Working with Carlson Hydrology – Drafting Pipes & Structures

A Virtual Webinar Using Carlson Hydrology – Learn to Draft Storm Sewer Pipes and Structures

This Carlson Hydrology webinar demonstrates the drafting side of creating storm sewer pipes and structures in Carlson Software. The session walks through composite-surface preparation, sewer network settings, structure and pipe entry, plan-view labels, tables, 3D faces and sewer-profile drawings.

Key Topics:

- Storm sewer network setup and SEW files
- Pipe and structure drafting in Carlson Hydrology
- Plan-view labels, leaders and data tables
- 3D sewer faces and profile drawing workflows
- PRO profile output from sewer network data

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 08/11/2020.

Survey Project From Start to Finish

A Virtual Webinar Using Carlson Software – Learn a Carlson Survey Field to Plotted Sheet Workflow

This Carlson Software webinar demonstrates how to take a survey project from field to plotted sheet using Carlson 2020 with IntelliCAD. The session walks through point import, CRD and point groups, deed entry and correlation, Field-to-Finish, surface checks, Google Earth imagery, DVIEW Twist, annotation, title blocks and legends.

Key Topics:

- Point import, CRD files and point groups
- Deed entry, translation, rotation and deed correlation
- Field-to-Finish linework and surface preparation
- Surface checking, shrink-wrap boundaries and contouring
- Sheet orientation, annotation, title blocks and legends

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 08/05/2020.

Overview of Carlson Point Cloud Software

A Virtual Webinar Using Carlson Point Cloud – Learn Point Cloud Basic and Advanced Workflows

This webinar introduces Carlson Point Cloud through Steve Cummings's comparison of Point Cloud Basic and Point Cloud Advanced for processing photogrammetry and scan data. The session demonstrates practical workflows for cleaning clouds, extracting bare earth, creating TIN surfaces, registering scans, generating profiles and sections, creating solids and understanding which point-cloud tools fit common field and office needs.

Key Topics:

- Point Cloud Basic project setup and cloud management
- Photogrammetry cloud cleanup, bare-earth extraction and TIN creation
- Point Cloud Advanced scan registration and coordinate control
- Profiles, sections, feature extraction and solid modeling
- Carlson point-cloud product comparisons and follow-up training

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This session was presented by Steve Cummings on 07/09/2020.

Features of Carlson Survey & Civil – Setting Points and Stakeout

A Virtual Webinar Using Carlson Software – Learn to Set Points for Stakeout in Carlson Survey and Civil

This Carlson Software webinar shows several ways to set points in Carlson Survey and Civil for layout and stakeout. The session covers using a shared Field to Finish (FLD) file through Point Defaults in Civil, turning GIS nodes and CAD line work into Carlson points with Create Points from Entities, building envelope and offset points and interpolating points and elevations along lines and entities.

Key Topics:

- Draw Locate Points with Point Defaults and a Field to Finish (FLD) code table
- Using a survey FLD file in Carlson Civil for point styles and layers
- Create Points from Entities for nodes, polylines, lines and arcs
- Building envelope and offset points for staking
- Interpolating points and elevations between points or along entities
- Converting spot elevation text to Carlson points in Civil

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 04/29/2020.

Tips & Tricks to Recover Corrupt Drawings

A Virtual Webinar Using CAD – Learn to Recover Corrupt DWG Drawings

This Carlson Software webinar explains practical recovery options for corrupt DWG drawings that either open with unusual behavior or fail to open normally. The session demonstrates Purge, -Purge, Audit, WBLOCK, Recover, Recover All, drawing insertion, layout recovery, Autodesk Design Center and DWG TrueView conversion workflows.

Although Carlson Software with IntelliCAD was used in this session and a few Carlson-specific commands are shown, the workflows are by and large the same for all AutoCAD or IntelliCAD based programs, and other programs will likely have their own version of those Carlson commands.

Key Topics:

- Corrupt drawing cleanup and recovery commands
- Purge, -Purge, Audit, Recover and Recover All workflows
- WBLOCK, Insert and layout-tab recovery methods

- Civil 3D, AutoCAD, IntelliCAD and DWG TrueView comparisons
- Outside-file cleanup and conversion recommendations

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 06/16/2020.

Surfaces and Breaklines – the Basics

A Virtual Webinar Using Carlson Software – Learn Surface and Breakline Basics

This Carlson Software webinar introduces surface and breakline fundamentals for Carlson Survey, Carlson Civil, Carlson GIS and Takeoff users who need to build more reliable terrain models. The session demonstrates TIN creation, contouring, 3D polylines, Field-to-Finish breaklines, public elevation data, merged surfaces, 3D visualization and LandXML surface exchange.

Key Topics:

- Surface model setup and TIN creation
- Manual and automated breakline workflows
- Public elevation data and merged TIN files
- 3D surface visualization with aerial imagery
- LandXML and TIN-line surface sharing

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This session was presented by Jennifer DiBona on 06/09/2020.

Overview of CAD IntelliCAD and AutoCAD for Carlson Software Users

A Virtual Webinar Using CAD – Learn IntelliCAD and AutoCAD Fundamentals for Carlson Users

This webinar introduces core CAD concepts for Carlson Software users working in IntelliCAD or AutoCAD, with Jennifer demonstrating how the base CAD platform interacts with Carlson tools. The session explains workspaces, command access, default settings, coordinate entry, drafting precision, editing methods, text, object properties and layer management.

Although Carlson Software with IntelliCAD was used in this session and a few Carlson-specific commands are shown, the workflows are by and large the same for all AutoCAD or IntelliCAD based programs, and other programs will likely have their own version of those Carlson commands.

Key Topics:

- CAD interface and workspace navigation
- IntelliCAD, AutoCAD and Carlson command relationships
- Coordinate drafting, Ortho, zooming and object snaps
- Entity selection, editing, text, properties and layers
- Layer visibility, ByLayer behavior and freeze versus off

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This session was presented by Jennifer DiBona on 07/15/2021.

Advanced Field to Finish – Perfecting Coding & Creating Linework

A Virtual Webinar Using Carlson Software – Learn to Code Survey Points and Create Linework with Field to Finish

This advanced webinar on Carlson Software's Field to Finish feature demonstrates how to perfect field coding, manage FLD and CRD files, automate symbol and linework creation and apply special codes for detailed survey drafting. The session builds upon the January basics webinar, guiding attendees through clean code management, linework automation and integration of attributes like tree sizes, monuments and site geometry.

Key Topics:

- Using and managing Field-to-Finish (FLD) and Coordinate (CRD) files
- Coding best practices for survey points, tree sizes and monuments
- Layer management, description substitution and attribute layouts
- Creating 2D/3D polylines and automated linework
- Applying advanced special codes (Begin/End, PC/PT, offsets, rectangles, closures)
- Spreadsheet editing of FLD tables for mass updates

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This session was presented by Jennifer DiBona on 02/13/2018.

The Very Basics of Carlson Field to Finish

A Virtual Webinar Using Carlson Software – Learn to Set Up Field to Finish Codes

This webinar introduces new Carlson Survey and CAD users to the fundamentals of the Field-to-Finish (F2F) workflow. It explains how FLD files, point descriptions, layers and symbols interact

to automate drafting from field codes to finished drawings.

Key Topics:

- Creating and managing FLD (Field-to-Finish) files
- Coding and description rules for CRD point files
- Layer management and symbol assignments (generic vs. specific symbols)
- PDMODE and DDPTYPE (point display) controls
- Special codes and advanced description handling
- Integrating point styles across Survey and Civil modules

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

This session was presented by Jennifer DiBona on 01/25/2018.

Features of Carlson Survey & Civil – Setting Points and Stakeout

A Virtual Webinar Using Carlson Software – Learn to Create Points and Stake Out from Centerlines and Profiles

This Carlson Software webinar presents practical point-setting

and stakeout techniques in Carlson Survey and Carlson Civil for survey, civil, construction and takeoff users. It demonstrates FLD-based point styling, entity conversion, building offsets, interpolation, centerline and profile staking, linked spot elevations and slope-driven grading workflows.

Key Topics:

- Field-to-Finish point styling
- Create Points from Entities
- Building offsets and point interpolation
- Centerline and profile-based stakeout
- Surface-linked spot elevations and slope points

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This session was presented by Jennifer DiBona on 06/14/2018.