

# **Advanced Field to Finish – Perfecting Coding & Creating Linework Recorded 09/26/2018**

This advanced Carlson Software webinar demonstrates how to perfect Field-to-Finish workflows by standardizing field codes, creating and populating FLD files, and generating automated linework. It builds on the basics of point coding to show efficient methods for coding, symbol management, and drawing 2D/3D polylines directly from survey data.

## **Key Topics:**

- Populating and cleaning FLD files from point data
- Standardizing field descriptions and coding syntax
- Using special codes for linework, curves, and offsets
- Managing layers, symbols, and line types
- Automating 2D and 3D polyline creation

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

This session was presented by Jennifer DiBona on 09/26/2018.

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## **Features of Carlson Survey &**

# **Civil – Setting Points and Stakeout**

## **Recorded 11/20/2018**

This webinar demonstrates how to use Carlson Survey and Carlson Civil to create, manage, and stake out points efficiently. It covers field-to-finish workflows, point defaults, creating points from entities, interpolating points, and generating offset or spot-elevation data for design and construction projects.

### **Key Topics:**

- Field-to-Finish and FLD file integration
- Point Defaults and Layer Management
- Creating Points from Entities (COGO tools)
- Interpolation and Offset Commands
- Dynamic Spot Elevations linked to surfaces

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This session was presented by Jennifer DiBona on 11/20/2018.

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## **Overview of SurvCE & SurvPC and the Carlson Cloud**

# Recorded 6/12/2018

This webinar provides a detailed overview of Carlson's field software—SurvCE and SurvPC—and demonstrates how they integrate with the Carlson Cloud for data sharing. Presenter Jeremy Taylor walks through configuration, setup, and practical field workflows for surveyors using both total stations and GPS equipment.

## Key Topics:

- Overview and comparison of SurvCE and SurvPC
- Job setup, configuration, and data management
- Equipment setup for total stations and GPS
- Feature coding, field-to-finish, and stakeout workflows
- Using Carlson Cloud for file transfer and collaboration

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This session was presented by Jeremy Taylor on 06/12/2018.

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## Advanced Carlson Hydrology & P3D with Mark Long of Carlson Software

# Recorded 07/24/2018

This webinar, hosted by That CAD Girl and presented by Mark Long of Carlson Software, explores advanced techniques in Carlson Hydrology and Precision 3D (P3D). It demonstrates how to integrate watershed modeling, storm drainage design, and 3D visualization for efficient civil engineering workflows.

## Key Topics:

- Carlson Hydrology fundamentals and watershed layer setup
- Precision 3D (P3D) integration for stormwater design
- Surface modeling, runoff coefficients, and drainage networks
- Use of LIDAR and Google Earth data for terrain modeling
- Workflow between CAD-based hydrology and 3D visualization

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This session was presented by Mark Long on 07/24/2018.

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# Advanced Carlson Hydrology Recorded 9/10/2020

This advanced Carlson Hydrology webinar, presented by Mark Long and hosted by That CAD Girl, walks users through practical storm water and utility network design workflows in Carlson Civil and Hydrology. The session covers setup, configuration, and design of storm, sanitary, and water networks using real subdivision exa

mples.

**Key Topics:**

- Carlson Hydrology module overview and setup
- Storm drainage design workflow and automation
- Sanitary sewer and utility network creation
- Surface models, rainfall data, and watershed setup
- Profile drawing and conflict checking

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*This session was presented by Mark Long on 09/10/2020.*

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# **2016 Virtual Classroom – Survey & GIS Virtual Workshop – Bonus Lunch Session 3 Recorded 05/17/2016**

This session of the Survey and GIS Virtual Workshop features a demonstration of Carlson Software's Precision 3D Topo, led by Nathan Cruise. The presentation showcases surface editing, visualization, field-to-finish workflows, and 3D modeling capabilities for survey and design professionals.

**Key Topics:**

- Precision 3D Topo features and workflows

- Surface editing and visualization tools
- Field-to-finish automation and 3D modeling
- Importing and managing survey data
- Auto texturing and presentation tools

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This session was presented by Nathan Crews on 05/17/2016.

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# **2016 Virtual Classroom – Civil & Hydrology Virtual Workshop – Session 4**

## **Recorded 05/24/2016**

This session of the Civil & Hydrology Virtual Workshop, led by Scott Griffin, provides an in-depth demonstration of Carlson Software's Lot Network (Lot Net) tools for subdivision layout and design. The webinar covers lot creation, cleanup utilities, labeling, setbacks, building placement, reporting, and integration with Google Earth and other Carlson modules.

### **Key Topics:**

- Lot Network (Lot Net) setup and configuration
- Cleaning up subdivision linework
- Subdividing areas and adjusting lot geometry
- Labeling, setbacks, and building placement

- Generating reports, exporting data, and Google Earth integration

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This session was presented by Scott Griffin on 05/24/2016.

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# **Using Carlson Hydrology for Storm Drain Design**

## **Recorded 5/13/2021**

This webinar provides a detailed walkthrough of storm drain design using Carlson Hydrology. Mark Long demonstrates how to set up networks, define watershed parameters, size pipes, and create plan and profile drawings within Carlson Software.

### **Key Topics:**

- Carlson Hydrology interface and setup
- Watershed and drainage area calculations
- Storm and sanitary sewer network creation
- Pipe sizing, slopes, and hydraulic grade line design
- Drawing plan and profile views with labeling and crossings

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

*This session was presented by Mark Long on 05/13/2021.*

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# **Using Carlson Hydrology for Sanitary and Utility Design Recorded 7/8/2021**

This webinar demonstrates how to use Carlson Hydrology for sanitary sewer and utility network design. Mark Long walks through setting up sewer network parameters, creating SEW files, importing polylines, and managing profiles and laterals for efficient civil design workflows.

## **Key Topics:**

- Setting up sanitary sewer and utility networks in Carlson Hydrology
- Sewer network settings, parameters, and design criteria
- Importing 2D polylines to create networks
- Editing profiles, slopes, and manholes
- Creating and managing laterals and cleanouts

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This session was presented by [speaker(s)] on 07/08/2021.

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# Using Carlson Hydrology for Detention Pond Design

## Recorded on 6/10/2021

This webinar, hosted by That CAD Girl and presented by Mark Long, provides a detailed walkthrough of using Carlson Hydrology software for detention pond design. It covers watershed setup, surface modeling, stormwater calculations, and pond sizing workflows within Carlson Civil.

### Key Topics:

- Setting up watershed layers and ground covers
- Pre- and post-construction surface modeling
- Detention pond sizing and stage-storage calculations
- Creating outlet devices and hydrographs
- Generating reports and design documentation

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*This session was presented by Mark Long on 6/10/2021.*