

Exercise 6-1

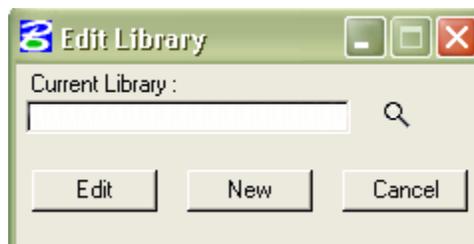
In this exercise we will be creating a new line style to describe the direction, distance, type of monument, station, offset and route.

1. Open the Legal Descriptions tool under **Applications > GEOPAK Road > Geometry > Legal Description** or under the **Geometry > Tools > Legal Descriptions** on the survey menu bar.

2. Using the browser select the GPK in which the parcels have been stored. Then select the **OK** button.

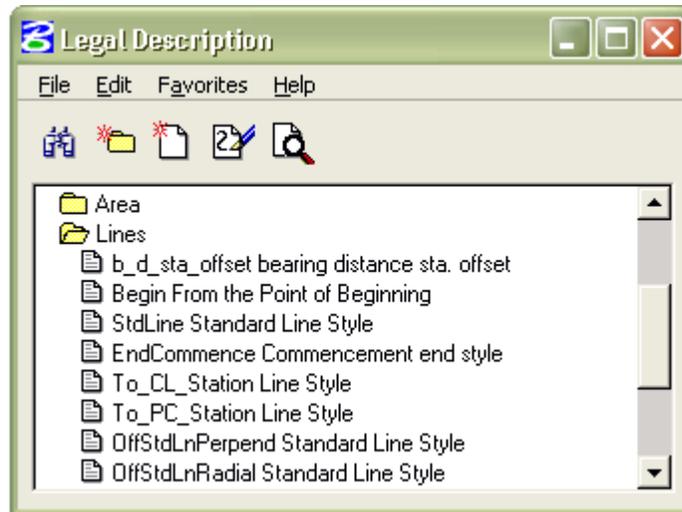


3. To edit the library go to **Library > Edit Library**, which will display the **Edit Library** dialog box. Use the browser to path out to where you have your library stored.

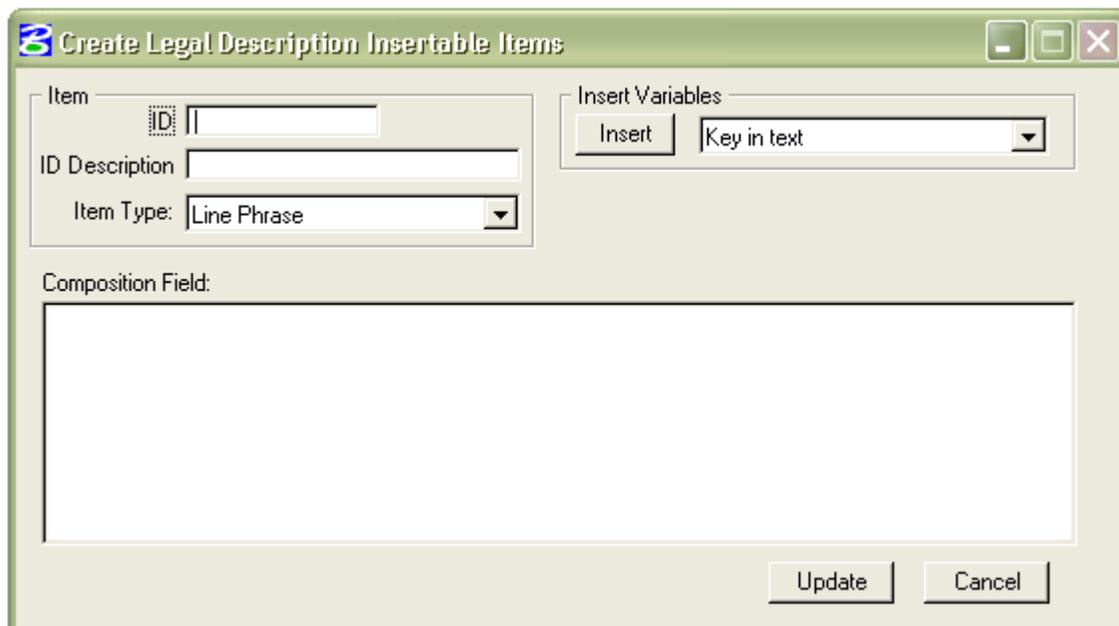


Then select the **Edit** button.

4. Now select **Edit > New Item**, which will invoke the **Create Legal Description Insertable Items** dialog.



5. In the **ID** field enter in the name of the new line phrase. Use **B_D_STA_OFF** for this exercise. This stands for bearing distance station offset so enter this in for the **ID Description**. For the **Item Type**, this will be a **Line Phrase**, so there is no need to change anything.



6. Now we will use a combination of the **Composition Field** and the **Insert Variables** to define the exact text that will be used when we use this command. In the **Composition Field**, type in the word **thence** then a space. Using the **Insert Variables** drop down, select **Bearing** then the **Insert** button. Type in a , (comma) then a space **a distance of** then a space. Using the **Insert Variables** drop down, select **Dist. (feet)** then the **Insert** button. Type in **feet to a** then a space.

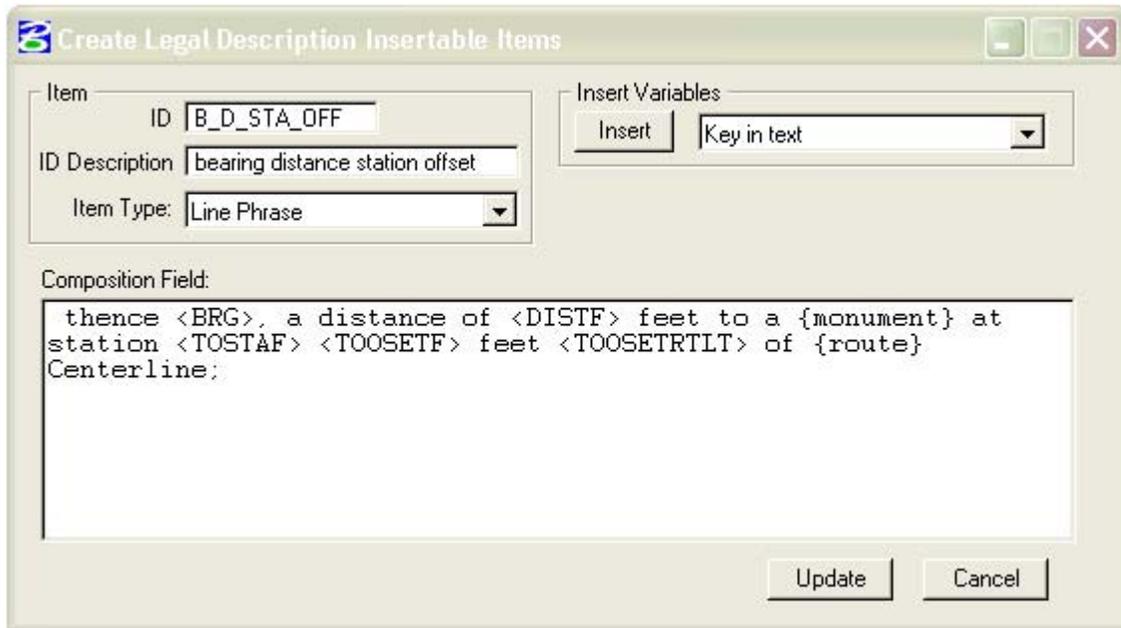


Using the **Insert Variables** drop down, select **Key in text** then the **Insert** button. This will pop up the **Create Key In Field** dialog box and allow you to insert text that will describe what information needs to be keyed in. We are going to be describing the monument so type in **monument** and select **OK**.



Type in **at station** then a space. Using the **Insert Variables** drop down, select **To Station (feet)** then the **Insert** button. Using the **Insert Variables** drop down, select **To Offset (feet)** then the **Insert** button. Using the **Insert Variables** drop down, select **To Offset, right/left** then the **Insert** button. Using the **Insert Variables** drop down, select **Key in text** then the **Insert** button. This will pop up the **Create Key In Field** dialog box and allow you to insert text that will describe what information needs to be keyed in. We are going to be describing the route so type in **route** and select **OK**. Type in **of Centerline**;

8. Once you have completed the item, select the **Update** button to make the changes. Then exit the dialog box.



9. Once you have exited you will be asked to save the file. Always say yes to save the changes.

