MONTANA
Department of Transportation

Project Development & Delivery - Digital Design and Modeling Services

Support Guide

Application/Tool(s): Excel Manager
Version(s): v01.00.01
Environment: OpenRoads (Enhanced) Workspace / MDT Civil 3D State Kit r2024 v2.3.0
Released/Revised: 1/9/2026

SUPPORT
Open a Case

UPDATE EXCEL MANAGER BASE FILE

ISSUE:

The MDT Excel Manager programming is updated infrequently but is necessary from time to time. Workbooks created from the MDT Excel Manager base template and saved for projects will not automatically receive the programming updates. Some updates may be critical for the successful operation of the MDT Excel Manager tool.

There is a common issue with Quantity Manager files delivered in the Bentley workspace and being used for links in Civil 3D. The issue is encountering a Microsoft Visual Basic for Applications Compile error “Can’t find project or library” when running the Quantity Manager without MicroStation being installed.

Another common issue with Quantity Manager files delivered in the Bentley workspace is encountering a Microsoft Visual Basic for Applications Compile error “The code in this project must be updated for use on 64-bit systems…” when using 64 bit Excel products.

On 12/22/2025 web page updates were made to support MDT organizational realignment. With this update, the Excel Manager Help button link was broken.

SOLUTION:

Update the Excel Manager to use the most current base file. This can be done by copying the worksheet tabs from the original workbook (except for “Start”) to the most current Excel Manager template.

UPDATE EXCEL MANAGER BASE FILE

The MDT Excel Manager programming updates released in the base file with MDT Civil 3D State Kit r2024 v2.1.1 resolves the Microsoft Visual Basic for Applications Compile error “Can’t find project or library”.

The MDT Quantity Manager programming updates released 1/12/21 (EM-10017, Consultant Workspace Version 4.0) resolve the Microsoft Visual Basic for Applications Compile error “The code in this project must be updated for use on 64-bit systems…”

The MDT Excel Manager template Help button link was restored in the MDT Excel Manager template accessed from the MDT Tools ribbon in Civil 3D with MDT Civil 3D State Kit release 2.3.0. To correct the Help button link for saved project MDT Excel Manager files, update the MDT Excel Manager file to use the most current base file.

PROCEDURE:

1) Access the saved project Excel Manager file and modify the name, e.g. XXXXXXXRDQMG001.xlsm could be renamed as XXXXXXXRDQMG001_back.xlsm.

2) Create a new Excel Manager file using the latest procedures. Refer to discipline specific procedure guides on the Engineering Apps & Resources web page - https://www.mdt.mt.gov/business/dgtdlv/library.aspx#topic-filter:path=.proc|category-filter:path=default|sort:path~type~order=.theme~text~asc|software-filter:path=.excel.

   Note: For Bentley projects, create a new base file from within MicroStation/Power Geopak (Road Tools > Summary Sheets > Create Excel Quantity File).

3) Save the new Excel Manager file in the same location previously used having the same file name as the original, e.g. XXXXXXXRDQMG001.xlsm

   Note: When the file name and location is equal to the original file, links within MicroStation and Civil 3D will function to update the frames. If the file name or location are changed, the linked data will not update.

4) Open the new Excel Manager workbook file if not already open. Follow the traditional process for enabling macro content, noting the steps numbered in the “Start” worksheet tab. Choose “Run MDT Excel Manager”.

5) Choose the “Copy Worksheets” button. Use the file dialog box to find the renamed Excel Manager file (e.g XXXXXXXRDQMG001_back.XLSM) then click “Open”.

6) Allow the process to complete, then click “OK” in the message box.

7) Save the Excel workbook file.

8) You may delete the original renamed file (e.g. XXXXXXXRDQMG001_back.xlsm) when you feel the file is no longer necessary.