

2022 Virtual Workshops 3-1 Carlson Software Showcase Overview of Carlson Recorded 11/29/2022

This Carlson Software virtual workshop, led by Scott Griffin, introduced users to new and existing features in Carlson 2023, including Drawing Cleanup, Field to Finish utilities, CADnet, and BIM integration. The session emphasized workflow efficiency, data cleanup, and 3D modeling enhancements for surveyors, engineers, and CAD professionals.

Key Topics:

- Drawing Cleanup and CAD file optimization
- Field to Finish updates and symbol management
- CADnet tools for PDF and BIM integration
- Wall Polyline Profile Editor and 3D modeling
- Subdivision layout automation and reporting

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

This session was presented by Scott Griffin on 11/29/2022.

2022 Virtual Workshops 1-3 –

Introduction to CAD

Recorded 11/15/2022

This virtual workshop session from That CAD Girl's 2022 series provides an in-depth tutorial on CAD line types, line-type scales, and paper-space layout management in Carlson and IntelliCAD. Attendees learned how to create, edit, and manage custom line types, control scaling across model and paper space, and use viewports effectively for plotting.

Key Topics:

- Creating and editing custom line types (.LIN files)
- Managing line-type scales (LTscale, PSLTscale, Plinegen)
- Using paper space, layouts, and viewports
- Handling text orientation and rotation flags
- Managing layers and visibility across multiple viewports
- Carlson-specific tools and troubleshooting

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This session was presented by Jennifer DiBona on 11/15/2022.

2022 Virtual Workshops 1-2, Introduction to CAD

Recorded 11/15/2022

This virtual CAD workshop session covers foundational and intermediate concepts in IntelliCAD and AutoCAD, focusing on layers, properties, symbols, dimension styles, and drawing templates. Participants learned how to manage visibility, organize drawings, create reusable blocks, and apply national CAD standards for consistent project setup.

Key Topics:

- Layer management and visibility control
- Properties toolbar and entity editing
- Symbols, blocks, and WBLOCK creation
- Dimension styles and scaling
- National CAD Standards and template setup

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This session was presented by Jennifer DiBona on 11/15/2022.

2022 Virtual Workshops 2-3 – Introduction to Carlson Recorded 11/17/2022

This session from the 2022 Carlson Virtual Workshops provides a detailed, walkthrough of Carlson Survey tools, including symbol insertion, field-to-finish workflows, surface creation, GIS imagery, annotation, legends, title blocks, and plotting.

Participants learn practical CAD techniques for producing professional survey drawings and managing multi-sheet plan sets efficiently.

Key Topics:

- Carlson Survey commands and workflows
- Field-to-Finish, surfaces, and contour generation
- GIS imagery integration and plotting automation

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This session was presented by Jennifer DiBona on 11/17/2022.

2022 Virtual Workshops 2-2 – Introduction to Carlson Recorded 11/17/2022

This virtual training session introduces participants to Carlson Software's CAD tools, focusing on annotation settings, drawing templates, point management, and survey project workflows. Instructor Jennifer DiBona demonstrates practical commands and configuration strategies to standardize drafting and survey processes within Carlson.

Key Topics:

- Auto Annotate, Scalers, and Annotation Defaults
- Drawing Templates and Layer Libraries
- Importing and Managing Points (CRD files)

- Deed Entry, Translation, and Correlation Tools
- Survey Project Workflow and Best Practices

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This session was presented by Jennifer DiBona on 11/17/2022.

2022 Virtual Workshops 2-1 – Introduction to Carlson Recorded 11/17/2022

This virtual workshop introduces participants to Carlson Software 2023, focusing on setup, configuration, and best practices for new users. The session covers installation, interface customization, project folder organization, and annotation standards within Carlson Survey and IntelliCAD environments.

Key Topics:

- Carlson 2023 installation and version updates
- Interface setup and configuration (menus, ribbons, toolbars)
- Managing projects, data folders, and settings
- Understanding Carlson vs. CAD commands
- Annotation, text scaling, and drawing setup

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This session was presented by Jennifer DiBona on 11/17/2022.

Beyond the Basics-Advanced Layout and Grading Techniques With Carlson Software Follow Up 1-3 Recorded 08/09/2022

This follow-up training session for *Beyond the Basics: Advanced Layout and Grading Techniques* with Carlson Software dives deeper into SiteNet workflows, pad grading, and dynamic surface modeling. Travis demonstrates practical grading tools, troubleshooting tips, and efficient methods for balancing earthwork and managing contour updates.

Key Topics:

- SiteNet boundaries vs. areas of interest
- Dynamic contour updates and reprocessing
- Pad Grade workflows and balancing techniques
- Layer management and display settings
- Driveway and surface grading best practices

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This session was presented by Travis Maxwell on 08/09/2022.

Beyond the Basics-Advanced Layout and Grading Techniques With Carlson Software 1-2 Recorded 08/03/2022

This advanced Carlson Software training session demonstrates how to integrate RoadNet, LotNet, and SiteNet for efficient site design, grading, and earthwork balancing. Travis provides step-by-step instruction on creating entrances, managing templates, grading driveways, and dynamically adjusting surfaces for balanced cut/fill results.

Key Topics:

- Integrating RoadNet, LotNet, and SiteNet for coordinated grading
- Creating and editing road and entrance templates
- Dynamic surface editing and balancing earthwork
- Driveway and building pad elevation control
- Using SiteNet for cost estimation and surface management

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This session was presented by Travis Maxwell on 08/03/2022.

Beyond the Basics-Advanced Layout and Grading Techniques With Carlson Software 1-1 Recorded 08/03/2022

This webinar introduces advanced subdivision layout and grading workflows in Carlson Software, focusing on Lot Net, Road Net, and Site Net integration. Attendees learn how to automate residential subdivision design, apply sheet sets, and manage 3D grading for efficient plan production.

Key Topics:

- Carlson Lot Net, Road Net, and Site Net workflows
- Sheet Set Manager setup and custom fields
- Layer management and naming conventions
- Automated lot subdivision and grading logic
- Road Network intersections, cul-de-sacs, and roundabouts
- Template creation, transitions, and 3D line generation
- Earthwork balancing and site modeling

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This session was presented by Travis Maxwell on 08/03/2022.

2023 Virtual Workshop – Session #4-4 Recorded 12/06/2023

This virtual Carlson Software workshop demonstrates advanced SiteNet workflows for calculating material and dirt quantities, managing topsoil removal and replacement, and performing drawing cleanup and 2D-to-3D data conversion. The session provides practical guidance for preparing accurate takeoff models and cleaning complex CAD drawings for construction and civil design.

Key Topics:

- Carlson SiteNet volume and material reports
- Topsoil removal and replacement setup
- Surface Inspector and Surface Tools
- 2D-to-3D Polyline conversion methods
- Drawing Cleanup and Layer Management
- LandXML export and machine control files

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This session was presented by Jennifer DiBona on 12/06/2023.