

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

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.

That CAD Girl

Some content on this website was prepared with AI assistance. Please verify important information with the manufacturer or original source before making purchasing or financial decisions.

If you find the material on this website helpful, please consider supporting That CAD Girl by purchasing our products or services.

If you are interested in purchasing products or services we do not offer, we would love to refer you to one of our Trusted Partners. Please [click here](#) to send us a message with your request.

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

Descriptions, transcripts and other details of this recording have 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 dem

onstrates 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

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, 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

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.

Overview of Carlson Field to Finish

A Virtual Webinar Using Carlson Software – Learn Field to Finish Workflows

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

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

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

How does Today's IntelliCAD handle ...?

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

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

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

Features of Carlson Survey & Civil – Setting Points and Stakeout

A Virtual Webinar Using Carlson Software – Learn Point Setup and Stakeout

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

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

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

Evaluating Pipe Network Capacity

A Virtual Webinar Using Carlson Software – Evaluate Pipe Network Capacity

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

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

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

Advanced Road Network

A Virtual Webinar Using Carlson RoadNet – Learn Advanced Road Network Design

This webinar, hosted by That CAD Girl and presented by Travis, provides an in-depth look into advanced features of Carlson RoadNet. It covers dynamic road network setup, template configuration, curb ramps, cul-de-sacs, lot grading, and troubleshooting techniques for civil design professionals.

Key Topics:

- Dynamic Carlson RoadNet setup and configuration

- Advanced template creation and transitions
- Curb ramps, cul-de-sacs, and hammerhead intersections
- Lot grading and building pad elevation
- Troubleshooting and optimization best practices

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

This session was presented by Travis Maxwell on 05/11/2023.

Introduction to Carlson Software – Settings Setup Configuration & Points

A Virtual Webinar Using Carlson Software – Learn Settings Setup and Points

This webinar introduces new users to Carlson Software's setup and configuration process, focusing on default settings, data organization, and drawing templates. It provides a step-by-step walkthrough for configuring projects, managing data folders, linking objects, and importing survey points efficiently.

Key Topics:

- Carlson Software installation and interface overview
- Configuring default settings and data folders
- Managing templates, layers, and text styles
- Linking data files (CRD, CL, TIN) with drawings
- Importing and displaying survey points

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

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