Roadway Design with Carlson RoadNet

A Virtual Webinar Using Carlson RoadNet – Learn Roadway Design Basics

This webinar introduces roadway design using Carlson RoadNet, demonstrating how to create and manage road networks, build templates, design profiles and resolve intersection grading issues. The session covers practical examples, troubleshooting common bugs and includes tips for integrating surfaces, cul-de-sacs and building pad elevations within Carlson Civil.

Key Topics:

- Introduction to Carlson RoadNet functionality
- Surface and template creation for road design
- Profile design, editing PVIs and managing cut/fill
- Handling cul-de-sacs and intersections, including a known “circle rotation” bug
- Advanced grading tools such as building pad and lot line elevation

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 05/12/2015.

Intro to Carlson Surfaces, Centerlines and Profiles

A Virtual Webinar Using Carlson Software – Learn surface modeling, centerline setup and profile creation

This training webinar introduces Carlson Software users to the creation of surfaces, centerlines and profiles using Carlson Survey and Civil modules. The session walks through surface modeling from points and contours, applying shrink-wrap boundaries, building and editing TINs and generating centerlines and stationing for roadway or design purposes.

Key Topics:

- Building surfaces from points, break lines and contours
- Using shrink-wrap entities and triangulate/contour tools
- Surface review, editing and troubleshooting
- Creating and managing centerlines (CL files) and profiles
- Carlson interface configuration and visualization utilities

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 05/06/2015.

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

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

This introductory webinar provides new Carlson Software users with a guided overview of setup, configuration and point management within the CAD environment. It also covers support resources, file organization and foundational drawing principles to help attendees begin productive use of Carlson Software from day one.

Key Topics:

- Installing, configuring and managing Carlson Software builds
- Setting up projects, data folders and default settings
- Understanding drawing setup, scaling and annotation
- Working with coordinates, points and CRD files
- Common support practices and file management

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

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

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

This introductory Carlson Software webinar guided new and existing users through the essentials of installation, configuration, project management and point handling. The session provided practical demonstrations of Carlson's setup process, default templates, drawing configuration and tips for managing survey data efficiently.

Key Topics:

- Carlson Software configuration and general settings
- Project folder and data management options
- Working with points, coordinates and field data
- Drawing setup, templates, scales and styles
- Command usage for linework, elevation and point editing
- Managing horizontal scales, projections and coordinate systems

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This session was presented by Jennifer DiBona on 04/02/2015.

Introducing Carlson Precision 3D Culverts

A Virtual Webinar Using Carlson Precision 3D – Learn to Design Culverts in 3D

This recorded webinar introduces **Carlson Precision 3D Culverts**, a new 3D design platform from Carlson Software led by Bruce Carlson. The presentation demonstrates real-time 3D hydrology and culvert design, model integration with Carlson Civil and Hydrology and insights into future extensions for full hydrologic and roadway modeling.

Key Topics:

- Precision 3D Culverts software introduction & objectives
- Live demonstration of 3D culvert and hydrology design
- File and data integration between Carlson Civil and Precision 3D
- Future development roadmap (Hydrology, Storm Sewer and BIM)
- User Q&A on pricing, availability and upcoming features

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This session was presented by Bruce Carlson on 03/31/2015.

Design and Drafting of Ponds, Pipes and Structures

A Virtual Webinar Using Carlson Hydrology – Learn to Design Ponds, Pipes and Structures

This comprehensive Carlson Hydrology webinar walks attendees through the complete process of designing and drafting ponds, pipes and drainage structures. It covers watershed setup, rainfall libraries, sewer-network design, detention-pond sizing and live demonstrations of hydrology and civil-design automation tools.

Key Topics:

- Watershed layer definition and runoff coefficients
- Rainfall and sewer-structure libraries setup
- Pipe-network creation and hydraulic design process
- Spreadsheet Sewer Editor usage and HGL visualization
- Detention-pond sizing, stage-storage and outlet design

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This session was presented by Mark Long on 03/23/2015.

Survey Project from Field to Plotted Sheet

A Virtual Webinar Using Carlson Survey – Learn to Take a Survey Project from Field to Plotted Sheet

This webinar demonstrates the complete workflow of processing survey data in Carlson Software—from collecting raw field data to generating a plotted survey sheet. Topics include raw data processing, deed entry, surface modeling, field-to-finish drawing and final annotation and sheet creation within Carlson Survey.

Key Topics:

- Processing and editing raw survey data files
- Deed entry, boundary correlation and legal descriptions
- Field-to-finish workflow and surface model preparation
- Importing aerial imagery, adding control points and annotation
- Producing final deliverables including title block, legend and plot sheet

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This session was presented by Jennifer DiBona on 03/19/2015.

Basics of Annotation in Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Set Up Text Styles and Annotation Scales

This webinar provides a comprehensive introduction to text annotation in Carlson Software, covering text styles, plotted text heights, drawing scales and annotation defaults. It includes live demonstrations on labeling features like bearings, distances, contours and points, with best practices for managing text and dimension styles efficiently.

Key Topics:

- Text style setup and best practices
- Plot scale relationships and horizontal scales
- Annotation controls for bearings, distances and contours
- Synchronizing annotation and drawing settings
- Customizing point and dimension text styles

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This session was presented by Jennifer DiBona on 03/09/2015.

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

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

This introductory Carlson Software webinar guided users through the essential menus, settings and workflows that establish consistent CAD environments across Carlson Survey, Civil and other desktop programs. The session emphasized configuration options, project folder structure, layers, points, templates and text scaling fundamentals.

Key Topics:

- Carlson configuration and project setup
- Drawing templates and scale management
- Working with layers and text styles
- Importing and editing points (CRD files)
- Utilizing toolbars, commands and object snaps
- Field-to-finish overview and data organization

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This session was presented by Jennifer DiBona on 02/09/2015.

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

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

This 2015 recorded webinar offers an in-depth introduction to Carlson Software for new users, explaining system configuration, project folder setup, drawing templates, text scaling and point management. It demonstrates best practices for establishing company standards, customizing defaults and efficiently handling coordinate and drawing data in Carlson Survey and Civil Suite.

Key Topics:

- Drawing templates and horizontal scale configuration
- Text and annotation scaling principles
- Managing CRD point files and importing survey data
- Using Carlson Configure for global defaults
- Project folder structure and data management
- Layers, line types and National CAD Standard organization

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This session was presented by Jennifer DiBona on 01/05/2015.