MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Work-space	Files
CU-10417	08/07/25	Closed	High	A Microsoft Visual Basic "Compile error: Can't find project or library" is encountered when using Traffic>Sign Design>Load Excel Spec/Sum macro.	Updated the Microsoft Excel 16.0 Object Library reference path to C:\Program Files\Microsoft Office\root\Office16\EXCEL.EXE.	Enhanced (V11.1)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Existing_Survey.MVBA (Updated)
CU-10416	07/16/25	Closed	High	A Microsoft Visual Basic "Compile error: Can't find project or library" is encountered when using Road Tools>Survey>Import Topog Features and Road Tools>Summary Sheets>Create Excel Quantity File macros.	Updated the Microsoft Excel 16.0 Object Library reference path to C:\Program Files\Microsoft Office\root\Office16\EXCEL.EXE.	Enhanced (V11.1)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Excel_Quantities.mvba (Updated) \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Existing_Survey.MVBA (Updated)
CU-10415	03/20/25	Closed	High	The Highways Engineer stamp and PE number need to be updated for Dave Holien, the new Highways Engineer.	RDSHEET.REF updated with Dave Holien's seal information.	Enhanced (V11.0)	\WORKGROUP\STDREF\RDSHEET.REF (Updated) \OPENROADS\cell\RD_Sheets.cel (Updated) \SEED\RD_Plans\RDTTL001.DGN (Updated) \SEED\RD_Plans\RDTTLURB.DGN (Updated)
CU-10414	07/11/24	Closed	High	2013, 2015, 2017, 2019, and 2021 MSDI WMS imagery is failing to connect, displaying entirely as connection errors.	2013, 2015, 2017, 2019, and 2021 MSDI WMS imagery .xwms file rebuilt. Removed 2021 server connection from wms server list.	Enhanced (V10.0)	\WORKGROUP\STDREF\MT_Raster\MSDI_NAIP_2013.xwms (Updated) \WORKGROUP\STDREF\MT_Raster\MSDI_NAIP_2015.xwms (Updated) \WORKGROUP\STDREF\MT_Raster\MSDI_NAIP_2017.xwms (Updated) \WORKGROUP\STDREF\MT_Raster\MSDI_NAIP_2019.xwms (Updated) \WORKGROUP\STDREF\MT_Raster\MSDI_NAIP_2021.xwms (Updated) \OPENROADS\Resources\WmsServerList_MDT.xml (Updated)
CU-10413	04/15/24	Closed	High	Transportation director Malcolm “Mack” Long has retired requiring updated plan set title sheet seal.	The director Malcolm “Mack” Long and title were removed entirely from the plan set title sheet seal.	Enhanced (V10.0)	\WORKGROUP\STDREF\ETRAFPL_OR.REF (Updated) \WORKGROUP\STDREF\RDSHEET.REF (Updated) \OPENROADS\cell\RD_Sheets.cel (Updated)
CU-10412	01/04/24	Closed	Medium	Plot driver file for 8.5" x 11" pdf Docuplot functionality is needed. Excess miscellaneous plot driver, prolog, and pen table files are no longer needed.	8.5" x 11" pdf plot driver file added. Excess plot driver, prolog, and pen table files archived.	Enhanced (V9.0)	\WORKSPACE\PLOTTING\8X11TIFFPdf.Plt (Updated) \WORKSPACE\PLOTTING\COPY OF PRINTERFL2.plt (Deleted) \WORKSPACE\PLOTTING\COPY OF PRINTERFL2C.plt (Deleted) \WORKSPACE\PLOTTING\CURR-PRINTERFL2C.plt (Deleted) \WORKSPACE\PLOTTING\CURR-PRINTERHF2.plt (Deleted) \WORKSPACE\PLOTTING\CURR-PRINTERHF2C.plt (Deleted) \WORKSPACE\PLOTTING\GREYSCALE_test.tbl (Deleted) \WORKSPACE\PLOTTING\GREYSCALE2.tbl (Deleted) \WORKSPACE\PLOTTING\NEW_PRINTERHF2.plt (Deleted) \WORKSPACE\PLOTTING\NEW-11X17PSCRIPTPLANS.pro (Deleted) \WORKSPACE\PLOTTING\NEW-GRAYSCALE.tbl (Deleted) \WORKSPACE\PLOTTING\NEW-GREYSCALE.tbl (Deleted) \\WORKSPACE\PLOTTING\NEW-METRICHLFGS.plt (Deleted) \WORKSPACE\PLOTTING\NEW-PRINTERHF2.plt (Deleted) \WORKSPACE\PLOTTING\OLD-NOGREY.plt (Deleted) \WORKSPACE\PLOTTING\OLD-PRINTERHF2C.plt (Deleted) \WORKSPACE\PLOTTING\PRINTERHF2A.plt (Deleted) \WORKSPACE\PLOTTING\PRINTERV8I.plt (Deleted) \WORKSPACE\PLOTTING\PSCRIPT-PLTCFG.xml (Deleted) \WORKSPACE\PLOTTING\TEMP_ENGLISHHLFGS.plt (Deleted) \WORKSPACE\PLOTTING\TEST-PDF.pltcfg (Deleted) \WORKSPACE\PLOTTING\V8I-GREYSCALE.tbl (Deleted)

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CU-10411	01/04/24	Closed	Medium	MDT's FXL file has omitted the asterisk in its line code commands causing incomplete processing of new survey data.	Two survey feature files created in Bentley. When the user imports a .csv, it will prompt them to select whether an asterisk was utilized in the FXL or not. Surveys should be able to be processed for legacy data that had the asterisk and new survey without the asterisk.	Enhanced (V9.0)	\OPENROADS\dgnlib\MDT_Project_Settings_3D_Imperial.dgnlib (Updated)
CU-10409 (I	12/22/24	Closed	Medium	Electrical detail drawings for 2A & 3A Signal Standards and 10-A Luminaire Standards require updates.	Updated 2A & 3A Signal Standards (added ring stiffening & note for CJP detail, changed luminaire and luminaire mast arm wall thickness to 10 ga., added elevator plumbizers for all mast arm connections). Updated 10-A Luminaire Standards (anchor bolt pre-tensioning "per Standard Specs," changed wall thickness to 10 ga.) Minor formatting & spelling corrections to several drawings.	Enhanced (V9.0)	\WORKGROUP\ELSTD\REF\TR_EL_DETAILDRAWINGS.DGN (Updated)
CU-10409	09/27/23	Closed	Medium	Engineer stamp for Megan Cail-Highways Design Engineer is needed for backup engineering plans signatory.	Highways Design Engineer stamp for Megan Cail created and File Utilities > Active File Settings macro updated.	Enhanced (V8.0)	\WORKGROUP\STDREF\RDSHEET.REF (Updated) \OPENROADS\cell\RD_Sheets.cel (Updated) \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba (Updated)
CU-10410	09/14/23	Closed	Low	A new apparent r/w process requires supporting workpace updates.	Updates were made to include a new E_RW APRNT LINE level, a new RWA linear feature, a new EFL_RWAPRNT feature definition, new cross section and plan cells, new D&C feature for draw ancillary template, and updated configuration files.	Enhanced (V8.0)	\OPENROADS\dgnlib\5MDT_Feature_Definitions_LandSurvey_Imperial.dgnlib (Updated) \OPENROADS\dgnlib\2MDT_Feature_Definitions_ROW_Imperial.dgnlib (Updated) \OPENROADS\dgnlib\MDT_Feature_Definitions_3D_Geometry_Imperial.dgnlib (Updated) \OPENROADS\cell\RD_XS.cel (Updated) \OPENROADS\cell\RD_Plan.cel (Updated) \OPENROADS\cell\ROW_Plan.cel (Updated) \OPENROADS\cell\RD_Notes.cel (Updated) \OPENROADS\cell\ROW_Sheets.cel (Updated) \WORKSPACE\CONFIG\MDT_RightOfWay.pcf (Updated) \WORKSPACE\CONFIG\MDT_Road_2018.pcf (Updated) \OPENROADS\MDT_ANCILLARY.AFD (Updated) \OPENROADS\data\feature_definitions\MDT_Standard_2018.DDB (Updated) \OPENROADS\data\feature_definitions\MDT_Cadastral_Imperial.SMD (Updated) \OPENROADS\data\feature_definitions\MDT_LandSurvey.xml (Updated) \SEED\RW_Plans\RWOWN.DGN (Updated) \SEED\RW_Plans\RWPLN.DGN (Updated) \SEED\RW_Plans\RWTTL.DGN (Updated)
CU-10408	07/17/23	Closed	Low	Docuplot command line for MDT pulldown menu needs edited AppToStart = DocuPlotPath + "Docuplot.exe -WorkspaceID=Enhanced -LoadUstn=0"	Command line edited.	Enhanced (V8.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_Public_Functions.mvba (Updated)
CU-10407	07/17/23	Closed	Low	Microsoft is transitioning from supporting the use of the .NET Framework software development framework for building and running applications on Windows to .NET affecting .NET application Docuplot.	The files were modified for use with the new version of Docuplot (Version 4.0.0) (.Net version).	Enhanced (V8.0)	\WORKSPACE\PLOTTING\8X11TIFF.PLT (Updated) \WORKSPACE\PLOTTING\8X11TIFFGSPdf.Plt (New) \WORKSPACE\PLOTTING\ENGLISHHLF.PLT (Updated) \WORKSPACE\PLOTTING\ENGLISHLTR.PLT (Updated) \WORKSPACE\PLOTTING\ENGLISHLTRGS.PLT (Updated) \WORKSPACE\PLOTTING\EnglishLtrGsPdf.plt (Updated) \WORKSPACE\PLOTTING\EnglishLtrPdf.plt (Updated)

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CU-10406	06/15/23	Closed	Low	New left and right arrow board and other detail cells were required.	New detail cells added: Angled-Parking-1, Angled-Parking_handicapt-1, Crosswalk-Enhanced, Crosswalk-Multilane, Crosswalk-Pedestrian, Crosswalk-School, LRG_ARROW-LEFT, LRG_ARROW-RIGHT, Pv_Rest_Area	Enhanced (V8.0)	\OPENROADS\cell\SI_DETAILS.cel (Updated)
CU-10405	04/03/23	Closed	Low	Additional sign arrow board cells required.	Sign arrow board cells "W1-7a", "W1-7al" and "W1-7ar" added.	Enhanced (V8.0)	\OpenRoads\OPENROADS\cell\SI_HORZ-CURVE.cel (Updated)
CU-10404	02/13/23	Closed	Low	Signing detail cell "PvTPM_CRS" required updates.	Signing details cell "PvTPM_CRS" was updated.	Enhanced (V8.0)	\OPENROADS\cell\SI_DETAILS.cel (Updated)
CU-10403	02/06/23	Closed	Low	Request for License Line and XS Label - railroad license label was needed for cross sections.	Feature line already existed. Created cross section "RR Lic" label and set the feature setting to plot the new cell.	Enhanced (V7.0)	\OPENROADS\dgnlib\2MDT_Feature_Definitions_ROW_Imperial.dgnlib \OPENROADS\cell\RD_XS.cel
CU-10402	01/31/23	Closed	Low	Survey Graphical Terrain filter not processing all Breakline data.	Created new terrain filter in dgnlib targeting open roads survey features.	Enhanced (V7.0)	\OPENROADS\dgnlib\Terrain_Model_Filters_3D_Imperial.dgnLIB
CU-10400	01/09/23	Closed	Low	MDT_RASTER_IMAGE_BASEMAP aerial imagery doesn't display after processing as-built files where the basemap is referenced from the file locally. MDT_RASTER_IMAGE_BASEMAP wetlands riparian imagery displays with a pattern of red crosses.	MTSTD: prefix was added to all WMS raster attachments. Wetlands .xwms files included expired WMS services. .xwms files for expired services were deleted and .xwms mapping file was updated for edited services.	Enhanced (V7.0)	\WORKGROUP\STDREF\MT_Raster\MDT_Raster_Image_Basemap.dgn (Deleted) \WORKGROUP\STDREF\MT_Raster\MSDI_WetlandsRiparian_Mapping.xwms (Deleted) \WORKGROUP\STDREF\MT_Raster\MSDI_WetlandsRiparian_BG.xwms (Deleted) \WORKGROUP\STDREF\MT_Raster\MSDI_WetlandsRiparian_NWIIncompleteWL.xwms (Deleted) \WORKGROUP\STDREF\MT_Raster\MSDI_WetlandsRiparian_NWIOutdatedWL.xwms (Deleted)
CU-10399	12/29/22	Closed	Low	Multiple Excel Hydraulic Data Summary template sources exist. One is as used through the Design Quantity Manager (XXXXXXXRDQMG002.xlsm maintained in Frames_Library_Engr.xlsx and the other saved from HydraulicDataSummary.xlsx in the WORKGROUP\HYSTD folder.	The HydraulicDataSummary.xlsx file is archived. XXXXXXXRDQMG002.xlsm will be maintained.	Enhanced (V7.0)	\WORKGROUP\HYSTD\Standard_Drawing\HydraulicDataSummary.xlsx (Deleted)
CU-10398	12/05/22	Closed	Low	SIALN file not supported with gpk plans macro.	Added SIALN file to gpk plans macro.	Enhanced (V7.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_File_Info.csv
CU-10397	12/12/22	Closed	Low	MDT APPS pulldown menu DMS link is not functional.	Project Content Management System (PCMS) page link was added to replace (Document Management System (DMS) link.	Enhanced (V7.0)	\WORKSPACE\INTERFACE\MDT_SS4\interface.dgnlib
CU-10396	12/12/22	Closed	Low	Using MicroStation Road Tools > Summary Sheets > Create Excel Quantity File, the project ...xlsx is created in the dgn but does not open, instead resulting in an error: Run-time error '-2147319765 (8002802b)' Automation error Element no found.	The vba was updated.	Enhanced (V7.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Excel_Quantities.mvba

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ID	Date	Status	Priority	Issue	Solution	Work-space	Files
CU-10395	12/09/22	Closed	Medium	Correction to Type 10-A Luminaire Standards detail mast arm connection note is needed.	Luminaire Standard mast arm connection note is edited from FOR ARMS BETWEEN 6 FT. AND 25 FT. IN LENGTH, USE AN 11" SQUARE PLATE WITH A BOLT SPACING OF 9 IN. VERTICAL AND 9" HORIZONTAL to FOR ARMS BETWEEN 16 FT. AND 25 FT. IN LENGTH, USE AN 11" SQUARE PLATE WITH A BOLT SPACING OF 9 IN. VERTICAL AND 9" HORIZONTAL	Enhanced (V7.0)	\WORKGROUP\ELSTD\REF\TR_EL_DETAILDRAWINGS.DGN
CU-10394	11/16/22	Closed	Medium	The Preconstruction Engineer, Consultant Design Engineer, and Bridge Engineer seals aren't up to date.	Preconstruction Engineer, Consultant Design Engineer, and Bridge Engineer seals have been added for Kelly Williams, Ryan Dahlke, and Andin Cullison, respectively.	Enhanced (V7.0)	\WORKGROUP\STDREF\RDSHEET.REF \OPENROADS\cell\RD_Sheets.cel \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba \OPENROADS\cell\ROW_Sheets.cel \SEED\RW_Plans\RWTTL.DGN \SEED\RW_Plans\RWTTLEXH.DGN
CU-10393	07/19/22	Closed	Medium	Import Drainage Feature Macro - various issues.	Macro was updated to address the following: 1) handling the type for PVC, HDPE, HSS, & SCP so that it places the 3D structures on the proper level, 2) linespacing on XS notes, 3) removal of "–" for pipes LT, 4) Annotation Scale off before drawing pipes, 5) foot mark to inch mark on culvert sizes, 6) rounding culvert offsets to nearest foot, 7) handling and drawing of default culvert for PVC, HDPE, HSS, & SCP pipes. FETS and end treatments will not be drawn.	Enhanced (V7.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_Existing_Survey_Drainage.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_SmartObjects.mvba
CU-10392	06/07/22	Closed	Low	Previous detail didn't distinguish between two allowable specifications for CLSM, and did not require the plant mix patch to be full depth in thicker road sections where the pavement is greater than 4". Update made in coordination with Geotech/Pavement Analysis.	Text in FLOWFILL cell was updated.	Enhanced (V7.0)	\OPENROADS\cell\EL_Plan.cel
CU-10391	05/11/22	Closed	Low	F10 function key needs to load a vba to summarize the totals for signing specification sheets.	Signing function key menu created with F10 set to load the vba to summarize the totals for signing specification sheets.	Enhanced (V7.0)	\WORKSPACE\FUNCTION_KEYS\Signing.mnu (New) \WORKSPACE\CONFIG\MDT_TR_Signing.pcf (Updated) \WORKSPACE\PROGRAMS\VBA\OPENROADS\SumNumericText.mvba (New)
CU-10390	04/26/22	Closed	Low	Warning sign cells have old sign names.	Warning sign cell sign names were updated.	Enhanced (V7.0)	\OPENROADS\cell\SI_WARNING.cel
CU-10389	04/13/22	Closed	Low	MDT Logo is not updated when developing new cross section layout sheets.	Logo updates were made under CU-10376. A cross section border update wasn't included. RD_XS.cel was updated with the new MDT Logo.	Enhanced (V7.0)	\OPENROADS\cell\RD_XS.cel
CU-10388	04/01/22	Closed	Medium	Electrical detail updates for 2A & 3A Signal Standards as well as minor revision to anchor bolt spec and A36 plate dimension required.	Signing details were updated.	Enhanced (V7.0)	\WORKGROUP\ELSTD\REF\TR_EL_DETAILDRAWINGS.DGN
CU-10387	03/18/22	Closed	Medium	The Import Drainage Feature Data macro (Road Tools > Survey > Import Drainage Features > Import Drainage Feature Data) uses a single prime (') foot denotation rather than double prime (") inch denotation for the culvert diameter when placing notes.	The Import Drainage Feature Data macro was updated to use a double prime (") inch denotation when placing notes.	Enhanced (V7.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_Existing_Survey_Drainage.mvba

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ID	Date	Status	Priority	Issue	Solution	Work-space	Files
CU-10386	03/18/22	Closed	Low	New Signing cell needed.	Signing cell SM.SHT was added to the SI_SIGN cell library.	Enhanced (V7.0)	\OPENROADS\cell\SI_SIGN.cel
CU-10385	03/04/22	Closed	Low	Create DGN's macro Help document doesn't include information on the Hydraulic Data Summary file creation.	Hydraulic Data Summary file information added to the Create DGN's Help document. Road Design Manual references were updated throughout.	Enhanced (V7.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\Macro_Help\MDT_Roadway_Create_DGNS.pdf
CU-10384	02/17/22	Closed	Low	Hydraulic detail drawing pdf files from the legacy workspace are outdated. Enhanced workspace standard drawing pdf files have been moved and linked at an alternate web location. They will no longer be needed in the workspace.	The standard drawing pdf files have been archived.	Enhanced (V7.0)	\WORKGROUP\HYSTD\Standard_Drawing\ADJUST_WATERMAIN.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\ADJUST_WATERMAIN_SERVICE.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\BEDDING_DBL_SSPP.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\BEDDING_DBL_SSPPA.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\BEDDING_SSPP.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\BEDDING_SSPPA.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\CULV_OUTLET_RIPRAP.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\HDSE.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\HYDRAULICS_STD_DWG.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\IRRSYPE_V8.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\LINED_DITCHES.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\RCB_DBL_SLOPED_END.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\RCB_DBL_TAPERED_WINGWALLS.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\RCB_DBL_WINGWALLS.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\RCB_SLOPED_END.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\RCB_TAPERED_WINGWALLS.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\RCB_WINGWALLS.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\REVEG_BANK_STABIL.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\RIPRAP_BASIN.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\RIPRAP_REVEGET(E).pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\SAFETY_SLOPE_END_SECTION_RCP.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\SAFETY_SLOPE_END_SECTIONS_CSP_CSPA.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\SPECIAL_DESIGN_CURB_INLET.pdf (Deleted) \WORKGROUP\HYSTD\Standard_Drawing\TRASHGRD_RCP.pdf (Deleted)
CU-10383	02/01/22	Closed	Low	New Signing PMQ/Rumble Strip detail required a note and scale modification.	Note was added and scale modified for detail cell PvTPM_CRS in the SI_DETAILS cell library.	Enhanced (V7.0)	\OPENROADS\cell\SI_DETAILS.cel
CU-10382	02/01/22	Closed	Low	New Signing PMQ/Rumble Strip detail needed.	Detail cell PvTPM_CRS was added to the SI_DETAILS cell library.	Enhanced (V7.0)	\OPENROADS\cell\SI_DETAILS.cel
CU-10381	02/01/22	Closed	Low	Running GPK Plan Sheets resulted in a dialog to choose from list of known file types or to detach MDT_Raster_Image_Basemap.dgn.	Running GPK Plan Sheets was updated to recogize MDT_Raster_Image_Basemap.dgn. Ref Check was updated to recognize various scenerios (all caps, mixed case) of MDT_Raster_Image_Basemap.dgn reference file.	Enhanced (V7.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Attach_Reference.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_PlanSheets_GPK.mvba
CU-10380	01/27/22	Closed	Medium	Letting date retired from road plans title sheet.	Letting date field was deleted.	Enhanced (V6.3)	\SEED\RD_Plans\RDTTL001.DGN \SEED\RD_Plans\RDTTLURB.DGN \OPENROADS\cell\RD_Sheets.cel \WORKGROUP\STDREF\RDSHEET.REF
CU-10379	01/27/22	Closed	Low	Control Traverse Abstract GUI easting field entry label is incorrect (E or Y Coordinate).	Control Traverse Abstract GUI easting field entry label updated to "E or X Coordinate".	Enhanced (V6.3)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Traverse.mvba

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CU-10378	01/27/22	Closed	Low	MDT APPS > CADD Info pulldown menu link doesn't work.	Updateed MDT APPS > CADD Info menu item to Engineering Apps & Resources linking to the new web page.	Enhanced (V6.3)	\WORKSPACE\INTERFACE\MDT_SS4\interface.dgnlib
CU-10377	01/27/22	Closed	Low	Update MDT Logo macro doesn't update logo.	Update MDT Logo macro updated to set Element Selection test settings.	Enhanced (V6.3)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\UpdateModelRef.mvba
CU-10376	01/26/22	Closed	Medium	New MDT Logo	Replaced logo on all files and all models within each file. Deleted the logo cell off in space in etrpl_or. Added macro to update logo for active Electrical and R/W project files accessed from the pulldown menu (Road Tools > R/W Tools> Update MDT Logo) or the Traffic Macros (General tab) dialog. R/W "EXH" filter edits are included to accommodate new logo level.	Enhanced (V6.3)	\workgroup\STDREF\RDSHEET.REF (Updated) \workgroup\STDREF\ETRAFPL_OR.REF (Updated) \workgroup\STDREF\GS_SNDGNCALC.REF (Updated) \workgroup\STDREF\legacy\PLANE.REF (Updated) \WORKSPACE\PROGRAMS\VBA\OPENROADS\UpdateModelRef.mvba (New) \WORKSPACE\PROGRAMS\VBA\OPENROADS\MDTTraffic_Enhanced.mvba (Updated) \WORKSPACE\INTERFACE\MDT_SS4\interface.dgnlib (Updated) \WORKSPACE\INTERFACE\MDT_SS4\interface_Road.dgnlib (Updated) \SEED\RW_Plans\RWEXH.DGN (Updated) \SEED\RW_Plans\RWOWN.DGN (Updated) \SEED\RW_Plans\RWPLN.DGN (Updated) \SEED\RW_Plans\RWTTL.DGN (Updated) \SEED\RW_Plans\RWTTLEXH.DGN (Updated) \SEED\TR_Plans\TRPLN.DGN (Updated) \OPENROADS\dgnlib\MDT_Level_RW_Filters.dgnlib (Updated) \OPENROADS\cell\MDT_LOGO_CELL.CEL (New) \OPENROADS\cell\RD_Sheets.cel (Updated)
CU-10375	01/19/22	Closed	Low	A ditch surface template is required to model approaches with Civil cells for production evaluation.	An Approach Ditch Surface Template was added for further production evaluation preceding implementation.	Enhanced (V6.3)	\OPENROADS\data\template_library\mdt_civil_templates_imperial_2018.itl
CU-10374	01/18/22	Closed	Medium	Electrical detail Type 10-A Luminaire Standards requires updates.	Updated Electrical detail 10-A Luminaire standards to 2015 LRFD.	Enhanced (V6.3)	\WORKGROUP\ELSTD\REF\TR_EL_DETAILDRAWINGS.DGN
CU-10373	01/14/22	Closed	Medium	The Import Drainage Feature Data macro (Road Tools > Survey > Import Drainage Features > Import Drainage Feature Data) isn't drawing the culverts on cross sections and doesn't include the double prime (") inch denotation for the diameter when placing notes. The Import Drainage Feature Data macro places note text with annotation scaling if Annotation Scale is turned on. This is not desired.	The Import Drainage Feature Data macro was updated to recognize the proper values to accomplish drawing culverts and to add double prime (") inch denotation when placing notes. The Import Drainage Feature Data macro was updated to turn off annotation scaling upon launch of the macro.	Enhanced (V6.3)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_Existing_Survey_Drainage.mvba
CU-10372	01/13/22	Closed	Medium	Blank (default) node for a square end pipe is a construction element on the same level (P_HY_DRG_CULVERT) as as other culverts requiring the "Constructions" View Attribute to be turned of to not plot.	The default node element template was updated to use a new level (P_HY_DRG_CULVERT_Default) allowing it to not be plotted by turning the level off without adjusting the "Constructions" View Attribute.	Enhanced (V6.3)	\OPENROADS\dgnlib\MDT_Feature_Definitions_Hydraulics_Imperial.dgnlib \OPENROADS\dgnlib\SUE\MDT_Subsurface_Features.dgnlib \OpenRoads\cell\MDT_Hydraulics_2D.cel
CU-10371	01/12/22	Closed	Medium	PLANE.REF has a circular reference (reference to itself) without a MTSTD: prefix in the DF_RDERO model. This is causing issues when uploading PLANE.REF to the AB folder for as-built plans.	The PLANE.REF circular reference was detached from model DF_RDERO as it appears that it's purpose was temporary to orient the data fields.	Enhanced (V6.3)	\WORKGROUP\STDREF\LEGACY\PLANE.REF

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ID	Date	Status	Priority	Issue	Solution	Work-space	Files
CU-10370	01/10/22	Closed	High	The As-Built macro won't access ETRAFPL signing workspace reference files - results in Run-time error '5': Invalid procedure call or argument.	The As-Built macro has been updated to add strSourceFile code to find ETRAFPL signing workspace reference files.	Enhanced (V6.3)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_AsBuilt.mvba
CU-10369	01/06/22	Closed	High	The As-Built macro will no longer work to "Get As-Built Files" with implementation of PCMS.	The As-Built macro has been updated to utilize the Access PCMS Docs console to download files from the PCMS database.	Enhanced (V6.3)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_AsBuilt.mvba
CU-10368	01/03/22	Closed	Low	Please add the ECF file type to the list of types that the REF Check macro can recognize. Attach mapping files macro doesn't filter in ECF file types for selection.	Added the EFC File class for road design. Attach mapping files macro was edited to include the ECF file type.	Enhanced (V6.3)	\workspace\programs\vba\openroads\MDT_File_Info.csv \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Attach_Reference.mvba
CU-10367	12/20/21	Closed	Low	Typical Pavement Marking and Historic Marker cells required updates.	Typical Pavement Marking and Historic Marker cells were updated.	Enhanced (V6.2)	\OPENROADS\cell\SI_DETAILS.cel
CU-10366	12/08/21	Closed	Low	The Road Tools > Plan Sheets > GPK Plan Sheets macro errors when choosing "Apply" using the consultant workspace.	The MDOHDIR variable that the macro is stalling on is unique to MDT's internal workspace. This variable is set in another location with code to detect the appropriate workspace and isn't needed. The macro has been updated to comment out this occurrence.	Enhanced (V6.2)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_PlanSheets_GPK.mvba
CU-10365	12/08/21	Closed	Low	A blank FET for a square end pipe isn't available.	A blank node was developed.	Enhanced (V6.3)	\OpenRoads\cell\MDT_Hydraulics_2D.cel \OpenRoads\cell\MDT_Hydraulics_3D.cel \OpenRoads\dgnlib\SUE\MDT_Subsurface_Features.dgnlib
CU-10364	11/04/21	Closed	Low	Civil cells for approaches developed for production evaluation require updates.	Civil cells have been updated for further production evaluation preceding implementation.	Enhanced (V6.3)	\OPENROADS\dgnlib\Civil_Cells\MDT_STD_Approach.dgnlib
CU-10363	10/18/21	Closed	Medium	Updated to GuideSIGN 8. Load GuideSIGN pulldown menu option requires updating t o load GuideSIGN 8.	Load GuideSIGN pulldown menu option was updated to load GuideSIGN 8.	Enhanced (V6.2)	\WORKSPACE\INTERFACE\MDT_SS4\interface_Traffic.dgnlib
CU-10362	10/14/21	Closed	Low	CU-10359 - Detectable Warning Device component wasn't included in update CU-10359.	Added component for Detectable Warning Device - TC_Sidewalk_Detectable WarningDevice.	Enhanced (V6.1)	\OPENROADS\dgnlib\MDT_Feature_Definitions_3D_Templates_Imperial.dgnlib
CU-10361	09/24/21	Closed	Low	.xwms aerial files attached directly to project files requires project file geographic coordinate system to be set for imagery to come in at the correct location. The reprojected imagery causes a "Raster image is currently reprojected" error when clipping requiring the "Inherit GeoCS from Model" setting to be changed for clipping and changed back after clipping.	The coordinate system was set/corrected to EPSG:2256 in the 2013, 2015, 2017 and 2019 .xwms files.	Enhanced (V6.1)	\WORKGROUP\STDREF\MT_Raster\MSDI_NAIP_2013.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_NAIP_2015.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_NAIP_2017.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_NAIP_2019.xwms \WORKGROUP\STDREF\MT_Raster\MDT_Raster_Image_Basemap.dgn
CU-10360	09/15/21	Closed	Low	Level Display Priority doesn't edit.	MS_LEVEL_EDIT_ATTRIBUTE_LIST variable was corrected from "Priority" to "DisplayPriority" to allow editing of this level property.	Enhanced (V6.2)	\WORKSPACE\CONFIG\MDT_OPENROADS.ucf
CU-10359	08/30/21	Closed	Low	User requested Detectable Warning Device feature representing the boundary. Also requested was a component for the ablilty to calculate the sq yards for the quantity.	Added new feature for Detectable warning device.	Enhanced (V6.0)	\OPENROADS\dgnlib\MDT_Feature_Definitions_3D_Templates_Imperial.dgnlib \OPENROADS\dgnlib\MDT_Feature_Definitions_3D_Geometry_Imperial.dgnlib

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Work-space	Files
CU-10358	08/30/21	Closed	Low	Detectable warning devices pattern legend in ADA detail sheets is not available in the pattern cell li brary.	Decision was to change the legend to use cir3 pattern for DWD.	Enhanced (V6.0)	\OPENROADS\cell\RD_Sheets.cel \Seed\RD_Plans\RDDETADA.DGN \workgroup\STDREF\RDSHEET.REF
CU-10357	08/30/21	Closed	Low	MSDI_Hydrography model used as reference attachment for the Hydrography WMS imagery is a 3D model. WMS connection for MSDI_Hydrography isn't displaying consistently or with all available layers. WMS connection for MSDI_PLSSWebMerc isn't displaying with all available layers. Some MDT_Raster_Image_Basemap.dgn WMS levels have unneccessary ByLevel attributes assigned. MSDI_Mapping_Control imagery connection was failing. Default boundary for all imagery was cutting off map data. WMS connection for Transportation isn't displaying consistently or with all available layers. MDT Routes, Boundaries, Land Cover, Roads, Structures, Transportation, Watershed and Wetlands Riparian data isn't clearly represented.	MSDI_Hydrography model was recreated as 2D model. XWMS file was rebuilt to display each layer in individual xwms files and reattached on individual levels. XWMS file was rebuilt to display each layer in individual xwms files and reattached on individual levels. ByLevel attributes were set to 0. MSID_Mapping_Control xwms file was rebuilt. PLSSWebMerc imagery boundary was manually adjusted to display data for entire state. WMS service for Transportation imagery was fixed by the State Library and xwms file was rebuilt to display each layer in individual xwms files and reattached on individual levels. XWMS files were rebuilt to display each layer in individual xwms files and reattached on individual levels to allow user identification and analysis of data.	Enhanced (V6.0)	\WORKGROUP\STDREF\MT_Raster\MDT_GIS_MDT_Routes.xwms (Deleted) \WORKGROUP\STDREF\MT_Raster\MDT_GIS_MDT_Routes_Interstate.xwms (New) \WORKGROUP\STDREF\MT_Raster\MDT_GIS_MDT_Routes_OffSystem.xwms (New) \WORKGROUP\STDREF\MT_Raster\MDT_GIS_MDT_Routes_OnSystem.xwms (New) \WORKGROUP\STDREF\MT_Raster\MDT_GIS_Reference_Markers.xwms (Updated) \WORKGROUP\STDREF\MT_Raster\MDT_GIS_Reference_Markers_Labeled.xwms (Updated) \WORKGROUP\STDREF\MT_Raster\MDT_GIS_Reference_Markers_Labeled_BG.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries.xwms (Deleted) \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_County.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_County_BG.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_ElementarySchoolDistricts.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_ElementarySchoolDistricts_BG.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_IncorporatedCities-Towns.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_Reservations.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_SecondarySchoolDistricts.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_SecondarySchoolDistricts_BG.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_State.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_TaxIncrementFinancingDistricts.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_UnifiedK-12SchoolDistricts.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_UnifiedK-12SchoolDistricts_BG.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_VotingPrecincts.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_VotingPrecincts_BG.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_WeedManagementDistricts.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_WeedManagementDistricts_BG.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_ConservationEasements.xwms (Updated) \WORKGROUP\STDREF\MT_Raster\MSDI_Hydrography.xwms (Deleted) \WORKGROUP\STDREF\MT_Raster\MSDI_Hydrography_Area.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Hydrography_Flowline.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Hydrography_Flowline-Direction.xwms (New)

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Work-space	Files
				Reference Markers, Boundary, Managed Areas, PLSSWebMerc, Roads, Transportation, Watershed Boundary and Wetlands Riparian text is not readable with transparent display of map data. MDT Maps doesn't attach newly released 2019 aerial photography. MDT Maps doesn't have a "Help" document.	WMS service was added for each without transparency. These services have a white background (BG) and are attached on a corresponding level that is automatically off but available to turn on for user readability. MSDI_MAIP_2019.xwms file and basemap model were created. MDT Maps vba dialog size was lengthened to display all available basemap models without scrolling. MDT Maps help document was created and added to MDT Maps vba dialog.		\WORKGROUP\STDREF\MT_Raster\MSDI_Hydrography_Line.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Hydrography_Point.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Hydrography_PointEvent.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Hydrography_Waterbody.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Land_Cover.xwms (Deleted) \WORKGROUP\STDREF\MT_Raster\MSDI_Land_Cover_Level1.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Land_Cover_Level2.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Land_Cover_Level3.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Managed_Areas.xwms (Updated) \WORKGROUP\STDREF\MT_Raster\MSDI_Managed_Areas_BG.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Mapping_Control.xwms (Updated) \WORKGROUP\STDREF\MT_Raster\MSDI_Montana_Geographic_Names.xwms (Updated) \WORKGROUP\STDREF\MT_Raster\MSDI_Montana_Geographic_Names_BG.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_NAIP_2013.xwms (Updated) \WORKGROUP\STDREF\MT_Raster\MSDI_NAIP_2015.xwms (Updated) \WORKGROUP\STDREF\MT_Raster\MSDI_NAIP_2017.xwms (Updated) \WORKGROUP\STDREF\MT_Raster\MSDI_NAIP_2019.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Parcels.xwms (Updated) \WORKGROUP\STDREF\MT_Raster\MSDI_PLSSWebMerc.xwms (Deleted) \WORKGROUP\STDREF\MT_Raster\MSDI_PLSSWebMerc_BG.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_PLSSWebMerc_FirstDivision.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_PLSSWebMerc_MeanderedWater.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_PLSSWebMerc_Point.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_PLSSWebMerc_SecondDivision.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_PLSSWebMerc_SpecialSurvey.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_PLSSWebMerc_Township.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Public_Lands.xwms (Updated) \WORKGROUP\STDREF\MT_Raster\MSDI_Roads.xwms (Deleted) \WORKGROUP\STDREF\MT_Raster\MSDI_Roads_All_HwysCadastral.xwms (New)

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Work-space	Files
							\WORKGROUP\STDREF\MT_Raster\MSDI_Roads_All_RdsCadastral.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Roads_All_WebRdsPrimaryRural.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Roads_BG.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Roads_RoadLabels_HwysCadastral.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Roads_RoadLabels_PrimaryRds.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Roads_RoadLabels_PrimaryRdsMidRange.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Roads_RoadLabels_RdsCadastral.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Roads_RoadLabels_WebRdsPrimaryRural.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Roads_RoadTransSystem_HwysCadastral.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Roads_RoadTransSystem_PrimaryRailroad.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Roads_RoadTransSystem_PrimaryRds.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Roads_RoadTransSystem_PrimaryRdsMidRange.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Roads_RoadTransSystem_RdsCadastral.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Roads_RoadTransSystem_WebRdsPrimaryRural.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Stuctures_SPC.xwms (Deleted) \WORKGROUP\STDREF\MT_Raster\MSDI_Stuctures_SPC_MTAddresses.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Stuctures_SPC_MTStructures.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Transportation.xwms (Deleted) \WORKGROUP\STDREF\MT_Raster\MSDI_Transportation_BG.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Transportation-Bridges.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Transportation-MilePost.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Transportation-RailRoad.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Transportation-Roads.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Transportation-RunwayTaxiway.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Transportation-SimplifiedRoadsHwy.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Transportation-SimplifiedRoadsOther.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Transportation-SimplifiedRoadsPublic.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Transportation-Trails.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Watershed_Bdry_Basin-WBD_HU6.xwms (New)
							\WORKGROUP\STDREF\MT_Raster\MSDI_Watershed_Bdry_BG.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Watershed_Bdry_MajorDrainageAreas.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Watershed_Bdry_Subbasin-WBD_HU8.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Watershed_Bdry_Subregion-WBD_HU4.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Watershed_Bdry_Subwatershed-WBD_HU12.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Watershed_Bdry_Watershed-WBD_HU10.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_Watershed_Boundaries.xwms (Deleted) \WORKGROUP\STDREF\MT_Raster\MSDI_WetlandsRiparian.xwms (Deleted) \WORKGROUP\STDREF\MT_Raster\MSDI_WetlandsRiparian_BG.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_WetlandsRiparian_Mapping.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_WetlandsRiparian_NWIIncompleteWL.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_WetlandsRiparian_NWIOutdatedWL.xwms (New) \WORKGROUP\STDREF\MT_Raster\MSDI_WetlandsRiparian_QuadStatus202003.xwms (New) \WORKGROUP\STDREF\MT_Raster\MDT_Raster_Image_Basemap.dgn (Updated) \WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_AttachRaster.mvba (Updated) \WORKSPACE\PROGRAMS\VBA\OPENROADS\Macro_Help\MDT_Maps.pdf (New)
CU-10356	08/16/21	Closed	Low	Level filter "#Proposed" doesn't filter all proposed levels.	Excluded levels were updated to include proposed filter criteria - "Proposed" in Description.	Enhanced (V6.0)	\OPENROADS\dgnlib\MDT_Traffic_Geometrics.dgnlib \OPENROADS\dgnlib\MDT_Traffic_Electrical.dgnlib \OPENROADS\dgnlib\2MDT_Feature_Definitions_ROW_Imperial.dgnlib \OPENROADS\dgnlib\MDT_Traffic_Signing.dgnlib \OPENROADS\dgnlib\MDT_Feature_Definitions_Pavement_Markings.dgnlib

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Work-space	Files
CU-10355	07/22/21	Closed	Low	As-built macro is deleting RO files and copying BR .std files for renaming that are managed differently from other files in the as-built process. Macro and pulldown menu titles have inconsistent "as-built" labeling and versioning. "As-Built" labels for title and bridge sheets need to be placed at a different location.	As-built macro was edited to locate RO files in the ref directory and void copy of .std files so they aren't subject to handling or renaming. Macro and pulldown menus were updated to use "As-Built" and remove versioning. Macro was edited to locate "As-Built" labels in the left sheet margin for all Bridge sheets and beneath the top center project info for title sheets.	Enhanced (V6.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_AsBuilt.mvba \WORKSPACE\INTERFACE\MDT_SS4\interface.dgnlib \WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_File_Info.CSV
CU-10354	07/08/21	Closed	Low	The text font in the detail for Type 2A/3A Signal Standard required font updates.	The text font in the detail for Type 2A/3A Signal Standard has been updated to Engineering Bold.	Enhanced (V6.0)	\WORKGROUP\ELSTD\REF\TR_EL_DETAILDRAWINGS.DGN
CU-10353	05/28/21	Closed	Low	ucf file required comments.	ucf file was updated with variables considered but not activated to resolve error messages related to too many elements when importing ALGs and GPKs. These variables will instead be activated in session when needed per documentation.	Enhanced (V6.0)	\OpenRoads\WORKSPACE\CONFIG\MDT_OPENROADS.ucf
CU-10352	05/11/21	Closed	Low	RunManageExceptionLogs.bat and MANAGEEXCEPTIONLOGS.VBS tools are no longer in use.	Deleted RunManageExceptionLogs.bat and MANAGEEXCEPTIONLOGS.VBS. Edited MDT_OPENROADS.ucf and MDT_SUE.ucf to retire the MS_PROCESSEXCEPTIONLOG variable definition.	Enhanced (V5.0)	\MANAGEEXCEPTIONLOGS.VBS (Deleted) \RunManageExceptionLogs.bat (Deleted) \WORKSPACE\CONFIG\MDT_OPENROADS.ucf (Updated) \WORKSPACE\CONFIG\MDT_SUE.ucf (Updated)
CU-10351	05/10/21	Closed	Medium	2013, 2015 and 2017 MSDI NAIP aerial wms links crop the state of montana imagery along the northern, eastern and southern boundaries.	The xwms link files were adjusted to expand the boundaries by adjusting the Layer Ranges to not be used as a limit and setting the Projected Coordinates.	Enhanced (V5.0)	\WORKGROUP\STDREF\MT_Raster\MSDI_NAIP_2013.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_NAIP_2015.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_NAIP_2017.xwms
CU-10350	04/28/21	Closed	Medium	Utility ByLevel color assignments for Gas, Sanitary Sewer and Storm Drain levels are all green.	Utility ByLevel color assignments for E_Utility_Gas_GasUnderground, E_Utility_Gas_GasMeter, E_Utility_Gas_GasValve and E_Utility_GasUndergroundPoint were changed to yellow (color 56); E_Utility_Drainage_StormDrain, E_Utility_Drainage_StormDrainPoint and E_Utility_Manhole_ManholeStormDrain were changed to magenta (color 21). Corresponding survey feature file updates were also made.	Enhanced (V5.0)	\OPENROADS\dgnlib\1MDT_Feature_Definitions_Survey_Imperial.dgnlib
CU-10349	04/15/21	Closed	Low	4 older bridge seed files are no longer used in production.	Seed files were deleted.	Enhanced (V5.0)	\WORKGROUP\BRSTD\BR_DWG_SEED\BR_OR_SEED.DGN (Deleted) \WORKGROUP\BRSTD\BR_DWG_SEED\BR_OR_SEED_SINGLE.DGN (Deleted) \WORKGROUP\BRSTD\BR_DWG_SEED\QSHEET_CNSLT.DGN (Deleted) \WORKGROUP\BRSTD\BR_DWG_SEED\QSHEET_MDT.DGN (Deleted)
CU-10348	03/29/21	Closed	Medium	Users who do not have write access to caddstandards files get a message file is read only when recreating an existing file	Editied the sub routine for creating dgns to create a tmp.dgn file locally rather than opening the seed file in the standards. The file is recreated and then the tmp.dgn file is deleted.	Enhanced (V5.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Work-space	Files
CU-10347	03/12/21	Closed	Low	A variety of color tables are used in seed files and standard reference files.	Seed files and standard reference files were updated to use the standard color table.	Enhanced (V5.0)	\SEED\TR_Plans\#######SISDC001.DGN \SEED\TR_Plans\TRPLN.DGN \SEED\RD_Plans\RDDET001.DGN \SEED\RD_Plans\RDDETADA.DGN \SEED\RD_Plans\RDERO001.DGN \SEED\RD_Plans\RDERT001.DGN \SEED\RD_Plans\RDLAY001.DGN \SEED\RD_Plans\RDPLN001.DGN \SEED\RD_Plans\RDPLP010.DGN \SEED\RD_Plans\RDPLP020.DGN \SEED\RD_Plans\RDPLP050.DGN \SEED\RD_Plans\RDPLP100.DGN \SEED\RD_Plans\RDPVP001.DGN \SEED\RD_Plans\RDSUM001.DGN \SEED\RD_Plans\RDTRV001.DGN \SEED\RD_Plans\RDTRVGPS.DGN \SEED\RD_Plans\RDTTL001.DGN \SEED\RD_Plans\RDTTLURB.DGN \SEED\RD_Plans\RDTYP001.DGN \SEED\RD_Plans\RDXSF001.DGN \SEED\HY_Plans\HYDET001.DGN \WORKGROUP\STDREF\GS_SNDGNCALC.REF \WORKGROUP\STDREF\RDSHEET.REF
CU-10346	03/12/21	Closed	Low	Macros on the Road Tools pulldown menu that interact with GEOPAK cause error "Run-time error '-2147024770(8007007e)' automation error - the specified module could not be found" when initiated in MicroStation without GEOPAK being activated.	The macros were update to provide a warning message "X GEOPAK must be Activated in order to run this application." VBA titles updated to match pulldown menu: "Merge GPK Elements" changed to "Merge GPK Files", "Import Drainage Features" to "Import Drainage DPK Adhocs", "Cross Section Movie" to "XS Movie", "CENTERLINE COORDINATE TABLE" to "Alignment Coordinate Frame", "Save DP Locations 1.2" to "DP Save", "MDT RW Points 1.2" to R/W Labeler"	Enhanced (V5.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_CoGoFrame.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_DPsave.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_DrawAlignmentCells.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Existing_Drainage.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Existing_Survey.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Merge_GPK.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_RWLabeler.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_XS_Movie.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_XS_PlaceSheetClips.mvba
CU-10345	03/09/21	Closed	Medium	Catastrophic error is occuring for small number of users when accessing any vba tools from the Road Tools pulldown that are reading from v8i_Create_RDMAP_Files.mvba. Create DGN's Workgroup dropdown selection allows key entry which can mislead a user to enter another workgroup that isn't supported causing error.	Edited vba MDT Project Manager, MDT Active File Settings and CPB Labeler (aka Plans Labeler) forms to use a different Sample LST File button graphic. Create DGN's Workgoup dropdown selection combo box style was edited to disable key entry.	Enhanced (V5.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba
CU-10344	03/05/21	Closed	Low	Asbuilt macro required edits as enhancements.	Asbuilt macro was edited.	Enhanced (V5.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_AsBuilt.mvba
CU-10343	03/03/21	Closed	Low	Create Excel Quantity File help guide included outdated information.	Create Excel Quantity File (Road Tools > Summary Sheets > Create Excel Quantity File) help guide was updated and renamed.	Enhanced (V5.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\Macro_Help\MDT_Summary_Sheets_Create_Estimate_File.pdf (Deleted) \WORKSPACE\PROGRAMS\VBA\OPENROADS\Macro_Help\MDT_Create_Excel_Quantity_File.pdf (New) \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Excel_Quantities.mvba (Updated)

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Work-space	Files
CU-10342	03/01/21	Closed	High	Asbuilt macro working on prd for domain change name.	Fixed the domain name target for the macro	Enhanced (V5.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_AsBuilt.mvba
CU-10341	02/16/21	Closed	Low	Have the window “You are currently using the MDT Enhanced Workspace…” not show when opening a SDC as the Resolution is set at 12000 for conversions to 1/8” for GuideSIGN to work properly. When loading a Sign Design Calc, this window for Resolution can be eliminated?	Adjusted the macro to read storeage units instead of master units	Enhanced (V5.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\Check_Workspace_WorkingUnits.mvba
CU-10340	02/16/21	Closed	Low	When zipping/unzipping/copying the workspace, legacy Bridge reference file causes a Interrupted Action error "An unexpected error is keeping you from copying the file. If you continue to receive this error, you can use the error code to search for help with this problem. Error 0x80004005: Unspecified error - EBRGBDR042611.REF - Type: REF File Date modified: 10/29/2012 1:07 PM - Size: 3.00 MB".	Opened and compressed design file.	Enhanced (V5.0)	\WORKGROUP\STDREF\LEGACY\BRSTD\EBRGBDR042611.REF
CU-10339	09/22/20	Closed	Low	File management sync issue.	File updated.	Enhanced (V4.0)	\OPENROADS\dgnlib\Terrain_Model_Filters_3D_Imperial.dgnlib
CU-10338	01/20/21	Closed	Low	Import Topog Features tool help document wasn't current. Break Shapes tool help document page number was incorrect.	Import Topog Features tool help document was updated along with formatting and file property updates. Break Shapes tool help document page number was corrected along with formatting and file property updates.	Enhanced (V4.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\Macro_Help\MDT_Break_Shapes.pdf \WORKSPACE\PROGRAMS\VBA\OPENROADS\Macro_Help\MDT_Import_Topog_Features.pdf
CU-10337	01/19/21	Closed	Low	When using the Import Topog Features tool (Road Tools>Survey>Import Topog Features), nothing happens when attempting to insert the utility cells into the cross sections and an error "Run-time error '-2147467261 (80004003)': Index not found. The specified index or name does not exist in the collection" occurs when the c:\dgn is not the working directory such as when using the consultant workspace.	The vba had a file path coded to the c:\dgn directory. The code was adjusted to recognize the consultant dirDGN configuration path.	Enhanced (V4.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Existing_Survey.mvba

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CU-10336	01/15/21	Closed	Low	Updates to cells and seed files for MDT Signing were needed. Annotation line styles weren't rendering properly with drawing scale adjustments in SI files.	New/modified cells, including new cell OH_GUIDE in SI_Details.cel. Model properties for SI plan seed files were adjusted from "Global Line Style Scale" to "Annotation Scale" and "Update Fields Automatically" toggled on. Default drawing scale was left at Full Size 1"=1" expecting this to be adjusted as appropriate during the design process.	Enhanced (V4.0)	\OPENROADS\cell\SI_BIKE_PED_SCHOOL.cel \OPENROADS\cell\SI_DELINEATION.CEL \OPENROADS\cell\SI_DETAILS.cel \OPENROADS\cell\SI_GUIDE.cel \OPENROADS\cell\SI_GuideSIGN.cel \OPENROADS\cell\SI_HORZ-CURVE.cel \OPENROADS\cell\SI_REGULATORY.cel \OPENROADS\cell\SI_SIGN.cel \OPENROADS\cell\SI_WARNING.cel \SEED\TR_Plans\#######SIDET001.DGN \SEED\TR_Plans\#######SIMAP001.DGN \SEED\TR_Plans\#######SIPLN001.DGN \SEED\TR_Plans\#######SISDC001.DGN \SEED\TR_Plans\#######SISUM001.DGN \SEED\TR_Plans\#######SITTL001.DGN \SEED\TR_Plans\TRPLN.DGN
CU-10335	01/08/21	Closed	High	The director shown in the plans title block is no longer current.	The director name was updated in the title block for Road and Signing plans.	Enhanced (V4.0)	\WORKGROUP\STDREF\ETRAFPL_OR.REF \WORKGROUP\STDREF\RDSHEET.REF