



**MONTANA**

Department of Transportation

**Engineering Systems CADD Support**

## **Application Support Guide**

Application/Tool(s): AutoCAD / Civil 3D  
Version(s): 13.4.2455.0 Civil 3D 2022.2.6 Update  
Environment(s): MDT Civil 3D State Kit r2022 v1.24  
Released/Revised: 4/15/2024

# **REDEFINING BLOCKS IN CIVIL 3D FILES**

## **ISSUE:**

Standard Block definition has been revised in the State Kit and needs to be revised in current project drawing files.

This documentation demonstrates how to redefine a block within existing files that were created prior to the current State Kit release.

### SOLUTION:

Update the **Block** in all files that were created with the previous release.

### PROCEDURE:

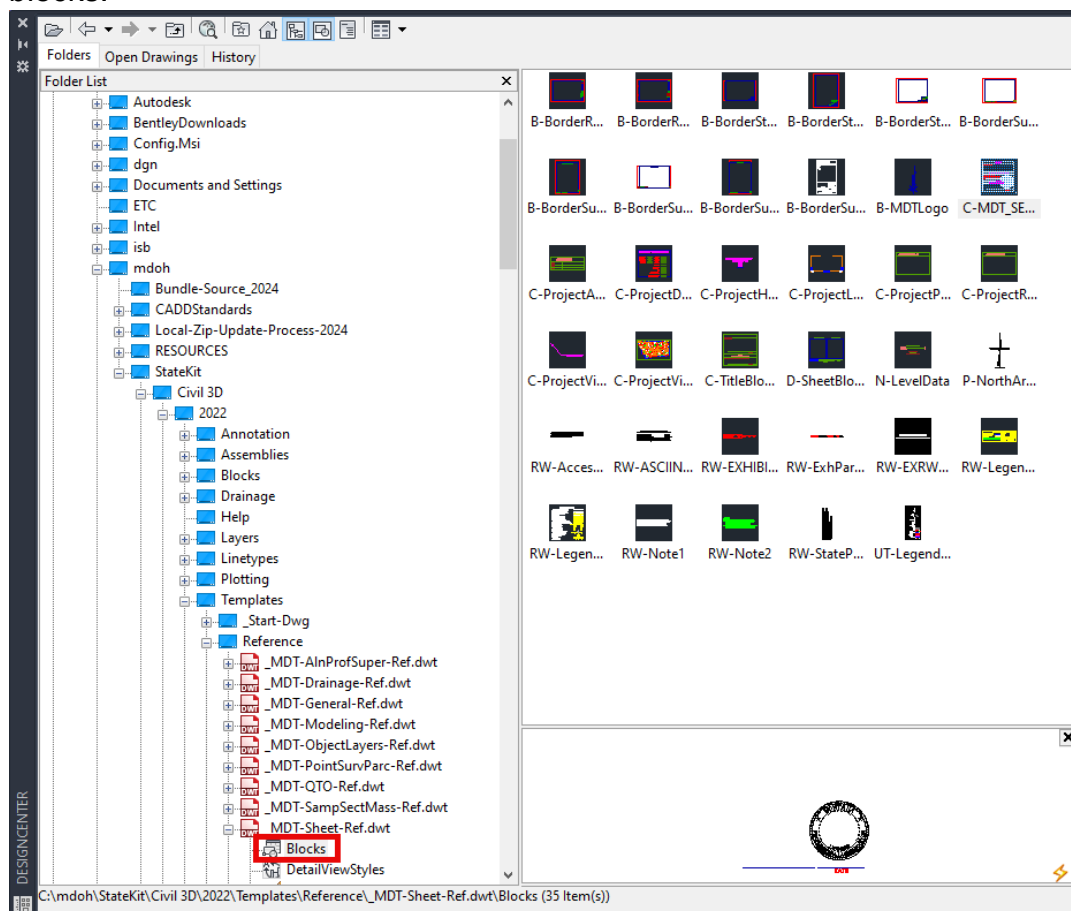
The following are procedures for the referenced solutions.

#### Update the Block

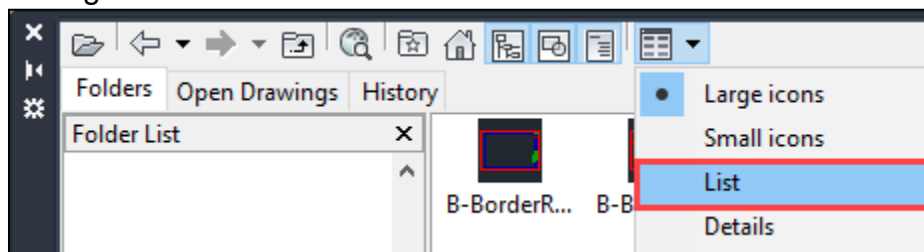
- 1) Open an existing plan production file containing the **Block** made from a previous State Kit version.
- 2) Open the **Design Center** from the palettes dropdown on the *Home* tab (or press **Ctrl+2**), select the **Folders** tab, then from the Folders List **navigate to the file containing the revised block**.

Example:

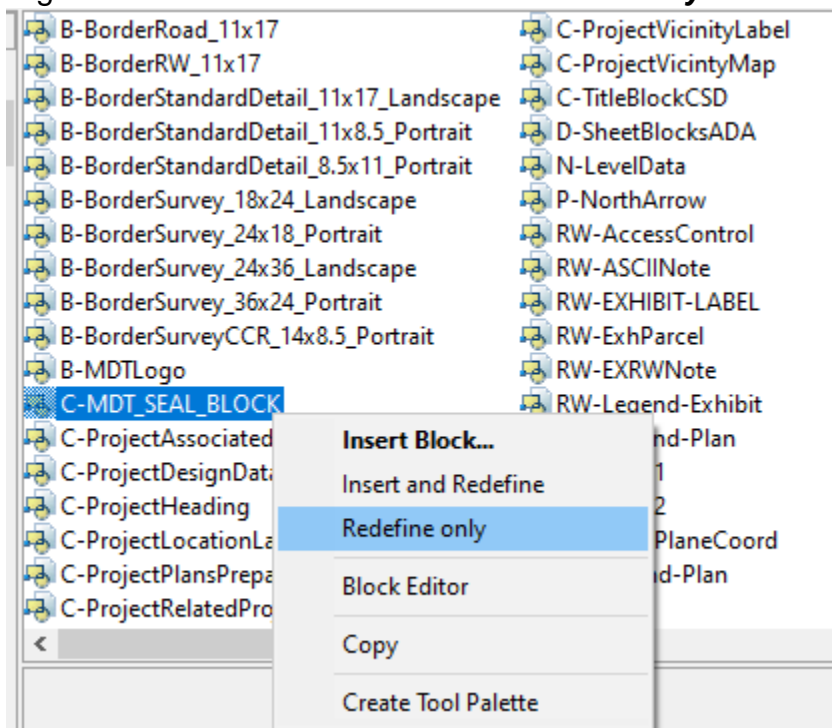
*C:\mdoh\StateKit\Civil 3D\2022\Templates\Reference\MDT-Sheet-Ref.dwt*. Select blocks.



- 3) Change the view from icon to list.



- 4) Right click the **BLOCK** and select **Redefine only**.



- 5) Close out of the *Design Center*.

### Blocks with Attributes

For blocks that have attributes, the attributes will also need to be synced.

- 1) From the Insert Tab, expand the Block panel menu and select Synchronize Attributes (command ATTSYNC).

Blocks that don't update

- 1) If the block isn't displaying with the revision, it may need to be replaced.  
Redefined blocks are accessible within the Current Drawing collection of the Blocks palette.

**SUPPORT CONTACT:**

Please [Open a Case](#) with the MDT Service Desk for assistance. This is also accessible from the [Engineering Apps & Resources](#) web page.