

Roadway Design & 3D Modeling – Ch 2 Centerline Alignments

Q: Where can I find the power point for this webinar series?

A: All webinars are recorded for downloading from the ECSO website, along with any power points, Q&A documents, or other attachments.

<http://www.dot.state.fl.us/ecso/downloads/GoToMeetingTraining/PostedWebinars.shtm#loadSection>

Q: Can you repost the link to the training manual?

A: The training manuals will be posted here: <http://www.dot.state.fl.us/ecso/main/FDOTCaddTraining.shtm>

Q: When you say import GPK to "Civil Geometry", is that information just plotted and stored in the design file that you have open?

A: Yes, all of the information will now be stored inside the design file.

Q: Where are Feature Definitions obtained from?

A: They are linked to the GEOPAK DDB and setup in a .dgnlib file delivered with FDOT Workspace.

Q: Is there a naming convention for alignments? Or how do you keep track when you have multiple alignments?

A: There is no standard for naming alignments. When you have multiple alignments just be sure to give them unique names. SS3 will also not allow you to over write an existing name. For example, if you name an alignment SR61 and do not change the name when creating another alignment it will increment the alignment name to SR62.

Q: I guess what I meant was that I don't see where Vern named the alignment he created.

A: When you set the CL Feature on the line work you can name it within that dialog or you can open the properties on the line and name it there.

A: You can name it in the Tool Settings dialog. You can rename a change in Element Info or by getting Properties of the chain.

Q: Can a drainage structure be placed and associated with the Construction line so if the construction line is modified the structure moves with the modified construction line?

A: Yes.

Q: If you have a radius that is below minimum, can you use the Features to change it?

A: You can either adjust the radius to fit within the design standard or change the design standard.

A: No. You would have to change the geometry.

Q: If for some reason I am missing a Feature folder in a DGN, say "2D Plans", how could I link it into the DGN?

A: In the FDOT Workspace, the Feature libraries are attached based on the FDOT Menu Configuration.

A: As Features are used they are added to the DGN. The linking to the Features is done through the FDOT Workspace.

Q: What if your alignment has 2 design speeds? How do you handle this while creating a single alignment?

A: You could develop them in two chains and combine them later or create two Construction lines on top of the alignment and apply the Design Standards to the Construction lines instead of the alignment.

Q: When will the Labeling switch from the D&C Manager to Features?

A: It will be in a future GEOPAK release when the Plans Development tools are replaced.

Q: How do you produce a Station/Offset Report to Structures from the proposed alignment? Can it be done inside SS3?

A: It depends on the type of data. There are several report types available but not all types of data can be reported on in the current version.

Q: If we were to convert a project from SS2 to SS3, importing alignments works well, but when importing long profiles with many components, they do not obtain Civil Geometry. Do we have to recreate the profiles or is there a work around?

A: Yes. Chains of profiles that have too many points often will import but "Civil Rules" cannot be created. In those cases, if you want to use the lengths and angles on the elements to modify them, they would need to be recreated.

Q: Where can you change the color of the handle? (Mine is blue and harder to see than your yellow.)

A: You can change those setting under Workspace > Preferences > View Options - Civil category.