

This guide covers the procedure for using an assembly that has been created to represent a typical cross section to create a simple corridor along an established alignment.

1. On the *Create Design* panel of the *Home* ribbon, click on *Corridor* and select *Create Simple Corridor*.
2. Make the following selections in the *Create Simple Corridor* window:
 - You can accept the name generated by the default naming template or you can provide your own name for the corridor.
 - The description is optional
 - Select the corridor style
 - By default, the corridor object will be placed on the layer PLAN-CORRIDOR, but this layer can be changed by clicking on the icon to the right of the Corridor layer field

After you make your selections in the *Create Simple Corridor* window and click on the OK button, you will be prompted to select the alignment, profile and assembly that will be used to define the corridor. You can either manually select the objects from the drawing or hit Enter to bring up lists of objects that are available.

3. Set Targets

After you select the alignment, profile and assembly, the *Target Mapping* window will appear. This window summarizes the features that will be used to create the corridor model. The existing ground surface needs to be set as the target in the *Target Surface* cells in the table. To do this you can either click each of the cells individually and select the original ground surface from the list of surfaces or click in the cell labeled *<Click here to set all>* to set the target surface in all of the cells.

Click on the *OK* button to create the corridor. It should now appear in the *Prospector* tab under the list of Corridors.

4. Viewing Corridor Sections

You can view the cross sections along the corridor by right clicking on the corridor name in the *Prospector* tab in *Toolspace* and selecting *View/Edit Corridor Section* or by selecting the corridor object in the drawing and clicking on the *Corridor Section Editor* icon on the *Corridor* contextual ribbon that appears.