#### 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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#### 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)

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

107		
	Redress	
	Regenerate	
	Zoom	
	Fan	
	Twist Screen	
	Twist 3D Entities	
	Display Order	
	Update Colors For Set Devations	
	30 Views	
	Layer Control	
Ŧ	Set Layer	
1	Change Layer	
-	Freeze Layer by Pick	
÷	Freeze Layer by Selection	
4	They Layer	
	Isolate Layers	
•	Restore Layers	
9	Than/On All Layers	
	Lock Layers	
	Layer State	

Draw Menu

1	Line	
1	2D Polyline	
e	3D Polyline	
	Circle	
٠	Symbols	
	Inset Drawing	
	Write Block	
	Tet	
	Hatch	
	Curves	
	Image	
13	Closed Polyline By Interior Point	
-	Shvink-Wap Entities	
122	Sequential Numbers	
0	Building Envelope Polyline	
	Revision Cloud	
	Drawing-Annotation	

Digitize Menu

	Pice -	
	Tablet	
٠	Digitizer Settings	
	Existing Surface	
	Design Surface	
Ŧ	Other Drawing	
٠	Point	
ъZ	Spot Elevation	
15	20 Polyline	
ø	30 Polyline	
	Rectangle	
$\oplus$	Perimeter	
D.	Areas	
14	Contour Polyline	
	Profiles	
-	Sections	
	End Areas	

Raster Menu

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Rater To Test Vector To Test Set Test Color Set Background Color		Import Raster To Vector	
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Set Text Color Set Background Color		Vector To Text	
Set Background Color		Set Text Color	
		Set Background Color	

Elevate Menu

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	vate	
Δ	Change Bevations	
ŧ٥,	Set Polyline To Elevation	
Ð	Edit-Assign Polyline Devations	
25	Edit Polyline Vertex	
	20 to 30 Polyline	
	Pad Polyline By Interior Test	
۰	30 Entity by Surface Model	
÷.	Convert Spot Dev To Points	
	Elevate Text	
	Set Point Devations	
	Assign Contour Elevations	
8	Edit Continues	
	Create Ridge Polylines From Contours	
	Snap Contours to 3D Polylines	

Takeoff Menu



Drillhole Menu

-	Drithole/Strata Settings	
	Dritthole Import	
	Place Dritthole	
	Edit Drillhole	
	Label Drillhole	
	Strata Polylines	1
	Reports	
	Make State Soferm	
	Clear Strate Surfaces	
	Dave David C + David Contract	
	Craw strate Col Depth Contours	
	Erece Strate-Cut Depthy Corriburs	
	Draw Strata Cut Color Map	
	Erese Strata-Cut Color Map	
	Draw Strata Surface	
	Ensue Strata Surface	

**Trench Menu** 



**Roads Menu** 



**Points Menu** 



Surface Menu



**Inquiry Menu** 



Settings Menu

10	ings -	
۵	Drawing Setup	
٩	Configure	
	Edit Symbol Library	
	Layer Library	
	3D Model Library	
	Toolbars	
	Text Style	
	Units Control	
	Object Snep	
	Cresshairs	
	Set UCS to World	
	Set Environment Variables	

Display Menu



Window Menu



Help Menu



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