

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

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

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.

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

A Virtual Webinar Using Carlson Software – Learn GIS Data Collection for Survey Workflows

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 by Jeremy Taylor PLS

A Virtual Webinar Using Carlson Software – Learn GIS Data Collection for Survey Workflows

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 Software – Learn IntelliCAD and AutoCAD Fundamentals

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

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

Overview of CAD (AutoCAD & IntelliCAD) for Carlson Users

A Virtual Webinar Using Carlson Software – Learn IntelliCAD and AutoCAD Fundamentals

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.

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 Break lines

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.

Basics of Annotation in Carlson Software – the Basics

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

Introduction to Carlson Software – Settings, Setup, Configuration Points

A Virtual Webinar Using Carlson Software – Learn Settings, Setup, Configuration, and Points

This Introduction to Carlson Software webinar explains how new users verify software builds, configure installation defaults, organize project data, and establish reusable drawing templates.

The training demonstrates CFG backups, folder methods, DWT customization, CRD point import, annotation scaling, text styles, and the hierarchy that controls point display in current and future drawings.

Key Topics:

- Carlson build verification and technical support preparation
- Carlson Configure, object linking, and CFG backups
- Drawing-folder and project-folder organization
- DWT templates, CRD point import, and Draw Locate Points
- Annotation scale, PTXT fonts, symbols, and attribute layouts

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This session was presented by Jennifer DiBona on 11/01/2018.

Introduction to Carlson Software – Settings, Setup, Configuration Points

A Virtual Webinar Using Carlson Software – Learn Settings, Setup, Configuration, and Points

This Introduction to Carlson Software webinar explains how users verify software builds, configure installation defaults,

organize project data, and establish reusable drawing templates. The trainin demonstrates CFG backups, folder methods, DWT customization, CRD point import, annotation scaling, text styles, and the settings hierarchy that controls point display in current and future drawings.

Key Topics:

- Carlson build verification and technical-support preparation
- Carlson Configure, object linking, folder methods, and CFG backups
- DWT templates, Carlson Wizard setup, and CRD point import
- Annotation scale, PTEXT fonts, symbols, and attribute layouts
- Current-drawing settings versus future drawing defaults

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This session was presented by Jennifer DiBona on 12/04/2018.