

Working with Carlson Hydrology – Drafting Pipes & Structures

A Virtual Webinar Using Carlson Hydrology – Learn Drafting Pipes and Structures

This Carlson Hydrology webinar demonstrates how to draft storm sewer structures, pipes and profile views from surface and centerline data. It explains generic, road, sewer, pipe and crossing profiles; sewer network settings; plan labels; sewer profiles; invert controls; and saved setup files for repeatable hydrology drafting.

Key Topics:

- Hydrology profile types and grids
- Sewer network setup and defaults
- Pipe and structure creation
- Plan-view and profile labeling
- SNS and label-setting reuse

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

This session was presented by Jennifer DiBona on 02/23/2015.

If you're not using Land XML you should be (yes, all of you)

A Virtual Webinar Using LandXML – Learn to Exchange and Archive Project Data

This webinar hosted by Jennifer DiBona of That CAD Girl makes the case for LandXML as a non-proprietary format for moving and archiving survey and design data, with export and import shown in Carlson on IntelliCAD, Land Desktop and Civil 3D. LandXML.org founder Nathan Crews then explains how the schema came about, where agencies require it and what is coming in LandXML 2.0.

Key Topics:

- Why LandXML beats DWG, DXF and custom ASCII files for data exchange
- Data LandXML carries: points, surfaces, centerlines, profiles and more
- Exporting and importing LandXML in Carlson, Land Desktop and Civil 3D
- Archiving project data in a readable non-proprietary format
- DOT and government requirements for LandXML deliverables
- LandXML 2.0: styles, textures, stormwater data and field descriptions

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This session was presented by Jennifer DiBona and Nathan Crews on 09/17/2015.

Features of Carlson Survey, Civil, Construction and Takeoff – Surfaces, Grading & Volumes

A Virtual Webinar Using Carlson Software – Learn Surfaces Grading and Volumes

This Carlson Software webinar provides detailed instruction on grading, surface modeling and volume calculation tools in Carlson Civil, Survey, Construction and Takeoff. It walks through manual and automated workflows for pad grading, slope projection, volume balancing and integration with hydrology and RoadNet designs.

Key Topics:

- Manual and automated grading tools
- Building pads, surfaces and daylighting methods
- Earthwork volume balancing and cut/fill maps
- Surface merging and triangulation management
- Hydrology integration using merged TINs

- Advanced grading with retaining walls and basement examples

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This session was presented by Jennifer DiBona on 04/14/2015.

Deeds of Lots and Lots of Lots of Deeds

A Virtual Webinar Using Carlson Survey – Learn Carlson deeds lots

This webinar provides an in-depth demonstration of Carlson Software's tools for surveying, deed management and subdivision design. Topics include deed entry, deed correlation, creation of legal descriptions, lot layout and use of Carlson's LotNet feature to streamline subdivision design and labeling.

Key Topics:

- Entering and processing deed descriptions
- Deed correlation and editing deed files
- Legal Description Writer usage
- Area Layout and lot definition tools
- Automating subdivision layouts using LotNet
- Tips for managing Field-to-Finish settings and labels

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This session was presented by Jennifer DiBona on 04/09/2015.

Surfaces and Breaklines – the Basics

A Virtual Webinar Using Carlson Software – Learn Carlson surfaces webinar basics for breaklines and TINs

This webinar by That CAD Girl provides an introductory walkthrough of creating and editing surfaces within Carlson Software, explaining how triangulation, contours and breaklines work. It highlights common surface modeling problems, demonstrates best practices and shows how to avoid errors when building terrain models from points or contours.

Key Topics:

- Building and visualizing surfaces (TIN models)
- Importance and function of breaklines
- Differences between points and contours in surface creation
- Troubleshooting cross-contours, flat triangles and elevation mismatch
- Carlson's Field-to-Finish and triangulation tools

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This session was presented by Jennifer DiBona on 03/25/2015.

Intro to Carlson Software – Annotation, Surfaces, Centerlines and Profiles in Carlson

A Virtual Webinar Using Carlson Software – Learn Carlson profiles webinar workflows for surfaces and labels

This Carlson Software webinar teaches annotation, surface, centerline and profile fundamentals for civil and survey drawings. It connects drawing scale and text setup to contour labels, stationing, profile labels, TIN surfaces, break lines, centerline files and profile grids so users can produce more consistent design documentation.

Key Topics:

- Annotation scale and label setup
- Surface modeling with TIN files and breaklines

- Centerline definition and stationing
- Profile creation from surfaces
- Surface verification and contour-based modeling limits

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This session was presented by Jennifer DiBona on 01/08/2015.

Grading Tips & Tricks

A Virtual Webinar Using Carlson Software – Learn grading tips and tricks

This webinar provides hands-on grading tips and workflow efficiencies using Carlson Survey, Civil, Takeoff and Construction. It covers image importing, surface generation, pad design and useful commands for accurate terrain modeling and grading optimization in Carlson Software.

Key Topics:

- Building rough base maps using GIS imagery and elevation data
- Creating, clipping and merging terrain surfaces (TINs)
- Design Pad Template and balancing cut/fill calculations
- Generating contours, slope reports and color maps
- Elevating and labeling 3D polylines and building pads

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This session was presented by Jennifer DiBona on 12/09/2015.

Roadway Design with Carlson RoadNet

A Virtual Webinar Using Carlson RoadNet – Learn roadway design basics

This webinar provides a complete, step-by-step walkthrough of roadway design using Carlson RoadNet, covering surface creation, alignment and profile design, intersection management, cul-de-sacs and building-pad elevation. Attendees learn essential configuration, workflow and data-management practices that link linework with triangulated surfaces for efficient civil-site and subdivision design.

Key Topics:

- Carlson RoadNet configuration & object linking
- Surface creation from contours and triangulation
- Designing centerlines, profiles and templates
- Managing intersections, cul-de-sacs and networks
- Adding turn lanes via Template Point Centerlines
- Elevating building pads and lot lines using grading rules

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This session was presented by Jennifer DiBona on 12/08/2015.

Carlson Survey – Tips & Tricks

A Virtual Webinar Using Carlson Survey – Learn survey productivity tips

This recorded webinar from That CAD Girl covers powerful tips and tricks for using Carlson Survey, with demonstrations of commands shared across Carlson's civil and construction software lineup. Topics include data importing, surface modeling, field-to-finish workflows, profile generation and Google Earth integration.

Key Topics:

- Configuring Carlson Survey and enabling object linking
- Using Search Published Control and exporting to Google Earth
- Building and merging surfaces, shrink wrap entities and setting non-surface points
- Importing NED elevation data
- Generating profiles for roads, sewers and utility crossings
- Drawing, annotating and inspecting profiles

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This session was presented by Jennifer DiBona on 12/03/2015.

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

A Virtual Webinar Using Carlson Software – Learn setup configuration and points

This training webinar introduces new users to Carlson Software, focusing on configuration, project setup, drawing tools and point management. Participants learn how to establish consistent settings across projects, customize templates, manage coordinate files and apply best practices for field-to-finish workflows.

Key Topics:

- Carlson Software configuration and setup
- Project folder management methods
- Drawing and point file settings
- Layer templates and drawing scales
- Point attribute and symbol customization
- Tips for maintaining consistency across installations

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This session was presented by Jennifer DiBona on 12/01/2015.