Introduction to Carlson Software – Annotation, Surfaces, Centerlines and Profiles

A Virtual Webinar Using Carlson Software – Learn Annotation Surfaces Centerlines Profiles

This webinar introduces new and prospective users to Carlson 2015 with IntelliCAD, covering the basics of annotation, surface modeling, centerlines and profile creation. It emphasizes practical setup and configuration tips for efficient drafting and data management in Carlson Software.

Key Topics:

- Annotation fundamentals and text scaling
- Surface creation and editing from points, breaklines and contours
- Using the 3D viewer, shrink-wrap boundaries and TIN management
- Centerline setup, stationing and labeling techniques
- Profile creation from TIN files and proper drawing configuration

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 09/16/2014.

Introduction to Carlson Takeoff (Construction & CADnet)

A Virtual Webinar Using Carlson Takeoff – Learn Carlson Takeoff PDF Digitizing

This webinar provides an in-depth introduction to Carlson Takeoff, focusing on the Construction and CADNet modules. It covers setup, project layering, model building, surface creation, digitizing techniques and the workflow for volume calculations and machine control exports.

Key Topics:

- Carlson Takeoff configuration and module overview
- Setting up layers and target files for takeoff analysis
- Drawing cleanup, surface generation and cut/fill volumes
- Topsoil removal/replacement, subgrade and quantity reporting
- PDF import and digitizing workflows using CADNet

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 06/26/2014.

Introduction to Carlson Civil & Hydrology

A Virtual Webinar Using Carlson Civil and Hydrology – Learn Surface, Grading and Volume Workflows

This webinar presented a detailed introduction to Carlson Civil and Hydrology software, led by That CAD Girl, Jennifer DiBona. The session guided participants through drawing setup, layer management, annotation tools, surface modeling, road design and storm sewer basics inside Carlson's CAD environment.

Key Topics:

- Drawing templates, configuration and default settings
- Layer libraries and National CAD Standards
- Auto Annotate and labeling techniques
- Surface creation and contouring
- Road Network design workflow (profiles, templates, quantities)
- Storm Sewer setup and hydrology design features

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

This session was presented by Jennifer DiBona on 05/15/2014.

Overview of Surfaces in Carlson Software

A Virtual Webinar Using Carlson Software – Learn Carlson Surfaces and Contour Modeling

This webinar provides a detailed walkthrough of surface modeling techniques in Carlson Software, focusing on creating, editing and managing TIN surfaces using the Triangulate and Contour tools. Participants learn practical workflows for quality checking surfaces, handling errors, applying boundaries, balancing cut/fill and generating finished grading and volumetric reports.

Key Topics:

- Creating and editing TIN surfaces in Carlson
- Troubleshooting and refining surface data
- Using Shrink-Wrap, Non-Surface tags and Triangulate & Contour settings
- Generating contours, daylight lines and pad designs
- Volume calculations and merging surfaces

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 02/11/2014.

Survey Project From Start to Finish

A Virtual Webinar Using Carlson Survey – Learn a Field to Plotted Sheet Workflow

This training webinar provides a complete walkthrough of creating a Carlson Survey project from field data collection to a final plotted sheet. Participants learn point import methods, deed entry and correction, field-to-finish linework, legal description generation, surface modeling, GIS imagery integration and final sheet layout.

Key Topics:

- Importing and managing survey points (control and topo)
- Creating and editing deed boundaries and correlation
- Using Field-to-Finish to automate drafting
- Building surfaces and shrink-wrap boundaries
- Integrating GIS images and published control points
- Annotating and plotting the completed sheet

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This session was presented by Jennifer DiBona on 09/19/2017.

Surfaces and Breaklines – the Basics

A Virtual Webinar Using Carlson Software – Learn to Build Surfaces with Breaklines and Merge NED Data

This webinar explains how to build accurate surface models in Carlson Survey and Civil by using point and breakline data effectively. It covers the workflow from basic TIN creation to merging surfaces and understanding why building from contours alone creates errors.

Key Topics:

- Building surfaces from points and breaklines
- Defining and using 3D polylines in Carlson
- Field to Finish automation for breaklines
- Merging survey data with public datasets (NED)
- Quality control and common surface modelling errors

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This session was presented by Jennifer DiBona on 09/12/2017.

Surfaces and Breaklines – the Basics

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

This webinar teaches the fundamentals of creating and refining surface models in Carlson Software, focusing on triangulation, contours, breaklines and data management practices. It demonstrates both manual and automated (Field-to-Finish) workflows for building accurate digital terrain models and combining multiple surfaces.

Key Topics:

- Carlson surface modeling and triangulation setup
- Importance and creation of breaklines
- Field-to-Finish automation
- Contouring accuracy and source data challenges
- Merging and inspecting TIN files and surfaces

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This session was presented by Jennifer DiBona on 06/13/2017.

SiteNet & Takeoff Menus in Civil, Construction and Takeoff

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

This webinar provides an in-depth walkthrough of using the SiteNet and Takeoff menus in Carlson Civil and Construction software to create, manage and analyze site models and quantities. The session covers layer organization, defining materials, setting surface parameters and running earthwork and quantity takeoffs efficiently.

Key Topics:

- Defining and managing layers for existing and design surfaces
- Using SiteNet/Takeoff commands for model building and material quantification
- Creating and applying subgrade and topsoil logic in surfaces
- Generating visual checks, reports and volume calculations

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This session was presented by Jennifer DiBona on 12/20/2017.

Overview of Carlson Takeoff

A Virtual Webinar Using Carlson Takeoff – Learn to Calculate Cut, Fill and Subgrade Quantities

This webinar provides a detailed walkthrough of Carlson Takeoff, covering its core functions in cut/fill estimation, subgrade modeling, trench calculations, geotechnical data integration and handling of CAD/PDF drawings. Todd Carlson demonstrates real-world workflows for contractors and estimators, from data preparation to volume reports and 3D visualization.

Key Topics:

- Introduction to Carlson Takeoff Suite and modules
- Setting up boundaries, layers and surfaces
- Cut/fill and subgrade calculations
- Integrating borehole and strata data
- Working with CAD and PDF plans
- Trench design, cost and quantity reporting

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

This session was presented by Todd Carlson on 10/02/2017.

Centerlines, Profiles & Overview of RoadNet

A Virtual Webinar Using Carlson Software – Learn to Create Centerlines and Profiles and Design Roads with RoadNet

This webinar provides a complete tutorial on creating and managing centerlines and profiles in Carlson Civil and Survey, followed by a practical overview of the RoadNet module. Participants learn manual methods for building CL and PRF files, linking them to drawings and using RoadNet to automate roadway and subdivision design.

Key Topics:

- Creating and editing Centerline (CL) and Profile (PRO) files
- Managing stationing
- Linking CL files to drawings
- Generating profiles from surfaces
- RoadNet automation for multi-road networks
- Templates, intersections and cul-de-sacs in RoadNet

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This session was presented by Jennifer DiBona on 06/27/2017.