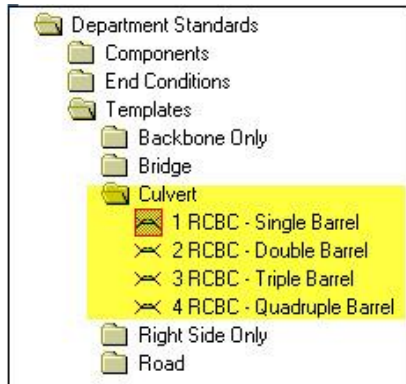## 3_9 CULVERT TEMPLATES

Question:

I have a bridge project with a culvert. How do you show the culvert?

Answer:

Templates ranging from a single barrel to a quadruple barrel RCBC have been added to the NCDOT_Rdy_Standard.ITL (master template library).

Treat the culvert as if it is just another corridor (like a -Y- Line). Use parametric constraints (CV_Box Height and CV_Box Width) to vary each box height and width. Create the DTMs for both the proposed roadway and the proposed culvert. When you are ready to cut the proposed cross sections, add both proposed DTMs and the existing DTM/TIN to the surface list.

For further details on the culvert components, see the below web reference help link. This link is also accessible through the component help link in the template library.

Template Library Help - Culverts

For further instructions on how to use the culvert templates, see the below link for an example exercise complete with a downloadable dataset so you can run through it at your convenience.