MDT EXCEL MANAGER FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Functional Group (WS)	Files	Remarks
EM-10030	01/04/24	Closed	Low	Arial font summary frame content has not been updated since June 2020.	Arial font summary frame content has been archived to mitigate accidental use of outdated information. Engineering font summary frame content replaces use of Arial font content.	Road Design QMG (V9.0)	\ExcelManager\RoadDesign\Summary_Frames_Arial**ALL FILES** \ExcelManager\RoadDesign\Summary_Frames_Arial	Deleted Deleted
EM-10029	01/02/24	Closed	Low	Checker crew and RD management requested updates	Removed the period in TURF in frame and examples in GRADE_TOPSOIL_SEEDING. Created a new summary frame: "NOTES_APPROACHES_COMMERCIAL" for engineering and arial and updated some items and comments in these frames. Updated guidance in commercial surfacing frames. Addressed some rouding guidance for matching special totals for items: hand rail, pedesrian rail, new metal guardrail, intersecting roadway terminal section, temporary metal guardrail. Updated the following examples for some minor formatting improvements: topsoil & seeding, guardrail	Road Design QMG (V9.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\GRADE_TOPSOIL_SEEDING.PDF \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\BARRIER_GUARDRAIL.PDF \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\SURF_OVERLAY_ADD_SURFACING.PDF \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\SURF_OVERLAY.PDF \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\EROSION_PERMANENT_EROSION_CONTR	new summary frame
EM-10028	02/13/23	Closed	Low	Road Design Engineer and Checkers requested update to summary frames and examples	Removed the "GR-S" for each plant mix bid item in the following surfacing frames: SURF_OVERLAY SURF_OVERLAY_ADD_SURFACING SURF_OVERLAY_VOLUMETRIC SURF_OVERLAY_VOL_ADD_SURFACING SURF_RECON_SURFACING SURF_RECON_ADD_SURFACING SURF_RECON_SURFACING_CTB SURF_RECON_ADD_SURFACING_CTB Examples for each frame above plus comm. mix frames were updated, included the name change. Other MSCR updates are to come in 2024. Asphalt Cement items included in the MSCR name change. Also a new example to show scrub seal for SURF_OVERLAY & SURF_OVERLAY_ADD_SURFACING The MISC_LANDSCAPING example was updated to fix a spelling error The SURF_RECON_ADD_SURFACING example link name was updated Added to comment to T6 in DRAINAGE_CULVERTS frame to discuss use of CULVERT INFILL vs RIPRAP INFILL. Added same comment to V7 in DRAINAGE_CULVERTS_OPT frame Added comment to E6 in DRAINAGE_CULVERTS_OPT frame to discuss use of BASIC BID ITEMS Updated NOTES_APPROACHES example to include a second example frame	Road Design QMG (V8.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples**Mulitple Files**	
EM-10027	06/28/22	Closed	Low	Engineering contract specialist requested a summary frame to show contract adjustments for as-builts. Other examples need cleaning up as well.	Created two new summary frames and associated examples: MISC_BID_ITEMS and MISC_CONTRACT_ADJUSTMENTS Updated SURF_RECON_SURFACING.pdf and GRADE_TOPSOIL_SEEDING.pdf examples	Road Design QMG (V7.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\MISC_BID_ITEMS.PDF \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\MISC_CONTRACT_ADJUSTMENTS.PDF \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\SURF_RECON_SURFACING \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\GRADE_TOPSOIL_SEEDING.PDF	new summary frames new example new example

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EM-10026	02/24/22	Closed	Low	Checker crew recommended matching summary frames items to cost estimate bid items	Updated the Surfacing Summary Frames in the QMG file to show "EMULSIFIED ASPHALT _ _ " instead of "SEAL CRS-_ _". The column width was also adjusted to match the EMULSIFIED ASPHALT TACK column width of 17 for better text spacing. A note with an example was also added to these cells.	Road Design QMG (V7.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx	
EM-10025	01/06/22	Closed	Low	Checker crew recommended adding a comment to SURF_TREAT_RUMBLE_STRIPS frame. Checker Crew recommended adding comment to Surfacing Frames in regards to Misc. Paving items	Comment added to EMULSIFIED ASPHALT FOG SEAL item on the SURF_TREAT_RUMBLE_STRIPS frame. Comment added or updated with a link for Plant Mix Items in Surfacing frames to refer to 6/26/19 Memo from J. Combs on "New Plant Mix Items for Miscellaneous Paving"	Road Design QMG (V6.3)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx	
EM-10024	11/30/21	Closed	Low	Checker crew recommended adding an example to the GRADE_DIGOUT summary frame	An additional example was added to the GRADE_DIGOUT summary frame	Road Design QMG (V6.2)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\GRADE_DIGOUT.PDF	
EM-10023	11/08/21	Closed	Medium	Marc Wotring recommended changing drop inlet frame and grate to TYPE 1/3 and TYPE 5/6. Checker crew met with surfacing design and made notes about the scrub seal special provision. Comments were added for more clarification for designers. Road Design Quantity manager also noticed discrepencies in the Notes_Approaches frame that needed updates	For the STORM_DRAIN_STRUCTURES frame, the types of DROP INLET FRAME & GRATE were changed Added and new item of SCURBSEAL EMULSION and comments to SURF_OVERLAY & SURF_OVERLAY_ADD_SURFACING For NOTES_APPROACHES: right align Station for Farm field, fix UOM for emuls. asph. tack	Road Design QMG (V6.2)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx	
EM-10022	04/15/21	Closed	Low	Road Design Section Supervisor suggested edits to the Wetland Delineation Table Example Summary Frame	The NOTES_WETLAND_DELINEATION.pdf example was updated in the Examples folder to include names of some drainages	Road Design QMG (V5.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\NOTES_WETLAND_DELINEATION.pdf	
EM-10021	03/04/21	Closed	Low	Marc Wotring also recommended changing to type 1/3	Removed border from Cell S9 on SURF_TREAT_PULVERIZATION sheet	Road Design QMG (V5.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx	

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EM-10020	03/04/21	Closed	Medium	When names of a few summary frames were updated, the hyperlinks were not changed. Also, an example in the folder had a mistake.	Hyperlinks were updated to direct user to appropriate example summary frame for the following summary frames: DRAINAGE_SUBSURFACE GRADE_BLASTING SURF_OVERLAY_VOL_ADD_SURFACING SURF_TREAT_RUMBLE_STRIPS STORM_DRAIN_PIPE STORM_DRAIN_STRUCTURES The following Example was updated: MISC_ITEMS	Road Design QMG (V5.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\MISC_ITEMS	
EM-10019	03/03/21	Closed	Low	Checker Crew requested new Summary Frame Examples and updates to the Summary Frames	Each summary frame received at least one new hand-picked example from the checker crew. The new pdfs were added to the Example folder, some containing multiple examples in the same pdf. The following frames also received edits: CONC_CURB(1) - "#" Moved to end of REMOVE CURB AND GUTTER bid item name EROSION_EMB_PROTECTORS - subtotal formulas updated NOTES_APPROACHES - added column D for STATION column, updated comment in E6, added FARM FIELD subtotal row NOTES_WETLAND_DELINEATION - adjusted cell style for WETLAND DESIGNATION to TextRemark, adjusted comment I7 STRUCTURE_RETAINING_WALL_1 - adjust unit of measure for linear feet columns to Entry_1Dc, add row below notes for print frame SURF_OVERLAY_ADD_SURFACING_1 - added comment to K6 SURF_OVERLAY_VOLUMETRIC - removed space before "inches" symbol for PLANT MIX and added "BIT." surf. In item label for PLANT MIX GR. S-__" and GR. S - MISC., and increased width of GR.S-__" column to 17 SURF_OVERLAY_VOL_ADD_SURFACING - added "HYDRATED LIME" column with "~" for TOTAL, added "BIT." surf. in item label for PLANT GR. S - MISC. and change colum SURF_OVERLAY_COM_ADD_SURFACING - adjusted cell style in "for" column to be TextRemark, added comment in K6, fixed FRAME area for MicroStation link SURF_RECON_ADD_SURFACING - added comment to K6 SURF_RECON_ADD_SURFACING_CTB - added comment to K6 SURF_RECON_SURFACING_CTB_1 - fixed sum for Emulsified asphalt tack on all surfacing frames SURF_TREAT_PULVERIZATION - adjusted frame to look like cold miling frame, include multiple depths in columns, adjusted coment in I6 TRAFFIC_CONTROL - added more rows, adjusted borders so that have all necessary borders in the "TO" colummn when choose to insert UTILITY_STORM_DRAIN_PIPE - changed name of frame to STORM_DRAIN_PIPE, edited comment C5, updated pipe materials UTILITY_STORM_DRAIN_STRUCTURES - changed name to STORM_DRAIN_STRUCTURES, edited comment C5 UTILITY_WATER_LINE - added INSULATION item and 2" label on WATER SERVICE item	Road Design QMG (V5.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Examples**All Files** \ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx	changed frame name changed frame name
EM-10018	01/25/21	Closed	Low	The Frames Path (cell B35) data validation error isn't specific: "This value doesn't match the data validation restrictions defined for this cell." The Road Design QMG help document doesn't include any guidance on updating the Frames Path.	The Frames Path data validation error was edited to be more specific: "Please modify the path in the cell above, then use the drop down." The Road Design QMG help document was edited to include guidance on updating the Frames Path.	Road Design QMG / Bridge (V4.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\QUANTITY_MANAGER_Engr.pdf \ExcelManager\RoadDesign\Summary_Frames_Engr\XXXXXXXRDQMG002.xlsm \ExcelManager\BridgeDesign\XXXXXXXXBRDSN001.xlsm	

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EM-10017	01/12/21	Closed	Low	A compile error occurs when initiating the QMG files or macros with Microsoft Office 64 bit versions.	All macro code api arguments declaration were converted to x64 for applicable QMG files.	Road Design QMG (V4.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\XXXXXXXRDQMG002.xlsm \ExcelManager\BridgeDesign\XXXXXXXXBRDSN001.xlsm	
EM-10016	12/30/20	Closed	Low	Checker Crew requested numerous updates to the Summary Frames Library	Many new comments and various edits have been added to frames starting with SURF_PCCP_CRACK_REPAIRS and ending with UTILITY_WATER_LINE. SURF_PCCP_CRACK_REPAIRS - REMOVE FRAME SURF_PCCP_PANEL_REPAIRS - REMOVE FRAME SURF_CRACK_SEALING - added comment to C5, K6 SURF_OVERLAY - added comment to C5,L7,O8,P8,T8,V8 SURF_OVERLAY_ADD_SURFACING - added comment to C5 SURF_OVERLAY_VOLUMETRIC - added comment to C5, T7, Q8, S8 SURF_OVERLAY_VOL_ADD_SURFACING - added comment to C5, R7, L8, M8, Q8 SURF_OVERLAY_COMMERCIAL - added comment to C5,M7,Q7,P8,Q8, also changed Q6 cell name SURF_OVERLAY_COM_ADD_SURFACING - added comment to C5,P7,M8, P8, also P6 cell name SURF_RECON_SURFACING - added comment to C5, P7, S8, also removed CR TOP SURF and CR BASE COURSE items, also added PLANT MIX SURF. GR. S MISC. SURF_RECON_ADD_SURFACING - added comment to C5, P7, O8, S8, also removed CR TOP SURF and CR BASE COURSE items, also added PLANT MIX SURF. GR. S SURF_RECON_SURFACING_CTB - added comment to C5, M7, O7, T8 SURF_RECON_ADD_SURFACING_CTB - added comment to C5, O7, T8 SURF_TREAT_BIT_PVMT_REMOVAL - added comment to C5, also changed name of cell G7 SURF_TREAT_COLD_MILLING - added comment to C5 SURF_TREAT_OBLITERATE_ROADWAY -added comment to C5, also added a new note below SURF_TREAT_PAVE_MARKINGS - added comment to C5, C6, E6, C17, C19, also adjusted name in cell D17 SURF_TREAT_PULVERIZATION - added comment to C5 SURF_TREAT_RUMBLE_STRIPS - added comment to C5, H8 TRAFFIC_CONTROL - added comment to C5, also changed name of cell H7 UTILITY_ADJUST_WATER_VALVE_BOX - added comment to C5, E6, E7, also changed names of cells E7 & G7 UTILITY_MANHOLES - added comment to C5, G6 UTILITY_STORM_DRAIN_PIPE - added comment to C5, F6, J7 UTILITY_STORM_DRAIN_STRUCTURES - added comment to C5, F6, H7, U7, also adjusted names items for the following cells: H7, H8, M7, N7, Q7, J8, H10, I10, N10, O10, UTILITY_WATER_LINE - added comment to C5, M7, also adjusted names of cell G7 & T10 and removed columns Q & R	Road Design QMG (V4.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx	
EM-10015	12/02/20	Closed	Low	Checker Crew requested numerous updates to the Summary Frames Library	added to frames starting with BARRIER_CATTLE_GUARDS and ending with STRUCTURE_STOCKPASS: BARRIER_CATTLE_GUARDS - added comments to Heading & each UOM BARRIER FENCING - added comments to Heading, Farm Fence, Temporary Fence, Farm Fence Panel, Deadman, Farm Gate, Type (1st column) & UOM (round all fence to nearest 1') BARRIER GRAIL_END_SECT_WIDENING - added a comment to the Heading BARRIER_GUARDRAIL - added comments to the Heading, linear feet-UOM & each-UOM, Remarks, Low Tension Cable Rail, Box Beam OTS, Cable OTS & UOM - Box Beam / High Tension Rail, also updated the rounding style for Box Beam Guardrail and High-tension Cable Rail, updated the comment to Box Beam Guardrail to make note of measurement to 18' increments, removed the "Cable Guardrail Terminal Section" Columns	Road Design QMG (V4.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx	

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					BARRIER_TEMPORARY GUARDRAIL - added comments to the Heading, linear feet-UOM & each-UOM			
					BARRIER_CONC - added comments to the Heading, each-UOM & Reset Concrete Barrier Rail			
					CONC_CURB(1) - added comments to heading, linear feet-UOM and sq yards-UOM			
					CONC_LINED_DITCH(1) - added comments to Heading & remove "Geomembrane" column			
					CONC_MEDIAN_CURBS(1) - added comments to Heading & 4" / deleted comment #1 in "Remarks"			
					CONC_SIDEWALK(1) - deleted comment #1 in "Concrete Sidewalk" & added comments to same, heading & sq yard-UOM			
					DRAINAGE_APPROACH_PIPE - deleted comment #1 in Heading & added comments to heading, pipe options, culvert pipe, relay pipe culvert			
					DRAINAGE_CULVERTS - added comments to heading, cuyds-UOM, RCPA, RCP Irrigation, relay pipe culvert, random riprap, Remarks / revised columns for RCPA, RCP-IRR, CSP			
					DRAINAGE_CULVERTS_OPT - JWC added comments to heading, culvert pipe, relay pipe culv, clean culv pipe, granular bed, riprap, cuyds-UOM, steel/conc/alum, end sections, random riprap, remarks			
					DRAINAGE_CULVERT_RECAP - deleted old comment #2 in "Basic Bid" & added new comment to Basic Bid, random riprap item removed			
					DRAINAGE_EDGE_DRAIN - REMOVE FRAME, see subsurface drain frame			
					DRAINAGE_IRRIGATION_STRUCTURES - added comments to heading, each-UOM, 18"			
					DRAINAGE_MEDIAN_INLETS - added comment to heading			
					DRAINAGE_SUBSURFACE DRAIN - added comments to heading, geotextile, filter mat'l			
					EROSION_EMB_FNDTN_TREATMENT - added comments to heading			
					EROSION_EMB_PROTECTORS - added comment to heading, revised concrete curb column			
					EROSION_GABIONS - REMOVE FRAME			
					EROSION_GEOTEXTILE - added comment to heading, geotextile column			
					EROSION_PERMANENT_EROSION_CONTR - added comments to heading, cu.yds / sq yds-UOM			
					EROSION_RANDOM_RIPRAP - added comment to heading & riprap reveg column			
					EROSION_REVEGETATION - added comment to heading			
					EROSION_RIPRAP_REVEGETATION - REMOVE FRAME, see random riprap frame			
					GRADE_BLASTING - added comment to heading, lump sum, blasting consultant			
					GRADE_BRIDGE_END_BACKFILL - added comment to heading, cu.yds, bridge end backfill			
					GRADE_CLEAR_GRUB - added comment to heading, clearing & grubbing			
					GRADE_DETOUR - added comment to heading, Const/Maintain/Rem, line item			
					GRADE_DIGOUT - added comment to heading, special borrow			
					GRADE_EMB - added comment to heading, emb-in-pl			
					GRADE_EMB_ADDGRADING - added comment to heading, add emb subtotal			
					GRADE_EMB_SUBEXC - added comment to heading			
					GRADE_FG_CONTROL - REMOVE FRAME			
					GRADE_MEDIAN_CROSSOVER - added comment to heading, ramp X-over, X-over reclamation			
					GRADE_MUCK_EXCAVATION - added comment to heading, special borrow - neat line			
					GRADE_SPECIAL_BORROW - added comment to heading, special borrow - neat line			
					GRADE_STREET_ADDGRADING - added comment to heading			
					GRADE_STREET_EXCAVATION - added comment to heading, station			
					GRADE_TREE_REMOVE - added comment to heading, each-UOM			
					GRADE_TOPSOIL_SEEDING - added comment to heading, cuyds-UOM			
					GRADE_UNCL_ADDGRADING - added comment to heading			
					GRADE_UNCL_BORROW - added comment to heading, uncl.borrow			
					GRADE_UNCL_EXCAVATION - added comment to heading, excess exc.			
					GRADE_UNCL_SUBEXC - added comment to heading, uncl.exc., total, uncl.exc. Total			
					MISC_CRACK_SEAT - added comment to heading			
					MISC_DRILL_PRESPLIT_HOLES - added comment to heading			
					MISC_EQUIPMENT - added comment to heading			
					MISC_ITEMS - added comment to heading, lump sum / cuyds-UOM			
					MISC_LANDSCAPING - added comment to heading			
					MISC_SCALING - added comment to heading, also adjusted bid item name/box			
					NOTES_APPROACHES - added the following comment in the heading: "Can add bid items that would be in the ADD. SURF. Frame" & "This frame is to be placed in the NOTES Section of the Plans, not with the SUMMARY Sheets"			
					NOTES_WETLAND_DELINEATION - added comment to C5, C6, H6, K6, I7 & C30, also added thousandth style rounding for individual items			
					STRUCTURE_HANDRAIL - added comment to C5, G7, also changed name of header and bid item			
					STRUCTURE_MAILBOXES - added comment to C5, E7			

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					STRUCTURE_REMOVE - added comment to C5, F6 STRUCTURE_RETAINING_WALL - added comment to C5, also added/changed all bid items STRUCTURE_STOCKPASS - added comment to C5, G6, P6, E7, K7, also adjusted thickness calue of CSP			
EM-10014	06/29/20	Closed	Low	Pavement marking line for temporary striping shows decimal place in total where it should round to nearest foot. Unit or temporary striping shows "foot" but should be "lnft". Styles for "Header1" and "Header2" are found in the library but were supposed to be replaced wiht "HeaderA" and "HeaderB" some time ago.	The correct style for no decimal places was applied and the unit was revised. The undesired styles were mapped to the desired styles and then removed. The Styles worksheet was updated to remove the reference and a new sample was exported.	Road Design QMG (V4.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\STYLES.pdf	
EM-10013	11/18/20	Closed	Low	HDS in Quantity Manager, Heading Title "Summary" is spelled incorrectly.	Quantity Manager HDS heading title "Summary" spelling was corrected.	Road Design QMG - Engr (V4.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx	
EM-10012	08/20/20	Closed	Low	Sign Design calculation file is not intented for production use.	Sign Design calculation file was deleted.	Sign Design (V4.0)	\ExcelManager\SignDesign\PMQ_Calculation.xlsx	Deleted
EM-10011	07/24/20	Closed	Low	ISD Customer support requests that the exit state of Excel be set to have comment indicators on.	A closing command in the Excel workbook template was added so comment indicators are turned on when exiting the QMG workbook.	Road Design QMG - Arial/Engr (V4.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\XXXXXXXRDQMG002.xlsm	
EM-10010	06/26/20	Closed	Low	QMG user has questioned where the special character used as a note should be used in the wetland summary table because there is no guidance in the frame or example.	A sample frame was populated from the December 11, 2013 Design Memo for Wetland Table notes which shows the use of the special character.	Road Design QMG - Arial/Engr (V3.0)	\ExcelManager\RoadDesign\Summary_Frames_Arial\Examples\NOTES_WETLAND_DELINEATION.pdf \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\NOTES_WETLAND_DELINEATION.pdf	

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EM-10009	06/23/20	Closed	Medium	Fence rounding criteria in Fencing Frame has been changed to 1 ft, but decimal foot still shows in the summary frame data and total. Checker crew requested library updates before new set of samples are created. Users of the summary frames often get comments from plan checkers or use the frames incorrectly.	The format of the fence data cells and total were updated to show no decimal places. Existing notes were removed and replaced as threaded comments. Additional comments were added to the frames so users have an easy and descriptive reference material to use when assembling the quantity summary package. The user form was updated to enable front end access to turn the comment indicators on/off and cause comments to be shown by default when the macro is enabled so users are not unaware of the comments if the comments were previously off.	Road Design QMG - Engr (V3.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx \ExcelManager\RoadDesign\Summary_Frames_Engr\QUANTITY_MANAGER_Engr.pdf \ExcelManager\RoadDesign\Summary_Frames_Engr\XXXXXXXXRDQMG002.xlsm	
EM-10008	01/30/20	Closed	Medium	The linked file for DRAINAGE_SUBSURFACE was linked to a file which no longer exists.	Link to the DRAINAGE_SUBSURFACE.pdf example.	Road Design QMG - Arial/Engr (V2.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx	
EM-10007	01/13/20	Closed	Medium	With the new 2020 Standard Specifications, Temporary Striping is now paid for by the linear foot, not the mile [SURF_TREAT_PAVE_MARKINGS].	Updated measurement unit to "foot" in summary frame library for Engineering fonts. Removed frame from summary frame library for Arial fonts, updated example file for Arial frame affected.	Road Design QMG - Arial/Engr (V2.0)	\ExcelManager\RoadDesign\Summary_Frames_Arial\Frames_Library_Arial.xlsx \ExcelManager\RoadDesign\Summary_Frames_Arial\Examples\SURF_TREAT_PAVE_MARKINGS.PD \ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx	Text Note Only
EM-10006	01/07/20	Closed	Medium	The storm drain pipe frame is transitioning to one pipe option with dedicated storm drain pipe bid items. The note making top irons incidental in storm drain structures frame needs to be removed. [UTILITY_STORM_DRAIN_PIPE, UTILITY_STORM_DRAIN_STRUCTURES]	Updated summary frame library with Engineering fonts, updated example file for Engineering frames affected. Removed frames from summary frame library with Arial fonts, updated example files for Arial frames affected.	Road Design QMG - Arial/Engr (V2.0)	\ExcelManager\RoadDesign\Summary_Frames_Arial\Frames_Library_Arial.xlsx \ExcelManager\RoadDesign\Summary_Frames_Arial\Examples\\UTILITY_STORM_DRAIN_PIPE.pdf \ExcelManager\RoadDesign\Summary_Frames_Arial\Examples\UTILITY_STORM_DRAIN_STRUCTUR \ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\UTILITY_STORM_DRAIN_PIPE.PDF \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\UTILITY_STORM_DRAIN_STRUCTURES.pdf	Text Note Only Text Note Only
EM-10005	12/24/19	Closed	Medium	Macro module was duplicated and would not load from initial start button. File paths point to restricted internal access path and not production path.	Remove duplicated macro code. Revise file path naming for internal domain change.	Bridge (V2.0)	\ExcelManager\BridgeDesign\XXXXXXXXBRDSN001.xlsm	

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EM-10004	12/04/19	Closed	Medium	The Arial library will no longer be maintained.	Create note in worksheet to alert users the library will no longer be maintained. Add PDF example into example directory.	Road Design QMG - Arial (V2.0)	\ExcelManager\RoadDesign\Summary_Frames_Arial\Frames_Library_Arial.xlsx \ExcelManager\RoadDesign\Summary_Frames_Arial\Examples\README_NOT_MAINTAINED.pdf	 Created
EM-10003	11/26/19	Closed	Low	Checker crew requested the Conc_Drainage_Chute(1) frame be deleted, rename Underdrain to Subsurface Drain, and creation of Grade_Blasting	Delete the Conc_Drainage_Chute(1) worksheet, rename the Drainage_Underdrain worksheet as Drainage_Subsurface_Drain, and create Grade_Blasting in the library and delete/update/create associated examples.	Road Design QMG - Engr (V2.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\CONC_DRAINAGE_CHUTE(1).PDF \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\DRAINAGE_UNDERDRAIN.pdf \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\DRAINAGE_SUBSURFACE_DRAIN.p \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\GRADE_BLASTING.pdf	 Deleted Deleted/Replaced Created/Replacing Created
EM-10002	11/26/19	Closed	Low	Checker crew requested the Conc_Drainage_Chute(1) frame be deleted, rename Underdrain to Subsurface Drain, and creation of Grade_Blasting	Delete the Conc_Drainage_Chute(1) worksheet, rename the Drainage_Underdrain worksheet as Drainage_Subsurface_Drain, and create Grade_Blasting in the library and delete/update/create associated examples.	Road Design QMG - Arial (V2.0)	\ExcelManager\RoadDesign\Summary_Frames_Arial\Frames_Library_Arial.xlsx \ExcelManager\RoadDesign\Summary_Frames_Arial\Examples\CONC_DRAINAGE_CHUTE(1).PDF \ExcelManager\RoadDesign\Summary_Frames_Arial\Examples\DRAINAGE_UNDERDRAIN.pdf \ExcelManager\RoadDesign\Summary_Frames_Arial\Examples\DRAINAGE_SUBSURFACE.pdf \ExcelManager\RoadDesign\Summary_Frames_Arial\Examples\GRADE_BLASTING.pdf	 Deleted Deleted/Replaced Created/Replacing Created
EM-10001	11/01/19	Closed	Medium	Checker crew requested numerous updates to allow moving to a next step of creating new "Sample Summary Frames Guidance Sheet" information.		Road Design QMG - Common (V2.0)	\ExcelManager\RoadDesign\Summary_Frames_Arial\Frames_Library_Arial.xlsx \ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx	

BARRIER_CATTLE_GUARDS - Revise frame so cattle guard types and widths are separated and widths can be substituted under the same headings.

BARRIER_CONC - Removed specific type selection for # of bays for attenuator. Add column for one-way depart. conc.barrier section.

BARRIER_FENCING - Added FW and FM options in panels, removed specific farm fence type options and made generic blanks

BARRIER_GUARDRAIL - Removed specific type selection for bridge approach sections and made generic blanks. Split Left/Right columns for temporary rail and attenuators.

BARRIER_TEMPORARY_GUARDRAIL - Removed specific type selection for bridge approach sections and made generic blanks. Split Left/Right columns for temporary rail and

CONC_CURB(1) - Revise column widths, abbreviations, and order of comments in header.

CONC_DRAINAGE_CHUTE(1) - Revise abbreviations in headers.

CONC_LINED_DITCH(1) - Add asterisk in title, revise geomembrane type to generic blank, revise abbreviations of headers. Add note below frame.

CONC_MEDIAN_CURBS(1) - Revise abbreviations in headers, change display of total to ~ for remove median curb. Add note below frame.

CONC_SIDEWALK(1) - Revise abbreviations in headers, define detectable warning type as 1, change # in header of remove sidewalk

DRAINAGE_APPROACH_PIPE - Add "pipe" in basic bid item titles, switch order of steel and concrete pipe columns.

DRAINAGE_CULVERT_RECAP - Add "pipe" in basic item titles, remove abbreviations in basic bid column, add columns to end of frame, change width of columns for better fit.

DRAINAGE_CULVERTS - Remove class headers from pipe headers, add column to insert class, revise abbreviations and titles in headers.

DRAINAGE_CULVERTS_OPT - Remove class headers from pipe headers, add column to insert class, revise abbreviations and titles in headers. Revise symbol in note below

DRAINAGE_EDGE_DRAIN - Remove side drain column. Change symbol for note in frame. Change column widths.

DRAINAGE_IRRIGATION_STRUCTURES - Removed columns for slide gate and check structure

DRAINAGE_MEDIAN_INLETS - Added Type 2 Median inlet column

DRAINAGE_UNDERDRAIN - Revised headers for pipe, added column for additional pipe, added blank data fields for geotextile class information

EROSION_EMB_FNDTN_TREATMENT - Changed abbreviations of header titles

EROSION_EMB_PROTECTORS - Added blank data field for bank protection type

EROSION_GABIONS - Change column widths

EROSION_PERMANENT_EROSION_CONTR - Added blank data field for erosion control blanket

EROSION_RANDOM_RIPRAP - Changed roman numerals to numbers in riprap class header

ID	Date	Status	Priority	Issue	Solution	Functional Group (WS)	Files	Remarks
					EROSION_REVEGETATION - Change column widths			
					GRADE_BRIDGE_END_BACKFILL - Change column widths, change survivability header.			
					GRADE_DETOUR - Revise symbol in note below frame and header.			
					GRADE_DIGOUT - Revise symbol in note below frame and header.			
					GRADE_EMB_ADDGRADING - Change column widths.			
					GRADE_EMB_SUBEXC - Change column widths.			
					GRADE_MEDIAN_CROSSOVER - Revise symbol in note below frame and header.			
					GRADE_MUCK_EXCAVATION - Revise symbol in note below frame and header.			
					GRADE_SPECIAL_BORROW - Change column widths.			
					GRADE_STREET_ADDGRADING - Change Total to Subtotal			
					GRADE_TOPSOIL_SEEDING - Change Mulch header to Compost			
					GRADE_UNCL_BORROW - Change abbreviation of Uncl. Borrow., remove "EXC." from title			
					MISC_DRILL_PRESPLIT_HOLES - Add "FROM" and "TO" under station column, add bid item in column for quantities.			
					MISC_EQUIPMENT - Change column widths, change "Dozer" to "Misc. Equipment"			
					NOTES_APPROACHES - Change widths, revise plant mix title, add column for Emuls. Asphalt Tack			
					PROJECT_INFO_ACCIDENT_DETAILS - Remove frame.			
					STRUCTURE_RETAINING_WALL - Change column widths			
					STRUCTURE_STOCKPASS - Change title abbreviations and names.			
					STRUCTURE_WETLAND_SITE - Revise symbol in note below frame and header, change title of bid item.			
					SURF_CRACK_SEALING - Revise symbol in note below frame and bid item.			
					SURF_OVERLAY_COM_ADD_SURFACING - New worksheet.			
					SURF_OVERLAY_COMMERCIAL - New worksheet.			
					SURF_OVERLAY_VOL_ADD_SURFACING - New worksheet.			
					SURF_OVERLAY_VOLUMETRIC - New worksheet.			
					SURF_PCCP_CRACK_REPAIRS - Change worksheet name, revise symbol in note below frame and bid item.			
					SURF_PCCP_PANEL_REPAIRS - Change worksheet name, revise symbol in note below frame and bid item.			
					SURF_TREAT_COLD_MILLING - Revise symbol in note below frame and header.			
					SURF_TREAT_PAVE_MARKINGS - Change unit of Final Sweep and Broom to "course mile"			
					SURF_TREAT_PULVERIZATION - Remove pulverization depth from column description			
					TRAFFIC_CONTROL - Change bid itme of "Cross Over" into "Median Cross Over", revise decimal rounding of two-way traffic to a single decimal point.			
					UTILITY_STORM_DRAIN - Remove frame.			
					UTILITY_STORM_DRAIN_STRUCTURES - New worksheet.			
					UTILITY_WATER_LINE - Added blank data field in bid item of CLSM column.			
MDTCU-10162	11/19/19	Closed	Low	A user encountered an error not handled by a custom message when attempting to copy a worksheet to the clipboard and paste in MicroStation as a linked image.	The error occurred because the named group (aka Reference, region, named selection) was not defined for "Frame". Because this must exist for the macro to function, an error message was customized to inform a user how to solve the error.	CADDStandards \Common (V2.0)	\ExcelManager\RoadDesign\Summary_Frames_Arial\XXXXXXXRDQMG001.xlsm \ExcelManager\RoadDesign\Summary_Frames_Engr\XXXXXXXRDQMG002.xlsm	
MDTCU-10161	11/19/19	Closed	Low	Road design checking staff requested updates to the frames so they will match the example summary frames being developed.	Revise summary frames per request from Road Design checking staff.	CADDStandards \Common (V2.0)	\ExcelManager\RoadDesign\Summary_Frames_Arial\Frames_Library_Arial.xlsx \ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx	

MDT EXCEL MANAGER FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Functional Group (WS)	Files	Remarks
MDTCU-10155	10/24/19	Closed	Medium	Road Plan Checkers requested updates to the Fencing Summary frames to assist designers and ECCB personnel to determine correct bid item(s) used in the projects.	Revised Fencing Summary Frames in Summary Frame library template.	CADDStandards \Common (V2.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx \ExcelManager\RoadDesign\Summary_Frames_Arial\Frames_Library_Arial.xlsx	
MDTCU-10152	10/18/19	Closed	Low	In the approach pipe summary, it has bid items of RELAY CULVERT and REMOVE CULVERT whereas the bid items are "Relay Pipe Culvert" and "Remove Pipe Culvert" respectively.	Change bid item title in Approach Culvert worksheet to read "Remove Pipe Culvert" and "Relay Pipe Culvert" to be consistent with bid items.	CADDStandards \Common (V2.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx \ExcelManager\RoadDesign\Summary_Frames_Arial\Frames_Library_Arial.xlsx	
MDTCU-10151	10/18/19	Closed	Low	The row height is bigger (23.25) in the optional summary frame than other frames.	Change row height to 15 for data entry rows of the worksheet.	CADDStandards \Common (V2.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx	
MDTCU-10146	09/20/19	Closed	High	Internal file share changes require CADD adjustments.	Provide updated folder names and locations: **Old Folder:** DEFAULT_FRAMES_2018 **New Folder:** Summary_Frames_Engr to include XXXXXXXRDQMG002.xlsm and Frames_Library_Engr.xlsx, FontStyle_EngrUpdateSample.xlsx, FontStyle_EngrUpdateProcess.pdf (formerly FRAMES_DEFAULT.xlsx, FontStyle_Update.xlsx, QMG_Transformation.pdf)	CADDStandards \Common (V1.2)	\ExcelManager\RoadDesign\Summary_Frames_Engr**All Files** \CustomKill.bas \VBA_HowTo.pdf	Moved from \CaddStandards\Common\ RDSTD\EXCEL\ Deleted Deleted
MDTCU-10132	08/09/19	Closed	High	MDT cost estimating section requested revisions and new templates for the storm drain pipe, storm drain structures, and culvert summary recap frames.	Worksheet "UTILITY_STORM_DRAIN" was renamed "UTILITY_STORM_DRAIN_PIPE" and modified to remove storm drain structures from the frame; a new worksheet named "UTILITY_STORM_DRAIN_STRUCTURES" was created. "DRAINAGE_CULVERT_RECAP" worksheet was revised with description changes. Examples PDF sheets for each worksheet were updated/created as necessary.	CADDStandards \Common (V1.2)	\RDSTD\EXCEL\DEFAULT_FRAMES_2018\FRAMES_DEFAULT.xlsx \RDSTD\EXCEL\DEFAULT_FRAMES_2018\EXAMPLES\UTILITY_STORM_DRAIN_PIPE.pdf \RDSTD\EXCEL\DEFAULT_FRAMES_2018\EXAMPLES\UTILITY_STORM_DRAIN_STRUCTURES.pdf	
MDTCU-10121	06/25/19	Closed	Medium	An occasional Example link (Concrete tabs, barrier tabs, Waterline, misc.) in Excel for the is not linked to an existing example file "PDF". The linked file paths are dependent upon MDT folder structure and result in non-consultant friendly, hard to change example links. File paths need to be migrated from "MDTHQ" to "STATE". Road checkers provided new frames for Surfacing summary information.	Replaced links with missing characters. Remove full path location and set a base address for hyperlinks in the file properties leaving only the relative file name in hyperlink information. Migrate file paths to "STATE". Incorporate new Surfacing summary frames into the default frames.	CADDStandards \Common (V1.2)	\RDSTD\EXCEL\XXXXXXXRDQMG002.xlsm \RDSTD\EXCEL\DEFAULT_FRAMES_2018\FRAMES_DEFAULT.xlsx \RDSTD\EXCEL\DEFAULT_FRAMES_2018\EXAMPLES\HYPERLINK_BASE.PDF \RDSTD\EXCEL\DEFAULT_FRAMES_2018\EXAMPLES\SURF_OVERLAY_COM_ADD_SURFACING. \RDSTD\EXCEL\DEFAULT_FRAMES_2018\EXAMPLES\SURF_OVERLAY_COMMERCIAL.pdf \RDSTD\EXCEL\DEFAULT_FRAMES_2018\EXAMPLES\SURF_OVERLAY_VOL_ADD_SURFACING. \RDSTD\EXCEL\DEFAULT_FRAMES_2018\EXAMPLES\SURF_OVERLAY_VOLUMETRIC.pdf \RDSTD\EXCEL\DEFAULT_FRAMES\FRAMES_DEFAULT.xlsx \RDSTD\EXCEL\DEFAULT_FRAMES\EXAMPLES\HYPERLINK_BASE.PDF	New New New New New New

ID	Date	Status	Priority	Issue	Solution	Functional Group (WS)	Files	Remarks
MDTCU-10120	06/25/19	Closed	Medium	…cont.		CADDStandards \Common (V1.2)	\RDSTD\EXCEL\DEFAULT_FRAMES\EXAMPLES\SURF_OVERLAY_COM_ADD_SURFACING.pdf \RDSTD\EXCEL\DEFAULT_FRAMES\EXAMPLES\SURF_OVERLAY_COMMERCIAL.pdf \RDSTD\EXCEL\DEFAULT_FRAMES\EXAMPLES\SURF_OVERLAY_VOL_ADD_SURFACING.pdf \RDSTD\EXCEL\DEFAULT_FRAMES\EXAMPLES\SURF_OVERLAY_VOLUMETRIC.pdf	New New New New
MDTCU-10114	06/18/19	Closed	Medium	Two file paths were required for the macro to work correctly but can be simplified to a single path.	The input requirement was reduced to a single file path and the sub-directory of examples was coded into the macro.	CADDStandards \Common (V1.2)	\RDSTD\EXCEL\XXXXXXXRDQMG002.xlsm	
MDTCU-10110	05/08/19	Closed	Low	New Survey feature files are required and need to be linked from the internet.	Feature files have been added.	CADDStandards \Common (V1.2)	\SUSTD\MDTRV006_0_3E.FEA \SUSTD\MDTRV006_0_3E.FXL \SUSTD\MDTSURVEY_ENG_1_0.fxl	
MDTCU-10107	04/25/19	Closed	Medium	Finish Grade Control summary frame did not have text style applied to quantity entry cells and Example Hyperlink pointed to wrong example.	Applied text styles to fonts where needed and revised hyperlink.	CADDStandards \Common (V1.2)	\RDSTD\EXCEL\DEFAULT_FRAMES_2018\FRAMES_DEFAULT.xlsx	
MDTCU-10105	05/24/19	Closed	Medium	The form box for adding Summary Frames is not resizing as expected on small resolution screens. Minor maintenance on example hyperlinks and data entry formats is needed. Also, VBA code of Quantity Manager is unfamiliar for many users and file paths are not equal inside of MDT network structure and consultant network structure.	The Excel macro was revised to automatically resize the form. Minor maintenance has been done on the Default Frames library. Revised VBA code and allow path name editing through cells in the worksheet.	CADDStandards \Common (V1.2)	\RDSTD\EXCEL\XXXXXXXRDQMG002.xlsm \RDSTD\EXCEL\DEFAULT_FRAMES_2018\FRAMES_DEFAULT.xlsx	
MDTCU-10088	04/22/19	Closed	Low	Guardrail frame contained station cells in Arial font and hyperlink for the example did not work	Applied text styles to fonts where needed and revised hyperlink.	CADDStandards \Common (V1.2)	\RDSTD\EXCEL\DEFAULT_FRAMES_2018\FRAMES_DEFAULT.xlsx	

MDT EXCEL MANAGER FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Functional Group (WS)	Files	Remarks
MDTCU-10071	03/21/19	Closed	High	Need Hydraulic Data summary frame and correct cell justification for Wetland Delineation summary frame.	Added HYD_Hydraulic_Data_Summary tab to 2018 default frames and adjusted default frames Notes_Wetland_Delineation tab cell justification.	CADDStandards \Common (V1.2)	\RDSTD\EXCEL\DEFAULT_FRAMES\FRAMES_DEFAULT.xlsx \RDSTD\EXCEL\DEFAULT_FRAMES_2018\FRAMES_DEFAULT.xlsx \RDSTD\EXCEL\DEFAULT_FRAMES_2018\EXAMPLES\HYD_HYDRAULIC_DATA_SUMMARY.pdf	