# MAINE DEPARTMENT OF TRANSPORTATION

February 2023 OpenRoads Designer CONNECT Configuration for Consultants

ADMINSTRATOR'S GUIDE

# TABLE OF CONTENTS

Table of Contents	
Additional Information	
Overview	
MaineDOT ORD Configuration Directory Structure4	
Configuration5	
Organization	
Organization-Civil	
WorkSpaces	
Roles7	
WorkSets 8	
Startup10	
Installation	
Workspaces17	
MaineDOT	
Discipline Folders	
Bridge Maintenance	
TO CONTACT MAINEDOT CADD SUPPORT27	

## ADDITIONAL INFORMATION

For general information outside the scope of this document please visit the MaineDOT website: <a href="https://www.maine.gov/mdot/">https://www.maine.gov/mdot/</a>

For Consultant information from qualifications to design specification please visit this webpage: <a href="https://www.maine.gov/mdot/cpo/">https://www.maine.gov/mdot/cpo/</a>

Please visit the MaineDOT CADD Support website for the follow information and more:

- MaineDOT CADD standards
- Version of CADD software MaineDOT currently uses
- How to contact MaineDOT CADD Support
- MaineDOT's specification for required electronic (computer) data
- MaineDOT CADD Manuals and Documentation

#### https://www.maine.gov/mdot/caddsupport/

#### OVERVIEW

This document covers the setup of the MaineDOT OpenRoads Designer (ORD) CADD environment for a local standalone installation. It will explain how to install the MaineDOT ORD environment on the "C:" drive along with a local project folder and give a brief explanation of MaineDOT's ORD project folder organization.

After following these instructions a folder containing all the necessary standalone MaineDOT ORD CADD environment will be created here:

#### C:\MEDOT

Within the root folder will be three subfolders:

Name	Date modified			
BRMAINT	1/26/2023 9:29 AM	File folder		
ORD	1/26/2023 9:33 AM	File folder		
📕 WIN	1/26/2023 12:40 PM	File folder		

#### C:\MEDOT\BRMAINT

This is to be used for creating and storing project data for Bridge Maintenance projects. Currently this folder will be used very rarely by consultants.

#### C:\MEDOT\ORD

The ORD CAD environment specific to MaineDOT will be stored here (ex: resource, configuration, and data files), more details to follow.

#### C:\MEDOT\WIN

Most consultants will be using this folder to create and store their project data. This folder is meant to be used by nearly all of disciplines in MaineDOT Project Development group. The disciplines using this folder include:

Bridge Construction Environmental Geotechnical Highway Multimodal ROW Survey Traffic Utilities

Note: These locations are customizable in the hands of someone experienced with Bentley CAD configurations.

#### MAINEDOT ORD CONFIGURATION DIRECTORY STRUCTURE

The ORD folder contains all the files specific to MaineDOT CAD Standards for ORD. These files are intended to function alongside a genuine existing installation of OpenRoads, it cannot work without one.

#### C:\MEDOT\ORD

Name	Date modified	Туре
Configuration	1/26/2023 9:31 AM	File folder
Documentation	1/26/2023 9:31 AM	File folder
📕 Startup	1/26/2023 10:37 AM	File folder

The contents of the three folders are as follows:

• **Configuration** – This folder contains the Organization, Organization-Civil, WorkSpace, and WorkSet configuration and resource files that have the MaineDOT standards. This follows the default Bentley configuration setup.

This Configuration folder is the folder referenced by the **\_USTN\_CUSTOM\_CONFIGURATION** variable.

- Documentation Stores related Configuration and Workflow documentation files.
- **Startup** This folder contains the startup configuration files needed by the applications to access the configuration and display the WorkSpaces and WorkSets in ORD's startup Work Page:

OpenRoads Designer CE	
WorkSpace WorkSet Role MaineDOT * zz_MaineDOT_WorkSet_Temp * Bridge *	
Recent Files	<b>H</b>

#### CONFIGURATION

#### C:\MEDOT\ORD\Configuration

Name	Date modified	Туре
	8/12/2022 4:05 PM	File folder
organization-Civil	8/12/2022 2:17 PM	File folder
WorkSpaces	8/12/2022 2:07 PM	File folder

The **Configuration** folder and sub folder structure is set up to replicate the default Bentley ORD Configuration folder structure found under **C:\ProgramData\Bentley\OpenRoads Designer CE 10.10\Configuration**. Keeping in line with this Bentley standard reduces the number of variable redefinitions that are required and is an industry standard practice.

#### ORGANIZATION

#### C:\MEDOT\ORD\Configuration\Organization

Na	ame	Date modified	Туре
	Building	6/29/2021 9:38 AM	File folder
	Cell	6/29/2021 9:38 AM	File folder
	Civil	6/29/2021 9:38 AM	File folder
	Data	6/29/2021 9:38 AM	File folder
	Dgnlib	8/12/2022 3:45 PM	File folder
	Macros	6/29/2021 9:38 AM	File folder
	Materials	8/12/2022 10:05 AM	File folder
	Mdlapps	6/29/2021 9:38 AM	File folder
	NPR	8/12/2022 10:05 AM	File folder
	Plant	6/29/2021 9:38 AM	File folder
	Pltcfg	8/12/2022 3:46 PM	File folder
	Seed	6/29/2021 9:38 AM	File folder
	Spc	6/29/2021 9:38 AM	File folder
	Structural	6/29/2021 9:38 AM	File folder
	Symb	6/29/2021 9:38 AM	File folder
	Tables	8/12/2022 10:05 AM	File folder
	standards.cfg	8/12/2022 4:09 PM	Bentley MicroStati.

This **Organization** folder is referenced by the **\_USTN\_ORGANIZATION** variable. It replaces the SITE folder (\_USTN\_SITE) from the V8i release. Organization resources are loaded automatically when either ORD or MicroStation are launched. The **standards.cfg** file is included automatically when the product is launched.

#### ORGANIZATION-CIVIL

WORKSPACES

#### C:\MEDOT\ORD\Configuration\Organization-Civil

Name	Date modified	Туре
MaineDOT	8/2/2022 4:00 PM	File folder
MaineDOT.cfg	8/3/2022 10:10 AM	Bentley MicroStati

The **Organization-Civil** folder contains the ORD standard resources (dgnlibs, cell libs, fonts, line styles, etc.) along with an accompanying configuration file that loads these resources. These same resources and configuration file can be used by MicroStation as well as ORD, MicroStation will ignore the Civil specific definitions and resources used by ORD. OpenBridge Modeler (or OBM) will also load resources from this location. The configuration file will test the calling application and load additional resources when in OBM.

C:\MEDOT\ORD\Configuration\WorkSpace	es	
Name	Date modified	Туре
MaineDOT	8/2/2022 3:51 PM	File folder
📙 MaineDOT - Bridge Maintenance	8/16/2022 12:20 PM	File folder
MaineDOT - Bridge Maintenance.cfg	8/17/2022 12:43 PM	Bentley MicroStati
MaineDOT.cfg	8/3/2022 10:09 AM	Bentley MicroStati

There will be two WorkSpaces available when launching the standard MaineDOT ORD application:

- **MaineDOT** = Intended to be used by disciplines in the MaineDOT Project Development group.
- **MaineDOT Bridge Maintenance** = Intended to be used strictly by the MaineDOT Bridge Maintenance group.

#### ROLES

#### CURRENTLY THE ROLES FEATURE DOESN'T WORK SO DISREGARD THIS SECTION FOR NOW.

#### ORD\Configuration\WorkSpaces MaineDOT\Roles

Name	Date modified	Туре
Bridge.cfg	5/5/2022 10:24 AM	Bentley MicroStati
Construction.cfg	5/5/2022 10:25 AM	Bentley MicroStati
Environmental.cfg	8/19/2022 1:55 PM	Bentley MicroStati
Geotech.cfg	5/5/2022 10:23 AM	Bentley MicroStati
Highway.cfg	5/5/2022 11:06 AM	Bentley MicroStati
Multimodal.cfg	8/19/2022 1:56 PM	Bentley MicroStati
Right of Way.cfg	8/19/2022 1:56 PM	Bentley MicroStati
Survey.cfg	8/19/2022 12:54 PM	Bentley MicroStati
Traffic.cfg	5/5/2022 10:22 AM	Bentley MicroStati
Utilities.cfg	5/5/2022 10:18 AM	Bentley MicroStati

There is a Role configuration for each workgroup at MaineDOT. Currently only the **Survey** role is being implemented. Choosing the Survey role configuration sets a different default seed dgn file and directs the WorkSets folder to a local **C:\WIN** instead of the standard **Y:\WIN**.

#### WORKSETS

The **MaineDOT** WorkSpace has the following root folder that contains all of the individual projects' data (WorkSets), as long as the MaineDOT configuration hasn't been modified. This is the WorkSpace to be used by disciplines in the MaineDOT Project Development group.

#### C:\MEDOT\WIN

The template WorkSet to be used in the **MaineDOT** WorkSpace is **zz\_MaineDOT\_WorkSet\_Template**.



The **MaineDOT – Bridge Maintenance** WorkSpace is intended to be used **only** by users which are doing work for MaineDOT Bridge Maintenance group, in the foreseeable future this WorkSpace will be used very rarely.

Using an unmodified MaineDOT configuration of the **MaineDOT – Bridge Maintenance** WorkSpace will save it's associated WorkSets here by default:

#### C:\MEDOT\BRMAINT

The template WorkSet to be used in the **MaineDOT – Bridge Maintenance** WorkSpace is **zz\_MaineDOT-BridgeMaint\_WorkSet\_Template** 



#### STARTUP

C:\MEDOT\ORD\Startup				
L   C = Startup			- 🗆	×
E Home Share View				🔮
← → ▼ ↑ 🖡 C:\MEDOT\ORD\Startu	~	ē	, ○ Search Startup	
📕 hp 🔷	Name		Date modified	Туре
📕 Intel	ConfigurationSetup.cfg		1/27/2023 8:07 AM	Bentley N
MEDOT	MaineDOT_Settings.cfg		1/27/2023 8:08 AM	Bentley M
BRMAINT	🚮 MEDOT Local - Debug		1/26/2023 10:37 AM	Shortcut
📜 ORD	🚮 MEDOT Local		1/26/2023 9:40 AM	Shortcut
Configuration	z_MaineDOT_Startup.cfg		1/26/2023 12:30 PM	Bentley №
Documentation	z_MaineDOT_Startup_Icon_ORD.cfg		1/26/2023 12:31 PM	Bentley №
🧎 Startup				
📜 WIN				
OneDriveTemp				
Oracle_32				
Oracle_64				
📕 ORD 🗸	<			>
6 items				

The **Startup** folder contains the files to launch OpenRoads Designer with the MaineDOT environment. These files allow for different methods to launch ORD to give MaineDOT and their consultants flexibility in their installations.

• Desktop shortcut

To launch ORD using this startup method the user simply copies the **MEDOT Local** shortcut to their Windows desktop. The shortcut references the *z\_MaineDOT\_Startup\_Icon\_ORD.cfg* file to load the required configuration files. Users must launch ORD using this shortcut every time to access the MaineDOT configuration.

• Automatic load from ConfigurationSetup.cfg

The *ConfigurationSetup.cfg* file is a modified version of the default

*C:\ProgramData\Bentley\OpenRoads Designer CE 10.10\Configuration\ConfigurationSetup.cfg* file. Replacing the file delivered with ORD with this modified file will allow users to launch ORD without the need for a custom Windows shortcut. Most users should have write access to this folder, so no special administrator access to the computer should be required for users to copy the file into place.

• Automatic load from z\_MaineDOT\_startup.cfg

The *z\_Maine\_Startup.cfg* file can be copied to the ORD config/system folder so that no special shortcut is needed to load the configuration, similar to the ConfigurationSetup.cfg file. The difference here is that this file is copied to the product folder under C:\Program Files and required administrator access to copy the file into place.

Each of the starting options include the MaineDOT\_Settings.cfg file to load the configuration.

# INSTALLATION

The master configuration folder **MEDOT** contains these subfolders:

- **BRMAINT** Bridge Maintenance WorkSets
- **ORD** MaineDOT ORD environment
- WIN MaineDOT Project Development group WorkSets

The master folder **MEDOT** can be moved from it default location **C:\MEDOT** to another folder or drive or a combination thereof. Likewise the two folders BRMAINT and ORD can be moved to another folder or drive or combination thereof, independently or together. This can be achieved by modifying paths within the configuration. These paths are saved in variables within the configuration files, the files with the extension **cfg**.

The configuration by default is set up to work with this address C:\MEDOT\ but can be installed in any location; local, network, or cloud. If you move the **MEDOT** folder away from this default location you need to edit paths within the applicable configuration files that live in the **ORD\Startup** folder.



If you change the default location of the MaineDOT's master MEDOT folder location. One of the paths that you need to edit is in an **%include** statement that's loads the **MaineDOT\_Settings.cfg** file. This **%include** statement can be found in these **cfg** files:

- ConfigurationSetup.cfg
- z\_MaineDOT\_Startup.cfg
- z\_MaineDOT\_Startup\_Icon\_ORD.cfg
- Also you need to change the Target field of the **MEDOT Local** shortcut to reflect the change of the path to the **z\_MaineDOT\_Startup\_Icon\_ORD.cfg** file.

If you change the default location of the **WIN** and or **BRMAINT** folders you need to change the path to these folders as stated in the **MaineDOT\_Settings.cfg** file.

#### ConfigurationSetup.cfg:

ConfigurationSetup.cfg - Not	tepad			-		×
File Edit Format View Help						
# # ConfigurationSetup. # for Your Organizati #	cfg - Configures on	the root Configuration d	irectory			^
<pre># Revision History:</pre>						
# Date	Ву	Description				
#						
# 04/01/2022 # 01/13/2023 # 01/27/2023 #	Rod Wing Will Rohman Will Rohman	Initial Release Pathing edits for local Thinning of configuration	consultant set on for local co	tup onsultant	setup	
<pre># The main function of # the root Configurati # directory is represe # the installed Config # which can consist of # If your organization # _USTN_CUSTOM_CONFIGU # #_USTN_CUSTOM_CONFIGUR #_USTN_CONFIGURATION : #</pre>	this configuration on directory to a nted by _USTN_COM uration defined b example WorkSpac has its own Conf RATION to that di ATION = D://My \${_USTN_CUSTOM_C	ion file is to allow user activate. The active Conf IFIGURATION. By default, by _USTN_INSTALLED_CONFIG es and WorkSets. Figuration directory, you irectory path and use it a configuration/ CONFIGURATION}	to specify iguration it points to URATION, can define as follows.			
%include C:/MEDOT/ORD/	Startup/MaineDOT	Settings.cfg				
<pre># START: The section d # These lines are gene [General] _USTN_USER_CONFIGURATI _USTN_CUSTOM_CONFIGURATI</pre>	efines user selec rated by installe ON_LABEL= TION=	tion at the time of inst	allation.			~
<						>
		Ln 1, Col 1	100% Windows (0	(RLF) UT	F-8 with B	OM

Here in the **ConfigurationSetup.cfg** you edit the highlighted **%include** statement to match the change you made to the location of the **MEDOT** folder. For changing the **MEDOT** folder location from the default setup this is the only edit necessary to this file.

#### MaineDOT\_Settings:

```
MaineDOT_Settings.cfg - Notepad
                                                                       \times
File Edit Format View Help
                    -----
#----
# Consultant delievery on local C: drive
#-----
# Parent path for custom MaineDOT ORD configurations
MEDOT ORD
                            = C:/MEDOT/ORD/
# Path definitions for MaineDOT project folders
MEDOT PROJECTS WIN = C:/MEDOT/WIN/
MEDOT PROJECTS BRDG MAINT
                           = C:/MEDOT/BRMAINT/
#-----
                      MEDOT_PROJECTS
                          = $(MEDOT PROJECTS WIN)
                          = $(MEDOT PROJECTS WIN)
MEDOT WORKSETS
# Overide default location of custom configurations as defined when ORD was installed
_USTN_CUSTOM_CONFIGURATION = $(MEDOT_ORD)Configuration/
%lock_USTN_CUSTOM_CONFIGURATION
CIVIL_ORGANIZATION_ROOT_NETWORK = $(_USTN_CUSTOM_CONFIGURATION)Organization-Civil/
#CIVIL_ORGANIZATION_ROOT_LOCAL = C:/MaineDOT/Organization-Civil/
CIVIL ORGANIZATION ROOT = $(CIVIL ORGANIZATION ROOT NETWORK)
%lock CIVIL ORGANIZATION ROOT
#MS CONFIGURATIONOPTS = DisallowCreatingWorkSpace;DisallowCreatingWorkSet
#CAD Admins
#add the following line to your personal.ucf file - remove the leading # character
#%undef MS_CONFIGURATIONOPTS
<
                                Ln 8, Col 62
                                            100% Windows (CRLF)
                                                                   UTF-8
```

If you are moving the location of the **MEDOT\ORD** directory you don't need to edit this cfg file, it is the other configuration files that need editing.

If you are changing the default location of the **WIN** and or **BRMAINT** folders (which contain the WorkSets) you need to change the path to these folders in this configuration file (see the paths in the 'red' box)

#### z\_MaineDOT\_Startup.cfg:

```
z_MaineDOT_Startup.cfg - Notepad
                                                                       Х
File Edit Format View Help
#-----
# Filename: z_MaineDOT_Startup.cfg
#
# Developed by: Rod Wing - EnvisionCAD
                 (Under contract to Maine DOT)
#
#
# Description:
# Loads the main MaineDOT settings configuartion file.
#
# This file is loaded by the custom MaineDOT ORD shortcut (icon)
#
# Revision History:
#
        Date
                                          Description
                         By
#
        _ _ _ _ _ _ _ _ _ _ _
                         -----
        04/01/2022
#
                         Rod Wing
                                                  Initial Release
#
        12/22/2022
                         Rod Wing
                                                  Changed the path from ORD
#
        01/03/2023
                         Will Rohman
                                                  Changed path to local Shar
                         Will Rohman
                                                  Pathing edits for local co
#
        01/13/2023
                        _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
#
        -----
%include C:/MEDOT/ORD/Startup/MaineDOT_Settings.cfg
<
                                                                             >
                         Ln 1, Col 1
                                          100%
                                                 Windows (CRLF)
                                                                  UTF-8
```

Here in the **z\_MaineDOT\_Startup.cfg** you edit the highlighted **%include** statement to match the change you made to the location of the **MEDOT** folder. For changing the **MEDOT** folder location from the default setup this is the only edit necessary to this file.

#### z\_MaineDOT\_Startup\_Icon\_ORD.cfg:



Here in the **z\_MaineDOT\_Startup.cfg** you edit the highlighted **%include** statement to match the change you made to the location of the **MEDOT** folder. For changing the **MEDOT** folder location from the default setup this is the only edit necessary to this file.

#### **MEDOT Local** shortcut:



Security	De	etails	Previous V	ersions
General	Shortcut	Compatibili	ty 🖸	Encryption
<b>N</b>	1EDOT Local			
Target type:	Application			
Target location:	OpenRoads	Designer		
Target	T\ORD\Start	up\z_MaineDOT	_Startup_lcon_	ORD.cfg"
Start in: Shortcut key:	None			
Run:	Normal wind	ow		$\sim$
Comment	Bentley prov	ides software fo	r the lifecycle of	the world
Open File I	Location	Change Icon	Advan	ced

Here in the **MEDOT Local** shortcut you edit the 'blue' highlighted Target Field to reflect the change you made to the location of the **MEDOT** folder. For changing the **MEDOT** folder location from the default setup this is the only edit necessary to this file.

The default Target Field is:

```
"C:\Program Files\Bentley\OpenRoads Designer CE
10.10\OpenRoadsDesigner\OpenRoadsDesigner.exe" -
wc"C:\MEDOT\ORD\Startup\z_MaineDOT_Startup_Icon_ORD.cfg"
```

The highlighted portion of the default pathing above is the section that needs to be edited to reflect what changes you have made to the folder and file locations.

Once these startup configuration files have been modified to reflect your installation locations you have completed the installation.

# WORKSPACES

WorkSpaces further customize the MaineDOT ORD environment to suit the user, currently there are only three:

- MaineDOT
- MaineDOT Bridge Maintenance
- MaineDOT Training

#### MaineDOT

The **MaineDOT** WorkSpace is intended to be used by users which are doing work for MaineDOT Project Development. This would include almost all disciplines and CAD users producing deliverables for MaineDOT Project Development.

OpenRoads Designe	r CE
WorkSpace WorkSet	
No WorkSpace • No WorkSe	et
Search	<u>ې</u>
Metric Standards	<b>A</b>
Training and Examples	vse for a fi
* Custom Configuration	
MaineDOT	
MaineDOT - Bridge Maintenance	
MaineDOT Training	-
No WorkSpace	
<ul> <li>Create WorkSpace</li> </ul>	
Configuration Assistant	
DWG WorkSet Wizard	

Using an unmodified MaineDOT configuration of the **MaineDOT** WorkSpace will save it's associated WorkSets here by default:

# C:\MEDOT\WIN



When creating a new WorkSet for this WorkSpace please use the template named:

## zz\_MaineDOT\_WorkSet\_Template

This contains the correct ORD resource files and project folder structure used by MaineDOT as described previously. Further details and explanation of the folders and files intended use and what they should contain can be found in the accompanying xlsx file "MaineDOT\_FileNamingFolderStructure".

The former V8i project folder structure has been revamped to best accommodate ORD workings and streamline MaineDOT folder organization. The new ORD WIN project folder structure is similar to the old V8i structure, the major exceptions being:

- The name of the folder that houses all the project folders is now "WIN" as opposed to "PIN".
- The WIN number folder and the discipline folders are no longer separated by a folder named with two digits (ex: "00"). But rather the former two digit designation is now applied to the name of the WIN project folder.

For example a typical V8i WIN folder structure would look something like this:

#### \PIN\18562\00



Now in ORD this same project folder will be named **18562\_00** with "\_" (underscore) separating the WIN number from the two digit designation, so the folder structure looks like this:

#### \WIN\18562\_00



The folder that once contained the V8i CADD data specific to the project which was named **InRoadsSTD** has been rename to **ORD files** for ORD. This ORD files folder contains seed files and a copy of MaineDOT's Road Modeler template library.

📕   🛃 📮 VRD Files						—		×
File Home Share View								~ ?
$\leftarrow \rightarrow \checkmark \uparrow$ <b>E:\MEDOT\WIN\1856</b>	52_00 <sup>v</sup>	ORD Files	~	Ū	0	Sear	ch ORD	Files
	^	Name			^			Date
EnvisionCAD		MaineDC	от с	ORD S	eed 20	).dan		1/27,
📜 hp		MaineDC	- от_с	- DRD_S	eed_3D	).dgn		1/27,
📜 Intel		🗋 MaineDC	DT_T	empla	tes.itl			1/3/2
MEDOT								
BRMAINT								
ORD								
📜 WIN								
12015_00								
18562_00								
BRIDGE								
CONST								
CONTRACTS								
ENVIRON								
GEOTECH								
GIS								
HIGHWAY								
MULTIMODAL								
ORD Files								
ROW								
SURVEY								
TRAFFIC								
UTILITIES	~ _							>
3 items								

Back in the V8i Project Folder structure there was also a folder named **MSTA** that was an intermediary folder between the discipline's folder, and the CAD files created by the discipline. All of these folders have been removed. For example in V8i the path to survey CAD files would have looked like this: **\18562\00\SURVEY\MSTA** now in ORD this path becomes this **\18562\_00\SURVEY**.

#### **Discipline Folders**

Every discipline that could contribute CAD data and files to a project has a folder provided for them within the WIN project folder. The intent is to have ONLY CAD files directly underneath the disciplines' folders and all non-CAD materials somewhere else, another location or if necessary in a subfolder of a disciplines' folder.

The discipline folders within a WIN project folder have similar folder structure and function. They are all intended to contain only CAD files and sub-folders that further organize the CAD materials as necessary.

For example here is a Survey folder it contains only dgns and other CAD files are saved in the other subfolders.



Additional information and details about MaineDOT's folder structure and an explanation of what data is to be stored in the individual dgn files can be found in the accompanying xlsx file "MaineDOT\_FileNamingFolderStructure".

Name:	WorkSet = WIN Project	
Description: Template:	zz_MaineDOT_WorkSet_Template	Iders Only
Add a Custom Property 🔻		
Folder locations		
Root Folder:		
Design Files:		
Standard Files:	C:\MEDOT\WIN\WorkSet = WIN Project\Standards\	
Standards Subfolders:		
ProjectWise Projects		
		Browse

Once the new WorkSet is created you fill out the custom properties (in orange box) which will then be used to propagate the sheet boarders of your future plan set.

You haven't opened any lifes from a WorkSet recently.     WorkSeace     Role       Browse for files, create a new file, or select another WinkSpace or WorkSet from the drop- down menus.     WorkSeace     WorkSet     Role       Image: No WorkSpace or WorkSet     WorkSpace     WorkSpace     No WorkSpace     Role       Image: No WorkSpace     WorkSpace     WorkSpace     Role       Image: No WorkSpace     No WorkSpace     WorkSpace     Role	III 88	Properties * Name Description WorkSoace	WorkSet = WIN Project	1.
Recent Files Recent Files WorkSpace No Work	I 28	Properties * Name Description WorkSpace	WorkSet = WIN Project	
		BIDDE NAME BIDDE NAME CHECK DATE 2 CHECK DATE 2 CHECK D1 CHECK D1 CHECK D1 CHECK D1 COUNTY NAME DISIONER 1 DISIONER 1 DISIONER 3 DETAILER 1 DETAILER 1 DETAILER 1 DETAILER 1 DETAILER 1 DETAILER 1 DETAILER 1 DETAILER 1 PHONECT DATE 1	MaineGOT 7/15/2022 113:08 PM 7/15/2022 113:08 PM 7/15/2022 111:07 PM 7/15/2022 111:07 PM 7/15/2022 111:07 PM	

#### Bridge Maintenance

The **MaineDOT – Bridge Maintenance** WorkSpace is intended to be used **only** by users which are doing work for MaineDOT Bridge Maintenance group, in the foreseeable future this WorkSpace will be used very rarely.

No WorkSpace WorkSet No WorkSpace Vo WorkSet	et
Search	P
Metric Standards Training and Examples	-
* Custom Configuration	
MaineDOT - Bridge Maintenance	
MaineDOT Training	
No WorkSpace	
Create WorkSpace	
Configuration Assistant	
DWG WorkSet Wizard	

Using an unmodified MaineDOT configuration of the **MaineDOT – Bridge Maintenance** WorkSpace will save it's associated WorkSets here by default:

#### C:\MEDOT\BRMAINT



When creating a new WorkSet for this WorkSpace please use the template named:

#### zz\_MaineDOT-BridgeMaint\_WorkSet\_Template

The MaineDOT – Bridge Maintenance WorkSpace, contains the ORD resource files and ORD project folder structure used by MaineDOT as described previously. Further details and explanation of the folders and files intended use and what they should contain can be found in the accompanying xlsx file "MaineDOT\_FileNamingFolderStructure".

The former V8i project folder structure has been revamped to best accommodate ORD workings and streamline Bridge Maintenance folder organization. These new project folders will be saved under **BRMAINT**, their folder structure is very simple. The name of the Project folder is "**BR**" for "Bridge", underscore "\_", then the Bridge Number say "**549**", so the Bridge Maintenance Project folder becomes "**BR\_549**". The unmodified path to the Bridge Maintenance project folders is:

#### C:\MEDOT\BRMAINT\

And the example project folder **BR\_549** would have this directory:

#### C:\MEDOT\BRMAINT\BR\_549



The Bridge Maintenance project folder currently contains no subfolders. Main reason being no other discipline would use this folder nor would other disciplines' files be reference in a Bridge Maintenance file. The only things contained in the Bridge Maintenance project folders are files relevant to the bridge the folder is named after.

Name:	WorkSet = BRMAINT Project	
Description: Template:	zz_MaineDOT-BridgeMaint_WorkSet *	's Only
+ Add a Custom Property 🔹		
Folder locations		
Root Folder:		
Design Files:		
Standard Files:	C:\MEDOT\BRMAINT\WorkSet = BRMAINT Project\Standards\	
Standards Subfolders:		
ProjectWise Projects		
		Browse

Once the new WorkSet is created you fill out the custom properties (in orange box) which will then be used to propagate the sheet boarders of your future plan set.

Recent WorkSets	OpenRoads Designer CE				<u>₩</u> + = 1	= ×
You haven't opened any files from a WorkSet recently.	WorkSpace WorkSet MaineDOT - Bridge Maintena * WorkS	et = BRMAINT Project	<sup>Role</sup> * Bridge Maintenance			
Browse for files, create a new file, or select another WorkSpace or WorkSet from the drop- down menus.	Recent Files You haven't opened any files recently. To browse for a Browse Recently Rev File New File	file, start by clicking on Browse	<b>=</b> 85	Properties * Name Description WorkSpace BRIDGE NAME BRIDGE NUMBER CHECK DATE 1	WorkSet = BRMAINT Project MaineDOT - Bridge Maintenance 7/15/2022 1:13:08 PM	Î
				CHECK DATE 2 CHECKED 1 CHECKED 2 COUNTY NAME DESIGNER 1 DESIGNER 3 DETAILER 1 DETAILER 2 DETAILER 3	7/15/2022 1:13:08 PM	
				FHWA FIELD CHANGE PIN NUMBER PROJECT DATE 1 PROJECT DATE 2 PROJECT DATE 3 PROJECT LABEL PROJECT MANAGE PROJECT NUMBER REVISION 1	7/15/2022 1:11:07 PM 7/15/2022 1:11:07 PM 7/15/2022 1:11:07 PM	
				REVISION 2 REVISION 3 RIVER NAME Show All Properties		ļ

# TO CONTACT MAINEDOT CADD SUPPORT

If you have any question or issues with the MaineDOT ORD CADD environment please visit the MaineDOT CADD Support website:

https://www.maine.gov/mdot/caddsupport/

There you will also find more information about:

- MaineDOT CADD standards
- Version of CADD software MaineDOT currently uses
- How to contact MaineDOT CADD Support
- MaineDOT's specification for required electronic (computer) data
- MaineDOT CADD Manuals and Documentation