# Pen Tables

Pen tables may be removed or attached to remap characteristics like color and weight. A number of pen tables have been created for producing ODOT Contract Plans and other ODOT products.

**Table 1. Pen Tables**

| Name | Purpose |
| --- | --- |
| plans.tbl | Use for contract plans.<br><br>• Turns everything in the active model black; gray shades elements from reference files that use exist in the logical name, except utilities are not gray shaded.<br>• Does not print construction class.<br>• Outline color of closed elements in active model with fill color=255 (background) is changed to background.<br>• Replaces filename location text for actual file name if ODOT border cell is used. |
| Plans_CurbRampDetail.tbl | Use for contract plans curb ramp detail sheets.<br><br>• Turns everything black and gray shades all elements from reference files that use exist in the logical name.<br>• Does not print construction class.<br>• Outline color of closed elements in active model with fill color=255 (background) is changed to background.<br>• Replaces filename location text for actual file name if ODOT border cell is used. |
| Plans_FullPath.tbl | Use for non-STIP contract plans that are not stored in ProjectWise.<br><br>• Turns everything black and gray shades elements from reference files that use exist in the logical name, except utilities are not gray shaded.<br>• Does not print construction class.<br>• Outline color of closed elements in active model with fill color=255 (background) is changed to background.<br>• Replaces filename location text for full path file location if ODOT border cell is used. |
| eBIDSXsections.tbl | Used to create digital cross sections for eBIDS Handoff that allow zooming in. Uses same text replacement, no plotting of constructions, and modifying masking shape outlines from plans.tbl. Not for printable PDFs.<br><br>• All elements with color that are yellow hues will plot black.<br>• All elements are drawn 0.02 mm in width. |
| Color_wWhiteStriping.tbl | Used for exhibits in sheet models that use raster backgrounds to force white striping to appear white.<br><br>• Global Action of Map Pen Colors remaps CO=1 to RGB 255, 255, 255. |

| Name | Purpose |
| --- | --- |
| HeavyColor.tbl | Used for exhibits and sketches. Thickens line weights and adds a little red to all colors, making CO=4 appear "highway yellow".<br><br>• All elements with line weights from 0 to 7 plot two line weights heavier. |
| Intch_Layout.tbl | Used for Interchange Layout sheets.<br><br>• Screens referenced elements similarly to plans.tbl, with additional sections to screen topo, rw, and contours each by different amounts. |
| rw.tbl | Used by Right of Way to turn everything black, gray shade existing features, and fill monuments.<br><br>• Does not print construction class.<br>• Outline color of closed elements in active model with fill color=255 (background) is changed to background.<br>• Uses pen table section priority to control printing of shapes for recorded sale, fee, permanent and temporary easement.<br>• Replaces filename location text for actual file location in map borders. |
| SignShopGS_BW.tbl | • Does not plot construction class elements.<br>• Does not plot level GSColorFill.<br>• Turns all elements and element fills to black.<br>• Does not print construction class. |
| SignShopGS_color.tbl | • Does not plot construction class elements.<br>• Does not plot level GSBWFill.<br>• Turns only elements and text in sheet report to black.<br>• Prints GSCOLORFILL level in color.<br>• Does not print construction class. |
| Surv_CRR_BW.tbl | Used for plots that file survey control, recovery and retracement maps in counties that don't allow gray shading.<br><br>• Does not print construction class.<br>• Outline color of closed elements in active model with fill color=255 (background) is changed to background.<br>• Replaces filename location text for actual file location. |
| Surv_CRR_GS.tbl | Used for plots that file survey control, recovery and retracement maps, and gray shades existing topography.<br><br>• Does not print construction class.<br>• Outline color of closed elements in active model with fill color=255 (background) is changed to background.<br>• Replaces filename location text for actual file location. |

| Name | Purpose |
| --- | --- |
| Surv_RWM_BW.tbl | Used to file right of way monumentation maps in counties that don't allow gray shading.<br><br>• Does not print construction class.<br>• Outline color of closed elements in active model with fill color=255 (background) is changed to background.<br>• Replaces filename location text for actual file location. |
| Surv_RWM_GS.tbl | Used for right of way monumentation maps and gray shades existing topography.<br><br>• Does not print construction class.<br>• Outline color of closed elements in active model with fill color=255 (background) is changed to background.<br>• Replaces filename location text for actual file location. |
| Yellowtoblack.tbl | • All elements with color 4 (yellow) plot black.<br>• Replaces the filename location text for actual file location if ODOT border cell is used. |