Centerlines, Profiles & Overview of RoadNet

A Virtual Webinar Using Carlson Software – Learn to Create Centerlines and Profiles and Design Roads with RoadNet

This webinar provides a complete tutorial on creating and managing centerlines and profiles in Carlson Civil and Survey, followed by a practical overview of the RoadNet module. Participants learn manual methods for building CL and PRF files, linking them to drawings and using RoadNet to automate roadway and subdivision design.

Key Topics:

- Creating and editing Centerline (CL) and Profile (PRO) files
- Managing stationing
- Linking CL files to drawings
- Generating profiles from surfaces
- RoadNet automation for multi-road networks
- Templates, intersections and cul-de-sacs in RoadNet

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 06/27/2017.

Centerlines, Profiles & Overview of RoadNet

A Virtual Webinar Using Carlson Software – Learn to Create, Station and Label Centerlines and Profiles

This webinar demonstrates how to manually create and edit centerlines and profiles in Carlson Survey and Civil, and then automates those tasks using Carlson RoadNet. Participants learn configuration settings, linking logic, drawing options and complete design-to-contours processing for connected roads and cul-de-sacs.

Key Topics:

- Manual centerline and profile creation
- Carlson Configure and object linking settings
- Editing and stationing centerlines
- Generating and labeling profiles (existing, road, sewer, c rossing)
- Building and processing roads with Road Net (templates, in tersections, cul-de-sacs, quantities)

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This session was presented by Jennifer DiBona on 01/17/2017.

Centerlines, Profiles & Overview of RoadNet

A Virtual Webinar Using Carlson Software – Learn to Create Centerlines and Profiles and Design Roads with RoadNet

This webinar by That CAD Girl provides a detailed walkthrough of creating centerlines, profiles and complete road networks in Carlson Civil. It demonstrates both manual methods and automated workflows using the Carlson RoadNet toolset for roadway design, grading and intersection management.

Key Topics:

- Creating and editing centerline and profile files
- Linking data through object linking and dynamic updates
- Designing roads and networks in Carlson RoadNet
- Building templates, intersections and cul-de-sacs
- Using reports for cut/fill and materials

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This session was presented by Jennifer DiBona on 09/13/2017.

Carlson GIS for Surveyors

A Virtual Webinar Using Carlson GIS – Learn to Import, Query and Label Shapefiles

This webinar introduces surveyors to GIS functionality within Carlson Software, covering the creation, import and management of GIS data sets, shapefiles and databases. It demonstrates practical workflows for integrating GIS with surveying workflows, including data labeling, querying and image retrieval.

Key Topics:

- Shapefile structure and components
- GIS data setup in Carlson (GIS file and database creation)
- Importing/exporting GIS and shapefile data
- Attribute-based layers, queries and labeling
- Working with aerial imagery and Google Earth integration
- Building GIS data from CAD drawings or Excel spreadsheets

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This session was presented by Jennifer DiBona on 04/11/2017.

Tips and Tricks with CAD and Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Manage DWG Files, Export to Google Earth and Clean Up Polylines

This webinar from *That CAD Girl* covers essential productivity tips and hidden features in Carlson and Autodesk tools, including TrueView, DWG Convert, Google Earth exports, polyline editing and layer library management. It provides practical demonstrations to help CAD professionals improve efficiency when handling DWG files, converting drawings and maintaining clean design data.

Key Topics:

- Autodesk TrueView and DWG Convert for DWG file management
- Exporting CAD drawings to Google Earth (KML/KMZ)
- Efficient polyline editing and cleanup in Carlson
- Managing standard layers using Carlson's Layer Library
- Handling complex or faulty blocks in imported drawings

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This session was presented by Jennifer DiBona on 11/21/2017.

Basics of Annotation In Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Set Up Text Styles and Auto Annotate Labels

This webinar provides a comprehensive walkthrough of annotation tools and workflows in Carlson Software, focusing on text styles, scaling, labeling and plot settings within CAD environments. Participants gain practical guidance on text management, auto-annotation, lot labeling and configuration tips for consistent and professional drawing output.

Key Topics:

- CAD text style management and scaling
- Auto Annotation and line labeling
- Lot and area labeling customization
- Annotate defaults and settings files (CFG, AAN, ARF)
- Carlson-specific tools like twist screen and survey text

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This session was presented by Jennifer DiBona on 01/05/2017.

Basics of Annotation in Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Annotate and Label Drawings

This webinar presented by That CAD Girl covers the fundamentals of annotation in Carlson Software, including text styles, scaling, labeling and layout techniques. It offers practical guidance on setting up, controlling and customizing annotation elements for consistent plotting and presentation in CAD drawings.

Key Topics:

- Setting up and managing text styles in Carlson and CAD
- Understanding scaling, height and plotted text size
- Using Auto-Annotate, Area Labels and Survey Text tools
- Adjusting styles and templates for points and labels
- Time-saving tips for rotating, offsetting and customizing text

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This session was presented by Jennifer DiBona on 10/10/2017.

Advanced Field to Finish – Perfecting Coding & Creating Linework

A Virtual Webinar Using Carlson Software – Learn to Clean Up Point Descriptions and Auto-Generate Linework

This advanced Carlson Software webinar by That CAD Girl explores best practices for using Field to Finish workflows, focusing on consistent coding, generating linework and cleaning point data. Attendees learn efficient methods for building FLD files, managing point descriptions and automating drafting processes in Carlson Survey and Civil.

Key Topics:

- Field to Finish overview and data dependencies
- Normalizing and cleaning point descriptions
- Creating and editing FLD code tables
- Auto-generating linework from field codes
- Using special codes for curves, offsets and closing features

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This session was presented by Jennifer DiBona on 04/20/2017.

Advanced Field to Finish – Tree Surveys & GIS Data Collection

A Virtual Webinar Using Carlson Software – Learn to Set Up Tree Surveys and GIS Data in Field to Finish

This in-depth webinar by That CAD Girl explores advanced Carlson Field to Finish workflows focused on tree surveys and GIS data collection integration using SurvCE and SurvPC. It walks users through tree feature coding, creating GIS feature files, linking attributes and automating map generation with attribute-rich CAD blocks.

Key Topics:

- Carlson Field to Finish tree survey setup
- Tree feature type configuration, labeling and report tables
- Creating and linking GIS data with FLD/FCL/VTT files
- Building and modifying symbol libraries for GIS attributes
- Integration between SurvCE/SurvPC and Carlson desktop software

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 05/23/2017.

3D Site Grading Tips & Tricks

A Virtual Webinar Using Carlson Software – Learn to Grade Pads and Lots and Analyze Cut and Fill

This Carlson webinar walks through practical techniques for 3D site grading in Carlson Civil and GIS. Participants learn how to build and manipulate surfaces, import imagery, design pads and roads, manage contours and compute volumes using both manual methods and semi-automated Carlson tools.

Key Topics:

- Building background images and surfaces (Esri ArcGIS / WMS / NED)
- Manual pad and lot grading with Design Pad Template
- Surface management, merging TINs, contouring and cut/fill analysis
- Elevation labeling, slope and volume reports for QA and presentation
- Road and lot design integration without full Road Network setup

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This session was presented by Jennifer DiBona on 03/23/2017.