That CAD Girl

What features & menus are in Carlson Takeoff with embedded AutoCAD (OEM)? (a running thread)

August 20, 2016
FAQ: What are the latest improvements in Carlson Software?

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That CAD Girl

Features and Benefits of Takeoff 2017 (R9) with embedded AutoCAD (OEM)

Carlson Takeoff is a cut/fill volumes and data prep (for layout or machine control) program that can estimate jobs using paper plan digitizing, PDFs, or electronic CAD files which is ideal for CAD management.

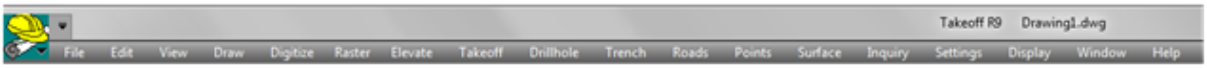
Key features include:

- Calculate site cut & fill and topsoil
- Differentiate strata volumes & dirt vs. rock
- Accurately determine subgrade quantities
- Estimate trench and pipe quantities
- Estimate roadways from cross-sections
- Prepare the design info for exact staking
- Create a 3D model for machine control

Menus in Takeoff 2017 (R9) with embedded AutoCAD (OEM)

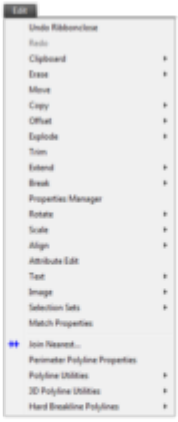
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Menu bar in Takeoff 2017 (R9)

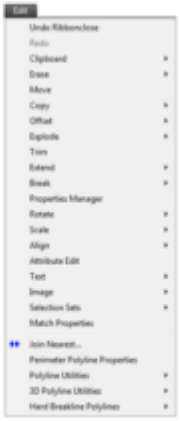


The menus below are available in Carlson Takeoff 2017 (R9) with embedded AutoCAD (OEM)

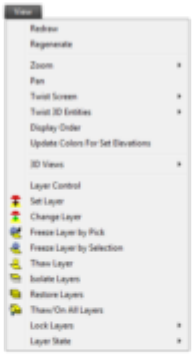
File Menu



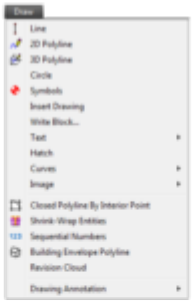
Edit Menu



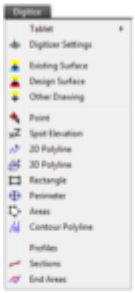
View Menu


View
Redraw
Regenerate
Zoom
Pan
Twist Screen
Twist 3D Entities
Display Order
Update Colors For Set Elevations
3D Views
Layer Control
Set Layer
Change Layer
Freeze Layer by Pick
Freeze Layer by Selection
Thaw Layer
Isolate Layers
Restore Layers
Thaw/On All Layers
Lock Layers
Layer State

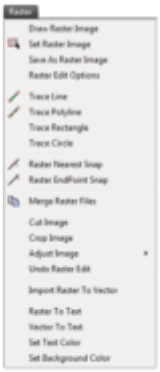
Draw Menu



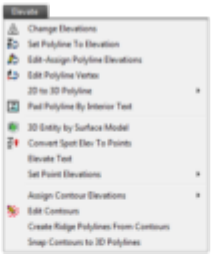
Digitize Menu


Digitize
Tablet
Digitizer Settings
Existing Surface
Design Surface
Other Drawing
Point
Spot Elevation
2D Polyline
3D Polyline
Rectangle
Perimeter
Areas
Contour Polyline
Profiles
Sections
End Areas

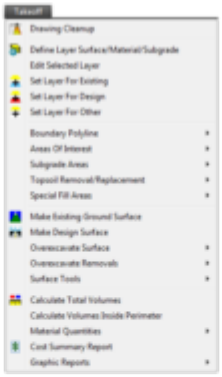
Raster Menu



Elevate Menu



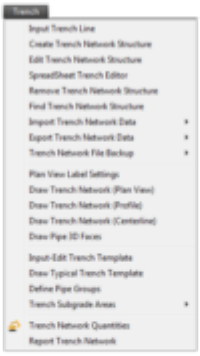
Takeoff Menu



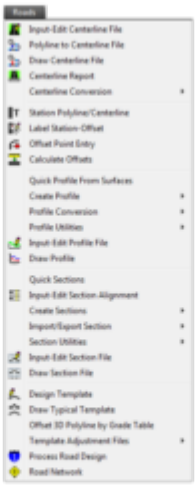
Drillhole Menu


Drillhole
Drillhole/Strata Settings
Drillhole Import
Place Drillhole
Edit Drillhole
Label Drillhole
Strata Polylines
Reports
Make Strata Surfaces
Clear Strata Surfaces
Draw Strata Cut Depth Contours
Erase Strata Cut Depth Contours
Draw Strata Cut Color Map
Erase Strata Cut Color Map
Draw Strata Surface
Erase Strata Surface

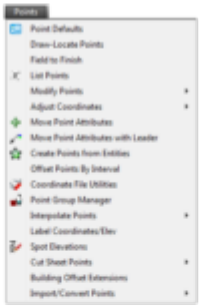
Trench Menu


Trench
Input Trench Line
Create Trench Network Structure
Edit Trench Network Structure
SpreadSheet Trench Editor
Remove Trench Network Structure
Find Trench Network Structure
Import Trench Network Data
Export Trench Network Data
Trench Network File Backup
Plan View Label Settings
Draw Trench Network (Plan View)
Draw Trench Network (Profile)
Draw Trench Network (Centerline)
Draw Pipe 3D Faces
Input-Edit Trench Template
Draw Typical Trench Template
Define Pipe Groups
Trench Subgrade Areas
Trench Network Quantities
Report Trench Network

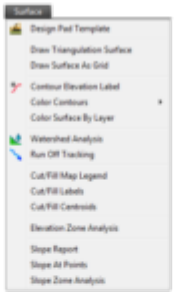
Roads Menu


Roads
Input-Edit Centerline File
Polyline to Centerline File
Draw Centerline File
Centerline Report
Centerline Conversion
Station Polyline/Centerline
Label Station-Offset
Offset Point Entry
Calculate Offsets
Quick Profile From Surfaces
Create Profile
Profile Conversion
Profile Utilities
Input-Edit Profile File
Draw Profile
Quick Sections
Input-Edit Section Alignment
Create Sections
Import/Export Section
Section Utilities
Input-Edit Section File
Draw Section File
Design Template
Draw Typical Template
Offset 3D Polyline by Grade Table
Template Adjustment Files
Process Road Design
Road Network

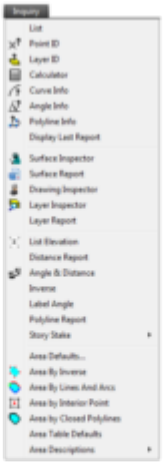
Points Menu



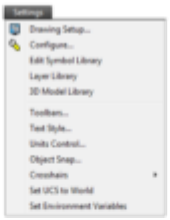
Surface Menu



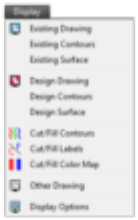
Inquiry Menu



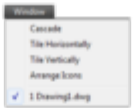
Settings Menu



Display Menu

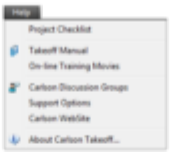

Display
Existing Drawing
Existing Contours
Existing Surface
Design Drawing
Design Contours
Design Surface
Cut/Fill Contours
Cut/Fill Labels
Cut/Fill Color Map
Other Drawing
Display Options

Window Menu


Window
Cascade
Tile Horizontally
Tile Vertically
Arrange Icons
1 Drawing1.dwg

Help Menu

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