

2022 Virtual Workshops 2-3 – Introduction to Carlson Recorded 11/17/2022

This session from the 2022 Carlson Virtual Workshops provides a detailed, walkthrough of Carlson Survey tools, including symbol insertion, field-to-finish workflows, surface creation, GIS imagery, annotation, legends, title blocks, and plotting. Participants learn practical CAD techniques for producing professional survey drawings and managing multi-sheet plan sets efficiently.

Key Topics:

- Carlson Survey commands and workflows
- Field-to-Finish, surfaces, and contour generation
- GIS imagery integration and plotting automation

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

This session was presented by Jennifer DiBona on 11/17/2022.

2022 Virtual Workshops 2-2 – Introduction to Carlson

Recorded 11/17/2022

This virtual training session introduces participants to Carlson Software's CAD tools, focusing on annotation settings, drawing templates, point management, and survey project workflows. Instructor Jennifer DiBona demonstrates practical commands and configuration strategies to standardize drafting and survey processes within Carlson.

Key Topics:

- Auto Annotate, Scalers, and Annotation Defaults
- Drawing Templates and Layer Libraries
- Importing and Managing Points (CRD files)
- Deed Entry, Translation, and Correlation Tools
- Survey Project Workflow and Best Practices

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This session was presented by Jennifer DiBona on 11/17/2022.

2022 Virtual Workshops 2-1 – Introduction to Carlson Recorded 11/17/2022

This virtual workshop introduces participants to Carlson Software 2023, focusing on setup, configuration, and best practices for new users. The session covers installation, interface customization, project folder organization, and annotation standards with

in Carlson Survey and IntelliCAD environments.

Key Topics:

- Carlson 2023 installation and version updates
- Interface setup and configuration (menus, ribbons, toolbars)
- Managing projects, data folders, and settings
- Understanding Carlson vs. CAD commands
- Annotation, text scaling, and drawing setup

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This session was presented by Jennifer DiBona on 11/17/2022.

Customizing Carlson to Increase Productivity 1-3

Recorded 10/12/2022

This follow-up training with Travis explores advanced customization techniques in Carlson Software to improve drafting efficiency and project management. The session covers tool palettes, macros, sheet sets, and automation using LISP and scripts for consistent CAD standards.

Key Topics:

- Loading and managing tool palettes
- Custom macros and layer management
- Sheet set setup and automation

- Using LISP and scripts for project data and layer overrides
- Best practices for legends, templates, and title blocks

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This session was presented by Travis Maxwell on 10/12/2022.

Customizing Carlson to Increase Productivity 1-2 Recorded 10/12/2022

This webinar continues the “Customizing Carlson to Increase Productivity” series, focusing on advanced customization of Carlson Software through tool palettes, scripts, blocks, and CAD standards. Presenter Travis demonstrates how to automate repetitive drafting tasks, standardize project templates, and improve efficiency across teams using Carlson and IntelliCAD.

Key Topics:

- Tool palette setup and automation
- Creating and managing blocks, layers, and line types
- Using scripts, Lisp files, and Excel integration
- Template and legend standardization
- Viewport color overrides and CAD standards consistency

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This session was presented by Travis Maxwell on 10/12/2022.

Customizing Carlson to Increase Productivity 1-1 Recorded 10/12/2022

This training session, led by Travis and hosted by That CAD Girl, demonstrates how to customize Carlson Software to improve drafting and design productivity. The session covers interface setup, tool palettes, macros, fonts, and workflow optimization for CAD professionals.

Key Topics:

- Carlson Software interface customization
- Toolbars, ribbons, and workspaces
- Tool palettes and macros
- Font and layer management
- Project setup, templates, and automation

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This session was presented by Travis Maxwell on 10/12/2022.

In Depth Carlson Hydrology with Travis Maxwell 2-3 Recorded 09/14/2022

This final session of the In-Depth Carlson Hydrology training series covers advanced hydrology modeling techniques using Carlson Hydrology and HydroNET. The instructor demonstrates stream delineation, stage-storage modeling, chamber design, and integration with HydroCAD for comprehensive stormwater management workflows.

Key Topics:

- StreamStats and drainage area delineation
- Stage-storage and chamber modeling in HydroNET
- Integration with HydroCAD for detention system design
- Table-based calculations and regression analysis
- Wet pond grading and detention pond detailing

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This session was presented by Travis Maxwell on 09/14/2022.

In Depth Carlson Hydrology with Travis Maxwell 2-2

Recorded 09/14/2022

This session is part of the In-Depth Carlson Hydrology training series, focusing on advanced hydrology design workflows in Carlson Civil and Hydrology. The instructor demonstrates practical tools for surface modeling, watershed analysis, detention pond design, and HydroNet modeling.

Key Topics:

- Linear and path arrays in Carlson CAD
- Importing and refining Google surfaces
- Watershed and runoff tracking analysis
- Creating detention ponds and HydroNet modeling
- Stage-storage and stage-discharge design with risers, orifices, and spillways

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This session was presented by Travis Maxwell on 09/14/2022.

In Depth Carlson Hydrology with Travis Maxwell 2-1 Recorded 09/14/2022

This session continues the in-depth Carlson Hydrology training, focusing on collection systems, utility networks, and HydroNet detention modeling. Travis demonstrates advanced workflows for managing project files, creating

profiles, checking crossings, and setting up hydrologic models in Carlson Civil and Hydrology.

Key Topics:

- Carlson Hydrology collection system and utility network management
- Crossings, parallel pipes, and clearance checks
- HydroNet setup, detention design, and hydrograph generation

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This session was presented by Travis Maxwell on 09/07/2022.

In Depth Carlson Hydrology with Travis Maxwell 1-3 Recorded 09/07/2022

This session continues the in-depth Carlson Hydrology training with a focus on storm sewer network modeling, watershed delineation, and hydraulic grade line analysis. Instructor Travis Maxwell demonstrates practical workflows for drainage area setup, pipe sizing, spread analysis, and custom symbol management within Carlson Civil software.

Key Topics:

- Watershed delineation and drainage area setup
- Sewer network modeling and hydraulic grade line (HGL) anal

ysis

- Pipe slope adjustments and capacity troubleshooting
- Spread and ponding depth calculations
- Custom symbol creation and management in Carlson

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This session was presented by Travis Maxwell on 09/07/2022.