Design Services Update

3/06/2017

Table of Contents

Link to Previous "Design Services Update" Memos

Web: http://mdotjboss.state.mi.us/SpecProv/trainingmaterials.htm

General ▼

Aerial Imagery
Base Maps
    County - MIRIS
    County - Sign Group (68 of 83 Counties)
CADD Resource Files
    Sheets
    Workspaces
Help and Support Documents
    OpenRoads Basics
User Updates
    Design Services Updates
    Quarterly Update Webinars

Workspaces

MDOT_01 Workspace
- Not to be used for any new project started after April 1, 2016.
- This workspace requires Power GEOPAK SS2 or GEOPAK Civil Engineering Suite SS2.
- The MDOT_01 Workspace is available for download by consultants at the following link:
    http://mdotjboss.state.mi.us/SpecProv/trainingmaterials.htm
    Go to General > CADD Resource Files > Workspace.
    Consultant installation instructions are located in the "M:\MDOT_01 Workspace\1_Install" folder.
- The MDOT_01 Workspace install procedure supports the following applications:
    a) Power GEOPAK SS2
    b) GEOPAK Civil Engineering Suite SS2
    c) Stand-alone MicroStation (SS3 & SS4)

MDOT_02 Workspace
- This workspace is required for all new projects started after April 1, 2016.
- This workspace requires Power GEOPAK SS4 or MicroStation SS4 + GEOPAK Civil Engineering Suite SS4.
- The workspace no longer supports SS3.
- The MDOT_02 Workspace is available for download by consultants at the following link:
    http://mdotjboss.state.mi.us/SpecProv/trainingmaterials.htm
    Go to General > CADD Resource Files > Workspace.
    Consultant installation instructions are located in the "M:\MDOT_02 Workspace\1_Install" folder.
- The MDOT_02 Workspace install procedure supports the following applications:
    a) Power GEOPAK SS4
    b) MicroStation SS4 + GEOPAK Civil Engineering Suite SS4
    c) Stand-alone MicroStation SS4
- If you are in the early stages of a project started using the MDOT_01 Workspace and need assistance with upgrading of survey & design data for use with the MDOT_02 Workspace, please contact MDOT-CADDSupport@michigan.gov.

Note: Future notifications regarding Workspace requirements will be located in section "2.2.1 MDOT Workspace" of the Development Guide at http://mdotwiki.state.mi.us/design/index.php/Chapter_2_-_Data_Requirements#2.2.1_MDOT_Workspace

Software

<u>Power Geopak SS2 -- OR -- MicroStation SS4 + GEOPAK Civil Engineering Suite SS2</u>
- Not to be used for any new project started after April 1, 2016.
- Requires the MDOT_01 Workspace.

<u>Power Geopak SS4 -- OR -- MicroStation SS4 + GEOPAK Civil Engineering Suite SS4</u>
- Required for all new projects started after April 1, 2016.
- Requires the MDOT_02 Workspace.
- **Power GEOPAK SS3 is no longer supported.**
- **Power GEOPAK SS4 MR1 PB (08.11.09.851PB) is no longer supported.**

<u>Supported Software Versions</u>
<u>Definitions:</u>
"MR" in the version names below refers to Maintenance Release.

"PB" in the version names below refers to Priority Build, which is MR2.1 plus a bug fix involving the "End Area Volumes Reporting" tool.

" * " refers to a version of MicroStation that is only available for download at Bentley's website by clicking on the arrow to the left of the GEOPAK Civil Suite download.

<u>Power GEOPAK SS4:</u>
Power GEOPAK SS4 MR2.1 - 878   (pgk081109878en.exe)
    -- OR --
Power GEOPAK SS4 MR2.1 Priority Build - 885   (Setup_PowerGEOPAK_08.11.09.885PB.exe)

<u>MicroStation SS4 + GEOPAK Civil Engineering Suite SS2 & SS4:</u>
MicroStation SS4 MR2 - 832*   (ms081109832en.exe)
GEOPAK Civil Engineering Suite SS2 Update2   (pbda08110703en.exe + gkste081107615en.exe)
GEOPAK Civil Engineering Suite SS4 MR2.1 - 878   (gkste081109878en.exe)
    -- OR --
Civil Suite SS4 MR2.1 Priority Build - 885   (gpkste081109885enPB.zip)

PB Note: See installation procedure in the "M:\MDOT_02 Workspace\1_Install" folder for Priority Build (PB) download instructions. Note that the server path shown here (M:) is specific to MDOT and will vary based on your server configuration.

Note: Future notifications regarding Software requirements will be located in section "2.2.2 MDOT Road Design Software Requirements" of the Development Guide at http://mdotwiki.state.mi.us/design/index.php/Chapter_2_-_Data_Requirements#2.2.2_MDOT_Road_Design_Software_Requirements

Support Services Web Page Updates

File: MDOT Seed File Zone Map.pdf
Location: http://mdotjboss.state.mi.us/SpecProv/trainingmaterials.htm
             General > Help and Support Documents > CADD
Changes: Updated MDOT Region boundary locations and seed file names in seed file zone map.

Power GEOPAK SS4 Icons

For MDOT users, the generic "Power GEOPAK V8i (SELECTseries 4)" icon provided by Bentley has been replaced by the icons described below. For MDOT consultants, the icons described below are included in the workspace installation, but the generic icon will not be removed from your desktop. Details regarding the icons are presented below.

- The "SS4 Server" and "SS4 Local" icons perform the following tasks:
    a) Close any currently open sessions of Power GEOPAK, in order to avoid .upf file corruption and its associated dialog box corruption.
    b) Performs a "Task Kill" in the Windows Task Manager, to remove corrupt exe files from memory following a software crash.
    c) Automatically selects the desired workspace (Server or Local).
    d) Loads Power GEOPAK SS4.
- The "SS4 Mode" icon performs the following tasks:
    a) Sets Power GEOPAK SS4 as the default application for opening of dgn files (Open with) when a user double clicks on a dgn file in Windows File Explorer. Normally the last software app installed is set as the default during software installation.
    b) Sets the default version of GEOPAK Visual Basic to SS4.
    c) Note that the user must have administrative rights in order for this icon to function properly, as indicated by the shield contained within the icon image.
- For consultants, It is recommended that you remove the "Power GEOPAK V8i (SELECTseries 4)" icon from the desktop, in order to encourage use of the "SS4 Server" and "SS4 Local" icons.
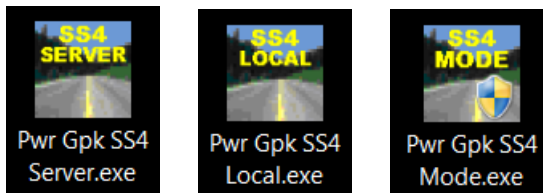
Workspace File Update Summary

User Interface – Custom Mouse Button Assignments

File: Button_Assignments_MDOT.btnmenu
Location: C:\MDOT_02 Local Data\Interfaces\Button Assignments
Changes: Added a Button Assignment setting file (Workspace > Button Assignments) to the "MDOT_02 Local Data" folder on the user's hard drive, in order to allow for user customization. Note that the "Tentative" snap setting, which is accessed by clicking on "Remap Buttons" within the Button Assignments dialog, is not saved to this file and is instead saved to the user preference file (.upf).

File: MDOT_02.pcf
Location: M:\MDOT_02 Workspace\Projects
Changes: Added configuration variable to load customizable Button Assignment menu.

File: default.btnmenu
Location: M:\MDOT_02 Workspace\Interfaces\Buttons
Changes: Removed Bentley's default button assignment menu, which was stored in a read-only location, which prevented user customization.

Cell Selector

The MDOT Cell Selector Tool has received a number of enhancements. Click on the Help button in the upper right corner of the user interface for details.
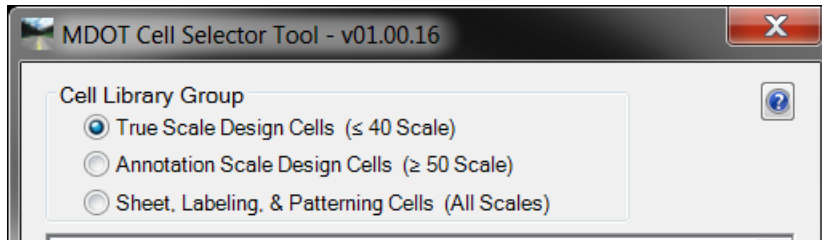
File:	CellSelector.dll
Location:	M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\DLL\Cell Selector
Changes:	1) Moved cell libraries for sheets, labeling, & patterning in the "True Scale" group to a separate "Sheet, Labeling, & Patterning" group.
	2) Changed drop down menu to radio buttons.
	3) If a cells is set for use with Annotation Scale, the Annotation Scale symbol will appear to the left of the cell name.

File:	Added folder.
Location:	M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells\Sheets-Labeling-Patterning
Changes:	Added "Sheets-Labeling-Patterning" folder for use with Cell Selector.

Environmental

File:	Interface_MDOT_02_SS4.dgnlib
Location:	M:\MDOT_02 Workspace\Interfaces\MDOT\mdot_02
Changes:	Fixed the Environmental level filter to load correctly.

Patterning

In MicroStation SS4 and Power GEOPAK SS4 MR2, Bentley modified the Pattern Area tool to utilize annotation scale, which has been incorporated into the Cell Selector tool. Click on the Help button in the upper right corner of the MDOT Cell Selector Tool for details.

File:	Rd_Surfacing_Patterns.cel
Location:	M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells\True Scale
Changes:	Rescaled all pattern area cells for use with Annotation Scale.

File:	En_Environmental.cel
Location:	M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells\True Scale
Changes:	Rescaled the Potentially Contaminate Site pattern area cell for use with Annotation Scale.

Print Organizer

A number of users have encountered problems involving the display of custom line styles in Print Organizer when upgrading design files from SS2 or SS3 to SS4. In a number of cases it has been possible to resolve this issue by reimporting custom line styles into all base files using the Batch Process tool, which is located at "Utilities > Batch Process". Should you encounter this problem and need further assistance, please contact MDOT-CADDSupport@michigan.gov for further assistance.

File:	mdot_02.pset
Location:	M:\MDOT_02 Workspace\Projects\MDOT_02\Printing\Print Definitions
Changes:	Toggled off "Open design files in read-only mode" at "Edit > Preferences", in order to help resolve custom line style display issues in Print Organizer.

File:	Import Custom Line Styles - Local C Drive.txt
File:	Import Custom Line Styles - Server M Drive.txt
Location:	M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\Batch Process Command Files
Changes:	1) Added command files for updating of custom line styles within a group of dgn files using the Batch Process tool.
	2) Note that paths within the command files are hard coded and must be modified by the users for specific folder path.

File:	Added folder & Command Files.
Location:	M:\MDOT_02 Workspace\Batch Process Command Files
Changes:	Added folder to store Command Files for use with the Batch Process tool located at Utilities > Batch Process.

File:	mdot_02.pset
Location:	M:\MDOT_02 Workspace\Projects\MDOT_02\Printing\Print Definitions
Changes:	Removed miscellaneous sheets from the pset seed file.

ROW / Real Estate

File:	Print_Real_Estate_Levels_in_Color.tbl
Location:	M:\MDOT_02 Workspace\Projects\MDOT_02\Printing\Pen Tables
Changes:	Modified pen table setting for consent to grade sidewalk, to print leader arrowheads as black rather than blue.

File:	mdot_BearDist.mvba
Location:	M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\VBA
Changes:	Fixed bug in the Bearing & Distance Input app to allow use of a space to separate bearing & distance input values.

File:	beardist.pdf
Location:	M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\VBA
Changes:	Updated Help document for the Bearing & Distance Input app to clarify operational procedures.

File:	Bd_Legacy_ROW_Maps.cel
Location:	M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells\True Scale
Changes:	Updated sheet border cells.

Roadway – Profiles

File:	MDOT_LabelProfilePoints.mvba
Location:	M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\VBA\Profile Point Labels Hi-Low-StaEqn
Changes:	1) Resolved bug involving high point labeling when the approach & departure slopes match.
	2) Replaced individual MicroStation elements with a labeling cell.
	3) Modified default settings in dialog box.

File: MDOT_LabelProfilePoints.cel
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\VBA\Profile Point Labels Hi-Low-StaEqn
Changes: Added cell library to store point labeling cells.

File: MDOT_02.pcf
Location: M:\MDOT_02 Workspace\Projects
Changes: Added configuration variable to load "MDOT_LabelProfilePoints.mvba" from new folder.

File: Added folder "Profile Point Labels Hi-Low-StaEqn".
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\VBA\Profile Point Labels Hi-Low-StaEqn
Changes: Added new folder to store "MDOT_LabelProfilePoints.mvba" and associated files.

Roadway – Typicals

File: Features_General_MDOT_SS4.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\General\Features
Changes: Changed the level display priority for levels "Typical_Ex_Label_XS" and "Typical_Pr_Label_XS" from 240 to 260, in order to work with the masked Line_Break and Line_Dimension cells.

File: typcells.dat
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\VBA\data
Changes: Cleanup of input file for the Typical app (MDOT Tools > Road > Typical) to resolve cell display issues in the dialog box.

File: Rd_Typical.cel
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells\True Scale
Changes: Renamed single face barrier & guardrail cells, in order to display left & right sides correctly.

Roadway – Modeling

File: MDOT_BoulevardCrossRoad.dgnlib
File: MDOT_Dr_atEOP.dgnlib
File: MDOT_Dr_CnG_wDetM.dgnlib
File: MDOT_Dr_CnG_wDetM_NoTangent.dgnlib
File: MDOT_Dr_CnG_wShldr.dgnlib
File: MDOT_Dr_Res_atEOP.dgnlib
File: MDOT_Dr_wShldr.dgnlib
File: MDOT_RampTerm_ProfReqd_wTypeA.dgnlib
File: MDOT_SideRd_CnG_SideRdProfReqd_wAltTypAShldrandTaperedTie.dgnlib
File: MDOT_SideRd_CnG_SideRdProfReqd_wTypAShldr_NoTaper.dgnlib
File: MDOT_SideRd_CnG_SideRdProfReqd_wTypAShldrandTaperedTie.dgnlib
File: MDOT_SideRd_CnG_wAltTypAShldrandTaperedTie.dgnlib
File: MDOTMaintanceCrossOver.dgnlib
File: MDOTMiLeft_MedianCrossOver.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\Civil Cells\SS4
Changes: Revised to correct some cell placement errors.

File: MDOT_CorMod_Template_Library_Master.itl
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\Roadway Templates
Changes: Revised all curb and gutter component parametric constraint labels to match a consistent naming convention.

File: Features_General_MDOT_SS4.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\General\Features
Changes: Added level Slope_BreakLine_Pr_Ditch_Top_Front and feature P_Slope_Ditch_Top_Fr.
            Added level CurbGut_Std_Pr_All_DetM_Length_$Ft~ and feature P_CnG_All_DetM_Len~.

File: Design_Standards_MDOT_Ver1_SS3.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\Design Standards
Changes: Removed file due to discontinuation of support for SS3.

File: NA
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\Civil Cells\SS3
Changes: Removed folder and all contained civil cells due to discontinuation of support for SS3.

Roadway – Component Quantity Reports

File: Corridor Model Component Quantities--MDOT.xsl
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\ReportBrowser
Changes: Added new Component Quantities report which enhances the default "Corridor Model Component
            Quantities.xsl", to include revised data formatting for use in Excel. This report also includes a bug fix
            involving components where the feature's starting station does not coincide with the corridor's starting
            station.

File: Old: RoadwaySetup - Features.xsl
File: New: RoadwaySetup - Features--MDOT.xsl
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\ReportBrowser
Changes: Renamed "RoadwaySetup - Features.xsl" to "RoadwaySetup - Features--MDOT.xsl" to indicate that it is
            an MDOT customized report.

File: All files in folder structure.
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\ReportBrowser
Changes: Updated all Report Browser style files to match SS4 MR2.1.

Sheets – General

File: Interface_MDOT_02_SS4.dgnlib
Location: M:\MDOT_02 Workspace\Interfaces\MDOT\mdot_02
Changes: Moved the "Sheet_View_Filters" level filter from the "MDOT Level Filters" drop down menu to the
            "MDOT Tools > Sheet Tools" drop down menu, to clarify that they are intended to be used for sheet &
            container file setup.

File: MDOT_02_SS4_Local-PowerGEOPAK.upf
Location: C:\MDOT_02 Local Data\User Preferences\prefs
Changes: Changed the default "Display Overrides" setting from Allow to Never in "Workspace > Preferences >
            Reference". Note that this setting becomes active only when "Nested Attachments" is changed from
            "No Nesting" to "Live Nesting" in the reference file dialog.

Sheets - Labeling

File: Sh_Sheet_Labels.cel
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells\True Scale
Changes: Fixed scaling error in the "Surf_Sidewalk_Ramp+1" cell.

File: CellSelector.dll
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\DLL\Cell Selector
Changes: Sheet labeling cells have been relocated from the "True Scale Design" cell library group to a "Sheet, Labeling, & Patterning Cells" group. See the "Cell Selector" section above for further details.

Sheets – Title Block Manager

The Title Block Manager has been completely rewritten, with the following enhancements:
- Much more efficient processing, resulting in significant time savings.
- Support for legacy spreadsheets created using the previous Title Block Manager tool.
- Ability to select a spreadsheet for editing from within the app.
- Support for multiple sheet borders within a single model.
- Ability to select individual sheets or models for appending of the spreadsheet or updating of dgn sheets.

File: titleblockmanager.dll
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\DLL\Title Block Manager
Changes: Added new Title Block Manager with many enhancements and faster processing.

Signals

File: MDOT_Plan.lsf
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Classic\Labeler Style Files
Changes: Added Sign Detail Grade Labels for 5 scale plan sheets to the Plan View Labeler.

Structures – Cells

File: St_Pile.cel
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells\True Scale
Changes: Added 16" CIP Pile and corresponding pile point plate and welds on cell WELD-82103B. Updated per Road and Bride Design Publication Monthly Update - October 2016

File: St_Slab.cel
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells\True Scale
Changes: Added aggregate base or open graded drainage course limits, geotextile separator, and EJWP or JWP and updated blocking to 2" extruded polystyrene tongue and groove on cell APPR-62003A. Updated per Road and Bridge Design Publication Monthly Update - December 2016.

File: St_Barrier.cel
File: St_Conc_Beams.cel
File: St_Deckre.cel
File: St_Fence.cel
File: St_Pile.cel
File: St_Railre.cel
File: St_Slab.cel
File: St_Steel.cel
File: St_Substructure.cel

File:	St_Symbols.cel
Location:	M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells\True Scale
Changes:	Updated cell description to include the required annotation scale setting for text & dimensions to display correctly.

File:	St_Symbols.cel
Location:	M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells\True Scale
Changes:	Updated NOTE-802G (Stirrup Strength and Prestressing Strand Symbol).
Changes:	Updated the "DIMS-TERM with mask" cell to resolve 180° rotation error when placed as a terminator.

Structures – Tool Bar

File:	Bridge_Toolbar.dgnlib
Location:	M:\MDOT_02 Workspace\Interfaces\MDOT\mdot_02
Changes:	Added the Bridge Toolbar to a user interface file, to make it available at "Tools > Tool Boxes > Bridge Sheet Tools – Custom".

File:	MDOT_02.pcf
Location:	M:\MDOT_02 Workspace\Projects
Changes:	Added a configuration variable to load the Bridge Toolbar.

File:	PlaceBridgeBorder.bas
Location:	M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\Macros
Changes:	1) Added a macro to replace a key-in sequence for sheet border placement, due to character limit restrictions associated with the key-in sequence.
	2) Revised level settings to avoid turning off the Global Display setting for each level in the sheet border.
	3) Updated level settings to reflect changes to sheet border.

Structures – General

File:	BridgeNotes.dat
Location:	M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\VBA\data\
Changes:	Updated Bridge Notes to reflect Road & Bridge Design Publication Monthly Updates from February 2016 through February 2017.

File:	Sheet_View_Filters.dgnlib
Location:	M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\General\Level Filters
Changes:	Removed "PlanoverProf" levels from the Bridge sheet view filter, which is now located at "MDOT Tools > Sheet Tools > Sheet_View_Filters".

File:	Structures.dgnlib
Location:	M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\General\Level Filters
Changes:	Within the Structures level filter, renamed the "Survey" sub-filter to "Existing Survey".

File:	Text_and_Dimension_Styles_MDOT.dgnlib
Location:	M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Styles\Text and Dimension Styles
Changes:	Added 2X bridge text style with background & underline turned off.

File: PrintStyles.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Printing\Print Styles
Changes: Added Print Style named "11x17 - rasterized", for use with Bridge sheets involving hidden line work and the "_MDOT_Bridge_HiddenLine" display style.

File: Interface_MDOT_02_SS4.dgnlib
Location: M:\MDOT_02 Workspace\Interfaces\MDOT\mdot_02
Changes: Removed "Section Callouts" from the "MDOT Tools > Bridge" drop down menu.

File: Features_General_MDOT_SS4.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\General\Features
Changes: Changed color for level "Terrain_Ex_Calc_Contour_Minor_GS" from 197 to 69 to improve visibility.

SUE / SUDA / Geopak Drainage

File: MDOT_DrainTab.mvba
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\VBA\Drainage Reports
Changes: Minor bug fixes involving GEOPAK Drainage reports.

Surveys

File: SurveyChain.mvba
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Apps\VBA
Changes: Updated hard coded file name & folder paths from SS3 to SS4.

File: Features_General_MDOT_SS4.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\General\Features
Changes: Removed: Util_Fuel_Propane_Ex_TankLg_GS
         Removed: Util_Fuel_Propane_Ex_TankSm_GS
         Added: Util_Fuel_Propane_Ex_Tank_GS

File: Ut_Utilities.cel
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Elements\Cells\True Scale
Changes: Removed: Fuel_Propane_TankLg_1000gal
         Removed: Fuel_Propane_TankSm_0500gal
         Added: Fuel_Propane_Tank

File: Features_Survey_MDOT.smd & Features_Survey_MDOT.xml
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\Survey
Changes: Replaced the small and large propane tank options with a single propane tank level, cell, & survey feature code.

File: Features_General_MDOT_SS4.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\General\Features
Changes: Updated survey feature code library.

Lighting & Electrical

File: Lighting.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\General\Level Filters
Changes: Updated the Lighting level filters.

File: Electrical.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\General\Level Filters
Changes: Updated the Electrical level filters.

Workspace – Installation

File: Power GEOPAK SS4 - Install - Local From C.bat
Location: M:\MDOT_02 Workspace\1_Install\Resource Files\Batch Files
Changes: Updated icons to be copied by batch file.

File: Power GEOPAK SS4 - Install - Server.bat
Location: M:\MDOT_02 Workspace\1_Install\Resource Files\Batch Files
Changes: Updated icons to be copied by batch file.

File: Pwr Gpk SS4 Mode.exe
Location: M:\MDOT_02 Workspace\1_Install\Resource Files\Desktop Icons
Changes: Added icon to set SS4 as the default application for opening of dgn files by double clicking in Windows File Explorer. The icon also sets the version of Microsoft Visual Basic to be used with SS4. Note that the user must have admin rights for this icon to function properly.

File: MDOT_02_Uninstall.bat
Location: M:\MDOT_02 Workspace\1_Install\Resource Files\MDOT_02 Local Data\Batch Install Files
Changes: Added new icons to uninstall batch file.

File: _MDOT_02 Workspace Installation Procedure - SS4.doc
Location: M:\MDOT_02 Workspace\1_Install
Changes: Updated installation instructions to reflect changes to supported software versions and changes to icons associated with Power GEOPAK SS4.

Workspace – General

File: MDOT_02.pcf
Location: M:\MDOT_02 Workspace\Projects
Changes: Removed the "QV_D3DVERSION = 9" config variable, which was added to address video graphics stability, but is no longer needed.

Workspace – Discontinuation of Support for SS3

File: MDOT_02.pcf
Location: M:\MDOT_02 Workspace\Projects
Changes: Removed all configuration variables involving SS3.

File: Features_General_MDOT_SS3.dgnlib
Location: M:\MDOT_02 Workspace\Projects\MDOT_02\Civil Standards\General\Features
Changes: Removed the SS3 level & feature library due to discontinuation of support for SS3.

File: Interface_MDOT_02_SS3.dgnlib
Location: M:\MDOT_02 Workspace\Interfaces\MDOT\mdot_02
Changes: Removed the SS3 user interface file from workspace due to discontinuation of support for SS3.

MDOT Technical Support

Technical support email addresses are available on the Development Guide Help page, under Support Resources.