

MDOT_02 Workspace Update

Below is a summary of the MDOT_02 Workspace updates in effect as of 1/6/2015.

Note to Internal Users: DTMB is responsible for statewide server updates on the evening prior to the date listed above. MDOT cannot guarantee that server updates will occur by this time.

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. Until this install procedure becomes available, please follow the manual procedure described below.

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

Cells

File: All cell libraries.
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells
Change: Rescaling of cells within all cell libraries, in order to more closely match their real world size.

File: Bd_ROW_Labeling.cel
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells
Change: Added cell library in order to separate ROW labeling cells from the Bd_Boundary.cel library.

File: Sh_Sheet_Labels-MyTerminators.cel
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells
Change: Deleted cell library following transfer of terminator cells to the Sh_Sheet_Labels.cel library.

Custom Line Styles

File: Custom_Line_Styles_MDOT.rsc
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Styles\Custom Line Styles
Change: Extensive updates to custom line styles, including the addition of new line styles.

File: Features_General_MDOT.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\General\Features
Change: Extensive updates to custom line styles and level overrides.

File: mdotbrV8i.rsc
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Styles\Custom Line Styles
Change: Removed obsolete custom line style library.

File: mdotrdV8i.rsc
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Styles\Custom Line Styles
Change: Removed obsolete custom line style library.

GEOPAK Drainage

File: Features_General_MDOT.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\General\Features
Change: Separated the level Drain_SUDA_Node_ElevPt_HydCtPt~ into two separate levels (ElevPt & HydCtPt).

SUE / SUDA

Update: Development of the Utility portion of SUE is currently in progress.

File: Dr_Drain_2D.cel

Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells

Change: Ongoing development of 2D drainage cells.

File: Drain_3D_MDOT.cel

Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\SUDA

Change: Ongoing development of 3D drainage cells.

File: Features_General_MDOT.dgnlib

Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\General\Features

Change: Updated SUE element templates & feature definitions.

File: MDOT_02.pcf

Location: M:\MDOT_02 Workspace\Projects

Change: Updated configuration variable for renamed 2D drainage cell library and commented out the Features_Drainage_MDOT.dgnlib file.

File: MDOT_Drain_Lib.dlb

Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Classic\Drainage

Change: Split drop inlet and drain casting nodes into Type 1 and 2.

File: MDOT_Drain_Pref.dpf

Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Classic\Drainage

Change: Changed Elevation Option to "at Actual Link End", to display correct elevations in profile view.

File: MDOT_Drain_Pref_Prof.ppf

Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Classic\Drainage

Change: Removed "LF" from the pipe profile label.

File: Util_3D_MDOT.cel

Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\SUDA

Change: Removed unneeded cells and added cell for conflict detection.

Signals

File: Sg_Signals_Road.cel

Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells

Change: Deleted cell library following merge of cells with the Sg_Signals.cel library.

Signs

File: All sign cell libraries.

Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells

Change: Modified the annotation scale setting for text in all sign cells, in order to resolve cell display issues within the MDOT Cell Selector tool.

File: Standard Plan Index Generator.xls

Location: http://www.michigan.gov/mdot/0,1607,7-151-9625_21540_36037_54428---,00.html

Change: Removed Special Detail "BRIDGE SIGN CONNECTION TYPE N (MDOT INTERNAL USE ONLY)", SIGN-860-A.

Structures

File: Bridgenotes.dat
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\VBA\data
Change: Updated Note 8.03.AA to match design manual.

File: St_Symbols.cel
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells\
Change: Updates to bridge notes.

Survey

File: Features_General_MDOT.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\General\Features
Change: Added levels Terrain_Ex_All and Terrain_Pr_All and reset all terrain features to use these levels as their master levels in place of Terrain_Ex_Prof and Terrain_Pr_Prof.

Legend Sheets

A draft version of the MDOT_02 Legend has been created and is currently under review.

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
ProjectWise - General (MDOT staff only):	MDOT-ProjectWise@michigan.gov
ProjectWise - Letting:	MDOT-ePROPOSAL@michigan.gov
ProjectWise - Consultant:	MDOT-ProjectWiseConsultant@michigan.gov
ProjectWise - Construction:	MDOT-ProjectWiseCONST@michigan.gov