

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

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

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.

Overview of Carlson Field to Finish

Recorded 5/10/2023

This webinar provides a detailed walkthrough of Carlson Software's Field to Finish feature, explaining how survey data collected in the field can be automatically processed into CAD drawings with appropriate layers, symbols, and linework. Participants learn how to create and manage FLD files, field codes, and special codes to streamline drafting and surface modeling.

Key Topics:

- Field to Finish concepts and workflow
- Creating and editing FLD files and field codes
- Managing layers, symbols, and attribute layouts
- Using special codes for descriptions and linework
- Handling 2D vs 3D polylines and surface break lines

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This session was presented by Jennifer DiBona on 05/10/2023.

Migration from Civil3d to Carlson 2023 for Engineers Recorded 7/26/2023

This webinar, led by Travis Maxwell and hosted by That CAD Girl, provides a detailed walkthrough of migrating from Autodesk Civil 3D to Carlson 2023. It covers practical workflows, compatibility

ty issues, and best practices for engineers transitioning CAD environments.

Key Topics:

- Transition strategy from Civil 3D to Carlson
- File compatibility and conversion tools
- Managing fonts, shapes, and proxy entities
- Surface modeling and grading workflows
- Customization and template recreation

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This session was presented by Travis Maxwell on 07/26/2023.

How does Today's IntelliCAD handle ...?

Recorded 4/13/2023

This webinar explores how modern IntelliCAD performs when running Carlson Software, comparing its current features to AutoCAD's and highlighting major improvements since earlier versions. It demonstrates annotative text, multi-leaders, dynamic block handling, X-ref editing, and the Sheet Set Manager to help CAD professionals streamline drafting workflows.

Key Topics:

- Annotative text setup and scaling
- Multi-leaders and annotation tools
- Dynamic blocks and visibility parameters
- Block and X-reference editing in place
- Sheet Set Manager and title-block automation

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This session was presented by Jennifer DiBona on 04/13/2023.

Features of Carlson Survey & Civil – Setting Points and Stakeout Recorded 3/14/2023

This webinar provides a detailed walkthrough of Carlson Survey and Civil tools for setting points, managing field-to-finish workflows, and performing stakeout operations. Participants learn practical tips for configuring settings, creating and editing points, interpolating elevations, and leveraging automation to improve CAD productivity.

Key Topics:

- Carlson Survey and Civil point creation and management
- Field-to-Finish (FLD) file setup and usage
- Create Points from Entities and Interpolation tools
- Building offsets, envelopes, and stakeout workflows
- Integration of profiles and centerlines for civil design

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This session was presented by Jennifer DiBona on 03/14/2023.

Evaluating Pipe Network Capacity

Recorded 4/26/2023

This webinar, hosted by That CAD Girl and presented by Travis, provided a detailed walkthrough of evaluating water system capacity using Carlson Software's Pressure Pipe Network tools integrated with EPA Net. Attendees learned how to model, analyze, and verify water distribution systems for pressure and flow performance.

Key Topics:

- Setting up and editing utility and pressure pipe networks in Carlson
- Exporting and validating models in EPA Net
- Performing fire flow and pressure analyses
- Troubleshooting connection and modeling issues

- Interpreting hydraulic grade line (HGL) and head loss results

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This session was presented by Travis Maxwell on 04/26/23.