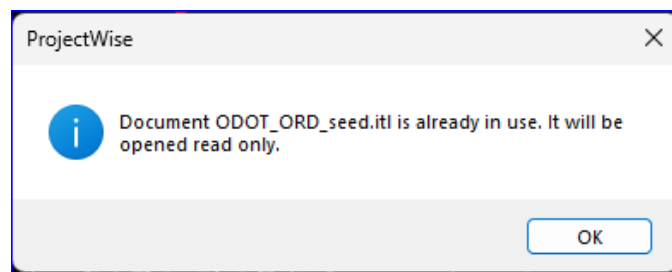# Working with the OpenX Template Library

ODOT_ORD_seed.itl is the ODOT Standard OpenX Template Library - used for both OpenSite Designer and OpenRoads Designer. The ODOT standard template library contains standard point names assigned to feature definitions and pre-built components in an organized folder structure that can be used in building templates. Fully functional sample templates are also included in a Templates folder for you to use and/or edit.

A template library (.itl) is always loaded when you launch ORD/OSD. By default, the read-only ODOT_ORD_seed.itl is loaded from the WorkSpace in C:\ODOT\v2023\Organization-Civil\ODOT_Standards\Template Library. This makes it easy to use the example templates or standard components in a quick corridor. Changes cannot be made to the ODOT_ORD_seed.itl. If custom templates are needed for modeling, use a discipline-specific (.itl) or create a project-specific (.itl) that auto-loads.

Discipline-Specific OITL Files

Each designer can use the ProjectWise Explorer to create a new document from the ODOT_ORD_seed.itl file in CAD_Resources\Seed. Different disciplines or designers may also use a discipline-specific (OITL) stored in the discipline folder, that is manually loaded from the Create Template dialog. When a template library is created from ODOT_ORD_seed.itl in the **discipline** folder (i.e. R_K#####_OITL_##.itl), it must be **manually loaded** into the ORD/OSD Create Template dialog. As stated above, the read-only ODOT_ORD_seed.itl is automatically loaded from the WorkSpace if there is no project-specific template library in the WorkSet. It is normal to see the ProjectWise information dialog stating that the ODOT_ORD_seed.itl is read-only.

Project-Specific (WorkSet) ITL File

If a template library file exists in the 9_WorkSet\Standards\Template Library sub-folder, and the name of the (.itl) file exactly matches the name of the project folder (for example, K#####.itl), this template library is identified as the ITL for the project. **The K#####.itl in the WorkSet Template Library sub-folder will automatically be loaded** when ORD is launched from any DGN in the K##### project folder structure. The first person to open the Create Template dialog will check out the K#####.itl file, meaning that all others using ORD/OSD in the same project will have a read-only copy of the K#####.itl file loaded. You can use templates in a corridor from a read-only (.itl) without a problem. But templates in the (.itl) may only be edited by the one who has the file checked out.

Different disciplines can create a sub-folder structure inside the K#####.itl file (Templates\Roadway or Templates\Hydraulics), or use a template naming convention in order to store all of the templates from different disciplines in the one project K#####.itl.

How to Create a Template Library File that Auto-loads into OpenX

1. Use the ProjectWise Explorer,
2. Navigate into your project's 9_WorkSet\Standards\Template library folder and create a new document.
3. Use the Advanced Wizard and select the template from CAD_Resources\Seed\ODOT_ORD_seed.itl.
4. There are no correct ProjectWise names for this file, so skip past the ODOT Naming Tool and finish.
5. Once the document is in the Template Library folder, use the ProjectWise Rename… command and name the file to match the exact name of your project.

In the picture below, the project is K99999, so the name of the template library file has been set to K99999.itl. This template library automatically loads when OpenRoads Designer or OpenSite Designer are used in the K99999 project.

Datasource   Folder   Document   View   Tools   Window   Help

Search

View   Lennie (Personal)

Address   pw:\\pw.odot.state.or.us:PW_ODOT_PROD\Documents_PW_Resources\User_Training\K99999\9_WorkSet\St: Go

- K99999
  - 1_Design
  - 3_Construction
  - 9_WorkSet
    - Standards
      - Bridge Templates
      - Cell
      - Template Library
    - Saved Searches
  - Training_Materials
  - Saved Searches
- Closed_Projects
- Maintenance_Projects
- Scoping_Projects
- STIP_Projects

Status	Name	Description
Enter text here	Enter text here	Enter text here
Checked In	DirectoryExplanation_Template Library.txt	Contains .ITL files for Bentley OpenRoads Designer.
Checked In	K99999.itl	From ODOT_ORD_seed.itl

Document Properties   Work Area Properties   Folder Properties   Personal Portal   Photo Preview   Dependency Viewer   Access Control   Comp

View: <Default>

Property name	Property value	Property name	Property value
Name	K99999.itl	Description	From ODOT_ORD_seed.itl

1 object(s) selected   7:19 AM