2016 Virtual Classroom – Civil & Hydrology Virtual Workshop – Session 5
Recorded 05/24/2016.

This session of the Civil & Hydrology workshop, led by Mark Long from Carlson Software, provides a detailed walkthrough of road network design using Carlson Civil 2017. The training covers creating centerlines, profiles, templates, intersections, cul-de-sacs, and pad grading, with a preview of hydrology integration.

Key Topics:

- Road Network (RoadNet) setup and configuration
- Creating and editing templates, profiles, and intersections
- Cul-de-sac and knuckle design
- Pad grading and surface modeling techniques
- Integration with hydrology modeling workflows

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

This session was presented by Mark Long on 05/24/2016.

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.

2016 Virtual Classroom – Civil

& Hydrology Virtual Workshop – Bonus Lunch Session 3 Recorded 05/24/2016

This session of the Civil and Hydro Virtual Workshop provided an in-depth overview of new features and enhancements in Carlson 2017, covering updates across Civil, Survey, Hydrology, GIS, and Take off modules. Dave Carlson demonstrated performance improvements, new tools, and integration capabilities designed to streamline CAD and hydrology workflows.

Key Topics:

- Carlson 2017 new features and release timeline
- IntelliCAD 8.2 and solids functionality
- Enhancements in Survey, Civil, Hydrology, GIS, and Takeoff modules

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This session was presented by Dave Carlson on 05/24/2016.

2016 Virtual Classroom – Civil & Hydrology Virtual Workshop –

Session 2
Recorded 05/24/2016

This session from the Civil & Hydrology Virtual Workshop provides an in-depth look at creating and managing surfaces and grading in Carlson Civil and Survey. It covers triangulation, contour generation, break lines, merging surfaces, and practical grading workflows for real-world design projects.

Key Topics:

- Building surfaces from points, contours, and break lines
- Managing TIN files and contour labeling
- Using Field-to-Finish, triangulation, and surface editing
- Merging survey and GIS elevation data
- Grading pads, daylighting, and balancing cut/fill volumes

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This session was presented by Jennifer DiBona on 05/24/2016.

2016 Virtual Classroom – Civil & Hydrology Virtual Workshop – Session 1

Recorded 05/24/2016

This webinar, hosted by That CAD Girl, provides a detailed walkthrough of Carlson Civil and Hydrology tools, focusing on CAD productivity tips, polyline utilities, annotation techniques, and surface modeling workflows. Attendees learn practical methods for editing, labeling, and automating civil design elements within Carlson software.

Key Topics:

- GoToWebinar setup, PDH credit tracking, and participation instructions
- Polyline editing and 3D offset tools in Carlson Civil
- Annotation, labeling, and auto-annotate settings for survey drawings
- Layout utilities for roads, cul-de-sacs, and right-of-way design
- Point management, text rotation, and labeling pad elevations

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This session was presented by Jennifer DiBona on 05/24/2016.

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.

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.

Using Carlson Hydrology for Storm Drain Design

A Virtual Webinar Using Carlson Software – Learn to Design Storm Drains

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

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

Using Carlson Hydrology for Sanitary and Utility Design

A Virtual Webinar Using Carlson Software – Learn to Design Sanitary Sewer Networks

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

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

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

Using Carlson Hydrology for Detention Pond Design

A Virtual Webinar Using Carlson Software – Learn to Improve Hydrology Workflows

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

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

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