



MONTANA

Department of Transportation

Engineering Systems CADD Support

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 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.

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.

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”.

Application/Tool(s):
Excel Manager

Version(s):
MDT 2024: v01.00.00

Environment:
OpenRoads (Enhanced)
Workspace
MDT Civil 3D State Kit r2024
v2.1.1

Released/Revised:
3/21/2025

SUPPORT

MDT Engineering
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https://montana.servicenowservices.com/citizen?id=sc_cat_item&sys_id=13ac75551bc1091049e0ed3ce54bcb3d

UPDATE EXCEL MANAGER BASE FILE

PROCEDURE:

- 1) Access the saved project Excel Manager file and modify the name, e.g. XXXXXXXXRDQMG001.xlsm could be renamed as XXXXXXXXRDQMG001_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/engops/library.aspx#topic-filter:path=.proc|category-filter:path=default|sort:path~type~order=.theme~text~asc|software-filter:path=.excel>.
- 3) Save the new Excel Manager file in the same location previously used having the same file name as the original, e.g. XXXXXXXXRDQMG001.xlsm

Note: When the filename and location is equal to the original file, links within MicroStation and Civil 3D will function to update the frames. If the filename 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 XXXXXXXXRDQMG001_back.XLSM renamed earlier 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. XXXXXXXXRDQMG001_back.xlsm) when you feel the file is no longer necessary.