FDOTConnect Custom Drainage Structures: Bottom's Up!
Q&A – 01/16/25

Q: What file will the cells be stored in?

A: You can save them in either the DrainageAndUtilities.cel or one that you make for your company's special cells.

Q: Where does one find the new DrainageAndUtilities.cel file? I've only seen the old libraries

A: You will probably need to update to a newer version of our software if you don't see that file in your cell files directory.

Q: Apparently SUDA in the newer version of ORD 10.12 is messed up and not fully functional so we've been advised to not upgrade. Is there another way to obtain the .cel file?

A: If you have not updated to the new version all of the instructions in the video are valid to be used in the two older cell libraries (Drain3D.cel for 3D and drplan.cel for 2D). You just have to go between them when modifying or creating cells.

Q: What would be the procedure to give other people custom cells created?

A: Copy the cells into a separate library and send to them. They will have to recreate the rest of the feature definitions and feature symbology.

Q: Is there any capability to 3D model a T-pipe for orifices?

A: Not to my knowledge at this time. If you have an example of what you are asking about please send it to me via email.

Q: What can you do when you need to use or modify an existing structure with very shallow condition for the pipes and it is impossible to drop pipes to have the standard minimum depth for pipes?

A: There is a minimum depth that is set and cannot be violated without major modification to top and bottom cells as well as parts of the Feature Definitions and structure defining settings.