

Taking a Survey Project from Field to Plotted Sheet

Recorded 2/25/2025

This webinar demonstrates how to take a survey project 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

Recorded 07/10/2025

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 McClain 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 and managing survey data (ASCII, FieldGenius, Leica DBX, etc.)
- Creating linework, surfaces, and visualizations within BricsCAD

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

Survey Database and Dynamic Features In AutoCAD Civil 3D

Recorded 3/20/2025

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

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

Standardizing Linetypes, Lineweights & Dimension Styles

in CAD

Recorded 5/20/2025

This webinar provides a comprehensive walkthrough of how to standardize line types, line weights, and dimension styles across CAD platforms such as AutoCAD, IntelliCAD, Carlson, and ProjaCAD. 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

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This session was presented by Jennifer DiBona on 05/20/2025.

Paper Space and Plotting in CAD

Recorded 11/19/2025

This presentation by Jennifer DiBona of That CAD Girl introduces key concepts of Paper Space and Plotting in CAD, part of the Field to Finish webinar series. It also includes information on upcoming webinars and attendance certificate requirements for participants .

Key Topics:

- Paper Space and Plotting fundamentals in CAD
- Upcoming webinars on Carlson and CAD Tips
- Certificate of Attendance requirements and policies

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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

ow to create, configure, and visualize surfaces, contours, and terrain models using real-world data.

Key Topics:

- Introduction to MicroSurvey CAD and product ecosystem
- Creating and managing surfaces and contours
- Configuration settings for modeling and visualization
- Handling boundaries, breaklines, and point data
- Labeling and smoothing contours

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This session was presented by Matt McLean on 05/22/2025.

Fast Track to Carlson Civil Suite & CADnet – Session #2-3 Recorded March 14, 2024

This training session provides an in-depth walkthrough of Carlson Civil Suite's RoadNet, Hydrology, and CADnet modules, demonstrating practical workflows for road design, storm sewer layout, and converting PDF plans into CAD data. The instructor showcases real-world examples, emphasizing dynamic design updates, data management, and interoperability with Civil 3D and LandXML standards.

Key Topics:

- RoadNet dynamic road design and intersection management

- Storm sewer network setup and hydrology drafting
- Exporting and archiving projects with LandXML
- CADnet tools for PDF-to-CAD conversion and digitizing
- Raster vs. vector PDF handling and troubleshooting

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This session was presented by Jennifer DiBona on 03/14/2024.

Fast Track to Carlson Civil Suite & CADnet – Session #2-2 Recorded March 14, 2024

This training session from *That CAD Girl's Fast Track Carlson Civil Suite & CADnet* series covers creating and editing centerlines, profiles, and road networks using Carlson Civil and Survey. It demonstrates manual and automated design workflows, including RoadNet, profile editing, and template building for roadway design.

Key Topics:

- Centerline and profile creation in Carlson Survey and Civil
- Manual vs. RoadNet-based design workflows
- Profile editing, labeling, and linking data files
- Road network setup, templates, and intersections
- Troubleshooting and known issues in 2023–2024 builds

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This session was presented by Jennifer DiBona on 03/14/2024.

Fast Track to Carlson Civil Suite & CADnet – Session #2-1 Recorded March 14, 2024

This training session provides an in-depth walkthrough of Carlson Civil Suite's LotNet, grading, and 3D design tools, guiding users through lot subdivision, surface modeling, and site grading workflows. It demonstrates how to transition from 2D drafting to 3D design using Carlson Civil's powerful automation and data management features.

Key Topics:

- Carlson LotNet design and configuration
- Transitioning from 2D to 3D design workflows
- Site grading, surface modeling, and volume calculations
- Integration of Survey, Civil, GIS, Hydrology, and CADnet modules

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This session was presented by Jennifer DiBona on 03/14/2024.