MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
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
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 (B)	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

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
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
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

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
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-10401	01/19/23	Closed	Low	MDT Maps doesn't attach newly released 2021 aerial photography.	MSDI_MAIP_2021.xwms file was created and prepared in basemap.	Enhanced (V7.0)	\WORKGROUP\STDREF\MT_Raster\MDT_Raster_Image_Basemap.dgn \WORKGROUP\STDREF\MT_Raster\MSDI_NAIP_2021.xwms	Updated New
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 \WORKGROUP\STDREF\MT_Raster\MSDI_WetlandsRiparian_Mapping.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_WetlandsRiparian_BG.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_WetlandsRiparian_NWIIncompleteWL.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_WetlandsRiparian_NWIOutdatedWL.xwms	Updated Updated Deleted Deleted Deleted

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
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	
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	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
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 \WORKSPACE\CONFIG\MDT_TR_Signing.pcf \WORKSPACE\PROGRAMS\VBA\OPENROADS\SumNumericText.mvba	New Updated 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	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
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	
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

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
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	
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	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
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 \workgroup\STDREF\ETRAFPL_OR.REF \workgroup\STDREF\GS_SNDGNCALC.REF \workgroup\STDREF\legacy\PLANE.REF \WORKSPACE\PROGRAMS\VBA\OPENROADS\UpdateModelRef.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\MDTTraffic_Enhanced.mvba \WORKSPACE\INTERFACE\MDT_SS4\interface.dgnlib \WORKSPACE\INTERFACE\MDT_SS4\interface_Road.dgnlib \SEED\RW_Plans\RWEXH.DGN \SEED\RW_Plans\RWOWN.DGN \SEED\RW_Plans\RWPLN.DGN \SEED\RW_Plans\RWTTL.DGN \SEED\RW_Plans\RWTTLEXH.DGN \SEED\TR_Plans\TRPLN.DGN \OPENROADS\dgnlib\MDT_Level_RW_Filters.dgnlib \OPENROADS\cell\MDT_LOGO_CELL.CEL \OPENROADS\cell\RD_Sheets.cel	Updated Updated Updated Updated New Updated Updated Updated Updated Updated Updated Updated Updated Updated Updated New 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	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
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	
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	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
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 to 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	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
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	
CU-10358	08/30/21	Closed	Low	Detectable warning devices pattern legend in ADA detail sheets is not available in the pattern cell library.	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	Enhanced (V6.0)	\WORKGROUP\STDREF\MT_Raster\MDT_GIS_MDT_Routes.xwms \WORKGROUP\STDREF\MT_Raster\MDT_GIS_MDT_Routes_Interstate.xwms \WORKGROUP\STDREF\MT_Raster\MDT_GIS_MDT_Routes_OffSystem.xwms \WORKGROUP\STDREF\MT_Raster\MDT_GIS_MDT_Routes_OnSystem.xwms \WORKGROUP\STDREF\MT_Raster\MDT_GIS_Reference_Markers.xwms \WORKGROUP\STDREF\MT_Raster\MDT_GIS_Reference_Markers_Labeled.xwms \WORKGROUP\STDREF\MT_Raster\MDT_GIS_Reference_Markers_Labeled_BG.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_County.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_County_BG.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_ElementarySchoolDistricts.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_ElementarySchoolDistricts_BG.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_IncorporatedCities-Towns.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_Reservations.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_SecondarySchoolDistricts.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_SecondarySchoolDistricts_BG.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_State.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_TaxIncrementFinancingDistricts.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_UnifiedK-12SchoolDistricts.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_UnifiedK-12SchoolDistricts_BG.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_VotingPrecincts.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_VotingPrecincts_BG.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_WeedManagementDistricts.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries_WeedManagementDistricts_BG.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_ConservationEasements.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_Hydrography.xwms \WORKGROUP\STDREF\MT_Raster\MSDI_Hydrography_Area.xwms	Deleted New New New Updated Updated New Deleted New New New New New New New New New New New New New New New New Updated Deleted New

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
				Riparian data isn't clearly represented.	levels to allow user identification and analysis of data.		\WORKGROUP\STDREF\MT_Raster\MSDI_Hydrography_Flowline.xwms	New
							\WORKGROUP\STDREF\MT_Raster\MSDI_Hydrography_Flowline-Direction.xwms	New
				Reference Markers, Boundary, Managed Areas, PLSSWebMerc, Roads, Transportation, Watershed Boundary and Wetlands Riparian text is not readable with transparent display of map data.	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.		\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
				MDT Maps doesn't attach newly released 2019 aerial photography.	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.		\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
				MDT Maps doesn't have a "Help" document.	MDT Maps help document was created and added to MDT Maps vba dialog.		\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
							\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.xw	New
							\WORKGROUP\STDREF\MT_Raster\MSDI_Roads_RoadTransSystem_RdsCadastral.xwms	New
							\WORKGROUP\STDREF\MT_Raster\MSDI_Roads_RoadTransSystem_WebRdsPrimaryRural.xw	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

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
							\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	
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	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
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 \RunManageExceptionLogs.bat \WORKSPACE\CONFIG\MDT_OPENROADS.ucf \WORKSPACE\CONFIG\MDT_SUE.ucf	Deleted Deleted Updated 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 \WORKGROUP\BRSTD\BR_DWG_SEED\BR_OR_SEED_SINGLE.DGN \WORKGROUP\BRSTD\BR_DWG_SEED\QSHEET_CNSLT.DGN \WORKGROUP\BRSTD\BR_DWG_SEED\QSHEET_MDT.DGN	Deleted Deleted Deleted 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	Workspace	Files	Remarks
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	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
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_E \WORKSPACE\PROGRAMS\VBA\OPENROADS\Macro_Help\MDT_Create_Excel_Quantity_File. \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Excel_Quantities.mvba	Deleted New Updated
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	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
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	
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	

CU-10334	12/18/20	Closed	Medium	Detailed drawing CADD files are located in a variety of directories with some of those directories not being current.
				
				MDT_Plotting.ucf properties were not set to read only.
					- The current dual unit detailed drawings have been moved to the Detailed Drawings internet page to be released by the Construction Engineering Services Bureau and all other English and Metric detailed drawing dgn files were deleted.
					- The config variables for "MDT Reference Setting to CADDSTD directory" defining MTSTDE path to $(MDOHDIR)workgroup/STDDET/ENGLISH and MTSTDM path to $(MDOHDIR)workgroup/STDDET/METRIC were
						Enhanced (V4.0)	\WORKGROUP\STDDET\
							    ...DUAL**All Files**
							    ...ENGLISH**All Files**
							    ...METRIC**All Files**
							\WORKSPACE\CONFIG\MDT_OPENROADS.ucf
							\WORKSPACE\CONFIG\MDT_Plotting.ucf
							\WORKSPACE\CONFIG\MDT_SUE.ucf
								Deleted
								Deleted
								Deleted
								Deleted
								Updated
								Updated
								Updated

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
					deleted. Standard drawing files are not intended to be referenced as the content changes where project specific plan details should be static. Any detailed drawings that may have been referenced from the workspace will require close review to restore the original intent. - MDT_Plotting.ucf properties were set to read only.			
CU-10333	12/17/20	Closed	Low	The End Area Volume style sheet doesn't include a "grand summary total" where add volumes are totaled with end area volumes.	New end area volume report created to include Totals with Added Quantities.	Enhanced (V4.0)	\OPENROADS\en\Evaluation\EndAreaVolume-TAQ_MTDOT.xsl	New
CU-10332	12/17/20	Closed	Low	- DP Save (accessed from Road Tools > R/W Tools pulldown menu) Help label wasn't loading help document. - Place XS Sheet Clips (accessed from Road Tools > Cross Sections pulldown menu) Help button wasn't loading help document. - CPB Labeler (accessed from Road Tools > Plan Sheets pulldown menu) Help button wasn't loading help document. - Help documents were included that no longer apply or not linked from vba	- DP Save vba was edited to include modVariableDefinitions module for pathing and DATA_POINT_SAVE.pdf was restored to the Macro_Help directory. - Place XS Sheet Clips vba was edited to include modVariableDefinitions module for pathing. - CPB Labeler vba was edited to include code for openingMDT_Plan_Sheets_CPB_Labeler.pdf. - Help documents that were no longer used or not linked from vba were deleted.	Enhanced (V4.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_DPsave.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\Macro_Help\DATA_POINT_SAVE.pdf \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\Macro_Help\MDT_Plan_Sheets_CPB_Labler.pd \WORKSPACE\PROGRAMS\VBA\OPENROADS\Macro_Help\MDT_Plan_Sheets_CPB_Labeler.p \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_XS_PlaceSheetClips.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\Macro_Help\MDT_Geopak_Merge_TINS.pdf \WORKSPACE\PROGRAMS\VBA\OPENROADS\Macro_Help\MDT_GPK_Label_Profile_Informati \WORKSPACE\PROGRAMS\VBA\OPENROADS\Macro_Help\MDT_Road_Tools_Macros.pdf \WORKSPACE\PROGRAMS\VBA\OPENROADS\Macro_Help\MDT_Summary_Sheets_Place_MS \WORKSPACE\PROGRAMS\VBA\OPENROADS\Macro_Help\V8I_ROAD_TOOLS_MACROS_HE	Updated New Updated Renamed/Deleted Renamed/New Updated Deleted Deleted Deleted Deleted Deleted
CU-10331	12/04/20	Closed	Low	The r/w title sheet seed file access controlled facility note is incorrectly displaying on the left side of the page above the north arrow.	The access controlled facility note position was corrected to the right side of the sheet below the ownership sheet no. note.	Enhanced (V4.0)	\SEED\RW_Plans\RWTTL.DGN	
CU-10330	11/23/20	Closed	Medium	A feature definition for OHWM (Ordinary High Water Mark) doesn't exist.	A feature definition for OHWM draping and boundary display was added.	Enhanced (V4.0)	\OPENROADS\dgnlib\3MDT_Feature_Definitions_Environmental_Imperial.dgnlib	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10329	11/23/20	Closed	Medium	Dropping shapes to single elements when preparing to drape the wetland shapes on the terrain causes significant delay and inability to complete draping of wetlands within a single file.	A vba to break shapes by dropping to line strings is introduced to reduce the number of individual elements being draped making the process more efficient. Longer line strings allow display of wetland boundaries without process to create regions. Element templates and levels used for draped feature lines were deleted and feature definitions were edited to reference the boundary element templates for wetland existing, impact, mitigated and temporary impact boundaries.	Enhanced (V4.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\BreakShapes.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\Macro_Help\MDT_Break_Shapes.pdf \WORKSPACE\INTERFACE\MDT_SS4\interface.dgnlib \WORKSPACE\INTERFACE\MDT_SS4\interface_Road.dgnlib \OPENROADS\dgnlib\3MDT_Feature_Definitions_Environmental_Imperial.dgnlib	New New Updated Updated Updated
CU-10328	09/21/20	Closed	Medium	Civil cells for approaches are not developed.	Civil cells for Private, Public, Farm/Field and Approach w/Turnout approach types have been added for production evaluation.	Enhanced (V4.0)	\OPENROADS\dgnlib\Civil_Cells\MDT_STD_Approach.dgnlib	
CU-10327	09/02/20	Closed	Medium	Full cell and noticed that its origin is not in the center of the cell. The origin is correct when plotting the survey control XYZ but not the graphic center. Am I seeing things or am I correct. If you have time could you look at it. Thanks.	Moved all the cell graphics to 0,0 within the cell.	Enhanced (V4.0)	\OPENROADS\cell\SU_Survey.cel	
CU-10326	08/17/20	Closed	Medium	Consultant signature area for consultant title block displays "Consultant Design Engineer" title. No seal exists for Dustin Rouse as the Preconstruction Engineer. Some engineer seal level descriptions have errors or missing information. Active File Settings (Road Tools > File Utilities > Active File Settings) macro "Select Title Seal" drop down Engineer title options don't agree exactly with the signature block titles. Creating a new rural title sheet results in both Damian Krings and James A. Combs seals displaying on. Creating a new urban title sheet results in no signature block level filtering.	"Consultant Design Engineer" title was removed from the consultant signature area. Dustin Rouse's seal was added for Preconstruction Engineer. Engineer seal level descriptions were corrected or added. The drop down engineer title options were edited to agree with the signature block titles. The RDTTL seed file (rural and urban) levels were adjusted to have only Damian Krings seal level on as the current Acting Highways Engineer.	Enhanced (V3.1)	\WORKGROUP\STDREF\RDSHEET.REF \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba \SEED\RD_Plans\RDTTL001.DGN \SEED\RD_Plans\RDTTLURB.DGN \OPENROADS\cell\RD_Sheets.cel	
CU-10325	07/21/20	Closed	Medium	Attach Mapping Macro replaces the RDMAP with the selected file even when the H is missing from the logical, but does not make a copy of the reference (MDT APPS > REF Check).	Revise macro so the file is skipped after giving the desired error message notification.	Enhanced (V4.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Attach_Reference.mvba	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10324	07/21/20	Closed	Medium	CPB Labeler Exit Button not working (Road Tools > Plan Sheets > CPB Labeler).	Revised macro button name to match the program sub name (cmdExitCpbLabeler).	Enhanced (V4.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
CU-10323	07/22/20	Closed	Low	The missile cable feature definition Name Prefix included a typo "EFLL_MISCAB".	The missile cable feature definition Name Prefix was corrected to "EFL_MISCAB".	Enhanced (V4.0)	\OPENROADS\dgnlib\1MDT_Feature_Definitions_Survey_Imperial.dgnlib	
CU-10322	07/17/20	Closed	Medium	Some active or referenced linear elements having the line style set to "ByLevel", display or plot as a solid line or another line style when using an environment that doesn't include the dgnlib with the ByLevel assignment. DGNLIB ByLevel attribute updates only display updated but don't save to the design file.	The MS_LEVEL_AUTO_SYNC_ATTRIBUTE_LIST configuration variable was commented out to allow the ByLevel settings and custom line styles to be manually updated and saved to the design file so the files can be opened and referenced across different workgroup configurations.	Enhanced (V4.0)	\WORKSPACE\CONFIG\MDT_OPENROADS.ucf	
CU-10321	06/17/20	Closed	Medium	Fonts sizes shown in the Text Style attributes are showing decimal places like 48.0001 where the sizes should be simply 12, 24, 48 etc. The font size for "DETAIL" and "SUMMARY" are larger in the seed files when compared to the text styles and other locations where the title text is place. Miscellaneous text styles are duplicated in multiple dgnlib and seed files with varied attributes causing unexpected results when applying them in design files. Seed file setting notes aren't used in production.	DGNLIB for text styles was modified to change the model resolution so the decimal sizes are eliminated. DETAIL and SUMMARY were modified to use reduced font sizes of 48 for the titles; the datafields were removed so regular text remains instead. Text styles were removed from all dgnlib and seed files being restored with correct attributes in only text style dgnlib files. Seed file setting note file was removed from production. R/W and Utility seed file setting notes were removed from README.TXT.	Enhanced (V3.0)	\SEED\RD_Plans\RDDET001.DGN	Updated
							\SEED\RD_Plans\RDERT001.DGN	Updated
							\SEED\RD_Plans\RDSUM001.DGN	Updated
							\SEED\RD_Plans\RDTRVGPS.DGN	Updated
							\SEED\RD_Plans\RDTTL001.DGN	Updated
							\SEED\RD_Plans\RDTTLURB.DGN	Updated
							\SEED\MDT-Seed2D-Imperial.dgn	Updated
							\SEED\MDT-Seed3D-Imperial.dgn	Updated
							\OPENROADS\cell\RD_Notes.cel	Updated
							\OPENROADS\dgnlib\1MDT_Feature_Definitions_Survey_Imperial.dgnlib	Updated
							\OPENROADS\dgnlib\5MDT_Feature_Definitions_LandSurvey_Imperial.dgnlib	Updated
							\OPENROADS\dgnlib\MDT_Feature_Definitions_3D_Geometry_Imperial.dgnlib	Updated
							\OPENROADS\dgnlib\MDT_Feature_Definitions_3D_Templates_Imperial.dgnlib	Updated
							\OPENROADS\dgnlib\MDT_Feature_Definitions_3D_Terrains_Imperial.dgnlib	Updated
							\OPENROADS\dgnlib\MDT_Feature_Definitions_Hydraulics_Imperial.dgnlib	Updated
							\OPENROADS\dgnlib\MDT_Feature_Definitions_Pavement_Markings.dgnlib	Updated
							\OPENROADS\dgnlib\MDT_Text_Styles_Dimensions_3D_Imperial.dgnlib	Updated
							\OPENROADS\dgnlib\MDT_Text_Styles_Dimensions_Imperial.dgnlib	Updated
							\OPENROADS\dgnlib\MDT_Traffic_Electrical.dgnlib	Updated
							\OPENROADS\dgnlib\MDT_Traffic_Geometrics.dgnlib	Updated
							\OPENROADS\dgnlib\MDT_Traffic_Signing.dgnlib	Updated
							\OPENROADS\dgnlib\Terrain_Model_Filters_3D_Imperial.dgnlib	Updated
							\OPENROADS\dgnlib\Linestyles\MDT_Linestyles_Proposed_Geometrics.dgnlib	Updated
							\OPENROADS\dgnlib\Linestyles\MDT_Linestyles_XSPipes_Imperial.dgnlib	Updated
							\OPENROADS\dgnlib\Level_Libraries\MDT_Standards_Checker_Imperial.dgnlib	Updated
							\OPENROADS\dgnlib\SUE\MDT_Subsurface_Features.dgnlib	Updated
							\OPENROADS\dgnlib\SUE\MDT_Utility_Filters.dgnlib	Updated

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
							\OPENROADS\dgnlib\Civil_Cells\T-Intersections.dgnlib	Updated
							\SEED\Seed_File_Settings.txt	Deleted
							\SEED\RW_Plans\README.TXT	Updated
							\SEED\UT_Plans\README.TXT	Updated
CU-10320	06/12/20	Closed	Low	Signing summary sheet levels in ETRAFPL_OR.REF require updates so that bid item language listed in the levels will match the bid items in AASHTOWare Project.	Signing summary sheet bid items were updated on levels E_Bot_SumFrame1Site, E_Bot_SumFrame2Sites, E_Bot_SumFrame3Sites, E_Bot_SumFrame4Sites, E_Mid_SumFrame1Site, E_Mid_SumFrame2Sites, E_Mid_SumFrame3Sites, E_Mid_SumFrame4Sites.	Enhanced (V3.0)	\WORKGROUP\STDREF\ETRAFPL_OR.REF	
CU-10319	06/11/20	Closed	Low	Signing Title sheets need title block adjusted to support docusign signatures	Made the necessary changes to support docusign signatures	Enhanced (V3.0)	\WORKGROUP\STDREF\ETRAFPL_OR.REF \SEED\TR_Plans\######SITTL001.DGN	
CU-10318	06/10/20	Closed	Low	Signing Details, Mount Heights and Sign Designs pdfs require accessibility independent of the enhanced workspace.	Signing Details, Mount Heights and Sign Designs pdfs were relocated to the Tools-Resources folder.	Enhanced (V3.0)	\WORKGROUP\SISTD\MDT_Std\Details \WORKGROUP\SISTD\MDT_Std\MountHeights \WORKGROUP\SISTD\MDT_Std\SignDesigns \WORKGROUP\SISTD\	Moved to Tools-Resources\Signing\ " " Deleted
CU-10317	06/03/20	Closed	Low	The MDT_TR_Signing.pcf file includes an MS_RFDIR directory that doesn't contain files for referencing. The MDT_EL_Electrical.pcf, MDT_TR_Signing.pcf and MDT_Hydraulics.pcf files include MS_RFDIR directories that are no longer in use.	$(MDOHDIR)SEED/TR_Plans/ was removed as an MS_RFDIR directory. $(MDOHDIR)WORKGROUP/SISTD/REF/ and $(MDOHDIR)WORKGROUP/hystd/ref/were removed as an MS_RFDIR directories.	Enhanced (V3.0)	\WORKSPACE\CONFIG\MDT_Hydraulics.pcf \WORKSPACE\CONFIG\MDT_TR_Electrical.pcf \WORKSPACE\CONFIG\MDT_TR_Signing.pcf	
CU-10316	05/29/20	Closed	High	Various existing custom line styles that include text are displaying with enlarged text disproportionate to the line segments if the custom line style is placed in a file for the first time with the drawing scale at anything other than Full Size 1"=1". Various custom line styles were duplicated in the pull down menu under the Road and Road 2018 Projects.	Custom line style Point Symbols and Point Components were recreated in the resource file and imported into the corresponding dgnlibs. Duplicated custom line styles were deleted from dgnlibs where not used.	Enhanced (V3.0)	\OPENROADS\dgnlib\1MDT_Feature_Definitions_Survey_Imperial.dgnlib \OPENROADS\dgnlib\3MDT_Feature_Definitions_Environmental_Imperial.dgnlib \OPENROADS\dgnlib\MDT_Feature_Definitions_3D_Templates_Imperial.dgnlib \OPENROADS\dgnlib\MDT_Feature_Definitions_Road_Imperial.dgnlib \OPENROADS\dgnlib\Linestyles\MDT_Linestyles_XSPipes_Imperial.dgnlib \OPENROADS\dgnlib\Linestyles\Resources\Existing_v2.1.rsc \OPENROADS\dgnlib\Linestyles\Resources\Existing_v2.2.rsc	Updated Updated Updated Updated Updated Deleted New

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10315	05/22/20	Closed	Medium	Unused custom line styles, text styles, fonts, levels, shared cell definitions, dimension styles are present in seed and cell files. RD_XS.cel has ByLevel lines set for a number of levels which writes the custom line style to the file; the file also has level numbers assigned. RD_Notes.cel has custom linestyle in title limit notes. Text Styles with metric labels are present in the RD_Notes.cel file for Bridge TOC and Wetland cells. These cells are referenced in the title seed files so the metric labels are present there also. HYDET001.dgn seed file self reference for small scale has nesting turned on. RDSHEET.REF not in reference slot 1. Active file is not most dominant in sequence. Data field cell for all title border text placed but it should be design block only. Annotation scale toggle lock is turned on. UTOWN001.dgn has a level number for the data field level. Decimal accuracy of seed files is not set to 4 units. Font size on notes sheet was too small and not readable (font size 10).	Unused custom line styles, text styles, fonts, levels, shared cell definitions, dimension styles were removed using compress design file and delete commands. Removed ByLevel settings and level numbers from RD_XS.cel. Removed custom linestyle from RD_Notes.cel title sheet notes. The text styles with metric labels were replaced with appropriate English styles. The cells were updated and carried into the RD title seed files also. HYDET001.dgn live nesting turned off for self referenced attachment. RDSHEET.REF slot changed to slot 1. Sequence updated so active file is last in dialog box. Corrected cell placed for data fields in Designed By block only. Annotation toggle lock has been turned off. Level number of UTOWN001.dgn was removed. Decimal accuracy of seed files was set to 4 units. Font size for notes sheet was adjusted to font 12.	Enhanced (V3.0)	\OPENROADS\cell\RD_Notes.cel \OPENROADS\cell\RD_Typical.cel \OPENROADS\cell\RD_XS.cel \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\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\UT_Plans\UTDET001.DGN \SEED\UT_Plans\UTOWN001.DGN \SEED\UT_Plans\UTPLP001.DGN \SEED\UT_Plans\UTSUM001.DGN \SEED\UT_Plans\UTTRV001.DGN \SEED\UT_Plans\UTTTL001.DGN \SEED\UT_Plans\UTTYP001.DGN \SEED\HY_Plans\HYDET001.DGN	
CU-10314	05/22/20	Closed	Low	Damian Krings will be signing road plans during his appointment as the Highways Engineer and his seal needs to be available for placement in the title file. Errant line was drawn on Title sheet model borders using level for Seal of James Combs at the bottom left corner (below 50000,50000 point). The DF cell named in the cell border information is outdated and the DF should no longer include all the text fields (DF_STDSHT3 & DF_STDSHT) for project information filled by the labeler macro. Project manager form does not format numbers with a comma for 1,000 separators (i.e. traffic data) and allows lower case titles for PE/CE/RW numbers, etc.	A design level with the seal for Damian has been added to the sheet reference file. The road macro for changing the seals was updated to add Damian's seal as an option. The errant line was removed on the level for James Combs' title seal. The DataCell for just "Designed By" blocks (DF_DSNBLK3) was named in place of other cells (except or ERO/ERT models). Revisions to the macro were made to use commas for 1,000 separators and update text case to uppercase after the data is entered.	Enhanced (V3.0)	\WORKGROUP\STDREF\RDSHEET.REF \OPENROADS\cell\RD_Sheets.cel \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10313	05/20/20	Closed	Low	Additional signing cells for Retro-Reflective Panels used on sign supports are needed. Miscellaneous cell updates are required. Spec Sheets don't have a standard cell library to source accurate cells from.	Cells for Retro-Reflective Panels were added to the SI_SIGN.cel library. Cells were updated. SI_SPEC_SHTS.cel was added for use with Spec Sheets.	Enhanced (V3.0)	\OPENROADS\cell\SI_DELINEATION.CEL \OPENROADS\cell\SI_GUIDE.cel \OPENROADS\cell\SI_GuideSIGN.cel \OPENROADS\cell\SI_REGULATORY.cel \OPENROADS\cell\SI_RNDABOUT.cel \OPENROADS\cell\SI_SIGN.cel \OPENROADS\cell\SI_WARNING.cel \OPENROADS\cell\SI_SPEC_SHTS.cel	Updated Updated Updated Updated Updated Updated Updated New
CU-10312	05/19/20	Closed	Medium	Traffic menu items will not display properly if a project specific pcf is used as supported by the consultant workspace due to named expressions evaluating against the pcf name causing Traffic pulldown menu items to display or hide.	Named expression used for pulldown menu show/hide test was edited for evaluation against the pcf name allowing "Electrical", "Geometrics", or "Signing" to be anywhere in the pcf name.	Enhanced (V3.0)	\WORKSPACE\INTERFACE\MDT_SS4\interface_Traffic.dgnlib	
CU-10311	05/18/20	Closed	Low	Macro errors because the cell for Geopak Plan labeling is used in some DI map files.	Exclude "GPKLBL" from the search criteria when scanning for cells.	Enhanced (V3.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\Convert_DIMAP.mvba	
CU-10310	05/18/20	Closed	Low	Ref Checker errors off on HYHSU and BRMAP file class types.	Add HYHSU Hydraulics Survey File and BRMAP Bridge Map File to the excel file class data base	Enhanced (V3.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_File_Info.csv	
CU-10309	05/18/20	Closed	Low	When running the macro to attach GPK plan sheets, the macro causes an error if there are files in the DGN directory with filename lengths of less than 7 characters. Macro fails to detach non-standard files if attached when the sheet clips are cut into the DGN files and will not display form to request user input. Data field cell sometimes get placed too small and remains selected at end of run.	Cause the macro to skip files with names of less than 7 characters due to a failure of the parsing function to complete for these files; files with less than 7 places are not expected for normal workflow and categorically will be excluded from use with this macro. Cause the macro to skip files unless the file type is a .dgn file which will speed up the processing also. The REFCHECK userform for non-standard attachment information was copied into this macro. Change macro code so True Scale is always on when placing the data cell and the selection is cleared when the macro finishes.	Enhanced (V3.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_PlanSheets_GPK.mvba	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10308	05/19/20	Closed	Low	When attaching a reference file using the Attach Reference macro, the available file dialog populates with numerous file types not compatible with attaching, i.e. not a DGN file or other historical file extension and not a strip-map type file. When running attach mapping files from within a PLP sheet and selecting an EFF file, it comes up with a message that says the EFF is not a valid class. Help button not working on Reference Attach form. Ref Check changes referenced asbuilt files in the AB folder to whatever workgroup is in the filename. Reference file does not attach in DET/PLP/PLN even though I select a valid reference file to attach. Reference form will show short name files but causes error when trying to attach. Ref Check will cause error if short name file was attached by manual process prior to checking. Plan sheet text macro changes text style and uses text style color.	Cause the macro coding to search for file types based on the extension, or only the portion after the "." which is expected to be 4 places from the end of file name. Revise sorting so only strip-map type file classes in the available list. Revise file class list so EFF is an option to attach. Update information so the help file opens when the button is clicked. Revise the Ref Check to add "MTAB:" or "MTAB+UPN:" in front of the reference file if "AB" is the final character string of the the DGN file name. Caused by lack of "H" in the logical name. Add a routine to check to logical names to see if the logical includes "_H" in the name when attaching a new reference or running REF CHECK (only in PLN or PLP sheets). Revise macro so message boxes and user forms appear to fix these scenarios. Revise public parsing function so short names will not attempt to parse. Changed coding to use text style "none".	Enhanced (V3.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Attach_Reference.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_Public_Functions.mvba	
CU-10307	05/19/20	Closed	Low	XS Sheet labeler places multiple instances of text for "Designed by" date when no name is filled for "Reviewed by" and "Checked by". Form will not show if changing to another XSLAY sheet and choosing to run the macro. Fill attribute for XSLay sheet is not turned on but it is a standard to have fill turned on for the sheets when printing. Purpose of the "Fix for OpenRoads Plotting" checkbox not clear and lacks documentation in the help file. It is usually not desired to plot the earthwork shapes but the levels are configured as a plotting levels. XS page numbers place extras when initial page # not 1. XS LABELING macro logical check says "Logicals Incorrect" when the self referenced file for sheet boundary does not have a logical in front of it.	Add several "End If" statements when checking if the "Reviewed by" and "Checked by" name entries are used or blank. When closing XS Sheet Labeling form, program the "END" function to clear all matrix data stored by the function so the form will read data from the next sheet when it is initiated again. Turn the fill attribute on for the seed file. Add function to the XS Sheet Labeling macro to turn fill on when turning data fields off. Remove the "Fix for OpenRoads Plotting" checkbox. Change printing attributes of Earthwork Shape levels to non-plotting. Update form so pages do not need to start at 1. Revise macro to skip reference if the reference model name is "Sheet Clip Boundary". Macro will no longer add a logical in front of the file name if model is "Sheet Clip Boundary".	Enhanced (V3.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba \SEED\RD_Plans\RDLAY001.DGN \OPENROADS\dgnlib\4MDT_Element_Templates_RD_Imperial.dgnlib \OPENROADS\dgnlib\MDT_Feature_Definitions_3D_CrossSections_Imperial.dgnlib	
CU-10306	05/08/20	Closed	Medium	Two unused custom line styles are present in RDSHEET.REF - Continuous and E_DRAINAGE_CULVERT.	Custom line styles Continuous and E_DRAINAGE_CULVERT were removed from RDSHEET.REF by compressing the file. Continuous is loaded from the Materials_Imperial.dgnlib and E_DRAINAGE_CULVERT is loaded from 1MDT_Feature_Definitions_Survey_Imperial.dgnlib. RD_Sheets.cel was syncronized with RDSHEET.REF after reference updates.	Enhanced (V3.0)	\WORKGROUP\STDREF\RDSHEET.REF \OPENROADS\cell\RD_Sheets.cel	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10305	04/30/20	Closed	Medium	3D cells are required to model drainage.	3D cells were developed.	Enhanced (V3.0)	\OpenRoads\cell\MDT_Hydraulics_2D.cel \OpenRoads\cell\MDT_Hydraulics_3D.cel \OpenRoads\dgnlib\SUE\MDT_Subsurface_Features.dgnlib	New New New
CU-10304	05/04/20	Closed	Low	Signing plans print with Plotter Limit Shape.	S_ALL_Plotter Limits Shape and Sht_Plotter_Limits_Shape level plot properties were turned off.	Enhanced (V3.0)	\SEED\TR_Plans\TRPLN.DGN \WORKGROUP\STDREF\ETRAFPL_OR.REF \WORKGROUP\STDREF\LEGACY\SISTD\ETRAFPL_OR.DGN	
CU-10303	04/30/20	Closed	Low	MS_USERPREF configuration variables were edited to detect product and workspace for application usage of upf files unique to each with CU-10271. The config variables check for an installed workspace configuration variable and could be improved to rather use _ENGINENAME.	MS_USERPREF configuration variables were edited to detect product using _ENGINENAME for application usage of upf files.	Enhanced (V3.0)	\site.cfg	
CU-10302	04/20/20	Closed	Low	All Title sheets need title block adjusted to support docusign signatures	Made the necessary changes to support docusign signatures	Enhanced (V3.0)	\WORKGROUP\STDREF\RDSHEET.REF	
CU-10301	04/14/20	Closed	Low	As reported, some district survey does not follow standard requirements for the IFT file format and used the elevations columns to provide elevation control notes; due to this the "Import Survey Control" macro has an error when loading Z values to visualize the points. Point displayed in the Control Traverse Abstract form when initiating point visualization is displayed twice. Duplicate COGO Input file does not create due to coding error and does not allow customized path and does not check extension. Maximum table height is not being checked against maximum value and allows blank value and causes drawing error when blank. Cell scale input allows blank value and causes drawing error when blank.	Add coding to use elevation of 0 for 3D point visualization when the IFT file has non-numeric information in the elevation but use the Z-value for 3D point visualization when stored as a number. Rearranged code to prevent duplicate point placement and, when complete, return the Control Traverse Abstract form point to the point displayed when initiating point visualization. Revise COGO file naming code to check file name and allow customized path. Revise code to check maximum table height. Revise code to disable respective execute buttons when the table height, cell scale, or COGO filename is blank.	Enhanced (V3.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Traverse.mvba	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10300	04/09/20	Closed	Low	Control Traverse Abstract repeats description for the first point when loading an IFT/DES file set a second time in the same session.	Added program language to clear the data when selecting a different description file.	Enhanced (V3.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Traverse.mvba	
CU-10299	04/03/20	Closed	Low	Message box for Place Table user prompt was keyed in with spelling error.	Fixed spelling and made minor updates for other dialog box settings.	Enhanced (V3.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Traverse.mvba	
CU-10298	03/30/20	Closed	Low	2D seed file has view attributes set with fill turned off which leads to default Geopak sheet creation with fill turned off.	View attribute was set to turn fill on for the 2D seed file.	Enhanced (V3.0)	\SEED\MDT-Seed2D-Imperial.dgn	
CU-10297	03/30/20	Closed	Low	Pavement marking linestyle resource file name erroneously includes a space.	Pavement marking linestyle resource file name was edited to eliminate the erroneous space.	Enhanced (V3.0)	\OPENROADS\dgnlib\Linestyles\Resources\MDT_Imperial_Pavement_Markings.rsc	Renamed
CU-10296	03/26/20	Closed	Low	Snap mode is being set and follows individual DGN files instead of following a user preference.	Set config variable for MS_SNAPMODE_SOURCE so snap mode is consistently set as a user preference.	Enhanced (V3.0)	\site.cfg	
CU-10295	03/13/20	Closed	Medium	The dual unit detailed drawings require updates for access to the newest drawings.	The dual unit detailed drawings were updated with the January 2020 drawings.	Enhanced (V2.0)	\WORKGROUP\STDDET\DUAL**All Files**	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10294	03/12/20	Closed	Medium	Traverse macro when placing the frame uses greyscale colors when traverse points exceed 31.	Change the macro color counter to reset after 16 colors have been used.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Traverse.mvba	
CU-10293	03/12/20	Closed	Medium	Typical section macro does not compute Tack and Fog Seal per Design memo.	Enhanced the typical section macro to support Tack & Fog Seal	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Typical.mvba \WORKSPACE\PROGRAMS\VBA\typicals\TYPICAL1.txt \openroads\cell\RD_Typical.cel	
CU-10292	03/12/20	Closed	Medium	Some Bridge standard drawing reference files aren't displaying the sheet border when attached to project files.	MTBRSTD: prefix was added to sheet border standard reference file attached to the standard drawing reference files for those that weren't displaying.	Enhanced (V2.0)	\WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\MT28022615.ST \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\OR42_091719.S \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\OR42- \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\OR42- \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\SL6031517.STD \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\SLT092518.STD \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\SS36092718.ST \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\SS36R092718.S \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\SS42062719.ST \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\SS42R062719.S	
CU-10291	03/06/20	Closed	Medium	MDT-Seed2D-Imperial.dgn has custom linestyles saved in it. P_Grading_Geotextile and P_Drainage_Culvert custom line styles weren't included in Proposed_v2.1.rsc.	Custom line styles were deleted from MDT-Seed2D-Imperial.dgn. P_Grading_Geotextile and P_Drainage_Culvert custom line styles were added to Proposed_v2.2.rsc.	Enhanced (V2.0)	\SEED\MDT-Seed2D-Imperial.dgn \OPENROADS\dgnlib\Linestyles\Resources\Proposed_v2.1.rsc \OPENROADS\dgnlib\Linestyles\Resources\Proposed_v2.2.rsc	Updated Deleted New
CU-10290	03/04/20	Closed	Low	GEOMET.MNU function key menu no longer serves a use in production.	GEOMET.MNU was deleted.	Enhanced (V2.0)	\WORKSPACE\FUNCTION_KEYS\GEOMET.MNU	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10290	03/02/20	Closed	High	3d Hydraulics cells for use with SUE	Migrated the 2d & 3d cell libraries from test to PRD per hydrulics recs.	Enhanced (V2.0)	\OPENROADS\cell\MDT_Hydraulics_2D.cel \OPENROADS\cell\MDT_Hydraulics_3D.cel	
CU-10289	03/02/20	Closed	High	The "Electrical" cell library requires update for LRFD Traffic Signal Standard.	The "Electrical" cell library was updated.	Enhanced (V2.0)	\OPENROADS\cell\EL_Map.cel	
CU-10288	02/27/20	Closed	Low	Half size color plotting results in some dimension lines plotting in color (text and dimensions are intended to plot black only). Color plot drivers weren't using a single color pen table.	Pen table was edited to add dimension class output color as 0 in addition to dimension type output color as 0. Half size color pdf plotter config files were updated to use the hlfcolor.tbl pen table instead of the color.tbl pen table since the half color eps plotter config files all use the hlfcolor.tbl pen table making this more consistent.	Enhanced (V2.0)	\WORKSPACE\PLOTTING\HLFCOLOR.tbl \Workspace\Plotting\HLFCOLOR.tbl \Workspace\Plotting\EnglishHlfClrPdf.plt \Workspace\Plotting\MetricHlfClrPdf.plt \Workspace\Plotting\XsecGpkHClrPdf.plt \Workspace\Plotting\XsMetGpHClrPdf.plt	
CU-10287	02/26/20	Closed	Low	Requested enhancements for importing survey culverts into xs	Several minor bugs and enhancements have been fixed and added.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Existing_Drainage.mvba	
CU-10286	02/24/20	Closed	Low	Configuration variable required to point the wms servers from a SITE level instead of user or project level.	Inserted configuration variable in SITE.cfg.	Enhanced (V2.0)	\SITE.CFG \WORKSPACE\CONFIG\MDT_OPENROADS.ucf	
CU-10285	02/21/20	Closed	Low	The wetlands riparian wms attachment (accessible through the MDT Apps>MDT Maps macro) was only displaying a portion of the map that was available through the wms service (southwest portion of the state).	The wetlands riparian wms file Map Range Limits setting was adjusted to not use the Layer Ranges as a limit.	Enhanced (V2.0)	\WORKGROUP\STDREF\MT_Raster\MSDI_WetlandsRiparian.xwms	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10284	02/21/20	Closed	Low	Bridge standard drawing requires update.	Bridge standard drawing was updated.	Enhanced (V2.0)	\WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\BRSTDPSD.DGN \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\PSD101019.STD	
CU-10283	02/20/20	Closed	Low	WmsServerList_MDT.xml includes miscellaneous default servers not in use at MDT. The Transportation model in MDT_Raster_Image_Basemap.dgn isn't diplaying the wms image in the correct location.	WmsServerList_MDT.xml was updated to remove all bookmarked wms servers. The geographic coordinate system was defined for the Transportation model in MDT_Raster_Image_Basemap.dgn.	Enhanced (V2.0)	\OPENROADS\Resources\WmsServerList_MDT.xml \OpenRoads\WORKGROUP\STDREF\MT_Raster\MDT_Raster_Image_Basemap.dgn	
CU-10282	02/11/20	Closed	Low	XIN File Settings are the default setting provided by bentley.	Changes some labeling preferences to support an easier workflow when labeling xs	Enhanced (V2.0)	\OpenRoads\OPENROADS\data\MDT_XS_PREF_2018.xin	
CU-10281	02/11/20	Closed	Low	It seems like the XIN file created by the Create GPK Project macro contains out of date earthwork settings. My understanding is that the macro uses MDT_XS_PREF.xin and if you want MDT_XS_PREF_2018.xin you have to create it manually. Is this correct? Can the macro be updated now to use the road 2018 file?	Fixed the macro to use the correct XIN file based on the users project they are using	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
CU-10280	02/11/20	Closed	Low	GuideSIGN documentation posted at new location. GuideSIGN links from Traffic pulldown require updates.	GuideSIGN links from Traffic pulldown updated.	Enhanced (V2.0)	\WORKSPACE\INTERFACE\MDT_SS4\interface_Traffic.dgnlib	
CU-10279	02/07/20	Closed	Low	Signing GuideSIGN folders require accessibility independent of the enhanced workspace.	Signing GuideSIGN was relocated to the common folder.	Enhanced (V2.0)	\WORKGROUP\SISTD\GuideSIGN	Moved to \Common\GuideSIGN

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10278	02/07/20	Closed	Low	Traffic Signing Details.dgn isn't needed to satisfy workflow needs and is no longer maintained.	Traffic Signing Details.dgn has be deleted.	Enhanced (V2.0)	\WORKGROUP\SISTD\DETAILS\DETAILS.DGN	Deleted
CU-10277	02/07/20	Closed	Low	With CU-10167, Signing standard reference files were replaced with files in the \Workgroup\STDREF location (ETRAFPL_OR.REF and aGS_SNDGNCALC.REF) having a .ref extension. Old Signing standard reference files are still located in the SISTD workgroup folder.	Old Signing standard reference files were relocated to the STDREF legacy SISTD workgroup folder.	Enhanced (V2.0)	\WORKGROUP\SISTD\GS_SNDGNCALC_REF.DGN \WORKGROUP\SISTD\ETRAFPL_OR.DGN	Moved to \Workgroup \STDREF\LEGACY\SISTD
CU-10276	02/06/20	Closed	Low	WmsServerList.xml isn't needed in production. Backup.smd and backup.ddb files aren't needed in production.	WmsServerList.xml was deleted. Backup.smd and backup.ddb files were deleted.	Enhanced (V2.0)	\data \data\WmsServerList.xml \OPENROADS\data\feature_definitions\backup.smd \OPENROADS\data\feature_definitions\backup.ddb	Deleted Deleted Deleted Deleted
CU-10275	02/06/20	Closed	High	Typical section stations/notes are not spaced in a usable manner due to overlap and need to be spaced better. R-value note should not be shown per a 9/26/19 memo. Surfacing lift thickness decimal numbers do not always show as a three digit (whole number plus two decimal places).	Updated cell for better spacing. Added helpful notes to add efficiency for designer use. Revised the cell library so the R-value note cannot be placed as a cell and comment out code in macro to stop placement. Enhanced the macro so surfacing thicknesses always show the whole number plus two decimal places.	Enhanced (V2.0)	\OPENROADS\cell\RD_Typical.cel \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Typical.mvba \WORKSPACE\PROGRAMS\VBA\TYPICALS\TYPICAL1.txt \WORKSPACE\PROGRAMS\VBA\TYPICALS\TYPICAL2.txt \WORKSPACE\PROGRAMS\VBA\TYPICALS\TYPICAL3.txt	
CU-10274	02/04/20	Closed	High	Signing cell library files include some legacy content.	Signing cell libraries were updated with correct enhanced workspace cell content.	Enhanced (V2.0)	\OPENROADS\cell\SI_BIKE_PED_SCHOOL.cel \OPENROADS\cell\SI_CONSTRUCTION.cel \OPENROADS\cell\SI_GUIDE.cel \OPENROADS\cell\SI_REGULATORY.cel \OPENROADS\cell\SI_RNDABOUT.cel \OPENROADS\cell\SI_SIGN.cel \OPENROADS\cell\SI_WARNING.cel	
CU-10273	02/03/20	Closed	High	Guy Anchor Point For Survey	Added Guy Anchor point cell back to librarys so it can be labeled on XS	Enhanced (V2.0)	\OPENROADS\cell\RD_XS.cel \OPENROADS\cell\SU_Survey.cel \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Existing_Survey.mvba	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10272	01/31/20	Closed	High	PCF comment typo.	PCF file typo was corrected - "prefence".	Enhanced (V2.0)	\OpenRoads\WORKSPACE\CONFIG\MDT_TR_Signing.pcf	
CU-10271	01/31/20	Closed	High	Upgrade to MicroStation SS10 and Power Geopak SS10 will require new and separate upf files for the different products.	MS_USERPREF configuration variables were edited to detect product and workspace for application usage of upf files unique to each.	Enhanced (V2.0)	\OpenRoads\SITE.CFG \OpenRoads\WORKSPACE\CONFIG\MDT_OPENROADS.ucf \OpenRoads\WORKSPACE\CONFIG\MDT_Plotting.ucf \OpenRoads\WORKSPACE\CONFIG\MDT_SUE.ucf \OpenRoads\WORKSPACE\CONFIG\Admin.ucf	
CU-10270	01/30/20	Closed	High	When cutting cross sections with SS10, annotation cell flags for linear features are placing on level default.	The reason for this is unknown, but resolves if the annotation cells are grouped. Cross section annotation cells for linear features were grouped.	Enhanced (V2.0)	\OPENROADS\cell\RD_XS.cel	
CU-10269	01/15/20	Closed	High	Font remap vba throws error when selecting ok after processing	The argument for closing a userform was missing variables. The argument has been fixed and an additional exit button was added to close both forms used by the vba	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\FontRemap.mvba	
CU-10268	01/15/20	Closed	High	Electrical detail drawing for Cantilever Structure Advance Warning Beacon and the LRFD Signal Standard require updates.	Electrical detail drawings have been updated for Cantilever Structure Advance Warning Beacon and the LRFD Signal Standard.	Enhanced (V2.0)	\WORKGROUP\ELSTD\REF\TR_EL_DETAILDRAWINGS.DGN	
CU-10267	01/13/20	Closed	Medium	Standard Road Design saved views are populating from the interface.dgnlib.	RDPLP-1, RDPLP-2, RDPLP-3, RDTTL-1 and RDTTL-2 saved views were deleted from interface.dgnlib.	Enhanced (V2.0)	\WORKSPACE\INTERFACE\MDT_SS4\interface.dgnlib	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10266	01/09/20	Closed	Medium	DMS Links must be updated to direct at the new DMS production URL.	Updated links.	Enhanced (V2.0)	\WORKSPACE\INTERFACE\MDT_SS4\interface.dgnlib	
CU-10265	01/03/20	Closed	Medium	MSU cell library isn't needed in production.	MSU_CADD.cel file was deleted and config files were updated to support removal.	Enhanced (V2.0)	\OpenRoads\OPENROADS\cell\MSU_CADD.cel \WORKSPACE\CONFIG\MDT_MSU.pcf	Deleted Updated
CU-10264	01/02/20	Closed	Medium	Custom linestyles with text had mixed fonts. Legacy resource files not needed in production.	Custom linestyles were edited to consistently use non-Engineering font (Font 15). Legacy resource files deleted.	Enhanced (V2.0)	\OPENROADS\dgnlib\Linestyles\Legacy \OPENROADS\dgnlib\3MDT_Feature_Definitions_Environmental_Imperial.dgnlib	Deleted Updated
CU-10263	01/02/20	Closed	Medium	Partial clipping of text is not consistent between resource/dgnlib files. Existing_v2.0.rsc contains irregular style differences from …\dgnlib\Linestyles\Resources\2019_Custom_Resources\Existing_Survey.rsc.	Update linestyles to turn off "Clip Partial" when text based elements are part of the styles. Delete Existing_v2.0.rsc and move/rename Existing_Survey.rsc to Existing_v2.1.rsc in the Resources directory.	Enhanced (V2.0)	\OPENROADS\dgnlib\Linestyles\Resources\Existing_v2.0.rsc \OPENROADS\dgnlib\Linestyles\Resources\Existing_v2.1.rsc \OPENROADS\dgnlib\Linestyles\Resources\Proposed_v2.1.rsc \OPENROADS\dgnlib\1MDT_Feature_Definitions_Survey_Imperial.dgnlib \OPENROADS\dgnlib\Linestyles\Resources\2019_Custom_Resources \OPENROADS\dgnlib\MDT_Feature_Definitions_3D_Geometry_Imperial.dgnlib \OPENROADS\dgnlib\Linestyles\Resources\2019_Custom_Resources\Existing_Survey.rsc \OPENROADS\dgnlib\MDT_Feature_Definitions_Road_Imperial.dgnlib \OPENROADS\dgnlib\Linestyles\Resources\2019_Custom_Resources\ MDT_ Imperial_Pavement_Markings.rsc	Deleted New Updated Updated Deleted Updated Deleted Updated Relocated to \OPENROADS\ dgnlib\Linestyles\
CU-10262	12/31/19	Closed	Medium	Custom linestyles with text had mixed fonts.	Custom linestyles were edited to consistently use non-Engineering font (Font 15).	Enhanced (V2.0)	\OPENROADS\dgnlib\1MDT_Feature_Definitions_Survey_Imperial.dgnlib	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10261	12/23/19	Closed	Medium	Custom linestyles for the design clear zone and oil utility is required.	Custom linestyle P_DESIGN_CLEARZONE was added in the MDT_Feature_Definitions_3D_Geometry_Imperial.dgnlib file and associated RSC file for future updates. New level DL_EC Clearzone added to draw linestyle. Custom linestyle E_UTILITY_OIL was added in 1MDT_Feature_Definitions_Survey_Imperial.dgnlib with new level E_Utility_Misc_Pipeline.	Enhanced (V2.0)	\OPENROADS\dgnlib\MDT_Feature_Definitions_3D_Geometry_Imperial.dgnlib \OPENROADS\dgnlib\Linestyles\Resources\Proposed_v2.1.rsc \OPENROADS\dgnlib\Linestyles\Resources\Proposed_v2.0.rsc \OPENROADS\dgnlib\1MDT_Feature_Definitions_Survey_Imperial.dgnlib	Updated New Deleted Updated
CU-10260	12/16/19	Closed	Medium	When creating Erosion and Fencing plans, the reference clip bounds are wrong if the reference clip boundary method was set to 'Element'.	Code was added to set the reference clip boundary method to 'Fence'.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
CU-10259	12/13/19	Closed	Medium	TC_AGG_Bedding Linecode is Dashed and should be solid	Changed the linestyle to solid	Enhanced (V2.0)	\openroads\dgnlib\MDT_Feature_Definitions_3D_Templates_Imperial.dgnlib	
CU-10258	12/13/19	Closed	Low	MDT APPS pulldown menu includes items that are only applicable to MDT (CADDHELP, Docuplot, DMS and Asbuilt). Some PCF header descriptions do not match the file name. MDT_Openroads.ucfOLD is not used in production.	Modified interface.dgnlib file to show/hide according to a defined configuration variable and named expression variable. Added the configuration variable to necessary configuration locations. Modify PCF header descriptions to match file name. UCF file not used in production was deleted.	Enhanced (V2.0)	\WORKSPACE\INTERFACE\MDT_SS4\interface.dgnlib \OpenRoads\SITE.CFG \WORKSPACE\CONFIG\MDT_Survey_English.PCF \WORKSPACE\CONFIG\MDT_SUE.PCF \WORKSPACE\CONFIG\MDT_Safety_Managment.PCF \WORKSPACE\CONFIG\MDT_RightOfWay.PCF \WORKSPACE\CONFIG\MDT_Land_Survey.PCF \WORKSPACE\CONFIG\MDT_Photogrammetry.PCF \WORKSPACE\CONFIG\MDT_Hydraulics.PCF \WORKSPACE\CONFIG\MDT_Geotech.PCF \WORKSPACE\CONFIG\MDT_Bridge.PCF \WORKSPACE\CONFIG\MDT_Visualization.PCF \WORKSPACE\CONFIG\MDT_TR_Signing.PCF \WORKSPACE\CONFIG\MDT_TR_Safety.PCF \WORKSPACE\CONFIG\MDT_TR_Electrical.PCF \WORKSPACE\CONFIG\MDT_Road.PCF \WORKSPACE\CONFIG\MDT_MSU.PCF \WORKSPACE\CONFIG\MDT_Environmental.PCF \WORKSPACE\CONFIG\MDT_Road_2018.PCF \WORKSPACE\CONFIG\MDT_TR_Safety_2018.PCF \WORKSPACE\CONFIG\MDT_TR_Geometrics.PCF \WORKSPACE\CONFIG\Admin.ucf \WORKSPACE\CONFIG\MDT_OPENROADS.UCF \WORKSPACE\CONFIG\MDT_OPENROADS.UCFold	Deleted

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10257	12/13/19	Closed	Low	VBA files were edited to function in the consultant workspace.	Edited VBA files were adopted into the internal workspace.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\AutoRunITL_MDT.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\Check_Workspace_WorkingUnits.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\Convert_DIMAP.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\FontRemap.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_ASBUILT.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_AttachRaster.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_Public_Functions.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_SmartObjects.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\SetProjectITLLib_MDT.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Archive_GEOPM.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Attach_Reference.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Downloads.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Excel_Quantities.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Existing_Drainage.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Existing_Survey.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Traverse.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\V8i_PlanSheets_DesignBlock.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_PlanSheets_GPK.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_RWLABELER.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_TYPICAL.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_XS_Labler.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_XS_LayoutNavigator.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_XS_Movie.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_XS_PlaceSheetClips.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\ViewSet.mvba	
CU-10256	12/13/19	Closed	Low	Using macros results in an error: Can't find MDT User Prefs path.	VBA files were edited to look for 'PREF' rather than 'PREFS'.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_XS_LayoutNavigator.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_XS_Labler.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_TYPICAL.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_PlanSheets_GPK.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\V8i_PlanSheets_DesignBlock.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Traverse.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Existing_Survey.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Existing_Drainage.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Excel_Quantities.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Downloads.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Attach_Reference.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Archive_GEOPM.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDTTRAFFIC_Enhanced.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_Public_Functions.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\Check_Workspace_WorkingUnits.mvba	
CU-10255	12/13/19	Closed	Low	Files are not created in / opened from desired file path (dirDGN). Order of DGN file path search does not capture desired location. VBA reference to Public Functions is coming from CaddTestOR.	Updated GetMDTDGNPath variable to seek _MDT_DGN first instead of DGNS and make code changes where necessary to produce desired results. VBA updated to reference Public Functions file from current environment variable.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\Convert_DIMAP.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_Public_Functions.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\SetProjectITLLib_MDT.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Archive_GEOPM.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Downloads.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Existing_Survey.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Traverse.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\V8i_PlanSheets_DesignBlock.mvba	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_PlanSheets_GPK.mvba	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_RWLABELER.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_TYPICAL.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_XS_Labler.MVBA	
							\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_XS_LayoutNavigator.mvba,	
CU-10254	12/13/19	Closed	Low	The message boxes for saving and exiting the project info form are repetitive and cause nuisance.	Revise the form save and exit buttons to simplify the messages leaving two buttons - 'Help' and 'Save & Exit'.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
CU-10253	12/13/19	Closed	Low	In reviewing changes made for consultant workspace, no changes were identified but extraneous functions were cleaned up.	Checked through macro, found no changes. Cleaned up functions recorded when saving the macro by removing Macro2ModalHandler class information. Added comment ' to all file parse sub commands.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\FontRemap.mvba	
CU-10252	12/13/19	Closed	Low	MDT_AttachRaster has file path substitutions built into the direct module.	Modified code to process file path substitutions from modVariableDefinitions.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_AttachRaster.mvba	
CU-10251	12/13/19	Closed	Low	Common modVariableDefinitions scattered throughout MDT_Public_Functions file and not combined to be consistent with other macros. SetProjectITLLib_MDT.mvba file name contains repetitive abbreviation of "Library" where IT"L" and "Lib" both mean "library". Description of MDT_SmartObjects.mvba says "Survey" in VBA Project Manager and would be more consistent as "MDT_SmartObjects".	Condensed the definitions and added the separated module. Changed filename of ITL vba and changed call from AutoRunITL_MDT with edits to MDT_Project_Settings_3D_Imperial.dgnlib to support renamed macro. Changed project description of MDT_SmartObjects.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\SetProjectITLLib_MDT.mvba

\WORKSPACE\PROGRAMS\VBA\OPENROADS\AutoRunITL_MDT.mvba
\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_SmartObjects.mvba
\OPENROADS\dgnlib\MDT_Project_Settings_3D_Imperial.dgnlib | Renamed SetProjectITL_MDT.mvba Updated Updated Updated |
| CU-10250 | 12/13/19 | Closed | Low | AutoRunITL_MDT has a macro recorded in the modules which is irrelevant non-sense, Macro1 within modStart. The modStart module contains sample code. | Move Macro1 to generic Module 1 and comment out the macro process until further revision when the commented lines of Macro1 and/or the generic module might be removed. Sample code of modStart was moved to modSample. | Enhanced (V2.0) | \WORKSPACE\PROGRAMS\VBA\OPENROADS\AutoRunITL_MDT.mvba | |

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10249	12/13/19	Closed	Low	Selecting Road Tools>File Utilities>Create DGNs, then the Project Info button creates a DAT file for RD only, irrelevant of the Work Group drop down selection.	Revised coding to create DAT file based on the alternate input and added additional upgrades to the return message options.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
CU-10248	12/13/19	Closed	Low	Multiple versions of the Project Manager DAT file get loaded depending on what the active file name, where the form is called from (another macro form or from the tool bar).	Revise macro code to call single startup method for the Project Manager form and modify text box display attributes.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba \WORKSPACE\INTERFACE\MDT_SS4\interface.dgnlib	
CU-10247	12/13/19	Closed	Low	MDT_Public_Functions has file path substitutions built into the DocuPlot module.	Modify code to process file path substitutions from modVariableDefinitions per conversation with Amanda to create consistency.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_Public_Functions.MVBA	
CU-10246	12/13/19	Closed	Low	When attempting to make Fencing/Erosion plans with the HY workgroup selected in the dropdown, there is no sheet border reference attached to the DGN file after completion.	Remove HY from dropdown when the form tab is changed to the Fencing/Erosion control plans tab. There is no intent to create these plans for the HY workgroup. A message box was created to work if HY is added back into he drop down.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
CU-10245	12/13/19	Closed	Low	When attempting to make Fencing/Erosion plans with the SA workgroup selected in the dropdown, there is no sheet border reference attached to the DGN file after completion.	Revise the sheet information in the Sheet_Info.csv file so RDSHEET.REF is paired correctly with fencing and erosion control jobs for the SA workgroup.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_Sheet_Info.CSV	
CU-10244	12/13/19	Closed	Low	In the v8i_XS_Movie I get a Microsoft Visual Basic error message "Compile error - Sub or Function not defined" when clicking the Help button.	Added modVariableDefinitions coding so GetMDTPath(, DirGeneralDocuments) returns a valid file path.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_XS_Movie.mvba	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10243	12/13/19	Closed	Low	ReadMe files are outdated in the Geopak and OpenRoads directories.	Revise files to contain current ReadMe descriptions.	Enhanced (V2.0)	\readme.txt	
CU-10242	12/13/19	Closed	Low	Civil_Custom_Linestyles_Example.rsc is not a used file and serves as a sample	File was deleted.	Enhanced (V2.0)	\OPENROADS\dgnlib\Linestyles\Resources\Civil_Custom_Linestyles_Example.rsc	Deleted
CU-10241	12/13/19	Closed	Low	VBA files not used for production.	VBA files deleted	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\MDTAttachRasterManager.mvba \WORKSPACE\PROGRAMS\VBA\TYPICALS\MDTTYPICAL_beforecurbredo.mvba	Deleted Deleted
CU-10240	12/13/19	Closed	Low	The plotting folder contains a TO-CADDTEST folder and an outdated plot testing file.	TO-CADDTEST folder and plot testing files were deleted.	Enhanced (V2.0)	\WORKSPACE\PLOTTING\TO-CADDTEST**All Files** \WORKSPACE\PLOTTING\TESTPLOT.DGN	Deleted Deleted
CU-10239	12/13/19	Closed	Low	Kill Task and Delete Geopak Resource File batch files aren't workspace files and these processes are carried out through the Preconstruction Startup menu.	Batch files were relocated.	Enhanced (V2.0)	\KILLTASK.BAT \DELGPKRSC.BAT \readme.txt	Relocated to Tools-Resources\General Updated
CU-10238	12/13/19	Closed	Low	When running the macro to fix references, the location for creating log files is not defined fully and occasionally errors with a "cannot open file path" due to an incomplete file path.	dirDGN was called in the path name for aFileNameLog but dirDGN was not defined. After defining dirDGN, the path is completed. #1 and #5 file references were also replaced by #fp = FreeFile.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Attach_Reference.mvba	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10237	12/13/19	Closed	Low	When running "MDT APPS > Ref Check", the macro fails to load when checking a reference with unknown properties, i.e. "MyFile.dgn" is attached and causes the macro to error and the input box to fix does not load.	Revise the macro so the reference code within frmRefFileCheck uses form defined path of Fdatabase through use of the environment variables.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Attach_Reference.mvba	
CU-10236	12/13/19	Closed	Low	Docuplot was relocated to a common directory requiring vba updates.	Updates were made to affected vba file. IconicZipLib folder, supporting Archive Geopak Project macro, that was previously stored with Docuplot files was relocated and vba updated to use new location. Macro edits to list box selection were made so users can't select multiple files leading one to believe file selection has an effect along with increased text box height to replace scrolling.	Enhanced (V2.0)	\workspace\programs\vba\OPENROADS\MDT_Public_Functions.MVBA \WORKSPACE\ETC\IconicZipLib \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Archive_GEOPM.MVBA	Relocated to \WORKSPACE\ PROGRAMS\VBA\ OPENROADS\ ... Updated
CU-10235	12/13/19	Closed	Low	Check_Workspace_WorkingUnits.mvba promts user to attach OpenRoads_Readme model when MDT Apps > OR Checker macro is opening files to attach OpenRoads_Readme model.	OR Checker was removed from the MDT Apps pull down menu since users are no longer transitioning projects to the OpenRoads (Enhanced) workspace and the auto-loaded Check_Workspace_WorkingUnits.mvba is attaching the OpenRoads_Readme model.	Enhanced (V2.0)	\WORKSPACE\INTERFACE\MDT_SS4\interface.dgnlib	
CU-10234	12/13/19	Closed	Low	MDT APPS>downloads macro help buttons don't load help documents.	A general help button that loads a new help document has been added in lieu of the help buttons on each tab. A separate help document for attaching rasters that has been added to the CADD Memos and Guidance web site.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Downloads.mvba	
CU-10233	12/13/19	Closed	Low	dgnlib csv files not used in production.	dgnlib csv files were deleted.	Enhanced (V2.0)	\OPENROADS\dgnlib\Level_Libraries\Excel\MDT_Level_NamesSU_Imperial.csv \OPENROADS\dgnlib\Level_Libraries\Excel\MDT_Level_NamesSURVEY_ALL_Imperial.csv \OPENROADS\dgnlib\Level_Libraries\Excel\MDT_Levels_EN_Imperial.csv \OPENROADS\dgnlib\Level_Libraries\Excel\MDT_Levels_RD_Imperial.csv \OPENROADS\dgnlib\Level_Libraries\Excel\MDT_Levels_RW_Imperial.csv \OPENROADS\dgnlib\Level_Libraries\Excel\MDT_Levels_SI_Imperial.csv \OPENROADS\dgnlib\Level_Libraries\Excel\MDT_Levels_Standard_Imperial.csv \OPENROADS\dgnlib\Level_Libraries\Excel\MDT_Levels_SU_Imperial.csv \OPENROADS\dgnlib\Level_Libraries\Excel\MDT_Level_Names_Imperial.csv \OPENROADS\dgnlib\Level_Libraries\Excel\MDT_Level_Names_Imperial.dgn \OPENROADS\dgnlib\Level_Libraries\Excel\MDT_Level_NamesCO_Imperial.csv \OPENROADS\dgnlib\Level_Libraries\Excel\MDT_Level_NamesLS_Imperial.csv \OPENROADS\dgnlib\Level_Libraries\Excel\MDT_Level_NamesPH_Imperial.csv \OPENROADS\dgnlib\Level_Libraries\Excel\MDT_Level_NamesRD_Imperial.csv \OPENROADS\dgnlib\Level_Libraries\Excel\MDT_Level_NamesRW_Imperial.csv \OPENROADS\dgnlib\Level_Libraries	Deleted Deleted Deleted Deleted Deleted Deleted Deleted Deleted Deleted Deleted Deleted Deleted Deleted Deleted Deleted Deleted

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10232	12/13/19	Closed	Low	Ref Check macro causing reference dialog box name something like "unknown9999000Test.dgn" when selecting Unknown, Unknown, Unknown, Unknown". Consultant user requested RDPIF file type for company created raster basemap reference file so the Ref Check macro works in the Consultant Workspace.	Modified MDT_File_Info.csv to revise prefix of "Unknown:" file type and create entry for RDPIF type files.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_File_Info.csv	
CU-10231	12/13/19	Closed	Low	When using the Road Tools>File Utilities>Attach Mapping Files macro, some selected files do not attach when selected. The final message box indicates files were attached.	Update the Reference Attachment form so a user gets a message box if a non-supported file is chosen from the list box when attempting to attach a file using the macro. The final message box was changed so there is no appearance of attaching if nothing was attached.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Attach_Reference.mvba	
CU-10230	12/13/19	Closed	Low	Due to long path names used by consultants, file names do no show up in the listbox of the form. Due to consultants not having a REF directory in many cases, an error is created when clicking on the REF button to show files in a REF directory.	Revise coding so the listbox shows only the critical file name information without the full path. Revise coding so an existing folder is searched for and then an error is avoided if the REF directory is not found.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Attach_Reference.mvba	
CU-10229	12/13/19	Closed	Low	#1 database call presents opportunity for file opening/close within the macro in the public function module.	Replace #1 database call with free file pointer.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_Public_Functions.mvba	
CU-10228 (BR)	12/13/19	Closed	Low	Bridge cell libraries are isolated in the WORKGROUP folder.	Bridge cell libraries were renamed with a BR_ prefix and relocated to the general cell library folder with configuration edits to support their relocation.	Enhanced (V2.0)	\WORKSPACE\CONFIG\MDT_Bridge.PCF \WORKGROUP\BRSTD\CELL\DRAFTINGCELLS.CEL \WORKGROUP\BRSTD\CELL\GIRDERS.CEL \WORKGROUP\BRSTD\CELL\HATCH.CEL \WORKGROUP\BRSTD\CELL\RAILS.CEL \WORKGROUP\BRSTD\CELL\REBARCHARTS.CEL \WORKGROUP\BRSTD\CELL\REBARSHAPES.CEL \WORKGROUP\BRSTD\CELL\SHEETNOTES.cel \WORKGROUP\BRSTD\CELL\SYMBOLS.CEL \WORKGROUP\BRSTD\CELL\3D_CELLS.CEL \WORKGROUP\BRSTD\CELL\DETAILNOTES.cel	Updated Relocated to \OPENROADS\cell " " " " " " " " "

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10227 (BR)	12/13/19	Closed	Low	BridgeDetailModels.dgn was loading with cell libraries.	Relocated BridgeDetailModels.dgn to new folder named ModelLibrary.	Enhanced (V2.0)	\WORKGROUP\BRSTD\CELL\BridgeDetailModels.dgn	Relocated to \WORKGROUP
CU-10226 (BR)	12/13/19	Closed	Low	BRSTD workgroup dgnlib folder includes files not used in production.	Deleted files from BRSTD workgroup folder.	Enhanced (V2.0)	\WORKGROUP\BRSTD\DGNLIB\BR_INTERFACE.DGNLIB \WORKGROUP\BRSTD\DGNLIB\BR_NAMEDEXPRESIONS.DGNLIB \WORKGROUP\BRSTD\DGNLIB\BR_PRINT.DGNLIB \WORKGROUP\BRSTD\DGNLIB\BR_SYMBOLSTYLES_STDDWGS.DGNLI \WORKGROUP\BRSTD\DGNLIB\BR_SYMBOLSTYLES_STDDWGS.DGNLIB2 \WORKGROUP\BRSTD\DGNLIB\BRIDGE_LEVELS.CSV \WORKGROUP\BRSTD\DGNLIB\Default_Microstation_DGNLIB_location.docx \WORKGROUP\BRSTD\DGNLIB\DrawingSeed.dgnli	Deleted Deleted Deleted Deleted Deleted Deleted Deleted Deleted
CU-10225 (BR)	12/13/19	Closed	Low	BRSTD workgroup Geopak folder includes files not used in production.	Deleted files from BRSTD workgroup folder.	Enhanced (V2.0)	\WORKGROUP\BRSTD\GEOPAK**All Files**	Deleted
CU-10224 (BR)	12/13/19	Closed	Low	BRSTD workgroup folder includes workflow documentation and guidance.	Workflow documentation and guidance files were removed from the BRSTD folder.	Enhanced (V2.0)	\WORKGROUP\BRSTD\DOCUMENTATION**All Files**	Deleted
CU-10223 (BR)	12/13/19	Closed	Low	Bridge Excel tools are stored in the the workspace.	Bridge Excel tools were relocated. New Files: XXXXXXXBRDSN001.xlsm (formerly BRDSN001.XLSM) and Tables_Library.xlsx (formerly TABLES.xlsx)	Enhanced (V2.0)	\WORKGROUP\BRSTD\TABLES\REF\TABLES.xlsx \WORKGROUP\BRSTD\TABLES\BRDSN001.XLSM	Moved to Common\ExcelManager\Bridge
CU-10222 (BR)	12/13/19	Closed	Low	Bridge archived .ref files weren't loading.	Configuration variables were updated to load .ref files.	Enhanced (V2.0)	\WORKSPACE\CONFIG\MDT_OPENROADS.UCF	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10221 (EL)	12/13/19	Closed	Low	Traffic Electrical cell libraries are isolated in the WORKGROUP folder.	Traffic Electrical cell libraries were renamed from TR_EL_ to EL_ prefix and relocated to the general cell library folder with configuration edits to support their relocation.	Enhanced (V2.0)	\WORKSPACE\CONFIG\MDT_TR_Electrical.PCF \WORKGROUP\ELSTD\CELL\TR_EL_Plan.cel \WORKGROUP\ELSTD\CELL\TR_EL_3D.cel \WORKGROUP\ELSTD\CELL\TR_EL_Map.cel	Updated Relocated to \OPENROADS\cell "
CU-10220 (EL)	12/13/19	Closed	Low	Electrical Excel QMG (Quantity Manager) isn't used.	Electrical Excel QMG files were deleted with interface and vba edits to support this change.	Enhanced (V2.0)	\WORKGROUP\ELSTD\EXCEL\xxxxxxxELQMG001.XLSM \WORKGROUP\ELSTD\EXCEL\Help_Electrical_Excel.pdf \WORKSPACE\INTERFACE\MDT_SS4\interface_Traffic.dgnlib \WORKSPACE\PROGRAMS\VBA\OPENROADS\MDTTRAFFIC_Enhanced.MVBA	Deleted Deleted
CU-10219 (EL)	12/13/19	Closed	Low	Electrical requires menu items from the Road Tools pulldown.	The Traffic Signing pcf file was edited to include the interface_Road.dgnlib, exposing the Road Tools pulldown when using the MDT_TR_Signing project.	Enhanced (V2.0)	\WORKSPACE\CONFIG\MDT_TR_Electrical.pcf	
CU-10218 (EL) (SI) (GE)	12/13/19	Closed	Low	Traffic pulldown menu items weren't customizing as set up.	.ucf and .pcf files were updated to load Traffic_interface.dgnlib in a manner to allow the named expression test to work properly under the Geometrics project. Traffic_interface.dgnlib named expression was revised to no longer be case sensitive.	Enhanced (V2.0)	\WORKSPACE\INTERFACE\MDT_SS4\Traffic_Interface.dgnlib \WORKSPACE\CONFIG\MDT_OPENROADS.ucf \WORKSPACE\CONFIG\MDT_Geometrics.pcf	
CU-10217 (EL) (SI) (GE)	12/13/19	Closed	Low	Traffic vba help documents were not loading from the location they were referencing within the workgroup folder. Traffic Macros aren't loading - Message: - Traffic Macros-	Traffic vba was edited to remove reference to the Sign Design and Ref Map to Plan help documents. The Traffic Macros will only load when your in a GE, EL, SI, or SA file and the GE, EL, SI or SA project. Message edited to: -Traffic Macros are only available in Geometrics, Electrical, Signing, & Safety Design Files-	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDTTRAFFIC_Enhanced.MVBA	
CU-10216 (GE) (SA)	12/13/19	Closed	Low	Geometrics dgnlib require updates.	MDT_Traffic_Geometrics.dgnlib was updated with current element templates from MDT_Traffic_Geometrics_2019.dgnlib (deleted) and all Geometrics levels. MDT_Feature_Definitions_Pavement_Markingsdgnlib was updated to remove Geometrics levels and 2 erroneous levels (North Arrow & P_Alignment_Approach_Chains) with configuration edit to support renamed dgnlibs.	Enhanced (V2.0)	\OPENROADS\dgnlib\MDT_Traffic_Geometrics.dgnlib \OPENROADS\dgnlib\MDT_Feature_Definitions_Pavement_Markings.dgnlib \WORKSPACE\CONFIG\MDT_TR_Safety_2018.pcf \OPENROADS\dgnlib\MDT_Traffic_Geometrics_2019.dgnlib \OPENROADS\dgnlib\Linestyles\Resources\2019_Custom_Resources\ MDT_ Imperial_Pavement Markings.rsc	Updated Updated Updated Deleted New

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10215 (GE)	12/13/19	Closed	Low	Torus and AutoTurn do not load in the Geometrics project from the Traffic pulldown.	Pulldown menus were updated to load the most current version of Torus and AutoTurn.	Enhanced (V2.0)	\WORKSPACE\INTERFACE\MDT_SS4\Traffic_Interface.dgnlib	
CU-10214	12/13/19	Closed	Low	Geotech, Safety Management and Visualization PCF files are no longer used in production.	PCF files were deleted.	Enhanced (V2.0)	\WORKSPACE\CONFIG\MDT_Geotech.PCF \WORKSPACE\CONFIG\MDT_Safety_Managment.PCF \WORKSPACE\CONFIG\MDT_Visualization.PCF	
CU-10213	12/13/19	Closed	Low	When the MDL application for Snow Manager is ran, the program crashes because the required environment variable is not defined.	Add SNOWMAN_HOME variable with defined folder path to fix the problem.	Enhanced (V2.0)	\WORKSPACE\CONFIG\MDT_OPENROADS.UCF	
CU-10212	12/13/19	Closed	Low	Environmental project configuration called cell library files from non-existing directories. The configuration mimics MDT_Road_2018.pcf almost completely.	Revise the configuration file to remove all duplicated code and non-existing directory references.	Enhanced (V2.0)	\OpenRoads\WORKSPACE\CONFIG\MDT_Environmental.PCF	
CU-10211 (GT) (RD)	12/13/19	Closed	Low	GTSTD workspace folder included workflow documentation and guidance.	Workflow documentation and guidance files were removed from the GTSTD folder.	Enhanced (V2.0)	\WORKGROUP\GTSTD\BORE_LOGS_FOR_DUMMIES.PDF \WORKGROUP\GTSTD\BOREHOLE_PROCESS.DOCX \WORKGROUP\GTSTD\BOREHOLE_PROCESS.PDF \WORKGROUP\GTSTD\GEOPAK_COREHOLE_COMMAND_REFERENCE.DOCX \WORKGROUP\GTSTD\GEOPAK_COREHOLE_COMMAND_REFERENCE.PDF \WORKGROUP\GTSTD\BORE_LOGS_FOR_DUMMIES.DOCX	Deleted Deleted Deleted Deleted Deleted Deleted
CU-10210 (GT) (RD)	12/13/19	Closed	Low	GTSTD workgroup folder includes GTP files and cell libraries no longer in use.	GTP files and cell libraries were deleted from GTSTD workgroup folder. Current GTP files and cell libraries are located under \OPENROADS.	Enhanced (V2.0)	\WORKGROUP\GTSTD\MDT_BOREHOLE_ENG_URBAN_A.GTP \WORKGROUP\GTSTD\MDT_BOREHOLE_MET_RURAL.GTP \WORKGROUP\GTSTD\MDT_BOREHOLE_MET_RURAL_A.GTP \WORKGROUP\GTSTD\MDT_BOREHOLE_ENG_RURAL.GTP \WORKGROUP\GTSTD\MDT_BOREHOLE_ENG_RURAL_A.GTP \WORKGROUP\GTSTD\MDT_BOREHOLE_ENG_URBAN.GTP \WORKGROUP\GTSTD\CELL\GEOTECH_CELL.CEL \WORKGROUP\GTSTD\CELL\GEOTECH.CEL	Deleted Deleted Deleted Deleted Deleted Deleted Deleted Deleted

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10209 (GT) (RD)	12/13/19	Closed	Low	GTP files pathed old cell library locations and used arial font styles. The 0 Hr and 24 Hr Water Elev. cells (ATD_WATER and EOD_WATER) placed too small.	GTP files were updated to reference cell library RD_Geotech under \OpenRoads\cell, use Engineering Regular font and size up the 0 Hr and 24 Hr Water Elev. cells.	Enhanced (V2.0)	\OPENROADS\MDT_BOREHOLE_ENG_RURAL.GTP \OPENROADS\MDT_BOREHOLE_ENG_URBAN.GTP	
CU-10208 (HY)	12/13/19	Closed	Low	Hydraulics cell libraries are isolated in the WORKGROUP folder and some not used for production.	Hydraulics cell libraries were relocated to the general cell library folder with configuration edits to support their relocation and those not used for production were deleted.	Enhanced (V2.0)	\WORKSPACE\CONFIG\MDT_Hydraulics.PCF \WORKGROUP\HYSTD\CELL\HY_3D.CEL \WORKGROUP\HYSTD\CELL\HY_ENGLISH.CEL \WORKGROUP\HYSTD\CELL\HY_GREEN.CEL \WORKGROUP\HYSTD\CELL\HY_2dftrees.cel \WORKGROUP\HYSTD\CELL\HY_FRAMES.CEL \WORKGROUP\HYSTD\CELL\HY_HYDRAULICS_STORM_SYSTEMS.cel \WORKGROUP\HYSTD\CELL\HY_LANDSCAPE.cel	Updated Deleted Deleted Deleted Deleted Relocated to \OPENROADS\cell "
CU-10207 (HY)	12/13/19	Closed	Low	HYSTD workgroup folder included standard drawings in a Detail_Drawing folder.	HYSTD workgroup folder was renamed from Detail_Drawing to Standard_Drawing. Create DGNs and Attach Detail Drawing macros were updated. Configuration updated to support folder changes. Attach Detail Drawing pull down menu path was revised from Road Tools>Detail Sheets>Attach Standard Detail to Road Tools>Detail Sheets>Attach Standard Hydraulics Drawings.	Enhanced (V2.0)	\WORKGROUP\HYSTD\Detail_Drawing \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Attach_Reference.mvba \WORKSPACE\INTERFACE\MDT_SS4\interface_Road.dgnlib \WORKSPACE\INTERFACE\MDT_SS4\interface.dgnlib \WORKSPACE\CONFIG\MDT_Hydraulics.PCF	Renamed Updated Updated Updated Updated Updated
CU-10206 (HY)	12/13/19	Closed	Low	HYSTD workgroup folder included dgnlib files that are no longer in use.	Deleted dgnlib files from HYSTD workgroup folder. All levels, feature definitions and element templates have previously been incorporated into \OpenRoads\dgnlib\MDT_Feature_Definitions_Hydraulics_Imperial.dgnlib and standard dimension styles from Road Design are used. HY_Interface.dgnlib isn't loaded.	Enhanced (V2.0)	\WORKGROUP\HYSTD\DGNLIB\DIMSTYLESMET_HYD.DGNLIB \WORKGROUP\HYSTD\DGNLIB\HY_INTERFACE.DGNLIB \WORKGROUP\HYSTD\DGNLIB\HY_LEVELS.csv \WORKGROUP\HYSTD\DGNLIB\HY_LEVELS.DGNLIB \WORKGROUP\HYSTD\DGNLIB\HY_TEMPLATES.DGNLIB \WORKGROUP\HYSTD\DGNLIB\HY_TEMPLATES.XLSX \WORKGROUP\HYSTD\DGNLIB\OLD**All Files** \WORKGROUP\HYSTD\DGNLIB\DIMSTYLESENG_HYD.DGNLIB	Deleted Deleted Deleted Deleted Deleted Deleted Deleted Deleted
CU-10205 (HY)	12/13/19	Closed	Low	HYSTD Workgroup folder includes Excel design tools that aren't workspace files.	Excel design tools were relocated to another location.	Enhanced (V2.0)	\WORKGROUP\HYSTD\EXCEL\SummaryFrameTables.xlsx	Relocated to Common\ExcelManager\HydraulicDesign
CU-10204 (PH)	12/13/19	Closed	Low	MDT logo in cell TTBMDT was on level E_Border.	Level of MDT logo in cell TTBMDT was corrected to E_Photogrammetry_Misc_TitleBlockMDT_English.	Enhanced (V2.0)	\OPENROADS\cell\SU_Survey.cel"	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10203 (RW)	12/13/19	Closed	Low	MDT_RightOfWay.PCF MS_CELL configuration was defined with a cell library file but should only be pathed to the cell folder. User cell library not being loaded.	Removed the cell library file name from the folder path. Add configuration to load cell from MyCell.cell.	Enhanced (V2.0)	\WORKSPACE\CONFIG\MDT_RightOfWay.PCF	
CU-10202 (RW)	12/13/19	Closed	Low	Road Tools>R/W Tools>RW Labeler File Format: 'Custom' save option wasn't needed.	Removed the custom file format save option from list box and edited other pop-up tip text.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_RWLabeler.mvba	
CU-10201 (RD) (SA)	12/13/19	Closed	Low	A clip mask is built into the macro to clip scales but scales are no longer included and do not need to be clipped.	The vba was edited to no longer clip mask the area.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
CU-10200 (RD) (SA)	12/13/19	Closed	Low	Geopak criteria isn't supported or approved for use in the Enhanced workspace.	Updated config files and removed files supporting geopak criteria.	Enhanced (V2.0)	\OPENROADS\CRIT**All Files** \WORKSPACE\CONFIG\MDT_TR_Safety_2018.pcf \WORKSPACE\CONFIG\MDT_Road_2018.pcf \WORKSPACE\CONFIG\MDT_Road.pcf \WORKSPACE\CONFIG\MDT_Environmental.pcf \WORKSPACE\CONFIG\MDT_MSU.pcf \WORKSPACE\CONFIG\MDT_OPENROADS.ucf \WORKSPACE\CONFIG\MDT_SUE.pcf	Deleted Updated Updated Updated Updated Updated Updated Updated
CU-10199 (RD) (SA)	12/13/19	Closed	Low	Macros not functioning in the consultant workspace.	Revised macro code to process _MDT_PATH configuration variables.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Excel_Quantities.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
CU-10198 (RD) (SA)	12/13/19	Closed	Low	Import Drainage Features macro was not funtional with new survey format.	A new macro was developed to read Attributes Pair data for drawing and labeling culverts to be accessed within MicroStation from the Road Tools pulldown (Road Tools>Survey>Import Drainage Features>Import Drainage Feature Data). Existing menu item 'Import Drainage Features' renamed to 'Import Drainage GPK Adhocs' (Road Tools>Survey>Import Drainage Features>Import Drainage GPK Adhocs).	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADSMDT_Existing_Survey_Drainage.mvba \WORKSPACE\INTERFACE\MDT_SS4\interface_Road.dgnlib \WORKSPACE\INTERFACE\MDT_SS4\interface.dgnlib	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10197 (RD) (SA)	12/13/19	Closed	Low	Culverts processed through the new OpenRoads survey process aren't recognized in the D&C Manager.	The D&C Manager Survey CULVI feature setting was fixed so that the culverts processed through the new openroads survey can be identified through the D&C Manager.	Enhanced (V2.0)	\OPENROADS\data\feature_definitions\MDT_Standard_2018.DDB	
CU-10196 (RD) (SA)	12/13/19	Closed	Low	Selecting Road Tools>Mapping>Profile Labeler from the MicroStation pulldown menu results in a VBA interface error: unable to run macro - project, module, or macro not found error. VBA isn't used in production.	Profile Labeler was removed from the Road Tools>Mapping pulldown menu.	Enhanced (V2.0)	\WORKSPACE\INTERFACE\MDT_SS4\interface.dgnlib \WORKSPACE\INTERFACE\MDT_SS4\interface_Road.dgnlib	
CU-10195 (RD) (SA)	12/13/19	Closed	Low	The resources folder includes a file that isn't used in production.	The file was deleted from the resources folder.	Enhanced (V2.0)	\OPENROADS\Resources\ACAD.PGPxxx	Deleted
CU-10194 (RD) (SA)	12/13/19	Closed	Low	The Excel estimate macro is outdated and no longer needs to be published.	Archive/delete the v8i_Excel_Estimate.mvba file.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Excel_Estimate.mvba	
CU-10193 (RD) (SA)	12/13/19	Closed	Low	A sample LST file is desired for consultant reference with a link from the MDT Plans Labeler macro form.	Add a link to the macro form and define appropriate environment variables in configuration files.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\Macro_Resources\ MDT_Plans_Labeler_CPB_List_Sample.txt	Updated New
CU-10192 (RD) (SA)	12/13/19	Closed	Low	Macro requests series number when creating ERO/Fence plans without items on first page but crashes after message box. The original reference sheet border is moved to 50000.000, 49650.000 instead of being removed.	Revise macro so series text is 1 by default and remove initialization code setting series number when RD/SA/HY active file name was parsed. Revise macro to detach existing RDSHEET.ref file based on file name and logical name and attach the appropriate reference border.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10191 (RD) (SA)	12/13/19	Closed	Low	Selecting Road Tools>Cross Sections>XS Delete Features from the MicroStation pulldown menu results in a compile error: variable not defined. VBA was intended for criteria workflow and is not used in the enhanced workspace for production.	XS Delete Features was removed from the Road Tools>Cross Sections pulldown menu and associated vba deleted.	Enhanced (V2.0)	\WORKSPACE\INTERFACE\MDT_SS4\interface.dgnlib \WORKSPACE\INTERFACE\MDT_SS4\interface_Road.dgnlib \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_XS_DeleteElements.MVBA \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_XS_DeleteElementsDefault.dxe \WORKSPACE\PROGRAMS\VBA\OPENROADS\Macro_Help\ MDT_Cross_Section_Delete_Elements.pdf	Updated Updated Deleted Deleted Deleted
CU-10190 (RD) (SA)	12/13/19	Closed	Low	File selection set does not clear and creates files unintentionally when moving between tabs to create files. The Pavement Preservation sheets are shown as an option to create files but are not part of the design flow due to the April 23, 2014 memo.	Add code in macro to clear check boxes when switching tabs in the form. Disable/Unvisualize the Pavement Preservation tab in the form.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
CU-10189 (RD) (SA)	12/13/19	Closed	Low	Cross section topog station labels are truncating instead of rounding. For features that are at a station between 0.5 and the next even foot, the station used is 1 foot less than other locations where the feature is reported.	The Import Topog Features macro was updated to round the stationing rather than truncate it when labeling topog features.	Enhanced (V2.0)	\workspace\programs\vba\openroads\v8i_Import_Existing_Survey.MVBA	
CU-10188 (RD) (SA)	12/13/19	Closed	Low	When creating detail sheets with the Final Plans Review stamp selected, the Preliminary stamp is used.	Revised code to change preliminary stamp by level name instead of by level number.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
CU-10187 (RD) (SA)	12/13/19	Closed	Low	MDT_Road_2018.PCF is loading a dgnlib that isn't used for production.	MDT_Feature_Definitions_Utilities_Imperial.dgnlib was removed from the MS_DGNLIBLIST and CIVIL_CONTENTMANAGEMENTDGNLIBLIST.	Enhanced (V2.0)	\OpenRoads\WORKSPACE\CONFIG\MDT_Road_2018.pcf	
CU-10186 (RD) (SA)	12/13/19	Closed	Low	MDT_SHEETS_CROSS_SECTIONS.xssl.bak is not used for production.	MDT_SHEETS_CROSS_SECTIONS.xssl.bak was deleted.	Enhanced (V2.0)	\OPENROADS\MDT_SHEETS_CROSS_SECTIONS.xssl.bak	Deleted

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10185 (RD) (SA)	12/13/19	Closed	Low	Create DGNs macro for Fencing/Erosion Control tab allows selecting/input when checkboxes for Title and Plans are not selected.	Disable, clear, and grey textbox and listbox when check boxes are not selected. Enable and change background to white when the check box is selected.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
CU-10184 (RD) (SA)	12/13/19	Closed	Low	The RDSTD workgroup folder has cell libraries not used for production. These cell libraries were retained as a precaution in case cells that hadn't been incoporated into RD cell libraries under \Openroads\cell were needed.	RDSTD workgroup folder cell libraries were deleted.	Enhanced (V2.0)	\WORKGROUP\RDSTD\ \WORKGROUP\RDSTD\CELL\TRAFFIC CONTROL.CEL \WORKGROUP\RDSTD\CELL\DRAINAGE.CEL \WORKGROUP\RDSTD\CELL\ENGLISH.CEL \WORKGROUP\RDSTD\CELL\PATTERNS.CEL \WORKGROUP\RDSTD\CELL\README.TXT	Deleted Deleted Deleted Deleted Deleted
CU-10183 (RD) (SA)	12/13/19	Closed	Low	Title sheet is created with fill attributes turned off and jumbles of title seals, consultant blocks, and MDT blocks in the lower right corner of the sheet. Active file settings macro does not turn on/off levels for Gabe Priebe's title seal and has no options when the DGN file is not a TTL file. 3D and 2D notation of files in Create DGN form is unknown.	Fill attribute has been turned on in the seed file, consultant block info and all title seals except James Combs have been turned off. Macro was fixed to remove seals no longer needed and turn off other seal levels when changed. Macro box changed so it is grey when opened in a non-title sheet file. The Create DGN form was updated so a 2D/3D notation is part of the description on file check box lines.	Enhanced (V2.0)	\OpenRoads\SEED\RD_Plans\RDTTL001.DGN \OpenRoads\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
CU-10182 (RD) (SA)	12/13/19	Closed	Low	Preferences required updates.	xin preference file was updated.	Enhanced (V2.0)	\OPENROADS\data\feature_definitions\MDT_XS_PREF_2018.xin	
CU-10181 (RD) (SA)	12/13/19	Closed	Low	Using Road Tool>File Utilities>Create DGN's to create Working X-Sections, Layout X-Sections and Summaries only creates 1 file regardless of number in # of Files	Fixed Working X-Sections, Layout X-Sections and Summaries # of files options to create multiple files.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
CU-10180 (RD) (SA)	12/13/19	Closed	Low	Road Tools>Survey>Import Drainage Features>Import Drainage GPK Adhocs 'Label Profile Information' dialog HELP button didn't load a help document.	HELP button was removed from Label Profile Information dialog.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Import_Existing_Drainage.mvba	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10179 (RD) (SA)	12/13/19	Closed	Low	If multiple copies of a file are created using the Create DGNs form, the sheet border info is filled in on the first file created but not on the additional files.	Revise the order of operation so the sheet border information is filled in prior to making duplicates of the file. This affected coding for all file types in the "Plan Files" frame of the Create DGNs form except Title sheets: Typical, Summary, Traverse, Detail, Plan/Profile, and Plan/Plan sheets.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
CU-10178 (RD) (SA)	12/13/19	Closed	Low	Fill View Attribute is off when creating files.	Fill View Attribute was turned on in RD seed files except for RDLAY001.DGN, RDPVP001.DGN, RDTTL001.DGN and RDXSF001.DGN.	Enhanced (V2.0)	\SEED\RD_Plans\RDDETADA.DGN \SEED\RD_Plans\RDERO001.DGN \SEED\RD_Plans\RDERT001.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\RDSUM001.DGN \SEED\RD_Plans\RDTRV001.DGN \SEED\RD_Plans\RDTRVGPS.DGN \SEED\RD_Plans\RDTTLURB.DGN \SEED\RD_Plans\RDTYP001.DGN \SEED\RD_Plans\RDDET001.DGN	
CU-10177 (RD) (SA)	12/13/19	Closed	Low	When producing typical sections using the sample Typical 1 and Typical 3 data, the material labels of "crush" aggregate course are missing the "ed" the PMS layer does not have "bituminous surface" in the label.	vba and supporting files were corrected.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Typical.mvba \WORKSPACE\PROGRAMS\VBA\TYPICALS\TYPICAL2.txt \WORKSPACE\PROGRAMS\VBA\TYPICALS\TYPICAL3.txt \WORKSPACE\PROGRAMS\VBA\TYPICALS\TYPICAL4.txt \WORKSPACE\PROGRAMS\VBA\TYPICALS\TYPICAL1.txt	
CU-10176 (SA)	12/13/19	Closed	Low	MDT_TR_Safety.PCF configuration mimics MDT_Road almost completely.	Revise the configuration file to remove all duplicated code, accepting small additional items loaded for CIVIL_PROJECTSETTINGSDGNLIBLIST and custom function key.	Enhanced (V2.0)	\WORKSPACE\CONFIG\MDT_TR_Safety.PCF	
CU-10175 (SA)	12/13/19	Closed	Low	MDT_TR_Safety_2018.PCF configuration mimics MDT_Road_2018 almost completely.	Revise the configuration file to remove all duplicated code, accepting small additional items loaded for HY Cells in cell list MS_DGNLIBLIST and CIVIL_CONTENTMANAGEMENTDGNLIBLIST.	Enhanced (V2.0)	\WORKSPACE\CONFIG\MDT_TR_Safety_2018.PCF	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10174 (SI)	12/13/19	Closed	Low	SISTD GuideSIGN workgroup folder requires updates.	SISTD GuideSIGN workgroup folder was updated.	Enhanced (V2.0)	\WORKGROUP\SISTD\GuidSIGN\Contents \WORKGROUP\SISTD\GuidSIGN\GuideSIGN 71Plus\Contents User	Deleted Updated
CU-10173 (SI)	12/13/19	Closed	Low	Signing required updated details file(s).	Deleted old detail files and added new file.	Enhanced (V2.0)	\WORKGROUP\SISTD\DETAILS\PLANSHT2.TRS \WORKGROUP\SISTD\DETAILS\PLANSHEE.TRF \WORKGROUP\SISTD\DETAILS\DETAILS.DGN	Deleted Deleted New
CU-10172 (SI)	12/13/19	Closed	Low	SISTD Workgroup folder includes example 3D cells that are reviewed for incorporation into MDT cell libraries for production use. These cell libraries are used in a development environment to manage the production cell libraries. Legacy cells shouldn't be included in the Enhanced workspace and SignDesigns are not usable. Signing cell libraries for production are isolated in the WORKGROUP folder.	Deleted example 3D cells and Legacy cells from Enhanced production workspace. Production cell libraries were reconfigured and moved along with configuration edits to support their relocation.	Enhanced (V2.0)	\WORKGROUP\SISTD\CELL\3D_Cells**All Files** \WORKGROUP\SISTD\CELL\Legacy_Cells**All Files** \WORKGROUP\SISTD\CELL\SignDesigns**All Files** \WORKGROUP\SISTD\CELL\TR_SI_BIKE_PED_SCHOOL-1.cel \WORKGROUP\SISTD\CELL\TR_SI_CONSTRUCTION-1.cel \WORKGROUP\SISTD\CELL\TR_SI_GUIDE-1.cel \WORKGROUP\SISTD\CELL\TR_SI_REGULATORY-1.cel \WORKGROUP\SISTD\CELL\TR_SI_RNDABOUT-1.cel \WORKGROUP\SISTD\CELL\TR_SI_SIGN-1.cel \WORKGROUP\SISTD\CELL\TR_SI_WARNING-1.cel \OPENROADS\cell\SI_GuideSIGN.cel \OPENROADS\cell\SI_HORZ-CURVE.cel \OPENROADS\cell\SI_SUMMARY.cel \OPENROADS\cell\SI_DELINEATION.CEL \OPENROADS\cell\SI_DETAILS.cel \WORKGROUP\SISTD\CELL\MDT_3D\TR_MDT_3D_PostPoles.cel \WORKGROUP\SISTD\CELL\MDT_3D\TR_MDT_3D_Chevrons.cel \WORKGROUP\SISTD\CELL\MDT_3D\TR_MDT_3D_Delin.cel \WORKGROUP\SISTD\CELL\MDT_3D\TR_MDT_3D_Del-SnwPoles.cel \WORKGROUP\SISTD\CELL\MDT_3D\TR_MDT_3D_FlexDel.cel \WORKGROUP\SISTD\CELL\MDT_3D\TR_MDT_3D_MilePosts.cel \WORKSPACE\CONFIG\MDT_TR_Signing.PCF	Deleted Deleted Deleted Updated/Renamed Updated/Renamed Updated/Renamed Updated/Renamed Updated/Renamed Updated/Renamed Updated/Renamed New New New New New Updated/Renamed Updated/Renamed Updated/Renamed Updated/Renamed Updated/Renamed Updated/Renamed
CU-10171 (SI)	12/13/19	Closed	Low	SISTD Workgroup folder includes help documents that aren't workspace files.	Help documents were removed. Applicable help documents were published on the MDT CADD Info web page with other CADD Guides & Memos including configuration edits to support GuideSIGN help guides and FAQ access from Traffic pulldown menu within MicroStation.	Enhanced (V2.0)	\WORKGROUP\SISTD\MDT_Std\HorzCurv_MultiLn.pdf \WORKGROUP\SISTD\MDT_Std\HorzCurv_SingleLn.pdf \WORKGROUP\SISTD\MDT_Std\Documents**All Files** \WORKGROUP\SISTD\MDT_Std\Manuals**All Files** \WORKGROUP\SISTD\MDT_Std\Notes_Ref**All Files** \WORKGROUP\SISTD\MDT_Std\Training**All Files** \WORKSPACE\INTERFACE\MDT_SS4\interface_Traffic.dgnlib	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10170 (SI)	12/13/19	Closed	Low	SISTD Workgroup folder includes Excel design tools that aren't workspace files. Help document to be accessed from within the Excel file.	Excel design tools were relocated to another location with interface and vba edits to support relocation. New File: #######SISUM001.xlsm (formerly ####000SISUM001.xlsm) and PMQ_Calculation.xlsx	Enhanced (V2.0)	\WORKGROUP\SISTD\MDT_Std\####000SISUM001.xlsm \WORKGROUP\SISTD\MDT_Std\SUM&SPEC_SISUM001.xlsm \WORKGROUP\SISTD\MDT_Std\SUM&SPEC_SISUM001.xlsx \Common\ExcelManager\SignDesign\PMQ_Calculation.xlsx \WORKSPACE\INTERFACE\MDT_SS4\interface_Traffic.dgnlib \WORKSPACE\PROGRAMS\VBA\OPENROADS\MDTTRAFFIC_Enhanced.MVBA	Relocated to Common\ExcelManager\SignDesign Deleted Deleted New
CU-10169 (SI)	12/13/19	Closed	Low	Signing requires menu items from the Road Tools pulldown.	The Traffic Signing pcf file was edited to include the interface_Road.dgnlib, exposing the Road Tools pulldown when using the MDT_TR_Signing project.	Enhanced (V2.0)	\WORKSPACE\CONFIG\MDT_TR_Signing.pcf	
CU-10168 (SI)	12/13/19	Closed	Low	The GSBWFILL, GSCOLORFILL, GSOUTLINE levels were in the wrong DGNLIB with Global Display turned off which locked the levels so users could not turn on or off.	Removed the levels from the traffic interface dgnlib and placed them in the traffic signing dgnlib with the global display turned on	Enhanced (V2.0)	\OPENROADS\dgnlib\MDT_Traffic_Signing.dgnlib \WORKSPACE\INTERFACE\MDT_SS4\interface_Traffic.dgnlib	
CU-10166 (SU)	12/13/19	Closed	Low	MDT_Land_Survey.PCF MS_CELL configuration variable was defined with a cell library file but should only be pathed to the cell folder. The MS_CELLLIST variables were separated.	Removed the cell library file name from the folder path and consolidated the MS_CELLLIST entries.	Enhanced (V2.0)	\WORKSPACE\CONFIG\MDT_Land_Survey.PCF	
CU-10165 (SU)	12/13/19	Closed	Low	MDT_Survey_English.PCF MS_CELL configuration variable was defined with a cell library file but should only be pathed to the cell folder. User cell library not being loaded.	Removed the cell library file name from the folder path. Add configuration to load cell from MyCell.cell.	Enhanced (V2.0)	\WORKSPACE\CONFIG\MDT_Survey_English.PCF	
CU-10164 (SU)	12/13/19	Closed	Low	A prompt requesting user to select LandXML or GEOPAK SMD displays when opening a survey file with an OpenRoads Survey Field book.	Fixed survey settings to include the Geopak SMD *.xml format so it stops asking using to select when opening openroads survey files.	Enhanced (V2.0)	\OpenRoads\OPENROADS\dgnlib\MDT_Project_Settings_3D_Imperial.dgnlib	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10163	11/19/19	Closed	Low	CutLT_E cell was too large and multiple cells had inconsistent text height and width.	Cell CutLT_E was adjusted to the correct size and miscellaneous text font sizes were adjusted.	Enhanced (V2.0)	\OPENROADS\cell\RD_Typical.cel	
CU-10160	11/04/19	Closed	Low	When creating detail sheets with the Final Plans Review stamp selected, the Preliminary stamp is used.	Revised code to change preliminary stamp by level name instead of by level number.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
CU-10159	10/29/19	Closed	Medium	MDT Maps WMS raster images not displaying. Montana State Library updated the wms map server. Some map options were retired and additional maps made available.	Files to support MDT Maps were updated and files not used to support maps in production were deleted.	Enhanced (V2.0)	\WORKGROUP\STDREF\MT_Raster\MDT_NAIP_2013_MT_Raster.dgn	Deleted
							\WORKGROUP\STDREF\MT_Raster\22222.stm	Deleted
							\WORKGROUP\STDREF\MT_Raster\22222.stm.pss	Deleted
							\WORKGROUP\STDREF\MT_Raster\MDT_GIS_Reference_Markers_Lableled.xwms	Deleted
							\WORKGROUP\STDREF\MT_Raster\MSDI_MT_BaseMap.xwms	Deleted
							\WORKGROUP\STDREF\MT_Raster\MSDI_TransportationSPC.xwms	Deleted
							\WORKGROUP\STDREF\MT_Raster\mtgis.cfg	Deleted
							\WORKGROUP\STDREF\MT_Raster\OnSystemRoutes.xwms	Deleted
							\WORKGROUP\STDREF\MT_Raster\ROUTES.xwms	Deleted
CU-10158	10/29/19	Closed	Medium	…cont.		Enhanced (V2.0)	\WORKGROUP\STDREF\MT_Raster\naip2013.xwms	Deleted
							\WORKGROUP\STDREF\MT_Raster\ReferenceMarkers.xwms	Deleted
							\WORKGROUP\STDREF\MT_Raster\MDT_NAIP_2013_MT_Raster.dgn	Updated
							\WORKGROUP\STDREF\MT_Raster\MDT_Raster_Image_Basemap.dgn	Updated
							\WORKGROUP\STDREF\MT_Raster\MSDI_Conservation Easements.xwms	Updated
							\WORKGROUP\STDREF\MT_Raster\MSDI_Hydrography.xwms	Updated
							\WORKGROUP\STDREF\MT_Raster\MSDI_Parcels.xwms	Updated
							\WORKGROUP\STDREF\MT_Raster\MSDI_PLSSWebMerc.xwms	Updated
							\WORKGROUP\STDREF\MT_Raster\MSDI_Stuctures_SPC.xwms	Updated
CU-10157	10/29/19	Closed	Medium	…cont.		Enhanced (V2.0)	\WORKGROUP\STDREF\MT_Raster\MSDI_Transportation.xwms	Updated
							\WORKGROUP\STDREF\MT_Raster\MSDI_Watershed_Boundaries.xwms	Updated
							\WORKGROUP\STDREF\MT_Raster\MSDI_Boundaries.xwms	New
							\WORKGROUP\STDREF\MT_Raster\MSDI_Land_Cover.xwms	New
							\WORKGROUP\STDREF\MT_Raster\MSDI_Managed_Areas.xwms	New
							\WORKGROUP\STDREF\MT_Raster\MSDI_Mapping_Control.xwms	New
							\WORKGROUP\STDREF\MT_Raster\MSDI_Montana_Geographic_Names.xwms	New
							\WORKGROUP\STDREF\MT_Raster\MSDI_Public_Lands.xwms	New
							\WORKGROUP\STDREF\MT_Raster\MSDI_Roads.xwms	New
CU-10156	10/29/19	Closed	Medium	…cont.		Enhanced (V2.0)	\WORKGROUP\STDREF\MT_Raster\MSDI_WetlandsRiparian.xwms	New

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10154	10/24/19	Closed	Low	Project Info button does not load project info when initiated from Create DGNS form.	Revise code to define project info dat file path.	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\OpenRoads\v8i_Create_RDMAP_Files.mvba	
CU-10153	10/22/19	Closed	Low	When creating Fencing Plans, the title of "Fencing Plans" does not get placed on Fencing title sheet.	Add data field cell into sheet file so the cell gets placed using current macro process.	Enhanced (V2.0)	\OPENROADS\cell\RD_Sheets.cel \WORKGROUP\STDREF\RDSHEET.REF	
CU-10167	09/27/19	Closed	Medium	Gabe Priebe's engineer seal was required on Signing plans. The standard reference files where the engineer seal is located are named with a .dgn extension and are not in the STDREF folder.	Standard reference files were copied to the STDREF folder and renamed with a .ref extension. Gabe Priebe's engineer seal was added to the Signing standard .ref files and seed files were updated to reference the the .ref files. Any active projects will need to be updated to reference the .ref files from STDREF. The .dgn files will remain in place to support older projects.	Enhanced (V2.0)	\WORKGROUP\STDREF\gs_sndgncalc.ref \WORKGROUP\STDREF\ETRAFPL_OR.ref \SEED\TR_Plans\######SISUM001.DGN \SEED\TR_Plans\######SITTL001.DGN \SEED\TR_Plans\######SIDET001.DGN \SEED\TR_Plans\######SIPLN001.DGN \SEED\TR_Plans\######SISDC001.DGN	
CU-10150	09/27/19	Closed	Medium	Gabe Priebe's engineer seal was required in RD_Sheets.cel cell library.	Gabe Priebe's engineer seal was added to the RD_Sheets.cel cell library.	Enhanced (V2.0)	\OPENROADS\cell\RD_Sheets.cel	
CU-10149	09/24/19	Closed	Medium	Bridge standard drawings require corrections.	Updated files to correct Bridge standard drawings.	Enhanced (V2.0)	\WORKGROUP\BRSTD\BR_STD_DWG\PDF\ENGLISH_PDF\BRSTDOPP.pdf \WORKGROUP\BRSTD\BR_STD_DWG\PDF\ENGLISH_PDF\BRSTDOPK.pdf \WORKGROUP\BRSTD\BR_STD_DWG\PDF\ENGLISH_PDF\BRSTDO42.pdf \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\BRSTDOPP.DGN \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\BRSTDOPK.DGN \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\BRSTDO42.DGN \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\OR42- \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\OR42_091719.S \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\OR42-	Updated Updated Updated Updated Updated Updated New New New
CU-10148	09/24/19	Closed	Medium	…cont.		Enhanced (V2.0)	\WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\OR42_062719.S \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\OR42- \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\OR42-	Deleted Deleted Deleted

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10147	09/20/19	Closed	High	Macro to create quantity manager files will fail when old folder directory is eliminated.	Revise the macro and point the file path to the new file location: \ExcelManager\RoadDesign\Summary_Frames_Arial .	Enhanced (V2.0)	\WORKSPACE\PROGRAMS\VBA\V8I\v8i_Excel_Quantities.mvba	
CU-10145	09/20/19	Closed	High	Internal file share changes require CADD adjustments.	Provide updated folder names and locations: Old Folder: DEFAULT_FRAMES New Folder: Summary_Frames_Engr to include XXXXXXXRDQMG002.xlsm, Frames_Library_Engr.xlsx (formerly known as FRAMES_DEFAULT.xlsx) and	Enhanced (V2.0)	\CaddStdOR\WORKGROUP\RDSTD\EXCEL**All Files**	Moved to Common\ ExcelManager\RoadDesig n\Summary_Frames_Engr
CU-10144	09/17/19	Closed	Medium	The Traffic macro didn't load from production CADD standards.	Current vba file was added to the workspace and expired vba file deleted. Traffic interface dgnlib was updated to call vba from production.	Enhanced (V1.2)	\WORKSPACE\PROGRAMS\VBA\MDTTRAFFIC.MVBA \WORKSPACE\PROGRAMS\VBA\OPENROADS\MDTTRAFFIC.MVBA \WORKSPACE\PROGRAMS\VBA\OPENROADS\MDTTRAFFIC_Enhanced.MVBA \WORKSPACE\INTERFACE\MDT_SS4\interface_Traffic.dgnlib	Deleted Deleted New Updated
CU-10143	09/13/19	Closed	Low	File name of "Sample Drainage FeatureDefs.cel" needs spaces removed from the file name	Remove spaces from name	Enhanced (V1.2)	\OPENROADS\cell\SampleDrainageFeatureDefs.cel	
CU-10142	09/11/19	Closed	Medium	When creating a new file, the Traffic macro creates a blank file and mixed results are experienced when referencing the map file.	ETRAFPL_OR.dgn and seed files were updated.	Enhanced (V1.2)	\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 \SEED\TR_Plans\######SIDET001.DGN \WORKGROUP\SISTD\ETRAFPL_OR.DGN	
CU-10141	09/09/19	Closed	Medium	Gabe Priebe's engineer seal was required on Road plans.	Gabe Priebe's engineer seal was added to the RD standard ref file.	Enhanced (V1.2)	\WORKGROUP\STDREF\RDSHEET.REF	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10140	09/06/19	Closed	Low	Within the NA model of the RD_Plan.cel file there is a reference attachment to the RD_Plan.cel model.	Detach reference from the NA model of the file.	Enhanced (V1.2)	\OPENROADS\cell\RD_Plan.cel	
CU-10139	09/06/19	Closed	Low	Inconsistent/confusing text difference in Typical generator sample data file.	Changed the name from "FileName=W:\WORKSPACE\PROGRAMS\VBA\TYPICALS\TYPICAL4.txt" so it reads "FileName=C:\DGN\TYPICAL4.txt"	Enhanced (V1.2)	\WORKSPACE\PROGRAMS\VBA\TYPICALS\TYPICAL4.txt	
CU-10138	09/05/19	Closed	Low	MDT-Seed2D-Imperial.dgn was the default seed file when creating new files but Photogrammetry uses MDT-Seed3D-Imperial.dgn. Also, extraneous levels and filters were exposed in the Photogrammetry workgroup (aka Project).	MDT-Seed3D-Imperial.dgn was set as the default seed file and the Photogrammetry configuration was adjusted to expose only necessary dgnlib files.	Enhanced (V1.2)	\WORKSPACE\CONFIG\MDT_OPENROADS.UCF \WORKSPACE\CONFIG\MDT_Photogrammetry.PCF	
CU-10137	08/29/19	Closed	Low	cel library file not used	deleted cell library file	Enhanced (V1.2)	\OPENROADS\cell\test7.cel	Deleted
CU-10135	08/19/19	Closed	Medium	Traffic Electrical xxxxxxxELQMG001.XLSM uses the bid item file (biditems.xlsm) from the RDSTD location and ELSTD includes files no longer in use or not used for production.	xxxxxxxELQMG001.XLSM was updated to include biditems and BIDITEMS was deleted from RDSTD. Unused files were removed.	Enhanced (V1.2)	\WORKGROUP\RDSTD\EXCEL\DEFAULT_FRAMES\BIDITEMS.XLSM \WORKGROUP\ELSTD\EXCEL\CoordTable_Curves.xlsm \WORKGROUP\ELSTD\EXCEL\CoordTable_Points.xlsm \WORKGROUP\ELSTD\EXCEL\Help_Electrical_Excel.docx \WORKGROUP\ELSTD\EXCEL\xxxxxxxELQMG001.XLSM	Deleted Deleted Deleted Deleted Updated
CU-10134	08/16/19	Closed	Medium	Cell UTXING text was unintentionally scaling with drawing scale adjustments.	UTXING cell text element attribute Is Annotation was set to False.	Enhanced (V1.2)	\OPENROADS\cell\RD_Plan.cel	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10133	08/16/19	Closed	Medium	When placing cell GT (Grid Tick) in a file, it gets placed on incorrect level E_Misc_Misc_DefaultPoint. It should be placed on E_Photogrammetry_Misc_Grid Tick.	Level of Cell GT (Grid Tick) was revised from E_Misc_Misc_DefaultPoint to E_Photogrammetry_Misc_Grid Tick.	Enhanced (V1.2)	\OPENROADS\cell\SU_Survey.cel	
CU-10131	07/30/19	Closed	High	MDT Environmental>Wetlands>XS Points >XS_Natural_WetlandTIBoundary element template properties link an invalid cell name. E_Natural_Water_WetlandBoundary survey level is used for element template features XS_Natural_WetlandBoundary, XS_Natural_WetLandIBoundary, XS_Natural_WetLandMBoundary, XS_Natural_WetLandTIBoundary	Modified the cell for feature XS_Natural_WetlandTIBoundary to XS_Natural_WetLandTBNDRY, revised levels for element template features to use levels from the Environmental DGNLIB instead of the survey levels and removed attributes for Weight and Linestyle from the general properties.	Enhanced (V1.2)	\OPENROADS\dgnlib\3MDT_Feature_Definitions_Environmental_Imperial.dgnlib	
CU-10130	07/30/19	Closed	High	Cross section wetlands flag includes a space in the wetland text and the flag is placing on a no plot level E_Natural_Wetland_Feature when cross sections are cut.	Removed the space from Wetland cells to make them "Wetland" instead of two words, changed the levels of the cells to use levels from the Environmental DGNLIB instead of the survey levels, and grouped elements in each wetland cell to use in the workflow to keep level attributes from the cell library when cutting cross sections.	Enhanced (V1.2)	\OPENROADS\cell\RD_XS.cel	
CU-10129	07/26/19	Closed	High	The E_Natural_Wetland_Boundary custom line style font is too small (1 pt.) and the E_Utility_Water_Line, E_Utility_Sanitary_Sewer and E_Utility_Storm_Drain custom line style fonts are displaying with enlarged text. The P_Barrier_Gate symbology is also too large.	This was resolved through editing the related DGNLIB files.	Enhanced (V1.2)	\OPENROADS\dgnlib\3MDT_Feature_Definitions_Environmental_Imperial.DGNlib \OPENROADS\dgnlib\1MDT_Feature_Definitions_Survey_Imperial.dgnlib \OPENROADS\dgnlib\MDT_Feature_Definitions_3D_Geometry_Imperial.dgnlib \OPENROADS\dgnlib\Linestyles\Resources\2019_Custom_Resources \OPENROADS\dgnlib\Linestyles\Resources\2019_Custom_Resources\Existing_Survey.rsc	
CU-10128	07/17/19	Closed	Medium	From R/W: Please Add a Civil fetature for Section Corner Ties	Created New feature, element template, and level. Symbology provided by R/W and plot option was checked off on level so feature will not plot.	Enhanced (V1.2)	OPENROADS\DGNLIB\2MDT_Feature_Definitions_ROW_Imperial.dgnlib	
CU-10127	*7/1/19	Closed	Medium	From Bridge: Please update CADDSTDOR and CADDTESTOR with the following file from CADDDEVOR. Need standard drawings of the new MASH bridge rails.	Copied file to caddtestor and caddstdor. Standard drawings of the new MASH bridge rails added.	Enhanced (V1.2)	WORKGROUP\BRSTD\BR_STD_DWG\PDF\ENGLISH_PDF\ BRSTD42B.pdf WORKGROUP\BRSTD\BR_STD_DWG\PDF\ENGLISH_PDF\ BRSTD42R.pdf WORKGROUP\BRSTD\BR_STD_DWG\PDF\ENGLISH_PDF\ BRSTDO42.pdf WORKGROUP\BRSTD\BR_STD_DWG\PDF\ENGLISH_PDF\ BRSTDOPK.pdf WORKGROUP\BRSTD\BR_STD_DWG\PDF\ENGLISH_PDF\ BRSTDOPP.pdf WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ BRSTD42B.DGN WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ BRSTD42R.DGN WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ BRSTDO42.DGN WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ BRSTDOPK.DGN	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10126	*7/1/19	Closed	Medium	…cont.		Enhanced (V1.2)	WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ BRSTDOPP.DGN WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\ WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\ WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\ WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\ OR42- WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\ OR42-	
CU-10125	*7/1/19	Closed	Medium	Cell, Details, Standards & folders for MDT Signing Standards were needed.	Modified multiple Cells, Details, Standards & folders for MDT Signing Standard changes & updates. GuidSIGN 7 Pro updating for enhanced workspace.	Enhanced (V1.2)	\WORKGROUP\SISTD**All Files**	
CU-10123	*7/1/19	Closed	Medium	From Bridge: Please update CADDSTDOR and CADDTESTOR with the following file from CADDDEVOR.	Copied file to caddtestor and caddstdor.	Enhanced (V1.2)	\BRSTD\DGNLIB\BR_ELEMENTTEMPLATES.DGNLIB	
CU-10119	*7/1/19	Closed	Medium	Old files need to be purged so users pull currently updated frames. Bid item file (biditems.xlsm) is used by Electrical/Traffic.	Delete Examples and Help guides from CADDSTDOR folder.	Enhanced (V1.2)	\WORKGROUP\RDSTD\EXCEL\DEFAULT_FRAMES\EXAMPLES**All Files** \WORKGROUP\RDSTD\EXCEL\DEFAULT_FRAMES\AVGEN.TXT \WORKGROUP\RDSTD\EXCEL\DEFAULT_FRAMES\AVGPR.LIS \WORKGROUP\RDSTD\EXCEL\DEFAULT_FRAMES\Excel_Summary_Frames.docx \WORKGROUP\RDSTD\EXCEL\DEFAULT_FRAMES\Excel_Summary_Frames.pdf \WORKGROUP\RDSTD\EXCEL\DEFAULT_FRAMES\QUANTITY_MANAGER.DOCX \WORKGROUP\RDSTD\EXCEL\DEFAULT_FRAMES\QUANTITY_MANAGER.pdf	Deleted
CU-10118	*7/1/19	Closed	Medium	Old files need to be purged so users pull currently updated frames.	Replace FRAMES_DEFAULT.xlsx with a single worksheet containing a read-me message to contact MDT CADD Support.	Enhanced (V1.2)	\WORKGROUP\RDSTD\EXCEL\DEFAULT_FRAMES\FRAMES_DEFAULT.xlsx	
CU-10109	*5/8/19	Closed	Low	Feature Files are for data collectors and don't support MicroStation processes or correlate with various workspace releases. fcl and fea files are used with older data collectors. fxl files will support newer data collectors and replace old smd process.	Feature files have been relocated to the common directory to be accessed via the internet.	Enhanced (V1.2)	\CaddStdOR\WORKGROUP\SURVEY\CADASTRAL2.FCL \CaddStdOR\WORKGROUP\SURVEY\CADASTRAL2.FXL \CaddStdOR\WORKGROUP\SURVEY\MDTRV006_0_2E.FEA	moved to Common\ SUSTD\Feature_Files

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10103	*5/16/19	Closed	Low	Macro Help word documents on CADDSTDOR do not need to be there, they are the supporting documents for the PDF's used by the macro's	Removed the word documents	Enhanced (V1.2)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MACRO_HELP*.DOCX	
CU-10102	*5/14/19	Closed	Medium	Preliminary stamp not inserted in RD_XS.cel model "SHT_XSLAYwgrid" so the sheet labeling macro would not function when Geopak grids were used in the XS Layout files.	Preliminary stamp on level "S_BOT_Preliminary Text" was added.	Enhanced (V1.2)	\OPENROADS\cell\RD_XS.cel	
CU-10101	*5/13/19	Closed	Medium	Reference Attachment macro would not attach type "EFF" files into Plan/Plan PLN files.	Add "EFF" type into the macro coding of the attach reference macro.	Enhanced (V1.2)	\workspace\programs\vba\openroads\v8i_Attach_Reference.mvba	
CU-10100	*5/13/19	Closed	Medium	New wetlands process for Environmental	Added an element template and made some adjustments to current features for the new wetland process.	Enhanced (V1.2)	\OPENROADS\dgnlib\3MDT_Feature_Definitions_Environmental_Imperial.dgnlib	
CU-10099	05/10/19	Closed	Medium	RW CADD files need maintenance to standardize some text sizes and/or spacing. Two RW Seed files and a cell library need revised.	ROW_Sheets.cel was revised to change text size of "Length" callout to a standard size "30" instead of the "30.758" size previously used. Spacing of text at top of sheet was centered between border and horizontal lines on Title Sheet & Exhibit Title Sheet seed files.	Enhanced (V1.2)	\OPENROADS\cell\ROW_Sheets.cel \SEED\RW_Plans\RWTTL001.dgn \SEED\RW_Plans\RWTTLEXH.DGN	
CU-10098	05/10/19	Closed	Medium	CADD files needed maintenance to improve the UT plan production process. A UT Seed file, a standard reference model, and cell libraries need revised to allow UT plan changes.	"Preliminary" was removed from the stamp for Utility PIH stamp on the RD Title sheet model in RDSHEETS.REF & RD_Sheets.cel. UT cell library was modified so: utility title sheet data fields mimic R/W plans instead of RD plans; Table of Contents heading changed from "Utility Plans" to "Road Plans" and errant dots removed in the text. The UT Title Sheet seed file updated to include changes made to the cell library.	Enhanced (V1.2)	\WORKGROUP\STDREF\RDSHEET.REF \OPENROADS\cell\RD_Sheets.cel \OPENROADS\cell\UT_Plan.cel \SEED\UT_Plans\UTTTL001.dgn	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10097	05/08/19	Closed	Low	The color table attached to the R/W and UT seed files didn't match the standard color table under OPENROADS\Resources\COLOR.TBL	The color table under OPENROADS\Resources\COLOR.TBL was attached to the R/W and UT seed files.	Enhanced (V1.2)	\SEED\RW_Plans**All Files** \SEED\UT_Plans**All Files**	
CU-10096	05/03/19	Closed	Low	Utility project configuration only loaded RD cell libraries.	Utility project configuration was adjusted to also load UT cell files.	Enhanced (V1.2)	\WORKSPACE\CONFIG\MDT_Utilities.PCF	
CU-10094	05/03/19	Closed	Medium	The Save Sheet Views macro and GPK Plan Sheets macros were saving view '100' incorrectly. The save sheet views macro was also producing saved views S1, S2 and S3 rather than RDPLP-1, RDPLP-2 and RDPLP-3.	Both macros were adjusted to save view '100' with all three 100 scale plan sheets in view and the Save Sheet Views macro was edited to use names RDPLP-1, RDPLP-2 and RDPLP-3. Corrected views were attached to seed files.	Enhanced (V1.2)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_PlanSheets_GPK.mvba \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba \SEED\RD_Plans\RDDET001.DGN \SEED\RD_Plans\RDDETADA.DGN \SEED\RD_Plans\RDERO001.DGN \SEED\RD_Plans\RDERT001.DGN \SEED\RD_Plans\RDPLN001.DGN \SEED\RD_Plans\RDPLP010.DGN \SEED\RD_Plans\RDPLP020.DGN	
CU-10093	05/03/19	Closed	Medium	...cont.		Enhanced (V1.2)	\SEED\RD_Plans\RDPLP050.DGN \SEED\RD_Plans\RDPLP100.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	
CU-10092	04/29/19	Closed	High	P_Drainage_Culvert custom line style was missing.	P_Drainage_Culvert custom line style was added.	Enhanced (V1.2)	\OPENROADS\DGNLIB\4MDT_Element_Templates_RD_Imperial.DGNlib	
CU-10091	04/24/19	Closed	Low	Traffic Requested that a feature be created for pavement symbols feature to be picked up by survey	Added a pavement symbols feature to the survey library	Enhanced (V1.2)	\OPENROADS\CELL\SU_Survey.cel \OPENROADS\DGNLIB\1MDT_Feature_Definitions_Survey_Imperial.dgnlib \OPENROADS\DATA\FEATURE_DEFINITIONS\MDT_Survey_Imperial.SMD \OPENROADS\DATA\FEATURE_DEFINITIONS\MDT_Standard_2018.DDB \OPENROADS\DATA\FEATURE_DEFINITIONS\Mdt_Survey.xml	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10090	04/24/19	Closed	Low	Survey point cells origin location is off by 0.000009,0.000006	Moved all survey cells to 0,0	Enhanced (V1.2)	\OPENROADS\CELL\SU_Survey.cel	
CU-10089	04/23/19	Closed	Low	UT seed files needed changes to match design guidance for UT workflow. Cell library needed updated descriptions and additional cells.	Set attributes and added elements for guidance to match the design guidance. Revised cell library.	Enhanced (V1.2)	\SEED\UT_PLANS**All Files** \OPENROADS\CELL\UT_PLAN.CEL	
CU-10087	04/18/19	Closed	Low	DI Converter was a duplicate selection, listed under MDT APPS and Road Tools > File Utilities.	The non-functional DI Converter listed under Road Tools > File Utilities was removed.	Enhanced (V1.2)	\WORKSPACE\INTERFACE\MDT_SS4\interface_Road.dgnlib	
CU-10086	04/15/19	Closed	High	Utility plan seed files have been requested for plan development. Preliminary stamp for Utility Plan in Hand was needed in sheet models for Utility Plans to reference standard reference file. A cell file was developed to support the new workflow also.	Add UTPIH stamp into sheet models. Created seed files in seed directory for UT_Plans and created UT_Plans.cel library.	Enhanced (V1.2)	\WORKGROUP\STDREF\RDSHEET.REF \SEED\UT_PLANS**All Files** \OPENROADS\CELL\UT_PLAN.CEL	
CU-10085	04/15/19	Closed	High	The font in the border on all sheets after the first sheet is engineering regular rather than engineering heavy	Fixed the font to be consistant on all sheets.	Enhanced (V1.2)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
CU-10084	04/15/19	Closed	High	No preliminary stamp option for cross section sheets	Added Preliminary option to macro for cross section sheets. **Note users will need to rerun xs sheets or replace the sheet cells prior to using the preliminary option	Enhanced (V1.2)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba \OPENROADS\CELL\RD_XS.cel	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10083	04/15/19	Closed	High	Attach mapping files macro will not work with XSF files	Added the functionality to attach mapping files to XSF files	Enhanced (V1.2)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Attach_Reference.mvba	
CU-10082	04/10/19	Closed	High	N-WETLNDS2 note was not using correct attributes for line weight, line code, line color, line style. Hatch attributes in element template for temporary impacts were not defined and line style was not set to dashed (style 2).	Updated the N-WETLNDS2 and Default-NOTESR models in the cell library and updated the RD Title Sheet seed file for rural jobs. Added template information to DGNLIB for temporary wetland impact attributes.	Enhanced (V1.2)	\OPENROADS\cell\RD_Notes.cel \SEED\RD_Plans\RDTTL001.DGN \OPENROADS\dgnlib\3MDT_Feature_Definitions_Environmental_Imperial.dgnlib	
CU-10081	04/09/19	Closed	High	Duplicate custom linestyles in lists	Cleaned dgnlibs with multiple custom line style entries	Enhanced (V1.2)	\OPENROADS\DGNLIB\ ***All Files***	
CU-10080	04/03/19	Closed	High	MDT_Level_RW_Filters.dgnlib: Problem – R/W level filters were not correctly sorting levels to turn off for exhibits and other filters	updated DGN library for filter definitions and fixed the RW filters.	Enhanced (V1.2)	\OPENROADS\DGNLIB\MDT_Level_RW_Filters.dgnlib	
CU-10079	03/29/19	Closed	High	Multiple Cells, Details, Standards & folders for MDT Signing Standard changes & updates were needed. New version of guidSIGN 7 Pro.	Modified multiple Cells, Details, Standards & folders for MDT Signing Standard changes & updates. Changes to support new version of guidSIGN 7 Pro.	Enhanced (V1.2)	\WORKGROUP\SISTD	
CU-10077	03/25/19	Closed	High	New version of guidSIGN	Modified the "Signing" menu to activate new version of GuidSign.	Enhanced (V1.2)	\WORKSPACE\INTERFACE\MDT_SS4\interface_Traffic.dgnlib	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10075	03/25/19	Closed	High	MDT_Level_RW_Filters.dgnlib: Problem – R/W level filters were not correctly sorting levels to turn off for exhibits and other filters	updated DGN library for filter definitions and fixed the RW filters.	Enhanced (V1.2)	\OPENROADS\DGNLIB\MDT_Level_RW_Filters.dgnlib	
CU-10074	03/25/19	Closed	High	RWPLN.DGN: Problem – RW standard committee desires to remove Remainder column from ownership blocks / RWOWN.DGN: Problem – RW standard committee desires to remove Remainder column from ownership blocks	Removed remainder columns and redistributed space into Owner and Address columns. / Removed remainder columns and redistributed space into Owner and Address columns.	Enhanced (V1.2)	\SEED\RW_PLANS\RWPLN.DGN \SEED\RW_PLANS\RWOWN.DGN	
CU-10073	03/25/19	Closed	High	RWPLN.DGN: Problem – RW standard committee desires to remove Remainder column from ownership blocks	Removed remainder columns and redistributed space into Owner and Address columns.	Enhanced (V1.2)	\SEED\RW_PLANS\RWPLN.DGN	
CU-10072	03/21/19	Closed	High	ROW_Sheets.cel: Problem – Ownership data fields for ownership sheet and 7-line Plan sheet needed to be updated to meet changes to the Ownership blocks	Removed unnecessary data fields	Enhanced (V1.2)	\OPENROADS\CELLS\ROW_Sheets.cel	
CU-10070	03/20/19	Closed	High	Wetland note cell needs revised. Font size needs adjusted for consistency.	Changed the text size in the wetlands note cell for consistency and updated the Title sheet seed file	Enhanced (V1.2)	\OPENROADS\CELL\ROW_Plan.CEL \OPENROADS\SEED\RD_PLANS\RDTTL001.DGN \OPENROADS\SEED\RD_PLANS\RDTTLURB.DGN	
CU-10069	03/20/19	Closed	High	DP Save macro for R/W has several issues when running in the Enhanced workspace. DP save also needs to support civil geometry features.	Fixed misc issues and added functionality to support Civil Geometry labeling within the enhanced workspace.	Enhanced (V1.2)	\OPENROADS\CELL\ROW_Plan.CEL \OPENROADS\DGNLIB\2MDT_Feature_Definitions_ROW_Imperial.dgnLIB \OPENROADS\PROGRAMS\VBA\v8i_RWLABELER.MVBA \OPENROADS\PROGRAMS\VBA\DPSAVE.csv \WORKSPACE\INTERFACE\interface_Road.dgnlib \WORKSPACE\INTERFACE\interface.dgnlib	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10068	03/20/19	Closed	High	Survey element templates are duplicated in the project settings library	Removed the duplications	Enhanced (V1.2)	\OPENROADS\DGNLIB\MDT_Project_Settings_3D_Imperial.dgnlib	
CU-10067	03/20/19	Closed	High	There are some empty element template catagories in the Hydraulics list that should not be there.	Deleted the empty Hydraulics Element Template folders in the Hydraulics DGNLIB	Enhanced (V1.2)	\OPENROADS\DGNLIB\MDT_Feature_Definitions_Hydraulics_Imperial.dgnlib	
CU-10066	03/20/19	Closed	High	Hydraulics asked if there is a solution to assist them in adding hydraulics standard details to their detail sheets	Added n macro interface to the Road>Detail Sheets macros that allows the designer to pick and choose what details go into the 3 sheets.	Enhanced (V1.2)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Attach_Reference.mvba \WORKSPACE\CONFIG\MDT_Hydraulics.PCF \WORKSPACE\CONFIG\MDT_Road_2018.PCF \WORKSPACE\INTERFACE\interface_Road.dgnlib \WORKSPACE\INTERFACE\interface.dgnlib \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Attach_Reference.mvba	
CU-10065	03/20/19	Closed	High	Hydraulics has been using the Road Design Macro for creating their files and then changing the RD to HY after the file is created.	Added the option to have the macro create the files using the HY workgroup if the user is in the Hydraulics workspace.	Enhanced (V1.2)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba \WORKSPACE\CONFIG\MDT_Hydraulics.PCF \WORKSPACE\CONFIG\MDT_Road_2018.PCF	
CU-10064	03/12/19	Closed	High	Engineers Title Block For consultant design missing from title sheet.	Added the Consultant title block to the MDT Sheets ref file	Enhanced (V1.2)	\workgroup\stdref\RDSHEET.REF	
CU-10063	03/04/19	Closed	Low	Spelling mistake on ADA detail sheet. Sheets 1 and 2 of the file have an equal note, but sheet 3 is missing an "s" in the "devices" note	Fixed spelling on sheet 3 of the ADA detail seed file	Enhanced (V1.2)	\OPENROADS\cell\RD_Sheets.cell \workgroup\stdref\RDSHEET.REF \SEED\RD_Plans\RDDETADA.DGN	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10062	02/14/19	Closed	High	No file documentation was provided when R/W levels were updated and Feature Definitions were added.	Revised R/W Levels and Feature Definitions were added 9/20/2018.	Enhanced (V1.2)	\OPENROADS\dgnlib\2MDT_Feature_Definitions_ROW_Imperial.dgnlib	
CU-10061	02/07/19	Closed	Low	Need config variable added for survey processing to keep civil survey data intact when merging survey data into other files.	Added the following config variable for survey CIVIL_SURVEY_RETAIN_SURVEY_ON_COPY = 1	Enhanced (V1.2)	\WORKSPACE\CONFIG\MDT_OPENROADS.UCF	
CU-10060	02/05/19	Closed	Low	Road>Active file Settings>Place Datafields macro placing datafields for all project information.	Changed the datafields cell being placed to only place data fields for the designblock information. All other sheet information is placed with plain text using the sheet labler macro.	Enhanced (V1.2)	\OPENROADS\DGNLIB\v8i_Create_RDMAP_Files.mvba	
CU-10059	02/05/19	Closed	Low	Dimension Lines styles arrows get replaced when search replace text is used to replace the letter A in a design file	Changed the Road-E dimenstion style to use terminator cell for arrows. Deleted the old dimension styles from standards.	Enhanced (V1.2)	\OPENROADS\DGNLIB\MDT_Text_Styles_Dimensions_3D_Imperial.dgnlib \Deleted OPENROADS\DGNLIB\DIMSTYLESENG.dgn	
CU-10058	02/05/19	Closed	Low	Missle cable features has issue with element template assignments.	Removed the none from one element template setting and reassigned the plan view element template	Enhanced (V1.2)	\OPENROADS\DGNLIB\1MDT_Feature_Definitions_Survey_Imperial.dgnlib	
CU-10057	02/05/19	Closed	Low	Linking code for CL missing asterix in project settings	Added the astrix to the linking code settings for CL	Enhanced (V1.2)	\OPENROADS\DGNLIB\MDT_Project_Settings_3D_Imperial.dgnlib	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10056	01/31/19	Closed	Low	ref Checker Errors off on HYALN file class	Added HYALN Hydraulics Alignment File to the excel file class data base	Enhanced (V1.2)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_File_Info.csv	
CU-10055	01/17/19	Closed	Low	From Trevin Please update CADDSTD and CADDTEST with the following file on CADDDEV.	Copied file to caddtestor and caddstdor	Enhanced (V1.2)	\WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\BRSTDSLT.DGN \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\SLT092518.STD	
CU-10054	01/09/19	Closed	High	No Geometric Levels in Enhanced workspace project.	Add new Traffic Geometrics Level DGNLIB to Geometric configuration	Enhanced (V1.2)	\WORKSPACE\CINFIG\MDT_TR_Safety_2018.PCF \OPENROADS\DGNLIB\MDT_Traffic_Geometrics_2019.dgnlib	
CU-10053	01/07/19	Closed	Low	From Trevin Please update CADDSTDOR and CADDTESTOR with the following file on CADDDEVOR	Copied file to caddtestor and caddstdor	Enhanced (V1.2)	\WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\B4022515.STD \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\MTS052014.STD \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\PSD013015.STD \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\SL8031517.STD \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\SLT030514.STD \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\W740031517.ST \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\W830031517.ST	moved to
CU-10052	01/07/19	Closed	Low	From Trevin Please update CADDSTDOR and CADDTESTOR with the following file on CADDDEVOR	Copied file to caddtestor and caddstdor	Enhanced (V1.2)	\WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\BRSTD740.DGN \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\BRSTD830.DGN \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\BRSTDMTS.DGN \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\BRSTDPSD.DGN \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\BRSTDSL8.DGN \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\BRSTDSLT.DGN \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\BRSTDXB4.DGN	
CU-10051	01/07/19	Closed	Low	From Trevin Please update CADDSTDOR and CADDTESTOR with the following file on CADDDEVOR	Copied file to caddtestor and caddstdor	Enhanced (V1.2)	\WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\B4010219.STD \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\MTS122718.STD \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\PSD122718.STD \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\SL8123118.STD \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\SLT092518.STD \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\W740122818.ST \WORKGROUP\BRSTD\BR_STD_DWG\ENGLISH_STD_DWG\ENGLISH_REF\W830122818.ST	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10050	01/07/19	Closed	Low	From Trevin Please update CADDSTDOR and CADDTESTOR with the following file on CADDDEVOR	Copied file to caddtestor and caddstdor	Enhanced (V1.2)	\WORKGROUP\BRSTD\STDDWGBDR030718.REF	
CU-10048	12/12/18	Closed	High	The note below the summary frame in the hydraulic standard drawings for Reinforced Concrete Box Culverts (RCB) with Wingwalls required the cost for the geocomposite strip drain to be included in the RCB.	The note was updated in the standard drawings.	Enhanced (V1.2)	\WORKGROUP\HYSTD\Detailed_Drawing\HYDRAULICS_STD_DWG.pdf \WORKGROUP\HYSTD\Detailed_Drawing\RCB_DBL_TAPERED_WINGWALLS.dgn \WORKGROUP\HYSTD\Detailed_Drawing\RCB_DBL_TAPERED_WINGWALLS.pdf \WORKGROUP\HYSTD\Detailed_Drawing\RCB_DBL_WINGWALLS.dgn \WORKGROUP\HYSTD\Detailed_Drawing\RCB_DBL_WINGWALLS.pdf \WORKGROUP\HYSTD\Detailed_Drawing\RCB_TAPERED_WINGWALLS.DGN \WORKGROUP\HYSTD\Detailed_Drawing\RCB_TAPERED_WINGWALLS.pdf \WORKGROUP\HYSTD\Detailed_Drawing\RCB_WINGWALLS.dgn \WORKGROUP\HYSTD\Detailed_Drawing\RCB_WINGWALLS.pdf	
CU-10046	12/17/18	Closed	High	Engineers Title Sheet Change	Added James Combs engineer seal to the tile sheet	Enhanced (V1.2)	\workgroup\stdref\rdsheet.ref \seed\Rd_Plans\RDTTL001.DGN \seed\Rd_Plans\RDTTLURB.DGN \WORKSPACE\PROGRAMS\VBA\OPENROADS\v8i_Create_RDMAP_Files.mvba	
CU-10045	12/11/18	Closed	High	XS Sheet design by text in wrong column	Moved text in cell to proper column.	Enhanced (V1.2)	\openroads\cell\RD_XS.cel	
CU-10044	12/11/18	Closed	High	Crosssection sheet cell using wrong sheet cel for openroads xs sheets.	Changed Openroads xs sheet cell setting to use cell without grid	Enhanced (V1.2)	\openroads\MDT_SHEETS_CROSS_SECTIONS.xssl	
CU-10043	12/10/18	Closed	High	Civile Survey settings setup	Changed Survey linking code setting as requested by envision cadd	Enhanced (V1.2)	\openroads\dgnlib\MDT_Project_Settings_3D_Imperial.dgnlib	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10042	12/05/18	Closed	High	Civile Survey settings setup	Completed various survey feature settings edits	Enhanced (V1.2)	\openroads\dgnlib\1MDT_Feature_Definitions_Survey_Imperial.dgnlib \openroads\dgnlib\MDT_Project_Settings_3D_Imperial.dgnlib \openroads\dgnlib\MDT_Level_Filters_3D.dgnlib \openroads\data\feature_definitions\MDT_Survey_Imperial.SMD \openroads\data\feature_definitions\Mdt_Survey.xml \openroads\cell\SU_Survey.cel	
CU-10041	11/28/18	Closed	High	From Trevin Please update CADDSTDOR and CADDTESTOR with the following folders on CADDDEVOR	Copied files to caddtestor and caddstdor	Enhanced (V1.2)	\workgroup\brstd\BR_STD_DWG\PDF*.*	
CU-10040	11/26/18	Closed	High	The hydraulic standard drawings for RCB Culverts with Wingwalls have been updated. The material behind the wingwalls was changed to special backfill and a note added to include geocomposite strip drains at wingwall weep holes. The reason is to simplify construction, quantities, and measurement/payment by utilizing special backfill for both	RCB and the material behind the wingwalls. The quantity of special backfill behind the wingwall is noted in the detail as being included in the cost of the RCB to negate the need to calculate a complex volume behind the wingwall (tapered geometry and interaction with special backfill specified for the RCB).	Enhanced (V1.2)	\workgroup\hystd\detail_drawings*.*	
CU-10039	11/26/18	Closed	High	Road Centerline coordinate table not activating menu	Made vba macro name unique and fixed the interface to call the new name	Enhanced (V1.2)	\WORKSPACE\INTERFACE\MDT_SS4\interface.dgnlib \WORKSPACE\PROGRAMS\VBA\OpenRoads\v8i_CoGoFrame.MVBA	
CU-10038	11/12/18	Closed	High	Enhanced Hydraulics details need the custom linestyles updated	The enhanced hydraulic drawings have been updated to address the custom linestyle issue noted below. Additionally, all the text and dimensions in the details were changed so they are not annotated. Minor revisions/corrections were made to the details as well.	Enhanced (V1.2)	\workgroup\hystd\detail_drawings*.*	
CU-10037	11/12/18	Closed	High	The DMS link in the MDT Apps pulldown does not work	Added the S afer http to get the link to work properly	Enhanced (V1.2)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_SmartObjects.mvba	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10036	10/30/18	Closed	High	Survey Features VBA Needs updating for Culverts	Synced VBA file to production drive	Enhanced (V1.2)	\WORKSPACE\PROGRAMS\VBA\OPENROADS\MDT_SmartObjects.mvba	
CU-10035	10/30/18	Closed	High	Minor issues with Template features settings	Synced Excel file with feature settings	Enhanced (V1.2)	\OPENROADS\dgnlib\MDT_Feature_Definitions_3D_Templates_Imperial.dgnLIB	
CU-10034	10/30/18	Closed	High	Minor issues with Bentleys deliverd terrain element template settings	Rebuilt all the terrain element templates and set accordingly. Removed unused Terrain features and added terrain features for site modeling	Enhanced (V1.2)	\OPENROADS\dgnlib\MDT_Feature_Definitions_3D_Terrains_Imperial.dgnLIB \OPENROADS\dgnlib\MDT_Level_Filters_3D.dgnlib	
CU-10033	10/29/18	Closed	High	DP Save Not Working	Renamed dpsave module and run code name to be unique. There was a conflict with Module names and other macro	Enhanced (V1.2)	\workspace\programs\vba\openroads\v8i_DPSAVE.MVBA \workspace\interface\MDT_SS4\interface.dgnlib \workspace\interface\MDT_SS4\interface_Road.dgnlib	
CU-10032	10/24/18	Closed	Low	Need Feature setup for existing ground at centerline of new roadway	Added feature,element template,level, and point name for labeling existing ground elevation at centerline	Enhanced (V1.2)	\openroads\dgnlib\MDT_Feature_Definitions_3D_Templates_Imperial.dgnlib \openroads\data\template_library\mdt_civil_templates_imperial_2018.itl	
CU-10031	10/11/18	Closed	Low	Electrical Attached Cell library list	Modified Electrical config file to edit the list of attached cell libraries for traffic	Enhanced (V1.2)	\workspace\config\MDT_TR_Electrical.PCF	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10030	09/17/18	Closed	High	Need features for Riprap, Bedding & Foundation Materials	Added the levels, element templates, and itl templates for Riprap and box culvert	Enhanced (V1.2)	\openroads\dgnlib\MDT_Feature_Definitions_3D_Templates_Imperial.dgnlib \openroads\data\template_library\mdt_civil_templates_imperial_2018.itl	
CU-10029	09/17/18	Closed	High	Need Drafting Features For Curb Face AND Sidewalk Breaks	Added Levels, Element Templates & Features to DGNLIB	Enhanced (V1.2)	\openroads\dgnlib\MDT_Feature_Definitions_3D_Geometry_Imperial.dgnlib	
CU-10028	09/12/18	Closed	High	Supported survey file types list is large and has a lot of file types not used by MDT	Worked with survey to trim down the supported survey file types	Enhanced (V1.2)	\openroads\dgnlib\MDT_Project_Settings_3D_Imperial.dgnlib	
CU-10027	09/12/18	Closed	High	Level Attributes need updating on ownership dots.	updated files as needed	Enhanced (V1.2)	\seed\rw_plans\RWPLN.dgn \openroads\cells\ROW_Sheets.cel	
CU-10026	08/29/18	Closed	High	Geopak plansheet macro does not support traffic signing mapping files reference attachment settings	Added the traffic simap class so that the macro can set the reference attachment information accordingly.	Enhanced (V1.2)	\workspace\programs\vba\openroads\v8i_PlanSheets_GPK.mvba	
CU-10025	08/29/18	Closed	High	Geometrics ehanced workspace development does not load 2018 configuration	Traffic Geometrics is now using the same config setup as traffic safety	Enhanced (V1.2)	\workspace\config\MDT_Traffic_Geometrics.pcf	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10024	08/29/18	Closed	High	Geometrics has No civil task menu	removed gui config variables from the electrical project pcf file and added the traffic interface as a dgnlin list varaible.	Enhanced (V1.2)	\workspace\config\MDT_Traffic_Electrical.pcf	
CU-10023	08/26/18	Closed	High	No features for propsed guradrail	Added design line features for proposed guardrail	Enhanced (V1.2)	\OPENROADS\DGNLIB\MDT_Feature_Definitions_3D_Geometry_Imperial.dgnlib	
CU-10022	08/23/18	Closed	High	Survey Element templates not working in RW workspace	Added survey dgnlib to RW workspace	Enhanced (V1.2)	\WORKSPACE\config\MDT_RightOfWay.PCF	
CU-10021	08/23/18	Closed	High	Reference macro does not support ROALN file	Added ROALN file type to the file database	Enhanced (V1.2)	\WORKSPACE\PROGRAMS\VBA\OpenRoads\MDT_File_Info.csv \WORKSPACE\PROGRAMS\VBA\OpenRoads\v8i_PlanSheets_GPK.mvba	
CU-10020	08/21/18	Closed	High	Cross section sheets placing wrong cell	Deleted the old xs sheet cell from the resheet.ref and rd_sheets.cel file.	Enhanced (V1.2)	\WORKSPACE\PROGRAMS\VBA\OpenRoads\v8i_Create_RDMAP_Files.mvba \WORKGROUP\STDREF\RDSHEET.REF \OPENROADS\cell\RD_Sheets.cel	
CU-10019	08/21/18	Closed	High	RW Baseline stationing for large TICS on wrong level when using 50 scale	Changed D&C Manger setting for 50 scale stationg on TICS	Enhanced (V1.2)	\OPENROADS\data\feature_definitions\MDT_Standard_2018.DDB	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10018	08/07/18	Closed	High	Survey workspace development	Changed various settings in survey related files for processing survey data. Added macro to run when features are processed	Enhanced (V1.2)	\openroads\data\feature_definitions\Mdt_Survey.xml \openroads\data\feature_definitions\MDT_Survey_Imperial.SMD \WORKSPACE\CONFIG\MDT_Survey_English.PCF \WORKSPACE\CONFIG\MDT_OPENROADS.UCF \openroads\dgnlib\1MDT_Feature_Definitions_Survey_Imperial.dgnlib \openroads\dgnlib\MDT_Project_Settings_3D_Imperial.dgnlib \openroads\dgnlib\Terrain_Model_Filters_3D_Imperial.dgnlib \WORKSPACE\CELL\SU_Survey.cel \workspace\programs\vba\openroads\MDT_SmartObjects.mvba	
CU-10017	08/07/18	Closed	High	...cont.		Enhanced (V1.2)	\openroads\cells\RD_3D.cel	
CU-10016	08/07/18	Closed	Medium	Raster Logicals were inncorrect	Fixed raster logicals	Enhanced (V1.2)	\workgroup\stdref\mt_raster\MDT_Raster_Image_Basemap.dgn	
CU-10015	08/07/18	closed	Medium	sue cells change when modified	attached SUE drainage cel library in SUE pcf file	Enhanced (V1.2)	\workspace\config\MDT_SUE.pcf	
CU-10014	08/07/18	closed	Medium	Setting seedfile by default	Added if then staement to user config to set seed file by workgroup	Enhanced (V1.2)	\workspace\config*.*	All files in folder
CU-10013	08/02/18	Closed	Medium	Alignment Features not assigning the correct element attributes when setting civil features on alignments	Added the geometry dgnlib to ROWS configuration	Enhanced (V1.2)	\WORKSPACE\CONFIG\MDT_RightOfWay.PCF	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10012	08/01/18	Closed	Medium	Geopak placing wrong XS sheet configuratio in layout file.	Removed the xs sheet model from the road sheet ref file. XS Sheets are in the RD_XS.cel library.	Enhanced (V1.2)	\workgroup\stdref\rdsheet.ref	
CU-10011	08/01/18	Closed	Medium	Cannot use 2015 or 2017 sid files.New process for attaching state library raster images	Copied Files needed for raster images to be used in DGN files to standards	Enhanced (V1.2)	\workspace\programs\vba\openroads\v8i_Attach_Reference.mvba \workgroup\stdref\MT_Raster*.* \OPENROADS\Resources\WmsServerList_MDT.xml \WORKSPACE\CONFIG\MDT_OPENROADS.UCF \WORKSPACE\INTERFACE\MDT_SS4\interface.dgnlib	
CU-10010	08/01/18	Closed	Hign	We made some minor updates to our RCB with wingwalls standard drawings.	Please replace the current folder in CaddStd & CaddstdOR	Legacy & Enhanced (V1.2)	\workgroup\hystd\detail_drawings*.*	Replaced all files in folder specified
CU-10009	07/31/18	Closed	Low	Text styles missing in the default frames spreadsheet.	Applied text styles to fonts where needed.	Enhanced (V1.2)	\CaddStandards\Common\RDSTD\EXCEL\Default_Frames\FRAMES_DEFAULT.xlsx	
CU-10008	07/31/18	Closed	High	Traffic Macros missing from interface.	Added the traffic macros interface DGNLIB to the Traffic PCF file. Removed the traffic macro interface code from the MDT Openroads.UCF as this is set in the traffic signing project.	Enhanced (V1.2)	\WORKSPACE\CONFIG\MDT_TR_Signing.PCF \WORKSPACE\CONFIG\MDT_OPENROADS.UCF	
CU-10007	07/31/18	Closed	High	Utiltities PCF has no configuration settings.	Added code to include the Road_2018 project config variables when the utilites project is selected. This exposes the same configuration that road design uses.	Enhanced (V1.2)	\WORKSPACE\CONFIG\MDT_UTILITIES.PCF	

MDT ENHANCED OPENROADS CADD FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Workspace	Files	Remarks
CU-10006	07/30/18	Closed	Low	We no longer use the excell cost estimate spread sheet	Removed the create Excel Estimate from the road tools pull down.	Enhanced (V1.2)	\WORKSPACE\INTERFACE\MDT_SS4\interface.dgnlib \WORKSPACE\INTERFACE\MDT_SS4\interface_Road.dgnlib	
CU-10005	07/30/18	Closed	Low	Excel QMG File help macro link is broken for adobe windows 10 installation path	Added config variable for win 10, added check for windows version and set adobe install path accordinaly.	Enhanced (V1.2)	\CaddStandards\Common\RDSTD\EXCEL\XXXXXXXRDQMG002.xlsm	This required the macro code to be updated on all existing files in order to work. Should be good on all new files
CU-10004	07/30/18	Closed	Low	Stephanie Brandenbergers Title sheet seal has the Hignways Engineer label for her seal.	Changed the label to Bridge Engineer. Also Added the option to the Active file settings macro to turn Stephanie's Seal on and Off through the macro.	Enhanced (V1.2)	\workgroup\stdref\rdsheet.ref \openroads\cell\rd_sheet.cel \workspace\programs\vba\openroads\v8i_Create_RDMAP_Files.mvba	This required an update to the Docuplot plotting standards.
CU-10003	07/26/18	Closed	High	Traffic signing is missing the Openroads Task Menu	Added the custom task manager tools to Traffic & Signing configuration file.	Enhanced (V1.2)	\workspace\config\MDT_TR_Signing.PCF	
CU-10002	07/24/18	Closed	High	When changing the drawing scale in the Traverse sheet the CSF text scales and it should not have annotation scale applied	Changed the CSF text annotation setting in the N-CDGPS cell to false. Replaced the cell in the Traverse seed file for creating DGN's	Enhanced (V1.2)	\openroads\cell\rd_notes.cel \seed\rd_plans\RDTRVGPS.DGN	
CU-10001	07/24/18	Closed	High	When Using the CPB labler if the user has annotation scale on the sheet text gets placed with annotation scale. If the user changes the drawing scale the sheet text changes and it shouldn't.	Changed the CPB labler macro to turn annotation scale off before placing sheet text.	Enhanced (V1.2)	\workspace\programs\vba\openroads\v8i_Create_RDMAP_Files.mvba	