Standardizing CAD and Carlson

A Virtual Webinar Using Carlson Software – Learn to Standardize CAD Workflows

This webinar explores how Carlson Software operates on top of AutoCAD or IntelliCAD platforms and provides guidance for standardizing settings, configurations and layer structures across CAD environments. Participants learn to manage Carlson Configure, templates, layers and quick keys to ensure consistent and efficient drafting workflows.

Key Topics:

- Integration between Carlson Software and CAD platforms
- Managing default settings and configuration files (CFG, DWT, STA, LA)
- Creating individualized templates and layer libraries
- Customizing quick keys and command aliases
- Ensuring consistency across offices and field laptops

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

This session was presented by Jennifer DiBona on 02/28/2019.

Tips & Tricks to Recover Corrupt Drawings

A Virtual Webinar Using CAD – Learn to Recover Corrupt Drawings

This webinar by That CAD Girl shows how to clean up and recover corrupt DWG files using Carlson Survey on both AutoCAD and IntelliCAD. It covers fixes for drawings that still open but misbehave and for drawings so damaged they will not open at all, plus free Autodesk utilities that can repair files without opening them.

Although Carlson Software with IntelliCAD was used in this session and a few Carlson-specific commands are shown, the workflows are by and large the same for all AutoCAD or IntelliCAD based programs, and other programs will likely have their own version of those Carlson commands.

Key Topics:

- Purge, -Purge (Regapps, nested items and zero-length geometry) and Audit
- Wblock the entire drawing to a clean copy that keeps its layout tabs
- Recover and Recover All for drawings that will not open
- Insert as Exploded Block and restoring lost layouts with Design Center (AutoCAD) or Layer Control (Carlson IntelliCAD)
- Export to AutoCAD from Civil 3D for problem Civil 3D drawings
- DWG TrueView and DWG Convert to audit, purge and bind

- xrefs without opening files

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

This session was presented by Jennifer DiBona on 07/23/2019.

Jennifer’s Favorite Things in Carlson

A Virtual Webinar Using Carlson Software – Learn to Use Deed Entry, Polyline Editing and Field to Finish Tools

In this webinar, Jennifer DiBona of That CAD Girl shares her favorite productivity commands and workflows in Carlson Software. The session covers faster deed entry and legal descriptions, 2D and 3D polyline drawing and editing, Twist Screen and surface-building tips that reduce clicks and improve drafting efficiency.

Key Topics:

- Entering and processing deed descriptions
- Legal Description Writer from a boundary polyline
- 2D Polyline with right/left rotate and Extend by Distance
- Offset 3D Polyline to a surface slope for daylighting

- Twist Screen for rotated drawing views
- Non-surface points and shrink-wrap boundaries before building a surface

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

This session was presented by Jennifer DiBona on 02/20/2019.

The Very Basics of Carlson Field to Finish

A Virtual Webinar Using Carlson Software – Learn Field to Finish Basics

This webinar introduces the fundamental steps to setting up and using Carlson Field to Finish, covering FLD file creation, coding structures and practical workflows for processing survey data efficiently. The session provides hands-on instruction for linking field codes, points and layers to automate drawing production.

Key Topics:

- Overview of Field to Finish and FLD files
- Creating and editing field codes
- Layer and symbol management
- Using Draw Field to Finish vs. Draw Locate

- Managing point attributes and raw descriptions
- Using special codes for descriptive customization

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

This session was presented by Jennifer DiBona on 07/09/2019.

Site Project Grading from Start to Finish

A Virtual Webinar Using Carlson Software – Learn to Complete Site Grading

This webinar from *That CAD Girl* provides a complete walkthrough of grading a small site project—from setup to balanced design—using Carlson Civil Software. It demonstrates practical 3D data management, polyline conversions, surface creation and balancing methods essential for site design professionals.

Key Topics:

- Carlson Civil setup, configuration and linking settings
- Elevating polylines and creating 3D grading plans
- Grading workflow for building pads, curbs and parking lots
- Surface model creation, densification and balancing cut/fill volumes
- Visualization and verification of final design surfaces

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

This session was presented by Jennifer DiBona on 12/17/2019.

Mark’s Favorite Things in Carlson Desktop Software

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

This webinar, hosted by That CAD Girl and presented by Mark Long from Carlson Software, highlights Mark’s favorite time-saving features and techniques in Carlson’s desktop civil design tools. The session demonstrates practical workflows in Roadnet, cross-section generation, cul-de-sac design and the new 2020 utility network functions.

Key Topics:

- RoadNet tips for roadway design efficiency
- Intersection primary and secondary road settings
- Cul-de-sac and curb ramp customization
- Drawing and editing cross sections and profiles
- New 2020 Utility Network for gas, water and electric lines

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

This session was presented by Mark Long on 12/04/2019.

Site Project Grading from Start to Finish

A Virtual Webinar Using Carlson Software – Learn Site Project Grading from Start to Finish

This webinar provides a complete walkthrough of grading a small site project from start to finish using Carlson Civil. It demonstrates using 3D data commands, layer management, polyline editing, surface creation and daylighting techniques to produce a balanced, accurate site model.

Key Topics:

- Converting 2D elements to 3D polylines
- Building and modifying surfaces in Carlson Civil
- Applying slopes, offsets and elevations for pads, curbs and driveways
- Managing contours and ensuring positive drainage
- Using shrink-wrap entities, polyline utilities and 3D surface analysis

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

This session was presented by Jennifer DiBona on 01/16/2019.

Overview of Paper Space

A Virtual Webinar Using CAD – Learn to Set Up Paper Space

This webinar from That CAD Girl provides an in-depth walkthrough of paper space in CAD software. It teaches users how to set up layout tabs, create and manage viewports, set scale and handle plotting configurations for professional-grade drawings.

Key Topics:

- Understanding model space vs. paper space
- Creating and managing layout tabs and borders
- Working with viewports and plot scales
- Controlling visibility and layers per viewport
- Change Space command and layout management

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

This session was presented by Jennifer DiBona on 06/19/2019.

Overview of Carlson CADnet –

Working with Images & Converting to Linework

A Virtual Webinar Using Carlson Software – Learn to Convert Images to Linework

This webinar provides a detailed walkthrough of Carlson CAD Net's capabilities for converting and managing raster and vector files, digitizing scanned drawings, merging multiple plan sheets and importing/exporting BIM data. It shows how to efficiently transform PDFs and images into editable CAD linework for construction takeoffs and modeling.

Key Topics:

- Converting raster and vector PDFs to CAD linework
- Scaling and merging raster images and plan sheets
- Digitizing contours and features for takeoff and site mode ling
- Understanding raster vs. vector data differences
- Cleaning and vectorizing images for surface modeling

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

This session was presented by Jennifer DiBona on 05/16/2019.

Surface Modeling with the SiteNet & Takeoff Menus in Civil, Construction & Takeoff

A Virtual Webinar Using Carlson Software – Learn to Build Surfaces and Calculate Quantities with SiteNet and Takeoff

This detailed webinar explains how to use Carlson Software's SiteNet and Takeoff menus for layer-based surface modeling, material quantity takeoff and topsoil management. It walks users through setting up drawings, defining layers, creating surfaces and running reports for excavation, paving and earthwork calculations.

Key Topics:

- Carlson Civil/Construction SiteNet and Takeoff menus
- Setting up drawings for layer-based surface modeling
- Defining layers and surfaces (Existing vs. Design)
- Earthwork quantities and reports
- Subgrades for curb and pavement
- Topsoil management and replacement

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

This session was presented by Jennifer DiBona on 05/15/2019.