Tools To Design Stormwater Collection in Steep Terrain

A Virtual Webinar Using Carlson Software – Learn to Design Stormwater Collection

This Carlson Software webinar, led by Travis Maxwell, demonstrates how to use Carlson Hydrology tools to design stormwater collection systems in steep terrain. The session covers practical workflows for modeling swales, culverts and drainage networks efficiently using Storm Network and related Carlson tools.

Key Topics:

- Stormwater design in steep terrain
- Using Carlson Hydrology’s Storm Network for swales and culverts
- Managing drainage areas and slope calculations
- Manning’s equation and flow depth validation
- Stability checks and lining selection for mountain drainage

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

This session was presented by Travis Maxwell on 06/27/2024.

Tips & Tricks in Carlson Software

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

This Carlson Software webinar, led by Travis, covers advanced troubleshooting and productivity techniques for Carlson and IntelliCAD users. Topics include managing fonts, handling Civil 3D files, using LISP routines and optimizing stormwater design workflows.

Key Topics:

- Managing formatted text and font overrides in IntelliCAD
- Converting and cleaning Civil 3D files for Carlson use
- Using LISP routines for text cleanup
- Low-density stormwater and ditch design techniques
- Productivity and troubleshooting best practices

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This session was presented by Travis Maxwell on 03/29/2024.

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

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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

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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.

Tips & Tricks in CAD and Carlson Software

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

This webinar, hosted by That CAD Girl, provided an in-depth look at practical tips and tricks for using CAD and Carlson Software effectively. Topics included line types, polylines, wipeouts, text masks, symbol libraries and 3D polyline utilities for improved drafting and design workflows.

Key Topics:

- Creating and customizing line types in CAD and Carlson
- Using wipeouts and text masks for clean annotations
- Managing and importing symbol libraries
- Advanced polyline and 3D modeling techniques
- Offsetting and daylighting with 3D polylines

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This session was presented by Jennifer DiBona on 03/20/2024.

The Ultimate Drawing Template

A Virtual Webinar Using CAD – Learn to Build the Ultimate Drawing Template

This webinar, led by Travis Maxwell and hosted by That CAD Girl, provides a comprehensive walkthrough of creating, cleaning and optimizing CAD drawing templates in Carlson Software. It covers best practices for fields, attributes, layers, fonts and scaling to ensure consistency and efficiency across 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:

- Building and maintaining CAD drawing templates
- Using fields and block attributes for automation
- Managing fonts, layers and line types
- Cleaning drawings with purge commands
- Implementing National CAD Standards

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

Making Models from a Mess: Using Carlson Cleanup and Elevate Tools

A Virtual Webinar Using Carlson Software – Learn to Clean Up Drawings and Elevate 2D Data into 3D Models

This webinar, hosted by That CAD Girl's Jennifer DiBona, demonstrates how to transform messy CAD drawings into clean, usable models using Carlson Software's Cleanup and Elevate tools. The session covers practical workflows for cleaning, organizing and elevating data for model building and stakeout preparation.

Key Topics:

- Drawing cleanup techniques in Carlson Software
- Managing layers, blocks and nested entities
- Elevating 2D data to 3D models for takeoff and stakeout
- Using Carlson Civil and Takeoff tools effectively
- Troubleshooting messy or inconsistent CAD data

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This session was presented by Jennifer DiBona on 08/13/2024.