Making Models from a Mess – Carlson Tools to Elevate 2D Drawings to 3D for staking or surface models

A Virtual Webinar Using Carlson Software – Learn 2D to 3D Model Cleanup

This webinar from That CAD Girl demonstrates Carlson Software workflows for transforming messy 2D CAD drawings into accurate, intelligent 3D site models. It covers drawing cleanup, elevation of linework, handling survey data and organizing project files for modeling, staking and material calculations.

Key Topics:

- Converting 2D drawings into 3D polylines for modeling
- Cleaning and consolidating CAD data from outside sources
- Setting elevations, points and slopes in Carlson Civil and Takeoff
- Managing drawing scale, coordinate systems and Xrefs
- Building accurate working drawings for staking and surface modeling

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 10/05/2016.

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

A Virtual Webinar Using Carlson Software – Learn Carlson Software Setup and Points

This recorded webinar provides a detailed introduction to Carlson Software, covering initial setup, configuration, project folder structures, drawing creation and management of points and annotation. New users learn how to navigate settings, manage files effectively and customize Carlson defaults to fit their drafting and surveying workflows.

Key Topics:

- Getting started with Carlson Software configuration and bu ilds
- Project folder setup and data management
- Drawing setup, templates and annotation scales
- Point creation, display adjustments and text formatting
- Practical tips for survey and engineering drawings

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 10/03/2016.

Advanced Field to Finish – Perfecting Coding & Creating Linework

A Virtual Webinar Using Carlson Survey – Learn Advanced Field-to-Finish Workflows

This webinar provides an in-depth look at advanced Field to Finish functionality in Carlson Software, focusing on creating, editing and automating field codes, linework and symbol management for survey drafting. It demonstrates efficient workflow strategies for coding consistency, curve handling, offset polylines and bulk FLD management to streamline survey-to-drawing production.

Key Topics:

- Field code creation and normalization
- FLD file generation from CRD/ASCII data
- Spreadsheet editor for bulk code editing
- Advanced linework: sequential, nearest, curves, offsets
- Special codes: start/end, PC/PT, join, offset, close, jog

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This session was presented by Jennifer DiBona on 09/21/2016.

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

A Virtual Webinar Using Carlson Software – Learn Carlson Software Setup and Points

This introductory webinar provides new and returning Carlson Software users with a guided walkthrough of setup, configuration and project organization workflows. Jennifer DiBona demonstrates how to configure settings, manage templates, handle points, set annotation scales and maintain CAD standards using Carlson tools.

Key Topics:

- Carlson Configure and default settings management
- Project/Data folder organization methods (Drawing vs. Project folders)
- Template setup, drawing settings, annotation scaling
- Working with points, CRD files and point display
- Troubleshooting symbol size issues and quick fixes
- 2D/3D drawing behavior and useful Carlson CAD tools

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This session was presented by Jennifer DiBona on 09/01/2016.

Overview of Carlson GIS

A Virtual Webinar Using Carlson GIS – Learn to Import, Edit and Query Shapefile Data

This webinar provides a complete overview of Carlson GIS, demonstrating how to import shapefiles, manage databases, create and edit GIS data within Carlson software and integrate aerial imagery and Google Earth. It also shows how to build custom GIS projects for parcels and trails using real examples and attribute management.

Key Topics:

- Importing and interpreting shapefiles (SHP, SHX, DBF, PRJ)
- Setting up GIS Features Files and databases
- Editing and querying GIS data
- Using Inspector, labeling, colorizing and legends
- Integrating ArcGIS and Google Earth imagery
- Creating parcel and trail systems from scratch

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This session was presented by Jennifer DiBona on 09/13/2016.

(little bit of) Surfaces, Centerlines and Profiles

A Virtual Webinar Using Carlson Software – Learn to Merge NED Surfaces and Draw Road, Sewer and Crossing Profiles

This webinar by That CAD Girl shows how to build and merge surfaces, create centerlines and draw profiles in Carlson Survey 2017. It covers checking field-to-finish data before triangulating, merging survey data with National Elevation Dataset terrain, linking polylines to centerline files and building existing ground, road, sewer and pipe crossing profiles on one grid.

Key Topics:

- Reviewing elevations with the 3D Viewer and Layer Inspector plus Shrink-Wrap Entities and non-surface points
- Triangulate and Contour settings, saved TRI settings files and Contour from TIN File
- Importing National Elevation Dataset (NED) data and merging TINs with Triangulation File Utilities
- Polyline to Centerline File with object linking, stationing, editing and centerline points for stakeout
- Profiles from a TIN with the profile editor, reference profiles and Draw Profile grid settings
- Road, sewer and pipe crossing profile types with K-value vertical curves, manholes and on-grid labeling

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ve been AI-generated and may contain errors.

This session was presented by Jennifer DiBona on 09/07/2016.

Traverse Adjustment with Carlson Survey

A Virtual Webinar Using Carlson Survey – Learn Traverse Adjustment Workflows

This webinar provides a hands-on walkthrough of performing traverse adjustments in Carlson Survey, covering raw data processing, file management and adjustment methods such as compass rule and angle balance. Hosted by That CAD Girl, the session features Jeremy Taylor demonstrating step-by-step workflows using Carlson's raw data editor.

Key Topics:

- Editing and processing raw survey data files
- Display customization and color coding for clarity
- Performing compass and angle balance adjustments
- Managing coordinate and raw files safely
- Reporting, error analysis and best practices

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

This session was presented by Jeremy Taylor on 08/18/2016.

Overview of Carlson CADnet – Working with Images & Converting to Linework

A Virtual Webinar Using Carlson CADnet – Learn PDF and Image Conversion

This webinar provides an in-depth overview of Carlson CADnet, demonstrating how to convert paper plans, PDFs and images into usable CAD files. It covers functions like raster-to-vector conversion, PDF import settings, image merging and digitizing tools within Carlson's Takeoff and Civil Suites.

Key Topics:

- Importing and converting PDFs and raster images
- Heads-up digitizing techniques and scaling
- Image merging and surface export functions
- Differences between raster and vector PDFs
- Practical examples using CADnet for contour, spot and building digitization

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This session was presented by Jennifer DiBona on 08/16/2016.

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

A Virtual Webinar Using Carlson Software – Learn Carlson Software Setup and Points

This introductory Carlson Software webinar walks new users through essential configuration steps in Carlson 2017, including general settings, project setup, drawing templates and point management. The session also explains key concepts like folder structures, builds and updates, drawing scales and annotation sizing to help users establish consistent CAD standards.

Key Topics:

- Carlson Software 2017 overview & free technical support
- Settings configuration (General, Project & Data Folders, D rawing Setup)
- Workflow for templates (DWT files) and scaling
- Point creation, labeling and management
- Working with drawings, symbols and snapping tools

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 08/03/2016.

Deeds of Lots and Lots of Lots… Deed Entry & Correlation, Legal Description Writer & More

A Virtual Webinar Using Carlson Survey – Learn Deed and Lot Workflows

This webinar from That CAD Girl provides a detailed tutorial on working with deeds, boundaries and lot layouts using Carlson Software. It covers deed entry, deed correlation, lot labeling, setback drawing, legal description creation and Lot Net workflows for land development.

Key Topics:

- Entering and processing deed descriptions
- Correlating deed data to survey points
- Creating lot boundaries, setbacks and legal descriptions
- Using Lot Net for automated subdivision layout
- Managing lots and deed files for reporting

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This session was presented by Jennifer DiBona on 07/19/2016.