

Working with Carlson Hydrology Drafting Pipes and Structures

A Virtual Webinar Using Carlson Hydrology – Draft Storm Sewer Pipes and Structures in a Carlson Hydrology Pipe Drafting Webinar

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

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This session was presented by Jennifer DiBona on 08/11/2020.

Carlson Civil Suite 2020 overview webinar

A Virtual Webinar Using Carlson Civil Suite 2020 – Learn Carlson Civil Suite 2020 Overview Workflows

This webinar introduces Carlson Civil Suite 2020 through a broad That CAD Girl overview of the Carlson Survey, Civil, Hydrology, and GIS desktop products. The session demonstrates how the suite supports point management, Field-to-Finish drafting, surface modeling, deed and lot tools, road design, profile production, hydrology networks, and GIS-based imagery workflows.

Key Topics:

- Carlson Civil Suite 2020 product structure and licensing context
- Point import, CRD management, and Field-to-Finish drafting
- Surface creation, contours, deed entry, and lot layout tools
- Centerline, profile, road network, and template workflows
- Hydrology network modeling, sewer profiles, and GIS imagery

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This session was presented by Steve Cummings on 08/04/2020.

Overview of Carlson Point Cloud Software with Steve Cummings

A Virtual Webinar Using Carlson Software – Learn Carlson Edit Menu Tools for Faster CAD Cleanup

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.

Tips & Tricks to Recover Corrupt Drawings

A Virtual Webinar Using Carlson Software – 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.

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

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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 Carlson Software – Learn CAD Basics 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.

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 Point Creation and Stakeout Workflows

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 Point Creation and Stakeout Workflows

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 01/25/2018.

Features of Carlson Survey & Civil – Setting Points and Stakeout

A Virtual Webinar Using Carlson Software – Learn Point Creation and Stakeout Workflows

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.

Taking a Survey Project from Field to Plotted Sheet

A Virtual Webinar Using Carlson Software – Complete a Survey Project from Field to Plotted Sheet

This webinar from *That CAD Girl* guides surveyors through a full Carlson Survey workflow—from importing field data to producing a plotted sheet. It demonstrates how to configure settings, import and process points, draw boundaries from deeds, build surfaces, and prepare final deliverables.

Key Topics:

- Carlson Survey Configuration and Default Setup
- Point Import and Field-to-Finish Processing
- Entering and Editing Deed Descriptions (PDD Files)
- Deed Correlation, Alignment, and Translation to Survey Data
- Surface Modeling, Shrink-Wrap Entities, and Triangulation

- Annotating, Labeling, and Producing Final Map Sheets

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This session was presented by Jennifer DiBona on 01/15/2018.