

# Fast Track to CAD and Carlson Software – Session #2-3 Recorded 3/30/2023

This training session from *That CAD Girl's* “Fast Track to CAD and Carlson” series demonstrates how to create and manage Carlson projects, import and edit points, configure templates, and set up paper space layouts for plotting. The instructor provides detailed, hands-on instruction for both new and experienced users to streamline CAD workflows and maintain data integrity.

## Key Topics:

- Creating new drawings and CRD (coordinate) files
- Importing and managing survey points
- Configuring text styles, templates, and point display settings
- Editing and protecting point data
- Using paper space, viewports, and plotting techniques

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

This session was presented by Jennifer DiBona on 03/30/2023.

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# Fast Track to CAD and Carlson

# Software – Session #2-2

## Recorded 3/30/2023

This training session continues the *Fast Track to CAD and Carlson* series, guiding new users through Carlson Software fundamentals. It focuses on managing text styles and scales, creating and customizing drawing templates, and understanding Carlson points and layer libraries.

### Key Topics:

- Carlson text sizing and scaling
- Template creation and National CAD Standard layers
- Carlson points, attributes, and layer management
- Using layer libraries for standardization

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This session was presented by Jennifer DiBona on 03/30/2023.

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# Fast Track to CAD and Carlson

## Software – Session #2-1

## Recorded 3/30/2023

This training session, led by That CAD Girl, provides an in-depth introduction to getting started with Carlson Civil Suite 2023 within IntelliCAD. The session covers setup, configuration, data management, and best practices for using Carlson software e

ffectively in CAD environments.

### **Key Topics:**

- Carlson Software setup and configuration
- Understanding CAD vs. Carlson environments
- Managing data, templates, and settings files
- Project folder structures and linking data
- Using Carlson Configure for default settings

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This session was presented by Jennifer DiBona on 03/30/2023.

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# **Fast Track to CAD and Carlson Software – Session #1-3 Recorded 3/28/2023**

This training session from *That CAD Girl's Fast Track to CAD and Carlson* series provides a detailed walkthrough of CAD layer management, entity properties, and drawing organization using AutoCAD and IntelliCAD. Participants learn how to create, modify, and manage layers, apply properties, use Carlson's enhanced layer tools, and work with blocks and external references.

### **Key Topics:**

- Understanding and managing CAD layers
- Layer properties: color, line type, and line weight
- Layer states: on/off, freeze/thaw, lock/unlock

- Carlson Layer Tools and IntelliCAD Explorer
- Blocks, symbols, and external references (Xrefs)

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This session was presented by Jennifer DiBona on 03/28/2023.

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# **Fast Track to CAD and Carlson Software – Session #1-2**

## **Recorded 03/28/2023**

This training session from *That CAD Girl* provides an in-depth introduction to CAD drafting fundamentals using IntelliCAD and Carlson software. It covers drawing and editing commands, precision drafting tools, object snaps, selection methods, and text creation for survey and design workflows.

### **Key Topics:**

- Drawing and editing entities (lines, circles, arcs)
- Object snaps (Osnaps/Esnaps) and precision drafting
- Selection methods and modify commands
- Fillet, trim, extend, and grip editing
- Polylines, explode/join, and text creation (single-line and multi-line)

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This session was presented by Jennifer DiBona on 03/28/2023.

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# Fast Track to CAD and Carlson Software – Session #1-1

## Recorded 3/28/2023

This session introduces beginners to the fundamentals of CAD environments and how Carlson Software integrates with AutoCAD and IntelliCAD. Participants learn about user interfaces, workspaces, command-line operations, and key differences between CAD platforms.

### Key Topics:

- CAD platforms used with Carlson (AutoCAD, IntelliCAD, OEM)
- User interface customization and workspaces
- Command-line usage and shortcuts (aliases)
- Carlson vs. CAD defaults and configuration
- Drafting tools, coordinate systems, and mouse controls

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This session was presented by Jennifer DiBona on 03/28/2023.

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# Fast Track with Carlson Civil

# **Suite and CADnet – Session #2-3**

## **Recorded 05/25/2023**

This training webinar provides a practical walkthrough of Carlson Civil Suite's Hydrology and CADnet modules, focusing on drafting storm-sewer networks, creating profiles, and converting or digitizing PDF and raster data into CAD. Participants learn how to manage surfaces, pipe networks, and image-to-CAD workflows for design and takeoff applications.

### **Key Topics:**

- Carlson Hydrology: storm-sewer network drafting and setup
- Sewer network profiles, surfaces, and pipe settings
- Carlson CADnet: converting PDFs and raster images to CAD
- Digitizing and scaling images for takeoff and modeling

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This session was presented by Jennifer DiBona on 05/25/2023.

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# **Fast Track to Carlson Civil Suite and CADnet – Session**

# #2-2

## Recorded 5/25/2023

This training session continues the *Fast Track to Carlson Civil Suite* series, focusing on creating and managing centerlines, profiles, and road networks using Carlson Civil and CADnet. Participants learn how to manually build alignments, profiles, and templates before automating workflows with Carlson's Road Network tools.

### Key Topics:

- Creating and managing centerlines and profiles
- Using Carlson configuration and project folder structures
- Building and editing road templates and networks
- Generating surfaces, cross sections, and earthwork volumes

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This session was presented by Jennifer DiBona on 05/25/2023.

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# Fast Track to Carlson Civil Suite and CADnet – Session #2-1

# Recorded 5/25/23

This training session provides an in-depth walkthrough of Carlson Civil Suite and CADnet tools, focusing on site grading, surface modeling, and the SiteNet module for quantity takeoff and surface management. Participants learned how to model proposed grading, manage surfaces, calculate volumes, and create subgrade and topsoil reports using Carlson Civil's advanced features.

## Key Topics:

- Site grading and 3D polyline modeling
- Surface creation and volume calculations
- Carlson Civil vs. Carlson Survey functionality
- SiteNet setup, layer management, and material quantity reporting
- Topsoil removal and replacement workflows

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This session was presented by Jennifer DiBona on 05/25/2023.

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## Fast Track to Carlson Civil Suite and CADnet – Session #1-3

# Recorded 5/23/23

This recorded training session from *That CAD Girl* provides a detailed walkthrough of surface modeling, annotation, and 3D data workflows in Carlson Civil Suite and CADnet. It covers best practices for building surfaces, checking elevation data, applying field-to-finish codes, and using 3D tools for grading and modeling efficiency.

## Key Topics:

- Building and validating surfaces from points and breaklines
- Using 3D Viewer and Shrink Wrap Entities for surface checks
- Field-to-Finish setup and non-surface point management
- Contour creation, labeling, and annotation techniques
- 3D data tools: elevating polylines, pad creation, and slope-based point generation

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This session was presented by Jennifer DiBona on 05/23/2023.