

Practical LotNet in Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Design Subdivision Layouts

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.

That CAD Girl

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Overview of Carlson Point Clouds Using PhotoCapture

A Virtual Webinar Using Carlson Software – Learn to Process Drone and LiDAR Data

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.

Making the Most of Carlson's LotNet

A Virtual Webinar Using Carlson Software – Learn to Design Subdivisions

This webinar, hosted by That CAD Girl and presented by Doug Oberg from Carlson Software, demonstrates practical ways to use Carlson LotNet for efficient lot layout and subdivision design. The session covers both simple and complex land division

workflows, emphasizing real-world applications and problem-solving within the software.

Key Topics:

- Introduction to Carlson LotNet and setup basics
- Creating and editing lot boundaries and right-of-way lines
- Automating lot subdivision and labeling
- Integrating road networks and cul-de-sacs
- Troubleshooting and real-world design challenges

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This session was presented by Doug Aaberg on 06/24/2021.

Drawing Profiles with Mark Long

A Virtual Webinar Using Carlson Software – Learn to Create Roadway and Utility Profiles

This webinar, hosted by That CAD Girl and presented by Mark Long of Carlson Software, provides an in-depth tutorial on using the Draw Profiles dialog box in Carlson Civil. The session covers

practical workflows for creating, managing, and optimizing roadway and utility profiles efficiently.

Key Topics:

- Carlson Civil Draw Profiles dialog box
- Roadway design and profile management
- Quick Profile and sewer/storm network integration

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This session was presented by Mark Long on 11/11/2021.

Cross-Sections for Roads Streams and Everything In- Between

A Virtual Webinar Using Carlson Software – Learn to Create Cross Sections

This webinar, hosted by The CAD Girl team, features Mark Long demonstrating how to create and manage cross sections in Carlson Software for roads, streams, and other civil design applications. The session covers both automated workflows using

RoadNet and manual methods for stream geometry and flood studies.

Key Topics:

- Creating cross sections using Carlson RoadNet
- Manual cross section generation for streams and flood studies
- File management, settings, and labeling techniques in Carlson
- Integration with HEC-RAS for water surface elevation analysis

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This session was presented by Mark Long on 09/09/2021.

Best Practices for Network Solutions with Carlson's GNSS RTK Systems

A Virtual Webinar Using Carlson

Software – Learn to Prepare CAD Files

This webinar, hosted by That CAD Girl and presented by Walt Wiles of Terrain Technology, provides a detailed walkthrough of Carlson Software's drawing cleanup tools for preparing CAD files used in model building and construction staking. The session covers file optimization, layer management, polyline conversion, and best practices for ensuring clean, efficient data transfer to field devices.

Key Topics:

- Carlson Software drawing cleanup process
- File optimization and size reduction
- Converting and managing polylines, layers, and entities
- Preparing DWG files for machine control and staking
- Handling Civil 3D and architectural files

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This session was presented by Doug Aaberg on 03/24/2021.

Basics of Road Design in

Carlson Civil

A Virtual Webinar Using Carlson Software – Learn to Design Roads

This webinar, hosted by That CAD Girl and presented by Mark Long from Carlson Software, provides a comprehensive introduction to road design using Carlson Civil's Road Network tools. The session covers setup, configuration, template creation, and practical design workflows for roads, intersections, and cul-de-sacs.

Key Topics:

- Introduction to Carlson Civil's Road Network (RoadNet)
- Setting up surfaces, templates, and profiles
- Creating intersections and cul-de-sacs
- Managing cross sections and earthwork quantities
- Tips for efficient road design workflows

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This session was presented by Mark Long on 03/11/2021.

Advanced Road Design in Carlson Civil

A Virtual Webinar Using Carlson Software – Learn to Design Advanced Roads

This webinar, hosted by That CAD Girl and presented by Mark Long from Carlson Software, provides an in-depth demonstration of advanced road design techniques using Carlson Civil. The session covers super elevation setup, template transitions, and template point center lines for complex roadway and drainage design scenarios.

Key Topics:

- Super elevation design and configuration in Carlson Civil
- Template transitions for slope and grading adjustments
- Template point center lines for knuckles, parking, and sidewalks
- Stream impact minimization and slope control
- Integration with hydrology and future webinars

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This session was presented by Mark Long on 04/08/2021.

Adv Field to Finish, Tree Surveys, Companion Codes and More

A Virtual Webinar Using Carlson Software – Learn to Improve Field-to-Finish Workflows

This webinar, hosted by That CAD Girl and presented by Doug Oberg, explores advanced Carlson Field-to-Finish techniques to improve survey drafting efficiency. Topics include companion codes, fixed parameters, templates, and tree survey automation for faster, cleaner CAD workflows.

Key Topics:

- Carlson Field-to-Finish advanced setup
- Companion codes for connecting linework and symbols
- Fixed parameters and templates for curb and pavement
- Tree survey automation and drip line visualization
- Efficiency improvements and real-world examples

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This session was presented by Doug Aaberg on 04/22/2021.

The Very Basics of Carlson Field to Finish

A Virtual Webinar Using Carlson Software – Learn Carlson Basics for Design Workflows

This webinar introduces the fundamentals of Carlson's Field to Finish workflow, led by Doug Oberg and hosted by That CAD Girl. It walks surveyors through setting up code tables, managing linework, and automating drafting tasks to improve efficiency from field data collection to finished CAD drawings.

Key Topics:

- Introduction to Carlson Field to Finish setup
- Creating and editing code tables
- Managing linework, symbols, and layers
- Using special codes and offsets
- Automating drafting and data processing

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This session was presented by Doug Aaberg on 03/10/2022.