2024 Virtual Workshops – Session #1-3 Recorded 11/19/2024

This Carlson Software virtual workshop focused on using Carlson Point Cloud and Photo Capture tools to process drone and LiDAR data for surveying and mapping. Doug demonstrated workflows for creating, cleaning, classifying, and extracting data from point clouds to produce accurate surfaces, contours, and CAD deliverables.

Key Topics:

- Carlson Photo Capture (cloud and standalone versions)
- Importing and managing LAS point cloud data
- Bare Earth filtering and classification
- Creating coordinate points, polylines, and surfaces
- Automated feature extraction (curbs, parking lines, paint stripes)
- Integration with CAD and field-to-finish workflows

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

This session was presented by Doug Aaberg on 11/19/2024.

2024 Virtual Workshops –

Session #1-2
Recorded 11/19/2024

This virtual workshop, led by Doug Oberg of Carlson Software, provided a detailed walkthrough of the Carlson GIS module, demonstrating how to import, manage, and utilize public GIS data within Carlson Survey and Civil. The session also covered creating GIS feature files, collecting field attributes, and integrating imagery and LIDAR data to enhance survey projects.

Key Topics:

- Importing and configuring GIS data in Carlson Survey and GIS modules
- Creating feature and database files for attribute collection
- Using public data sources (MassMapper, NOAA LIDAR, FEMA, soils, wetlands)
- Labeling and managing GIS attributes in drawings
- Integrating Google Earth and GeoMap imagery
- Field data collection with Carlson SurvPC and Field-to-Finish setup

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

This session was presented by Mark Long on 11/19/2024.

2024 Virtual Workshops – Session #1-1 Recorded 11/19/2024

This session kicked off the 2024 Virtual Workshops hosted by That CAD Girl, providing an introductory overview of Carlson Software and its CAD environments. The training covered setup, configuration, data management, and practical demonstrations of key Carlson tools for survey, civil, and land development workflows.

Key Topics:

- Carlson Software overview and interface setup
- IntelliCAD vs. AutoCAD platform options
- Managing configuration and project folders
- Importing Civil 3D and LandXML data
- Deed entry, lot layout, and subdivision design
- Field-to-Finish workflows and 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 11/19/2024.

Introduction to Carlson Software – Settings, Setup,

Configuration & Points Recorded 4/2/2024

This introductory Carlson Software webinar provides a comprehens ive walkthrough of configuring settings, managing data folders, creating templates, and working with points in Carlson 2024. Par ticipants learn how to customize their CAD environment, optimize project organization, and apply consistent standards across dra wings.

Key Topics:

- Carlson Software interface and configuration setup
- Managing data folders, templates, and default settings
- Importing and editing points in Carlson CAD environment

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 04/02/2024.

Intro to Carlson Software: Settings, Setup, Configuration and Points

Recorded 1/5/2024

This introductory Carlson Software webinar, hosted by That CAD Girl, walks new users through setting up and configuring Carlson 2024 on IntelliCAD 11.1. The session covers interface customization, project folder organization, default settings, templates, and importing survey points for practical CAD use.

Key Topics:

- Carlson 2024 installation and IntelliCAD 11.1 platform overview
- User interface setup: ribbons, menus, and toolbars
- Project and data folder configuration (drawing vs. project folder)
- Carlson Configure defaults and settings management
- Template drawings (DWT) and layer standards
- Importing and displaying survey points (CRD files)
- Managing builds, updates, and tech support

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

This session was presented by Jennifer DiBona on 01/05/2024.

Grading Tips & Tricks in

Carlson Software Recorded 5/22/2024

This webinar provides a comprehensive walkthrough of grading workflows in Carlson Software, focusing on site grading, building pads, retaining walls, and surface modeling. Attendees learn practical tips for using Carlson Civil and related modules to efficiently create, edit, and balance grading designs.

Key Topics:

- Building pad creation and elevation methods
- Using 3D Polyline Offset, Design Pad Template, and Surface Inspector
- Volume calculations and cut/fill color maps
- Retaining wall modeling and surface merging
- 2D-to-3D Polyline conversion and labeling 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 05/22/2024.

Features of Carlson Survey &

Civil: Setting Points and Stakeout
Recorded 1/11/2024

This webinar, hosted by That CAD Girl, explores advanced features in Carlson Survey and Carlson Civil for creating, managing, and staking out points. The session demonstrates practical workflows for field-to-finish code usage, point creation from entities, and interpolation tools to streamline survey and design tasks.

Key Topics:

- Field-to-Finish (FLD) file setup and usage
- Point creation, configuration, and linking behavior
- Creating points from entities and GIS data
- Building offsets, envelopes, and interpolation methods

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

This session was presented by Jennifer DiBona on 01/11/2024.

Dynamic Blocks for the

Engineer and Surveyor Recorded 10/23/2024

This webinar, *Dynamic Blocks for the Engineer and Surveyor*, presented by Carlson CAD Solutions, provides an in-depth tutorial on creating and using dynamic blocks in IntelliCAD 12.1. The session covers setup, parameters, actions, and advanced applications for engineers and surveyors seeking to streamline CAD workflows.

Key Topics:

- Introduction to Dynamic Blocks in IntelliCAD 12.1
- Creating and customizing toolbars for block editing
- Using parameters, actions, and visibility states
- Associative hatching and dimensioning
- Practical engineering applications (e.g., outlet structures, scale bars)

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

This session was presented by Travis Maxwell on 10/23/2024.

Fast Track to Carlson Takeoff – Session #2-3

Recorded 01/25/2024

This recorded training session covers advanced techniques in Carlson Takeoff, focusing on digitizing, scaling, and building accurate 3D surfaces from 2D plans. The instructor demonstrates practical workflows for importing PDFs, setting control points, creating layers, and elevating linework for construction takeoff and modeling.

Key Topics:

- PDF import and scaling setup
- Layer management and control points
- Digitizing contours, curbs, and building pads
- Elevating 2D polylines to 3D
- Modeling surfaces and managing breaklines

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

This session was presented by Jennifer DiBona on 1/23/2024.

Fast Track to Carlson Takeoff – Session #2-2
Recorded 01/25/2024

This training session provides an in-depth walkthrough of Carlson Takeoff's Trench and CADNet modules, demonstrating how to input trench networks, create templates, calculate quantities, and import or process PDFs for takeoff and

modeling. The instructor also covers practical workflows for co nverting raster and vector data, merging images, and extracting linework from PDFs for construction modeling.

Key Topics:

- Carlson Trench Module setup and workflow
- Creating trench templates and calculating trench quantitie s
- Understanding raster vs. vector PDFs
- Using CADNet to import, merge, and convert PDFs
- Extracting linework and spot elevations for 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 1/25/2024.