

Fast Track to Carlson Civil Suite & CADnet – Session #1-1

Recorded March 12, 2024

This introductory Fast Track training session guides users through the fundamentals of Carlson Civil Suite 2024 and CADnet, including software setup, configuration, interface navigation, and GIS data handling. Participants learn best practices for managing projects, defaults, and data files while exploring key differences between Carlson versions 2023 and 2024.

Key Topics:

- Carlson Civil Suite overview and module structure
- Interface setup, menus, ribbons, and configuration defaults
- Project folder organization and data management
- GIS import workflows and known 2024 issues
- File associations, linking, and coordinate system setup

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

This session was presented by Jennifer DiBona on 03/12/2024.

Construction Workflows Drawing Cleanup and Point Population Tools

Recorded 6/19/2025

This webinar, hosted by That CAD Girl and presented by MicroSurvey Software's James Johnston, explored efficient construction workflows using MicroSurvey CAD tools. The session demonstrated drawing cleanup, point population, and export techniques to streamline field layout and stakeout processes.

Key Topics:

- Drawing cleanup and rescale wizards
- Point population and management tools
- Exporting CAD and point data for field stakeout

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This session was presented by James Johnston on 06/19/2025.

Making Models from a Mess – Using Carlson Cleanup and Elevate Tools Recorded 1/28/2025

This webinar teaches Carlson Civil users how to transform messy, imported CAD drawings into clean, usable models for staking and surface creation. It covers practical workflows using Carlson's Drawing Cleanup and Elevate Tools to fix geometry, layers, and elevations for accurate 3D modeling.

Key Topics:

- Cleaning and organizing messy DWG files
- Using Carlson Drawing Cleanup effectively
- Elevating 2D polylines to 3D for surface models
- Managing layers, blocks, and spot elevations
- Avoiding common pitfalls and data corruption

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This session was presented by Jennifer DiBona on 01/28/2025.

Fast Track to Carlson Survey – Session #2-3 Recorded 5/16/2024

This final Fast Track to Carlson Survey session provided a detailed, hands-on walkthrough of Carlson Survey's Lot Network, Surface Modeling, and Profile tools. Participants learned how to subdivide land, build and refine surfaces, manage breaklines, and create road and utility profiles using Carlson's survey and civil features.

Key Topics:

- Carlson Lot Network setup and editing
- Surface creation, validation, and breakline management
- Field-to-Finish workflows and shrink-wrap entities
- Contour generation, labeling, and line-type settings
- Importing and merging Google Earth surfaces
- Profile creation for roads, sewers, and pipe crossings

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This session was presented by Jennifer DiBona on 05/16/2024.

Fast Track to Carlson Survey – Session #2-2 Recorded 5/16/2024

This training session from *That CAD Girl's Fast Track to Carlson Survey* series demonstrates advanced Carlson Survey workflows for entering deed descriptions, processing deed files, correlating field and deed data, and automating legal descriptions and lot labeling. The instructor provides live demonstrations of commands, error correction, and annotation customization to improve survey drafting efficiency.

Key Topics:

- Enter Deed Description and Process Deed File commands
- Deed Correlation and alignment of survey vs. deed points
- Legal Description Writer configuration and customization
- Lot File Manager and Lot Network setup for subdivisions
- Labeling and annotation defaults for areas and bearings
- Text masking, Mtext usage, and draw order management

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This session was presented by Jennifer DiBona on 05/16/2025.

Fast Track to Carlson Survey- Session #2-1

Recorded 05/16/2024

This training session continued the *Fast Track to Carlson Survey* series, focusing on the Field to Finish process within Carlson Survey. Participants learned how to define field codes, manage layers, automate symbol and linework generation, and apply special codes for efficient drafting and surface modeling.

Key Topics:

- Field to Finish setup and FLD/FCL file management
- Layer and symbol configuration for points and linework
- Special codes for descriptions, sizes, and linework (PC/PT, BEG/END)
- Handling default and unrecognized field codes
- Creating legends and automating plan presentation

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This session was presented by Jennifer DiBona on 05/16/2025.

Fast Track to Carlson Survey – Session #1-3

Recorded 5/14/2024

This Fast Track Carlson Survey training session focused on managing points, annotation settings, and the Field-to-Finish workflow in Carlson Survey. Participants learned how to configure drawing settings, edit coordinate files, and automate linework creation using field codes.

Key Topics:

- Managing and syncing Carlson points and CRD files
- Annotation defaults and text scaling in drawings
- Using `Field-to-Finish` for automated linework and symbol placement

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This session was presented by Jennifer DiBona on 05/14/2024.

Fast Track to Carlson Survey – Session #1-2

Recorded 5/14/24

This session from the *Fast Track to Carlson Survey* series provides a detailed walkthrough of configuring Carlson Survey defaults

, managing drawings, setting up templates, and handling point data. Participants learn how to optimize their user interface, organize project folders, and prepare templates for efficient field-to-finish workflows.

Key Topics:

- Carlson Configure and Default Settings
- Project and Data Folder Management
- Drawing Templates and Layer Standards
- Point Import, Display, and Annotation
- Field-to-Finish Preparation

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This session was presented by Jennifer DiBona on 05/14/2024.

Elevating Polylines and Surface Modeling with Carlson Construction and Takeoff

Recorded 3/18/2025

This webinar demonstrates how to elevate 2D polylines into 3D polylines and perform surface modeling using Carlson Construction and Takeoff. Jennifer DiBona walks through practical workflows for cleaning drawings, assigning elevations, building surfaces, and calculating volumes for construction and land development pro

jects.

Key Topics:

- Elevating 2D polylines to 3D for surface modeling
- Using Carlson Civil, Construction, and Takeoff tools
- Drawing cleanup and contour elevation assignment
- Building and analyzing surfaces with SiteNet
- Calculating volumes, materials, and topsoil replacement

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This session was presented by Jennifer DiBona on 03/18/2025.

Fast Track to Carlson Survey – Session #1-1 Recorded 5/14/24

Data workflow, RW5 file handling, and compass-rule and least-squares adjustments for field-to-finish survey data.

Key Topics:

- Using *Edit Process Raw Data* and RW5 file structure
- Import/export of raw data from various instruments
- Compass-rule and least-squares (SNET) adjustments
- Managing control points, side shots, and checkpoints
- Integrating GPS and total-station data

- File management and Carlson Cloud Link for field coordination

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This session was presented by Doug Aaberg on 05/14/2024.