

Initial Settings for Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Configure Initial Settings

This webinar, hosted by That CAD Girl and presented by Travis Maxwell, walks users through the essential initial setup steps for Carlson Software. It covers configuration best practices, profile management, drawing setup, and strategies for maintaining consistent settings across teams.

Key Topics:

- Carlson Software initial configuration and profiles
- Drawing and display settings
- File paths, fonts, and server-based setups
- Carlson Configure and project data folder management
- Sewer, storm, and utility network setup
- Tool palettes and productivity shortcuts

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

This session was presented by Travis Maxwell on 01/18/2022.

That CAD Girl

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How to Create the Ultimate Drawing Template and Get the Most Out of It

A Virtual Webinar Using Carlson Software – Learn to Create Better Drawing Templates

This webinar from That CAD Girl and Carlson Software expert Travis Maxwell walks users through building a clean, efficient, and scalable CAD drawing template in IntelliCAD/Carlson. Topics include cleaning files, managing layers, fonts, line types,

title blocks, plotting standards, and using sheet sets for multi-sheet projects.

Key Topics:

- Creating and maintaining clean template files
- Managing layers, line types, and fonts
- Setting up title blocks, attributes, and fields
- Plot styles, CTB management, and publishing PDFs
- Using sheet sets for multi-sheet management

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This session was presented by Travis Maxwell on 02/15/2022.

Customizing Menus & Toolbars Recorded on 5/11/2022

A Virtual Webinar Using Carlson Software – Learn to Customize Menus and Toolbars

This webinar, led by Travis Maxwell and hosted by That CAD Girl,

provides an in-depth walkthrough of how to customize menus, toolbars, workspaces, and settings in Carlson Software. It covers practical steps for saving configurations, managing tool palettes, and optimizing the user interface for efficiency.

Key Topics:

- Customizing toolbars, menus, and workspaces in Carlson
- Using the CUI (Custom User Interface) command
- Managing tool palettes and saving configuration files
- Layer management and workspace recovery
- Tips for efficient CAD setup and troubleshooting

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This session was presented by Travis Maxwell on 05/11/2022.

Best Practices for Network Solutions with Carlson's GNSS RTK Systems

A Virtual Webinar Using Carlson SurvNet – Learn Best Practices for

GNSS RTK Networks

This webinar led by Carlson Software's Doug Hoberg covers best practices for using GNSS and RTK systems in surveying workflows. It focuses on establishing accurate control networks, integrating GPS and EDM data, and performing least-squares adjustments using Carlson SurvNet.

Key Topics:

- GNSS/RTK field procedures and accuracy considerations
- Establishing and verifying control networks
- Using Carlson SurvNet for traverse adjustment and network analysis
- Managing standard errors, redundancy, and blunder detection
- Generating ALTA/NSPS relative positional accuracy (RPA) reports

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This session was presented by Doug Aaberg on 01/27/2022.

Basics of Annotation in Carlson Software

A Virtual Webinar Using Carlson Software – Learn Annotation Scaling Best Practices

This webinar introduces the fundamentals of annotation in Carlson Software, covering text styles, scaling, labeling, and configuration best practices. Attendees learn how to manage annotation consistency across drawings, use Auto Annotate, and customize text styles for professional, readable plans.

Key Topics:

- Text styles and fonts in IntelliCAD and AutoCAD
- Drawing setup and annotation scaling
- Auto Annotate for bearings, distances, and line/curve tables
- Object linking and label updates
- Managing point labels and templates

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This session was presented by Jennifer DiBona on 02/11/2022.

Annotation for Surveyors

A Virtual Webinar Using Carlson Software – Learn Survey Annotation Tools

This webinar, Annotation for Surveyors, presented by Carlson Software's Doug Oberg, provides a detailed walkthrough of annotation tools and best practices in Carlson CAD software. The session covers area labeling, bearings and distances, curve annotation, and automation techniques for efficient survey drafting.

Key Topics:

- Annotation setup and configuration in Carlson Software
- Labeling areas, bearings, distances, and curves
- Using Auto Annotate and Lot Network tools for automation

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This session was presented by Doug Aaberg on 03/24/2022.

All About Coordinates in Carlson Software

A Virtual Webinar Using Carlson Software – Learn Coordinate System Fundamentals

This webinar, hosted by That CAD Girl and presented by Carlson Software's Doug Oberg, explores the fundamentals of coordinate systems used in surveying and CAD workflows. It covers ellipsoids, geoids, datums, scale factors, and Carlson tools for managing grid-to-ground conversions and projections.

Key Topics:

- Coordinate system fundamentals (ellipsoid, geoid, state plane, grid vs. ground)
- Scale factors and combined scale factor calculations
- Carlson Software tools for coordinate management and projection setup
- Upcoming datum and unit changes (NAD 2022, low-distortion projections, U.S. survey foot retirement)
- Practical applications for surveyors using GPS, RTK, and CAD integration

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This session was presented by Doug Aaberg on 09/08/2022.

Introduction to Carlson Software – Settings Setup Configuration & Points

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

This webinar introduces new and returning users to Carlson Software, focusing on initial setup, configuration, and point management. It covers interface navigation, project folder organization, default settings, and template creation for efficient CAD workflows.\

Key Topics:

- Carlson Software interface and configuration
- Managing project and data folders
- Setting up drawing defaults and templates
- Importing and displaying survey points
- Understanding data vs. settings files

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This session was presented by Jennifer DiBona on 01/04/2022.

Stormwater Spread Calculations using Storm Networks

A Virtual Webinar Using Carlson Software – Learn Road Design Workflows

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

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This session was presented by Travis Maxwell on 03/15/2023.

Surfaces and Breaklines – the Basics

A Virtual Webinar Using Carlson Software – Learn Surfaces and Breaklines Basics

This webinar provides a step-by-step introduction to creating and refining surface models in Carlson Software. It covers essential workflows for checking elevations, defining boundaries, using breaklines, and merging terrain data from multiple sources.

Key Topics:

- Surface modeling fundamentals in Carlson Survey and Civil
- Using breaklines and shrink-wrap boundaries
- Field-to-Finish automation and non-surface point management
- Importing and merging Google Earth and NED elevation data

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This session was presented by Jennifer DiBona on 02/16/2023.