

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

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

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

Site Selection and Feasibility Studies Using Carlson Software

Session Follow Up 1-3

Recorded 07/19/2022

This follow-up webinar, led by Travis and hosted by That CAD Girl, provided an in-depth demonstration of Carlson Software tools for site selection and feasibility studies. The session focused on residential lot grading, cost estimation, and advanced use of Road Net, Lot Net, and SiteNet modules.

Key Topics:

- Residential lot grading and elevation setup
- Road Net and Lot Net configuration for subdivisions
- Cost estimation using sewer and utility networks
- Driveway and pad design automation
- Integration of GIS and Google imagery for site modeling

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This session was presented by Travis Maxwell on 07/19/2022.

Site Selection and Feasibility Studies Using Carlson Software

Session 1-2

Recorded 7/12/2022

This training session demonstrates how to perform site selection and feasibility studies using Carlson Software tools. Travis walks through practical workflows for importing GIS and Google Earth data, grading, balancing earthwork, and estimating construction costs for commercial and residential projects.

Key Topics:

- Importing and aligning GIS and Google Earth data
- Creating and balancing grading surfaces with SiteNet
- Cost estimation using linear, area, and count-based materials
- Setting up residential subdivisions with RoadNet and LotNet
- Managing floodplain, wetlands, and feasibility constraints

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This session was presented by Travis Maxwell on 07/12/2022.

Site Selection and Feasibility Studies Using Carlson Software 1-1

Recorded 07/12/22

This webinar, led by Travis Maxwell and hosted by That CAD Girl, provides a detailed walkthrough of performing site selection and feasibility studies using Carlson Software. The session demonstrates how to obtain existing site data, analyze flood hazards, calculate earthwork volumes, and create grading models efficiently within Carlson's Civil Suite.

Key Topics:

- Using Carlson SiteNet for feasibility and earthwork analysis
- Importing and processing Google Earth and GIS data
- Evaluating flood hazard elevations and site grading
- Creating and editing pad grades and boundaries
- Cost estimation and balancing cut/fill volumes

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This session was presented by Travis Maxwell on 07/12/2022.

Stormwater Spread Calculations using Storm Networks Recorded 3/15/2023

This webinar, hosted by That CAD Girl and presented by Travis Maxwell, provides a step-by-step introduction to road design using Carlson Software. It covers essential workflows including drawing setup, creating centerlines, profiles, templates, intersections, and cul-de-sacs for civil design projects.

Key Topics:

- Carlson drawing setup and coordinate systems
- Creating and managing road centerlines and profiles
- Building and editing templates for pavement, curbs, and grading
- Handling intersections and cul-de-sacs
- Using Google surfaces for preliminary design

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This session was presented by Travis Maxwell on 03/15/2023.

Surfaces and Breaklines – the Basics

Recorded 2/16/2023

This webinar provides a step-by-step introduction to creating and refining surface models in Carlson Software. It covers essential workflows for checking elevations, defining boundaries, using breaklines, and merging terrain data from multiple sources.

Key Topics:

- Surface modeling fundamentals in Carlson Survey and Civil
- Using breaklines and shrink-wrap boundaries
- Field-to-Finish automation and non-surface point management
- Importing and merging Google Earth and NED elevation data

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This session was presented by Jennifer DiBona on 02/16/2023.

Survey Project From Field to

Plotted Sheet

Recorded 9/14/2023

This webinar demonstrates how to take a survey project from raw field data to a finished plotted sheet using Carlson Survey 2023. The session covers importing points, configuring settings, creating boundaries, aligning deed data, building surfaces, and producing final annotated drawings.

Key Topics:

- Carlson Survey 2023 workflow setup
- Importing and managing point files (control, topo)
- Deed entry, alignment, and correlation
- Field-to-Finish automation
- Surface creation, contouring, and plotting

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This session was presented by Jennifer DiBona on 09/14/2023.

The Ultimate Project Template

Recorded 2/15/2023

This webinar, hosted by That CAD Girl and led by trainer Travis Maxwell, provides a comprehensive walkthrough of creating and managing an “Ultimate Project Template” in Carlson and IntelliCAD. It covers CAD standards, template setup, line type scaling, paper space vs. model space, and advanced sheet management for survey and civil projects.

Key Topics:

- Setting up and customizing Carlson/IntelliCAD templates
- Understanding LT Scale, PSLT Scale, and MSLT Scale
- Paper space vs. model space best practices
- Viewports, legends, and line type scaling
- Civil vs. survey template differences
- Sheet sets, plotting, and CAD standards management

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This session was presented by Travis Maxwell on 02/15/2023.

Tips & Tricks in Carlson Software

Recorded 8/24/2023

This webinar, part of the “Tips & Tricks in Carlson Software” series, features Travis demonstrating advanced table functionality in Carlson and IntelliCAD. The session covers linking data from CSV and Excel files, table editing, and dynamic data updates to improve design accuracy and efficiency.

Key Topics:

- Creating and editing Carlson and IntelliCAD tables
- Linking tables to external data sources (CSV, Excel)
- Dynamic updates and data synchronization
- Table formatting, formulas, and field insertion
- Upcoming training sessions and workshops

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This session was presented by Travis Maxwell on 08/24/2023.

Tips & Tricks in Carlson Software

Recorded 9/12/23

This webinar, led by Travis Maxwell and hosted by That CAD Girl, covered advanced tips and tricks for Carlson Software users, focusing on CAD efficiency, data linking with Excel, template management, and IntelliCAD updates. The session demonstrated practical workflows for text handling, viewport color overrides, data linking, and Lisp compatibility.

Key Topics:

- Exploding text and managing fonts in CAD templates
- Using ETRANSMIT and project archiving for file sharing
- Linking Carlson tables with Excel spreadsheets
- Viewport color overrides and layer management in templates
- IntelliCAD 11.1 updates and tool palette enhancements
- Troubleshooting and adapting AutoLISP commands for IntelliCAD

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This session was presented by Travis Maxwell on 09/12/2023.