

Q&A for GEOPAK Advanced Road for Roadway Designers – Ch 3 Part 1 of 2

Q: How do I get the manual for these webinars? (The one you are following along in?) Thanks

A: It can be found at the following location.

<http://www.dot.state.fl.us/ecso/downloads/documentation/AdvancedGEOPAKforRWDesigners/AdvancedGEOPAKforRWDesigners.shtm>

Q: The right column where the station and offset are is grayed out and I cannot input anything. Why?

A: The GPK file and a chain must be selected first.

Q: The option to set the profile is grayed out. Why?

A: The Profile option will remain ghosted until you choose the option to place pattern lines at the Control Points - Vertical. The other options do not need the profile and therefore the dialog does not allow a profile to be chosen.

Q: Getting the following message when clicking draw, Some Patterns are outside the DTM or there is no surface. XS Cells without any surface are not created. How can this be fixed?

A: This message generally occurs when there are patterns lines drawn outside the boundaries of the tin surface. Double check the tin boundary against where the pattern lines are drawn. If the pattern is outside of the tin, an existing ground line cannot be drawn... Delete these pattern lines and re-run the tool. If this does not fix the problem, you would need to give ECSO a call.

Q: What is your number?

A: All of our contacts are on the following web page.

<http://www.dot.state.fl.us/ecso/main/contacts/default.shtm> Our contact information can also be found on the FDOT Menu under Standards > ECSO Staff.

Q: Why is the text setting for the vertical offset set to -0.5?

A: This is so that the text does not plot on top of the existing ground line but just below it as shown in the PPM.

Q: Should we save the .xssl file directly to the roadway directory or under a subfolder, i.e. geopak?

A: The .xssl file is for the cross section sheets library. This file I would recommend saving under the /symb directory. The file saved to save the settings for the existing ground tool, is a xsd file. This file I would recommend saving under the working directory. However, this is a user preference and not mandated. Many people create a GEOPAK directory under the roadway directory and save the files there. Either way is acceptable.