

Evaluating Pipe Network Capacity

A Virtual Webinar Using Carlson Software – Evaluate Pipe Network Capacity

This webinar, hosted by That CAD Girl and presented by Travis, provided a detailed walkthrough of evaluating water system capacity using Carlson Software's Pressure Pipe Network tools integrated with EPA Net. Attendees learned how to model, analyze, and verify water distribution systems for pressure and flow performance.

Key Topics:

- Setting up and editing utility and pressure pipe networks in Carlson
- Exporting and validating models in EPA Net
- Performing fire flow and pressure analyses
- Troubleshooting connection and modeling issues
- Interpreting hydraulic grade line (HGL) and head loss results

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This session was presented by Travis Maxwell on 04/26/23.

That CAD Girl

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Advanced Road Network

A Virtual Webinar Using Carlson RoadNet – Learn Advanced Road Network Design

This webinar, hosted by That CAD Girl and presented by Travis, provides an in-depth look into advanced features of Carlson RoadNet. It covers dynamic road network setup, template configuration, curb ramps, cul-de-sacs, lot grading, and troubleshooting techniques for civil design professionals.

Key Topics:

- Dynamic Carlson RoadNet setup and configuration
- Advanced template creation and transitions
- Curb ramps, cul-de-sacs, and hammerhead intersections
- Lot grading and building pad elevation
- Troubleshooting and optimization best practices

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This session was presented by Travis Maxwell on 05/11/2023.

Introduction to Carlson Software – Settings Setup Configuration & Points

A Virtual Webinar Using Carlson Software – Learn Settings Setup and Points

This webinar introduces new users to Carlson Software's setup and configuration process, focusing on default settings, data organization, and drawing templates. It provides a step-by-step walkthrough for configuring projects, managing data folders, linking objects, and importing survey points efficiently.

Key Topics:

- Carlson Software installation and interface overview
- Configuring default settings and data folders
- Managing templates, layers, and text styles
- Linking data files (CRD, CL, TIN) with drawings
- Importing and displaying survey points

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This session was presented by Jennifer DiBona on 10/10/2023.

Introduction to Carlson Software – Settings Setup Configuration & Points

A Virtual Webinar Using Carlson Software – Learn Setup Configuration and Points

This webinar introduces new users to Carlson Software, focusing on initial setup, configuration, and management of points, projects, and templates. It covers user interface customization, data and settings folder organization, and best practices for maintaining consistent standards across projects.

Key Topics:

- Carlson Software interface and configuration
- Project and data folder setup
- Default settings and templates management
- Point data handling and linking
- Technical support and software updates

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This session was presented by Jennifer DiBona on 09/07/2023.

Introduction to Carlson Software – Settings Setup Configuration & Points

A Virtual Webinar Using Carlson Software – Learn Setup Configuration and Points

This introductory webinar from *That CAD Girl* walks new Carlson Software users through initial setup, configuration, and data management. It covers default settings, project folder organization, drawing templates, and best practices for linking Carlson data f

iles such as CRD, TIN, and CL files.

Key Topics:

- Carlson Software installation and interface overview
- Configuring default settings via *Carlson Configure*
- Managing project and data folders (drawing vs project folder)
- Understanding data vs settings files (CRD, TIN, CL, FLD, STA)
- Creating and customizing drawing templates (DWT)
- Linking points and objects for consistency
- Accessing Carlson technical support and updates

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This session was presented by Jennifer DiBona on 08/03/23 .

Introduction to Carlson Software – Settings Setup Configuration & Points Recorded 7/6/2023

A Virtual Webinar Using Carlson Software – Learn Settings Configuration and Points

This webinar introduces new and returning users to Carlson Software, focusing on essential CAD operations, configuration settings, and point management. Presenter Travis Maxwell demonstrates practical workflows, shortcuts, and setup tips to optimize productivity in Carlson Civil Suite and Survey modules.

Key Topics:

- Carlson Software setup and configuration
- CAD basics and command shortcuts
- Point file management and coordinate systems
- Layer control, text editing, and plotting
- Importing Civil 3D data and handling fonts

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This session was presented by Travis Maxwell on 07/06/2023.

Introduction to Carlson

Software – Settings Setup Configuration & Points

A Virtual Webinar Using Carlson Software – Learn Setup Configuration and Points

This webinar introduces new and existing users to Carlson Software, focusing on setup, configuration, and point management. Travis walks through essential settings, file organization, projections, tool palettes, and workflows for efficient CAD and civil design work.

Key Topics:

- Carlson Software setup and configuration
- Drawing and projection settings
- Tool palettes, layers, and CAD standards
- Importing and managing point data
- Workflow optimization and training options

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This session was presented by Travis Maxwell on 05/04/2023.

Introduction to Carlson Software – Settings Setup Configuration & Points Recorded 4/6/2023

A Virtual Webinar Using Carlson Software – Learn Settings Setup and Points

This webinar introduces new and intermediate users to Carlson Software's setup, configuration, and point management tools. Trainer Travis Maxwell demonstrates how to create and configure drawings, import survey data, manage coordinate files, and integrate Google Earth imagery and surfaces for civil and survey workflows.

Key Topics:

- Carlson Software setup and configuration
- Coordinate files and point import workflows
- Using Google Earth imagery and surfaces
- Layer management and drawing tools
- Common settings and troubleshooting tips

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This session was presented by Travis Maxwell on 04/06/2023.

Introduction to Carlson Software – Settings Setup Configuration & Points

A Virtual Webinar Using Carlson Software – Learn Setup Configuration and Points

This webinar provides a detailed introduction to Carlson Software, covering setup, configuration, and point management within the CAD environment. Trainer Travis Maxwell walks participants through interface customization, layer management, drawing setup, and importing survey data for surface modeling.

Key Topics:

- Carlson Software interface and configuration
- Layer tools, toolbars, and drawing setup
- Importing and managing coordinate files and points
- Creating surfaces and contours
- Customizing templates and projections

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This session was presented by Travis Maxwell on 01/05/2023.

Using Point Cloud and Public LIDAR to produce existing terrain

A Virtual Webinar Using Carlson Software – Learn to Create Existing Terrain Models

This webinar, hosted by That CAD Girl and presented by Travis Maxwell, demonstrates how to use Carlson Point Cloud software with publicly available LiDAR data to create accurate existing terrain models. The session covers data acquisition, classification filtering, surface generation, and contour refinement techniques for civil and surveying applications.

Key Topics:

- Downloading and managing public LiDAR data (USGS & state sources)
- Importing LAS/LAZ files into Carlson Point Cloud
- Classifying and filtering ground points
- Creating TIN surfaces and contours
- Managing point density and data reduction

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This session was presented by Travis Maxwell on 07/09/2024.