

1. User Preferences

This exercise is to familiarize you with GEOPAK's User Preferences which control the output format of data produced when using GEOPAK.

When you set up a Design Road Project as we will do in the next exercise, it stores its own set of "user preferences" which are reloaded each time the project is loaded.

NOTE:

The real advantage of accessing User Preferences as shown in this exercise is "on the fly" settings. You can temporarily make settings to see more decimals, etc. in order to check something, knowing that whenever you reload your project the standard user preferences stored with the project will replace those temporary settings.

I.) Defining Design User Preferences

- 1) Open the MicroStation file:

C:\Projects\Roane\SR95PoplarCr\ROSR95Alignments.dgn

Make sure the survey file is displayed before moving on.

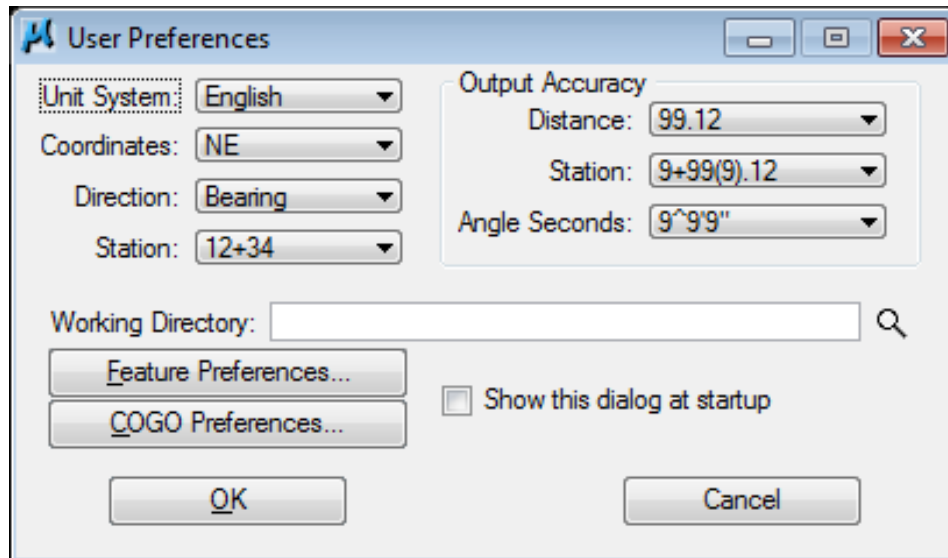
NOTE:

This path above is to be used for this class only. The project folder name is based on the project limits for this roadway. This project is on S.R. 95 in Roane County and its limits are from Poplar Cr. To Westover Drive. It is recommended that the project folder name include the roadway name and the beginning location of its limits. In the case of smaller projects such as bridge or intersection projects, you might use the creek or river name, the intersecting roadway name, or a log mile with the mainline roadway name to set a project folder name.

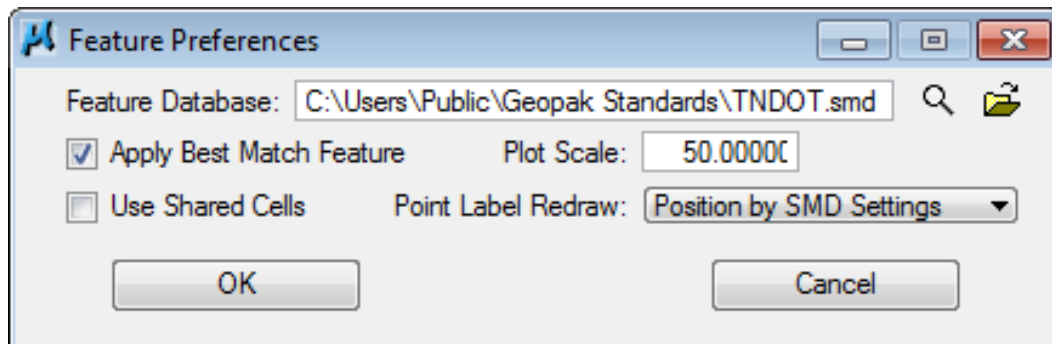
The project folder name that you choose to store your project in should follow this same basic format to avoid conflicts with other projects on the same roadway in the same county.

- 2) Access the GEOPAK User Preferences dialog from the MicroStation menu bar. Applications → GEOPAK → Road → User Preferences.

- 3) The User Preferences dialog should appear as shown. Check the standard settings for formats and output accuracy.



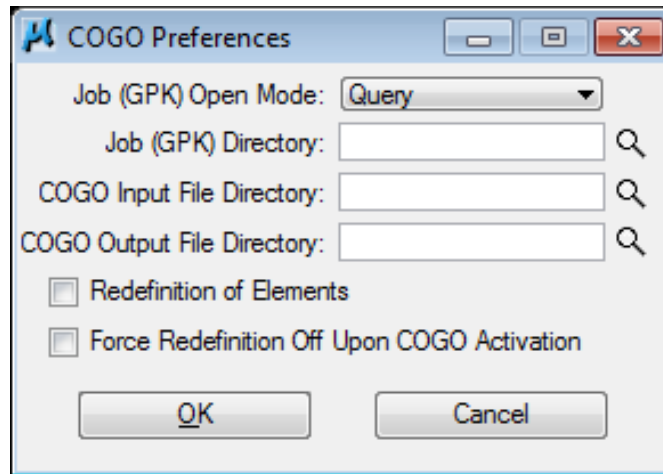
- 4) Press the Feature Preferences button and set the Plot Scale to 50 as shown. The SMD file should be set automatically. Toggle on the Apply Best Match Feature option.



Press OK to save the settings.

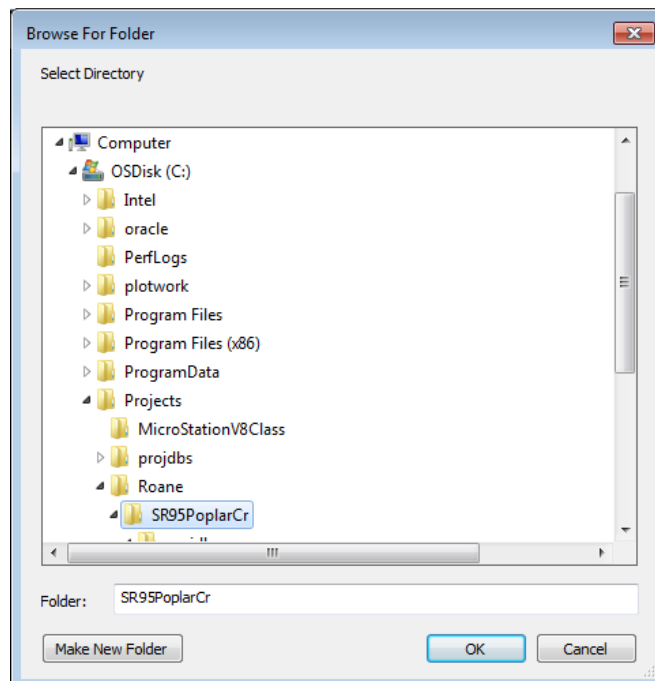
Exercise 1

- 5) Press the COGO Preferences button and review the settings available there. In our standard workflow we do not set special directories for COGO files. Instead, we set a project working directory where all project files go.

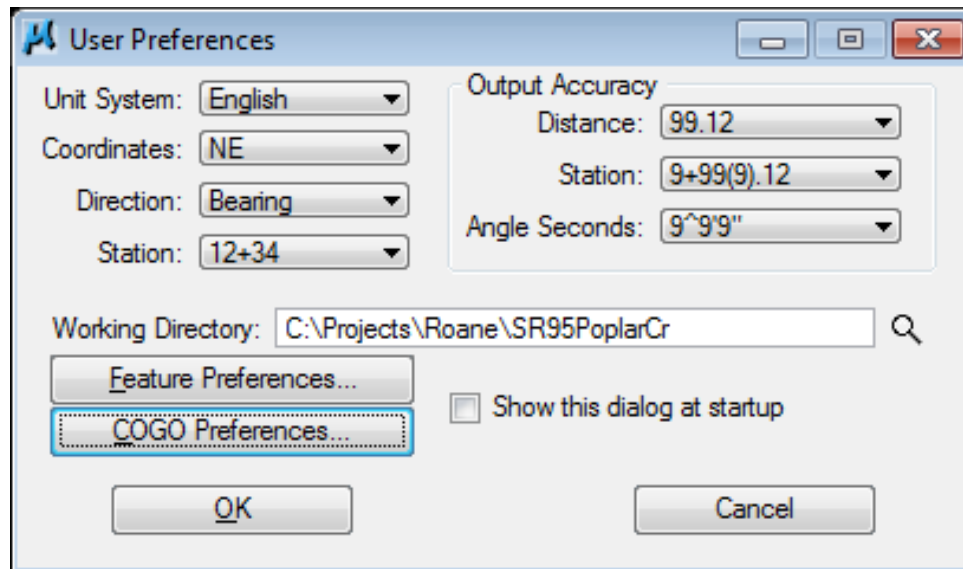


Press Cancel to exit without making any changes.

- 6) Click on the explorer button to the right of the Working Directory keyin field. Navigate to the project working directory as shown and click OK to set.



- 7) Now that all settings are made, the User Preferences dialog should appear as shown.



On the GEOPAK User Preferences dialog, press OK to exit and save settings.