

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.

That CAD Girl

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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

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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.

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

A Virtual Webinar Using AutoCAD and

A Virtual Webinar Using MicroSurvey – Learn to Create Terrain Models

This webinar, hosted by That CAD Girl and presented by MicroSurvey's Matt McLean, provides a detailed walkthrough of surfacing and contouring operations in MicroSurvey CAD. Attendees learned how 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.

MicroSurvey STARNET Least Squares Analysis

A Virtual Webinar Using MicroSurvey

STAR*NET – Learn to Perform Least Squares Analysis

This webinar, hosted by That CAD Girl and presented by MicroSurvey's James Johnston, provides a comprehensive walkthrough of STAR*NET analysis – a leading least squares adjustment software for survey data. The session covers data import, adjustment workflows, error detection, and integration of GPS and conventional survey data for accurate network analysis.

Key Topics:

- Overview of MicroSurvey's product suite
- Introduction to STAR*NET least squares adjustment
- Data import and conversion workflows
- Error detection, residual analysis, and Chi-square testing
- Integration of GPS and conventional survey data
- Output options and reporting tools

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This session was presented by James Johnston on 04/15/2025.

Construction Workflows Drawing

Cleanup and Point Population Tools

A Virtual Webinar Using MicroSurvey – Learn to Streamline Construction Workflows

This webinar, hosted by That CAD Girl and presented by MicroSurvey Software's James Johnston, explored efficient construction workflows using MicroSurvey CAD tools. The session demonstrated drawing cleanup, point population, and export techniques to streamline field layout and stakeout processes.

Key Topics:

- Drawing cleanup and rescale wizards
- Point population and management tools
- Exporting CAD and point data for field stakeout

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This session was presented by James Johnston on 06/19/2025.

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

A Virtual Webinar Using Carlson Software – Learn to Clean Up CAD Drawings

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.

Intro to Carlson – Settings, Setup, Configuration and Points

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

This webinar introduces users to Carlson Software's settings, configuration tools, and point management workflow webinar. It covers interface setup, project folder organization, drawing templates, and best practices for maintaining consistent configurations across projects.

Key Topics:

- Carlson user interface setup and customization
- Carlson Configure and default settings management
- Project folder structures and data organization
- Drawing templates and National CAD Standards
- Point import, display, and text style configuration

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This session was presented by Jennifer DiBona on 06/03/2025.

Intro to Carlson – Settings, Setup, Configuration & Points

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

This Carlson settings, setup, configuration and points webinar virtual class helps users create consistent project workflows through interface setup, templates, folder organization, and point

management. It covers interface setup, project folder organization, drawing templates, and best practices for maintaining consistent configurations across projects.

Key Topics:

- Carlson user interface setup and customization
- Carlson Configure and default settings management
- Project folder structures and data organization
- Drawing templates and National CAD Standards
- Point import, display, and text style configuration

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This session was presented by Jennifer DiBona on 03/11/2025.