

Revision Date: **October 16, 2015**

Documentation:

The MicroStation V8i SELECTseries 3 pen tables are located in the following directory:

..\ODOTcadd\Standards\pltcfg\

The pen table, **ODOTcadd_Pen.tbl**, emulates functionality from ODOT's IPLOT pen tables. Modifications include the following:

- Gray shading of cross section grids.
- Gray shading of references based on logical names matching the string "gray*.*".
- Corporation boundary shading for title sheet area maps.
- Route shield fills for title sheet area maps.
- Text masking of outlined text.
- Shading by level. Shading levels with preset values for gray colors.

The optional Shading levels use the following gray colors:

SC_Shading1 uses Color=41
SC_Shading2 uses Color=43
SC_Shading3 used Color=45

- **Masking** - is an option to hide specific areas on a plan sheet. No elements will show underneath.

The Masking level plots all elements or filled shapes as White to mask any elements underneath. The ODOTcadd_Pen.tbl plots and fills shapes based on the following masking level:

SH_Masking – uses Color = **255** (Background Color)

Note: To create a border around the shape change the color and place the shape using the Fill Type set to Outlined.

- Mapping all other elements to black.
- Text replacement for plot wrapper on sheet borders that contains file name, date, time and username using Printing Accounting Variables.
- Plotting priorities are determined by the MicroStation level and the assigned element priority values in the ODOT_Levels_General.dgnlib.

The pen table, **ODOTcadd_PenC.tbl**, is for plotting in color. It retains the gray shading of cross section grids and references, and the plot wrapper. It also plots text on the SH_Data level that is color 240-251, (white), as black. This text is typically border information that will otherwise not show on the plot.

Contact Information:

If you have any questions, suggestions, or problems please contact the ODOT Office of CADD and Mapping Services CADD Support team or use the following form on the ODOT web site at:

<http://www.dot.state.oh.us/Divisions/Engineering/CADDMapping/CADD/Pages/suggestions.aspx>