

MDOT_02 Workspace Update

Below is a summary of the MDOT_02 Workspace updates in effect as of 8/5/2014.

Previous monthly Workspace Updates are available at the following links:

Internal: [Listserv Announcements](#)

External: http://www.michigan.gov/mdot/0,4616,7-151-9625_21540_36037_69214---,00.html

Currently Supported CADD Software

MDOT_01 Workspace + Power GEOPAK V8i SS2 - 08.11.07.566 + Windows 7:

- Updates are no longer being made to the MDOT_01 Workspace.
- Projects currently underway in SS2/MDOT_01 should remain in this Workspace.

MDOT_02 Workspace + Power GEOPAK V8i SS3 - 08.11.09.674 + Windows 7:

- The MDOT_02 Workspace is not backward compatible with SS3 Version 08.11.09.674.
- Utilization of SS3/MDOT_02 is optional at this time.
- Consultants who wish to use SS3/MDOT_02 should first obtain consent from their MDOT Project Manager.
- MDOT employees will need to contact MDOT-PowerGEOPAKSupport@michigan.gov to request installation.
- The MDOT_02 Workspace is available for download by consultants at the following link:

http://www.michigan.gov/mdot/0,4616,7-151-9625_21540_36037-259870--,00.html

Consultant installation instructions are located in the "C:\MDOT_02 Workspace\1_Install" folder.

Power GEOPAK Startup

When Power GEOPAK is launched from an icon, a batch file will now run that performs the following three tasks:

- Clears any copies of PowerGEOPAK.exe, geopak.exe, & xs.exe already present in memory during startup, as a result of a previous crash of Power GEOPAK. This approach ensures that the crash reset is performed, as well as simplifying the process for the user. Note that clicking on the Power GEOPAK icon (when pinned to the Taskbar) while still in Power GEOPAK following a crash will automatically close Power GEOPAK, clear the exe files, and reload Power GEOPAK.
- Sets Microsoft Visual Basic to the correct version for use with GEOPAK VBA SS2 or SS3 VBA, by running "geopakcom.exe" to modify registry settings.
- Sets the required workspace (i.e. MDOT_01 or MDOT_02).

Note: Due to the need to run the batch file during startup, it is very important that users get in the habit of loading Power GEOPAK from the Desktop icons, rather than double clicking on a dgn file.

Set Default Version

In some cases Power GEOPAK SS2 dgn files (e.g. topo.dgn) contain information that is automatically updated when an SS2 file is opened in SS3. This will happen if a dgn file is double clicked in Windows Explorer following installation of SS3, which has become the default version in place of SS2. In order to prevent this from occurring accidentally, SS2 must be reset as the default version. For MDOT employees SS2 will be reset as the default during the SS3 installation process. Consultants should refer to the workspace install procedure for further details.

Desktop Icons

The icons installed as part of the MDOT_02 Workspace are as follows:



- “L” refers to a “Local” workspace installation on a laptop hard drive, for offsite work without network access.
- “S” refers to a “Server” based workspace installation for use with a desktop or laptop computer via a network.
- Note that the installation process will attempt to replace existing MDOT_01 workspace icons with new icons that run the previously discussed batch files. However, removal of the old icons will fail if they have been renamed or installed to the User’s Desktop rather than the Public Desktop. In this case, manual removal will be required.

Workspace File Update Summary

General

File: MDOT_02.pcf
Location: M:\MDOT_02 Workspace\Projects\
Change: Updated to bypass loading of configuration variables for Axiom and Bentley StromCAD if not installed.

Corridor Modeler

File: Design_Standards_MDOT_Ver1.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\Design Standards\
Change: Updated unit settings from U.S. Feet to International Feet.

File: MDOT_CorMod_Template_Library_Master.itl
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\Roadway Templates\
Change: Minor reorganization of the concrete barrier components.

Geopak Drainage

File: MDOT_Drain_Lib.dlb
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Classic\Drainage\
Change: Minor change to roughness coefficient for steel pipe.

File: Drain_3D_MDOT.cel
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\Subsurface Utility Engineering\
Change: Ongoing development of 3D drainage cells in preparation for future implementation.

Signals

File: Features_General_MDOT.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\General\Features\
Change: Ongoing changes to signal levels in preparation for future implementation.

Structures

File: .cel files
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells\
Change: Ongoing changes to Structure cell libraries in preparation for future implementation.

Survey

File: .tiw files

Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\Survey\TIW\

Change: Added Text Import Wizard (TIW) folder & files to support TopoDOT survey software.

MDOT Technical Support

Technical support is available through the following email addresses:

Drawing Tools and Workspace Installation: MDOT-CADDSupport@michigan.gov

Geometry Tools and Corridor Modeling: MDOT-PowerGEOPAKSupport@michigan.gov

Design Surveys: MDOT-Survey_Support@michigan.gov

Printing and Software Installation: MDOT-SupportServices@michigan.gov