

Laying Out Utilities in FDOTSS4

Q: Where can I find the recording, power point and questions & answers for this webinar?

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

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

Q: Where can I find the Engineering / CADD Systems Office (ECSO) Training Manuals?

A: The CADD training manuals, along with associated training data sets, can be downloaded from the ECSO website: <http://www.dot.state.fl.us/ecso/main/FDOTCaddTraining.shtm>

Q: How can I get on the list for email alerts for future webinars or notifications?

A: ECSO Scheduled Webinars can be accessed for registration at:

<http://www.dot.state.fl.us/ecso/downloads/GoToMeetingTraining/ScheduledWebinars.shtm>

The **FDOT Contact Management** system at: [FDOT Contact Management](#) is available for participants to sign up for email alerts as the Webinars are scheduled and notifications are released. For “How to...” assistance select [How to use FDOT Contact Management](#) help document or [FDOT Contact Mailer](#) webinar.

Q: Can you sort by level in the QC Legacy box?

A: Yes, this box has all the functionality as with QC Check

Q: Is the size of utility line shown on the plans?

A: Yes. The size is not shown in the linestyle but should be labeled in the plans.

Q: How do you reverse direction?

A: If you create a civil chain in the wrong direction, drop the chain and create the chain in the correct direction.

Q: What do you do if the line is not going in the right direction?

A: Select the line at one end or the other to determine the direction the chain is created.

Q: Typically gravity sewer would not be by DOC and be irregular like that. How else would you create profiles?

A: If you have known (or estimated) elevations, you can use the vertical geometry tools to create a profile.

Q: Is there a particular reason why we are not showing size of the utility lines on plan view anymore? Not all projects have cross sections.

A: Sizes of utility lines should be shown in the plans with a label.

Q: Are the existing utility line profile elevations coming from the top of the line or the bottom?

A: At this point in the demo it is just a line without thickness so it doesn't have a top or bottom. When cut to cross sections the profile will be used as the top elevation of the pipe symbol. The utility profile elevations are defined from the terrain and represents the top of the utility.

Q: I take it that the cells origins are from the top of the cell?

A: Yes

Q: I am assuming you can just use Ancillary Features for the ovals too?

A: Yes, you can. However, this tool will only be available until we move to Civil Connect.

Q: How can we get the cross sections to be drawn in the Rdxsrd view not in a temp. view?

A: With the new tools you cannot. It will generate a new model every time the tool is run.

Q: Can you elaborate on Civil Connect.

A: It is the next version of the Civil product for Bentley that will run with the latest version of MicroStation Connect. When they move to the new version, they are retiring all the legacy tools.

Q: How much is the additional fee and will each District be responsible for paying this?

A: FDOT negotiates these costs on an annual basis. ECSO currently pays the licensing fees for all Districts.

Q: Is there a way to change location of manholes?

A: Yes. You can move them or you change the location by going to the properties.

Q: Where did the manhole come from?

A: The manholes are created automatically through SUE when placing a Sanitary Line.

Q: So the tools being demonstrated now require additional licensing fees?

A: No, not for modeling. If you go past this to do clash detection or advanced properties, you would need to activate the licensed product add-in.

Q: Should we show utilities with the first method or with the SUE approach?

A: Which ever method benefits you or your project.

Q: The nodes and pipes you just placed, will they show the correct symbology in the plans for submittals or do you need to draw the plan view line strings and plan manhole cells separately?

A: The SUE features in our workspace have been set up to meet our standards.

Q: In the near future, are they ever going to get a labeling tool for cross sections when using SUE?

A: Not in the near future.

Q: How can you use Clash Detection when the actual utility depth and size are unknown or estimated?

A: The Clash detection tool is based off the model. It will find clashes based on the items in the 3D model.

Q: Can you use Clash Detection with Drainage? Would you have needed to do GEOPAK Drainage?

A: Yes you can use Clash detection with drainage and no you do not have to use GEOPAK drainage.

Q: When will the webinar be on the ECSO website?

A: It will be posted within the next few days.