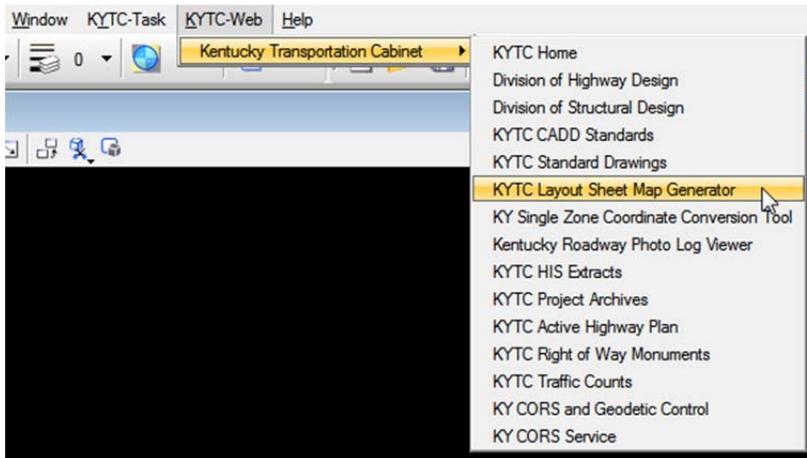


KYTC Layout Map Generator

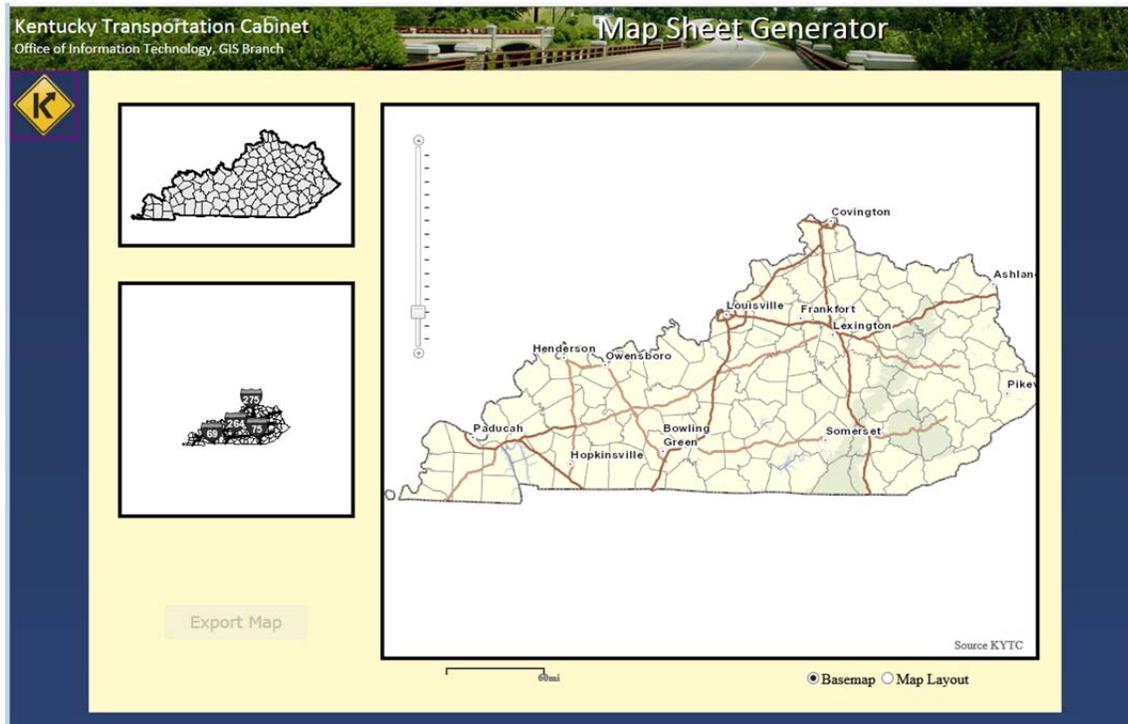
10/30/2014

To create the maps for the layout sheet on a KYTC project, follow the following steps.

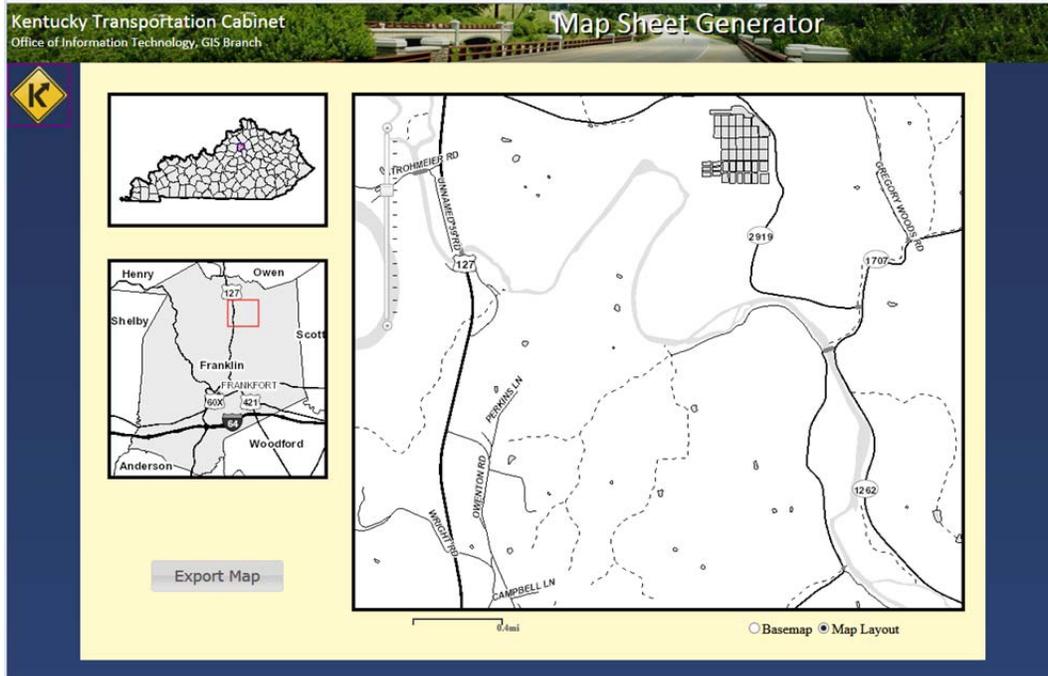
1. In MicroStation, open a new file to create your layout sheet. Add your centerlines then go to KYTC-Web>Kentucky Transportation Cabinet>KYTC Layout Sheet Map Generator.



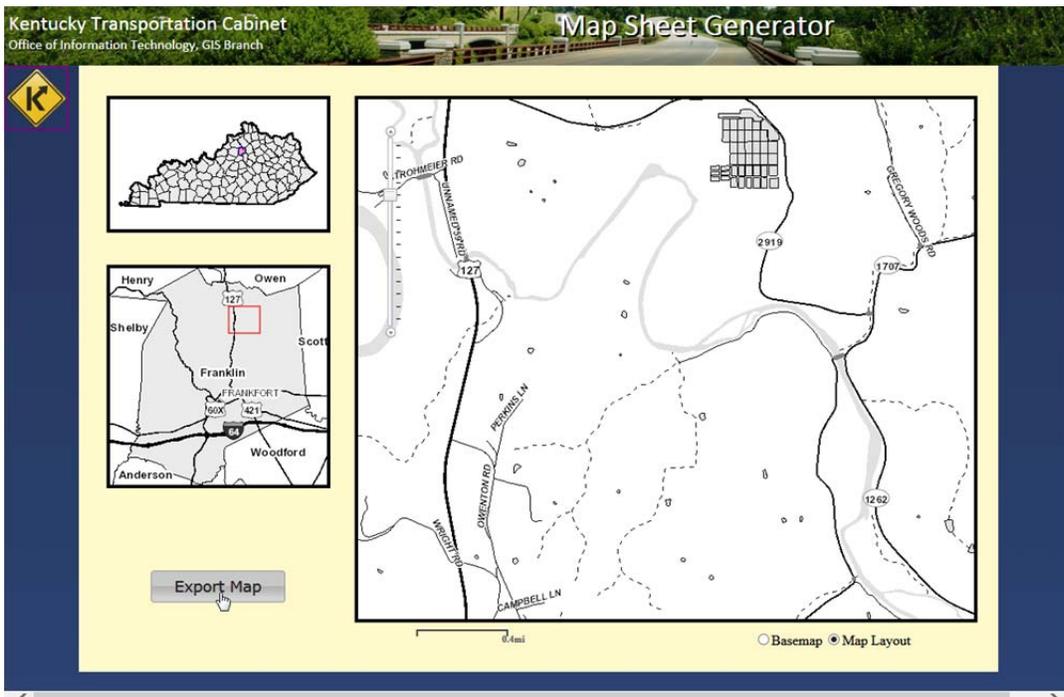
2. This will open an internet window and start the GIS application to export your map.



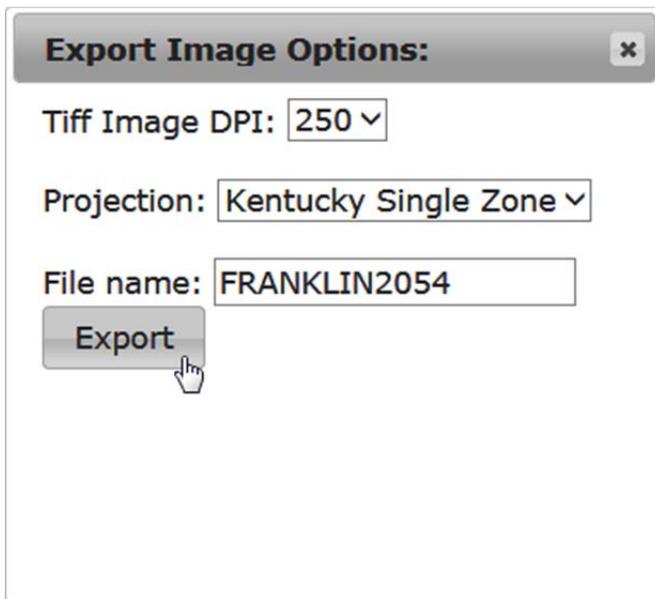
3. Zoom into your project location. If possible, get the nearest town in the map for reference purposes.



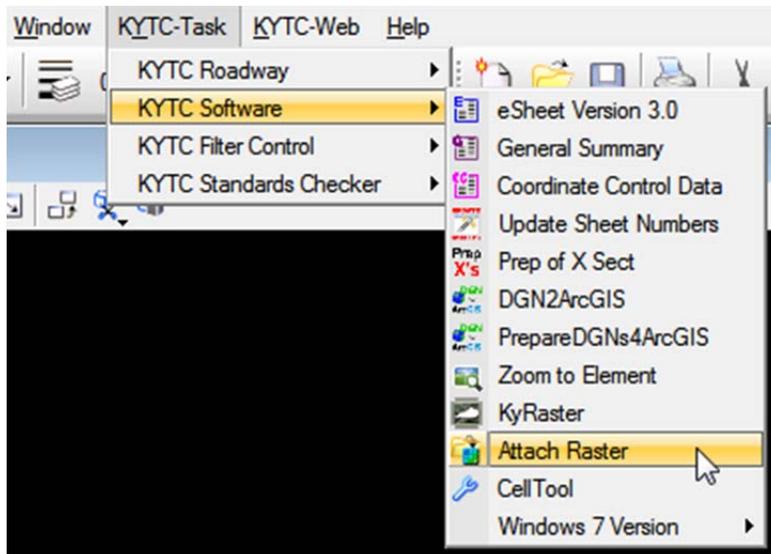
4. This has updated the other two maps by highlighting the county/counties in the state view and placed a box around the detail area in the county map. Now you can export the map to attach in MicroStation. Select the "Export Map" button. The Map Layout is the image you will get even if Basemap is selected. The Basemap option is to help you locate your project.



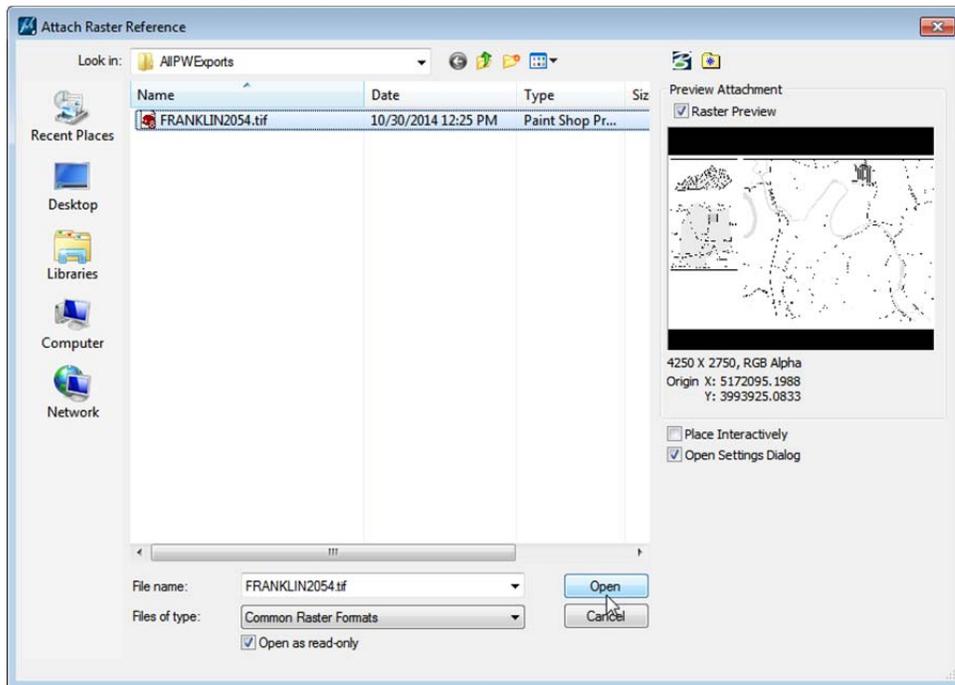
5. Select the proper coordinate system (KY Single Zone, KY North Zone or KY South Zone). You can change the DPI if you wish; however, there is no appreciable improvement in print quality between 250 DPI and 600 DPI. Once you have these options set, select "Export". This will begin the export process. There will be two files exported, and they need to be named identically and kept in the same folder as the design file. If you are using ProjectWise, you will need to save the files on your hard drive then put them in the ProjectWise folder with the design file. One is the image itself in TIF format; the other is the world file (TFW) which will tell the image where to display in the design file. It is important that they are named identically or else MicroStation will not know where to place the image.



6. Return to your MicroStation design file then select KYTC-Task>KYTC Software>Attach Raster.



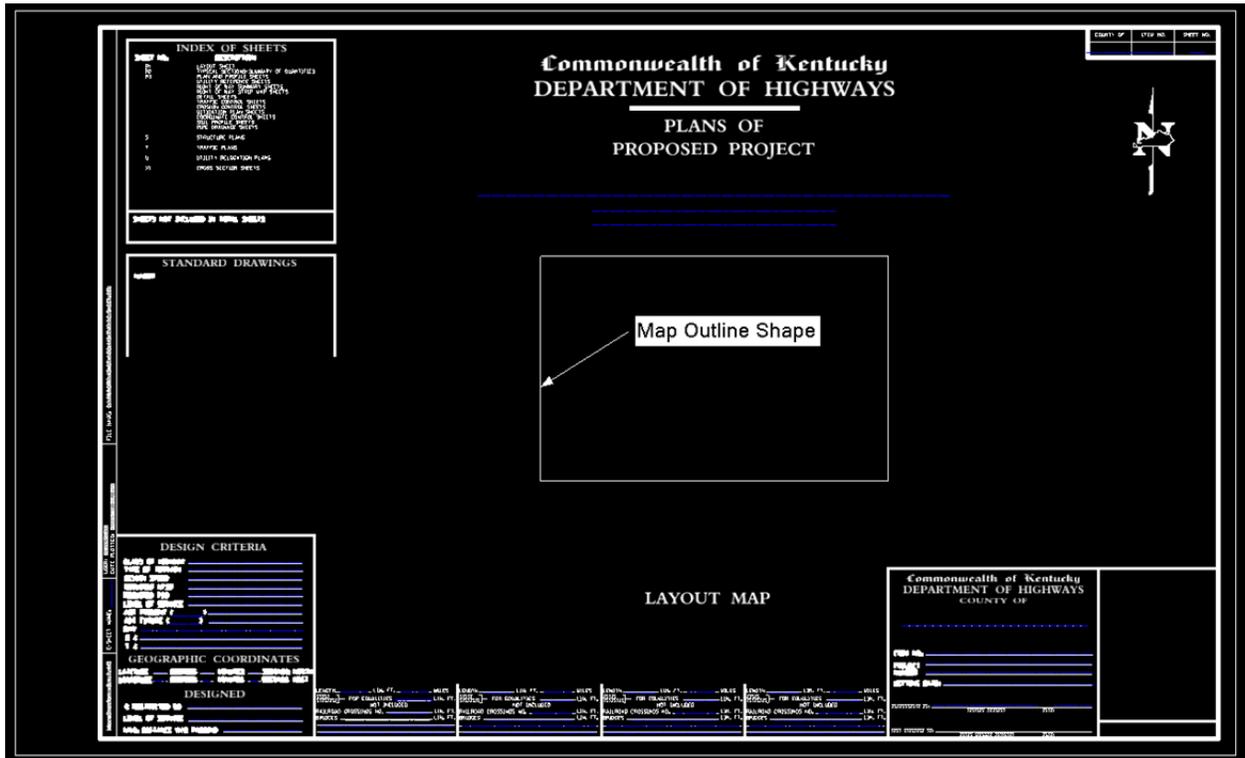
7. Point to the .tif image you just exported and select "Open".



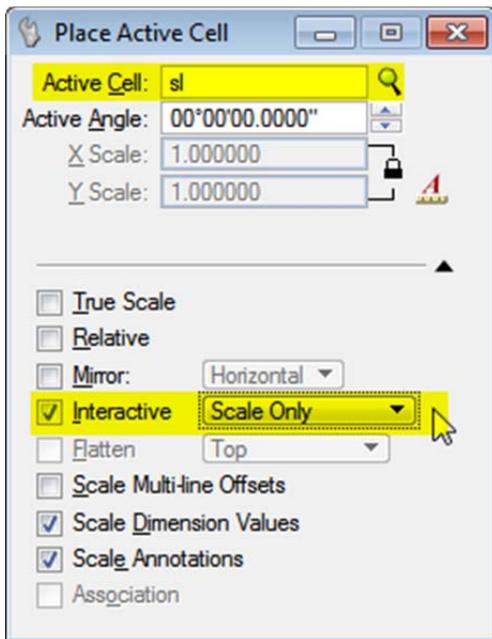
8. Click "OK" in the Attach Raster window as well; if everything was set correctly, you should not have to change any settings in this window and you should now see the map with your alignment as shown below.



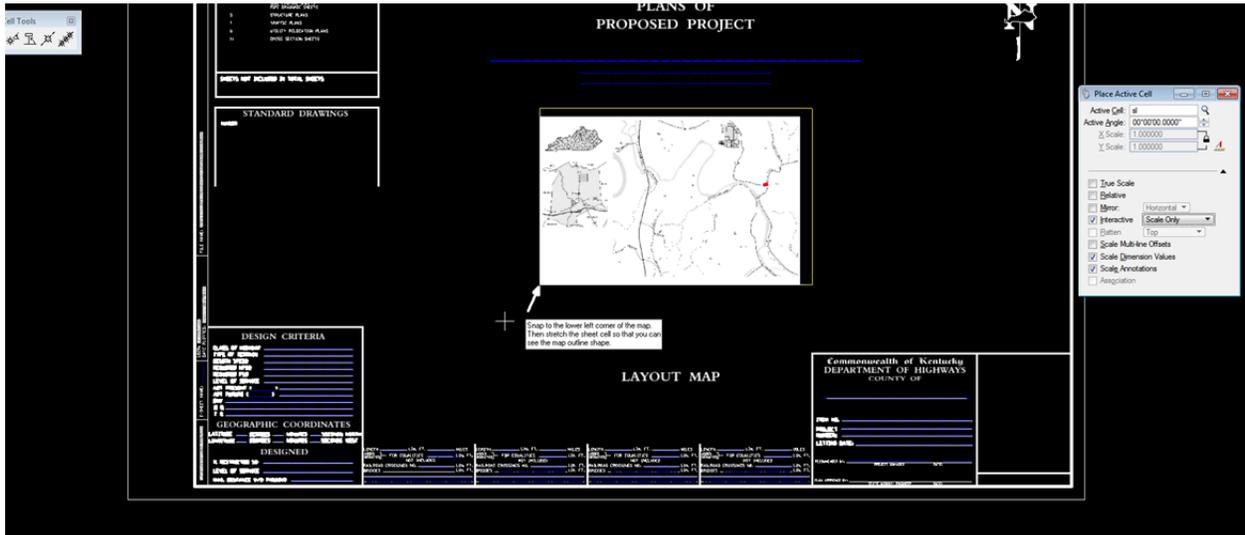
9. Now place the layout sheet cell. Below is an example of the sheet cell. Note the shape labeled “Map Outline Shape”.



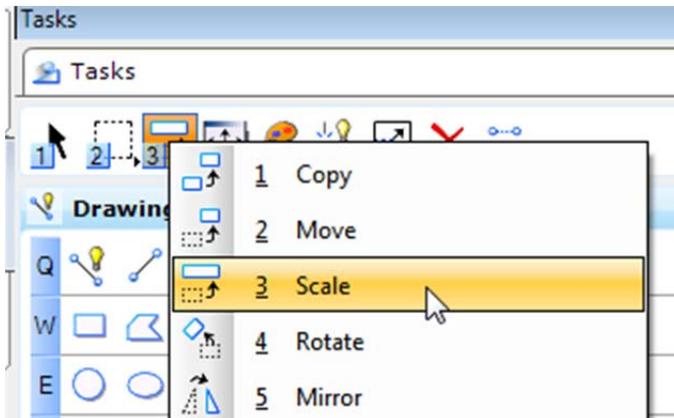
10. Select the “Place Cell” tool and adjust the tool setting as show below.



11. For the first point, snap to the lower left corner of the map image raster attachment and click a data point.



12. For the second placement point of the layout sheet cell, move the mouse to the upper right until the Map Outline Shape in the cell is visible outside of the map image raster attachment (shown as the yellow lines in the image above).
13. Next scale the layout sheet to fit the image. Select the "Scale" tool.



- a. Adjust the tool setting as shown below.

