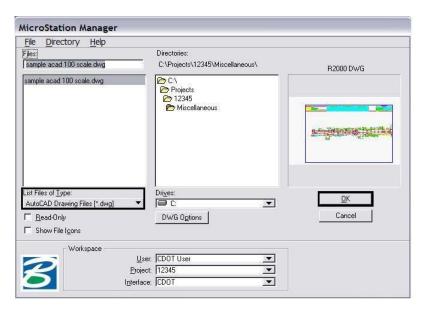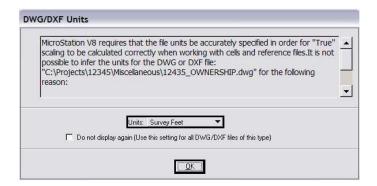# CDOT Printing AutoCAD Files in MicroStation

This document guides you through printing AutoCAD files in MicroStation.

Opening an AutoCAD file in MicroStation

1. From the **MicroStation Manager**, open an AutoCAD (*.dwg) drawing file. Change **List Files of Type** to ***AutoCAD Drawing Files (*.dwg)*** to view all the AutoCAD files residing in the specified directory. Select a file and <D> **OK**.
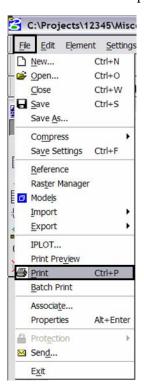

2. The **DWG/DXF Units** dialog box will appear. Verify the **Units** are set to ***Survey Feet*** and <D> **OK**.

Note: If the AutoCAD drawing file contains the ***WWWW*** PICS linestyle then change these elements and place them on the standard CDOT MicroStation Level called ***ROW_MONUMENT_City-Limit-Line-Text*** and update to use bylevel symbology.
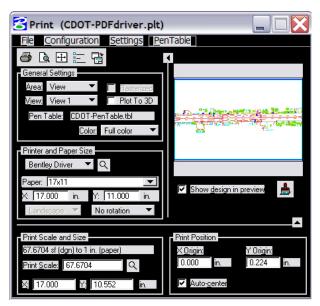
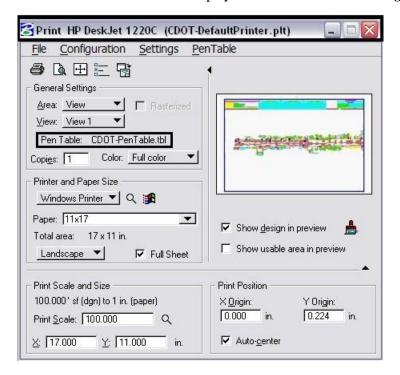3. Select **File > Print** to open the **Print** dialog box.

Optionally, **<D>** the printer icon on the **Standard Tool Bar**.

Note: If the print dialog box does not show up or is black when opened, close and reopen it. This will fix the problem.
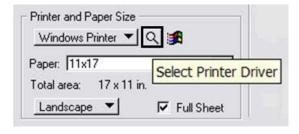
4. The current **Printer Driver** will display in the title bar at the top of the Print dialog box and the current Pen Table is displayed under the *General Settings* area.

Note: If you are printing Sheet Layouts, *Print Scale and Size* settings will update automatically. If you are printing from a Model Layout set the scale as desired. For more information or additional printing questions, see the workflow document *CDOT MicroStation Printing*.
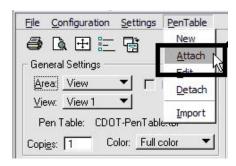
5. The default Printer Driver is **CDOT-DefaultPrinter.plt** and the default Pen Table is **CDOT-PenTable.tbl**. To change the Printer Driver, <D> the magnifying glass located under *Printer and Paper Size*.
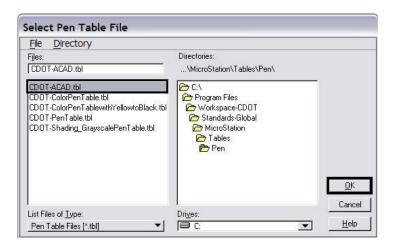
6. Three printer drivers are available. ***CDOT-PDFdriver.plt*** should be used for the creation of Adobe PDF files and ***CDOT-DefaultPrinter.plt*** should be used to send plots to the default printer. ***CDOT-Shaded_Printerdriver.plt*** is for printing MicroStation files only.

7. For printing AutoCAD files, change the Pen Table. Select **PenTable > Attach** from the pull-down menu.

8. Select the ***CDOT_ACAD.tbl*** Pen Table. The other options are for printing MicroStation Files only. **<D> OK**.

Note: The ***CDOT-ACAD.tbl*** includes the standard colors and pen weights represented in the **CDOT Design Manual - Volume IV, Section 6.2.8**. If the standard colors were not used, the printout will contain actual colors or a grey scale representation of that color. To get a correct print out, the user must update the file to match the **CDOT Design Manual.**

9. Once everything has been set, **<D>** the print ![printer icon] icon. This will send your plot to the designated printer.

10. If you selected the ***CDOT-PDFdriver.plt*** as the printer driver to create an Adobe PDF file, you will be prompted to define a file name and a location to save the PDF file.

Save Print As

File   Directory

Files:

12345PlanProfile.pdf