

Centerlines Profiles & Overview of RoadNet

A Virtual Webinar Using Carlson Software – Learn RoadNet Centerlines and Profiles

This webinar introduces Carlson Software users to the creation and use of centerlines, profiles, and the RoadNet feature for roadway design. It walks through converting polylines to centerlines, creating and managing profile data, and building interconnected road networks using RoadNet tools.

Key Topics:

- Defining and linking centerlines and profiles in Carlson
- Manual vs. automated road design workflows
- Creating templates and using RoadNet for multi-road projects

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This session was presented by Jennifer DiBona on 04/19/2023.

Tips & Tricks in Carlson Civil

A Virtual Webinar Using Carlson Software – Learn to Improve Civil Workflows

This webinar provides an in-depth walkthrough of advanced productivity tools and hidden features in Carlson Civil, including Site Net, surface modeling, takeoff workflows, and profile utilities. It also covers pricing insights, training opportunities, and practical demonstrations for grading, topsoil calculations, and pipe depth summaries.

Key Topics:

- Carlson Civil Site Net and Takeoff functionality
- Surface modeling, subgrade, and topsoil workflows
- Profiles, best-fit tools, and labeling techniques
- Pipe depth summaries and slope analysis
- Converting spot elevations and data cleanup tips

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This session was presented by Jennifer DiBona on 10/13/2020.

Advanced Detention Pond Design

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

This webinar, hosted by That CAD Girl and presented by Mark Long of Carlson Software, provides an in-depth walkthrough of advanced detention pond design using Carlson Civil Hydrology 2020. It covers watershed setup, pre- and post-construction modeling, rainfall data integration, and automated pond sizing and routing.

Key Topics:

- Defining watershed layers and runoff coefficients
- Using SCS and rational methods for hydrology modeling
- Integrating USGS soils and NOAA rainfall data
- Designing detention ponds with Carlson's 2020 tools
- Creating stage-storage and discharge files
- Configuring riser, barrel, weir, and orifice outlets
- Generating hydrographs and reports

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This session was presented by Mark Long on 03/12/2020.

What's So Special About Carlson's File Menu

A Virtual Webinar Using Carlson Software – Learn to Manage Project Files

This webinar explores the often-overlooked tools and workflows within Carlson Software's File menu. It demonstrates how to use the Start Page, Drawings Map, publishing tools, import/export options, and cleanup utilities to improve CAD efficiency and data exchange.

Key Topics:

- Carlson Start Page and Drawings Map
- File management and publishing to PDF
- Importing/exporting LandXML and Civil 3D data
- Carlson Community and data sharing
- Drawing cleanup, geolocation, and eTransmit

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This session was presented by Jennifer DiBona on 05/27/2020.

What's So Special About Carlson's Annotate Menu

A Virtual Webinar Using Carlson Software – Learn to Streamline Annotation Workflows

This webinar explores Carlson Software's Annotate Menu, demonstrating practical tools for labeling, dimensioning, and automating drafting tasks in survey and civil drawings. Jennifer DiBona (That CAD Girl) walks through real-world examples showing how to streamline annotation, manage object linking, and use time-saving commands.

Key Topics:

- Auto Annotate and object linking behavior
- Line and curve tables, label flipping, and re-annotation
- Survey Text tools (building dimensions, offset dimensions, joiner text)
- Labeling coordinates, slopes, and creating legends
- Tips for grids, spot elevations, and field-to-finish integration

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This session was presented by Jennifer DiBona on 09/24/2020.

The Very Basics of Carlson Field to Finish

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

This webinar introduces the foundational concepts of Carlson's Field to Finish feature, demonstrating how to set up field code files, manage point data, and automate the creation of symbols and linework in CAD drawings. Attendees learn how to configure FLD files, use special codes, and control point display layers for efficient survey data processing.

Key Topics:

- Overview of Field to Finish in Carlson Survey
- Creating and managing FLD (field code) files
- Point creation, attributes, and symbol management
- Layer control and attribute separation
- Use of special codes and description handling

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This session was presented by Jennifer DiBona on 02/11/2020.

Taking a Survey Project from Field to Plotted Sheet

A Virtual Webinar Using Carlson Software – Learn to Complete Survey Workflows

This webinar walks through the complete workflow of taking a survey project from raw field data to a finished plotted sheet using Carlson Survey. It covers importing points, managing coordinate files, deed entry, field-to-finish automation, surface generation, and final sheet layout for professional deliverables.

Key Topics:

- Importing and managing survey points and coordinate files
- Entering and processing deed descriptions
- Using field-to-finish for automated drafting
- Building surfaces and contours
- Creating legends, title blocks, and final plot sheets

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This session was presented by Jennifer DiBona on 01/21/2020.

Subdivision Roads & Lot Grading

A Virtual Webinar Using Carlson Software – Learn to Design Subdivision Roads

This webinar demonstrates how to design subdivision roads and perform lot grading using Carlson Civil's Road Network and Grading tools. The session walks through building templates, setting profiles, elevating building pads, and creating 3D surfaces for residential developments.

Key Topics:

- Carlson Road Network setup and configuration
- Creating and editing roadway templates
- Elevating building pads and lot lines
- Generating and refining proposed surfaces
- Practical grading techniques for subdivisions

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This session was presented by Jennifer DiBona on 08/25/2020.

Standardizing CAD and Carlson Recorded 2/26/2020

This webinar by That CAD Girl provides a detailed walkthrough of how to standardize settings in Carlson Software and its underlying CAD platforms (AutoCAD or IntelliCAD). It covers configuration management, toolbar customization, quick keys, and best practices for creating consistent templates and workflows across teams.

Key Topics:

- Understanding the relationship between CAD platforms and Carlson vertical programs
- Configuring default settings and toolbars
- Managing quick keys and command aliases
- Creating and sharing standard settings and templates
- Using configuration files (.CFG, .TRI, .DWT) for consistency

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This session was presented by Jennifer DiBona on 02/26/2020.

Site Project Grading from Start to Finish

A Virtual Webinar Using Carlson Software – Learn to Complete Site Grading

This webinar demonstrates a complete site-grading workflow in Carlson Civil and IntelliCAD, from setting up surfaces and elevating building pads to creating 3D polylines, grading slopes, and calculating earthwork volumes. It provides step-by-step instruction for converting 2D plans into accurate 3D models suitable for construction takeoff and design verification.

Key Topics:

- Carlson Civil / IntelliCAD setup and configuration
- Creating and editing 2D and 3D polylines for grading
- Building pads, curbs, and pavement elevations
- Surface creation, triangulation, and contour analysis
- Daylighting to existing ground and balancing cut/fill volumes

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This session was presented by Jennifer DiBona on 07/14/2020.