MONTANA
Department of Transportation

**Project Development & Delivery** - Digital Design and Modeling Services

**Support Guide**

| | |
|---|---|
| Application/Tool(s): | AutoCAD / Civil 3D |
| Version(s): | 13.8.1704.0 Civil 3D 2026.2.1 Update<br>13.6.2123.0 Civil 3D 2024.4.6 Update<br>13.4.2455.0 Civil 3D 2022.2.6 Update |
| Environment(s): | MDT Civil 3D State Kit r2026 v2026.1.0<br>MDT Civil 3D State Kit r2024 v2.3.1<br>MDT Civil 3D State Kit r2022 v1.25 |
| Released/Revised: | 7/27/2026 |




SUPPORT
Open a Case

# SAVING USER CUSTOMIZED CIVIL 3D STATE KIT CONTENT

**ISSUE:**

Civil 3D program files, data, and state kit content will be deleted with Civil 3D upgrades and MDT Civil 3D State Kit updates. Data loss will occur if user customized content is saved in program paths:

- C:\ProgramData\Autodesk
- C:\mdoh\StateKit\Civil 3D\2022
- C:\mdoh\StateKit\Civil 3D\2024
- C:\mdoh\StateKit\Civil 3D\2026

**SOLUTION:**

User created content (subassemblies, assemblies, block libraries, palettes, templates, tools, etc.) saved in the identified paths will need to be relocated to alternate locations. The MDT Civil 3D State Kit is delivered with a dedicated location for user customized content to be stored safely from upgrades and updates.

## SAVING USER CUSTOMIZED CIVIL 3D STATE KIT CONTENT

Customized subassembly and assembly files are prepared in a dedicated location and saved with project files in Autodesk Forma (or identified document management system for consultants external to MDT).

Subassembly non-PKT files used with Civil 3D 2022 and prior versions require special attention.

See "Managing Subassembly Reference Files (PKT) in a DWG and for Projects" for creating and saving PKT subassemblies.

**PROCEDURE:**

Custom User Palettes

A user palette is delivered with the MDT Civil 3D State Kit to allow for user palette content to be created and stored safe from state kit updates. The following guide provides further information to help with making use of the user tool palettes.

See MDT Civil 3D State Kit User Tool Palettes – Release 2026 for MDT Civil 3D State Kit release 2026 user palette reference.

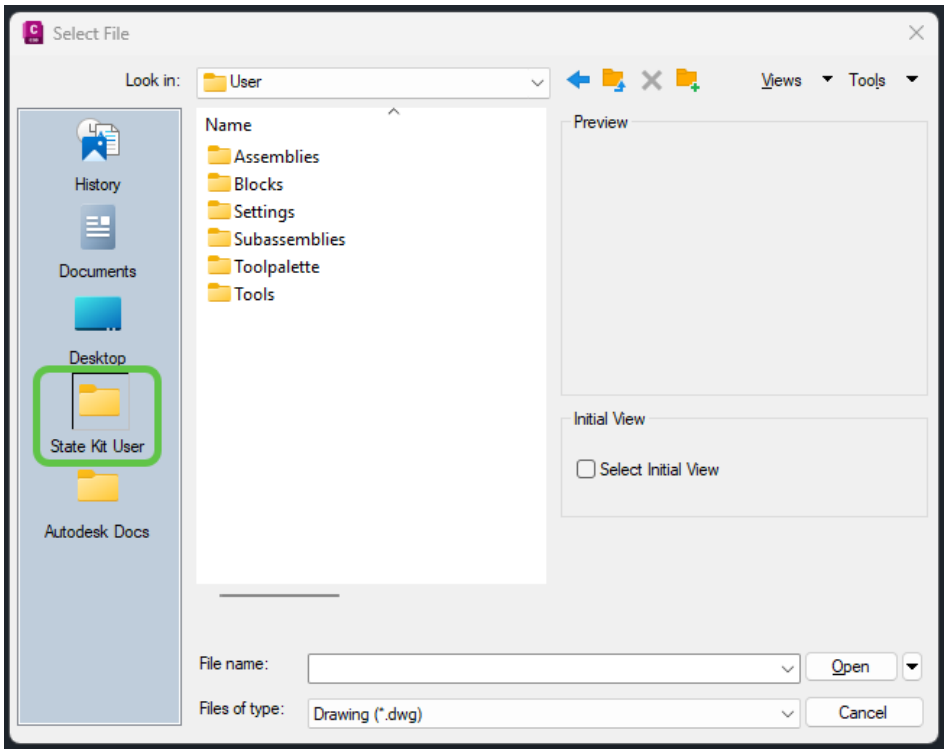
The guide is also accessible from the delivered "Main" user palette within Civil 3D.

1) *Open* Civil 3D using the "Civil 3D 2026 Montana" shortcut.
2) *Open* existing drawing file or *create* new drawing file.
3) *Access* the **USER PALETTE GROUP** tool palette *(MDT Tools ribbon > MDT Palettes panel > User Palette Group tool)*.
4) The User Tool Palette group will open in the Tool Palettes menu. *Click* **USER TOOL PALETTES HELP** to access guidance for use of the user tool palettes saved to the User folder.

Storing Other Content

1) *Install* **MDT CIVIL 3D STATE KIT** using the MDT State Kit Updater if not previously installed.
2) *Open* **FILE EXPLORER**.
3) *Navigate* to C:\mdoh\StateKit\Civil 3D\User.
4) *Review* **README.TXT** within each subfolder for suggested use.
5) *Save or relocate* customized content to the User folder.

**Tip:** Within Civil 3D a shortcut to the Users folder is prepared in the Places list.




Storing Non-PKT Subassemblies

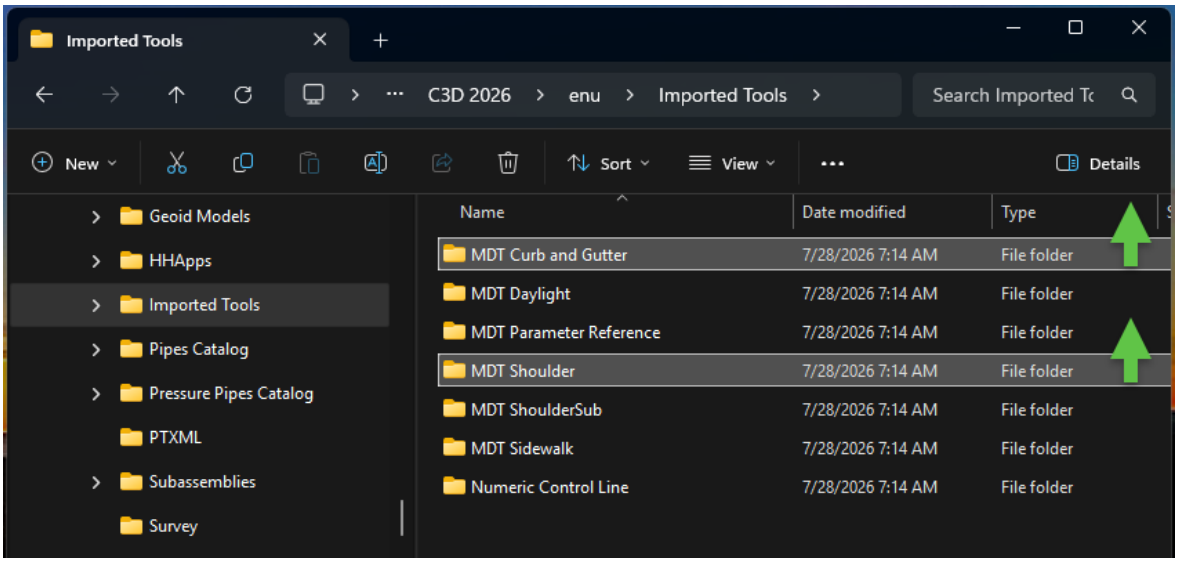
1) *Open* **FILE EXPLORER**.
2) Copy any user customized subassembly files to Autodesk Forma (or identified document management system for consultants external to MDT) for storage with project files.
    1. *Navigate* to **C:\PROGRAMDATA\AUTODESK\C3D 2026\ENU\IMPORTED TOOLS**.

        **Note:** The “C3D 2026” folder is relative to the Civil 3D version installed.

    2. *Copy* any edited or added folders.

        **Note:** MDT Civil 3D State Kit delivered non-PKT subassembly files will continue to be delivered with MDT Civil 3D State Kit r2026 versions.

        **Note:** Edited or added folders and content would include any new or edited PKT files prepared in the Subassembly Composer and imported on a tool palette by a user subsequent to any state kit installation. Opening the Civil 3D tool palette(s) where user customized subassemblies were imported and reviewing the properties will reveal the folder path(s) if unsure what folders need to be copied.




3. *Navigate* to the **AUTODESK DOCS** (or identified document management system for consultants external to MDT) project directory path for the project that subassemblies were applied to and *open* the appropriate Folder, e.g. RD or SA.

   **Note:** Multiple copies may be needed to achieve a copy for each project the subassemblies were applied. This will also serve to have an accessible copy for alternate design team members working on the project(s).

4. *Create* folder “Subassemblies” if not already present.

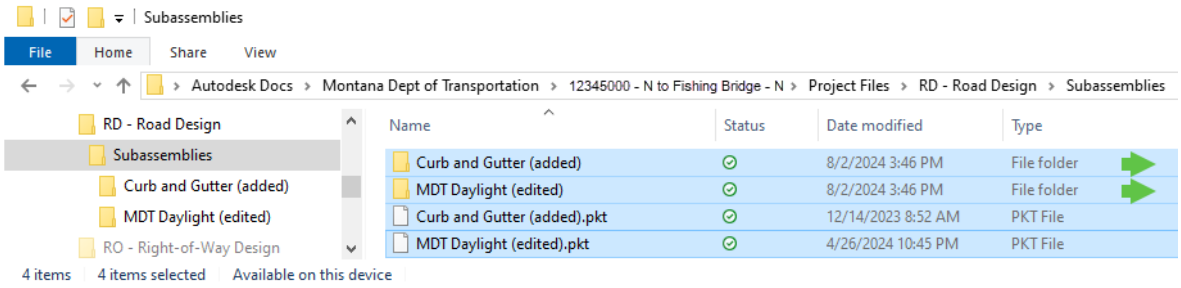
5. *Paste* the previously copied, edited, or added folders.

   **Note:** Saving the source PKT file(s) and ATC palette file(s) used to import the subassemblies resulting in the non-PKT subassembly files to the same project “Subassemblies” folder(s) is highly recommended. See “Custom User Palettes” section above for further information on possible locations to find these files.

3) Locating a copy of non-PKT subassembly files in the above-mentioned “Imported Tools” folder is necessary for design use.

   1. *Copy* non-PKT subassembly folders and content previously added to Autodesk Forma (or identified document management system for consultants external to MDT) to the **C:\PROGRAMDATA\AUTODESK\C3D 2026\ENU\IMPORTED TOOLS** folder.

      **Note:** The “C3D 2026” folder is relative to the Civil 3D version installed.



## SAVING USER CUSTOMIZED CIVIL 3D STATE KIT CONTENT

**Important!** If user content was not saved in the User folder (or copied to the project folder in Autodesk Forma for subassembly files) and needs to be relocated, review these commonly customized content locations. Content in these locations **will be deleted** with Civil 3D upgrades and MDT Civil 3D State Kit updates:

| Content | Path |
|---|---|
| Non-PKT Subassemblies | C:\ProgramData\Autodesk\C3D 2022\enu\Imported Tools<br>C:\ProgramData\Autodesk\C3D 2024\enu\Imported Tools<br>C:\ProgramData\Autodesk\C3D 2026\enu\Imported Tools |
| PKT Subassemblies | C:\mdoh\StateKit\Civil 3D\2024\Subassemblies<br>C:\mdoh\StateKit\Civil 3D\2026\Subassemblies |
| Assembly Drawings | C:\mdoh\StateKit\Civil 3D\2022\Assemblies<br>C:\mdoh\StateKit\Civil 3D\2024\Assemblies<br>C:\mdoh\StateKit\Civil 3D\2026\Assemblies |
| Start Templates | C:\mdoh\StateKit\Civil 3D\2022\Templates_Start-Dwg<br>C:\mdoh\StateKit\Civil 3D\2024\Templates_Start-Dwg<br>C:\mdoh\StateKit\Civil 3D\2026\Templates_Start-Dwg |
| Reference Templates | C:\mdoh\StateKit\Civil 3D\2022\Templates\Reference<br>C:\mdoh\StateKit\Civil 3D\2024\Templates\Reference<br>C:\mdoh\StateKit\Civil 3D\2026\Templates\Reference |
| Block Libraries | C:\mdoh\StateKit\Civil 3D\2022\Blocks<br>C:\mdoh\StateKit\Civil 3D\2024\Blocks<br>C:\mdoh\StateKit\Civil 3D\2024\Blocks |
| Autodesk Default Save | C:\Users\uXXXX\AppData\Roaming\Autodesk\C3D 2022<br>C:\Users\uXXXX\AppData\Roaming\Autodesk\C3D 2024<br>C:\Users\uXXXX\AppData\Roaming\Autodesk\C3D 2024 |
| Autodesk Default Save | C:\Users\uXXXX\AppData\Local\Autodesk\C3D 2022<br>C:\Users\uXXXX\AppData\Local\Autodesk\C3D 2024<br>C:\Users\uXXXX\AppData\Local\Autodesk\C3D 2026 |

**LINKS:**

Managing Subassembly Reference Files (PKT) in a DWG and for Projects:
https://www.mdt.mt.gov/other/webdata/external/esdc/library/ManagingSubs.pdf

MDT Civil 3D State Kit User Tool Palettes – Release 2026
https://www.mdt.mt.gov/other/webdata/external/ESDC/library/2024StateKit-UserPalettes.pdf