

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.

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.

Introduction to Carlson Software – Settings Setup Configuration & Points Recorded 1/4/2022

This webinar introduces new and returning users to Carlson Software, focusing on initial setup, configuration, and point management. It covers interface navigation, project folder organization, default settings, and template creation for efficient CAD workflows.

Key Topics:

- Carlson Software interface and configuration
- Managing project and data folders
- Setting up drawing defaults and templates
- Importing and displaying survey points
- Understanding data vs. settings files

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This session was presented by Jennifer DiBona on 01/04/2022.

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 Power of Tool Palettes

Recorded 8/30/2023

This webinar, *The Power of Tool Palettes*, led by Travis Maxwell and hosted by That CAD Girl, explores how CAD professionals can use tool palettes to standardize drafting practices, automate repetitive tasks, and improve team consistency. The session covers setup strategies, macro scripting, and sharing palettes across teams for efficient project workflows.

Key Topics:

- Setting up and managing tool palettes
- Using macros and scripts for automation
- Maintaining CAD standards and consistency across teams
- Sharing and exporting palettes for office-wide use

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This session was presented by Travis Maxwell on 08/30/2023.

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.