

Fast Track to Carlson Takeoff, Session #1-1 Recorded 1/23/2024

This introductory FastTrack Carlson Takeoff training session explains the structure of the six-part course, the GoToWebinar controls, and the differences among Carlson Takeoff Suite, Construction, Civil, CAD Net, Trench, and GeoTech. Participants learn how to prepare clean working drawings, organize layers, and build surfaces for quantity takeoffs and earthwork modeling.

Key Topics:

- Overview of Carlson Takeoff Suite modules and platform options
- GoToWebinar controls and class format
- File and layer organization for takeoff projects
- Using IntelliCAD vs. embedded AutoCAD versions
- Creating and cleaning working drawings for quantity takeoffs
- Defining layers, materials, and subgrades for surfaces

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

This session was presented by Jennifer DiBona on 1/23/2024.

Designing in Steep Terrain with Carlson Civil

A Virtual Webinar Using Carlson Software – Learn to Design Steep Terrain Roads

This webinar, *Designing in Steep Terrain with Carlson Civil*, presented by Travis Maxwell, explores practical techniques for designing roads and grading projects on steep slopes using Carlson Civil's RoadNET tools. It covers terrain modeling, template setup, drainage considerations, and workflow optimizations for mountainous or hilly environments.

Key Topics:

- Road design strategies for steep terrain
- Carlson Civil RoadNET templates and transitions
- Surface modeling and grid optimization
- Drainage and erosion control on steep slopes
- Practical grading and construction considerations

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

This session was presented by Travis Maxwell on 01/29/2024.

Deeds of Lots and Lots of Lots in Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Manage Property Deeds

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

Creating Slope Maps for Residential Developments

A Virtual Webinar Using Carlson Software – Learn to Create Slope Maps

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

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

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

Carlson Field to Finish – Perfecting Coding & Creating Linework

A Virtual Webinar Using Carlson Software – Learn to Create Automated Linework

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

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

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

Basics of Surface Modeling in Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Build Surface Models

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.

Basics of Road Design in Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Design Roads

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

ve been AI-generated and may contain errors.

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

Tips & Tricks in Carlson Software

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

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.

Tips & Tricks in Carlson Software

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

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

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

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

Taking a Survey Project from Field to Plotted Sheet

A Virtual Webinar Using Carlson Software – Learn to Complete Survey Workflow Projects

This webinar demonstrates how to take a survey project workflow 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

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

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