

Case Study for a Sanitary Sewer Collection System

A Virtual Webinar Using Carlson Software – Learn to Design Sanitary Sewer Collection Systems

This webinar, hosted by That CAD Girl and presented by Travis Maxwell, provided a detailed case study on designing a sanitary sewer collection system using Carlson Software. The session covered practical workflows, from project setup and Google Earth integration to sewer network creation, labeling, and profile generation.

Key Topics:

- Carlson Sewer Network setup and configuration
- Exporting CAD data to Google Earth
- Sewer design workflow and profile creation
- Managing plan view and profile labels
- Troubleshooting and best practices

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

This session was presented by Travis Maxwell on 02/27/2025.

That CAD Girl

Some content on this website was prepared with AI assistance. Please verify important information with the manufacturer or

original source before making purchasing or financial decisions.

If you find the material on this website helpful, please consider supporting That CAD Girl by purchasing our products or services.

If you are interested in purchasing products or services we do not offer, we would love to refer you to one of our Trusted Partners. Please [click here](#) to send us a message with your request.

CAD Tips & Tricks – for AutoCAD and IntelliCAD

A Virtual Webinar Using AutoCAD and IntelliCAD – Improve CAD Block and Layer Workflows

This webinar, hosted by That CAD Girl, explored practical CAD tips and tricks for AutoCAD and IntelliCAD users, focusing on block management, layer control, and dimensioning best practices. The session also previewed upcoming training events and demonstrated how to manage and redefine blocks effectively across CAD platforms.

Key Topics:

- Working with blocks and layer zero behavior

- Managing and redefining blocks in messy drawings
- Using IntelliCAD Explorer and AutoCAD Design Center
- Creating tool palettes and exporting blocks
- Dimensioning techniques and text overrides
- Upcoming webinars and training sessions

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

This session was presented by Jennifer DiBona on 08/19/2025.

CAD and Carlson Tips & Tricks

A Virtual Webinar Using Carlson Software – Improve Deed Boundary Drafting

This Carlson CAD tips and tricks deed boundaries webinar virtual class, from *That CAD Girl* shows how to draft, troubleshoot, and label property boundaries more efficiently. Jennifer walks through both IntelliCAD and Carlson workflows, showing how to draft, troubleshoot, and label property boundaries efficiently.

Key Topics:

- Drawing and editing lines, arcs, and polylines in IntelliCAD
- Entering deed boundaries using CAD coordinates and Carlson deed tools
- Understanding coordinate systems (northing/easting vs.

X/Y)

- Processing and troubleshooting deed files for closure accuracy
- Automating lot labeling, area calculations, and setback creation

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

This session was presented by Jennifer DiBona on 10/15/2025.

CAD Tips and Tricks DIMStyles & Linetypes

A Virtual Webinar Using IntelliCAD or AutoCAD – Improve DIMStyles and Linetype Setup

This webinar explains how CAD users can effectively manage linetypes and DIMstyles across AutoCAD, IntelliCAD, and Carlson platforms. It covers scaling principles, file management, and customization techniques to ensure drawings plot correctly at any scale.

Key Topics:

- Understanding and editing .LIN linetype definition files
- Line type scaling (LTSCALE, PSLTSCALE, and PLINEGEN)
- Creating and managing custom linetypes with text

- Dimension style scaling and child styles for radius dimensions
- Best practices for plotting and template setup

This webinar was presented by That CAD Girl (Jennifer DiBona) on December 18, 2025 and lasted approximately 1 hour.

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

Civil 3D Surface from Points

A Virtual Webinar Using Civil 3D – Build Accurate Surface Models

This webinar, hosted by That CAD Girl and presented by Liz Valerio of CAD Masters, demonstrates how to create a Civil 3D surface from imported survey points by implementing Carlson surface modeling fundamentals. The session covers importing point data, organizing point groups, defining surfaces with breaklines and boundaries, and smoothing techniques for accurate terrain modeling.

Key Topics:

- Importing and managing survey points in Civil 3D
- Creating and refining a surface using point groups, breaklines, and boundaries
- Smoothing surfaces and contours for realistic terrain representation

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

This session was presented by Elizabeth Valerio on 04/10/2025.

Basics of Surface Modeling in Carlson Software

A Virtual Webinar Using Carlson Software – Build Accurate Surface Models

This webinar provides a detailed walkthrough of surface modeling fundamentals in Carlson Software, covering data inspection, triangulation, contour generation, and integration with external data sources. Attendees learn practical workflows for building accurate surfaces using points, breaklines, and field-to-finish automation.

Key Topics:

- Preparing and inspecting data for surface modeling
- Creating and refining TIN surfaces and contours
- Using breaklines and non-surface points
- Automating workflows with Field-to-Finish
- Integrating Google Earth and GIS imagery

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

This session was presented by Jennifer DiBona on 7/3/2025.

An Overview of NCS Layers And Drawing Templates

A Virtual Webinar Using AutoCAD and IntelliCAD – Learn to Standardize CAD Drawing Templates

This webinar provides a detailed walkthrough of the National CAD Standard (NCS) layer naming conventions and demonstrates how to implement them through drawing templates in AutoCAD, Civil 3D, and IntelliCAD. Attendees learn how to create, customize, and manage templates for consistent CAD standards across projects.

Key Topics:

- Overview of the National CAD Standard (NCS)
- Layer naming conventions and discipline designators
- Creating and customizing drawing templates (DWT files)
- Using templates in AutoCAD, Civil 3D, and Carlson
- Managing sheet templates and layout tabs

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

This webinar was presented by Jennifer DiBona, That CAD Girl, on 08/12/2026.

An Overview of Enhanced Productivity with MicroSurvey CAD

A Virtual Webinar Using MicroSurvey CAD – Improve Boundary and Cadastral Workflows

This webinar introduces MicroSurvey CAD Field to Finish, a survey-focused drafting solution designed to streamline boundary and cadastral workflows. James Johnston demonstrates setup, configuration, and advanced COGO tools that improve efficiency and accuracy for surveyors transitioning from general CAD platforms.

Key Topics:

- Introduction to MicroSurvey and its product ecosystem
- Configuring MicroSurvey CAD for boundary and cadastral work
- Demonstration of COGO tools, labeling, and lot closure features
- Integration with Leica Captivate and Starnet
- Upcoming webinars and product roadmap

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

This session was presented by James Johnston on 03/25/2025.

Carlson Field to Finish

A Virtual Webinar Using Carlson Software – Learn to Automate Survey Drafting

This webinar provided an in-depth overview of Carlson Software's **Field to Finish** feature, explaining how to automate the process of converting field survey data into CAD drawings. Jennifer demonstrated how to create and configure **FLD (Field Code) files**, associate them with **CRD (Coordinate) files**, and manage symbols, layers, and linework for efficient drafting. The session also covered upcoming training events, practical examples of field code setup, and advanced customization options for survey workflows.

Key Topics:

- Overview of Carlson Field to Finish concepts
- Creating and editing FLD (field code) files
- Managing point layers, symbols, and linework
- Using special codes and description formatting
- Building legends and plotting best practices

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

This session was presented by Jennifer DiBona, on 09/04/2025.

Survey Project from Start to Finish

Recorded 1/19/2023

This webinar, *Survey Project from Start to Finish*, walks through the complete process of managing a survey project using Carlson Survey 2023 within IntelliCAD. It covers data setup, importing field points, deed entry, correlation, field-to-finish processing, and final deliverables including maps, legends, and exports.

Key Topics:

- Carlson Survey configuration and project setup
- Importing and managing point data (CRD files, point groups)
- Deed entry, correlation, and boundary adjustment
- Field-to-Finish automation for drawing and labeling
- Exporting to Google Earth and creating final deliverables

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

This session was presented by Jennifer DiBona on 01/19/2023.