Workflow MP 2 - Printer Driver Adjustments

This document guides you through the basic steps you will need to edit a CDOT Printer Driver.

The Print Driver configuration file format was changed with MicroStation XM and is now stored in XML format. Each of the new print driver configuration files now has an extension **.pltcfg**. Each default Print Driver configuration file has default settings that should not have to be edited. However, printers can vary in the naming convention for 11x17 inch sized paper and default plotters are usually not set as user default printers. If the default paper size does not set automatically, you can make the necessary adjustments. Also, if you have a default plotter, you can set the network path in the printer driver configuration path. The CDOT default printer driver configuration file is located under: *C:\Workspace\Workspace-CDOT_V8i\Standards-Global\MicroStation\Plotter Driver*.

1. The name of the file is *CDOT_DefaultPrinter_V8i.pltcfg*. *Open* the file from within MicroStation V8i using the *Print Driver Configuration Editor*. It can be invoked from the *MicroStation Print* dialog's *File/Edit Printer Driver Configuration* menu.



2. Navigate to *C:\Workspace\Workspace-CDOT_V8i\Standards-Global\MicroStation\Plotter Driver* and *open* the printer driver.

📕 Select Printer I	Driver Configuration File - C:\Workspace\Workspace-CDOT_V8i\Standards	×
Look in:	🔋 📔 Plotter Driver 🗸 🎯 🍺 📂 📰 🗸 💈	i 谢
Recent Places Desktop Libraries	Name CDOT-DefaultPlotter_V8i.pltcfg CDOT-DefaultPrinter V8i.pltcfg CDOT-PDFDraftQuality_V8i.pltcfg CDOT-PDFHighQuality_V8i.pltcfg CDOT-ROW-DefaultPlotter_V8i.pltcfg CDOT-ROW-DefaultPrinter_V8i.pltcfg CDOT-ROW-DefaultPrinter_V8i.pltcfg CDOT-Shaded_PlotterDriver_V8i.pltcfg	_
Computer Computer Network	<	en n cel

3. You will see this display after the file is opened.

CDOT-DefaultPrinter_V8i - Printer Driver Configuration	×
File	
General Base Properties Paper Sizes Color Maps Weight Maps Line Styles Font Maps Programs	
File Name:	
C:\Workspace\Workspace-CDOT_V8i\Standards-Global\MicroStation\Plotter Driver\CDOT- DefaultPrinter V8i.pltcfg	
Driver:	
Bentley Windows printer driver	
Notes:	
CDOT Plot Config File CDOT-DefaultPrinter_V8i.pltcfg for 17" x 11" printing using Windows printers	

Setting the Default Form Size

K CDOT-DefaultPrinter_V8i - Printer Driver Configuration						×		
File								
General	Base Properties	Paper Sizes	Color Maps	Weight Maps	Line Styles	Font Maps	Programs	
Ger	neral							*
Wir	ndows Printer							~
Defa	ult Windows Print	er Name						
Defa	ult Form Name			17x11				
Deta	ult Tray Name							
Full	Sheet Mode			True				
Orie	Orientation			Default Or	ientation			
Defa	ult Create Metafile	в		False				
Def	ault Print File N	ame						*
Prin	nt Border							*
Ras	ter Printing							*
Adv	anced							*

- 1. The line item highlighted in the above screen capture needs to be edited with the proper sheet size definition for the default printer. Check your printer preferences for the sheet size definition. Typically the sizes will be one of the three: **11x17**, *Tabloid* or **"11x17"**.
- Once the file has been edited, save a copy of *CDOT-DefaultPrinter_V8i.pltcfg* in your project's *Plot_Sets* folder. If you save the changes back to the original file located at *C:\Workspace\Workspace-CDOT_V8i\Standards-Global\MicroStation\Plotter Driver*, the file will be overwritten the next time you log into your workstation.

K Save Printer Driver Configuration File						
🚱 🗢 📕 « Projects 🕨 12348 🕨 Ple	P					
Organize 🔻 New folder	:= - ②					
 12346 12348 Bridge Construction Consultants Design Hydraulics Landscape_Environmental Materials_Geotechnical Miscellaneour 	Name	PR		Date modified 1/11/2010 8:11 11/21/2007 2:38 11/21/2007 2:38 11/21/2007 2:38		
Planning		III		•		
File name: CDOT-DefaultPrinter_V8i.pltcfg Save as type: Printer Driver Configuration Files (*.pltcfg)						
) Hide Folders			Save	Cancel		

In the Print dialog box, <D> the Search icon next to the Bentley driver. Navigate to your project's Plot_Sets directory and select the edited pltcfg file. This will now become the default settings until you select a different pltcfg file.

Print Xerox Phaser 8560N PS (CDOT-DefaultPrinter_V8i.pltcfg)
<u>File</u> <u>Settings</u> <u>P</u> enTable
General Settings
Area: Fence Rasterized
View: View 1
Color: True Color Copies: 1
Pen table: Tables/Pen/CDOT-Pen Table.tbl
Printer and Paper Size
Windows driver
Paper: Letter
Total area: 11 x 8.5 in.
Landscape ▼ Send to printer ▼ Show design in preview
Print Scale and Position
Scale: 154.545 Q 1 in. (paper) to 154.545 ' (design)
Size: 11.000 7.118 in. + Maximize Rotation: None
<u>O</u> rigin: 0.000 0.691 in. ☑ Auto- <u>c</u> enter

4. Once you have selected the correct *pltcfg* file, you will notice the *Paper* size is defaulting to the new settings and the print view is now correct.

📕 Print Xerox Phaser 8560N PS (CDOT-DefaultPrinter_V8i.pltcfg)					
<u>File</u> <u>Settings</u> <u>P</u> enTable					
General Settings					
Area: Fence Rasterized					
View: View 1					
Color: True Color Copies: 1					
Printer and Paper Size					
Windows driver 🔍 🥄 沢 Full					
Paper: [17x11					
Total area: 17x 11 in.					
Landscape ▼ Send to printer ▼ Show <u>d</u> esign in preview					
Print Scale and Position					
Scale: 100.000 Q 1 in. (paper) to 100.000 ' (design)					
Size: 17.000 11.000 in. 🕂 Maximize Rotation: None 🔻					
<u>O</u> rigin: 0.000 0.000 in. ♥ Auto- <u>c</u> enter					

Setting the Default Plotter Path

The default path for a plotter or non default printer can be edited and set inside the *Print Configuration* file.

1. The name of the file that should be edited for a default plotter is *CDOT_DefaultPlotter_V8i.pltcfg*. *Open* the file from within MicroStation V8i using the Print Driver Configuration Editor. It can be invoked from the MicroStation Print dialog's File > Edit Printer Driver Configuration menu.

Print Xerox Phaser 8560N PS (CDOT
File Settings PenTable
Open Print Definition File
Save Print Definition File
Configure Windows Printer
Pre <u>v</u> iew
<u>P</u> rint
Select Windows Printer
Select <u>B</u> entley Driver
Edit Printer Driver Configuration
Reload Printer Driver Configuration
E <u>x</u> it

2. Navigate to *C:\Workspace\Workspace-CDOT_V8i\Standards-Global\MicroStation\Plotter Driver* and open the printer driver.

K CDOT-DefaultPrinter_V8i - Printer Driver Configuration				
File				
General Base Properties Paper Sizes Color Maps	Weight Maps Line Styles Font Maps Programs			
General		*		
Windows Printer		*		
Default Windows Printer Name				
Default Form Name	1/x11			
Default Tray Name				
Full Sheet Mode	True			
Orientation	Default Orientation			
Default Create Metafile	False			
Default Print File Name		*		
Print Border		*		
Raster Printing		*		
Advanced		*		

3. The line item in the above screen capture needs to be edited with the proper default plotter path. Typically the path will be: **\\Server_Name\Plotter_Name**.

CDOT-DefaultPrinter_V8i - Printer Driver Configuration					
File					
General Base Properties Paper Sizes Color Ma	aps Weight Maps Line Styles Font Maps Programs				
General		*			
Windows Printer		~			
Default Windows Printer Name	\\Server_Name\Plotter_Name				
Default Form Name	1/x11				
Default Tray Name					
Full Sheet Mode	True				
Orientation	Default Orientation				
Default Create Metafile	False				
Default Print File Name		*			
Print Border		*			
Raster Printing		*			
Advanced		*			