Q&A for . . .

December 3, 2014

Roadway Design & 3D Modeling – Ch 3&4 2D Plans and Profiles

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: Should we use D&C manager?
A: Other than Civil Geometry, the Elements placed are linked back to the DDB with Feature Definitions and Element Templates. However those are only items that are quantified.
A: D&C Manager will still be used for generating quantities at this time. However, plan elements should be created using the Features.

Q: Instead of drawing that green construction line to set the limits of the Civil cell, would it be possible to include a station limits option when placing the Civil cell?
A: Civil cells work off of reference elements. You could have used the centerline, however it would have drawn the line work through your intersection. Vern drew in the construction element to make the placement cleaner.

Q: I was just wondering if there was a way to program a station limits selection in when placing the Civil cell?
A: No you cannot set a station limit or range for civil cells at this time.

Q: Can you put together a list of the civil cells and the references lines associated for each?
A: We are working on Civil Cell help documentation that will explain the civil cells and their respective reference lines.

Q: Does this method of creating profiles have the same accuracy issues as the old store by graphics?
A: Civil Elements have the same accuracy as a cogo database. It has not been verified and accuracy should not be an issue in SS3

Q: Can you fit a vertical curve from 2 tangents in your profile?
A: Yes, use Vertical Geometry, curve between tangents and follow the prompts.

Q: Does the design profile stay in dsgnrd01 file for plan production?
A: No. It needs to be exported to the gpk file.
A: No. It will be exported to a .gpk file and placed in the standard profile file.

Q: Do these tools and tool layout reflect in the Civil 3D State Kit?
A: All of these tools are included in the FDOTSS3 workspace for Bentley PowerGEOPAK and GEOPAK.

Q: How about Horizontal Geometry? Are they retain in dsgnrd01?
A: All of the Civil Geometry elements are written as elements in the dsgnrd01.dgn file.