

Introduction to CAD Standards Manager

A Virtual Webinar Using CAD Standards Manager – Learn CAD Standards Compliance Workflows

This recorded webinar presents an in-depth introduction to CAD Standards Manager, a tool that simplifies maintaining drawing and layer standards within AutoCAD environments. Hosted by That CAD Girl and CAD Masters, the session demonstrates how the software integrates with the National CAD Standard to automate adherence, layer management, and content sharing across teams.

Key Topics:

- National CAD Standard (NCS) and its application in survey/civil disciplines
- CAD Standards Manager overview: user and admin modules
- Automation of layer creation, conversion, and compliance using databases
- Management of blocks, details, and sheet borders
- Page setups, style libraries, and batch conversions

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

This session was presented by Jennifer DiBona on 03/26/2014.

Introduction to Carlson Software

A Virtual Webinar Using Carlson Software – Learn Intro to Carlson Project Setup

This webinar provides a detailed introduction to Carlson Software, covering installation basics, configuration, project data management, and essential workflows for new users. It explains setup methods, drawing creation, template use, point management, surface generation, and integration with IntelliCAD and AutoCAD platforms.

Key Topics:

- Installing and maintaining Carlson Software builds
- Setting up projects, drawings, and default configurations
- Managing points, surfaces, and coordinate files
- Configuring drawing templates and annotation scaling
- Field-to-Finish workflows, data folders, and symbol libraries
- Building and editing surfaces, centerlines, and profiles
- Integrating Google Earth and GIS imagery

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This session was presented by Jennifer DiBona on 03/10/2014.

Intro to Carlson SurvCE and SurvPC with Jeremy Taylor PLS

A Virtual Webinar Using Carlson SurvCE and SurvPC – Learn Field Data Collection Setup

In this webinar, licensed surveyor Jeremy Taylor provides a detailed two-hour introduction to Carlson SurvCE and SurvPC data collection software. The session covers system setup, field data workflows, job management, hardware configuration, and practical demonstration of core surveying features.

Key Topics:

- Overview of SurvCE and SurvPC functionality
- Job creation, configuration, and management
- Total station and GPS setup
- Feature codes and field-to-finish linework
- Stakeout routines and advanced roading features
- Q&A on projections and scaling

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This session was presented by Jeremy Taylor, on 03/17/2014.

Overview of Surfaces in Carlson Software

A Virtual Webinar Using Carlson Software – Learn Carlson Surfaces and Contour Modeling

This webinar provides a detailed walkthrough of surface modeling techniques in Carlson Software, focusing on creating, editing, and managing TIN surfaces using the Triangulate and Contour tools. Participants learn practical workflows for quality checking surfaces, handling errors, applying boundaries, balancing cut/fill, and generating finished grading and volumetric reports.

Key Topics:

- Creating and editing TIN surfaces in Carlson
- Troubleshooting and refining surface data
- Using Shrink-Wrap, Non-Surface tags, and Triangulate & Contour settings
- Generating contours, daylight lines, and pad designs
- Volume calculations and merging surfaces

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

This session was presented by Jennifer DiBona on 02/11/2014.

Introduction to Carlson Software

A Virtual Webinar Using Carlson Software – Learn Intro to Carlson Setup and Survey Workflows

This entry-level Carlson Software webinar introduces users to the basics of setting up, configuring, and working efficiently in Carlson Civil Suite using both AutoCAD and IntelliCAD platforms. The session covers drawing setup, coordinate management, field-to-finish processing, surfaces, profiles, and GIS tools for integrating maps and imagery.

Key Topics:

- Carlson Software setup and configuration
- Drawing setup, templates, and defaults
- Managing coordinate (CRD) and project files
- Field-to-Finish automation
- Surface creation and contouring
- Profile and centerline creation
- GIS and Google Earth integration

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

This session was presented by Jennifer DiBona on 01/05/2014.

Customizing Carlson for Erosion Control Design – Session 1-2 Recorded 09/19/2023.

Video for this session is not available.

**LeMay_Customizing Carlson for
Erosion Control Permitting and
Design with Travis Maxwell**

That CAD Girl

Session #1-1

Customizing Carlson for Erosion
Control Permitting & Design

Presented by Travis Maxwell

Request custom training from Travis by emailing:
ContactUs@thatcadgirl.com



That CAD Girl

Session #1-2

Customizing Carlson for Erosion
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Session #1-3

Customizing Carlson for Erosion
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Session #2-1

Customizing Carlson for Erosion
Control Permitting & Design

Presented by Travis Maxwell

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That CAD Girl

Session #2-2

Customizing Carlson for Erosion
Control Permitting & Design

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That CAD Girl

Session #2-3

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SAMPLE VIRTUAL CLASSROOM CAD, CARLSON, MICROSURVEY

Learn the fundamentals of CAD with That CAD Girl's *Getting Started with CAD* training series. This introductory session covers essential CAD concepts, interface navigation, command-line skills, and best practices for working in Carlson, MicroSurvey, and Civil 3D.

Key Topics:

- Understanding CAD platforms (IntelliCAD vs. AutoCAD)
- Navigating Carlson, MicroSurvey, and Civil 3D interfaces
- Using workspaces, ribbons, and toolbars effectively
- Command-line basics and shortcut aliases
- File management, auto-save, and backup strategies
- Customizing options and display settings
- Status bar tools and function key shortcuts
- Drawing settings, units, and coordinate systems
- Line vs. Polyline fundamentals
- UCS icon setup and coordinate orientation

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This session was presented by Jennifer DiBona on 9/16/2025

SAMPLE VIRTUAL CLASSROOM In

Depth Carlson Hydrology with Travis Maxwell

This webinar provides a comprehensive introduction to Carlson Hydrology, led by veteran engineer Travis, focusing on setup, workflows, and best practices for stormwater modeling and design. Attendees learn how to configure libraries, manage sewer networks, and apply hydrologic methods such as SCS and Rational within Carlson Software.

Key Topics:

- Carlson Hydrology module overview and setup
- Sewer and storm network configuration
- Use of SCS and Rational methods for runoff and detention
- Inlet libraries, rainfall data, and HydroNet integration
- Best practices for file management and dynamic modeling

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This session was presented by Travis Maxwell on 11/07/2024. This webinar provides a comprehensive introduction to Carlson Hydrology, led by veteran engineer Travis, focusing on setup, workflows, and best practices for stormwater



modeling and design. This webinar provides a comprehensive introduction to Carlson Hydrology, led by veteran engineer Travis, focusing on setup, workflows, and best practices for stormwater modeling

design. This session continues the in-depth Carlson Hydrology training with a focus on storm sewer network modeling, watershed delineation, and hydraulic grade line analysis. This session continues the in-depth Carlson Hydrology training with a focus on storm sewer network modeling, watershed delineation, and hydraulic grade line analysis. This final session of the

In-Depth Carlson Hydrology training series covers advanced hydrology modeling techniques using Carlson Hydrology and HydroNET. This final session of the In-Depth Carlson Hydrology training series covers advanced hydrology modeling techniques using Carlson Hydrology and HydroNET.



That CAD Girl presents!

IN-DEPTH
CARLSON HYDROLOGY
Session #1-1

Presented by Travis Maxwell
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IN-DEPTH
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Working with Blocks and Creating Custom Title Blocks

A Virtual Webinar Using Carlson Software – Learn Carlson title blocks webinar workflows for reusable CAD standards

This webinar teaches CAD professionals how to effectively create and manage blocks, attributes, and custom title blocks in AutoCAD, IntelliCAD, and Carlson Software. It explains industry-best practices for layer management, block structuring, and attribute definition to ensure consistency and efficiency across drawing sets.

Key Topics:

- CAD Layer Management Fundamentals
- Creating and Inserting Blocks and Attributes
- Handling Nested Layers and References
- Attribute Definitions (Tags, Prompts, Defaults)
- Building Custom Title Blocks

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This session was presented by Jennifer DiBona on 08/09/2017.