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

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

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

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

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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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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.

GIS Data Collection for Surveyors

A Virtual Webinar Using Carlson SurvCE and SurvPC – Learn to Collect GIS Attributes with Feature Codes

This Carlson Software webinar features Jeremy Taylor demonstrating GIS data collection with SurvCE, SurvPC and Carlson Survey to capture richer field information without requiring a full GIS platform. Attendees learn to configure feature-code attributes, require or select values, attach photos, transfer CRDB and VTT data, review attributes in the office and automate Field-to-Finish labels and calculations.

Key Topics:

- CRDB jobs and GIS-enabled feature codes
- Attribute prompts, lists, required values and photos
- SurvCE and SurvPC field collection workflows
- Point GIS Editor transfer into Carlson Survey
- Field-to-Finish attribute labeling and calculations

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This session was presented by Jeremy Taylor on 04/26/2018.

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

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

Traverse Adjustment with Carlson Survey

A Virtual Webinar Using Carlson Survey – Learn Traverse Adjustment Workflows

This webinar with licensed surveyor Jeremy Taylor walks through adjustable traverse processing workflows in Carlson Survey – including raw data editing, closure computations, compass and angle-balance adjustments and practical field-to-office data management. The session helps land surveyors understand how to analyze and adjust traverses, improve closure precision and export reliable coordinate files for boundary and control surveys.

Key Topics:

- Raw data (RW5) import, display customization and editing
- Compass-rule and transit adjustments for traverse closure
- Angle-balance workflows and closure precision reporting
- Reducing direction/reverse sets and managing side shots
- Integrating processed data into CAD drawings

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

This session was presented by Jeremy Taylor PLS on 03/08/2018.

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

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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)

Descriptions, transcripts and other details of this recording

have been AI-generated and may contain errors.

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

Basics of Annotation in Carlson Software

A Virtual Webinar Using Carlson Software – Learn Annotation Scaling and Survey Labeling

This Annotation in Carlson Software webinar explains how plotted text sizes, drawing scale and text styles control consistent labeling across survey and civil drawings. The training demonstrates Auto Annotate, line tables, area labels, point text, Survey Text, rotation tools, contour labels, stationing and profile annotation for practical production workflows.

Key Topics:

- Carlson annotation scale, text height and scaler settings
- Text styles, fonts and drawing-template preparation
- Auto Annotate, bearing-distance labels and line tables
- Area, point, parcel, building and offset annotation
- Contour, centerline station and profile labeling

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ve been AI-generated and may contain errors.

This session was presented by Jennifer DiBona on 02/21/2018.