

MDOT_02 Workspace Update

Below is a summary of the MDOT_02 Workspace updates in effect as of 11/4/2014.

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 - 08.11.09.722 + Windows 7:

- The MDOT_02 Workspace is not backward compatible with SS3 Version 08.11.09.493.
- 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.

GEOPAK Civil Engineering Suite:

For consultants who choose to install "Geopak Civil Engineering Suite" in place of "Power Geopak", please note that the following combination of software versions is required:

MicroStation V8i (SS3)	08.11.09.608
GEOPAK Civil Engineering Suite V8i (SS3)	08.11.09.722
GEOPAK Civil Engineering Suite V8i (SS2)	08.11.07.615*

* Note that the version of MicroStation SS3 listed above is fully backward compatible with Civil Suite SS2 and this is the only version of MicroStation SS3 that supports both versions of Civil Suite listed above.

Important Update:

We have received a number of requests from consultants using MicroStation / GEOPAK Civil Engineering Suite for assistance in setup of the MDOT_01 and MDOT_02 Workspaces. We have therefore initiated the process of developing installation procedures for both workspaces, which will be available as part of the December 2nd Monthly Workspace Update.

Note: The following procedure may be used to manually modify the "MDOT_02 / Power GEOPAK SS3" installation process for use with "MDOT_02 / MicroStation SS3 / GEOPAK Civil Engineering Suite SS3":

1. Follow and complete the Power GEOPAK installation procedure.
2. Relocate the "MDOT_02_Local.ucf" and/or "MDOT_02_Server.ucf" files as shown below:
From Here: C:\ProgramData\Bentley\PowerGEOPAK V8i (SELECTseries 3)\WorkSpace\Users
To Here: C:\ProgramData\Bentley\MicroStation V8i (SELECTseries)\WorkSpace\Users
3. Delete the folder named C:\ProgramData\Bentley\PowerGEOPAK V8i (SELECTseries 3) and all subfolders.

4. Delete the custom icons that are specific to Power GEOPAK and use the generic icons that get added during software installation.

Workspace File Update Summary

Corridor Modeler

- File: MDOT Superelevation Worksheet 1.7 Version.xlsx
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\Superelevation
Change: Updated from version 1.6 to 1.7. The new version addresses Message Center and GEOPAK data import issues.
- File: mdot_SuperEI_to_CSV.mvba
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\VBA
Change: Updated to find new .exe file location.
- File: mdot_SuperEI_to_CSV.exe
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\VBA
Change: Bug fix for reading of worksheet tabs / curves. Renamed file from "SuperEIExcelToCSV.exe". Relocated file from EXE folder.
- File: Features_General_MDOT.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\General\Features
Change: Changed the "Create Linear Features" setting from False to True in "Project Explorer > Civil Standards > Project Settings > Linear Template Design Stages > Properties > Output Settings" for the following Stage options: 3 – Components, 4 - Top Mesh, 5 - Bottom Mesh.

GEOPAK Drainage

- File: HydraulicGradeLineSeed.xls, InletSpacingSeed.xls, StormSewerTabSeed.xls
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\VBA\Drainage Reports
Change: Changed text format to accommodate control section numbers.

SUE / SUDA

Release Date: Please note that workspace development for SUE is still in progress and the release date has been revised from October 7th to December 2nd.

- File: MDOT_02.pcf
Location: M:\MDOT_02 Workspace\Projects
Change: Updated SUDA config variables.
- File: Features_General_MDOT.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\General\Features
Change: Set up Element Templates & Feature Definitions.

Signs

File: Signcad.rsc, Signcad_Plus.rsc
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Fonts
Change: Removed the default SignCAD font libraries, which do not include the Clearview font.

File: Signcad_ClearView_MDOT.rsc, Signcad_Plus_Clearview_MDOT.rsc
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Fonts
Change: Added SignCAD font libraries that include the Clearview font.

Structures

File: rehab.ma
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\MDL
Change: Reset paths to cell libraries.

File: mdot_brnotes.mvba
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\VBA
Change: Set the text size to 0.005 for use with annotation scale, including when the active text style is not set correctly.

File: Sheet_View_Filters.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\General\Level Filters
Change: Added sheet filter to turn off unwanted border levels on bridge sheets.

File: Structures.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\General\Level Filters
Change: Added filters for survey levels (GS & GIS levels).

File: autodeck.cel, autoscreed.cel
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells\AutoDraw
Change: Miscellaneous cell cleanup.

Cells

File: *.cel
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells
Change: Overhaul of cell library file names for grouping within the Cell Selector tool.

File: mdot_cellutil.dat
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\VBA\data
Change: Updated to reflect changes to cell library names.

File: mdot_CellUtil.mvba
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\VBA
Change: Miscellaneous bug fixes.

File: mdot_CellSelector.mvba
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\VBA
Change: Renamed vba from CellUtil to CellSelector.

File: mdot_cellselector.dat
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\VBA\data
Change: Renamed dat file from CellUtil to CellSelector.

File: Interface_PwrGpkSS3_MDOT.dgnlib
Location: M:\MDOT_02 Workspace\Interfaces\PowerGEOPAK\mdot_02
Change: Updated drop down menu link to match renamed cell selector vba.

File: Rd_Typical 2.cel
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells
Change: Removed duplicate cell library.

File: Rd_Typical.cel
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells
Change: Added the MOT_ChanDev_Drum cell from the MDOT_01 workspace. Modified the cell by setting the symbology to ByLevel and removing fill from its shapes.

File: MDOT_02.pcf
Location: M:\MDOT_02 Workspace\Projects
Change: Updated cell config variable operators to move the user cell libraries to the front of the list for processing.

Levels

Added three Curb & Gutter removal levels without the X Hatch pattern, for use on MOT sheets, etc. The approach is similar to that used for pavement removal, where the quantity shape and pattern are on separate levels.

CurbGut_Curb_Ex_Rem_\$Ft	——— 0
CurbGut_Curb_Ex_Rem_XHatch	CurbGut_Ex_Rem
CurbGut_Std_Ex_Rem_\$Ft	——— 0
CurbGut_Std_Ex_Rem_XHatch	CurbGut_Ex_Rem
CurbGut_ValleyGut_Ex_CL_Rem_\$Ft	——— 0
CurbGut_ValleyGut_Ex_CL_Rem_XHatch	CurbGut_Ex_Rem

Legend Sheet

Development of an MDOT_02 Legend Sheet is currently under way and will be included in the December Monthly Workspace Update.

MDOT Technical Support

Technical support is available through the following email addresses:

Design Surveys:	MDOT-Survey_Support@michigan.gov
Bridge Design:	MDOT-BridgeDesignSupport@michigan.gov
Workspace Installation and Drawing Tools:	MDOT-CADDSupport@michigan.gov
Geometry Tools and Corridor Modeling:	MDOT-PowerGEOPAKSupport@michigan.gov
Geopak Drainage & Subsurface Utilities:	MDOT-Drainage-Utility@michigan.gov
Reference Information Documents (RID):	MDOT-RIDSupport@michigan.gov
Printing and Software Installation:	MDOT-SupportServices@michigan.gov