

# Annotation in Carlson Software-the Basics Recorded 10/18/2021

This webinar provides a foundational overview of annotation tools and settings in Carlson Software, focusing on text styles, scaling, and labeling techniques across modules. It demonstrates how to standardize annotation for consistent plotting and efficient drafting workflows.

## Key Topics:

- Text style management and configuration
- Annotation scaling and plotted size concepts
- Auto Annotate, area labels, and point text setup
- Managing offsets, leaders, and line/curve tables
- Practical annotation examples for survey and civil drawings

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

*This session was presented by Jennifer DiBona on 10/18/2021.*

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# Basics of Road Design in Carlson Civil Recorded 3/11/2021

This webinar, hosted by That CAD Girl and presented by Mark Long from Carlson Software, provides a comprehensive introduction to road design using Carlson Civil's Road Network tools. The session covers setup, configuration, template creation, and practical design workflows for roads, intersections, and cul-de-sacs.

## Key Topics:

- Introduction to Carlson Civil's Road Network (RoadNet)
- Setting up surfaces, templates, and profiles
- Creating intersections and cul-de-sacs
- Managing cross sections and earthwork quantities
- Tips for efficient road design workflows

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

*This session was presented by Mark Long on 03/11/2021.*

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## Advanced Road Design in

# Carlson Civil

## Recorded 4/8/2021

This webinar, hosted by That CAD Girl and presented by Mark Long from Carlson Software, provides an in-depth demonstration of advanced road design techniques using Carlson Civil. The session covers super elevation setup, template transitions, and template point center lines for complex roadway and drainage design scenarios.

### Key Topics:

- Super elevation design and configuration in Carlson Civil
- Template transitions for slope and grading adjustments
- Template point center lines for knuckles, parking, and sidewalks
- Stream impact minimization and slope control
- Integration with hydrology and future webinars

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

*This session was presented by Mark Long on 04/08/2021.*

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# Adv Field to Finish, Tree

# Surveys, Companion Codes and More

## Recorded 4/22/2021

This webinar, hosted by That CAD Girl and presented by Doug Oberg, explores advanced Carlson Field-to-Finish techniques to improve survey drafting efficiency. Topics include companion codes, fixed parameters, templates, and tree survey automation for faster, cleaner CAD workflows.

### Key Topics:

- Carlson Field-to-Finish advanced setup
- Companion codes for connecting linework and symbols
- Fixed parameters and templates for curb and pavement
- Tree survey automation and drip line visualization
- Efficiency improvements and real-world examples

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*This session was presented by Doug Aaberg on 04/22/2021.*

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# Introduction to Carlson

# Software – Settings Setup Configuration & Points, Recorded on 1/6/2021

This introductory Carlson Software webinar guides new users through configuring settings, templates, and point management in Carlson Survey and Civil modules. It covers installation defaults, project folder organization, drawing templates, and practical workflows for creating and editing points.

## Key Topics:

- Carlson Configure and default settings
- Project and data folder setup
- Drawing templates and DWT management
- Point creation, linking, and editing
- Help resources and version/build management

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*This session was presented by Jennifer DiBona on 01/06/2021.*

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## What is new in Carlson 2022

# Recorded on 3/15/2022

This webinar, hosted by That CAD Girl and presented by Travis Maxwell, explores new features and improvements in Carlson 2022 software. The session covers enhancements in IntelliCAD, dynamic blocks, text editing, grading tools, hydrology workflows, and integration with GIS and utility design systems.

## Key Topics:

- IntelliCAD 10.1 enhancements and dynamic block support
- New commands and text editing improvements
- Pad grading, lot elevation, and site design automation
- Integration with SiteNet, RoadNet, and HydroNet
- Custom drawing properties and tool palette customization
- GIS and QGIS workflows for shapefile management
- Stormwater and utility design updates

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*This session was presented by Travis Maxwell on 03/15/2022.*

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# Tools & Tricks For Converting Outside CAD Files

# Recorded on 4/13/2022

This webinar, hosted by That CAD Girl and presented by Travis Maxwell, provides a comprehensive walkthrough of best practices for converting and cleaning external CAD files for use in Carlson Software. It covers layer management, font and block cleanup, layer translation, and troubleshooting performance issues in IntelliCAD versus AutoCAD.

## Key Topics:

- Cleaning and optimizing external CAD files
- Managing layers, fonts, and Xrefs
- Using layer translation tools and templates
- Handling blocks, line types, and viewport colors
- Troubleshooting IntelliCAD performance issues

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*This session was presented by Travis Maxwell on 04/13/2022.*

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# The Very Basics of Carlson Field to Finish

# Recorded on 3/10/2022

This webinar introduces the fundamentals of Carlson's Field to Finish workflow, led by Doug Oberg and hosted by That CAD Girl. It walks surveyors through setting up code tables, managing linework, and automating drafting tasks to improve efficiency from field data collection to finished CAD drawings.

## Key Topics:

- Introduction to Carlson Field to Finish setup
- Creating and editing code tables
- Managing linework, symbols, and layers
- Using special codes and offsets
- Automating drafting and data processing

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This session was presented by Doug Aaberg on 03/10/2022.

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# Surfaces and Breaklines – the Basics

## Recorded in 2/9/2022

This webinar introduces the fundamentals of creating and refining surface models in Carlson Software, focusing on how to use points, breaklines, and surface-editing tools to produce accurate terrain models. It covers best practices for data preparation, tr

iangulation, contour generation, and integrating external elevation data for design and visualization.

### **Key Topics:**

- Preparing point and linework data for surface modeling
- Using Shrink Wrap Entities and Non-Surface point flags
- Building TIN surfaces and contours with Triangulate and Contour
- Creating and editing 3D breaklines
- Field-to-Finish automation for surface creation
- Importing and merging external elevation data (NASA & Google)
- Visualization tools (3D Viewer, Flyover, Image Draping)

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*This session was presented by Jennifer DiBona on 02/09/2022.*

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# **Overview of Carlson Point Cloud**

## **Recorded on 4/28/2022**

This webinar provides an in-depth overview of Carlson Point Cloud, demonstrating how to import, clean, and process point cloud data for surveying and CAD in

tegration. Presenter Doug Oberg walks through workflows using drone imagery, Photo Capture, and Carlson's Point Cloud Basic and Advanced modules.

**Key Topics:**

- Importing and managing point clouds in Carlson
- Cleaning and processing data (Bare Earth extraction, noise removal)
- Creating surfaces, points, and CAD drawings from point clouds
- Using Photo Capture and GeoTIFF imagery
- Advanced tools for parking lot and color edge extraction

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*This session was presented by Doug Aaberg on 04/28/2022.*