

MDT EXCEL MANAGER FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Functional Group (WS)	Files	Remarks
EM-10037	08/07/25	Closed	Medium	The Sign Design Excel Summary file has been developed for current processes. Related: State Kit Updates 2.1.0, 2.1.1, 2.2.0	The Sign Design Excel Summary file has been copied for use in Bentley.	Road Design QMG (V11.1)	\\ExcelManager\SignDesign\#####SIQMG001.xlsm	Updated
							\\ExcelManager\SignDesign\Help_SpecSum_Excel.pdf	Deleted
EM-10036	08/07/25	Closed	Medium	Miscellaneous summary frame updates are needed for consistency and clarity. Numerous summary frame example updates are needed. Related: State Kit Update 2.2.0		Road Design QMG (V11.1)	\\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx	Updated
							\\ExcelManager\RoadDesign\Summary_Frames_Engr\Examples**All Files**	Updated
							Summary Frame Updates:	
							1) BARRIER_FENCING – Added a comment to the Deadman column (Show total only for Deadman based on the terrain). Added a comment to the Temp. Fence column (Show total only for Temp. Fence). 2) BARRIER_GRAIL_END_SECT_WIDENING – changed the column heading to GUARDRAIL END SECTION WIDENING to match bid item. 3) BARRIER_GUARDRAIL - Removed duplicate “High Tension Cable Rail” bid item columns. Added “Remove Cable Guardrail” bid item columns. 4) DRAINAGE_SUBSURFACE - Corrected Example link. 5) GRADE_BLASTING - Corrected Example link. 6) MISC_DRILL_PRESPLIT_HOLES – expanded the station column so it is the same as the other examples (4 rows at 22.5 height). 7) NOTES_APPROACHES – In the public subtotal row add 0.0 to the emulsified asphalt chfrs-2p column and filled in the tilde on private and farm field. 8) NOTES_WETLAND_DELINEATION – expanded the WETLAND AREA (acres) columns to the 17 width so words are not split. 9) SURF_OVERLAY - Moved AGG. TREAT. from Bituminous Materials. 10) SURF_OVERLAY_ADD_SURFACING - Moved AGG. TREAT. from Bituminous Materials. 11) SURF_OVERLAY_VOLUMETRIC - Moved AGG. TREAT. from Bituminous Materials. 12) SURF_OVERLAY_VOL_ADD_SURFACING - Moved AGG. TREAT. from Bituminous Materials. Corrected Example link. 13) SURF_OVERLAY_COMMERCIAL - Moved AGG. TREAT. from Bituminous Materials. 14) SURF_OVERLAY_COM_ADD_SURFACING - Moved AGG. TREAT. from Bituminous Materials. 15) SURF_RECON_SURFACING - Moved AGG. TREAT. from Bituminous Materials. 16) SURF_RECON_ADD_SURFACING - Moved AGG. TREAT. from Bituminous Materials. 17) SURF_RECON_SURFACING_CTB - Moved AGG. TREAT. from Bituminous Materials. 18) SURF_RECON_ADD_SURFACING_CTB - Moved AGG. TREAT. from Bituminous Materials. 19) SURF_TREAT_PAVE_MARKINGS – Turned bold off of “TEMPORARY STRIPING” row 17. 20) SURF_TREAT_RUMBLE_STRIPES - Corrected Example link. 21) SURF_CRACK_SEALING – Added the CRACK FILLING – MASTIC columns K and L and added the totals for pounds and linear feet. Added a comment about the Mastic measurement in the field. 22) STORM_DRAIN_PIPE - Corrected Example link. 23) STORM_DRAIN_STRUCTURES - Corrected Example link. Example Updates: 1) All examples updated from Engineering to Arial fonts. 2) UTILITY_MANHOLES – Removed # in title since it is on specific rows. 3) UTILITY_ADJUST_WATER_VALVE_BOX – Added foot marks and periods to REMARKS column. 4) SURF_TREAT_PAVE_MARKINGS – un-bold totals for temporary striping and final sweep and broom. 5) SURF_RECON_ADD_SURFACING_CTB (Example 1) - Moved AGG. TREAT. from Bituminous Materials. Added rows above total. 6) SURF_RECON_ADD_SURFACING_CTB (Example 2) - Moved AGG. TREAT. from Bituminous Materials. 7) SURF_RECON_SURFACING_CTB (Example 2) - Moved AGG. TREAT. from Bituminous Materials. Updated how the bridge is shown at Station1303+08.86 to 1304+20.06. 8) SURF_RECON_SURFACING_CTB -Moved AGG. TREAT. from Bituminous Materials. Added total to hydrated lime. 9) SURF_RECON_ADD_SURFACING - Moved AGG. TREAT. from Bituminous Materials. 10) SURF_RECON_SURFACING - Moved AGG. TREAT. from Bituminous Materials. 11) SURF_OVERLAY_COM_ADD_SURFACING -Changed SEAL to EMULSIFIED ASPHALT. 12) SURF_OVERLAY_COM_ADD_SURFACING - Changed SEAL to EMULSIFIED ASPHALT. Moved AGG. TREAT. from Bituminous Materials. 13) SURF_OVERLAY_COMMERCIAL (Example 2) -Changed SEAL to EMULSIFIED ASPHALT. 14) SURF_OVERLAY_COMMERCIAL (Example 1) - Changed SEAL to EMULSIFIED ASPHALT. Moved AGG. TREAT. from Bituminous Materials. Updated to proper wording in remarks column. 15) SURF_OVERLAY_VOL_ADD_SURFACING - Changed SEAL to EMULSIFIED ASPHALT. Binder and emulsified asphalt rounded to tenth	

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					16) SURF_OVERLAY_VOLUMETRIC - Changed SEAL to EMULSIFIED ASPHALT. Updated how the bridge is shown at Stations 661+94.00 to 663+04.00. Added a comment in the cell with "BRIDGE" - "If there is an ADD. SURF frame, this row should be there instead". Added rows above total. Binder and emulsified asphalt rounded totals to tenth. 17) SURF_OVERLAY_ADD_SURFACING (Example 3 – Scrub Seal) - Changed SEAL to EMULSIFIED ASPHALT. Updated scrub seal emulsion total and added tilde to shoulder gravel on row 21. 18) SURF_OVERLAY_ADD_SURFACING (Example 2) – Changed SEAL to EMULSIFIED ASPHALT. 19) SURF_OVERLAY (Example 3 -Scrub Seal) –Changed SEAL to EMULSIFIED ASPHALT. Updated to proper wording in remarks column. 20) SURF_OVERLAY (Example 2 – Hot In-Place Recycling) –updated how the bridge stationing is shown between 701+81.00 and 855+52.10. Changed "SEAL" to "EMULSIFIED ASPHLT". Moved AGG. TREAT. from Bituminous Materials. Updated to proper wording in remarks column 21) SURF_CRACK_SEALING – Added the CRACK FILLING – MASTIC columns and added the totals for pounds and linear feet. Added a comment about the Mastic measurement in the field. 22) STRUCTURE_RETAINING_WALL (Example 3) –Changed "#" in REMARKS to "NO." 23) STRUCTURE_RETAINING_WALL (Example 2) – Changed "#" in REMARKS to "NO." 24) STRUCTURE_REMOVE – in the Remarks column add the words ", MDT NO." to REMARKS. 25) NOTES_APPROACHES and NOTES_APPROACHES_COMMERCIAL (Example 3) – New example for Grade S PMS. 26) NOTES_APPROACHES (Example 3) – Remove "MEASURED ON CAD" note. 27) NOTES_APPROACHES (Example 2) – Changed PROPOSED SURFACE text R/W to LENGTH 28) NOTES_APPROACHES (Example 1)– Changed heading from SEAL to EMULSIFIED ASPHALT. Changed heading from C.L. TO R/W to LENGTH. 29) MISC_SCALING - unsquished station and remarks rows 30) MISC_ITEMS (Example 2) - changed the lump sum and note symbol & to * 31) MISC_DRILL_PRESPLIT_HOLES – unsquished station and remarks rows 32) MISC_CRAK_SEAT – added 3 rows above total 33) GRADE_UNCL_ADDGRADING – Removed the percentage on the topsoil – topsoil quantity should be divided throughout the frame. 34) GRADE_SPECIAL_BORROW – added 3 rows before total. 35) GRADE_EMB_ADDGRADING – added the 3 lines before subtotal. 36) GRADE_BLASTING – added column for Drill Presplit holes. 37) EROSION_REVEGETATION – added column EROSION CONTROL BLANKET - LONG-TERM 38) EROSION_PERMANENT_EROSION_CONTR (Example 2) - added a period to some in the Remarks column 39) EROSION_GEOTEXTILE – formatted linear feet column. 40) DRAINAGE_SUBSURFACE - Changed frame name to TRENCH DRAIN. 41) DRAINAGE_IRRIGATION_STRUCTURES (Example 1) – removed the * in #4 rebar column. 42) DRAINAGE_CULVERT_RECAP – Changed "drainage pipe" to "DR". 43) DRAINAGE_CULVERT_RECAP – added 2nd Example. 44) DRAINAGE_CULVERTS_OPT (Example 3) - moved numbers in columns to the right. Cu yards and sq yards. Corrected title note displaying numbers and symbols to read "(INCLUDED IN CULVERT SUMMARY RECAP)". 45) DRAINAGE_CULVERTS_OPT (Example 2) - updated the remarks column from "Mainline" to "Drain or Irrigation or Remove". Corrected title note displaying numbers and symbols to read "(INCLUDED IN CULVERT SUMMARY RECAP)". 46) DRAINAGE_CULVERTS_OPT (Example 1) - corrected title note displaying numbers and symbols to read "(INCLUDED IN CULVERT SUMMARY RECAP)". 47) DRAINAGE_APPROACH_PIPE - Corrected title note displaying numbers and symbols to read "(INCLUDED IN CULVERT SUMMARY RECAP)". 48) CONC_CURB(1) – moved the # to the end of Remove Curb and Gutter to match others. 49) BARRIER_CONC (Example 2) - Added rows above total. 50) BARRIER_GRAIL_END_SECT_WIDENING – Changed pay item from SECTION WIDENING to GUARDRAIL END SECTION WIDENING. 51) BARRIER_FENCING (Example 6 – Farm Fence, Wildlife Friendly Fence & Fence-Panel Special Design) - Deleted 52) BARRIER_FENCING (Example 5 – Fence Panel – Special Design) – Added the subtotal for Eastbound and Westbound. 53) BARRIER_FENCING (Example 4 – Fence Panel – Special Design) - Updated the totals in the linear feet of fence and added Deadman total. 54) BARRIER_FENCING (Example 3 – 8' Wildlife Fence & Panels) - Changed the number of Deadman to 34 instead of 110. 55) BARRIER_FENCING (Example 2 – Chain Link Fence) – Removed the "1" in the Deadman column and left the total at 8. Added the word "REMARKS" to the last column. Removed the * in the heading. 56) BARRIER_FENCING (Example 1 – Wildlife Friendly Fence and Jack Leg Fence) – Removed the numbers in the temporary fence column and left just the total.			

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EM-10035	03/20/25	Closed	Medium	RD management requested updates to summary frames and examples	Seeding frame: update note on row 2: to read: "# FOR INFORMATION ONLY - INCLUDED IN THE COST OF SEEDING AREA NO.1 & SEEDING AREA NO. 3." Also changing the # to be in the bid item cell M6 and place tilde in total cell M30. Update comment in M30 to not include sod. Asphalt cement name changed to asphalt <i>binder</i> in all surfacing frames. Update examples to 58H-34. Update guardrail comment cell K6 regarding box beam guardrail length callout stations as well as needing 18' section attached to any terminal Updates correspond to MDT Civil 3D State Kit release 2.1.0.	Road Design QMG (V11.0)	\\ExcelManager\\RoadDesign\\Summary_Frames_Engr\\Frames_Library_Engr.xlsx	Updated
							\\ExcelManager\\RoadDesign\\Summary_Frames_Engr\\Examples\\... GRADE_TOPSOIL_SEEDING.pdf	Updated
							SURF_OVERLAY.pdf	Updated
							SURF_OVERLAY_ADD_SURFACING.pdf	Updated
							SURF_OVERLAY_COM_ADD_SURFACING.pdf	Updated
							SURF_OVERLAY_COMMERCIAL.pdf	Updated
							SURF_OVERLAY_VOL_ADD_SURFACING.pdf	Updated
							SURF_OVERLAY_VOLUMETRIC.pdf	Updated
							SURF_RECON_ADD_SURFACING.pdf	Updated
							SURF_RECON_ADD_SURFACING_CTB.pdf	Updated
							SURF_RECON_SURFACING.pdf	Updated
							SURF_RECON_SURFACING_CTB.pdf	Updated
							DRAINAGE_EDGE_DRAIN.pdf	Deleted
							EROSION_GABIONS.pdf	Deleted
							EROSION_RIPRAP_REVEGETATION.pdf	Deleted
							GRADE_FG_CONTROL.pdf	Deleted
							GRADE_TOPSOIL_SEEDING.pdf	Deleted
							PROJECT_INFO_ACCIDENT_DETAILS.pdf	Deleted
							SURF_OVERLAY_SURFACING.pdf	Deleted
							SURF_OVERLAY1.pdf	Deleted
							SURF_PCCP_CRACK_REPAIRS.pdf	Deleted
							SURF_PCCP_PANEL_REPAIRS.pdf	Deleted
							UTILITY_STORM_DRAIN.pdf	Deleted
							UTILITY_STORM_DRAIN_PIPE.pdf	Deleted
							UTILITY_STORM_DRAIN_STRUCTURES.pdf	Deleted
							NOTES_APPROACHES_COMMERCIAL.pdf	New
EM-10034	10/16/24	Closed	Medium	RD workflow subcommittee requested the font in the RDQMG to be arial font for Autodesk	To mitigate duplicated efforts in maintaining multiple data sets for different fonts, Frames_Library_Engr.xlsx will be distributed with Arial fonts. This will allow maintenance of a single frames library that is expected to be released at a future date for Autodesk projects. The Quantity Manager "Remap Cell Styles" tool may be used to remap the Arial Cell Styles to the Engineering Cell Styles. The Arial Cell Styles are usually indicated by a number1 2 suffix after insertion into the QMG file.	Road Design QMG (V10.0)	\\ExcelManager\\RoadDesign\\Summary_Frames_Engr\\Frames_Library_Engr.xlsx	
EM-10033	10/16/24	Closed	Low	ECCB & Environmental determined it would be best to remove the bid item Condition Seedbed Surface and have that incidental to the work. This will allow contractors to best bid the work based on their means and methods.	The total cell for Condition Seedbed item in the GRADE_TOPSOIL_SEEDING frame had "#" and note in row 32 added. The comment in cell M7 was updated as well. The example for Topsoil and Seeding was updated to represent this change. All files are updated in the BIM360 MDT State Kit Development project.	Road Design QMG (V10.0)	\\ExcelManager\\RoadDesign\\Summary_Frames_Engr\\Frames_Library_Engr.xlsx	\\ExcelManager\\RoadDesign\\Summary_Frames_Engr\\Examples\\Examples_C3D\\GRADE_TOPSOIL_SEEDING
							\\ExcelManager\\RoadDesign\\Summary_Frames_Engr\\Examples\\Examples_C3D\\GRADE_TOPSOIL_SEEDING	
EM-10032	10/16/24	Closed	Low	Road Design Management requested that the final quantities only (the TOTAL line) in the RDQMG summary frames comply with Table 109-1 Rounding Criteria in the Standard Specifications (only for those that are more precise than Table 109-1)	Updated Concrete lined ditches rounded to nearest foot for everything, not just totals in: CONC_LINED_DITCH(1) Updated Remove Guardrail total to nearest foot: BARRIER_GUARDRAIL Updated Remove pipe culvert total to nearest foot: DRAINAGE_APPROACH_PIPE, DRAINAGE_CULVERTS, DRAINAGE_CULVERTS_OPT, DRAINAGE_CULVERT_RECAP,	Road Design QMG (V10.0)	\\ExcelManager\\RoadDesign\\Summary_Frames_Engr\\Frames_Library_C3D.xlsx	
							\\ExcelManager\\RoadDesign\\Summary_Frames_Engr\\Examples\\BARRIER_CONC	
							\\ExcelManager\\RoadDesign\\Summary_Frames_Engr\\Examples\\STRUCTURE_HANDRAIL	
							\\ExcelManager\\RoadDesign\\Summary_Frames_Engr\\Examples\\DRAINAGE_CULVERTS_OPT	
							\\ExcelManager\\RoadDesign\\Summary_Frames_Engr\\Examples\\DRAINAGE_CULVERT_RECAP	
							\\ExcelManager\\RoadDesign\\Summary_Frames_Engr\\Examples\\DRAINAGE_APPROACH_PIPE	
							\\ExcelManager\\RoadDesign\\Summary_Frames_Engr\\Examples\\DRAINAGE_CULVERTS	
							\\ExcelManager\\RoadDesign\\Summary_Frames_Engr\\Examples\\DRAINAGE_MEDIAN_INLETS	
							\\ExcelManager\\RoadDesign\\Summary_Frames_Engr\\Examples\\BARRIER_GUARDRAIL	

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					DRAINAGE_MEDIAN_INLETS Updated Fencing frame and examples to suggest 10 blank rows below project quantity data rather than the standard 3 rows. Updated the following examples in the file list. All files are updated in the BIM360 MDT State Kit Development project.		\ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\Examples_C3D\BARRIER_TEMPORARY_GUARDRAIL \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\Examples_C3D\CONC_CURB(1) \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\Examples_C3D\CONC_MEDIAN_CURBS(1) \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\Examples_C3D\CONC_LINED_DITCH \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\Examples_C3D\BARRIER_FENCING	
EM-10031	10/16/24	Closed	Low	Hydraulics has created their own Hydraulic Data Summy Sheet and will be owning their own file. Road Design should not be creating a Hydraulic Data Summary sheet.	The HYD_HYDRAULIC_DATA_SUMMARY sheet has been deleted from the frames library to prevent Road Design from creating their own. Responsibiilty will be on Hydraulics. Make sure that the consultants have access to the Hydraulics Excel Manager file that now includes both an HDS and IDS (Irrigation Data Summary)	Road Design QMG (V10.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples\HYD_HYDRAULIC_DATA_SUMMARY.pdf	removed summary frame Deleted
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	Road Design QMG (V8.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx \ExcelManager\RoadDesign\Summary_Frames_Engr\Examples**Mulitple Files**	

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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	
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 column 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	Road Design QMG (V5.0)	\\ExcelManager\\RoadDesign\\Summary_Frames_Engr\\Examples**All Files**	
							\\ExcelManager\\RoadDesign\\Summary_Frames_Engr\\Frames_Library_Engr.xlsx	

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					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			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\XXXXXXXXRDQMG002.xlsm	
							\ExcelManager\BridgeDesign\XXXXXXXXBRDSN001.xlsm	
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\XXXXXXXXRDQMG002.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	Road Design QMG (V4.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx	

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					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			
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 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 Sidwalk" & 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	Road Design QMG (V4.0)	\ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx	

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ID	Date	Status	Priority	Issue	Solution	Functional Group (WS)	Files	Remarks
					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 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 "Inft". 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 intended for production use.	Sign Design calculation file was deleted.	Sign Design (V4.0)	\ExcelManager\SignDesign\PMQ_Calculation.xlsx 	Deleted

MDT EXCEL MANAGER FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Functional Group (WS)	Files	Remarks
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\XXXXXXXXRDQMG002.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	
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.PDF \ExcelManager\RoadDesign\Summary_Frames_Engr\Frames_Library_Engr.xlsx	Text Note Only

MDT EXCEL MANAGER FILE UPDATE LOG

ID	Date	Status	Priority	Issue	Solution	Functional Group (WS)	Files	Remarks
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_STRUCTURE.pdf \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\XXXXXXXBRDSN001.xlsm	
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.pdf \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.	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.	Road Design QMG - 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

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					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.			
					frame.			
					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			
					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.			

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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\\XXXXXXXXRDQMG001.xlsm	
							\\ExcelManager\\RoadDesign\\Summary_Frames_Engr\\XXXXXXXXRDQMG002.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	
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 XXXXXXXXRDQMG002.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**	Moved from CaddStandards\\Common\\RDSTD\\EXCEL\\
							\\CustomKill.bas	Deleted
							\\VBA_HowTo.pdf	Deleted

ID	Date	Status	Priority	Issue	Solution	Functional Group (WS)	Files	Remarks
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.p \\RDSTD\EXCEL\DEFAULT_FRAMES_2018\EXAMPLES\SURF_OVERLAY_COMMERCIAL.pdf \\RDSTD\EXCEL\DEFAULT_FRAMES_2018\EXAMPLES\SURF_OVERLAY_VOL_ADD_SURFACING.p \\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
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 	

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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 	
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 	