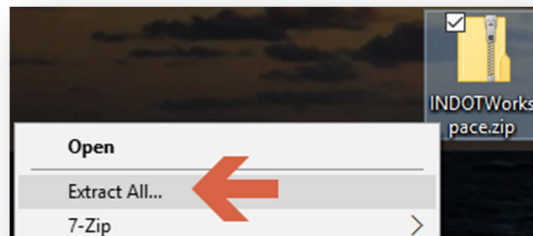# 1. Installing the INDOT CAD Workspace

With the SS4 release of the INDOT CAD Workspace, INDOT has returned to providing a bundled, fully functional workspace package. This document will wall through the installation of this package and setup of the associated configuration file. The workspace can be placed at any user desired location, however note that the adjusted paths should be configured as shown in section 1.3.
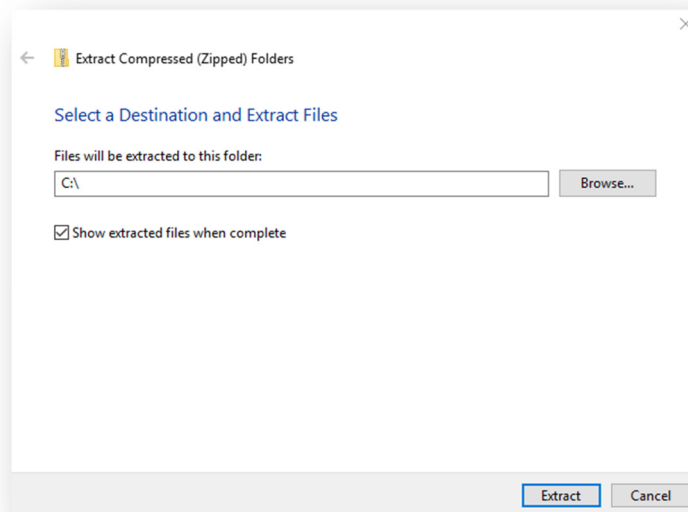
1.1 The Workspace Package

The fully packaged workspace can be downloaded from the INDOT CAD Website. Locate the heading for SelectSeries 4. Under this heading there will be links to this document and a .ZIP file containing the workspace. Download the .ZIP file to your hard drive.

With the file downloaded, proceed to unzip the file. This example will be using the default paths for the workspace as configured.
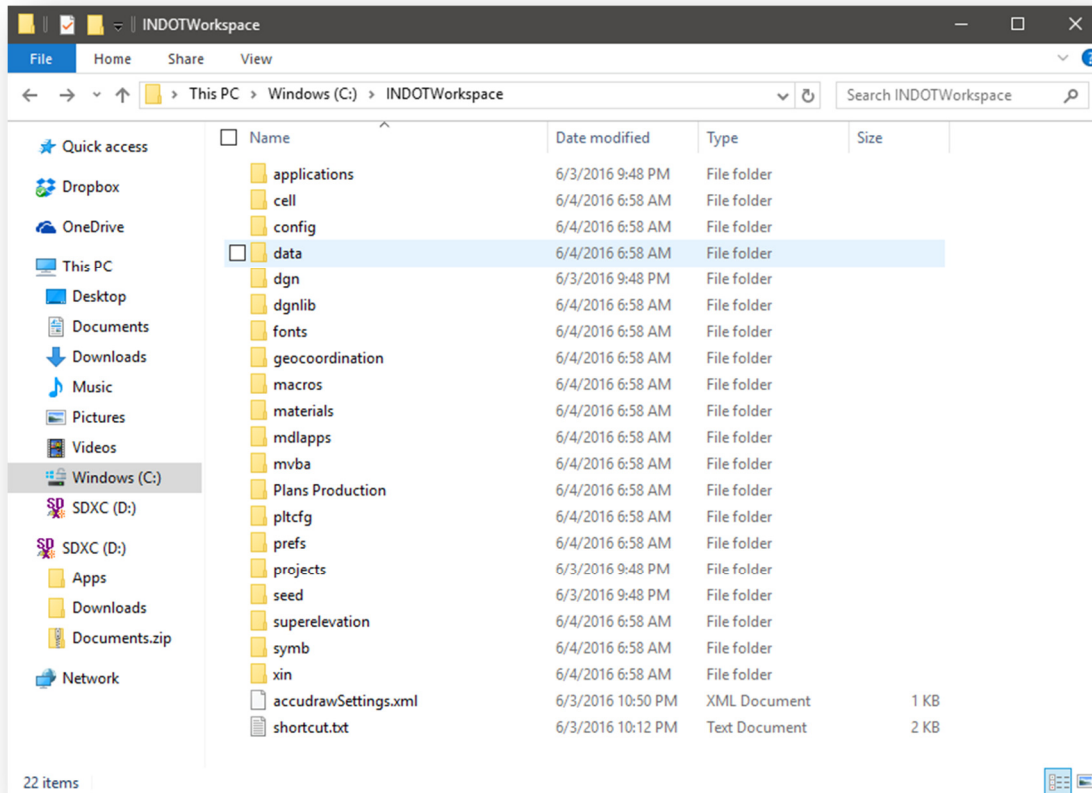

In the extraction window, set the extraction location to C\. Due to how the folder is zipped, the workspace files will be placed under C:\INDOTWorkspace

Select Extract when ready, a brief progress dialog will appear showing the extraction operation. After the extraction is complete, navigate to the C:\INDOTWorkspace folder to inspect the contents.

1.2   Workspace Contents

Viewing the contents of the workspace folder you'll see the following folder structure:
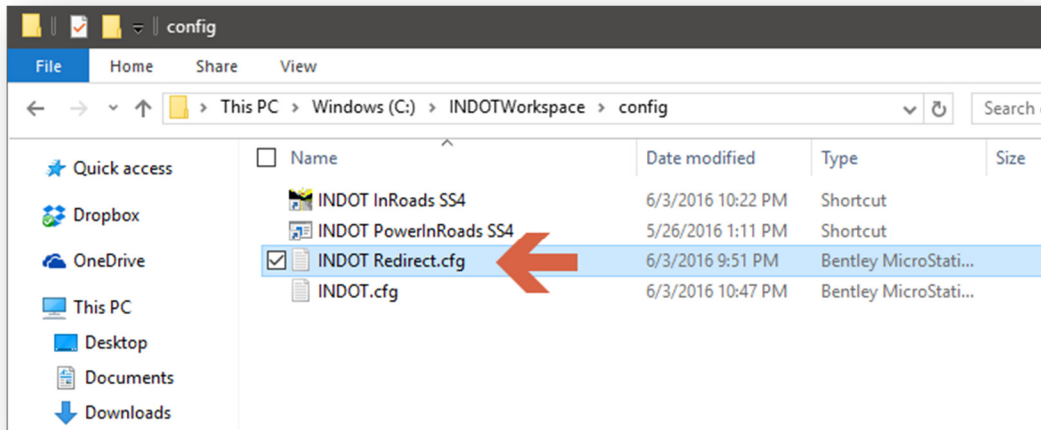

For SS4, INDOT has adopted the standard Bentley workspace structure with some supplement folders for additional plans production seed files and symbology resources. All files in the workspace can be pulled apart and placed in to your own workspace. The required variables can be found under the config folder in the INDOT.cfg file.

Note: INDOT is a ProjectWise Managed Workspace user. While this workspace is provided as a standalone package, it should be recognized that different areas throughout the workspace will still point to ProjectWise locations. This will most easily be recognized in the XIN during plans production processes such as creating sections or plan and profile generation. These areas in particular leverage file locations in ProjectWise and will need manually overridden when used.

1.3   Workspace Setup

To setup and use the INDOT Workspace, the following steps should be used to configure MicroStation/InRoads.

1. Locate the INDOT Redirect.cfg under the INDOTWorkspace\config folder. Open the file in the text editor of your choice.
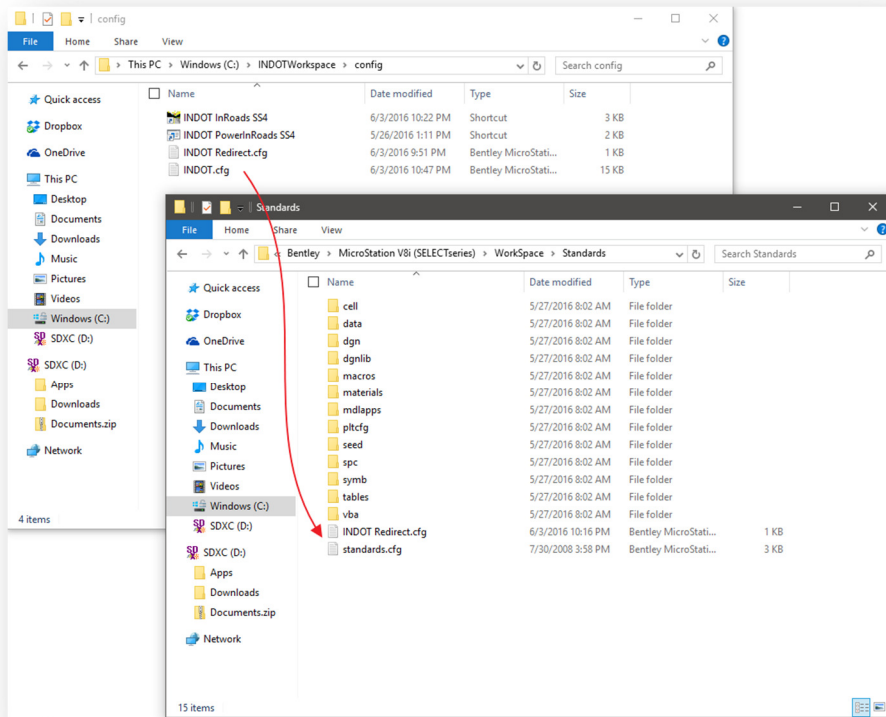

2. Adjust the highlighted path to the location you placed the workspace. The workspace can be placed in other folders and just needs pointed to through this variable.
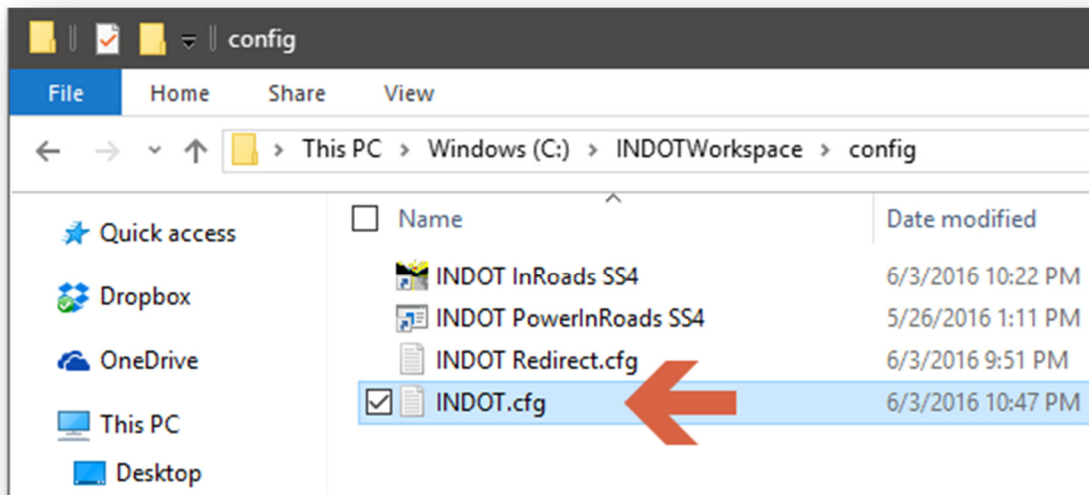

3. Take the edited INDOT Redirect.cfg and place it under your
   C:\ProgramData\Bentley\MicroStation V8i (SELECTseries)\WorkSpace\Standards

   Note: For those who are running PowerInroads SS4 place the INDOT Redirect.cfg file below;
   C:\ProgramData\Bentley\PowerInRoads V8i (SELECTseries 4)\WorkSpace\Standards

4. Back in the C:\INDOTWorkspace\config folder, locate and open the INDOT.cfg file in a text editor.

5. Adjust the highlighted lines to the location of these folders for your workspace.

6. The final step is to add the appropriate workspace launch command to your MicroStation/InRoads/PowerInRoads icons. Add the following to the target field: -ws_INDOT=_INDOT. It's highly advised that a new shortcut to launch the application with our workspace be configured. For convenience, shortcuts to the 3 listed products are provided under the C:\INDOTWorkspace\config folder.