

Advanced Detention Pond Design

A Virtual Webinar Using Carlson Software – Learn to Create Surface Models

This webinar, hosted by That CAD Girl and presented by Mark Long of Carlson Software, provides an in-depth walkthrough of advanced detention pond design using Carlson Civil Hydrology 2020. It covers watershed setup, pre- and post-construction modeling, rainfall data integration, and automated pond sizing and routing.

Key Topics:

- Defining watershed layers and runoff coefficients
- Using SCS and rational methods for hydrology modeling
- Integrating USGS soils and NOAA rainfall data
- Designing detention ponds with Carlson's 2020 tools
- Creating stage-storage and discharge files
- Configuring riser, barrel, weir, and orifice outlets
- Generating hydrographs and reports

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

This session was presented by Mark Long on 03/12/2020.

IntelliCAD Overview – Where it WAS. Where it IS. And Where it WILL BE.

A Virtual Webinar Using IntelliCAD – Explore IntelliCAD Development

This webinar, hosted by That CAD Girl, provides an in-depth overview of IntelliCAD's history, current capabilities, and future direction, featuring insights from the IntelliCAD Technology Consortium and Carlson Software. It explores how IntelliCAD serves as a cost-effective, DWG-compatible CAD platform supporting Carlson's land development software suite.

Key Topics:

- IntelliCAD's origins and mission
- Comparison with AutoCAD and DWG compatibility
- Carlson Software's integration with IntelliCAD
- New features in IntelliCAD 10
- BIM, DGN, and material rendering capabilities

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

This session was presented by Dave Lorenzo, Dave Carlson, and Leonid Enrov, and Jennifer DiBona on 08/13/2020.

Mark's Favorite Things in Carlson Desktop Software

A Virtual Webinar Using Carlson Software – Explore Mark's Favorite Desktop Tools

This webinar features Mark Long from Carlson Software demonstrating his favorite tools and workflows in Carlson Civil and Hydrology. He walks through road design, template point centerlines, surface modeling, and hydrology setup, offering practical examples and design tips for everyday engineering tasks.

Key Topics:

- Carlson Road Network and Template Point Centerlines
- Surface modeling and grading workflows
- Hydrology setup, watershed layers, and storm drainage design

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

This session was presented by Mark Long on 10/11/2018.

Jeremy's Favorite Things in Carlson Desktop Software

A Virtual Webinar Using Carlson Software – Explore Jeremy's Favorite Desktop Tools

This webinar features licensed surveyor Jeremy Taylor sharing his favorite tools and workflows in Carlson Desktop Software. He demonstrates practical tips for surveyors and CAD professionals to streamline drafting, data management, and field-to-finish processes.

Key Topics:

- Carlson Software utilities and cleanup tools
- Best Fit Centerline and Lot Closure workflows
- Legal Description Writer and sequential numbering
- Integration with Google Earth and Carlson Cloud
- Importing PDFs and creating alignments/profiles

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

This session was presented by Jeremy Taylor on 11/09/2018.

If You're Not Using LandXML – You Should Be (yes, all of you!)

If You're Not Using LandXML – You Should Be (yes, all of you!)

This webinar, hosted by That CAD Girl and presented by Nathan Cruz of Carlson Software, introduces LandXML as a universal data format for sharing and managing civil engineering and survey data. It covers LandXML's structure, supported data types, interoperability between CAD and survey platforms, and its expanding role in photogrammetry and machine control.

Key Topics:

- Overview and history of LandXML
- Data exchange between Carlson, Autodesk, and Bentley products
- Using LandXML with photogrammetry and drone data
- LandXML 2.0 enhancements (materials, 3D objects)
- Future ISO standardization for machine control

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

This session was presented by Nathan Crews on 09/11/2018.

Doug's Favorite Things in Carlson Desktop Software – by Doug Aaberg

A Virtual Webinar Using Carlson Software – Explore Doug's Favorite Desktop Tools

This Carlson Software webinar, led by Doug Aaberg and hosted by That CAD Girl, explores best practices, common pitfalls, and advanced tools in Carlson Survey and Civil software. The session covers coordinate file management, field-to-finish workflows, point linking, annotation automation, and data integrity techniques for surveyors and engineers.

Key Topics:

- Managing coordinate files (CRD) and linking points correctly
- Understanding Carlson's object linking and XData
- Field-to-Finish setup, point groups, and code management
- Real-Z elevation settings and 3D drafting issues
- Deed correlation, auto-annotation, and curb/ramp templates

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

This session was presented by Doug Aaberg on 09/11/2018.

Customizing Migrating and Sharing Settings in Carlson Software

A Virtual Webinar Using Carlson Software – Learn to Create Point Symbols

This webinar, hosted by That CAD Girl and presented by Doug Berg, provides an in-depth guide to customizing, migrating, and sharing settings in Carlson Software. It covers configuration management, standardization across teams, and practical use of Carlson's Setting Server for consistent CAD environments.

Key Topics:

- Managing and standardizing Carlson Software settings
- Using the Carlson Setting Server for multi-user environments
- Migrating settings between versions and platforms (AutoCAD , IntelliCAD)

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

This session was presented by Doug Aaberg on 09/25/2020.

Coordinate Transformations & Localizations

A Virtual Webinar Using Carlson Software – Learn Coordinate Transformations and Localizations

This webinar, hosted by That CAD Girl and presented by surveyor Jeremy Taylor, provides a detailed walkthrough of coordinate transformation, rotation, translation, and localization techniques using Carlson Survey and SurvCE/SurvPC software. It covers both office and field workflows for aligning survey data, managing coordinate systems, and performing GPS localizations effectively.

Key Topics:

- Coordinate translation, rotation, and alignment in Carlson Survey
- Field localization and GPS workflows in SurvCE/SurvPC
- Grid-to-ground conversions and best practices for survey accuracy

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

This session was presented by Jeremy Taylor on 10/16/2018.

All About Roadway Templates

A Virtual Webinar Using Carlson Software – Learn to Build Roadway Templates

This webinar, hosted by That CAD Girl and presented by Mark Long of Carlson Software, provides an in-depth tutorial on creating and managing roadway templates in Carlson Civil. The session covers advanced template design, super elevation, transitions, subgrades, and practical applications for roadway and subdivision design.

Key Topics:

- Carlson Road Design and Template Creation
- Super Elevation and Template Transitions
- Subgrade and Cut/Fill Slope Configuration
- Template Point Centerline and Profile Tools
- Practical Design Applications and Tips

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

This session was presented by Mark Long on 05/05/2020.

Centerlines, Profiles & Overview of RoadNet

A Virtual Webinar Using Carlson Software – Create Centerlines and Profiles with RoadNet

This webinar provides a comprehensive walkthrough of Carlson Software's tools for creating and managing centerlines, profiles, and roadway designs using RoadNet. It covers manual methods for building alignments and profiles, linking data files, and automating roadway networks for efficient civil design workflows.

Key Topics:

- Creating and editing Carlson centerline (.CL) and profile (.PRO) files
- Linking CAD geometry to external data files
- Drawing and labeling profiles in Carlson Survey and Civil
- Designing roads and intersections using Carlson RoadNet
- Managing templates, cul-de-sacs, and volume reports

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

This session was presented by Jennifer DiBona on 12/05/2018.