Making Models From A Mess: Tools to Elevate 2D to 3D

A Virtual Webinar Using Carlson Survey – Learn a field to plotted sheet workflow

This Carlson webinar shows how to turn messy 2D design drawings into workable CAD files for staking and surface modeling. Jennifer demonstrates LandXML and Civil 3D conversion options, Drawing Cleanup, Layer Inspector, contour elevation tools, spot-elevation conversion, and practical 2D to 3D polyline workflows.

Key Topics:

- Working drawings for staking and surface modeling
- LandXML, Civil 3D, and DWG conversion options
- Drawing Cleanup and Layer Inspector workflows
- Contour, curb line, and building-pad elevation methods
- Spot elevations, nested blocks, and Carlson points

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 04/07/2020.

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 c ontext
- Point import, CRD management, and Field-to-Finish drafting
- Surface creation, contours, deed entry, and lot layout too ls
- Centerline, profile, road network, and template workflows
- Hydrology network modeling, sewer profiles, and GIS imager y

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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 comparison s
- Outside-file cleanup and conversion recommendations

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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.

Tips & Tricks in Carlson Civil

A Virtual Webinar Using Carlson Software – Learn to Improve Civil Workflows

This webinar provides an in-depth walkthrough of advanced productivity tools and hidden features in Carlson Civil, including Site Net, surface modeling, takeoff workflows, and profile utilities. It also covers pricing insights, training opportunities, and practical demonstrations for grading, topsoil calculations, and pipe depth summaries.

Key Topics:

- Carlson Civil Site Net and Takeoff functionality
- Surface modeling, subgrade, and topsoil workflows
- Profiles, best-fit tools, and labeling techniques
- Pipe depth summaries and slope analysis
- Converting spot elevations and data cleanup tips

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This session was presented by Jennifer DiBona on 10/13/2020.

Advanced Detention Pond Design

A Virtual Webinar Using Carlson Software – Learn to Create Surface Models

This webinar, hosted by That CAD Girl and presented by Mark Long of Carlson Software, provides an in-depth walkthrough of advanced detention pond design using Carlson Civil Hydrology 2020. It covers watershed setup, pre- and post-construction modeling, rainfall data integration, and automated pond sizing and routing.

Key Topics:

- Defining watershed layers and runoff coefficients
- Using SCS and rational methods for hydrology modeling
- Integrating USGS soils and NOAA rainfall data
- Designing detention ponds with Carlson’s 2020 tools
- Creating stage-storage and discharge files
- Configuring riser, barrel, weir, and orifice outlets
- Generating hydrographs and reports

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This session was presented by Mark Long on 03/12/2020.

What’s So Special About Carlson’s File Menu

A Virtual Webinar Using Carlson Software – Learn to Manage Project Files

This webinar explores the often-overlooked tools and workflows within Carlson Software’s File menu. It demonstrates how to use the Start Page, Drawings Map, publishing tools, import/export options, and cleanup utilities to improve CAD efficiency and data exchange.

Key Topics:

- Carlson Start Page and Drawings Map
- File management and publishing to PDF
- Importing/exporting LandXML and Civil 3D data
- Carlson Community and data sharing
- Drawing cleanup, geolocation, and eTransmit

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 05/27/2020.

What’s So Special About Carlson’s Annotate Menu

A Virtual Webinar Using Carlson Software – Learn to Streamline Annotation Workflows

This webinar explores Carlson Software’s Annotate Menu, demonstrating practical tools for labeling, dimensioning, and automating drafting tasks in survey and civil drawings. Jennifer DiBona (That CAD Girl) walks through real-world examples showing how to streamline annotation, manage object linking, and use time-saving commands.

Key Topics:

- Auto Annotate and object linking behavior
- Line and curve tables, label flipping, and re-annotation
- Survey Text tools (building dimensions, offset dimensions, joiner text)
- Labeling coordinates, slopes, and creating legends
- Tips for grids, spot elevations, and field-to-finish integ ration

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This session was presented by Jennifer DiBona on 09/24/2020.