MaineDOT Project Configuration

Bureau of Project Development Projects

MaineDOT currently uses a project Work Identification Number (WIN) to manage its projects within the Bureau of Project Development (BPD) and those WINs have been incorporated into the current folder and file structure (See MaineDOT Folder Structure and File Standards) for CADD use.

When a user opens MicroStation and sees the first dialog box (shown below), they select a **User** profile (which is **InRoads_network_v8i** by default) that will give them either local or network access. The next field is the **Project** field which populates with all of the PCF files for each WIN. When a user selects the WIN for their project, the window navigates to that exact project and opens the MSTA folder for the discipline that is set in the user's preference file.

🛿 File Open - \	Y:\pin\18915\00\	HIGHWAY\MSTA\				×
Look <u>i</u> n:	MSTA	~	🌀 彦 📂 🛄▼	៉ិ 줄 💽	2D - V8 DGN	
_	Name	^	Date modified	Туре ^		_
	/ 027_HDPla	n17.dgn	6/16/2020 7:21 AM	Bentley		
Quick access	/ 028_HDPIa	n18.dgn	3/5/2021 11:20 AM	Bentle		
	/ 029_HDPla	n19.dgn	5/3/2021 9:08 AM	Bentley		
	/ 030_HDPIa	n20.dgn	6/16/2020 7:30 AM	Bentle		
Desktop	2031_HDPla	n21.dgn	4/9/2021 3:56 PM	Bentley		
	/ 032_HDPla	n22.dgn	5/3/2021 9:04 AM	Bentle	AL JA	
1	/ 033_HDPla	n23.dgn	3/17/2021 2:19 PM	Bentley		
Libraries	034_HDPIa	n24.dgn	6/16/2020 7:36 AM	Bentley		
	Ø 035_HDPla	n25.dgn	3/17/2021 2:55 PM	Bentley		
	Ø 036_HDPIa	n26.dgn	6/16/2020 7:45 AM	Bentle	1	
This PC	// 037_HDPlan27.dgn		8/5/2020 10:50 AM	Bentley		
	// 038_HDPIan28.dgn		6/16/2020 7:50 AM	Bentley		
	🕅 039_HDPIan29.dgn		6/16/2020 7:52 AM	Bentley		
Network	2040 HDPIa	n30.dan	6/16/2020 7:52 AM	Bentley Y		
INCLIVIOIR	<			>		
	File <u>n</u> ame:	Highway.dgn	~	<u>O</u> pen	User: InRoads_network_v8i	\sim
	Files of type:	CAD Files (*.dgn;*.dwg;*.dxf)	~	Cancel	Project: 18915_00	\sim
		Open as read-only		Options	Interface: mdot	\sim

The current user groups and folders opened are as follows:

HIGHWAY – Opens HIGHWAY\MSTA BRIDGE – Opens BRIDGE\MSTA BRMAINT – Opens MAINT\MSTA CONST – Opens CONST\MSTA ENVIRON – Opens ENVIRON\MSTA GEOTECH – Opens GEOTECH\MSTA HEARING – Opens HEARING\MSTA ROW – Opens ROW\MSTA SURVEY – Opens SURVEY\MSTA TRAFFIC – Opens TRAFFIC\MSTA UTILITIES – Opens UTILITIES\MSTA

MULTIMODE is another user group that should be added and HEARING will be removed as it is no longer used.

Windows Security user groups have also been set up for each of these discipline folders so that only certain users have write access to the folders and files within as shown below:

🐌 SURVEY Properties 📃	x							
General Security Previous Versions Customize 💟 Encryption								
Object name: Y:\pin\24622\00\SURVEY								
Group or user names:								
& Authenticated Users								
& CADD Survey (SOM\CADD Survey)	11							
& CADD Admin (SOM\CADD Admin)								
To change permissions, click Edit.								
<u><u> </u></u>	"							
Permissions for Authenticated Users Allow Deny								
Full control								
Modify								
Read & execute								
List folder contents	-							
Read 🗸 🚽	-							
For special permissions or advanced settings, Advanced click Advanced.								
Learn about access control and permissions								
OK Cancel Apply								

These user groups are as follows:

MDOT-CADDBLIND-RO – Read only access CADD Admin – Write access to all folders and files CADD Bridge – Write access to all folders and files in BRIDGE CADD Const – Write access to all folders and files in CONST CADD Environ – Write access to all folders and files in ENVIRON CADD Geotech – Write access to all folders and files in GEOTECH CADD GIS – Write access to all folders and files in GIS CADD Highway – Write access to all folders and files in HIGHWAY CADD Maint – Write access to all folders and files in Maint CADD Multimode – Write access to all folders and files in multimode CADD Planning – Write access to all folders and files in PLANNING CADD ROW – Write access to all folders and files in ROW and PROPERTY CADD Survey – Write access to all folders and files in SURVEY CADD Traffic – Write access to all folders and files in TRAFFIC CADD Utilities – Write access to all folders and files in TRAFFIC

Users can belong to multiple groups. The Office of Information Technology maintains these user groups on behalf of MaineDOT.

Crash Records Section Projects

The Crash Records Section in the Office of Safety does not use the WIN structure of BPD but instead uses unique County codes to set up folders with folders of High Crash Location (HCL) nodes within. These codes are as follows:

- 01
- 03

05

07

Currently they use PCF files that contain the nodes of the particular HCLs that open the corresponding network share folder in MicroStation. However, these PCFs are not actually used for any information within unlike BPD projects.

In the first dialog box (shown below), the **User** is set to ACCID_network_v8i by default and the **Project** is set to the combination of the county code prefix and the nodes for the particular HCL of interest.

Look in:	MSTA	~]	G 👌 📂 💷 -	ግ 🕾 📦		2D - V8 DGN	
	Name	^	Date modified	Tree		20 - 40 Daix	- 1
*	AccidentD)iagram.dgn	8/23/2021 12:19 PM	DGN			
iick access	i dgnuse.log		8/23/2021 12:19 PM	LOGI			- 1
Desktop							
-							- 1
ibraries							- 1
							- 1
This PC							- 1
	<			>			- 1
Network	File name:	AccidentDiagram.dgn	~	Open	User:	ACCID_network_v8i	~
	Files of type:	All Files (".")	~	Cancel	Project:	03_9462-9464	~
		Open as read-only		Options	Interface:	03_9462-9464	
						03_9464_9465	
						03_9466-71186	
						03_9469-9470	
						03_9475-9478	
						03_9478_9479 03_9484-9485	
						03_9488-9490	
						03_9493-9494	
						05 10046	
						05_10087_17212	
						05_10089-15532 05_10089-60541	
						05_10091	
						05_10099-15532	
						05_10182-12296	
						05_10199-16609 05_10221-10843	

HCL locations within a county are added periodically and there is a batch file currently developed to copy a template folder structure containing a .DGN file containing the crash diagram for each new HCL needed.