eSheet Version 4.0

The eSheet application takes plan sheet design files and creates .dgn's that conform to the Kentucky Transportation Cabinet's CADD Standards. The app creates a design file for each sheet (plan, profile, cross section, etc.) by using the Fence File keyin (ff=). This "merges" all the data from the design file and all reference files. The plan sheets can be in separate files, separate models in the same file, or all in one model.

The minimum requirement for eSheet version 4.0 is MicroStation (SELECTseries 3). If using ProjectWise and/or Iplot they must be (SELECTseries 4).

Since eSheet uses view 1, make sure that view 1 in all the design files are rotated correctly and the levels are turned on or off to achieve the proper look of the finished plan sheets.

Here are some things to be aware of before running the eSheet app:

1. Do not drop the sheet cells. The eSheet app searches the original design file for every cell that matches the cells in the KYTC_Sheet.cel cell library.
2. Fill in the eSheet name data field and the description data fields on each sheet. These data fields are used to name the final design file and to create the index file(s). They are also used as bookmarks in the PDF(s) and the name and description of the final design files in ProjectWise.
3. If the original design files are in ProjectWise, select an output folder in ProjectWise. Likewise, if the originals are on the local computer, select an output folder on the local computer.
4. The eSheet app uses MicroStation's Print Organizer to create the PDF(s). Therefore, if the Create PDF checkbox is checked the Create PSET checkbox will automatically be checked.
5. If Iplot (SELECTseries 4) is installed, Iplot options will be visible. These options will not be seen without Iplot.
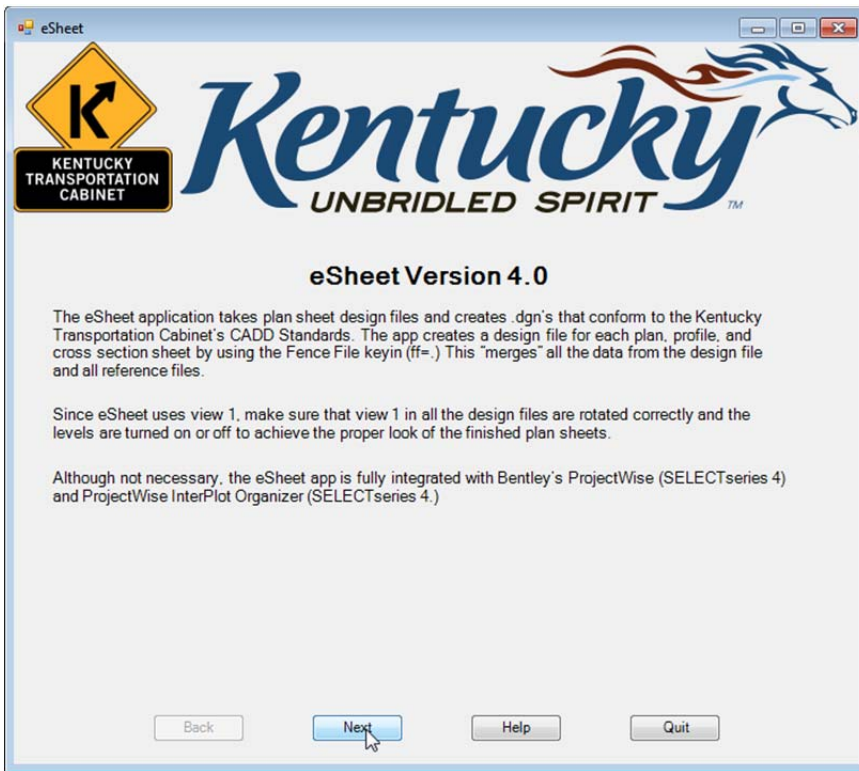
To report any problems or suggestions for improvements please contact Henry wells at henry.wells@ky.gov or 502-782-4919

eSheet Workflow

1. From any design file select KYTC-Task->KYTC Software->eSheet Version 4.0.
2. After the eSheet app Initializes
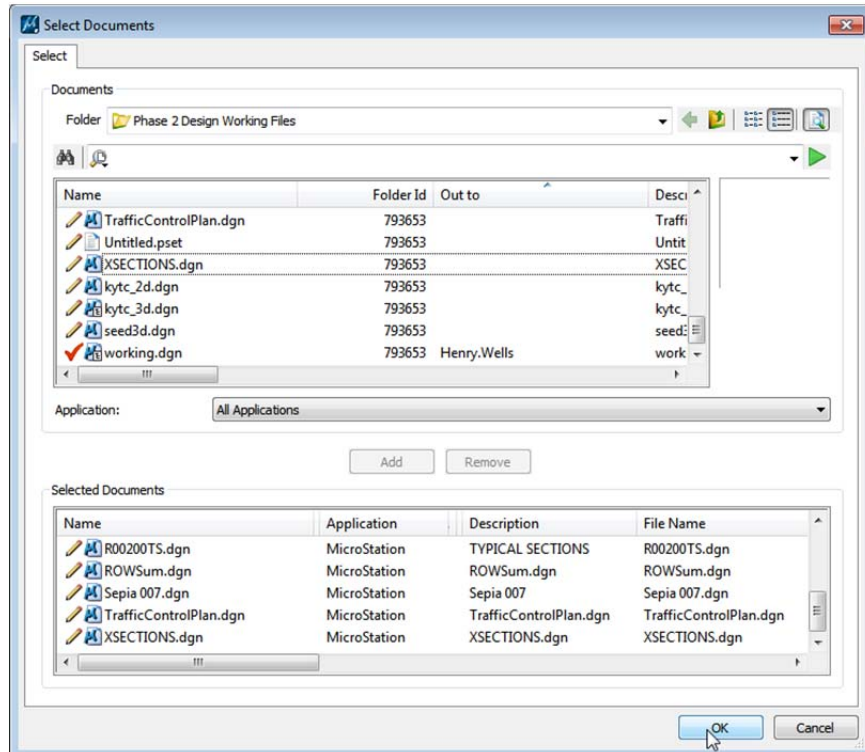
Initializing eSheet

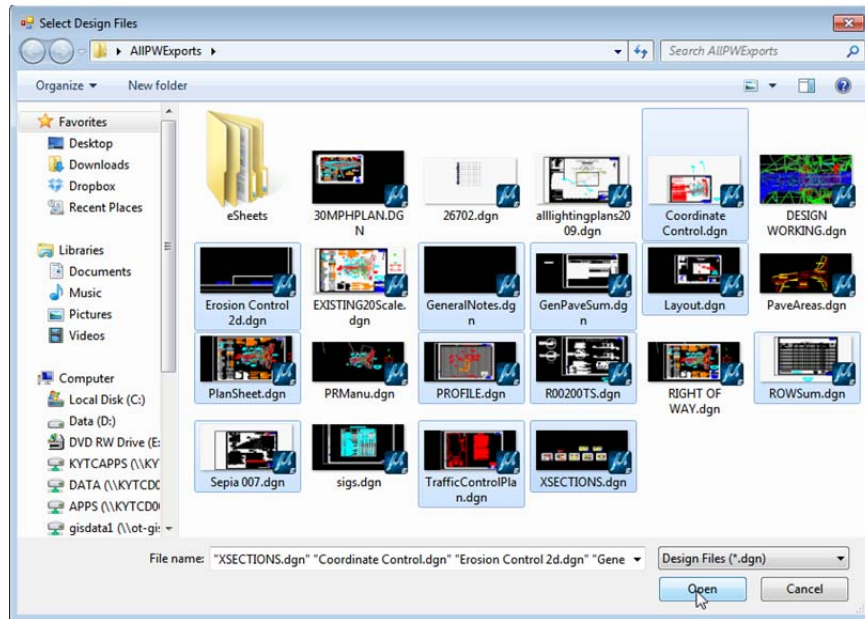Starting eSheet. Please wait.
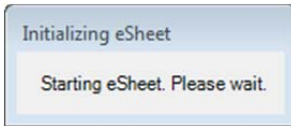
The main form loads. Click Next.

3. Click the Browse button to select the design files to process.

   a. Select the files from ProjectWise

b. Or click Cancel to select files from the computer.

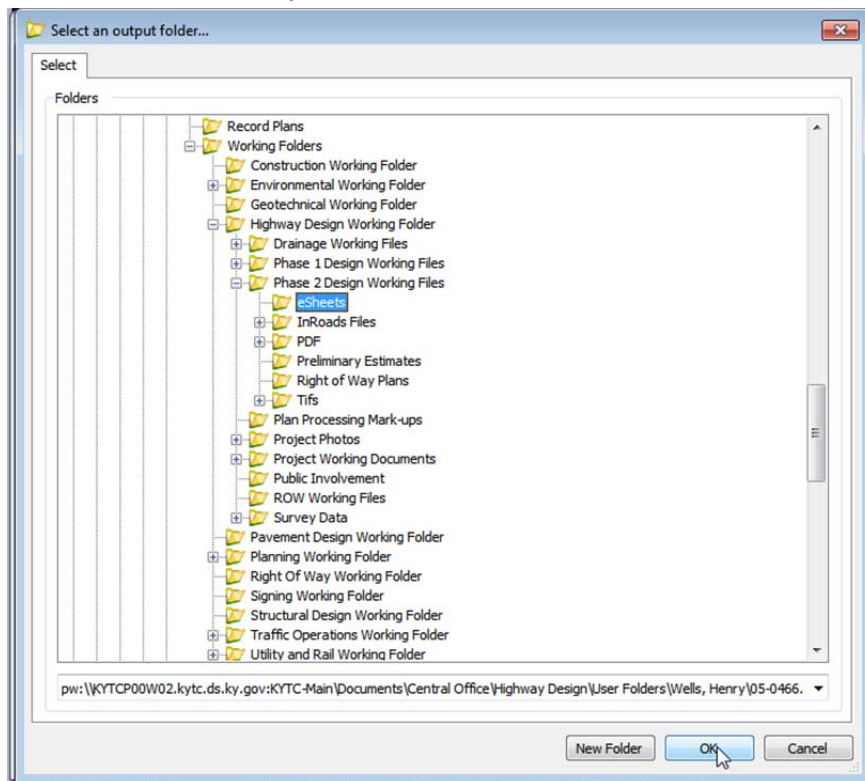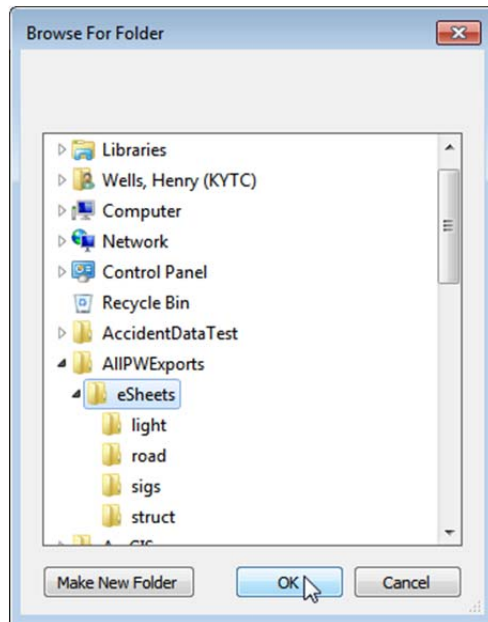c. If files have been accidently added that shouldn't be processed, select them and click the Remove files button.

4. Click Next.

5. Click Browse for output folder.

a. Select a folder from ProjectWise and click OK

b. Or click Cancel and select a folder on the computer.

6. Click next and select the desired options.

7. Click next. This is a last chance to quit before the files start processing.
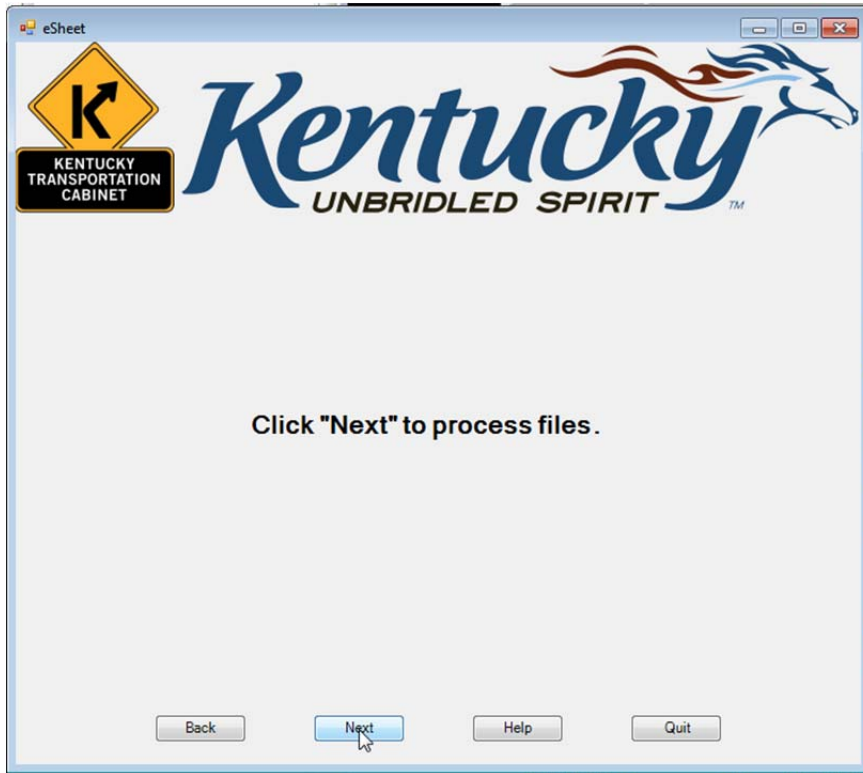
8. The results opens.

If the files are in ProjectWise, watch for the ProjectWise Check In dialog and click the appropriate button to check in, update server copy, or free the design files. Do not click Cancel.
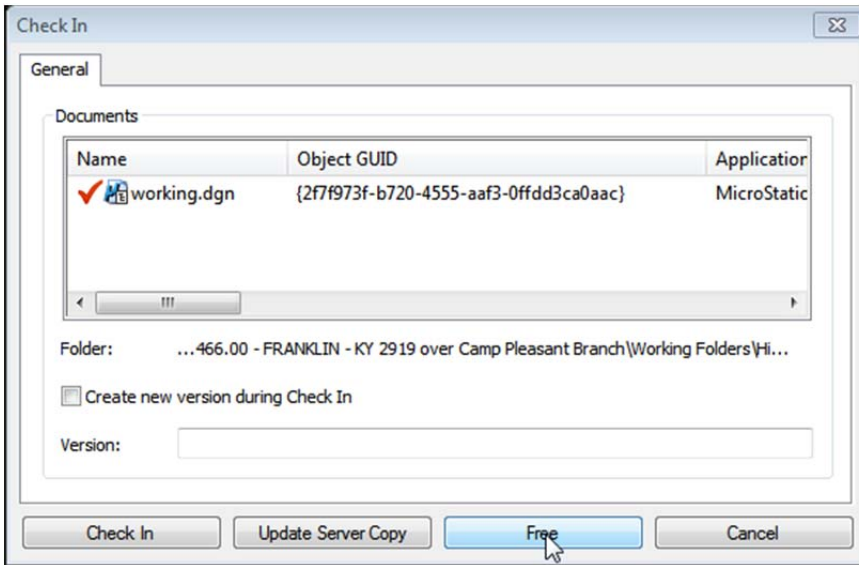
9. Click Quit.
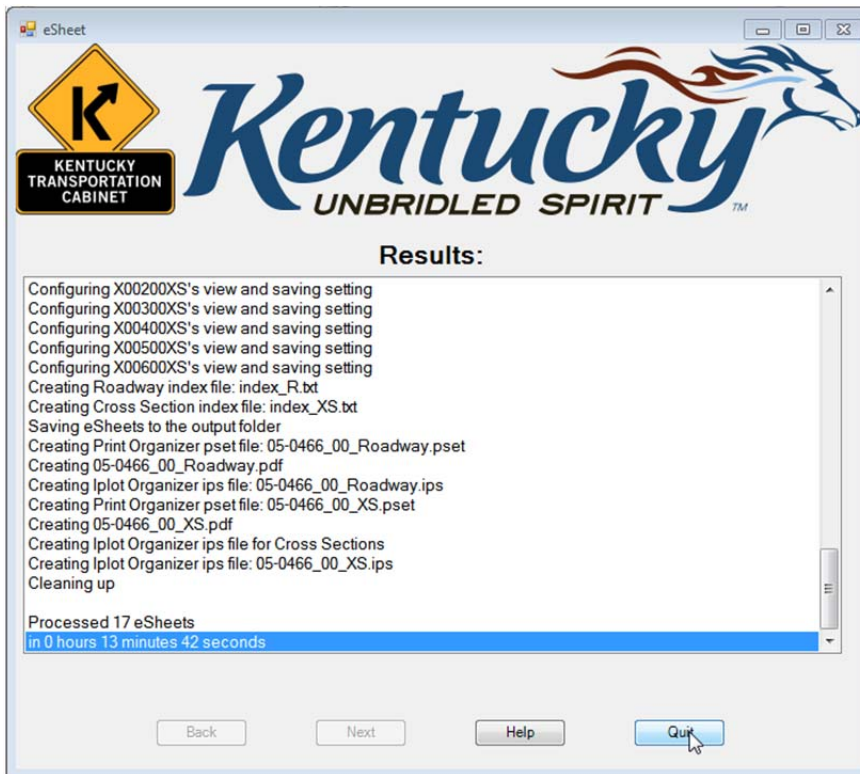
Here is an example listing of the output files in ProjectWise.

Folder Id	Out to	Name	Description
905226		05-0466_00_Roadway.ips	
905226		05-0466_00_Roadway.pdf	05-0466_00_Roadway.pdf
905226		05-0466_00_Roadway.pset	05-0466_00_Roadway.pset
905226		05-0466_00_XS.ips	
905226		05-0466_00_XS.pdf	05-0466_00_XS.pdf
905226		05-0466_00_XS.pset	05-0466_00_XS.pset
905226		index_R.txt	Roadway index
905226		R002A0SU.dgn	GENERAL PAVING SUMMARY SHEET
905226		R002B0GN.dgn	GENERAL AND SPECIAL NOTES SHEET
905226		R00100LS.dgn	LAYOUT SHEET
905226		R00200TS.dgn	TYPICAL SECTIONS
905226		R00300PL.dgn	PLAN SHEET INDIAN GAP RD. STA 7+40 TO 9+89.50
905226		R00400PF.dgn	PROFILE SHEET STA 7+40 TO 9+89.50
905226		R00500RW.dgn	RIGHT OF WAY SUMMARY SHEET
905226		R00600DS.dgn	TREATMENT OF EMBANKMENTS AT END-BENTS
905226		R00700MT.dgn	TRAFFIC CONTROL PLAN AND NOTE SHEET
905226		R00800EC.dgn	EROSION CONTROL
905226		R00900CC.dgn	COORDINATE CONTROL
905226		StaticMapImage.tfw	StaticMapImage.tfw
905226		StaticMapImage.tif	StaticMapImage.tif
905226		X00100XS.dgn	Mainline STA.7+20 TO STA.7+65
905226		X00200XS.dgn	Mainline STA.7+77 TO STA.7+90
905226		X00300XS.dgn	Mainline STA.8+00 TO STA.8+52
905226		X00400XS.dgn	Mainline STA.8+60 TO STA.9+00
905226		X00500XS.dgn	Mainline STA.9+20 TO STA.9+50
905226		X00600XS.dgn	Mainline STA.9+60 TO STA.9+89