

# Taking a Survey Project from Field to Plotted Sheet

## A Virtual Webinar Using Carlson Software – Learn to Complete Survey Workflows

This webinar walks through the complete workflow of taking a survey project from raw field data to a finished plotted sheet using Carlson Survey. It covers importing points, managing coordinate files, deed entry, field-to-finish automation, surface generation, and final sheet layout for professional deliverables.

### Key Topics:

- Importing and managing survey points and coordinate files
- Entering and processing deed descriptions
- Using field-to-finish for automated drafting
- Building surfaces and contours
- Creating legends, title blocks, and final plot sheets

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

*This session was presented by Jennifer DiBona on 01/21/2020.*

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# Subdivision Roads & Lot Grading

## A Virtual Webinar Using Carlson Software – Learn to Design Subdivision Roads

This webinar demonstrates how to design subdivision roads and perform lot grading using Carlson Civil's Road Network and Grading tools. The session walks through building templates, setting profiles, elevating building pads, and creating 3D surfaces for residential developments.

### Key Topics:

- Carlson Road Network setup and configuration
- Creating and editing roadway templates
- Elevating building pads and lot lines
- Generating and refining proposed surfaces
- Practical grading techniques for subdivisions

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

*This session was presented by Jennifer DiBona on 08/25/2020.*

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# **Taking a Survey Project from Field to Plotted Sheet**

## **Recorded 08/16/2018**

This webinar provides a complete walkthrough of managing a survey project in Carlson Software—from initial setup and importing field data to creating surfaces, labeling, and producing final deliverables. It demonstrates practical workflows, configuration tips, and best practices for surveyors using Carlson Survey and Field-to-Finish tools.

### **Key Topics:**

- Carlson Survey project setup and configuration
- Importing and managing point data (CRD, ASCII)
- Field-to-Finish processing and layer management
- Deed entry, correlation, and legal description tools
- Surface creation, contouring, and annotation
- Map finishing: legends, scales, and title blocks

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This session was presented by Jennifer DiBona on 08/16/2018.

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# **Deeds of Lots and Lots of**

# **Lots... Deed Entry & Correlation, Legal Description Writer & More**

## **Recorded 07/18/2018**

This webinar provides a detailed walkthrough of Carlson Survey's tools for creating, editing, and managing property lots and deeds. It covers deed entry, correlation, legal description writing, and lot network automation using Carlson's WA Net and related utilities.

### **Key Topics:**

- Entering and processing deed descriptions
- Deed correlation and alignment with survey data
- Legal description writer configuration
- Lot creation and labeling tools
- Lot File and Lot Network (WA Net) workflows

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This session was presented by Jennifer DiBona on 07/18/2018.

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**2016 Virtual Classroom –**

# **Survey & GIS Virtual Workshop – Session 6 Recorded 05/17/2016**

This session of the Surveying GIS Virtual Workshop focuses on transforming 2D CAD drawings into 3D models for use in surveying, construction stakeout, and model building. It provides step-by-step demonstrations of Carlson Software tools for elevating, labeling, and cleaning up engineering drawings to prepare accurate 3D surfaces.

## **Key Topics:**

- Converting 2D entities to 3D using Carlson Civil tools
- Elevating building pads, curbs, and contours
- Cleaning and preparing engineering drawings for modeling
- Managing layers, blocks, and Civil 3D/Land Desktop data
- Creating working drawings and exporting surfaces

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This session was presented by Jennifer DiBona on 05/17/2016.

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# **2016 Virtual Classroom – Survey & GIS Virtual Workshop**

# – Session 5

## Recorded 05/17/2016

This session of the Survey and GIS Virtual Workshop provided a detailed walkthrough of Carlson Software's Field to Finish functionality, led by Scott Griffin. The presentation demonstrated how to automate drawing creation from field data, manage codes, and integrate 3D elements, pipes, and GIS attributes within Carlson Survey.

### Key Topics:

- Carlson Field to Finish setup and workflows
- Code tables, special codes, and feature types (Tree, Pipe, Topo)
- Creating 3D trees, pipes, and curb templates
- Generating tree legends, SEW files, and 3D PDFs
- Importing and converting PDF files using CADnet

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This session was presented by Scott Griffin on 05/17/2016.

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# 2016 Virtual Classroom – Survey & GIS Virtual Workshop

# – Session 4

## Recorded 05/17/2016

This virtual class, hosted by That CAD Girl and presented by Jeremy Taylor, provides a comprehensive overview of Carlson's field software—SurvCE and SurvPC—and demonstrates practical workflows for survey data collection, cloud file sharing, and GPS/localization setup. The session also covers integration with Carlson Survey desktop software and best practices for efficient field-to-office coordination.

### Key Topics:

- Differences between SurvCE and SurvPC
- Using Carlson Cloud for file transfer and collaboration
- Job setup, configuration, and data management
- Integration with total stations and GPS rovers
- Working with CAD files and alignments in the field
- Ground vs. grid coordinate handling and localization

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

This session was presented by Jeremy Taylor on 05/17/2016.

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# 2020 Virtual Workshop 3-6 Hot New Features in Carlson 2021

# **Recorded 12/17/2020.**

This virtual workshop session showcased new and enhanced features in Carlson 2021 software, focusing on Survey, Civil, and CADNet modules. Presenter Scott Griffin demonstrated dynamic point attributes, BIM/Revit file integration, road network improvements, and advanced parking design tools for surveyors and engineers.

## **Key Topics:**

- Dynamic Point Attributes in Survey module
- BIM/Revit file import and manipulation in CADNet
- Road Network enhancements including hammerhead cul-de-sacs
- New Parking Network and design tools
- Handicap and layout customization features

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This session was presented by Scott Griffin on 12/17/2020.

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# **2020 Virtual Workshop 3-8 Utility Network Design in Carlson Hydrology Recorded 12/17/2020.**

This virtual Carlson Software workshop, led by Mark Long, provided an in-depth demonstration of detention pond design, hydrology analysis

, and utility network creation within Carlson Civil and Hydrology. The session covered practical workflows, design parameters, and troubleshooting tips for stormwater management and utility modeling.

### **Key Topics:**

- Detention pond design and hydrology setup
- Rainfall data integration and hydrograph generation
- Outlet structure configuration (riser, orifice, weir)
- Utility network creation and pipe crossing management
- Troubleshooting and Q&A with developers

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This session was presented by Mark Long on 12/17/2020.

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## **Survey Project from Field to Plotted Sheet**

### **A Virtual Webinar Using Carlson Software – Learn to Complete Survey Workflows**

This webinar demonstrates a complete Carlson Survey workflow, showing how to take raw field data through coordinate file creation, deed entry, surface modeling, and final sheet plotting. It covers practical commands, configuration tips, and

troubleshooting steps for surveyors using Carlson 2020/2021 on IntelliCAD.

**Key Topics:**

- Carlson configuration and project setup
- Importing and managing point data (CRD files)
- Deed entry, correlation, and legal description tools
- Field-to-Finish automation and surface creation
- Plotting, labeling, and sheet preparation

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*This session was presented by Jennifer DiBona on 01/12/2021.*