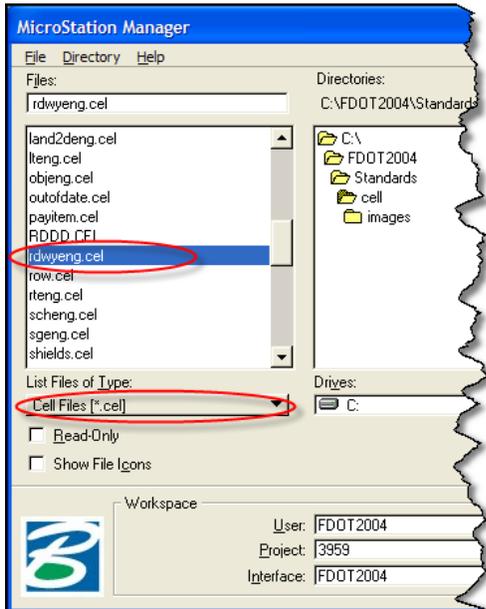


Sheet Navigator – Creating Additional Engineer of Record Cells:

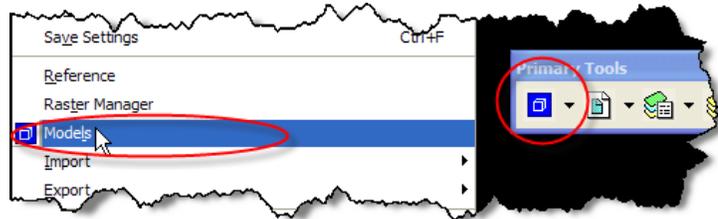
Additional engineer of record cells (EOR cells) may be added to Sheet Navigator. You can even use your company's logo, provided that you place all elements in the logo on the Logo_DP level.

First, open the *RDWYENG.CEL* library as a DGN using Microstation as shown below.

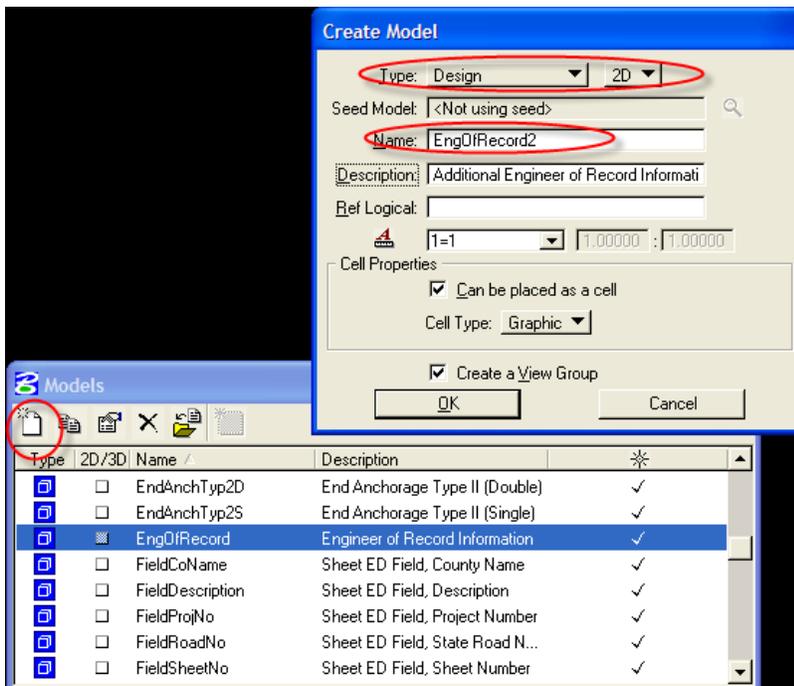


Make sure to change Microstation's "List of Files Type" (located immediately below the list of files on the left side of Microstation Manager) to "Cell Files (*.cel)."

After opening the cell library, access the Models dialog by selecting *FILE > MODELS* from Microstation's main menu bar or by clicking on the Models dialog button on the Primary Tools bar.



Then, create a new model by clicking on the *Create Model* button at the upper left corner of the Models dialog, filling out the information as shown in the Create Model dialog.



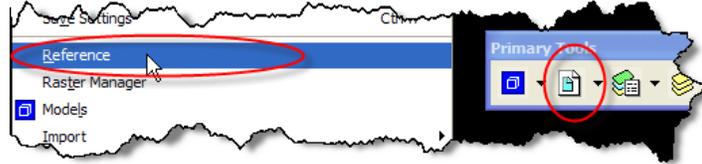
The new model should be a 2D design, and can be named anything you'd like (QC will pass any cell in a sheet file on the Logo_DP level).

Click *OK* when you are finished and open the newly created model.

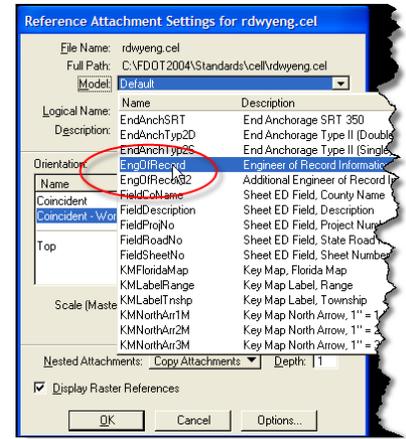
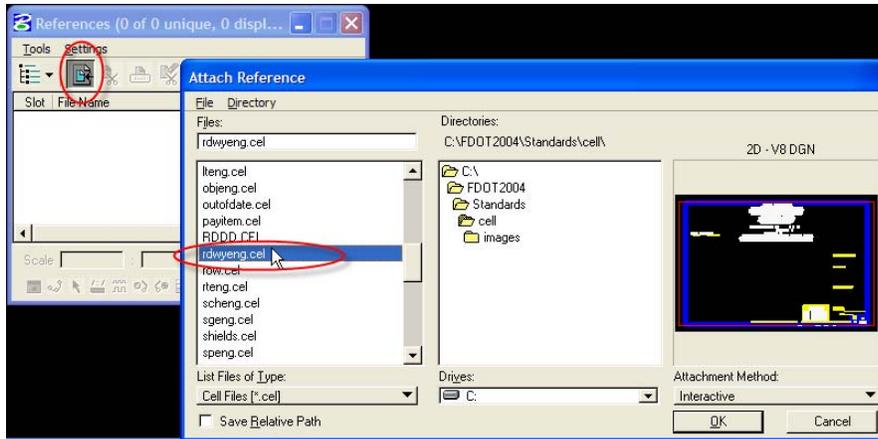
Note: If you have a workstation installation of FDOT2004, the RDWYENG.CEL library will be in C:\FDOT2004\STANDARDS\CELL. Otherwise, it will be located on your FDOT2004 server in \FDOT2004\STANDARDS\CELL.

FDOT2004.01.07 Sheet Navigator – Creating Additional Engineer of Record Cells

When creating a new EOR cell, I like to reference in the original EOR cell to assist in locating the cell origin and the correct size and location of the EOR cell. This can be done by opening the reference dialog by selecting **FILE > REFERENCES** from Microstation's main menu bar, or by clicking on the References button on the Primary Tools bar.

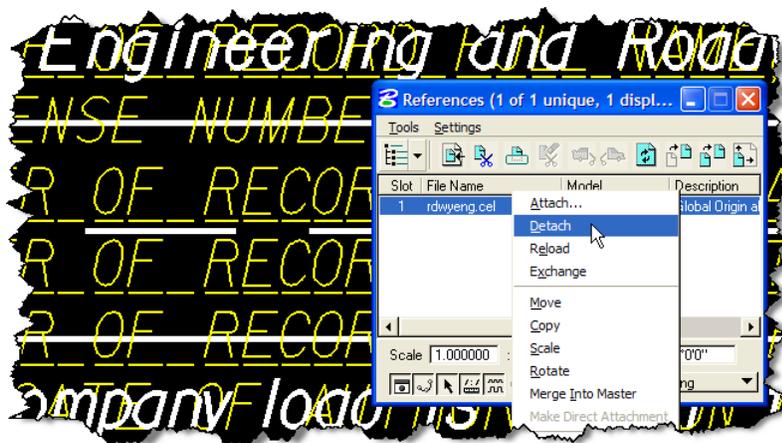


In the Microstation Reference dialog, select **Attach Reference** and attach **RDWYENG.CEL** making sure to select "INTERACTIVE" as the Attachment Method.

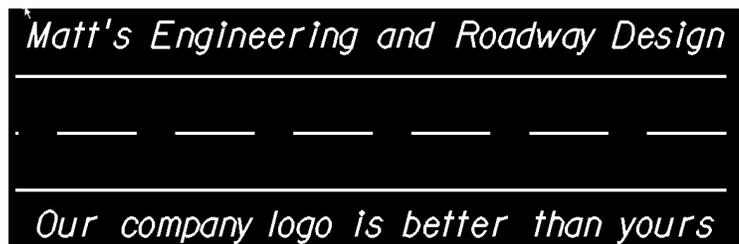


Select the cell *EngOfRecord* from the Reference Attachment Settings dialog and click **OK**.

Use the attached reference to place your logo at the correct size and in the correct location; then detach the reference. Your new EOR cell with company logo is ready to use with Sheet Navigator.

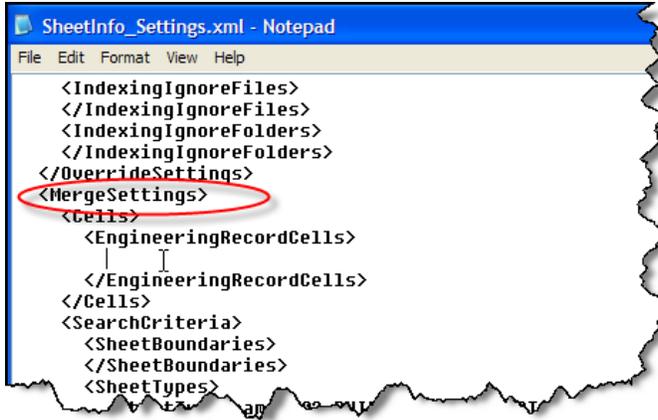


Be sure to check with the FDOT Plans Preparation Manual and your District Project Manager to determine exactly what information is necessary in the Engineer Of Record cell. Below, I have created a quick logo with only my company name, slogan and eye-catching visual design for the purpose of this exercise.



FDOT2004.01.07 Sheet Navigator – Creating Additional Engineer of Record Cells

Locate the tags <EngineeringRecordCells> and </EngineeringRecordCells> in the **MERGE SETTINGS** section of the XML. Place your cursor immediate after the tag <EngineeringRecordCells> and strike [ENTER] once; then strike [TAB] once. Your cursor is now in the correct position to enter the new tag information to add your new Engineer Of Record cell to Sheet Navigator.



For an example of how the Engineer Of Record cell tag information is formatted, you may want to look at the original SheetInfo.XML in the MDLAPPS folder. Otherwise, the tag information for this exercise is listed below.

The Site-Level Settings XML is case sensitive, so be sure to enter the tag information with the correct capitalization as shown below.

```
<EngineeringRecordCell refid="New EOR Cell" lib="rdwyeng" cell="EngOfRecord2" />
```

The “refid,” is the name of the cell as it will appear in the Sheet Navigator dialog. The “lib,” is the name of the cell library in which the cell resides, and the “cell,” is the name of the cell in the cell library. In the tag above, selecting the cell “New EOR Cell,” from the Sheet Navigator dialog will cause Sheet Navigator to place the EngOfRecord2 cell from the RDWYENG.CEL library.

Save and close the XML file and open Microstation in the FDOT2004 Workspace, launching Sheet Navigator. Click “Add Engineering Record Cell” in the Sheet Navigator dialog and select the new EOR cell. Clicking OK will place the cell into your sheet border.

