MONTANA
Department of Transportation

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MDT Civil 3D State Kit - Copy Assembly

YOUTUBE VIDEO DOCUMENTATION

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OVERVIEW

In Civil 3D, subassemblies and assemblies must be copied in specific ways to ensure functionality and there is no quick out-of-the-box method to quickly and safely copy an assembly between two drawings. The **Copy Assembly** command allows for safe copying of assemblies between drawings through a custom “Assembly” right-click menu.

The **Copy Assembly** command is developed and provided by WisDOT.

COMPANION DOCUMENTATION

YouTube Video Link: https://youtu.be/VQOzFicxiZ4?si=jdBsmzr_YpPBEnt7

USING THE COMMAND

1. Type **MDTCopyAssembly** at the command line or press the **Copy Assembly** ribbon button.
2. Select an Assembly by selecting only the Assembly marker.
3. Switch to a different drawing.
4. Paste the assembly by choosing an option from the custom “Assembly” right-click menu.
    a. **Right-click > Assembly > Paste**
       Right-click > Assembly > Paste to Original Coordinates

    Note: The “Assembly” right-click menu is only active after an assembly has been selected with the **Copy Assembly** command.
5. The Assembly is copied.

Warning: Never use the Civil 3D **Right-click > Clipboard** menu to copy and paste an Assembly. Errors or unintended behavior may occur in a corridor built with a clipboard pasted Assembly. To safely paste an Assembly, use the **Copy Assembly** command’s custom **Right-click > Assembly** menu.