Site Grading Project with Carlson Software

A Virtual Webinar Using Carlson Software – Learn Site Grading Project Workflows

This webinar conducted by That CAD Girl offers a detailed walkthrough of a complete site grading project using Carlson Civil 2016. The session demonstrates step-by-step workflows for converting 2D design elements into 3D grading models, managing breaklines, creating surfaces and generating balanced cut/fill volumes.

Key Topics:

- Introduction to Carlson Civil configuration and setup
- Elevating 2D polylines using points, text and slopes
- Creating 3D models for building pads, curbs and parking lots
- Applying design slopes, offsets and daylighting techniques
- Surface modeling, contour editing and volume balancing

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 08/13/2015.

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

A Virtual Webinar Using Carlson Software – Learn to Configure Settings, Templates and Points

This on-demand training webinar introduces new and intermediate users to Carlson Software's core configuration and project setup tools for Carlson 2016. Topics include installation updates, default settings, drawing templates, point management and productivity tips for AutoCAD and IntelliCAD users.

Key Topics:

- Configuration of Carlson Software 2016
- Project and data folder organization
- Drawing templates and default settings
- Point creation, editing and display scaling
- Useful drafting and inquiry tools

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This session was presented by Jennifer DiBona on 08/05/2015.

Grading Tips & Tricks with Carlson Survey, Civil, Takeoff & Construction

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

This webinar, presented by That CAD Girl, offers an in-depth walkthrough of grading workflows and surface modeling in Carlson Survey, Civil, Takeoff and Construction. It demonstrates practical tips for setting up coordinate systems, importing imagery, clipping TINs, designing pads, balancing earthwork and integrating with RoadNet.

Key Topics:

- Grading workflows using Carlson Civil Suite
- Working with surfaces, TIN files and contour generation
- Using Design Pad Template and balancing cut/fill
- Topsoil removal, merging surfaces, slope and volume reports
- Using 2D→3D tools for polylines and elevations
- Introduction to RoadNet for full subdivision design

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This session was presented by Jennifer DiBona on 07/22/2015.

Advanced Road Design with Carlson RoadNet

A Virtual Webinar Using Carlson RoadNet – Learn advanced road design workflows

This recorded webinar presents an in-depth walkthrough of advanced roadway design techniques using *Carlson RoadNet*. Mark Long demonstrates practical strategies for median roadways, super-elevation, intersections, template point centerlines and other elements common to real-world civil engineering projects.

Key Topics:

- Template creation & ID consistency
- Centerlines, profiles and template point centerlines (TPCs)
- Managing widenings, medians and on-street parking
- Configuring RoadNet processing and output options
- Super-elevation setup based on AASHTO standards
- Cross-sections, intersections and curb design workflows

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This session was presented by Mark Long on 07/08/2015.

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

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

This webinar introduces new and prospective users to Carlson Software, guiding them through setup, configuration and key features across survey and civil modules. Jennifer DiBona provides a live demonstration on configuring settings, managing project folders, importing points and optimizing drawing templates for productivity and consistency.

Key Topics:

- Carlson Software setup and configuration
- Project and data folder structures
- Drawing setup, templates and scale management
- Point creation, labeling and editing in Carlson Survey
- Tech support and version/build management

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This session was presented by Jennifer DiBona on 07/01/2015.

Working with Blocks and Creating Custom Title Blocks

A Virtual Webinar Using CAD – Learn Blocks and Custom Title Blocks

Jennifer DiBona's webinar "Working with Blocks and Creating Custom Title Blocks" provides an in-depth look at best practices for managing layers, creating reusable blocks, using attributes and automating title block data in AutoCAD and Carlson Software. The session includes live demonstrations, explanations of block types, attributes and layer management techniques to improve drafting consistency and efficiency.

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:

- Managing layers and block creation in AutoCAD and IntelliCAD
- Creating, inserting and troubleshooting blocks and Xrefs
- Attribute definition and editing methods
- Building dynamic title blocks using attributes
- Extracting attribute data into tabular reports

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ve been AI-generated and may contain errors.

This session was presented by Jennifer DiBona on 06/24/2015.

Overview of Paper Space

A Virtual Webinar Using CAD – Learn Paper Space and Viewports

This webinar provides a comprehensive overview of Paper Space and Model Space usage in Carlson Software running on IntelliCAD. It covers setting up layouts, managing viewports, scaling, locking and layer control for efficient CAD plotting workflows.

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:

- Distinction between Model Space and Paper Space
- Creating and scaling viewports
- Managing layers and freezing in viewports
- Plotting setup, detail scaling and locking viewports
- Handling irregular viewports and layout management

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This session was presented by Jennifer DiBona on 06/17/2015.

Traverse Adjustment with Carlson Survey

A Virtual Webinar Using Carlson Survey – Learn Traverse Adjustment Workflows

This webinar provides a detailed walkthrough of performing traverse adjustments within Carlson Survey software. Jeremy Taylor demonstrates step-by-step methods for editing raw data, performing compass and least-squares adjustments and troubleshooting common field and office issues.

Key Topics:

- Processing and editing raw survey data
- Compass and angle-balance adjustments
- Least-squares adjustment (SurvNet integration)
- Common troubleshooting methods
- Practical CAD and field data management tips

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This session was presented by Jeremy Taylor on 06/10/2015.

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

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

This introductory Carlson Software webinar walks new users through setup, configuration, default settings and point management in Carlson Civil Suite using IntelliCAD. The session emphasizes standardization, managing projects and data folders, using templates and beginning drawing workflows.

Key Topics:

- Project and data folder configuration (drawing vs. project folder)
- Carlson Configure: general settings, drawing setup, saving/loading configuration files
- Using and customizing drawing templates (DWT files)
- Default point management, CRD files and Draw Locate Points
- Scaling, text sizes and attribute layouts for survey points
- Setting up coordinate systems, projections and text styles

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This session was presented by Jennifer DiBona on 06/09/2015.

Overview of Carlson GIS

A Virtual Webinar Using Carlson GIS – Learn Shapefiles Databases and Imagery

This 2015 webinar by Jennifer DiBona provides a detailed walkthrough of Carlson GIS tools, including importing shapefiles, managing MDB databases, building GIS features, querying data and incorporating aerial or Google Earth imagery. The session demonstrates both basic and advanced workflows for surveyors, engineers and GIS professionals interested in integrating geographic data within Carlson's CAD environment.

Key Topics:

- Importing and using shapefiles in Carlson GIS
- Creating and managing MDB (Access) databases and GIS feature files
- Using GIS Inspector, queries and labeling tools
- Integrating aerial maps and Google Earth images
- Capturing parcel and text-based data for custom GIS setups

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This session was presented by Jennifer DiBona on 05/20/2015.