Fast Track to Carlson Survey: Session #1-2

A Virtual Classroom Using Carlson Survey – Configure Defaults and Drawing Templates

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

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

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

Elevating Polylines and Surface Modeling with Carlson Construction and Takeoff

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

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 projects.

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

A Virtual Classroom Using Carlson Survey – Learn to Process Raw Survey Data

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.

Civil 3D Surface from Points

This webinar, hosted by That CAD Girl and presented by Liz Valerio of CAD Masters, demonstrates how to create a Civil 3D surface from imported survey points. The session covers importing point data, organizing point groups, adding breaklines and boundaries and smoothing contours.

Basics of Surface Modeling in Carlson Software

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

This webinar provides a detailed walkthrough of surface modeling fundamentals in Carlson Software, covering data inspection, triangulation, contour generation and integration with external data sources. Attendees learn practical workflows for building accurate surfaces using points, breaklines and field-to-finish automation.

Key Topics:

- Preparing and inspecting data for surface modeling

- Creating and refining TIN surfaces and contours
- Using breaklines and non-surface points
- Automating workflows with Field-to-Finish
- Integrating Google Earth and GIS imagery

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This session was presented by Jennifer DiBona on 07/03/2025.

Survey Project from Start to Finish

A Virtual Webinar Using Carlson Survey – Learn to Run a Survey Project from Start to Finish

This webinar walks through the complete process of managing a survey project using Carlson Survey 2023 within IntelliCAD. It covers data setup, importing field points, deed entry, correlation, Field to Finish and preparing final survey deliverables.

Key Topics:

- Carlson Survey configuration and project setup
- Importing and managing point data (CRD files, point

groups)
- Deed entry, correlation and boundary adjustment
- Field-to-Finish automation for drawing and labeling
- Exporting to Google Earth and creating final deliverables

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This session was presented by Jennifer DiBona on 01/19/2023.