

Survey Project From Field to Plotted Sheet

A Virtual Webinar Using Carlson Survey – Create a Plotted Survey Sheet

This webinar demonstrates how to take a survey project from raw field data to a finished plotted sheet using Carlson Survey 2023. The session covers importing points, configuring settings, creating boundaries, aligning deed data, building surfaces, and producing final annotated drawings.

Key Topics:

- Carlson Survey 2023 workflow setup
- Importing and managing point files (control, topo)
- Deed entry, alignment, and correlation
- Field-to-Finish automation
- Surface creation, contouring, and plotting

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

This session was presented by Jennifer DiBona on 09/14/2023.

That CAD Girl

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The Power of Tool Palettes

A Virtual Webinar Using CAD Software – Learn Tool Palette Automation

This webinar, *The Power of Tool Palettes*, led by Travis Maxwell and hosted by That CAD Girl, explores how CAD professionals can use tool palettes to standardize drafting practices, automate repetitive tasks, and improve team consistency. The session covers setup strategies, macro scripting, and sharing palettes across teams for efficient project

workflows.

Key Topics:

- Setting up and managing tool palettes
- Using macros and scripts for automation
- Maintaining CAD standards and consistency across teams
- Sharing and exporting palettes for office-wide use

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This session was presented by Travis Maxwell on 08/30/2023.

The Ultimate Project Template

A Virtual Webinar Using Carlson Software – Build Project Templates and Standards

This webinar, hosted by That CAD Girl and led by trainer Travis Maxwell, provides a comprehensive walkthrough of creating and managing an “Ultimate Project Template” in Carlson and IntelliCAD. It covers CAD standards, template setup, line type scaling, paper space vs. model space, and advanced sheet management for survey and civil projects.

Key Topics:

- Setting up and customizing Carlson/IntelliCAD templates
- Understanding LT Scale, PSLT Scale, and MSLT Scale
- Paper space vs. model space best practices
- Viewports, legends, and line type scaling
- Civil vs. survey template differences
- Sheet sets, plotting, and CAD standards management

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This session was presented by Travis Maxwell on 02/15/2023.

Tips & Tricks in Carlson Software

A Virtual Webinar Using Carlson Software – Build Project Templates and Standards

This webinar, part of the “Tips & Tricks in Carlson Software” series, features Travis demonstrating advanced table functionality in Carlson and IntelliCAD. The session covers linking data from CSV and Excel files, table editing, and dynamic data updates to improve

design accuracy and efficiency.

Key Topics:

- Creating and editing Carlson and IntelliCAD tables
- Linking tables to external data sources (CSV, Excel)
- Dynamic updates and data synchronization
- Table formatting, formulas, and field insertion
- Upcoming training sessions and workshops

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This session was presented by Travis Maxwell on 08/24/2023.

Tips & Tricks in Carlson Software

A Virtual Webinar Using Carlson Software – Learn CAD Efficiency Tips

This webinar, led by Travis Maxwell and hosted by That CAD Girl, covered advanced tips and tricks for Carlson Software users, focusing on CAD efficiency, data linking with Excel, template management, and IntelliCAD updates. The session demonstrated practical workf

lows for text handling, viewport color overrides, data linking, and Lisp compatibility.

Key Topics:

- Exploding text and managing fonts in CAD templates
- Using ETRANSMIT and project archiving for file sharing
- Linking Carlson tables with Excel spreadsheets
- Viewport color overrides and layer management in templates
- IntelliCAD 11.1 updates and tool palette enhancements
- Troubleshooting and adapting AutoLISP commands for IntelliCAD

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This session was presented by Travis Maxwell on 09/12/2023.

Tips & Tricks in Carlson Software

A Virtual Webinar Using Carlson Software – Learn CAD Efficiency Tips

This webinar, hosted by That CAD Girl and presented by Travis Maxwell, covered advanced tips and tricks in Carlson Software,

focusing on text management, drawing cleanup, workspace customization, and grading workflows. The session demonstrated practical commands and methods to improve efficiency and accuracy in daily CAD operations.

Key Topics:

- Carlson Software text and MText management
- Drawing cleanup and Overkill command usage
- Creating and customizing workspaces and menus
- Swale design using 3D polylines and Pad Template tools

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This session was presented by Travis Maxwell on 10/12/2023.

Web Feature Services with Carlson GIS

A Virtual Webinar Using Carlson GIS – Learn Web Feature Services

This webinar, hosted by That CAD Girl and presented by Travis, provides a detailed walkthrough of using web feature services (WFS) and web map services (WMS) within Car

lson GIS. It demonstrates how to access, import, and manage GIS data layers such as FEMA flood maps, USGS topo maps, wetlands, and soils data to create accurate base maps for civil and survey projects.

Key Topics:

- Accessing and importing web feature and map services in Carlson GIS
- Integrating USGS, FEMA, wetlands, and soils data layers
- Setting coordinate projections and verifying grid alignment
- Using shape files and QGIS for supplemental GIS workflows
- Creating tool palettes for efficient project setup

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This session was presented by Travis Maxwell on 05/24/2023.

Working With Sheet Sets

A Virtual Webinar Using IntelliCAD – Learn Sheet Set Automation

This webinar, presented by Travis Maxwell and hosted by That CAD

Girl, provides a comprehensive walkthrough of using sheet sets in IntelliCAD and AutoCAD. It covers setup, numbering, field management, and automation techniques to streamline large CAD projects.

Key Topics:

- Creating and managing sheet sets in IntelliCAD
- Automating title block data with fields and LISP scripts
- Organizing large projects and publishing multi-sheet PDFs

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This session was presented by Travis Maxwell on 10/27/2023.

Stormwater Channel Design in Carlson Software Recorded 10/25/2023

A Virtual Webinar Using Carlson Software – Design Stormwater

Channels

This webinar, hosted by That CAD Girl and presented by Travis, provides a detailed walkthrough of stormwater channel design using Carlson Software. It covers hydraulic principles, channel stability analysis, and practical workflows for grading and modeling swales within Carlson Civil and Hydrology modules.

Key Topics:

- Fundamentals of open channel hydraulics and design equations
- Using Carlson Software tools for channel and liner design
- Practical workflow for grading swales and calculating flow parameters
- Shear stress, velocity, and lining stability analysis
- Integration of hydrology tools for watershed and flow calculations

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This session was presented by Travis Maxwell on 10/25/2023.

Stormwater and Sewer As-builts

the Quick and Easy Way

A Virtual Webinar Using Carlson Hydrology – Create Stormwater Sewer As-Builts

This webinar, presented by That CAD Girl and Carlson Software's Travis, demonstrates a streamlined method for creating stormwater and sewer as-builts using Carlson Hydrology's Storm/Sewer Network tools. The session walks through data import, surface creation, network setup, and profile generation to simplify as-built workflows for engineers and surveyors.

Key Topics:

- Efficient workflow for storm and sewer as-builts
- Carlson Hydrology and Storm/Sewer Network setup
- Data import, 3D polylines, and profile generation
- Field-to-Finish integration and manual editing techniques
- Upcoming That CAD Girl training sessions

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This session was presented by Travis Maxwell on 07/12/2023.