## **CDOT Printer Driver Adjustments**



The default Print Driver for MicroStation has been set up for 11x17 printing and should not have to be edited. However, printers can vary in the naming convention for 11x17 inch sized paper. If the default paper size does not set automatically, you should try making the following adjustments. The CDOT default printer driver is located under: C:\Program Files\Workspace-CDOT\Standards-Global\MicroStation\Plotter Driver\.

The name of the file is **CDOT\_DefaultPrinter.plt**. Open the file using Notepad. You will see this display after the file is opened.

3	DOT	-Defaul	tPrint	ter.plt - Notepad		
File	Edit	Format	View	Help	10-00-00	
		Colo	rado	Department of Transportation	^	
;;;;		Use	on W	indows to print to a system default printer		
;  ;		crea	теа: 	01/26/2004 PWC	=	
;;;;	You dev	u may /ice b	prod y se	uce non-halftoned monochrome output on a color tting "num_pens=1".		
	When thin vector elements with highly saturated colors are half-toned, they can be extraordinarily difficult to see. You may wish to assign such element colors to a specific pen. That pen can in turn be assigned an RGB value of your choice.					
;;;;;	For example, to change element color 5 from a hard to see, highly saturated white to an easier to see gray you could use the following line:					
; 	4040			pen(6)=(5)/rgb=(230, 230, 230) ; gray		
num	_per	15 =	6	; required record		
#sy to	spri set	inter a pri	/nam nter	="\\computer\printer"/form=Tabloid/orientation=landscape path	;can use this	
str rot	oke_ ate= ocer	_toler ≕none ⊐ter	ance	=10 ; unitless num 0 < tol < 10		
cha	nge_	_pen =	botl	h ; options are color, weight, level or both	1	
siz sys #sy #sy	<u>e=(1</u> prir spri	1.17) hter / inter inter	/num form /form /form	=0/off=(0.0)/scale=100/name="Tabloid" ="11x17"/orientation=landscape/full sheet/ ; m="Tabloid"/orientation=landscape/full sheet/ ; m="x 17"/orientation=landscape/full sheet/ ;	Paper: 11x17 Paper: Tabloid Paper: 11"x 17"	

The line items highlighted in the above screen capture need to be edited to enable the system printer feature in the printer driver.

The first line item is active by default because it does not have the "#" symbol in front of the line. Having the "#" symbol at the beginning of the line disables that command line.

## **CDOT Printer Driver Adjustments.pdf**

Check the preferences on the printer you will be printing to for the sheet size defined by the printer. Typically the sizes will be one of the three: *11x17*, *Tabloid* and *11"x17"*. If the printer defines a sheet size other than *11x17*, you will need to edit the CDOT-DefaultPrinter.plt file.

File Edit Format View Help			
pen(6)=(5),	/rgb=(230, 230, 230) ; gray		
num_pens = 6 model = sysprinter #sysprinter /name="\\comput to set a printer path stroke_tolerance=10 rotate=none autocenter	; required record er\printer"/form=Tabloid/orientation=la ; unitless num 0 < tol	ndscape ;can use this < 10	
change_pen = both ; options are color, weight, level or both			
size=(11_17)/num=0/off=(0_u	))/scale=100/name="Tabloid"		
sysprinter /torm="llxl/"/o #sysprinter /form="tabloid #sysprinter /form="x 17"/o	'lentation=landscape/full sheet/ 'orientation=landscape/full sheet/ 'ientation=landscape/full sheet/	; Paper: 11x1/ ; Paper: Tabloid : Paper: 11"x 17"	

To edit the *plt* file with the correct sheet size preference, add a "#" symbol to the beginning of the 11x17 sheet size line. This will make the 11x17 option inactive and allows you to select either the *Tabloid* or the 11"x17" option. Simply remove the "#" symbol from the line for the option needed.

Once the file has been edited, save a copy of CDOT-DefaultPrinter.plt in your project's Plot\_Sets folder. If you save the changes back to the original file located at C:\Program Files\Workspace-CDOT\Standards-Global\MicroStation\Plotter Driver\, the file will be overwritten the next time you log into your workstation.

😤 Select Printer Driver File 🛛 🛛 🔀								
File Directory								
Files	Directories:							
CDOT-DefaultPrinter.plt	C:\Projects\12345\Plot_Sets\							
	C:\ Projects 12345 Plot_Sets AD FIR FIR FOR ROWPR	<u>QK</u> Cancel						
List Files of <u>Type</u> :	Dri <u>v</u> es:							
Printer Driver Files [*.plt]	🖃 C: 💽	<u>H</u> elp						

## **CDOT Printer Driver Adjustments.pdf**

In the **Print** dialog box, <**D**> the **Search** icon next to *Windows Printer*. Navigate to your project's **Plot\_Sets** directory and select the edited *plt* file. This will now become the default settings until you select a different *plt* file.



Once you have selected the correct *plt* file, you will notice the Paper size is defaulting to these new settings and the print preview is now correct.

😫 Print HP DeskJet 1220C (CDOT-DefaultPrinter.plt) 💦 🖃 🖂 🔀							
<u>Fi</u> le <u>C</u> onfiguration <u>S</u> ettings <u>P</u> enTable							
General Settings <u>Area:</u> Fence  Face Fence Fenc							
Windows Printer     Q     Image: Size       Windows Printer     Q     Image: Size       Paper:     Tabloid     Image: Tabloid       Total area:     17 x 11 in.       Landscape     Image: Full Sheet	<ul> <li>✓ Show design in preview</li> <li>▲</li> <li>✓ Show usable area in preview</li> </ul>						
Print Scale and Size           100.000 ' (dgn) to 1 in. (paper)           Print Scale:         100.000           Q           X:         17.000           Y:         111.000	Print Position         X Origin:       Y Origin:         0.000       in.         0.000       in.         ✓       Auto-genter						