

The Ultimate Project Template Recorded 2/15/2023

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

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

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

Tips & Tricks in Carlson

Software

Recorded 8/24/2023

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

Recorded 9/12/23

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 workflows 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

Recorded 10/12/2023

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

Recorded 5/24/2023

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 Carlson 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

Recorded on 10/27/2023

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

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 Recorded 7/12/2023

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 set

up, 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.

Site Project Grading from Start to Finish Recorded 10/18/2023

This webinar provides a complete walkthrough of grading a site project using Carlson Civil, from initial setup and data preparation to creating surfaces and calculating volumes. It demonstrates practical workflows for converting 2D linework into 3D models, managing elevation data, and producing accurate grading surfaces for construction and design.

Key Topics:

- 2D to 3D polyline conversion methods
- Building pad and curb grading techniques
- Surface modeling and volume calculations

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This session was presented by Jennifer DiBona on 10/18/2023.

Process and Adjustments in the Edit-Process Raw Data Editor Recorded 8/16/2023

This webinar, led by Doug Oberg from Carlson Software, provides an in-depth walkthrough of processing and adjusting survey data using the *Edit Process Raw Data Editor* in Carlson Survey. Attendees learn how to manage raw data files, perform compass rule adjustments, handle GPS integration, and troubleshoot common field-to-office workflows.

Key Topics:

- Using the Edit Process Raw Data Editor in Carlson Survey
- Managing RW5 raw data files and import formats

- Compass rule and angle balance adjustments
- Integration of GPS and total station data
- Troubleshooting, checkpoints, and reporting settings

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This session was presented by Doug Aaberg on 08/16/2023.