



Knowledge Base Topic:

Convert an existing (non-DOT) .CTB drawing file to use FDOT.STB

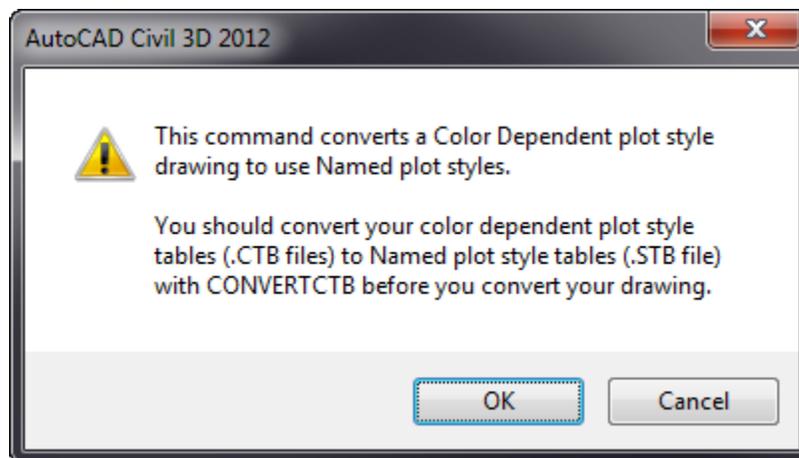
Software: AutoCAD all versions

The FDOT.STB plot style file from the Civil 3D State Kit works only with .STB plot style assigned drawings for all drawings and references. Otherwise, the Plot engine cannot properly process the file and you then end up with a blank plot as well as not be able to see *.STB file choices in the plot options. Drawings not originally created with name based plot styles assigned will exhibit this behavior. A system variable controls initial settings.

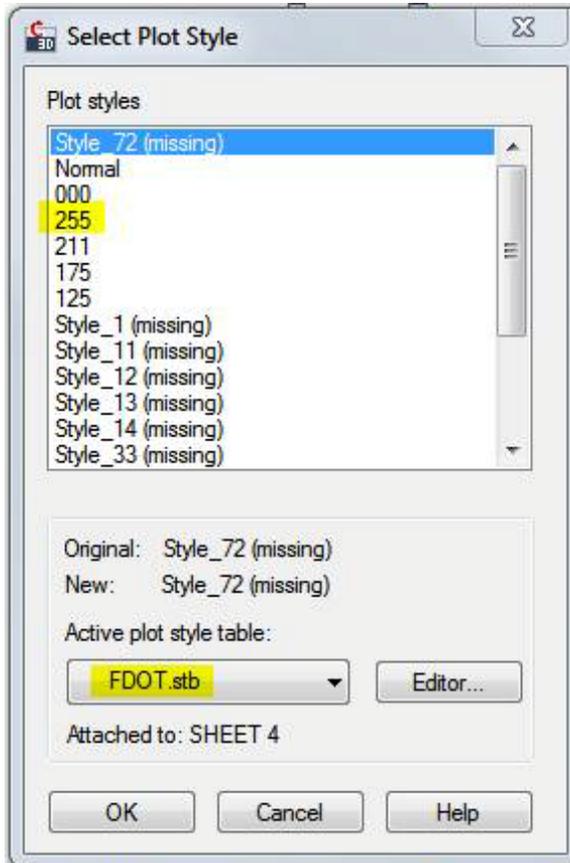
- *PSTYLEPOLICY = 1* for color based plot styles.
- *PSTYLEPOLICY = 0* for style based plot styles. Correct setting.

Once a drawing is created incorrectly it can be converted using this directions.

1. Check to make sure the drawing you are attempting to plot is indeed a STB based drawing (also known as Name or Style based tables). To do this, run CONVERTPSTYLES at the command. If you see this screen prompt, your drawing is CTB and you will need to convert your files to .STB. Check also all external references attached if applicable.



2. If you are using a .CTB file you will first need to convert your .CTB plot style to a .STB plot style . The FDOT.STB file cannot be used directly in this step because it does not contain a color mapping table. To do this, run **CONVERTCTB** at the command. Select your current .CTB table that works with your layer scheme. Result will be YourNamedPlotStyle.STB.
3. Open drawing file and run **CONVERTPSTYLES**. Pick the YourNamedPlotStyle.STB plot style.



4. Next you will need to make a couple of initial adjustments to the layers to make them work with the FDOT.STB. Open up the Layer Property Manager in each drawing. Select all layers using the rt.-click menu option. Click in the Plotstyle column. Per the screen shot, select FDOT.STB as the active plot style table and select style listed to "255". That is the most common plot style for FDOT layers that prints black.

5. Go ahead and apply the FDOT.STB to the Layouts when you plot for the first time. Remember style based drawings use the layer information such as line weight and line type for printing. You may want to familiarize yourself with the FDOT.STB table. It is suggested that you run a test plot of each file you convert and adjust those drawing layer's FDOT plot styles or line weights as needed.