Working with Carlson Hydrology – Drafting Pipes & Structures

A Virtual Webinar Using Carlson Hydrology – Learn storm sewer drafting for pipes and structures

This webinar introduces the process of drafting pipes and structures using Carlson Hydrology and related Civil tools. It covers creating sewer networks, profiles and surface interactions for accurate drainage and utility design workflows.

Key Topics:

- Drafting pipes and structures in Carlson Hydrology
- Drawing sewer networks and stormwater systems
- Surface interactions for drainage design
- Profile creation and labeling in Carlson Civil and Hydrology
- Drafting profiles for design documentation

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 12/19/2017.

Dirty Data Transfer between Carlson and other programs

A Virtual Webinar Using Carlson Software – Learn to Transfer Civil 3D Data into Carlson with LandXML

This webinar explains practical methods to exchange point, surface and project data between Carlson Software and Autodesk Civil 3D. It covers handling proxy entities, converting data formats and using LandXML files for reliable cross-platform interoperability.

Key Topics:

- Converting Civil 3D proxy entities (points and surfaces) i nto Carlson formats
- Understanding Civil 3D style dependencies when saving and sharing
- Using LandXML for cross-platform data exchange
- Exporting Civil 3D data to AutoCAD and implications of exp loded geometry

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 08/24/2017.

Coordinate Transformations & Localizations

A Virtual Webinar Using Carlson Software – Learn to Transform and Localize Coordinates for GPS Control

This recorded webinar features Jeremy Taylor demonstrating Carlson Software tools for performing coordinate transformation and localization tasks in both desktop and field applications. Attendees learn practical workflows for translating, rotating, aligning, scaling and localizing survey coordinates, as well as managing grid-to-ground adjustments in SurvCE/SurvPC.

Key Topics:

- Coordinate translation, rotation and alignment in Carlson Desktop tools
- Localization techniques in Carlson SurvCE / SurvPC
- Grid-to-ground scaling and field-to-finish workflows
- Coordinate file management and history tracking

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

This session was presented by Jeremy Taylor on 06/15/2017.

Centerlines, Profiles & Overview of RoadNet

A Virtual Webinar Using Carlson Software – Learn to Create Centerlines and Profiles and Design Roads with RoadNet

This webinar provides a complete tutorial on creating and managing centerlines and profiles in Carlson Civil and Survey, followed by a practical overview of the RoadNet module. Participants learn manual methods for building CL and PRF files, linking them to drawings and using RoadNet to automate roadway and subdivision design.

Key Topics:

- Creating and editing Centerline (CL) and Profile (PRO) files
- Managing stationing
- Linking CL files to drawings
- Generating profiles from surfaces
- RoadNet automation for multi-road networks
- Templates, intersections and cul-de-sacs in RoadNet

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This session was presented by Jennifer DiBona on 06/27/2017.

Centerlines, Profiles & Overview of RoadNet

A Virtual Webinar Using Carlson Software – Learn to Create, Station and Label Centerlines and Profiles

This webinar demonstrates how to manually create and edit centerlines and profiles in Carlson Survey and Civil, and then automates those tasks using Carlson RoadNet. Participants learn configuration settings, linking logic, drawing options and complete design-to-contours processing for connected roads and cul-de-sacs.

Key Topics:

- Manual centerline and profile creation
- Carlson Configure and object linking settings
- Editing and stationing centerlines
- Generating and labeling profiles (existing, road, sewer, c rossing)
- Building and processing roads with Road Net (templates, in tersections, cul-de-sacs, quantities)

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This session was presented by Jennifer DiBona on 01/17/2017.

Centerlines, Profiles & Overview of RoadNet

A Virtual Webinar Using Carlson Software – Learn to Create Centerlines and Profiles and Design Roads with RoadNet

This webinar by That CAD Girl provides a detailed walkthrough of creating centerlines, profiles and complete road networks in Carlson Civil. It demonstrates both manual methods and automated workflows using the Carlson RoadNet toolset for roadway design, grading and intersection management.

Key Topics:

- Creating and editing centerline and profile files
- Linking data through object linking and dynamic updates
- Designing roads and networks in Carlson RoadNet
- Building templates, intersections and cul-de-sacs
- Using reports for cut/fill and materials

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This session was presented by Jennifer DiBona on 09/13/2017.

Carlson GIS for Surveyors

A Virtual Webinar Using Carlson GIS – Learn to Import, Query and Label Shapefiles

This webinar introduces surveyors to GIS functionality within Carlson Software, covering the creation, import and management of GIS data sets, shapefiles and databases. It demonstrates practical workflows for integrating GIS with surveying workflows, including data labeling, querying and image retrieval.

Key Topics:

- Shapefile structure and components
- GIS data setup in Carlson (GIS file and database creation)
- Importing/exporting GIS and shapefile data
- Attribute-based layers, queries and labeling
- Working with aerial imagery and Google Earth integration
- Building GIS data from CAD drawings or Excel spreadsheets

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This session was presented by Jennifer DiBona on 04/11/2017.

Tips and Tricks with CAD and Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Manage DWG Files, Export to Google Earth and Clean Up Polylines

This webinar from *That CAD Girl* covers essential productivity tips and hidden features in Carlson and Autodesk tools, including TrueView, DWG Convert, Google Earth exports, polyline editing and layer library management. It provides practical demonstrations to help CAD professionals improve efficiency when handling DWG files, converting drawings and maintaining clean design data.

Key Topics:

- Autodesk TrueView and DWG Convert for DWG file management
- Exporting CAD drawings to Google Earth (KML/KMZ)
- Efficient polyline editing and cleanup in Carlson
- Managing standard layers using Carlson's Layer Library
- Handling complex or faulty blocks in imported drawings

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This session was presented by Jennifer DiBona on 11/21/2017.

Beyond Field to Finish – How to get the most out of SurvCE or SurvPC with Carlson Survey

A Virtual Webinar Using Carlson Software – Learn to Go Beyond Field to Finish Survey Workflows

This webinar, hosted by That CAD Girl and presented by Jeremy Taylor, demonstrates advanced workflows that move “Beyond Field to Finish” within Carlson Survey, SurvCE and SurvPC. It covers practical applications such as Carlson Cloud file sharing, tree survey automation, GIS data integration and efficient stakeout methods that streamline office-to-field operations.

Key Topics:

- Using Carlson Cloud for field-office data transfer
- Tree Survey setup and reporting with Field to Finish
- Applying GIS attributes through CRDB files
- Streamlined stakeout workflows using alignments and offsets

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

This session was presented by Jeremy Taylor on 02/16/2017.

Basics of Annotation In Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Set Up Text Styles and Auto Annotate Labels

This webinar provides a comprehensive walkthrough of annotation tools and workflows in Carlson Software, focusing on text styles, scaling, labeling and plot settings within CAD environments. Participants gain practical guidance on text management, auto-annotation, lot labeling and configuration tips for consistent and professional drawing output.

Key Topics:

- CAD text style management and scaling
- Auto Annotation and line labeling
- Lot and area labeling customization
- Annotate defaults and settings files (CFG, AAN, ARF)
- Carlson-specific tools like twist screen and survey text

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This session was presented by Jennifer DiBona on 01/05/2017.