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Autodesk Products Tip & Tricks

Product: AutoCAD Civil 3D 2009

Topic:Using Reference Text in Civil 3D Labels

- Written by: Erik Wolf, ISD Technical Engineer
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When working with AutoCAD Civil 3D 2009 there will come a time when you may need to include information from another object type inside of a label. This can be achieved using a Reference Text component inside of a label. In the following example, a lot line needs to include point number information to create a course label (see Figure 1).



Figure 1

To create this label we will use multiple components (see figure 2)



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Figure 2

In this label, the FROM POINT and TO POINT components are reference text. To add reference text components from the create text component drop down select Reference Text (see figure 3).

🔄 Label Style Composer - LOT I	LINE POINT TO POINT	
Information General Layout Drag	ged State Summary	
Component name:		Preview
Table Tag 🗸 🗸 🗸		
Property	` 🗛 🖌 Text	
🗆 General	🏏 Line	5
Name	📋 Block	
Visibility	Direction Arrow	a www.
Used in	🕱 Reference Text	¥£‡ *€
Anchor Component	~	1400
Anchor Point	Label Location	N BALL AT
Span outside segments	false	****
E Text		
Contents	L<[Parcel Line Nu	8
Text Height	0.1000"	2 EE

Figure 3



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In this example, we are going to add a Cogo Point component for the FROM POINT and a Cogo Point Component for the TO POINT (see figure 4).

⊾ Label Style Composer -	LOT LINE POINT TO POINT
Information General Layout	Dragged State Summary
Component name:	Preview
Property	Value 🔼
🗉 General	
Name	🔄 Select Type 🛛 🔀
Visibility	
Used in	üligement
Anchor Component	Cogo Point
Anchor Point	Parcel Profile
Span outside segmen	Surface
🗆 Text	
Contents	
Text Height	
Rotation Angle	
Attachment	OK Cancel Help
X Offset	0.0000
Y Offset	0.0250"
Color	BYLAYER

Figure 4

When adding this label to an object you will be prompted to select the Cogo Point for the reference text component. The name of the component in the label style is what will appear in the command line prompts (see figure 5).

K	I ∢ ▶ ▶ Model / Layout1 / Layout2 /
	Command:
	Select point on entity:
	Select cogo Point for label style component FROM POINT:
	Select cogo Point for label style component TO POINT:
	Select point on entity:
	command:
loc	

Figure 5