Site Project Grading from Start to Finish

A Virtual Webinar Using Carlson Civil – Learn Site Project Grading

This webinar provides a complete walkthrough of grading a site project using Carlson Civil, from initial setup and data preparation to creating surfaces and calculating volumes. It demonstrates practical workflows for converting 2D linework into 3D models, managing elevation data and producing accurate grading surfaces for construction and design.

Key Topics:

- Initial setup and data preparation
- 2D to 3D polyline conversion methods
- Managing elevation data
- Building pad and curb grading techniques
- Surface modeling
- Volume calculations

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 10/18/2023.

Process and Adjustments in the Edit-Process Raw Data Editor

A Virtual Webinar Using Carlson Survey – Learn Raw Data Adjustments

This webinar, presented by Doug Aaberg from Carlson Software, provides an in-depth walkthrough of processing and adjusting survey data using the Edit Process Raw Data Editor in Carlson Survey. Attendees learn how to import raw data, edit observations and run adjustments before writing results to the coordinate file.

Key Topics:

- Using the Edit Process Raw Data Editor in Carlson Survey
- Managing RW5 raw data files and import formats
- Compass rule and angle balance adjustments
- Integration of GPS and total station data
- Troubleshooting, checkpoints and reporting settings

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This session was presented by Doug Aaberg on 08/16/2023.

Overview of Carlson Field to Finish

A Virtual Webinar Using Carlson Software – Learn Field to Finish Workflows

This webinar provides a detailed walkthrough of Carlson Software's Field to Finish feature, explaining how survey data collected in the field can be automatically processed into CAD drawings with appropriate layers, symbols and linework. Participants learn how to create and manage FLD files, field codes and special codes to streamline drafting and surface modeling.

Key Topics:

- Field to Finish concepts and workflow
- Creating and editing FLD files and field codes
- Managing layers, symbols and attribute layouts
- Using special codes for descriptions and linework
- Handling 2D vs 3D polylines and surface break lines

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This session was presented by Jennifer DiBona on 05/10/2023.

Migration from Civil 3D to Carlson 2023 for Engineers

A Virtual Webinar Using Carlson Software – Learn Civil 3D Migration Workflows

This webinar, led by Travis Maxwell and hosted by That CAD Girl, provides a detailed walkthrough of migrating from Autodesk Civil 3D to Carlson 2023. It covers practical workflows, compatibility issues and best practices for engineers transitioning CAD environments.

Key Topics:

- Transition strategy from Civil 3D to Carlson
- File compatibility and conversion tools
- Managing fonts, shapes and proxy entities
- Surface modeling and grading workflows
- Customization and template recreation

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This session was presented by Travis Maxwell on 07/26/2023.

How does Today’s IntelliCAD handle…?

A Virtual Webinar Using IntelliCAD – Learn to Work with Annotative Text, Multileaders and Dynamic Blocks

This webinar explores how modern IntelliCAD performs when running Carlson Software, comparing its current features to AutoCAD’s and highlighting major improvements since earlier versions. It demonstrates annotative text, multi-leaders, dynamic block handling, X-ref editing and the Sheet Set Manager to help CAD professionals streamline drafting workflows.

Key Topics:

- Annotative text setup and scaling
- Multi-leaders and annotation tools
- Dynamic blocks and visibility parameters
- Block and X-reference editing in place
- Sheet Set Manager and title-block automation

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This session was presented by Jennifer DiBona on 04/13/2023.

Features of Carlson Survey & Civil – Setting Points and Stakeout

A Virtual Webinar Using Carlson Software – Learn Point Setup and Stakeout

This webinar provides a detailed walkthrough of Carlson Survey and Civil tools for setting points, managing field-to-finish workflows and performing stakeout operations. Participants learn practical tips for configuring settings, creating and editing points, interpolating elevations and leveraging automation to improve CAD productivity.

Key Topics:

- Carlson Survey and Civil point creation and management
- Field-to-Finish (FLD) file setup and usage
- Create Points from Entities and Interpolation tools
- Building offsets, envelopes and stakeout workflows
- Integration of profiles and centerlines for civil design

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

This session was presented by Jennifer DiBona on 03/14/2023.

Evaluating Pipe Network Capacity

A Virtual Webinar Using Carlson Software – Evaluate Pipe Network Capacity

This webinar, hosted by That CAD Girl and presented by Travis, provided a detailed walkthrough of evaluating water system capacity using Carlson Software's Pressure Pipe Network tools integrated with EPA Net. Attendees learned how to model, analyze and verify water distribution systems for pressure and flow performance.

Key Topics:

- Setting up and editing utility and pressure pipe networks in Carlson
- Exporting and validating models in EPA Net
- Performing fire flow and pressure analyses
- Troubleshooting connection and modeling issues
- Interpreting hydraulic grade line (HGL) and head loss resu lts

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This session was presented by Travis Maxwell on 04/26/2023.

Advanced Road Network

A Virtual Webinar Using Carlson RoadNet – Learn Advanced Road Network Design

This webinar, hosted by That CAD Girl and presented by Travis, provides an in-depth look into advanced features of Carlson RoadNet. It covers dynamic road network setup, template configuration, curb ramps, cul-de-sacs, lot grading and troubleshooting techniques for civil design professionals.

Key Topics:

- Dynamic Carlson RoadNet setup and configuration
- Advanced template creation and transitions
- Curb ramps, cul-de-sacs and hammerhead intersections
- Lot grading and building pad elevation
- Troubleshooting and optimization best practices

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

This session was presented by Travis Maxwell on 05/11/2023.

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

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

This webinar introduces new users to Carlson Software’s setup and configuration process, focusing on default settings, data organization and drawing templates. It provides a step-by-step walkthrough for configuring projects, managing data folders, linking objects and importing survey points efficiently.

Key Topics:

- Carlson Software installation and interface overview
- Configuring default settings and data folders
- Managing templates, layers and text styles
- Linking data files (CRD, CL, TIN) with drawings
- Importing and displaying survey points

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This session was presented by Jennifer DiBona on 10/10/2023.

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

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

This webinar introduces new users to Carlson Software, focusing on initial setup, configuration and management of points, projects and templates. It covers user interface customization, data and settings folder organization and best practices for maintaining consistent standards across projects.

Key Topics:

- Carlson Software interface and configuration
- Project and data folder setup
- Default settings and templates management
- Point data handling and linking
- Technical support and software updates

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This session was presented by Jennifer DiBona on 09/07/2023.