

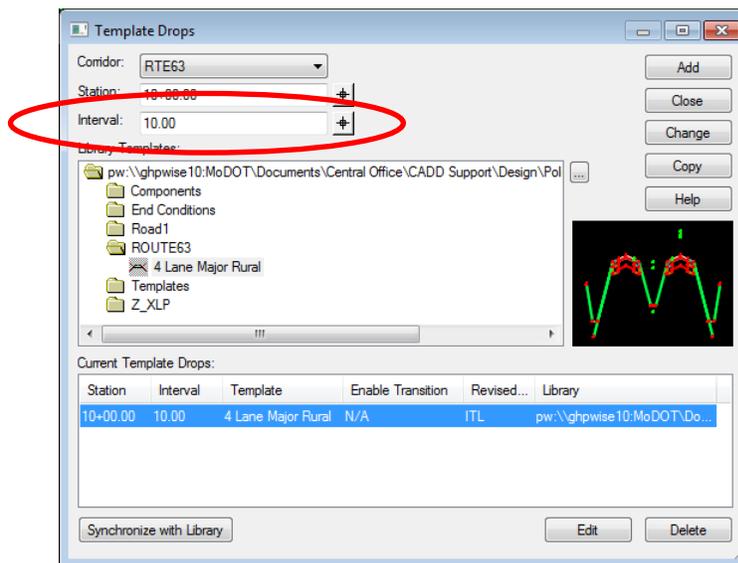
Adding ditches/slope stake boundary to plan using Roadway Designer

This is a workflow or process that will allow the user to create a 3D model and place plan graphics representing ditches or slope stake boundaries in a 2D plan file.

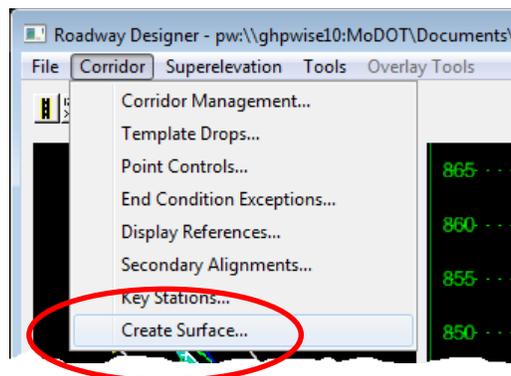
You can start the process after the design is at a point where cross sections are going to be generated.

Start with the 2D plan file and with Roadway Designer open and the .IRD loaded.

Template drops directly relate to how much more detail you may show. Generally, we have used 50' to 100' cross sections to get the slope stake points but with Roadway Designer we can drop templates at a closer interval to get an even more detailed result.



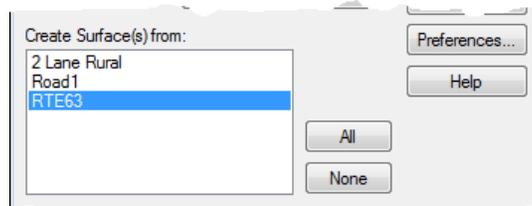
Open the Create Surface tool from the Corridor drop down menu within Roadway Designer.



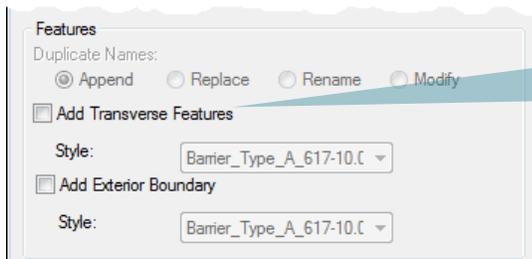
Give the surface a name of your choice.



Pick the surface or surfaces to be included in your model.

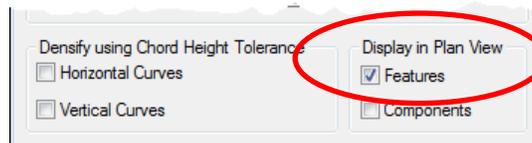


***DO NOT check the Add Transverse Features in the Features section as this will cause the software to place a MicroStation linear element at each template drop that will need to be manually deleted if the option was checked on.

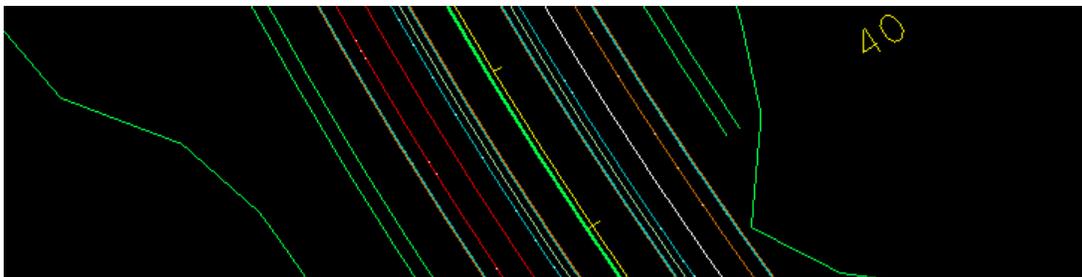


Do not check this box!!

Check the Features option on in the Display in Plan View area.



Choose the Apply button to run the program. This will place the MicroStation elements in the plan view.



Turn on/off levels to show the graphics wanted by using the Level Display tool.

