintaining consistent CAD standards across projects.

Key Topics:

- Managing and correcting missing fonts and text styles
- Handling line types, LT scale, and custom line type creation
- Using layer translation tools and spreadsheets for CAD standardization
- Importing and cleaning Civil 3D drawings and Xrefs

- Troubleshooting slow saves, plotting issues, and font substitutions

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This session was presented by Travis Maxwell on 01/18/2023.