InRoads

Input Files

Did you know that if you have data to key in, instead of entering this data in the key-in dialog box one command at a time consider placing your commands in an input file. Once the input file is created then enter the filename as a response to the current active alignment command. For example, creating a horizontal Transition Control alignment one could enter Station/Offset commands to do this in an input file.

A portion of the input file might look like this:
so=300+00.00,-32.000,0,SH 131 Alignment
so=300+15.00,-32.000,0,SH 131 Alignment
so=301+20.00,-31.395,0,SH 131 Alignment
so=301+67.52,-25.669,0,SH 131 Alignment
so=302+97.60,-25.669,0,SH 131 Alignment
…and so on.

Save this file as something like "C:\Projects\12345\Design\InRoads\TC-POSS.inp"

The above example will create a new alignment in the Active Geometry Project which will be the Active Alignment, but will reference another alignment for base information. In this case you are specifying which alignment to extract data from, "SH 131 Alignment". Also note the elevation data field (",0,") is set to 0, or it can be defaulted, but you still need to account for the elevation field with comma delimiters if you specify an alignment name. Please consult the Bentley help system under the "Classic Cogo" commands for additional information.

Open up the key-in dialog box, if necessary.

Create the new alignment under the desired Geometry Project, then activate the Horizontal "Add PI" command.

In the key-in text control enter "@c:\Projects\12527\Design\InRoads\TC-POSS.inp", then press "Enter". The horizontal PI's will now be added to the alignment from the data contained in the input file.

Be sure to include the full path specifier to your input file.