

Roadway Design & 3D Modeling – Ch 1&7 Existing Terrain/Features/Cross Sections

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.

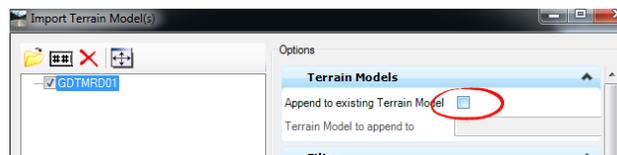
<http://www.dot.state.fl.us/ecso/downloads/GoToMeetingTraining/PostedWebinars.shtm#loadSection>

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: Can we add more data to the TIN at a later stage of the process?

A: Yes, there is an *Append to existing Terrain Model* check box.



TIP: When using MicroStation to Create Region to define a shape you can: zoom into the shape and tentative snap in the middle of the shape, zoom out until the whole shape is visible in the View window, and then data point.

Q: Where is the new Surface stored?

A: A Terrain element for each new Surface is stored in the Active Design file.

Q: When selecting multiple internal clips, are you holding down the Control key?

A: No. You can keep selecting as many elements as needed. When you have them all selected, right click or reset to accept the elements.

Q: Can you change the depth of the Existing Pavement without creating a new template?

A: Yes. Once it's been placed in the file, there is a tool you can use to go back and edit the template. You can also change the depth in the template, under the *Parametric Constraints*.

Q: When editing the template, is that per object or does it affect all of them at once?

A: Per object. For all of them, you would want to edit the template in a local *.itl* file before applying them.

Q: If the TOPO and DTM are revised by the surveyor, do we need to repeat this entire process each time?

A: Yes.

Q: Will the Feature apply the Label in the Cross Section?

A: Not in the Cross Section View, but you can use the Annotate Cross Section tool to place a label. This is shown the [Plans Development Workflows](#) manual.

Q: When running Cross Sections, will it make the Utility symbols ellipses based on the pipe size and Cross Section scale?

A: Yes and there is a defect in the Place Cross Section on Utility Features. The cell does not scale automatically, however it does change *Vertical Exaggeration* based on a default of 1 foot diameter. This is the cell size.

Q: Does the Feature definition toggle bar set as it is apply that Feature to what is drawn/added in the Profile?

A: Each Linear Feature has a Profile display Feature setting that controls the display in the Profile window. A Feature defines how an element is displayed in each of the views.

Q: What is the Clear Crash Utility?

A: This is an application that was delivered with the FDOT SS3 Software that closes all instances of GEOPAK and MicroStation when the program crashes. It should be in the FDOTSS3 folder on your desktop installed with the FDOTSS3 software.

Q: Why does the Utility show solid and not dash?

A: A Feature defines how an element is displayed in each of the Views. Cross Section is set to use a pipe cell. We will look into the level it is place on.

Q: Can you export the Model to Google Earth?

A: Yes. There is a recorded webinar at:

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

Search for Viewing and Animation Tips. Go to the 44th minute and watch the recording.

Q: Which Geographic Coordinate System to use..?

A: This is in the recording mentioned above.

Q: Is there any specific procedure for FDOT...to display in Google Earth?

A: No. Just export the KMZ.