16_34 Referencing DRN Files as Placeholders
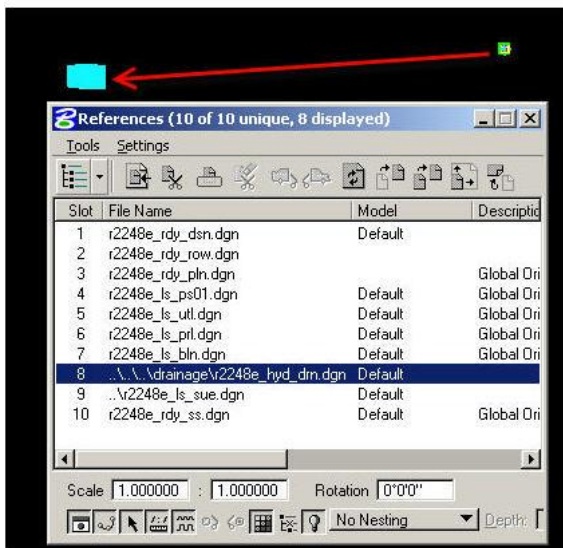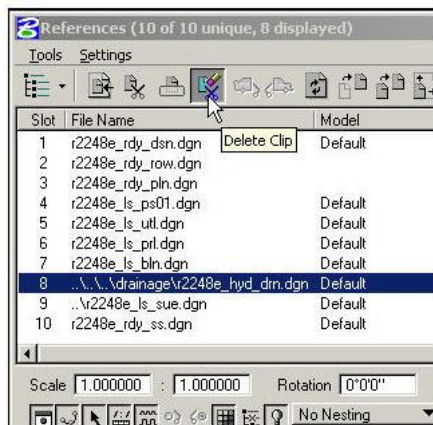
Question:
Before we submitted the plans to Hydro, I have referenced and clipped the DRN file in my plan sheets (PSH files). When Hydro has finished their design, I am unable to see the referenced DRN file. What can cause this problem?

Answer:
It is a common practice in Roadway Design to reference the DRN file and clip them in our plan sheets before sending them to Hydro. This is done in order to save time when saving the plot files (or i files) to iPlot Organizer. Once the drainage design has been drawn in their DRN file, Hydro will overwrite the previous DRN file in the Drainage folder with their copy. In theory, since the DRN files have the same name, the reference clip parameters should not change.

One possible reason, as in this case, why the DRN file may not display post Hydraulic design is because the DRN file was not originally referenced correctly. "Coincident World" was not used as an attachment method. Possibly "Coincident" or "Interactive" attachment method was used, especially for older Projects and V7 files. To test this out, I've deleted the clip boundary components. The referenced DRN files shifted ~210,000 meters to the left of the plan sheet.

Unfortunately there are no easy fixes once the attachment method has been selected and still retains the original clip area parameters. In this case, all plan sheets will have to detach and attach the DRN files, with "Coincident World" as the attachment method, and reclipp manually. To avoid situations like this one, please use the "Coincident World" attachment method every time referencing files. We will look at making this as the default option, instead of "Coincident". Also, Roadway's Plan Prep Manual and our Hearing Map Manual have the explanation of the difference between"Coincident" and "Coincident World" attachment methods.