Advanced Field to Finish – Perfecting Coding & Creating Linework

A Virtual Webinar Using Carlson Software – Learn to Perfect Field Coding

This advanced Carlson Survey webinar demonstrates how to perfect field-to-finish coding and generate accurate linework directly from survey data. It covers building and editing FLD files, normalizing field codes, and using special codes to automate linework creation.

Key Topics:

- Creating and editing Field-to-Finish (FLD) files
- Normalizing and bulk-importing point descriptions
- Using special codes for linework, curves, offsets, and clo sures

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 03/18/2020.

All About Roadway Templates

A Virtual Webinar Using Carlson Software – Learn to Build Roadway Templates

This webinar, hosted by That CAD Girl and presented by Mark Long of Carlson Software, provides an in-depth tutorial on creating and managing roadway templates in Carlson Civil. The session covers advanced template design, super elevation, transitions, subgrades, and practical applications for roadway and subdivision design.

Key Topics:

- Carlson Road Design and Template Creation
- Super Elevation and Template Transitions
- Subgrade and Cut/Fill Slope Configuration
- Template Point Centerline and Profile Tools
- Practical Design Applications and Tips

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This session was presented by Mark Long on 05/05/2020.

Centerlines, Profiles & Overview of RoadNet

A Virtual Webinar Using Carlson Software – Create Centerlines and Profiles with RoadNet

This webinar provides a comprehensive walkthrough of Carlson Software's tools for creating and managing centerlines, profiles, and roadway designs using RoadNet. It covers manual methods for building alignments and profiles, linking data files, and automating roadway networks for efficient civil design workflows.

Key Topics:

- Creating and editing Carlson centerline (.CL) and profile (.PRO) files
- Linking CAD geometry to external data files
- Drawing and labeling profiles in Carlson Survey and Civil
- Designing roads and intersections using Carlson RoadNet
- Managing templates, cul-de-sacs, and volume reports

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This session was presented by Jennifer DiBona on 12/05/2018.

Advanced Road Network Design – with Mark Long of Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Design Advanced Road Networks

This webinar, led by Mark Long from Carlson Software and hosted by That CAD Girl, provides an in-depth walkthrough of advanced roadway design using Carlson’s RoadNet tools. It covers setup, super elevation, template transitions, and practical design workflows for real-world road projects.

Key Topics:

- RoadNet setup and configuration
- Super elevation design and AASHTO standards
- Template transitions and slope adjustments
- Cross-section generation and profile management
- Troubleshooting and workflow best practices

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This session was presented by Mark Long on 12/18/2018.

Advanced Field to Finish – Perfecting Coding & Creating Linework

A Virtual Webinar Using Carlson Software – Perfect Coding and Create Linework

This advanced Carlson Software webinar demonstrates how to perfect Field-to-Finish workflows by standardizing field codes, creating and populating FLD files, and generating automated linework. It builds on the basics of point coding to show efficient methods for coding, symbol management, and drawing 2D/3D polylines directly from survey data.

Key Topics:

- Populating and cleaning FLD files from point data
- Standardizing field descriptions and coding syntax
- Using special codes for linework, curves, and offsets
- Managing layers, symbols, and line types
- Automating 2D and 3D polyline creation

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This session was presented by Jennifer DiBona on 09/26/2018.

Features of Carlson Survey & Civil – Setting Points and Stakeout

A Virtual Webinar Using Carlson Software – Learn to Set Points for Stakeout

This webinar demonstrates how to use Carlson Survey and Carlson Civil to create, manage, and stake out points efficiently. It covers field-to-finish workflows, point defaults, creating points from entities, interpolating points, and generating offset or spot-elevation data for design and construction projects.

Key Topics:

- Field-to-Finish and FLD file integration
- Point Defaults and Layer Management
- Creating Points from Entities (COGO tools)
- Interpolation and Offset Commands
- Dynamic Spot Elevations linked to surfaces

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 11/20/2018.

Overview of SurvCE & SurvPC and the Carlson Cloud

A Virtual Webinar Using Carlson SurvCE and SurvPC – Learn to Manage Field Data

This webinar provides a detailed overview of Carlson's field software—SurvCE and SurvPC—and demonstrates how they integrate with the Carlson Cloud for data sharing. Presenter Jeremy Taylor walks through configuration, setup, and practical field workflows for surveyors using both total stations and GPS equipment.

Key Topics:

- Overview and comparison of SurvCE and SurvPC
- Job setup, configuration, and data management
- Equipment setup for total stations and GPS
- Feature coding, field-to-finish, and stakeout workflows
- Using Carlson Cloud for file transfer and collaboration

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This session was presented by Jeremy Taylor on 06/12/2018.

Advanced Carlson Hydrology & P3D

A Virtual Webinar Using Carlson Software – Advance Hydrology and P3D Workflows

This webinar, hosted by That CAD Girl and presented by Mark Long of Carlson Software, explores advanced techniques in Carlson Hydrology and Precision 3D (P3D). It demonstrates how to integrate watershed modeling, storm drainage design, and 3D visualization for efficient civil engineering workflows.

Key Topics:

- Carlson Hydrology fundamentals and watershed layer setup
- Precision 3D (P3D) integration for stormwater design
- Surface modeling, runoff coefficients, and drainage networks
- Use of LIDAR and Google Earth data for terrain modeling
- Workflow between CAD-based hydrology and 3D visualization

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This session was presented by Mark Long on 07/24/2018.

Advanced Carlson Hydrology

A Virtual Webinar Using Carlson Software – Learn to Advance Hydrology Design

This advanced Carlson Hydrology webinar, presented by Mark Long and hosted by That CAD Girl, walks users through practical stormwater and utility network design workflows in Carlson Civil and Hydrology. The session covers setup, configuration, and design of storm, sanitary, and water networks using real subdivision examples.

Key Topics:

- Carlson Hydrology module overview and setup
- Storm drainage design workflow and automation
- Sanitary sewer and utility network creation
- Surface models, rainfall data, and watershed setup
- Profile drawing and conflict checking

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This session was presented by Mark Long on 09/10/2020.

2016 Virtual Classroom – Survey & GIS Virtual Workshop – Bonus Lunch Session 3 Recorded 05/17/2016

This session of the Survey and GIS Virtual Workshop features a demonstration of Carlson Software's Precision 3D Topo, led by Nathan Cruise. The presentation showcases surface editing, visualization, field-to-finish workflows, and 3D modeling capabilities for survey and design professionals.

Key Topics:

- Precision 3D Topo features and workflows
- Surface editing and visualization tools
- Field-to-finish automation and 3D modeling
- Importing and managing survey data
- Auto texturing and presentation tools

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This session was presented by Nathan Crews on 05/17/2016.