

# Deeds of Lots and Lots of Lots in Carlson Software Recorded 6/11/2024

This webinar demonstrates how to create, edit, and manage property deeds and lot layouts using Carlson Survey and Carlson Civil.

It covers deed entry, correlation with field data, legal description generation, and automated lot design through the Lot Network module.

## Key Topics:

- Entering and processing deed descriptions
- Deed correlation with surveyed points
- Creating and labeling lot files
- Using Lot Network for automated subdivision 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 06/11/2024*

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# Creating Slope Maps for

# Residential Developments Recorded 9/12/2024

This webinar, hosted by That CAD Girl and presented by Travis Maxwell, demonstrates how to create slope maps for residential development using Carlson Software. The session covers both TIN and grid-based methods, data preparation, and troubleshooting large terrain datasets for planning and subdivision design.

## Key Topics:

- Creating slope maps in Carlson Software
- Comparing TIN vs. grid methods
- Managing large terrain datasets and point clouds
- Using Google Earth and DEM data imports
- Applying slope analysis and color zoning

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*This session was presented by Travis Maxwell on 09/12/2024.*

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**Carlson Field to Finish –**

# Perfecting Coding & Creating Linework

## Recorded 9/10/2024

This advanced Carlson Field to Finish webinar, hosted by That CAD Girl, guides users through coding best practices, FLD file creation, and efficient linework generation in Carlson Survey. Jennifer DiBona demonstrates how to streamline field-to-office workflows, manage field codes, and apply special codes for automated drafting.

### Key Topics:

- Building and refining Carlson FLD (Field Code) files
- Managing field codes, layers, and symbols
- Using special codes for linework automation (e.g., PC/PT, CLO, RECT, JPN)
- Handling multiple codes, offsets, and curve geometry
- Workflow tips for consistency between field and office

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*This session was presented by Jennifer DiBona on 09/10/2024.*

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# Basics of Surface Modeling in Carlson Software

## Recorded 2/7/2024

This webinar introduces the fundamentals of surface modeling in Carlson Software, covering how to prepare data, build and refine surfaces, and troubleshoot common issues. Participants learn practical workflows for triangulation, contour generation, breaklines, and integrating external elevation data.

### Key Topics:

- Preparing data and checking elevations before surface creation
- Triangulate & Contour workflow and shrink-wrap boundaries
- Using breaklines, non-surface points, and field-to-finish automation
- Importing and merging Google Earth and NASA elevation surfaces
- Contour labeling, line-type generation, and quality-control techniques

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

This session was presented by Jennifer DiBona on 02/07/2024.

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# Basics of Road Design in Carlson Software

## Recorded 3/15/2024

This webinar, hosted by That CAD Girl and presented by Travis Maxwell, provides a step-by-step introduction to road design using Carlson Software. It covers essential workflows including drawing setup, creating centerlines, profiles, templates, intersections, and cul-de-sacs for civil design projects.

### Key Topics:

- Carlson drawing setup and coordinate systems
- Creating and managing road centerlines and profiles
- Building and editing templates for pavement, curbs, and grading
- Handling intersections and cul-de-sacs
- Using Google surfaces for preliminary design

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

*This session was presented by Travis Maxwell on 03/15/2024.*

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# Tips & Tricks in Carlson Software

## Recorded 2/11/2025

This Carlson Software Tips & Tricks webinar, led by Travis Maxwell and hosted by That CAD Girl, demonstrated practical CAD file cleanup, drawing management, and grading workflows within Carlson Civil and Survey. The session also showcased how AI tools can accelerate deed entry and coordinate generation for survey projects.

### Key Topics:

- Cleaning and standardizing CAD drawings
- Managing layers, text styles, and blocks
- Handling corrupt or messy manufacturer details
- Grading and retaining wall design techniques
- Using AI (ChatGPT) for deed parsing and coordinate creation

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

*This session was presented by Travis Maxwell on 02/11/2025.*

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# Tips & Tricks in Carlson Software

## Recorded 1/29/2025

This webinar, led by Travis Maxwell, PE, explores new features and practical workflows in Carlson Software 2025 and IntelliCAD 12.1. Topics include dynamic blocks, improved publishing tools, RoadNet enhancements, and best practices for managing fonts, scales, and line types.

### Key Topics:

- IntelliCAD 12.1 new features and interface improvements
- Carlson Civil 2025 updates (RoadNet, curb ramps, grading objects)
- Dynamic blocks and layout management
- Font compatibility and text scaling best practices
- Publishing and plotting enhancements

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*This session was presented by Travis Maxwell on 01/29/2025.*

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# Taking a Survey Project from Field to Plotted Sheet

## Recorded 2/25/2025

This webinar demonstrates how to take a survey project from raw field data through point import, deed correlation, surface modeling, and final sheet plotting using Carlson Software 2025. Jennifer DiBona provides a full workflow overview, best practices, and live demonstrations of core Carlson commands and configuration options.

### Key Topics:

- Importing and managing survey points in Carlson
- Creating and correlating deed boundaries
- Building surfaces and using Field-to-Finish
- Generating legal descriptions, legends, and plotted sheets

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*This session was presented by Jennifer DiBona on 02/25/2025.*

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**MicroSurvey**

**Surfacing**

# Operations with MSCAD

## Recorded 5/22/2025

This webinar, hosted by That CAD Girl and presented by MicroSurvey's Matt McLean, provides a detailed walkthrough of surfacing and contouring operations in MicroSurvey CAD. Attendees learned how to create, configure, and visualize surfaces, contours, and terrain models using real-world data.

### Key Topics:

- Introduction to MicroSurvey CAD and product ecosystem
- Creating and managing surfaces and contours
- Configuration settings for modeling and visualization
- Handling boundaries, breaklines, and point data
- Labeling and smoothing contours

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*This session was presented by Matt McLean on 05/22/2025.*

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# Fast Track to Carlson Civil Suite & CADnet – Session #2-3

## Recorded March 14, 2024

This training session provides an in-depth walkthrough of Carlson Civil Suite's RoadNet, Hydrology, and CADnet modules, demonstrating practical workflows for road de

sign, storm sewer layout, and converting PDF plans into CAD data . The instructor showcases real-world examples, emphasizing dynamic design updates, data management, and interoperability with Civil 3D and LandXML standards.

**Key Topics:**

- RoadNet dynamic road design and intersection management
- Storm sewer network setup and hydrology drafting
- Exporting and archiving projects with LandXML
- CADnet tools for PDF-to-CAD conversion and digitizing
- Raster vs. vector PDF handling and troubleshooting

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

*This session was presented by Jennifer DiBona on 03/14/2024.*