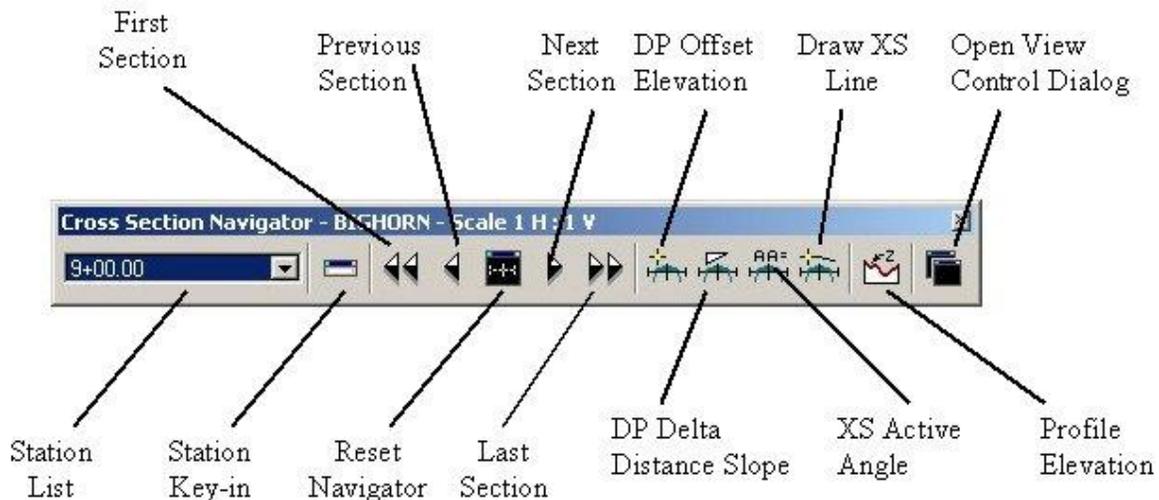


## Cross Section Navigator

The **Cross Section Navigator** is a tool used to view and move between cross-sections. It can also be used to draw cross-section information.

The user can access **Cross Section Navigator** by the **Cross Section Navigator** icon. When the icon is chosen, the following dialog appears.



The user can move through the cross-sections by either choosing the station from the pull-down list, by typing the station value into the **Station Key-in** dialog, or by using the **First Section**, **Previous Section**, **Next Section**, or **Last Section** icons. The **Reset Navigator** icon will center the first station to the view, and reset the navigator to the first station value. Cross-section elements can be added or modified using MicroStation tools, and/or the cross-section drawing tools.

**DP Offset Elevation** – data points at a given offset/elevation, or find the offset/elevation of the cursor location.



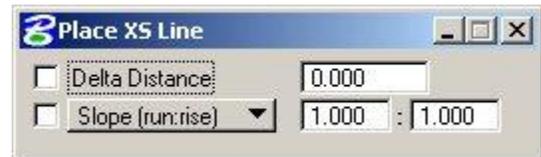
**DP Delta Distance Slope** – draws a line at a given horizontal distance and slope.



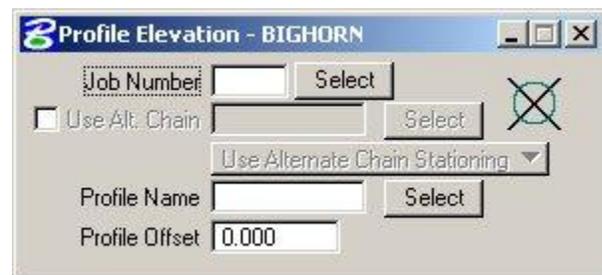
**XS Active Angle Tool** – sets the active angle to the given value. If a MicroStation tool is used with the active angle option, this value will be used.



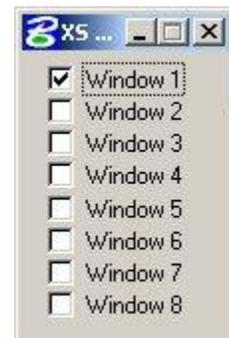
**Draw XS Line** – draws a cross-section line. An offset or a slope can be specified.



**Profile Elevation** – issues a data point at the elevation of a specified profile. An alternate chain location can also be specified.



**Open View Control Dialog** – allows the user to open and navigate through several windows to view different portions of the cross-section at the same time. (I.e. The user can view the whole cross-section in view 1, the left side in view 2, and the right side in view 3.)



## Exercise 5-1

1. Open the MicroStation file **t:\de-proj\Carter\J9P0359D\data\XS\_Navigator.dgn**.

2. Modify Cross Section files as directed in the MicroStation drawing. Only draw the top surface of each cross section. Use the XS Navigator Drawing tools to place new elements.