

## Scope

The purpose of this document is to provide guidance for migrating existing KDOT projects designed in our 10.08 workspace to our latest workspace release targeting Civil Schema 2021 Release 2 (10.10).

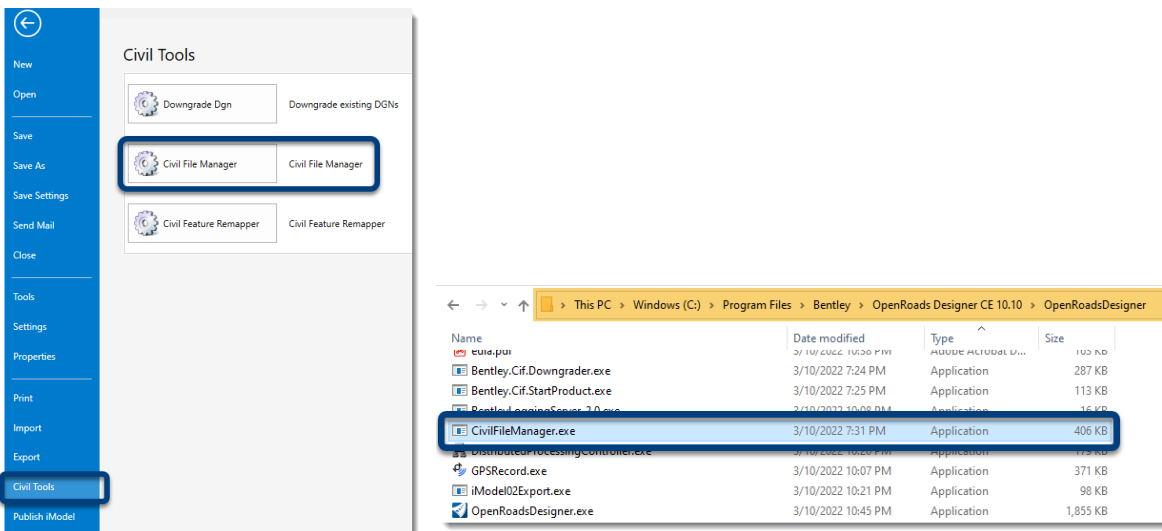
## Considerations

Bentley's OpenRoads 10.10 release is considered a major upgrade, which necessitates an update to the underlying design file civil schema; therefore, the decision to migrate an existing project to this new workspace must be carefully considered. Just because a 10.10 civil schema workspace is now available for use does not mean consultants should immediately convert their existing projects over to use 10.10 civil schema. A potential project migration should be discussed with the KDOT Project Manager to weigh the risks and benefits to ALL project participants. The KDOT Project Manager has the ultimate say on whether a project should be migrated or kept in 10.08 civil schema.

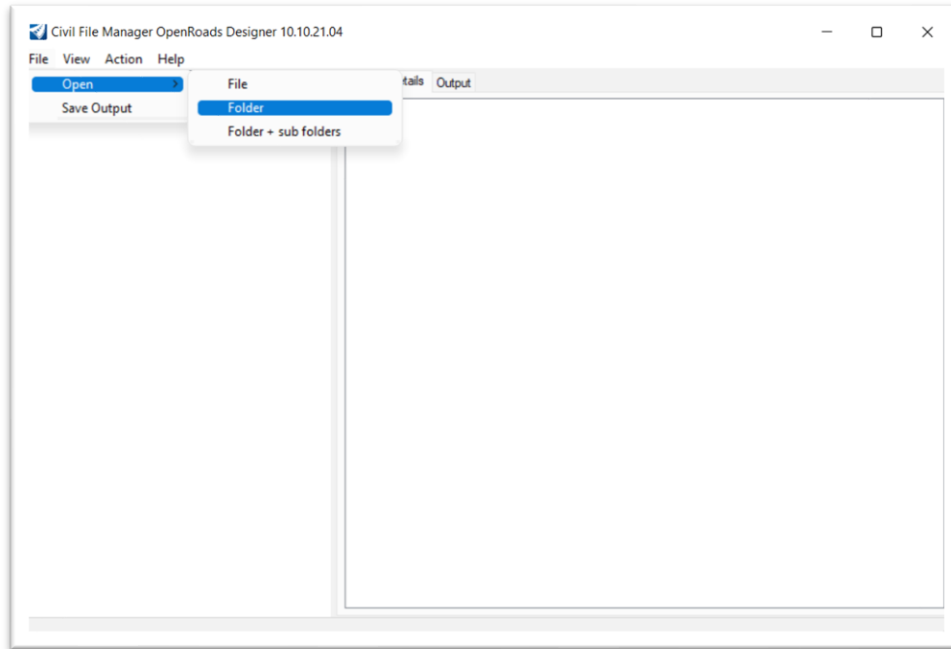
## Guidance

The guidance below demonstrates how to use Bentley's **Civil File Manager** to bulk upgrade existing 10.08 civil schema project data to 10.10 civil schema.

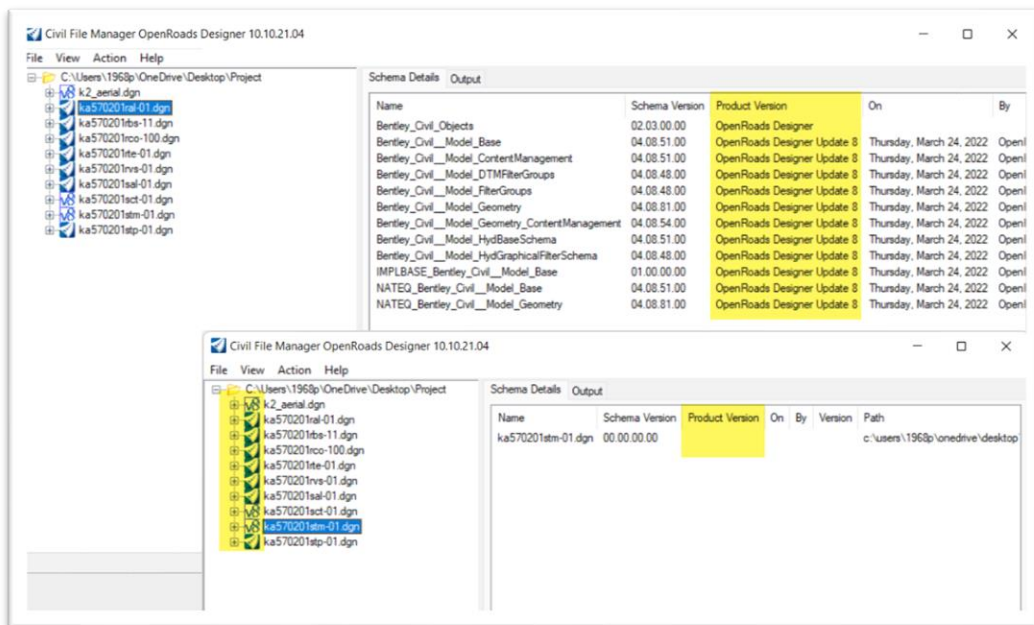
1. Bentley **Civil File Manager** should be utilized to upgrade files to current ORD schema.
  - a. In ORD 10.10.xx.xx, this tool can be found in the **Backstage** area (**Civil Tools** → **Civil File Manager**). The executable can also be found using File Explorer (**C:\Program Files\Bentley\OpenRoads Designer CE 10.10\OpenRoadsDesigner\CivilFileManager.exe**)



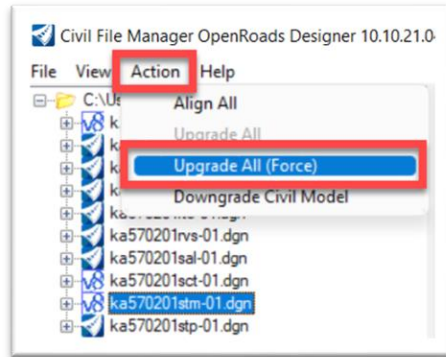
- b. Load the geometry file(s) using the **File**→**Open** pulldown. The image below shows how to open multiple files by selecting the folder.



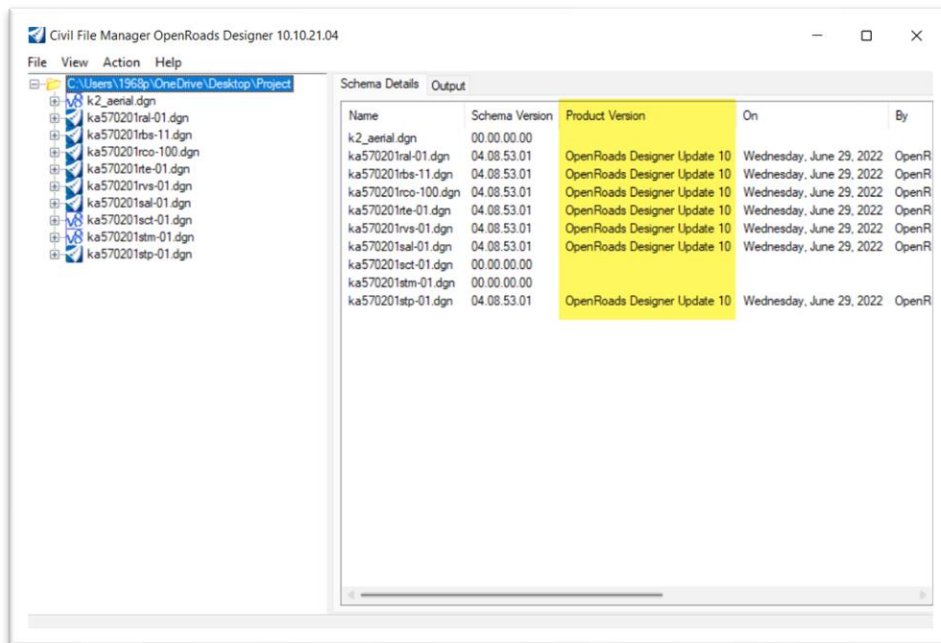
- c. Selecting the file in the left pane will display the details of the file in the right pane. Each file will show details regarding the contents of the file and the associated application used to last edit the file. In the image below, ORD files are highlighted in one panel and a standard MicroStation file in the other. The standard MicroStation file has no civil objects residing within it.



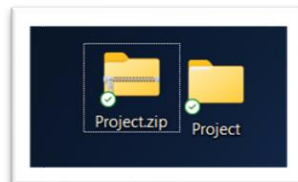
- d. Select **Action** → **Upgrade All (Force)**. If the **Upgrade All (Force)** is not available, it may be necessary to align all files initially.



- e. The **Output** tab will display all actions taken and report when the upgrade is complete.



**A backup folder with the pre-upgrade files is automatically created in the same location as the file/folder selected.**



It is advisable to update standards copied to each file. Updating the standards will copy the latest feature definitions, element templates, annotation groups & definitions into the design file, overwriting the settings existing in the file.

To update a file:

1. Open the file using the new workspace.
2. In the **Project Explorer**, right-click on the active design file in the **OpenRoads Standards** task and select **Update Standards from dgnlib** command from the pop-up menu.

