
V8i County Map Files – User Documentation

Revision Date: **October 2012**

Documentation:

The Office of **CADD and Mapping Services**, in cooperation with the Office of Technical Services, provides county maps for all 88 Ohio counties. The map creation process utilizes the most current GIS databases, including several automated routines, to extract the data from Geomedia and establish new MicroStation files.

The following files can be used with the County Maps:

- **ODOT_Title.mvba** - VBA application
- **DGNLIB** – ODOT_County_Map_Levels.dgnlib file

The **ODOT_Title.mvba** - VBA application is used to place a location map on the standard Roadway Title sheet using the County Maps. The application can be downloaded from the MicroStation Application web page or can be loaded from the *ODOTstd\V8istd\mvba* directory.

The **ODOT_County_Map_Levels.dgnlib** - is a separate dgnlib file created to address the GIS levels required for the County Maps. The dgnlib file can be downloaded from the MicroStation DGN Libraries web page or can be loaded from the *ODOTstd\V8istd\dgnlib* directory.

In addition to the dgnlib file, the lplot pen tables use the levels and symbology. Due to the expanded detail within the county maps, the file sizes of each file are larger than previous versions.

The elements shown in the maps (i.e. maps, rivers, roads, etc) were written to the file in a particular sequence so the symbology would display in the correct order when the file is opened (i.e. roads on top of rivers, etc.). If any elements in the maps are changed then the display order will also be altered.

Notes:

- Since these additional levels exist in a separate dgnlib file, they can be added to the user or project configuration file using the **MS_DGNLIBLIST** variable.
- The new levels will display without using the *ODOT_County_Maps_Levels.dgnlib* file, but if the map file is referenced and/or copied into a subsequent design file without the .dgnlib file (*listed as MicroStation system variable MS_DGNLIBLIST*), then all the elements will be written to the current active level and not the correct levels per the ODOT_County_Maps_Levels.dgnlib file.

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>