

Introduction to Carlson Software – Settings, Setup, Configuration & Points

A Virtual Webinar Using Carlson Software – Learn to Configure Settings and Points

This introductory Carlson Software webinar provides a comprehensive walkthrough of configuring settings, managing data folders, creating templates, and working with points in Carlson 2024. Participants learn how to customize their CAD environment, optimize project organization, and apply consistent standards across drawings.

Key Topics:

- Carlson Software interface and configuration setup
- Managing data folders, templates, and default settings
- Importing and editing points in Carlson CAD environment

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

This session was presented by Jennifer DiBona on 04/02/2024.

That CAD Girl

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Intro to Carlson Software: Settings, Setup, Configuration and Points

A Virtual Webinar Using Carlson Software – Learn to Configure Settings and Points

This introductory Carlson Software webinar, hosted by That CAD Girl, walks new users through setting up and configuring Carlson 2024 on IntelliCAD 11.1. The session covers interface customization, project folder organization, default settings, templates, and importing survey points for practical CAD use.

Key Topics:

- Carlson 2024 installation and IntelliCAD 11.1 platform overview

- User interface setup: ribbons, menus, and toolbars
- Project and data folder configuration (drawing vs. project folder)
- Carlson Configure defaults and settings management
- Template drawings (DWT) and layer standards
- Importing and displaying survey points (CRD files)
- Managing builds, updates, and tech support

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This session was presented by Jennifer DiBona on 01/05/2024.

Fast Track to Carlson Takeoff – Session #2-3 Recorded 01/25/2024

This recorded training session covers advanced techniques in Carlson Takeoff, focusing on digitizing, scaling, and building accurate 3D surfaces from 2D plans. The instructor demonstrates practical workflows for importing PDFs, setting control points, creating layers, and elevating linework for construction takeoff and modeling.

Key Topics:

- PDF import and scaling setup
- Layer management and control points

- Digitizing contours, curbs, and building pads
- Elevating 2D polylines to 3D
- Modeling surfaces and managing breaklines

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

Fast Track to Carlson Takeoff – Session #2-2 Recorded 01/25/2024

This training session provides an in-depth walkthrough of Carlson Takeoff's Trench and CADNet modules, demonstrating how to input trench networks, create templates, calculate quantities, and import or process PDFs for takeoff and modeling. The instructor also covers practical workflows for converting raster and vector data, merging images, and extracting linework from PDFs for construction modeling.

Key Topics:

- Carlson Trench Module setup and workflow
- Creating trench templates and calculating trench quantities
- Understanding raster vs. vector PDFs
- Using CADNet to import, merge, and convert PDFs
- Extracting linework and spot elevations for modeling

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This session was presented by Jennifer DiBona on 1/25/2024.

Fast Track to Carlson Takeoff – Session #2-1 Recorded 1/25/2024

This session is the second day of the FastTrack Carlson Takeoff training series led by That CAD Girl. It covers advanced CAD cleanup, elevation management, geotechnical data entry, and coordinate alignment workflows in Carlson Takeoff.

Key Topics:

- Drawing cleanup and layer management
- Elevation correction and contour preparation
- Handling PDF imports and block cleanup
- Converting spot elevations to Carlson points
- Translating and aligning coordinates
- Introduction to Geotech and Trench modules

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This session was presented by Jennifer DiBona on 1/25/2024.

Fast Track to Carlson Takeoff – Session #1-3 Recorded 1/23/2024

This FastTrack Carlson Takeoff training session focuses on creating, cleaning, and preparing a working drawing for takeoffs and surface modeling using Carlson Software. The instructor demonstrates best practices for managing CAD data, cleaning imported files, handling Civil 3D and LandXML data, and preparing accurate 3D models for construction and machine control.

Key Topics:

- Creating and managing a “working drawing” in Carlson
- Cleaning and importing CAD and Civil 3D data
- Using Drawing Cleanup and Layer Inspector
- Managing Xrefs, layouts, and scaling
- Elevating polylines and preparing 3D models

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

Fast Track to Carlson Takeoff, Session #1-2

Recorded 1/23/2024

This webinar session from *That CAD Girl's Fast Track Carlson Takeoff* series demonstrates advanced takeoff and modeling workflows in Carlson Takeoff Suite and Carlson Civil. It covers material quantity reporting, topsoil removal and replacement, surface inspection, XML export for machine control, and 2D-to-3D polyline elevation techniques.

Key Topics:

- Material quantity and volume reporting in Carlson Takeoff
- Topsoil removal/replacement setup and surface logic
- Surface Inspector and surface file management (EX, FG, SG)
- Exporting surfaces to LandXML, TIN, and Topcon formats
- Cut/fill color maps, quick profiles, and 3D drive simulations
- Elevate / 3D Data tools for converting 2D to 3D polylines

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

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

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

Taking Survey Projects from Field to Office with Emlid and your CAD

A Virtual Webinar Using Emlid and CAD – Learn to Streamline Survey Workflows

This webinar from That CAD Girl and Emlid demonstrates how to streamline survey workflows from field data collection to CAD integration using Emlid's GNSS receivers and software. The session covers Emlid Flow and Flow 360 tools, data synchronization, project setup, and exporting results into CAD environments.

Key Topics:

- Introduction to That CAD Girl and Complete CAD Solutions partnership with Emlid
- Overview of Emlid's latest GNSS receivers (Reach RX2, RS4, RS4 Pro)
- Demonstration of Emlid Flow and Flow 360 software integration with CAD
- Data collection, stakeout, and export workflows
- Q&A on localization, code libraries, and device compatibility

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This session was presented by Julia Shestakova on 11/06/2025.

Survey Tools for BricsCAD

A Virtual Webinar Using MicroSurvey and BricsCAD – Learn to Manage Survey Data

This webinar introduces MicroSurvey's *Survey Tools for BricsCAD*, a plugin designed to enhance BricsCAD with advanced survey data management, linework automation, and surface modeling capabilities. Presenter Matt McLean demonstrates how to import survey data, manage points, create surfaces, and export results to Google Earth.

Key Topics:

- Overview of MicroSurvey's Survey Tools plugin for BricsCAD
- Importing and managing survey data (ASCII, FieldGenius, Leica DBX, etc.)
- Creating linework, surfaces, and visualizations within BricsCAD

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This session was presented by Matt McLean on 07/10/2025.