

The GDOT OpenRoads Designer (ORD) workspace is available for distribution and installation on both local and network drive installations via the GDOT_Org_Civil_Standards.zip and the GDOT_Standards.zip files.

As a reminder, it is <u>not</u> recommended to use a workspace that has a newer schema than what is installed on a user's machine. For example, do not use version 10.09 with a 10.10 workspace. The reverse is ok, using 10.10 with a 10.09 workspace, but it is highly recommended that you use the version of ORD that GDOT currently supports, along with the most recent workspace GDOT has released. The recommended upgrade workflow when a major version of ORD (which is always a schema change) is released and supported by GDOT, is to upgrade all users' machines first, and then update the workspace to the latest version released by GDOT. Minor ORD version releases typically do not have schema changes and in this case the order of upgrading does not matter. The ROADS Notification will specify whenever a schema change has occurred and reiterate this recommended procedure.

Important: The GDOT Title Block Editor (TBE) now runs inside of the GDOT Workspace without requiring any additional application installations for end users. TBE is now compatible with ProjectWise-managed workspaces using the GDOT ORD/OBD 10.12 (or more recent) workspace. Some users may experience a security issue that prevents this application from running properly, either when installed/managed on a network share or locally (C:\ drive). If the latest GDOT Workspace has been set up and users get the following error when attempting to use the GDOT Title Block Editor, then additional steps will need to be taken to resolve this.



If Title Block Editor does not open for a user after clicking the highlighted button above (found in the GDOT Interface Tools workflow), then check the bottom left corner of the OpenRoads Designer screen for the error below:

trusted.

Unknown key-in or command

. *		
	'TITLEBLOCK' is	not

If this happens, you may resolve this in one of the following ways:

 If managed on a network, ensure the network drive is added as either a "trusted site" or as part of your "local intranet". You may need to contact your IT department for assistance on this. If this is not an option, then you may manage the workspace locally (or from ProjectWise), but see #2 below for another potential security issue.



- If managed locally (C:\ drive) for users, it may require each user to navigate into the folder C:\ProgramData\Bentley\OpenRoads Designer CE 10.12\Configuration\Organization-Civil\GDOT_Org_Civil_Standards\MDL\TitleBlock\ and perform the following change to <u>all 4</u> of the .dll files located here:
 - a. If you are not seeing any file extensions (i.e. .dll) or the path shown above in Windows Explorer, go the View tab in Windows Explorer and check the boxes for File Name Extensions and Hidden items.
 - b. Right-click on any of the 4 .dll files and choose Properties
 - c. In the *General* tab, there should be a Security section at the bottom, shown below. If necessary, click Unblock so the .dll file will be allowed to be read by TBE
 - d. Repeat the above steps on the remaining .dll files in the folder

General Secu	rity Custom Details Previous Versions	
	Downloaded.dll	
Type of file:	Application extension (.dll)	
Opens with:	Unknown application Change	
Location:	C:\Clients	
Size:	1.19 MB (1,250,816 bytes)	
Size on disk:	1.19 MB (1,253,376 bytes)	
Created:	Today, June 05, 2019, 2 minutes ago	
Modified:	Today, June 05, 2019, 2 minutes ago	
Accessed:	Today, June 05, 2019, 2 minutes ago	
Attributes:	Read-only Hidden Advanced	
Security:	This file came from another computer and might be blocked to help protect this computer.	

Note: The path shown above will change over time to indicate the Version # of ORD (i.e. .../OpenRoads Designer CE 10.10/...



LOCAL INSTALLATIONS:

For local installations the contents of the ZIP files must be extracted as follows:

<u>Step 1:</u>

The folders and file:

- GDOT_Org_Civil_Standards (folder)
- Preference Seeds (folder)
- GDOT_Org_Civil_Standards.CFG (file)

Should be extracted from the:

• GDOT_Org_Civil_Standards_CaddAll.zip (file)

To the:

• C:\ProgramData\Bentley\OpenRoads Designer CE 10.10\Configuration\Organization-Civil\ (path) Note: The version # in the path above will change according to the version # of ORD that the workspace is created for and supported by GDOT.

<u>Step 2:</u>

The folder and file:

- GDOT_Standards (folder)
- GDOT_Standards.CFG (file)

Should be extracted from the:

• GDOT_Standards_CaddAll.zip (file)

To the:

• C:\ProgramData\Bentley\OpenRoads Designer CE 10.10\Configuration\WorkSpaces\ (path) Note: The version # in the path above will change according to the version # of ORD that the workspace is created for and supported by GDOT.

NOTE: The location to which a file will be extracted can be designated by selecting the "Extract To" option or the "Unzip to" option and navigating to the appropriate location.



LOCAL INSTALLATIONS (continued)

The Workspace Setup.cfg file requires no editing for this workspace installation.

Note: The paths shown below will change over time to indicate the Version # of ORD (i.e. .../OpenRoads Designer CE 10.10/...

This PC > Local Disk (C:) > ProgramData > Bentley > OpenRoads Designer CE > Configuration				
^	-	_		
Name	Date modified	Туре	~	
📙 Organization	11/14/2019 2:53 PM	File folder		
Organization-Civil	11/15/2019 10:00 AM	File folder		
WorkSpaces	11/15/2019 9:57 AM	File folder		
ConfigurationSetup.cfg	11/15/2019 9:03 AM	Bentley MicroStation .		
WorkSpaceSetup.cfg	10/2/2019 12:31 AM	Bentley MicroStation .		

#
C1V11 Organization Standard Location
Organization standards are base standards for a country or region or a # large asset owner such as a DOT. These standards should be the base that # provide most of the settings needed for OpenRoads Designer. Additional # company specific and project specific standards can be layered onto the # the Organizational standards using the WorkSpace and WorkSet respectively.
<pre># By default Organization standards are located at # \ProgramData\Bentley\OpenRoads Designer CE\Configuration\Organization-Civil\ #</pre>
<pre># The default location can be changed using the MY_CIVIL_ORGANIZATION_ROOT variable. # To redirect the entire configuration folder to a network location, uncomment the # MY_CIVIL_ORGANIZATION_ROOT line and replace the network path with the appropriate network path #</pre>
<pre># <<<< Make Changes Here >>>> #MY_CIVIL_ORGANIZATION_ROOT = c:/Configuration/Organization-Civil/</pre>
<pre>%if defined (MY_CIVIL_ORGANIZATION_ROOT) && exists (\$(MY_CIVIL_ORGANIZATION_ROOT)) CIVIL_ORGANIZATION_ROOT = \$(MY_CIVIL_ORGANIZATION_ROOT) %else</pre>
CIVIL_ORGANIZATION_ROOT = \$(_USTN_CONFIGURATION)Organization-Civil/ %endif
#
#
#
<pre># WorkSpace standards are extensions or overlays to an Organization standard. # A common use for WorkSpace standards is for company or client standards. # Organization + WorkSpace + WorkSet = OpenRoads Designer Environment #</pre>
<pre># By default WorkSpace standards are located at # \ProgramData\Bentley\OpenRoads Designer CE\Configuration\WorkSpaces\ #</pre>
<pre># The default location can be changed using the _USTN_WORKSPACESROOT variable. # To redirect just the WorkSpace folder to a network location, uncomment the # following line and replace the network path with the appropriate network path. #</pre>
<<<< Make Changes Here >>>> #MY_WORKSPACES_LOCATION = c:/Configuration/WorkSpaces/
%if defined (MY_WORKSPACES_LOCATION) && exists (\$(MY_WORKSPACES_LOCATION)) _USTN_WORKSPACESROOT = \$(MY_WORKSPACES_LOCATION) %endif



NETWORK INSTALLATIONS

Note: In the following example the letter "S" will be used as the network drive letter. For network installations the contents of the ZIP files must be extracted as follows:

<u>Step 1:</u>

The folders and file:

- GDOT_Org_Civil_Standards (folder)
- Preference Seeds (folder)
- GDOT_Org_Civil_Standards.CFG (file)

Should be extracted from the:

• GDOT_Org_Civil_Standards_CaddAll.zip (file)

To the:

• S:\Configuration\Organization-Civil\ (path)

<u>Step 2:</u>

The folder and file:

- GDOT_Standards (folder)
- GDOT_Standards.CFG (file)

Should be extracted from the:

- GDOT_Standards_CaddAll.zip (file)
- To the:
 - S:\Configuration\WorkSpaces\ (path)

(S:) > Configuration		
Name	Date modified	Туре
Organization-Civil	12/3/2019 9:11 AM	File folder
WorkSpaces	12/3/2019 9:11 AM	File folder



NETWORK INSTALLATIONS (continued)

The Workspace Setup.cfg file must also be edited to reflect the network drive letter designation as follows. Note: The paths shown below will change over time to indicate the Version # of ORD (i.e. .../OpenRoads Designer CE 10.10/...

This PC > Local Disk (C:) > Pro	ogramData > Bentley > OpenRoads Designer CE	 Configuration
Name	Date modified	Туре
📮 Archive	11/14/2019 2:53 PM	File folder
Organization	11/14/2019 2:53 PM	File folder
Organization-Civil	12/2/2019 4:31 PM	File folder
WorkSpaces	12/2/2019 4:31 PM	File folder
ConfigurationSetup.cfg	12/2/2019 1:37 PM	Bentley MicroStation
WorkSpaceSetup.cfg	12/2/2019 1:36 PM	Bentley MicroStation
#		
# Civil Organization St	ndard Location	
<pre># Organization standards # large asset owner such # provide most of the s # company specific and # the Organizational st # # By default Organizati # \ProgramData\Bentley\# # The default location # To redirect the entire # MY_CIVIL_ORGANIZATION_# # <<<< Make Changes Here MY_CIVIL_ORGANIZATION_RC %if defined (MY_CIVIL_OR</pre>	an e base standards for a country of the set a DOT. These standards should be the trings needed for OpenRoads Designer. reject specific standards can be layer neards using the WorkSpace and WorkSet n standards are located at perioads Designer CE\Configuration\Orgon an te changed using the MY_CIVIL_ORGAN configuration folder to a network loce ROOT line and replace the network path >>>> DT = S:/Configuration/Organization-Cive SANIZATION_ROOT) && exists (\$(MY_CIVIL)	region of a che base that Additional red onto the respectively. ganization-Civil\ NIZATION_ROOT variable. cation, uncomment the n with the appropriate network path /il/ ORGANIZATION_ROOT))
CIVIL_ORGANIZATION_ROC %else CIVIL_ORGANIZATION_ROO %endif #	= \$(MY_CIVIL_ORGANIZATION_ = \$(_USTN_CONFIGURATION)Or	ROOT)
#======================================		
# WorkSpace Standard Loc	tion	
<pre>#====================================</pre>	e extensions or overlays to an Organiz pace standards is for company or clier ce + WorkSet = OpenRoads Designer Envi tandards are located at penRoads Designer CE\Configuration\Wor	rkSpaces\