Off-site configuration for MDT GEOPAK MicroStation workspace

1) Download the Caddstd's to the location that can be accessed from all the machines using MicroStation.
    a. Caddstd's can be located at ftp://ftp.mdt.mt.gov/CaddStandards/Bentley/Geopak/.
    b. The folder DOWNLOAD contains ALL of the data from ALL of the other folders in ZIPPED format to facilitate quicker downloads.
    c. For this example we will put it in a server mapped as R:\HIGHWAYS\CADDSTD\ drive, which is comparable to the W:\CADDSTD at MDT.

2) Create a batch file to start MicroStation .
    a. The batch file should contain three lines – see USTN.TXT
    b. Note the location of your Caddstd and the Bentley directory.
    c. This will tell MicroStation where to find the SITE.CFG file.

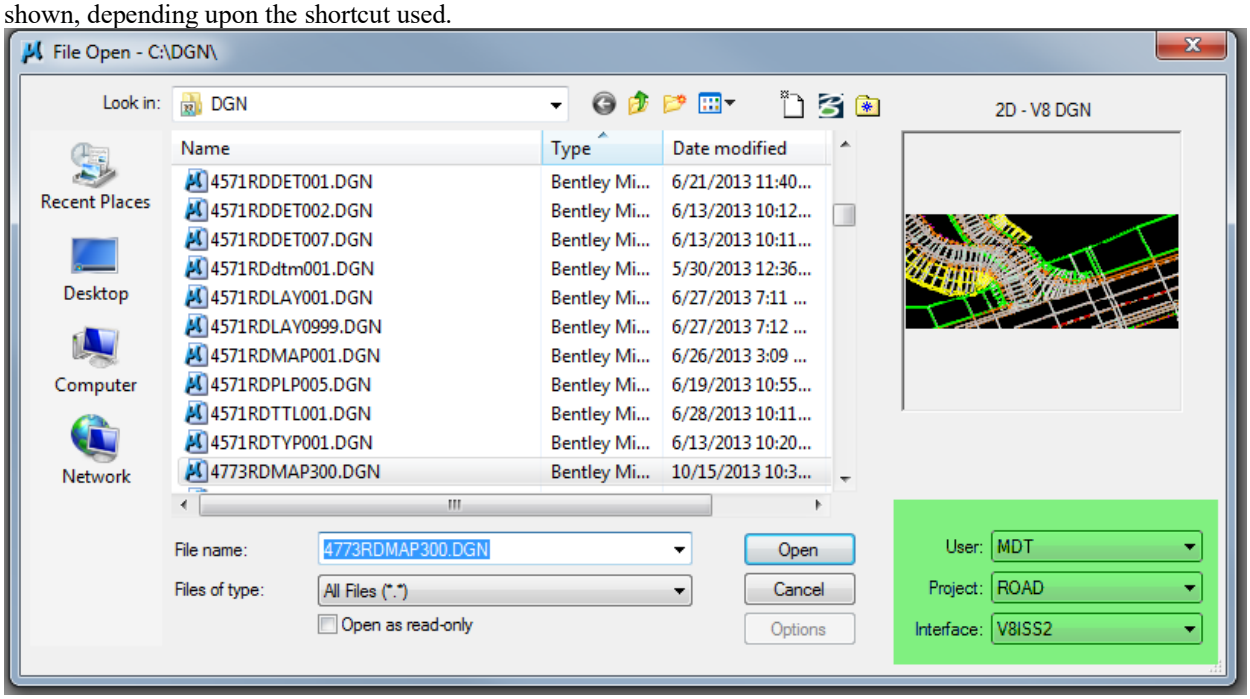
3) Edit the **SITE.CFG** file (found in the root directory of the Caddstd's & also a copy in OFFSITESETUP) (See Example below)
    a. Change the variable MDOHDIR to the location of the Caddstd's
        - MDOHDIR = R:/HIGHWAYS/CADDSTD/
        - (Note: this requires forward slashes not back slashes)
    b. Optional – Set the DGNS variable to the location where your DGN files will be located.
        - Note: If you have more than one project see below SETTING UP PROJECT FILE
    c. Optional - Change the variable PREF to the location you wish to have MicroStation save your user preference files.
        - This file will have your login name (username) and an extension of .UPF.
        - This location is best set to a server so if you go from one machine to the next your User Preference will follow you. e.g. PREF=R:/HIGHWAYS/CADDSTD/PrefDir/

4) Create a directory for the MDT project(s). This can be on your server or on your local machine.
    a. Create the main directory name the control number of the project then create subdirectories for each of the design areas. For this example we will use R:\HIGHWAY\PROJECTS\1234000\
        - Main Directory should be 1234000 (UPN number)
        - Recommended subdirectories could be BR, CO, DI, EL, EN, GE, HY, IN, MA, MT, PH, RD, RO, SA, SI, SU, UT, VI (design areas) .

5) Copy and edit the project file called **DEFINEABLE.PCF** for new project in the CADDSTD's directory /Workspace.
    a. This may be set up similar to the .PCF files in WORKSPACE/CONFIG/ but will contain entries specific to your organization.
    b. Change DGNS=c:/dgn/ to the location of the project directory.
    c. Example - DGNS = R:/HIGHWAY/PROJECTS/1234000/
        - Note the forward slashes
    d. At this point all the reference files will need the *Logical Prefix* See page 3-2 and 3-3 of the ***MDT Cadd Standards.***

6) Using the shortcuts from CADDSTD/SHORTCUTS will initiate specific UCF/PDF config combinations which provide specific menus developed for each work area. Look at the properties of each to determine the difference and maybe they can be of use to your organization.

7) Start Microstation and then Close the file, check what settings are in the lower right should be as shown, depending upon the shortcut used.



8) Also see Work_Location.docx for macro processing changes that may be necessary.