The Ultimate Project Template

A Virtual Webinar Using CAD – Learn to Build a Project Template with CAD 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.

Although Carlson Software with IntelliCAD was used in this session and a few Carlson-specific commands are shown, the workflows are by and large the same for all AutoCAD or IntelliCAD based programs, and other programs will likely have their own version of those Carlson commands.

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 ha ve been AI-generated and may contain errors.

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

Tips & Tricks in Carlson Software

A Virtual Webinar Using Carlson Software – Learn Tips and Tricks for Tables

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 and Excel)
- Dynamic updates and data synchronization
- Table formatting, formulas and field insertion
- Exporting tables for reports and plan sheets

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

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 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 Intelli CAD

Descriptions, transcripts and other details of this recording ha

ve been AI-generated and may contain errors.

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

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

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 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

Descriptions, transcripts and other details of this recording ha

ve been AI-generated and may contain errors.

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. It covers creating a sheet set from existing drawings, sheet numbering and titles with fields and managing project data across drawings with tables, custom drawing properties and a LISP routine to streamline large CAD projects.

Key Topics:

- Creating a sheet set from existing drawings and layouts
- Ordering, numbering and naming sheets
- Sheet set fields for sheet titles and numbers in title blocks
- Managing project data with tables, custom drawing properties and a LISP routine
- Keeping detail sheets and design drawings in separate files
- Publishing multi-sheet PDFs

Descriptions, transcripts and other details of this recording

have been AI-generated and may contain errors.

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

Stormwater Channel Design in Carlson Software

A Virtual Webinar Using Carlson Software – Learn to 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

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

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, hosted by That CAD Girl and presented by Travis Maxwell, demonstrates a streamlined method for creating stormwater and sewer as-builts using Carlson Hydrology's Storm/Sewer Network tools.

Key Topics:

- Efficient workflow for storm and sewer as-builts
- Carlson Hydrology and Storm/Sewer Network setup
- Drawing structures from surveyed points with Field to Finish
- Data import, 3D polylines and pipe networks
- Producing as-built maps and reports for deliverables

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

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

Site Project Grading from Start to Finish

A Virtual Webinar Using Carlson Civil – Learn Site Project Grading

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:

- Initial setup and data preparation
- 2D to 3D polyline conversion methods
- Managing elevation data
- Building pad and curb grading techniques
- Surface modeling
- Volume calculations

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

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

Process and Adjustments in the Edit-Process Raw Data Editor

A Virtual Webinar Using Carlson Survey – Learn Raw Data Adjustments

This webinar, presented by Doug Aaberg 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 import raw data, edit observations and run adjustments before writing results to the coordinate file.

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

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

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