Geopak Corridor Modeler Labeler tool

This tool can be accessed from the Geopak: D&C Manager, as shown at the right:
(If the item is not found as shown use the D&C > Edit > Find tool to locate it.)

*Double-clicking* the Corridor Modeler Labeling tool, as located above, will produce the Cross Section Labeler dialog, similar to as shown at the right.

After entering the necessary Job, Chain, and Begin and End Station information in the data entry fields, as shown at the right, *click* either the Slope Label or Elev/Off Label tab.
Slope Label

The “Slope Label” tab (dialog), (located by the yellow arrow at the right), has been modified to include the “Dimension between Pts” check-box, (☑), located by the red arrow. This option will draw vertical dimension lines and label the distance between two specified points on the cross-section and label the cross slope.

Click the Symbology tab, (green arrow), to produce the Slope Label Attributes dialog, as shown by the blue arrow. Set the Label Attributes as desired and Click the OK button.

NOTE: The default symbology color is white, so if white is the background color it will appear as if the labeling command did not work. When working with a white background, make sure the Attribute color is not set to white.

The Start Point and End Point fields, (shown by the red arrow at the right), indicate the left and right end points of the segment to be dimensioned and labeled. Click the ID button(s), green arrow, and select the respective Start Point and End Point names, (as shown by the blue arrows). As each text item is accepted, the point name will be added to the Start and End Point text fields, (red arrow at the right).

Segments to be dimensioned must be added to the list box, (as shown by the green arrow at the right.) Each pair of points defining the line segment to be dimensioned, (as shown by the red arrow at the right), must be added to the segment listing in the list-box, (green arrow), by clicking the Add button, as shown by the blue arrow.

NOTE: The Dimension between Pts toggle affects ALL points shown in the list box, (green arrow), and not only those in the text fields, (red arrow).
When all data input listed above is complete, switch back to the General tab, (red arrow at the right), and click the Draw Labels button, (blue arrow). This will produce the requested dimensions and slope labels, as defined in the Attributes dialog above, and as shown by the green arrows at the right.

**Elev/Off Label**

In the "Elev/Off Label" tab, (dialog), (located by the blue arrow at the right), the “Sta Pro” check-box (?) has been added, as shown by the red arrow. The Sta Pro function places a Profile Elevation label at the location of the selected text element.

**NOTE:** Selecting the “Sta Pro” checkbox will disable the other checkboxes and will display the Elevation Offset Label Attributes dialog, as shown below.

**NOTE:** The default symbology color is white, so if white is the background color it will appear as if the labeling command did not work. When working with a white background, make sure the color is set at something other than white.

After the Elevation Offset Label Attributes have been set, click the OK button, dismissing this dialog.
As with the **Slope Label** option described above, *click the ID button*, (red arrow), then select and accept the point to be labeled, (blue arrow). *Click the Add button*, (green arrow), to add the item to the **Point Name** list in the list-box, (pink arrow).

When all items to be labeled are present in the list box shown above, switch back to the **General** tab, red arrow), and *click the Draw Labels button*, (blue arrow). This will produce the information shown by the green arrows.

**NOTE:** If the **Sta Pro** elevation label is to be located at the center of a divided highway median, the "**CL_MED**" null point label, (centerline of median), should be used for the elevation location.