Advanced Field to Finish – Perfecting Coding & Creating Linework

A Virtual Webinar Using Carlson Software – Learn to Code Survey Points and Create Linework with Field to Finish

This advanced webinar on Carlson Software's Field to Finish feature demonstrates how to perfect field coding, manage FLD and CRD files, automate symbol and linework creation and apply special codes for detailed survey drafting. The session builds upon the January basics webinar, guiding attendees through clean code management, linework automation and integration of attributes like tree sizes, monuments and site geometry.

Key Topics:

- Using and managing Field-to-Finish (FLD) and Coordinate (CRD) files
- Coding best practices for survey points, tree sizes and monuments
- Layer management, description substitution and attribute layouts
- Creating 2D/3D polylines and automated linework
- Applying advanced special codes (Begin/End, PC/PT, offsets, rectangles, closures)
- Spreadsheet editing of FLD tables for mass updates

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

This session was presented by Jennifer DiBona on 02/13/2018.

The Very Basics of Carlson Field to Finish

A Virtual Webinar Using Carlson Software – Learn to Set Up Field to Finish Codes

This webinar introduces new Carlson Survey and CAD users to the fundamentals of the Field-to-Finish (F2F) workflow. It explains how FLD files, point descriptions, layers and symbols interact to automate drafting from field codes to finished drawings.

Key Topics:

- Creating and managing FLD (Field-to-Finish) files
- Coding and description rules for CRD point files
- Layer management and symbol assignments (generic vs. specific symbols)
- PDMODE and DDPTYPE (point display) controls
- Special codes and advanced description handling
- Integrating point styles across Survey and Civil modules

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This session was presented by Jennifer DiBona on 01/25/2018.

Features of Carlson Survey & Civil – Setting Points and Stakeout

A Virtual Webinar Using Carlson Software – Learn to Create Points and Stake Out from Centerlines and Profiles

This Carlson Software webinar presents practical point-setting and stakeout techniques in Carlson Survey and Carlson Civil for survey, civil, construction and takeoff users. It demonstrates FLD-based point styling, entity conversion, building offsets, interpolation, centerline and profile staking, linked spot elevations and slope-driven grading workflows.

Key Topics:

- Field-to-Finish point styling
- Create Points from Entities
- Building offsets and point interpolation
- Centerline and profile-based stakeout
- Surface-linked spot elevations and slope points

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This session was presented by Jennifer DiBona on 06/14/2018.

Survey Project From Start to Finish

A Virtual Webinar Using Carlson Software – Complete a Survey Project from Field to Plotted Sheet

This webinar from *That CAD Girl* guides surveyors through a full Carlson Survey workflow—from importing field data to producing a plotted sheet. It demonstrates how to configure settings, import and process points, draw boundaries from deeds, build surfaces and prepare final deliverables.

Key Topics:

- Carlson Survey Configuration and Default Setup
- Point Import and Field-to-Finish Processing
- Entering and Editing Deed Descriptions (PDD Files)
- Deed Correlation, Alignment and Translation to Survey Data
- Surface Modeling, Shrink-Wrap Entities and Triangulation
- Annotating, Labeling and Producing Final Map Sheets

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This session was presented by Jennifer DiBona on 01/15/2018.

Overview of Carlson CADnet – Working with Images & Converting to Linework

A Virtual Webinar Using Carlson Software – Learn to Convert Images into Linework

This recorded training session provides a comprehensive overview of Carlson CADnet software, demonstrating how to import, scale, merge and digitize raster and vector drawings. It covers essential workflows for converting PDFs to usable CAD data, performing quantity takeoffs and working with BIM and image files for surveying and construction applications .

Key Topics:

- Importing and converting PDFs to raster and vector images
- Heads-up digitizing and scaling scanned plans
- Merging multiple images or plan sheets
- Understanding raster vs. vector file formats
- Using CADnet tools for contour, surface and text creation
- Managing layers and line weights for visibility

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

This session was presented by Jennifer DiBona on 01/10/2018.

Surface Modeling with the SiteNet & Takeoff Menus in Civil, Construction & Takeoff

A Virtual Webinar Using Carlson Software – Learn to Build Surfaces and Calculate Quantities with SiteNet and Takeoff

This webinar provides a detailed walkthrough of using Carlson Civil's SiteNet and Takeoff menus for surface modeling, material quantities and construction takeoff workflows. It demonstrates how to clean up project layers, build existing and design surfaces and generate material and topsoil quantity reports efficiently .

Key Topics:

- Carlson Civil SiteNet and Takeoff workflows
- Layer organization for existing, design and other data
- Building surfaces and calculating material quantities
- Topsoil removal and replacement setup
- Reporting quantities, subgrade and volumes

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have been AI-generated and may contain errors.

This session was presented by Jennifer DiBona on 05/23/2018.

Features of Carlson Survey, Civil, Construction and Takeoff – Surfaces, Grading & Volumes

A Virtual Webinar Using Carlson Software – Learn to Grade Building Pads and Calculate Earthwork Volumes

This Carlson Software webinar demonstrates practical surface, grading and volume tools available across Carlson Survey, Civil, Construction and Takeoff. Attendees learn to convert 2D geometry into 3D break lines, grade and daylight building pads, calculate and visualize earthwork and model special conditions such as daylight basements and retaining walls.

Key Topics:

- 2D-to-3D polyline conversion and break lines
- Building-pad elevation and daylighting
- Design Pad Template and surface creation
- Earthwork volumes, labels and color maps
- Daylight basements and retaining-wall grading

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This session was presented by Jennifer DiBona on 04/25/2018.

Centerlines, Profiles & Overview of RoadNet

A Virtual Webinar Using Carlson Software – Learn Centerline, Profile and RoadNet Design Workflows

This Carlson Software webinar explains how to create linked centerlines, generate and edit profile files and move from individual alignments into a coordinated RoadNet design. It demonstrates stationing, profile types, reusable display settings, road templates, intersections, cul-de-sacs, quantity reporting and surface output for practical civil design workflows.

Key Topics:

- Linked centerline and stationing workflows
- Profile creation, editing and labeling
- Reusable PFS profile settings
- RoadNet templates and network design
- Surface, quantity and stakeout outputs

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

This session was presented by Jennifer DiBona on 03/22/2018.

Overview of CAD (AutoCAD & IntelliCAD) for Carlson Users

A Virtual Webinar Using CAD – Learn IntelliCAD and AutoCAD Fundamentals for Carlson Users

This webinar introduces Carlson Software users to CAD fundamentals within AutoCAD and IntelliCAD, providing practical instruction on toolbars, layers, drafting settings and command usage. It teaches how Carlson runs on top of a CAD platform, the differences between each environment and best practices for efficient drawing management.

Although Carlson Software with IntelliCAD was used in this session and a few Carlson-specific commands are shown, the workflows are by and large the same for all AutoCAD or IntelliCAD based programs, and other programs will likely have their own version of those Carlson commands.

Key Topics:

- Relationship between Carlson Software and its CAD platform (AutoCAD / IntelliCAD)

- Using commands, ribbons, toolbars and menus
- Drafting settings, coordinate entry and function keys
- Aliases, quick keys and command customization
- Working with polylines, objects, text and object snaps
- Managing layers and CAD object organization

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

This session was presented by Jennifer DiBona on 03/01/2018.

Surfaces & Breaklines – The Basics

A Virtual Webinar Using Carlson Software – Learn to Build Surfaces with Breaklines

This webinar introduces participants to fundamental surface modeling concepts in Carlson Software, focusing on break lines, triangulated irregular networks (TINs) and contour generation. It walks through data preparation, surface creation from points and contours, the importance of 3D polylines and practical workflows for merging, inspecting and exporting surfaces.

Key Topics:

- Building surfaces from points and break lines
- Triangulate & Contour command settings

- Field to Finish automation for 2D/3D polylines
- Importing & merging TIN files and NED data
- Understanding why contours alone are insufficient
- Exporting surfaces (LandXML/Handoff to Civil 3D)

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This session was presented by Jennifer DiBona on 02/27/2018.