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.

Fast Track to Carlson Takeoff – Session #2-1

Recorded 1/25/2024

This session is the second day of the FastTrack Carlson Takeoff training series led by That CAD Girl. It covers advanced CAD cleanup, elevation management, geotechnical data entry, and coordinate alignment workflows in Carlson Takeoff.

Key Topics:

- Drawing cleanup and layer management
- Elevation correction and contour preparation
- Handling PDF imports and block cleanup
- Converting spot elevations to Carlson points
- Translating and aligning coordinates
- Introduction to Geotech and Trench modules

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

This session was presented by Jennifer DiBona on 1/25/2024.

Fast Track to Carlson Takeoff – Session #1-3 Recorded 1/23/2024

This FastTrack Carlson Takeoff training session focuses on creating, cleaning, and preparing a working drawing for takeoffs and surface modeling using Carlson Software. The instructor demonstrates best practices for managing CAD data, cleaning imported files, handling Civil 3D and LandXML data, and preparing accurate 3

D models for construction and machine control.

Key Topics:

- Creating and managing a “working drawing” in Carlson
- Cleaning and importing CAD and Civil 3D data
- Using Drawing Cleanup and Layer Inspector
- Managing Xrefs, layouts, and scaling
- Elevating polylines and preparing 3D models

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 1/23/2024.

Fast Track to Carlson Takeoff, Session #1-2 Recorded 1/23/2024

This webinar session from *That CAD Girl’s Fast Track Carlson Tak eoff* series demonstrates advanced takeoff and modeling workflows in Carlson Takeoff Suite and Carlson Civil. It covers material quantity reporting, topsoil removal and replacement, surface ins pection, XML export for machine control, and 2D-to-3D polyline e levation techniques.

Key Topics:

- Material quantity and volume reporting in Carlson Takeoff
- Topsoil removal/replacement setup and surface logic
- Surface Inspector and surface file management (EX, FG, SG)

- Exporting surfaces to LandXML, TIN, and Topcon formats
- Cut/fill color maps, quick profiles, and 3D drive simulations
- Elevate / 3D Data tools for converting 2D to 3D polylines

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 #1-1 Recorded 1/23/2024

This introductory FastTrack Carlson Takeoff training session explains the structure of the six-part course, the GoToWebinar controls, and the differences among Carlson Takeoff Suite, Construction, Civil, CAD Net, Trench, and GeoTech. Participants learn how to prepare clean working drawings, organize layers, and build surfaces for quantity takeoffs and earthwork modeling.

Key Topics:

· Overview of Carlson Takeoff Suite modules and platform options

· GoToWebinar controls and class format

· File and layer organization for takeoff projects

· Using IntelliCAD vs. embedded AutoCAD versions

· Creating and cleaning working drawings for quantity takeoffs

· Defining layers, materials, and subgrades for 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 1/23/2024.

Designing in Steep Terrain with Carlson Civil Recorded 1/29/2024

This webinar, *Designing in Steep Terrain with Carlson Civil*, presented by Travis Maxwell, explores practical techniques for designing roads and grading projects on steep slopes using Carlson Civil's RoadNET tools. It covers terrain modeling, template setup, drainage considerations, and workflow optimizations for mountainous or hilly environments.

Key Topics:

- Road design strategies for steep terrain
- Carlson Civil RoadNET templates and transitions
- Surface modeling and grid optimization
- Drainage and erosion control on steep slopes
- Practical grading and construction considerations

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

This session was presented by Travis Maxwell on 01/29/2024.

Deeds of Lots and Lots of Lots in Carlson Software Recorded 6/11/2024

This webinar demonstrates how to create, edit, and manage property deeds and lot layouts using Carlson Survey and Carlson Civil. It covers deed entry, correlation with field data, legal description generation, and automated lot design through the Lot Network module.

Key Topics:

- Entering and processing deed descriptions
- Deed correlation with surveyed points
- Creating and labeling lot files
- Using Lot Network for automated subdivision design

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

This session was presented by Jennifer DiBona on 06/11/2024