LAB 22 - Printing to a Printer

In this lab, you'll plot a single sheet to the classroom 11 x 17 printer.

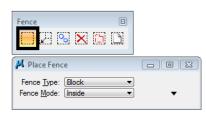
Chapter Objectives:

After completing this exercise you will know how to:

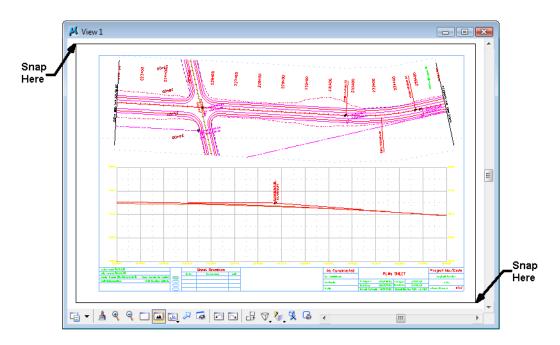
- Prepare a single sheet for printing.
- Print an 11x17 sheet to a printer.

Lab 22.1 - Prepare the sheet for plotting

- 1. Start MicroStation and open **12345PDES_PnP9.dgn** from the project's ...**\Design\Drawings** folder.
- 2. Fit the view.
- 3. Use the Edit Text command and edit the border text to add your initials as the Designer.
- 4. Select Place Fence and set the Fence Type to Block and Fence Mode to Inside.



5. **Snap** (<**T**>, then <**D**>) to the corners of the outer-most shape that goes all the way around the plan and profile sheet to place the fence.



Lab 22.2 - Print the sheet (classroom printer)

1. Select File > Print or choose the Print icon from the Standard toolbar.



- 2. From the Print dialog box, select File > Select Windows Printer and double-click on the Denver-HP1700 printer.
- 3. Set the dialog as shown here. Be sure to set the **Print Scale** to **100**.

😤 Print \\a-co-print\Denver-HP1700 (CDOT-DefaultPrinter_XM.pltcfg) 🛛 💼 📧
<u>File</u> <u>C</u> onfiguration <u>Settings</u> <u>P</u> enTable
🍓 Q: 🕀 ☷ 🕒 🔹 🖣
General Settings
Area: Fence Rasterized
View: View 1 💌
Color: True Color Copies: 1
Pen table: CDOT-Pen Table.tbl
Printer and Paper Size
Windows driver
Paper: 11"x 17"
Total area: 17 x 11 in.
Landscape Send to printer Show design 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>Qrigin:</u> 0.000 0.000 in.

4. Select the **Print** icon or **File > Print**.

The file is printed to the 11x17classroom plotter.

- *Note:* For tips on printing raster references (e.g. aerial photos), see the workflow **Printing Raster Images**.
- 5. Do not exit. Keep MicroStation open for the final plotting exercise.

Lab 22.3 - Print the sheet (CDOT workflow)

1. Select File > Print or choose the Print icon from the Standard toolbar.



2. If prompted, select CDOT-DefaultPrinter_XM.pltcfg for the print driver, and then select OK.

<u>File</u> <u>C</u> onfiguration <u>S</u> ettings <u>P</u> enTable
General Settings
Area: Fence Rasterized
View: View 1 ▼
Color: True Color Copies: 1
Pen table: CDOT-Pen Table.tbl
Printer and Paper Size
Windows driver 🔻 🔍 👫 📝 Full
Paper: 17x11
Total area: 17x 11 in.
Landscape Send to printer Show design 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>Or</u> igin: 0.000 0.000 in. ♥ Auto-genter

3. Set the dialog as shown here. Be sure to set the **Print Scale** to **100**.

4. Select the **Print** icon or **File > Print**.

Note: For tips on printing raster references (e.g. aerial photos), see the workflow **Printing Raster Images**.

5. Do not exit. You'll keep MicroStation open for the final plotting exercise.

Optional Exercise

- 1. Open the **12345BRDG_Plan01.dgn** file from the project's ...**\Bridge\Drawings** folder.
- 2. Plot the sheet to the classroom printer. Be sure to set the **Print Scale** to **40**.
- 3. Do not exit. You'll keep MicroStation open for the final plotting exercise.