

# **Customizing Carlson for Erosion Control Permitting and Design – Session 2-3 Recorded 9/21/2023**

This webinar demonstrates advanced techniques for customizing Carlson Software for erosion control, permitting, and design workflows. It covers grading swales, creating stockpiles, managing surfaces, and automating plan set production using sheet sets and data links.

## **Key Topics:**

- Grading and modeling swales and ponds in Carlson Civil
- Surface management and triangulation techniques
- Automating erosion control plan sets with sheet sets
- Linking CAD tables with Excel for dynamic calculations
- Integrating GIS data and slope analysis

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

This session was presented by Travis Maxwell on 09/21/2023.

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# **Customizing Carlson for**

# **Erosion Control Permitting and Design – Session 2-2**

## **Recorded 9/21/2023**

This training session, led by Travis Maxwell, demonstrates advanced customization of Carlson Civil software for erosion control design, permitting, and hydrology workflows. The session covers watershed analysis, surface modeling, pond design, stormwater network setup, and sediment basin sizing techniques.

### **Key Topics:**

- Watershed analysis and surface preparation
- Time of concentration and runoff calculations
- Sediment basin and pond design using Carlson tools
- Storm Net setup and drainage network modeling
- Integration of hydrology and surface data for erosion control

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# **Customizing Carlson for**

# **Erosion Control Permitting & Design – Session 2-1**

## **Recorded 9-21-2023**

This webinar session, led by Travis and moderated by Jennifer, continues training on customizing Carlson Civil Suite for erosion control design. The presentation demonstrates workspace customization, creating line types, setting up base maps, and using GIS and hydrology tools to streamline erosion control workflows.

### **Key Topics:**

- Customizing Carlson Civil Suite workspace and menus
- Creating and managing custom line types and layers
- Building erosion control templates and legends
- Integrating GIS data and base maps
- Setting up sheet sets and map templates

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# **Customizing Carlson for Erosion Control Permitting &**

# Design 1-3

## Recorded 9/19/23

This training session covers advanced Carlson CAD workflows for erosion control and survey cleanup, including Excel-driven macros, layer translation, and automation using scripts and tool palettes. Participants learn how to streamline project setup, manage templates, and integrate GIS and public data into CAD workflows.

### Key Topics:

- Automating CAD notes and blocks using Excel and scripts
- Cleaning and translating survey layers
- Setting up templates, legends, and tool palettes
- Integrating GIS data and public map services
- Handling PDFs, symbols, and block libraries

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This session was presented by Travis Maxwell on 09/19/2023.

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# Customizing Carlson for Erosion Control Design – Session 1-1

# Recorded 09/19/2023.

This webinar introduces advanced customization techniques for Carlson Software's user interface, focusing on erosion control, permitting, and design workflows. Travis demonstrates how to modify menus, toolbars, and workspaces in IntelliCAD to streamline productivity for civil and environmental design professionals.

## Key Topics:

- Customizing Carlson's user interface (CUI)
- Creating and managing workspaces
- Combining modules (Civil, Hydrology, GIS, Survey)
- Editing menus, toolbars, and tool palettes
- Workflow optimization for erosion control design

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