Using Carlson Hydrology for Sanitary and Utility Design

A Virtual Webinar Using Carlson Software – Learn to Design Sanitary Sewer Networks

This webinar demonstrates how to use Carlson Hydrology for sanitary sewer and utility network design. Mark Long walks through setting up sewer network parameters, creating SEW files, importing polylines and managing profiles and laterals for efficient civil design workflows.

Key Topics:

- Setting up sanitary sewer and utility networks in Carlson Hydrology
- Sewer network settings, parameters and design criteria
- Importing 2D polylines to create networks
- Editing profiles, slopes and manholes
- Creating and managing laterals and cleanouts

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

This session was presented by Mark Long on 07/08/2021.

Creating & Using Points for Construction Staking

A Virtual Webinar Using Carlson Software – Learn to Create Points for Staking

This webinar, hosted by That CAD Girl and presented by Walt Liles of Terrain Technology, demonstrates how to create and use Carlson Software points for construction staking. It covers CRD files, point numbering systems, layer management, exporting/importing points and practical field applications for survey and construction workflows.

Key Topics:

- Creating and managing Carlson CRD files
- Point numbering, descriptions and layers
- Using points for storm, sewer, water and layout staking
- Exporting/importing points between Carlson and Topcon
- Offsets, intervals and field data workflows

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

This session was presented by Walt Liles on 04/21/2021.

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.

Migration from Civil 3D to Carlson 2023 for Engineers

A Virtual Webinar Using Carlson Software – Learn Civil 3D Migration Workflows

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 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.

Tips & Tricks in Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Improve RoadNet Workflows

This webinar, led by Travis Maxwell, explores advanced tips and tricks in Carlson Software 2025, focusing on RoadNet workflows, Civil 3D file conversion and interface customization. Attendees learn practical methods to streamline grading, surface management and toolbar configuration for more efficient design work.

Key Topics:

- Customizing toolbars and commands in Carlson 2025
- Converting Civil 3D files for use in Carlson
- Managing dense TIN surfaces and reducing file complexity
- RoadNet 2025 features and workflow improvements
- Troubleshooting performance and memory issues

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This session was presented by Travis Maxwell on 09/24/2024.

Tips & Tricks in Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Speed Up Sheet Indexes, Profiles and PDF Linework

This Carlson Software webinar, hosted by That CAD Girl and presented by Travis Maxwell, covered advanced productivity techniques for Carlson CAD users. Topics included automating sheet indexes, importing Civil 3D drawings, creating and fitting profiles and extracting usable data from DOT PDF plans.

Key Topics:

- Automating sheet index creation with block attributes
- Converting and importing Civil 3D drawings into Carlson
- Creating and refining road profiles and centerlines
- Extracting linework and text from DOT PDF plans
- Troubleshooting MLeader background masks and template file behavior

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

This session was presented by Travis Maxwell on 08/30/2024.

Tips & Tricks in Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Improve Drafting Workflows

This Carlson Software Tips & Tricks webinar, led by Travis Maxwell and hosted by That CAD Girl, explored advanced drafting and design techniques in Carlson 2024. Topics included dynamic arrays, labeling elevations, dynamic text linking, profile customization and title block management for efficient civil design workflows.

Key Topics:

- Dynamic arrays and grid creation
- Labeling elevations and using UCS for profiles
- Dynamic text and Excel-linked tables
- Profile drawing with cut/fill hatching and label boxes
- Title block automation and block data reporting

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 07/25/2024.

Tips & Tricks in Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Optimize Civil Workflows

This Carlson Software webinar, hosted by That CAD Girl and presented by Travis Maxwell, explored advanced techniques and workflows in Carlson Civil and related tools. Topics included surface rendering, QGIS integration, annotative CAD scaling and the new parking lot design tool.

Key Topics:

- Advanced surface modeling and rendering in Carlson Civil
- Integrating QGIS and DEM data for terrain modeling
- Annotative text and symbol scaling in CAD drawings
- Introduction to the Parking Lot Tool for grading and layou t
- Workflow optimization and visualization techniques

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 06/05/2024.

Tips & Tricks in Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Improve Drafting Workflows

This webinar, hosted by That CAD Girl and presented by Travis Maxwell, covered advanced tips and tricks for Carlson Software users. Topics included Field-to-Finish setup, annotative text management, custom toolbars and LotNet subdivision workflows to improve drafting and design efficiency.

Key Topics:

- Field-to-Finish setup using spreadsheets
- Annotative text and scaling best practices
- Custom toolbar and LISP automation
- Text formatting cleanup and overrides
- LotNet for subdivision and lot numbering

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This session was presented by Travis Maxwell on 04/25/2024.

Overview of Carlson Field to Finish

A Virtual Webinar Using Carlson Software – Learn to Automate Field Data Drafting

This webinar provides a comprehensive walkthrough of Carlson Sof tware's *Field to Finish* feature, demonstrating how to automate point processing, symbol insertion and linework generation from field data. Attendees learn how to configure FLD files, manage layers and apply coding standards to streamline survey drafting and surface modeling.

Key Topics:

- Field to Finish fundamentals and FLD file setup
- Layer management and symbol configuration
- Point labeling, attribute layers and raw vs. full descriptions
- Special codes for linework (BEG, END, PC, PT, etc.)
- Handling default codes, sizes and descriptive modifiers

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

This session was presented by Jennifer DiBona on 02/14/2024.