Surfaces, Grading & Volumes in Carlson Software

A Virtual Webinar Using Carlson Software – Learn Surfaces Grading and Volumes

This recorded webinar provides a step-by-step tutorial on working with surfaces, grading and volume calculations in Carlson Software, focusing on both manual and automated workflows. It demonstrates practical field-to-finish modeling methods using Civil, Survey, Construction and Takeoff modules.

Key Topics:

- Creating and editing surfaces in Carlson Software
- Manual grading workflows
- Automated grading with Design Pad Template
- Volume computations
- Surface merging and daylight lines
- Modeling across Civil, Survey, Construction and Takeoff modules

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 12/14/2016.

Introduction to Carlson Software – Settings, Setup, Configuration & Points

A Virtual Webinar Using Carlson Software – Learn Carlson Software Setup and Points

This introductory Carlson Software webinar, hosted by Jennifer of That CAD Girl, walks new users through configuring their Carlson environment—covering setup, settings, templates and drawing organization. It emphasizes efficient file management, point handling and customization techniques to streamline survey and design workflows.

Key Topics:

- Carlson software configuration and settings
- Project and data folder structures
- Drawing templates and default setups
- Point management and field-to-finish overview
- Text scaling and annotation standards

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This session was presented by Jennifer DiBona on 12/02/2016.

Tips & Tricks in CAD and Carlson Software

A Virtual Webinar Using Carlson Software – Learn CAD and Carlson Tips and Tricks

This webinar by That CAD Girl shares practical drafting tips in IntelliCAD and AutoCAD along with time-saving tools in several Carlson modules. It covers dimension text overrides, Extend by Distance inside the Carlson polyline command, exporting drawings to Google Earth, merging multi-sheet raster plans in CADnet and converting circles and splines to polylines.

Key Topics:

- Intelligent dimensioning and text overrides in CAD
- Using Carlson’s *Extend by Distance* function for shape crea tion
- Exporting CAD data to Google Earth (KML/KMZ workflow)
- Merging multi-sheet raster or PDF plans in CADnet
- Converting and editing entities as polylines in Carlson

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This session was presented by Jennifer DiBona on 11/29/2016.

Site Grading Project with Carlson Software

A Virtual Webinar Using Carlson Civil – Learn Site Grading Workflows

This webinar presents a detailed walkthrough of Carlson Civil's powerful 2D-to-3D data conversion tools, demonstrating how to elevate 2D polylines, design building pads, curbs, parking lots and create surface models. It serves as a training reference for engineers, surveyors and CAD professionals involved in civil design and site grading workflows.

Key Topics:

- Elevating 2D polylines to 3D using points, text and surfaces
- Building pad and parking lot grading with Carlson Civil
- Creating and editing 3D surfaces, contours and TINs
- Workflow optimization, slope control and vertex management

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This session was presented by Jennifer DiBona on 11/09/2016.

Basics of Annotation in Carlson Software

A Virtual Webinar Using Carlson Software – Learn Carlson Annotation Basics

This webinar demonstrates foundational techniques for managing annotation in Carlson Software, focusing on text styles, annotation scaling and customization across AutoCAD and IntelliCAD. Participants learn how to control plotted text sizing, label geometry, manage defaults and optimize Carlson's annotation tools for professional-grade plan production.

Key Topics:

- Text Style Manager and height configuration in Carlson Software
- Drawing setup, scaling logic and annotation defaults
- Auto Annotate and area labeling customization
- Managing point text, combining angle labels and survey text tools

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This session was presented by Jennifer DiBona on 11/08/2016.

Introduction to Carlson Software – Settings, Setup, Configuration & Points

A Virtual Webinar Using Carlson Software – Learn Carlson Software Setup and Points

This introductory webinar, hosted by That CAD Girl, walks participants through fundamental Carlson Software setup and configuration. It covers navigation, default settings, project management methods and practical tips for working efficiently with drawings, points and data structures.

Key Topics:

- Carlson Software configuration and setup
- Drawing and project folder organization
- Point management and annotation scaling
- Template creation and customization
- Practical CAD and CAD tips for beginners

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This session was presented by Jennifer DiBona on 11/02/2016.

Advanced Field to Finish – Tree Surveys and GIS Coding

A Virtual Webinar Using Carlson Survey – Learn Advanced Field-to-Finish Workflows

This Advanced Field to Finish webinar from *That CAD Girl* demonstrates complex Carlson Software workflows for survey automation, focusing on tree survey creation and GIS attribute coding within Field to Finish and SurvCE/SurvPC. The session walks through code configuration, block attribute setup, data collection links and workflow automation between office and field.

Key Topics:

- Tree survey setup and configuration
- GIS coding and attribute mapping
- Carlson Field to Finish (.FLD / .FCL files)
- Symbol and block attribute definitions
- Data collection integration (SurvCE / SurvPC)
- Reporting & tree table generation

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 10/31/2016.

Overview of Material Calcs and Model Building

A Virtual Webinar Using Carlson Takeoff – Learn Material Calculation Workflows

This Carlson Software webinar guides users through performing material calculations and model building using the SiteNet (or Takeoff) menu. The session covers the complete workflow—from data cleanup and layer setup to defining surfaces, subgrades, topsoil calculations and generating detailed quantity reports.

Key Topics:

- Using Carlson Civil's SiteNet / Takeoff for modeling and material takeoff
- Converting spot elevations into points for 3D modeling
- Layer management for existing, design and other data
- Surface creation, subgrade definition and topsoil adjustment
- Quantity reports, cut/fill analysis and LandXML export

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This session was presented by Jennifer DiBona on 10/11/2016.

Making Models from a Mess – Carlson Tools to Elevate 2D Drawings to 3D for staking or surface models

A Virtual Webinar Using Carlson Software – Learn 2D to 3D Model Cleanup

This webinar from That CAD Girl demonstrates Carlson Software workflows for transforming messy 2D CAD drawings into accurate, intelligent 3D site models. It covers drawing cleanup, elevation of linework, handling survey data and organizing project files for modeling, staking and material calculations.

Key Topics:

- Converting 2D drawings into 3D polylines for modeling
- Cleaning and consolidating CAD data from outside sources
- Setting elevations, points and slopes in Carlson Civil and Takeoff
- Managing drawing scale, coordinate systems and Xrefs
- Building accurate working drawings for staking and surface modeling

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This session was presented by Jennifer DiBona on 10/05/2016.

Introduction to Carlson Software – Settings, Setup, Configuration & Points

A Virtual Webinar Using Carlson Software – Learn Carlson Software Setup and Points

This recorded webinar provides a detailed introduction to Carlson Software, covering initial setup, configuration, project folder structures, drawing creation and management of points and annotation. New users learn how to navigate settings, manage files effectively and customize Carlson defaults to fit their drafting and surveying workflows.

Key Topics:

- Getting started with Carlson Software configuration and bu ilds
- Project folder setup and data management
- Drawing setup, templates and annotation scales
- Point creation, display adjustments and text formatting
- Practical tips for survey and engineering drawings

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This session was presented by Jennifer DiBona on 10/03/2016.