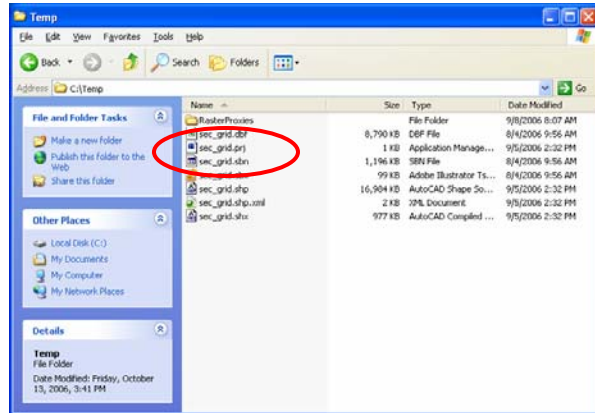
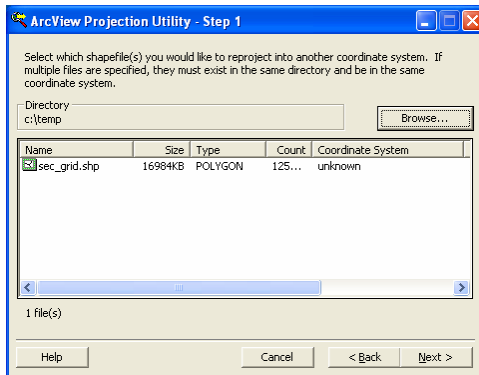


Projecting Data in ArcView GIS 3.2 or 3.3

Before any reproduction of data can be done in ArcView GIS, projection files (.prj) created in ArcGIS must be deleted. Even though the files are used the same way, there are slight differences that will cause the reprojection to fail. Browse to the location of the file to be projected using Windows, and delete the file with the extension of .prj.



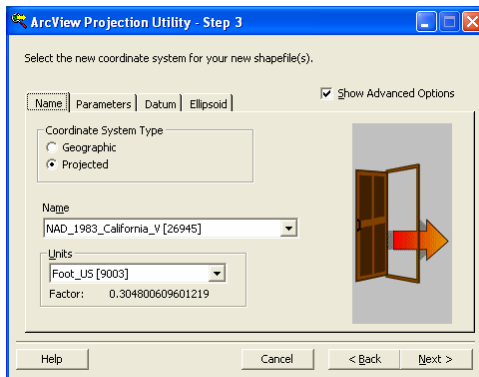
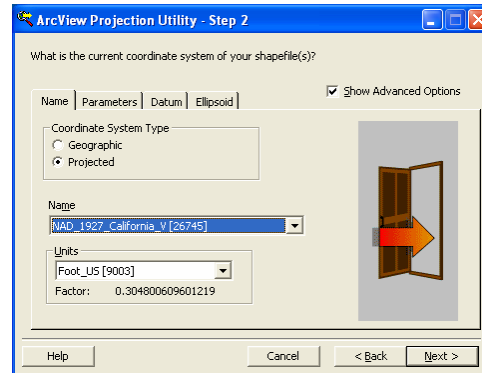
Once the projection file has been removed, open the *ArcView Projection Utility* by selecting the *Projection Utility* shortcut in the Windows Start Menu.



After the *ArcView Projection Utility* has been initiated, select the spatial dataset(s) to be projected by browsing to the dataset using the *Browse...* button. Press the *Next >* button to proceed to Step 2.

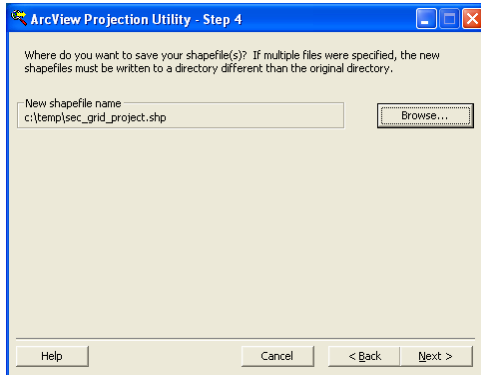
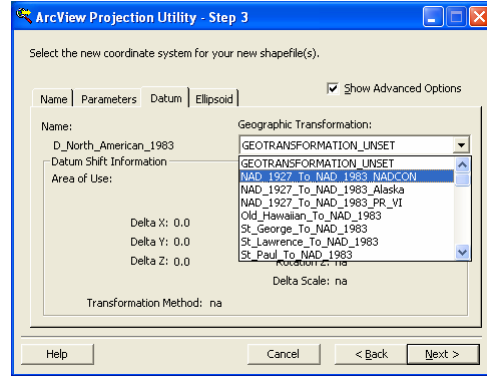
In Step 2, Make sure that the *Show Advanced Options* checkbox is checked to be able to have the full

capabilities of the utility. Under the *Name* tab, Select *Projected* in the *Coordinate System Type* area. Then, under *Name*, select *NAD_1927_California_V [26745]* and leave the *Units* as *Foot_US [9003]*. All of the options in the other tabs will be correct. Press the *Next >* button and an information box will be displayed stating that a new .prj file will be created. Select *Yes* and continue onto *Step 3*.



Once again, Select *Projected* in the *Coordinate System Type* area under the *Name* tab. Then, under *Name*, select *NAD_1983_California_V [26945]* and select *Foot_US [9003]* under *Units*.

Next, switch to the *Datum* tab and select *NAD_1927_To_NAD_1983_NADCON* as the *Geographic Transformation*. This same transformation can be used to convert back to NAD 1927. All of the options in the other tabs will be correct. Press the *Next >* button to continue to *Step 4*.



Select the name of the output shapefile, or the directory if projecting multiple shapefiles by browsing to the dataset using the *Browse...* button. Press the *Next >* button to continue to the summary screen.

All inputs can be verified from this screen and if an error is found, can be changed before the process is finished. If all inputs are correct, press the *Finish* button to complete the reprojection process.

