

OpenRoads Designer (ORD) – Getting the NJDOT Workspace Locally or in ProjectWise

This document is a guide to assist people to utilize the NJDOT Configuration files for use with OpenRoads Designer (ORD) software. By now, it is assumed the zip file has been downloaded and is sitting in the Downloads folder at this point.

Utilization of the zipped contents vary due to organizational choices or personal preferences. Hence, a walkthrough of how to incorporate the configuration files both locally and through ProjectWise will be covered in this document, with some variations based on the version of software used.

Specifically, the following topics will be covered in this document:

- [Preparation: Extraction and Deciding](#)
- [Getting the NJDOT Workspace Locally for OpenRoads Designer in a Simple Method](#)
- [Getting the NJDOT Workspace Locally for OpenRoads Designer 2022 Release 3 or later \(ORD 10.12 or later\)](#)

Before each walkthrough, a short list is seen to show the versions used in the screenshots, with the intent to better inform both support staff and users if a problem was encountered while following the steps.

These steps also apply for when user preferences must be purged, or when a “Restore Defaults” operation is performed when experiencing odd behavior with the software.

Please Note: There are many methods to get the workspace to the desired location. If a method to utilize the workspace was already established prior to reading the walkthroughs, they can be ignored if desired as they are meant to guide people where needed.

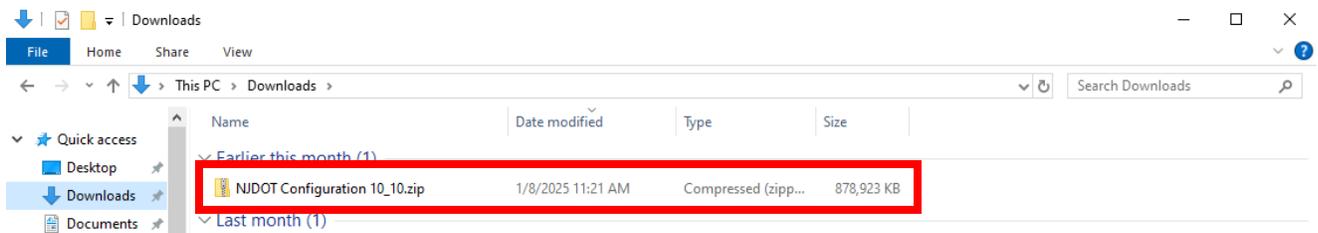
Any questions or clarifications regarding this document or the provided workspace should be directed to the CADD Unit email address:

DOT-HTD.CADDUnit@dot.nj.gov

Preparation – Extracting the Configuration Files and Deciding Where to Have Them

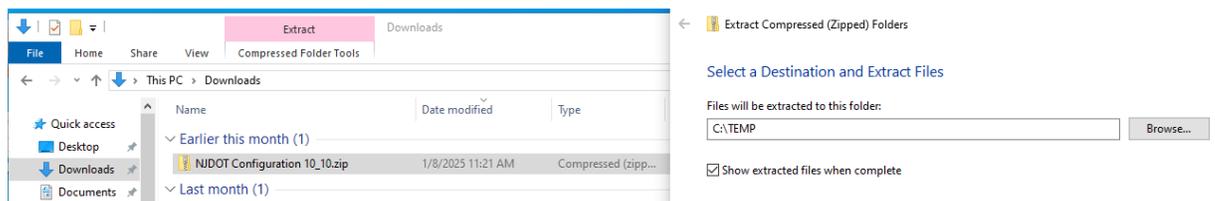
Software Used for Screenshots: Windows 10

When you first download the NJDOT workspace from the website, it places the zip file into your Downloads folder.

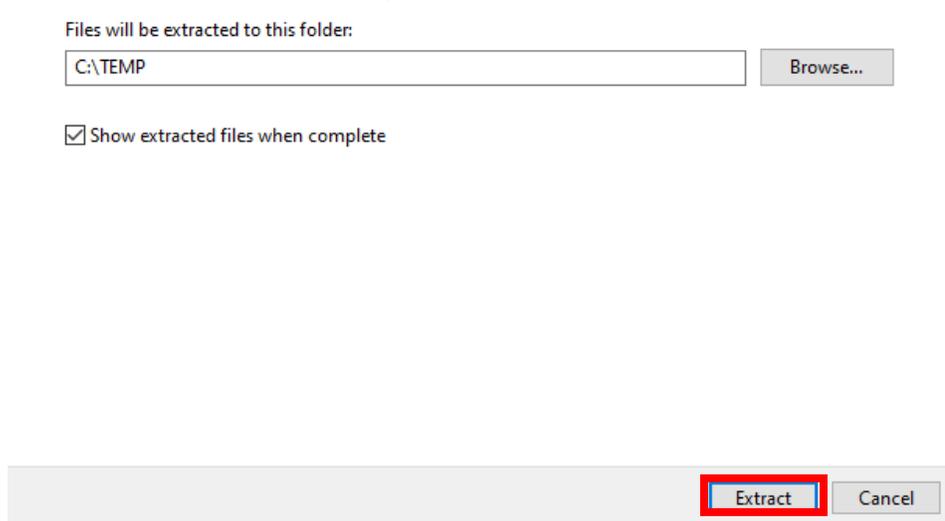


This zip file must have its contents extracted to utilize it for the later steps.

1. Locate the zip file in the Downloads folder. Do a right-click and “Extract All” operation.
2. In the pop-up window, choose the location where the contents will be placed. This can be extracted to the desired location of choice. For this demonstration, the contents will be placed in a location called “C:\TEMP”

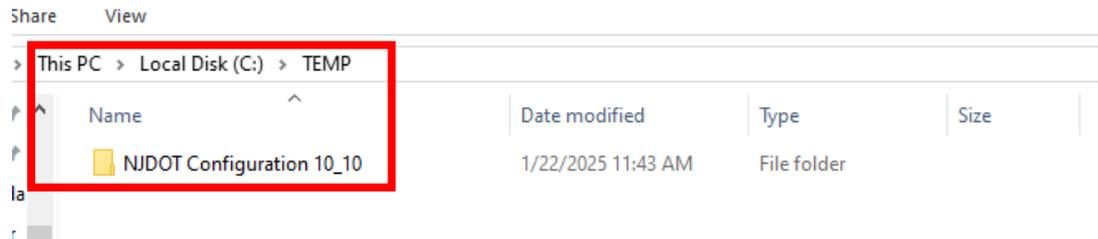


Once the location is set, left-click on “Extract”.

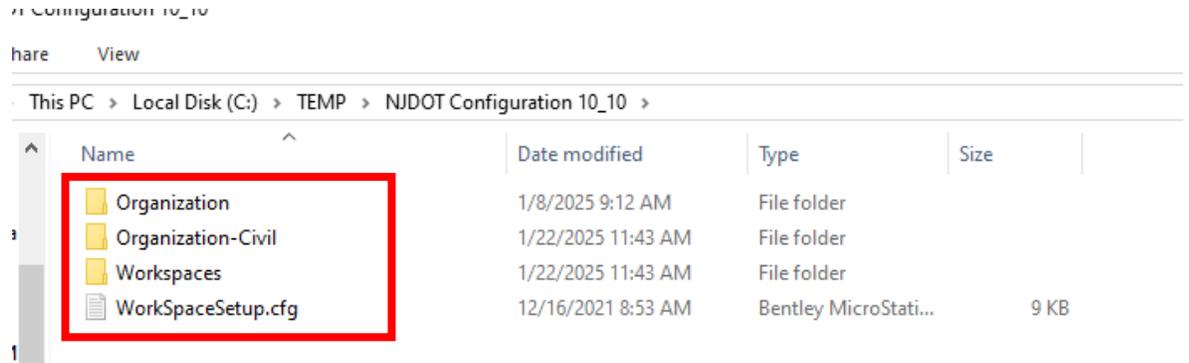


Due to the size of the zip file, it will take some time for this operation to complete.

3. Once fully extracted, double check the work.
 - a. Check if the folder exists wherever it was extracted to.



- b. Ensure the contents within the folder contain folders and documents as seen below.



Once this is done, the folders are ready to be used. Depending on organizational preferences, these configuration files may be stored within a local network for people to connect to, onto ProjectWise if the organization uses it, or locally on a per machine basis.

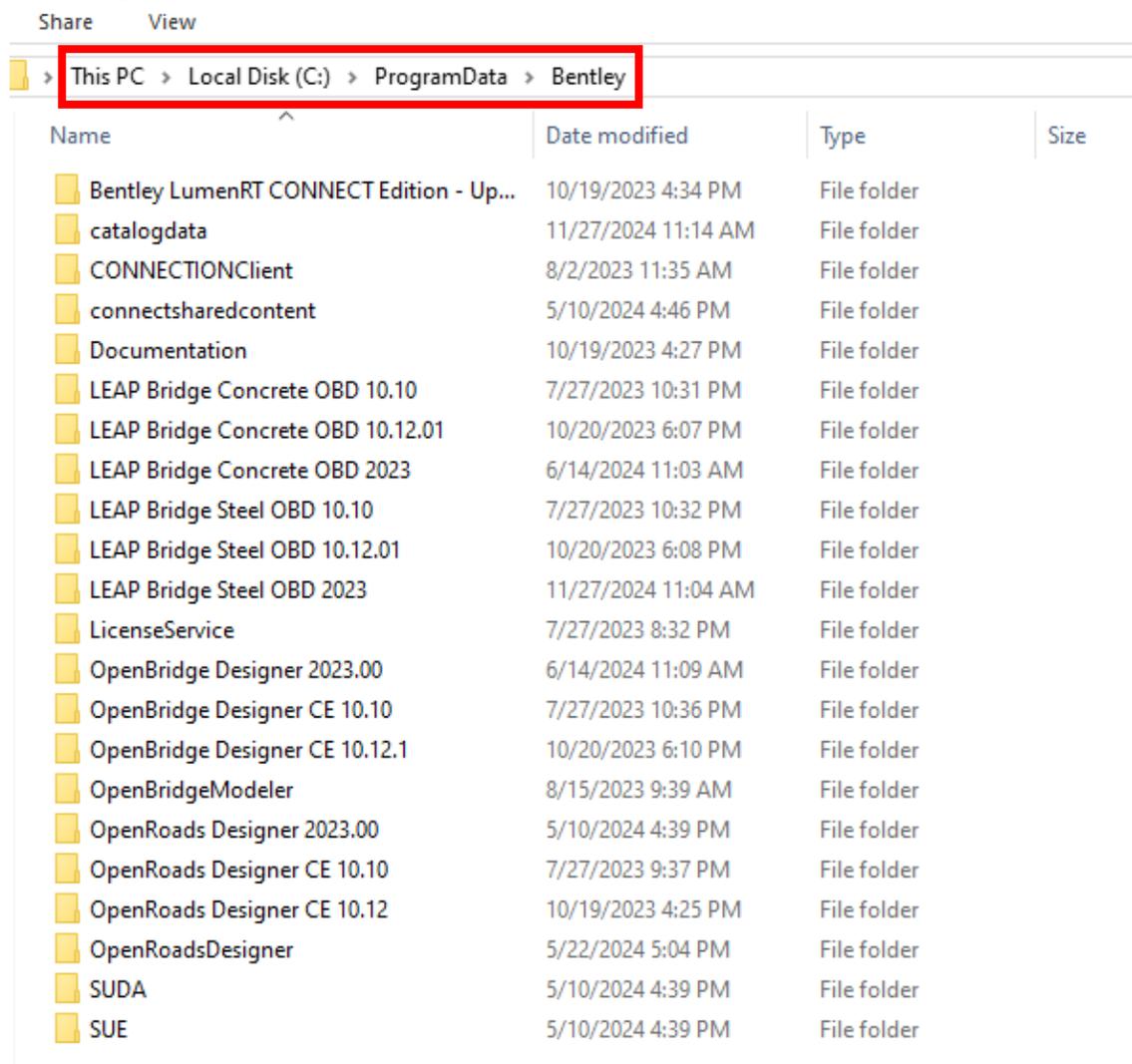
Find the proper subsection based on which applies to the organizational preferences and follow the steps there. However, feel free to ignore the sections if a method to get the configurations ready is already established within the organization.

A Simple Method to Get the NJDOT Workspace Locally on OpenRoads Designer (ORD)

Software used for Screenshots: Windows 10,

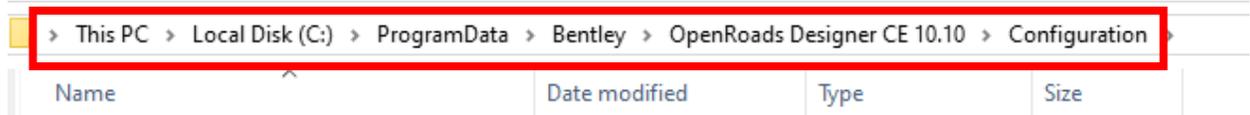
This process can be done regardless of the version of OpenRoads Designer used and can be copied to other machines easily when performed once.

1. On the computer needing configuration, go to the following path:
C:\ProgramData\Bentley

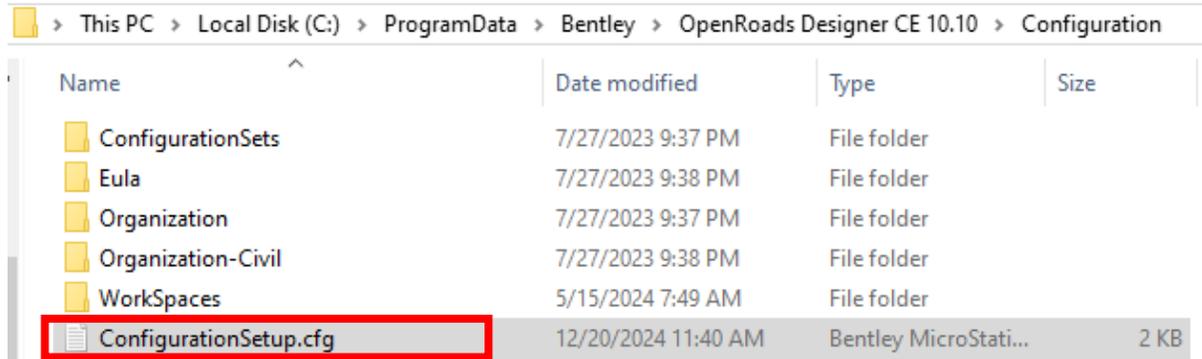


2. Locate and open the folder with the name of the version of OpenRoads Designer to be used. For this demonstration, OpenRoads Designer CE

10.10 will be used. Then go open the Configuration folder there.

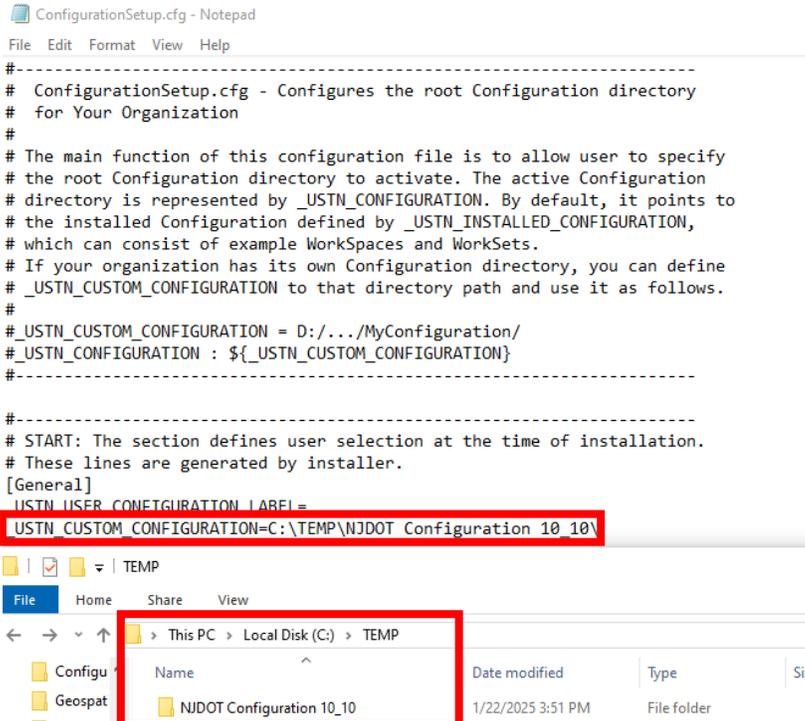


3. Locate the ConfigurationSetup.cfg file. Open that file.



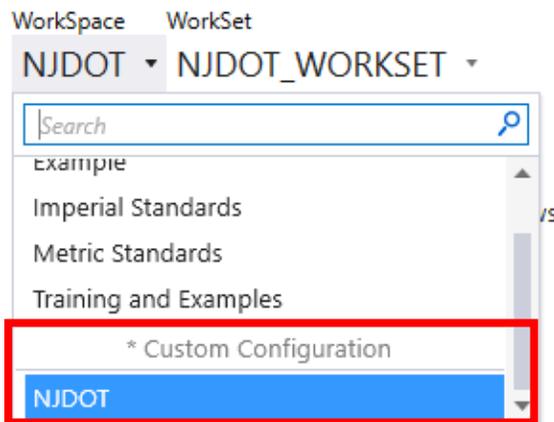
```
ConfigurationSetup.cfg - Notepad
File Edit Format View Help
#-----
# ConfigurationSetup.cfg - Configures the root Configuration directory
# for Your Organization
#
# The main function of this configuration file is to allow user to specify
# the root Configuration directory to activate. The active Configuration
# directory is represented by _USTN_CONFIGURATION. By default, it points to
# the installed Configuration defined by _USTN_INSTALLED_CONFIGURATION,
# which can consist of example WorkSpaces and WorkSets.
# If your organization has its own Configuration directory, you can define
# _USTN_CUSTOM_CONFIGURATION to that directory path and use it as follows.
#
# _USTN_CUSTOM_CONFIGURATION = D:/.../MyConfiguration/
# _USTN_CONFIGURATION : ${_USTN_CUSTOM_CONFIGURATION}
#-----
#-----
# START: The section defines user selection at the time of installation.
# These lines are generated by installer.
[General]
_USTN_USER_CONFIGURATION_LABEL=
_USTN_CUSTOM_CONFIGURATION=
[SetConfiguration]
%if !defined (_USTN_USER_CONFIGURATION)
%if defined (_USTN_CUSTOM_CONFIGURATION) && ($_USTN_CUSTOM_CONFIGURATION) != "" && exists ($_USTN_CUSTOM_CONFIGURATION)
_USTN_CONFIGURATION = $_USTN_CUSTOM_CONFIGURATION
%endif
%endif
```

4. Change the variable “_USTN_CUSTOM_CONFIGURATION” and make it equal to where the zip file was first extracted in the preparation section.



5. Save and close the cfg. Open the ORD version of the same name as the folder the cfg was edited. On the drop-down menu for the Workspace, double-check the NJDOT configuration is there, and it automatically selects the associated workset with it.

OpenRoads Designer CE

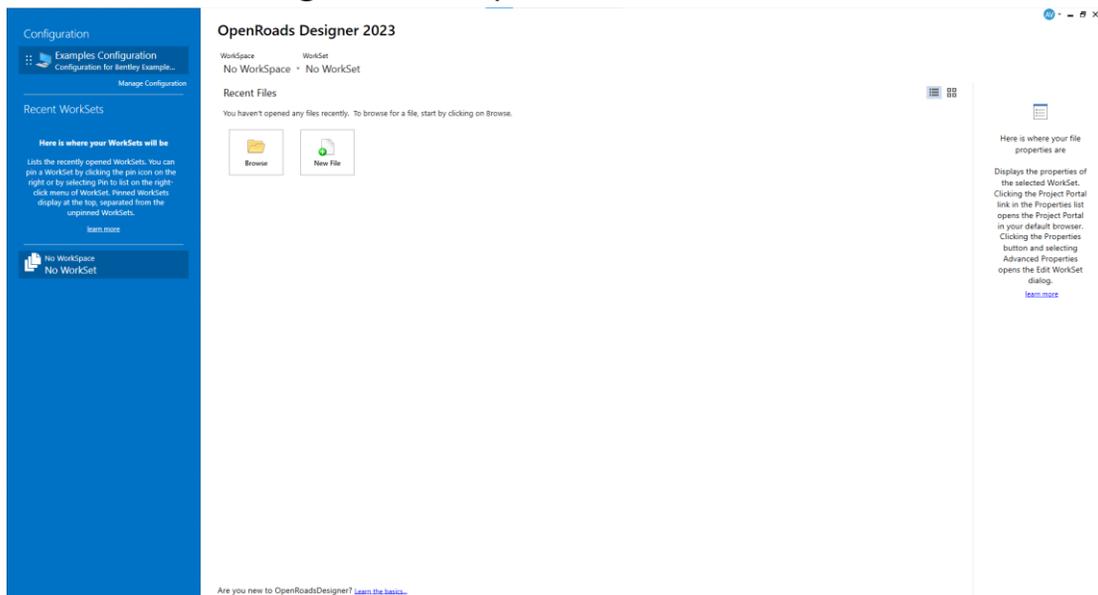


Getting the NJDOT Workspace Locally on a Per-Machine-Basis for OpenRoads Designer 2022 Release 3 or Later (ORD 10.12 or later)

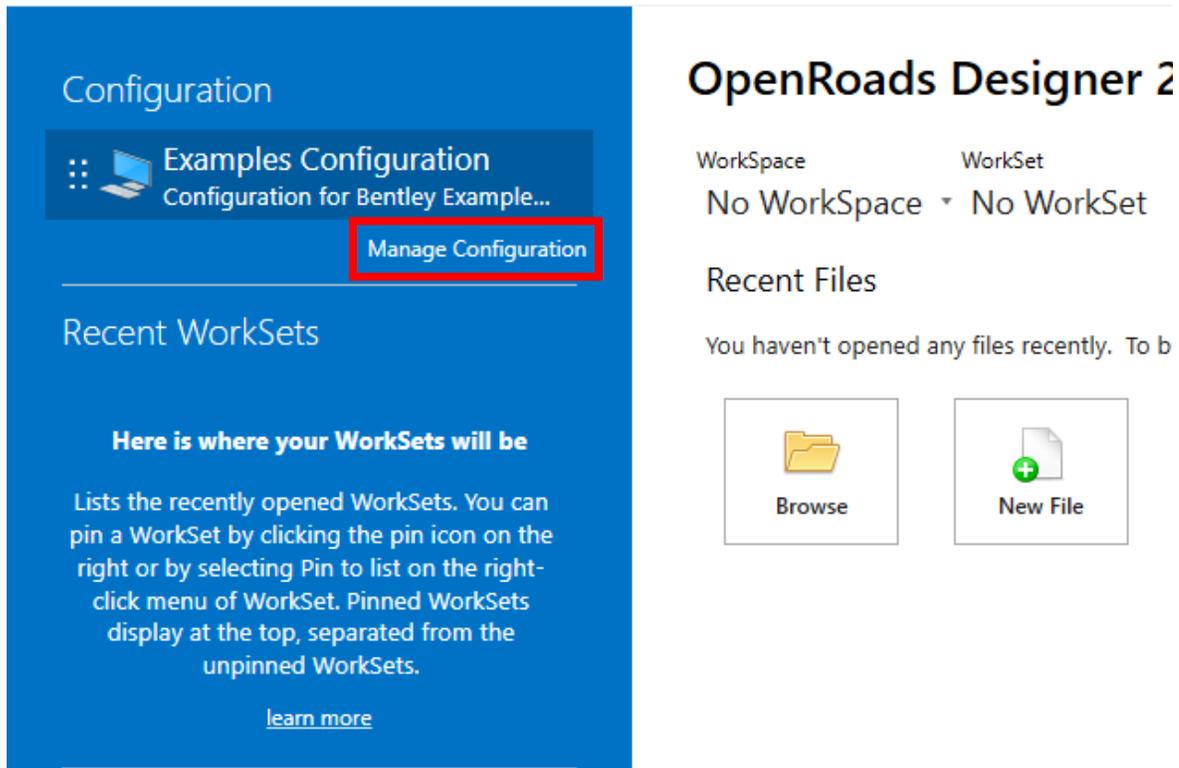
Software used for screenshots: OpenRoads Designer 2023

The process is the same so long as the version of OpenRoads Designer is the same or later than what is noted in the section title.

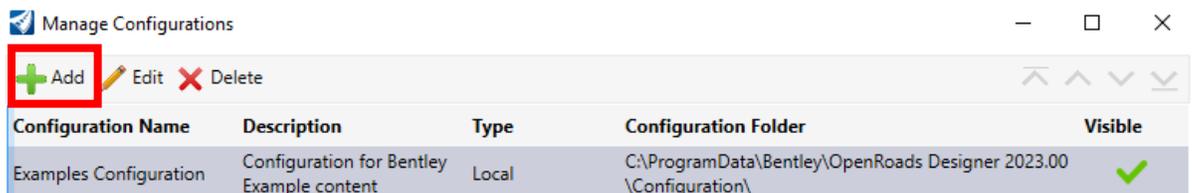
1. Open the version desired or the primary version used as designated by organizational preferences. Wait until the software loads the screen where a workspace and workset can be chosen and where it shows the recent files utilizing said workspaces.



On the top-left, a button saying “Manage Configuration” is found. Left-click it.



2. In this new window, a list of various configurations appears. Click on the “Add” button to add the NJDOT configuration.



3. Give this configuration a name and description, up to the preferences of the reader. One of the lines asks for a configuration folder. Select “Browse”, and then select the recently extracted configuration folder.

New Configuration

Configuration Name: NJDOT (30 max character)

Description: Provided NJDOT Configuration from their website (200 max character)

Type: Local

Configuration Folder: **Browse..**

Visible:

Workspace Setup *i*

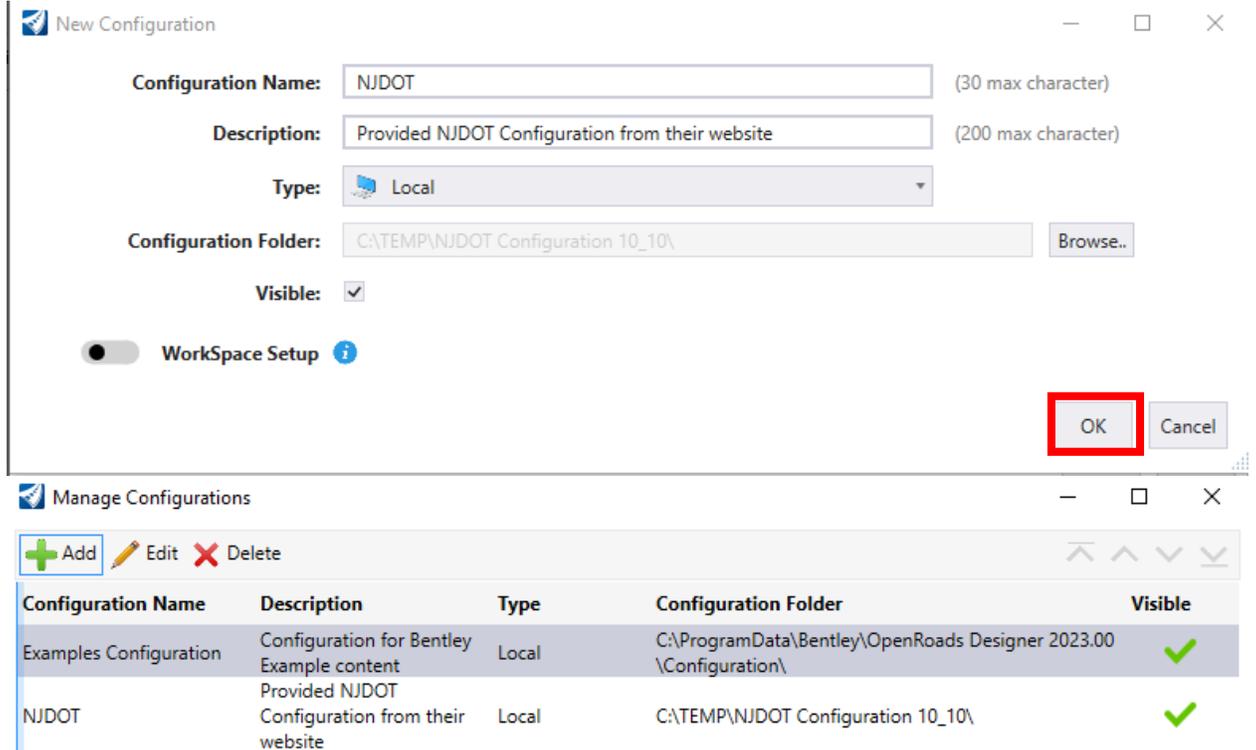
OK Cancel

This PC > Local Disk (C:) > TEMP > Search TEMP

Name	Date modified	Type	Size
NJDOT Configuration 10_10	1/22/2025 11:43 AM	File folder	

Folder: NJDOT Configuration 10_10 **Select Folder**

4. Once done, click OK until it goes back to the screen from step 1.



5. On the top-left, confirm the newly created configuration is there. Click on it and double check the workspace and workset change according to the configuration chosen.



Configuration

- Examples Configuration
Configuration for Bentley Example...
- NJDOT
Provided NJDOT Configuration fro...
[Manage Configuration](#)

Recent WorkSets

Here is where your WorkSets will be

Lists the recently opened WorkSets. You can pin a WorkSet by clicking the pin icon on the right or by selecting Pin to list on the right-click menu of WorkSet. Pinned WorkSets display at the top, separated from the unpinned WorkSets.

[learn more](#)

No WorkSpace
No WorkSet

OpenRoads Designer 2023

WorkSpace WorkSet
No WorkSpace ▾ No WorkSet

Recent Files

You haven't opened any files recently. To browse for a file, start by clicking on Browse.



Configuration

- Examples Configuration
Configuration for Bentley Example...
- NJDOT
Provided NJDOT Configuration fro...
[Manage Configuration](#)

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[learn more](#)

No WorkSpace
No WorkSet

OpenRoads Designer 2023

WorkSpace WorkSet
NJDOT ▾ NJDOT_WORKSET ▾

Recent Files

You haven't opened any files recently. To browse for a file, start by clicking on Browse.



- If the workspace doesn't autofill with the proper workspace and workset, select the newly created configuration and double check the workspace exists in the drop-down menu.

Configuration

- Examples Configuration
Configuration for Bentley Example...
- NJDOT
Provided NJDOT Configuration fro...
[Manage Configuration](#)

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OpenRoads Designer 20

WorkSpace WorkSet
NJDOT ▾ NJDOT_WORKSET ▾

Search

NJDOT

NJDOT

No WorkSpace

+ Create WorkSpace

Configuration Assistant

DWG WorkSet Wizard

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