Using Carlson GIS for Base Mapping
Recorded 5/27/2021

This webinar demonstrates how to use Carlson GIS tools for creating survey base maps by integrating publicly available GIS, LiDAR, and imagery data. Doug Oberg walks through importing shape files, labeling parcels, adding contours, and overlaying aerial imagery to produce accurate, data-rich base plans.

Key Topics:

- Importing and managing GIS shape files
- Creating and labeling parcel base maps
- Integrating LiDAR, contour, and imagery data

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

This session was presented by Doug Aaberg on 05/27/2021.

Tips & Tricks to Recover Corrupt Drawings

Recorded 2/9/2021

This webinar by That CAD Girl provides practical guidance on recovering and repairing corrupt DWG files using AutoCAD, IntelliCAD, and Carlson Software tools. It covers essential commands, troubleshooting workflows, and Autodesk utilities to restore damaged drawings efficiently.

Key Topics:

- Using PURGE, AUDIT, and WBLOCK commands to clean drawings
- Recovering inaccessible DWG files with RECOVER and RECOVER ALL
- Leveraging DWG TrueView and DWG Convert for file repair and version conversion
- Handling Civil 3D files and registered applications
- Managing layouts and Xrefs during recovery

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This session was presented by Jennifer DiBona on 02/09/2021.

Survey Project from Field to Plotted Sheet

Recorded 1/12/2021

This webinar demonstrates a complete Carlson Survey workflow, showing how to take raw field data through coordinate file creation, deed entry, surface modeling, and final sheet plotting. It covers practical commands, configuration tips, and troubleshooting steps for surveyors using Carlson 2020/2021 on IntelliCAD.

Key Topics:

- Carlson configuration and project setup
- Importing and managing point data (CRD files)
- Deed entry, correlation, and legal description tools
- Field-to-Finish automation and surface creation
- Plotting, labeling, and sheet preparation

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This session was presented by Jennifer DiBona on 01/12/2021.

Surfaces and Breaklines – the Basics

Recording 1/19/2021

This webinar introduces the foundational concepts of surface modeling and breaklines in Carlson Civil and Takeoff. It covers how to prepare data, build accurate surfaces, use breaklines effectively, and avoid common pitfalls when working with contours and triangulated irregular networks (TINs).

Key Topics:

- Surface modeling fundamentals in Carlson Civil/Takeoff
- Using 3D Viewer and Shrink Wrap Entities
- Managing non-surface points and breaklines
- Field-to-Finish automation
- Combining and exporting surface data

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This session was presented by Jennifer DiBona on 01/19/2021.

SiteNet & Takeoff Menus In Carlson Civil, Construction & Takeoff, Recorded 1/27/2021

This webinar provides a detailed walkthrough of surface modeling and material takeoff workflows using Carlson Civil and Construc

tion’s SiteNet and Takeoff menus. Jennifer DiBona explains how to prepare clean CAD layers, define surfaces, calculate volumes, and generate material quantity reports for accurate construction estimating.

Key Topics:

- Layer management and cleanup for surface modeling
- Defining existing and design surfaces in SiteNet
- Setting up subgrade, topsoil, and boundary polylines
- Calculating cut/fill volumes and material quantities
- Visual verification and troubleshooting techniques

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This session was presented by Jennifer DiBona on 01/27/2021.

Project Case Study-Using Carlson Takeoff For Quantities and Surface Modeling Recorded 5/26/2021

This webinar features Ashton Carey of Terrain Technology demonstrating how to use Carlson Takeoff for quantity calculations and surface modeling in a real-

world project. The session covers drawing cleanup, layer management, surface creation, and exporting data for machine control applications.

Key Topics:

- Carlson Takeoff workflow for grading and quantity estimation
- Drawing cleanup and layer management in AutoCAD/IntelliCAD
- Creating and verifying existing and proposed surfaces
- Topsoil removal and subgrade adjustments
- Exporting data for machine control (Topcon, Leica)

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

This session was presented by Ashton Cary on 05/26/2021.

Practical LotNet in Carlson Software
Recorded 10/14/2021

This webinar, hosted by That CAD Girl and presented by Mark Long, provides a detailed walkthrough of Carlson Software's LotNet tools for practical subdivision layout design. The session covers setup, configuration, and efficient workflows for creating, labeling, and adjusting residential lots using Carlson's automation

features.

Key Topics:

- Practical use of LotNet for subdivision design
- Setting up boundaries, right-of-way, and lot edges
- Automating lot labeling, numbering, and setbacks
- Adjusting lot layouts and cleaning linework
- Tips for efficient and profitable subdivision planning

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This session was presented by Mark Long on 10/14/2021.

Overview of Carlson Point Clouds Using PhotoCapture Recording 5/20/2021

This webinar provides a detailed demonstration of Carlson Photo Capture and Carlson Point Cloud software, showcasing how drone imagery and LiDAR data can be processed into accurate 3D surfaces for site design. The session covers workflows, pricing models, and integration with Carlson Precision 3D and hydrology tools.

Key Topics:

- Carlson Photo Capture setup and workflow

- Carlson Point Cloud processing and editing tools
- Integration with Precision 3D and hydrology modeling
- Kentucky LIDAR data access and usage
- Surface creation, breaklines, and stormwater design

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This session was presented by Steve Cummings on 05/20/2021.

Overview of Carlson Field to Finish
Recorded 3/10/2021

This webinar provides a step-by-step introduction to Carlson Sof tware's Field to Finish workflow, showing how to configure FLD f iles, process survey points, and generate automatic linework and symbols. Attendees learn how to move from raw field data to a c lean, layered drawing ready for mapping or surface modeling.

Key Topics:

- Introduction to Field to Finish concepts
- Comparison with Land Desktop / Civil 3D description keys
- Creating and editing FLD files
- Managing point layers, symbols, and linework
- Using special codes and linework automation
- Handling 2D vs 3D polylines and breaklines

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 03/10/2021.

More Surfaces: Volumes, Editing & Display Tips & Tricks
Recorded 10/12/2021

This webinar, hosted by That CAD Girl, provides an in-depth walkthrough of Carlson Software's surface modeling tools, including creating, editing, and analyzing surfaces, volumes, and contours. Jennifer demonstrates practical workflows for managing TIN files, comparing surfaces, and visualizing data in 3D for civil and survey applications.

Key Topics:

- Working with TIN files and surface visualization
- Creating and editing surfaces, contours, and boundaries
- Volume calculations and cut/fill analysis
- Integrating GIS and elevation data
- Practical Carlson Civil and Survey tips

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This session was presented by Jennifer DiBona on 10/12/2021.