

MoDOT Workspace Configuration Guide

OpenRoads Designer (ORD) Version 24.00.02.25

Purpose

This document provides instructions for properly installing and activating the Missouri Department of Transportation (MoDOT) Workspace for OpenRoads Designer (ORD) version 24.00.02.25. It also outlines important considerations regarding ORD version compatibility and schema changes.

Installation Instructions

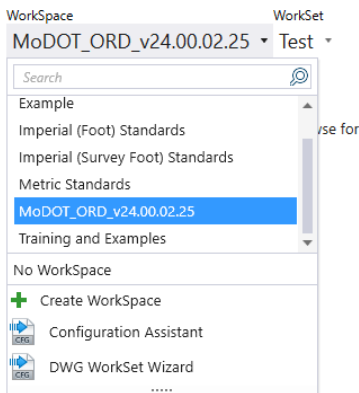
Follow the steps below to install and activate the MoDOT ORD workspace:

- Extract the contents of the provided ZIP file.
- Copy the following items into the directory shown.
 - MoDOT_ORD_v24.00.02.25.cfg
 - MoDOT_ORD_v24.00.02.25 (folder)

C:\ProgramData\Bentley\OpenRoads Designer 2024.00\Configuration\WorkSpaces

Name	Date modified	Type	Size
Example	5/20/2025 8:02 AM	File folder	
Imperial (Foot) Standards	5/20/2025 8:04 AM	File folder	
Imperial (Survey Foot) Standards	5/20/2025 8:04 AM	File folder	
Metric Standards	5/20/2025 8:04 AM	File folder	
MoDOT_ORD_v24.00.02.25	5/14/2026 9:23 AM	File folder	
NoWorkSpace	11/26/2025 10:57 AM	File folder	
Template	9/9/2025 7:10 AM	File folder	
Training and Examples	5/20/2025 8:04 AM	File folder	
Users	7/2/2025 12:35 PM	File folder	
Example.cfg	7/9/2025 7:57 PM	Bentley MicroStati...	2 KB
Imperial (Foot) Standards.cfg	7/9/2025 8:06 PM	Bentley MicroStati...	13 KB
Imperial (Survey Foot) Standards.cfg	7/9/2025 8:06 PM	Bentley MicroStati...	13 KB
Metric Standards.cfg	7/9/2025 8:06 PM	Bentley MicroStati...	13 KB
MoDOT_ORD_v24.00.02.25.cfg	12/15/2025 3:37 PM	Bentley MicroStati...	31 KB
Training and Examples.cfg	7/9/2025 8:06 PM	Bentley MicroStati...	6 KB

OpenRoads Designer 2024



Version Compatibility Considerations

Version compatibility is essential when working with OpenRoads Designer workspaces. ORD releases introduce schema changes that affect how files and workspaces interact across versions. The following guidance should be observed:

- A workspace must not be built using a newer version of ORD than the user's installed version, especially when schema changes exist.
- Including the workspace build version (e.g., v24.00.02.25) ensures clarity about the version used.

QuanTab Application

QuanTab application is included in the consultant workspace. This add-on application gives you the option to create quantities using a specific excel sheet as provided in the workspace and then import that data into the dgn file while adhering to our MoDOT CADD detailing standards.

MoDOT will provide QuanTab as-is without warranty.

MoDOT will not provide support for the QuanTab application and will not be liable for what the QuanTab application does or creates.

Note: when workspace is on a network location, make sure unblock (right click - properties - general folder) the two quantab files for it will run properly in OpenRoads Designer.

You will get the "Unknown keyin or command" in OpenRoads Designer if those files are blocked.

Printing

MoDOT printing and configuration files are included in the consultant workspace.

MoDOT will provide our printing setup as-is without warranty.

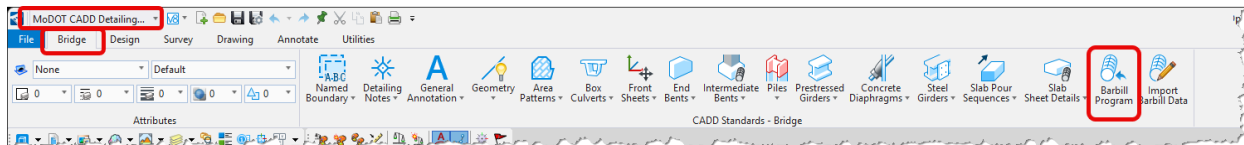
MoDOT will not provide support and will not be liable for what the MoDOT printing setup does or creates.

Barbill Application

As outlined in the MoDOT workspace download instructions, the "Barbill Program Files" folder and its supporting files should be placed in the designated workspace directory to ensure proper integration with OpenRoads Designer.

**C:\ProgramData\Bentley\OpenRoads Designer
2024.00\Configuration\WorkSpaces\MoDOT_ORD_v24.00.02.25**

Storing the files in this location enables users to access the Barbill application through the MoDOT CADD Detailing Standards workflow, specifically under the Bridge ribbon tab within OpenRoads Designer.



Note: Detailed usage instructions for the Barbill application can be found in the **ORD-Barbill_Manual_V2-0.pdf** manual provided with the workspace.

If the "Barbill Program Files" folder is not placed in the directory specified above, the "Barbill Program" icon within OpenRoads Designer will not function.

In this situation, users or admins will need to modify the following configuration variable stored in **MoDOT_ORD_v24.00.02.25.cfg** to the correct file path to launch the Barbill application.

```
#=====
# Bridge Barbill
#=====

BRIDGE_BARBILL = "C:\ProgramData\Bentley\OpenRoads Designer 2024.00\Configuration\WorkSpaces\MoDOT_ORD_v24.00.02.25\Barbill Program Files\openBarbill.vbs"
```

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