Intro to Carlson Software: Settings, Setup, Configuration and Points
Recorded 1/5/2024

This introductory Carlson Software webinar, hosted by That CAD Girl, walks new users through setting up and configuring Carlson 2024 on IntelliCAD 11.1. The session covers interface customization, project folder organization, default settings, templates, and importing survey points for practical CAD use.

Key Topics:

- Carlson 2024 installation and IntelliCAD 11.1 platform overview
- User interface setup: ribbons, menus, and toolbars
- Project and data folder configuration (drawing vs. project folder)
- Carlson Configure defaults and settings management
- Template drawings (DWT) and layer standards
- Importing and displaying survey points (CRD files)
- Managing builds, updates, and tech support

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

This session was presented by Jennifer DiBona on 01/05/2024.

Grading Tips & Tricks in Carlson Software Recorded 5/22/2024

This webinar provides a comprehensive walkthrough of grading workflows in Carlson Software, focusing on site grading, building pads, retaining walls, and surface modeling. Attendees learn practical tips for using Carlson Civil and related modules to efficiently create, edit, and balance grading designs.

Key Topics:

- Building pad creation and elevation methods
- Using 3D Polyline Offset, Design Pad Template, and Surface Inspector
- Volume calculations and cut/fill color maps
- Retaining wall modeling and surface merging
- 2D-to-3D Polyline conversion and labeling techniques

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This session was presented by Jennifer DiBona on 05/22/2024.

Features of Carlson Survey & Civil: Setting Points and Stakeout
Recorded 1/11/2024

This webinar, hosted by That CAD Girl, explores advanced features in Carlson Survey and Carlson Civil for creating, managing, and staking out points. The session demonstrates practical workflows for field-to-finish code usage, point creation from entities, and interpolation tools to streamline survey and design tasks.

Key Topics:

- Field-to-Finish (FLD) file setup and usage
- Point creation, configuration, and linking behavior
- Creating points from entities and GIS data
- Building offsets, envelopes, and interpolation methods

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This session was presented by Jennifer DiBona on 01/11/2024.

Dynamic Blocks for the Engineer and Surveyor Recorded 10/23/2024

This webinar, *Dynamic Blocks for the Engineer and Surveyor*, presented by Carlson CAD Solutions, provides an in-depth tutorial on creating and using dynamic blocks in IntelliCAD 12.1. The session covers setup, parameters, actions, and advanced applications for engineers and surveyors seeking to streamline CAD workflows.

Key Topics:

- Introduction to Dynamic Blocks in IntelliCAD 12.1
- Creating and customizing toolbars for block editing
- Using parameters, actions, and visibility states
- Associative hatching and dimensioning
- Practical engineering applications (e.g., outlet structures, scale bars)

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This session was presented by Travis Maxwell on 10/23/2024.

Designing in Steep Terrain

with Carlson Civil Recorded 1/29/2024

This webinar, *Designing in Steep Terrain with Carlson Civil*, presented by Travis Maxwell, explores practical techniques for designing roads and grading projects on steep slopes using Carlson Civil's RoadNET tools. It covers terrain modeling, template setup, drainage considerations, and workflow optimizations for mountainous or hilly environments.

Key Topics:

- Road design strategies for steep terrain
- Carlson Civil RoadNET templates and transitions
- Surface modeling and grid optimization
- Drainage and erosion control on steep slopes
- Practical grading and construction considerations

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This session was presented by Travis Maxwell on 01/29/2024.

Deeds of Lots and Lots of Lots

in Carlson Software Recorded 6/11/2024

This webinar demonstrates how to create, edit, and manage property deeds and lot layouts using Carlson Survey and Carlson Civil. It covers deed entry, correlation with field data, legal description generation, and automated lot design through the Lot Network module.

Key Topics:

- Entering and processing deed descriptions
- Deed correlation with surveyed points
- Creating and labeling lot files
- Using Lot Network for automated subdivision design

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This session was presented by Jennifer DiBona on 06/11/2024

Creating Slope Maps for Residential Developments

Recorded 9/12/2024

This webinar, hosted by That CAD Girl and presented by Travis Maxwell, demonstrates how to create slope maps for residential development using Carlson Software. The session covers both TIN and grid-based methods, data preparation, and troubleshooting large terrain datasets for planning and subdivision design.

Key Topics:

- Creating slope maps in Carlson Software
- Comparing TIN vs. grid methods
- Managing large terrain datasets and point clouds
- Using Google Earth and DEM data imports
- Applying slope analysis and color zoning

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This session was presented by Travis Maxwell on 09/12/2024.

Carlson Field to Finish – Perfecting Coding & Creating

Linework
Recorded 9/10/2024

This advanced Carlson Field to Finish webinar, hosted by That CAD Girl, guides users through coding best practices, FLD file creation, and efficient linework generation in Carlson Survey. Jennifer DiBona demonstrates how to streamline field-to-office workflows, manage field codes, and apply special codes for automated drafting.

Key Topics:

- Building and refining Carlson FLD (Field Code) files
- Managing field codes, layers, and symbols
- Using special codes for linework automation (e.g., PC/PT, CLO, RECT, JPN)
- Handling multiple codes, offsets, and curve geometry
- Workflow tips for consistency between field and office

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This session was presented by Jennifer DiBona on 09/10/2024.

Basics of Surface Modeling in

Carlson Software Recorded 2/7/2024

This webinar introduces the fundamentals of surface modeling in Carlson Software, covering how to prepare data, build and refine surfaces, and troubleshoot common issues. Participants learn practical workflows for triangulation, contour generation, breaklines, and integrating external elevation data.

Key Topics:

- Preparing data and checking elevations before surface creation
- Triangulate & Contour workflow and shrink-wrap boundaries
- Using breaklines, non-surface points, and field-to-finish automation
- Importing and merging Google Earth and NASA elevation surfaces
- Contour labeling, line-type generation, and quality-control techniques

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

This session was presented by Jennifer DiBona on 02/07/2024.

Basics of Road Design in

Carlson Software Recorded 3/15/2024

This webinar, hosted by That CAD Girl and presented by Travis Maxwell, provides a step-by-step introduction to road design using Carlson Software. It covers essential workflows including drawing setup, creating centerlines, profiles, templates, intersections, and cul-de-sacs for civil design projects.

Key Topics:

- Carlson drawing setup and coordinate systems
- Creating and managing road centerlines and profiles
- Building and editing templates for pavement, curbs, and grading
- Handling intersections and cul-de-sacs
- Using Google surfaces for preliminary design

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

This session was presented by Travis Maxwell on 03/15/2024.