

## FDOTSS4 Design Survey Workflow (1 of 3)

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

A: All webinars recorded for downloading from the Engineering/CADD Systems Office (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 ECSO CADD 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 ECSO CADD 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. Just check for CADD options. For “How to...” assistance select [How to use FDOT Contact Management](#) help document or [FDOT Contact Mailer](#) webinar.

**Q: Where can I connect to the on-line FDOT CADD Support Forum?**

A: [http://communities.bentley.com/communities/user\\_communities/fdot\\_cadd\\_support/](http://communities.bentley.com/communities/user_communities/fdot_cadd_support/)

**Q: How can I connect with a CADD Support representative?**

A: Feel free to send any comments, suggestions, and questions to ECSO: [ecso.support@dot.state.fl.us](mailto:ecso.support@dot.state.fl.us)

**Q: The control file, would it be the CAiCE control or the EFB control file?**

A: EFB

**Q: Is SURVRD01 going to be the standard Design survey file with this new SS4? Or are we still using the TOPORD01 and DREXRD01, and UTEXRD01?**

A: TOPORD01 and DREXRD01, and UTEXRD01 are now standard level filters in the SURVRD01 file. The idea is for Survey to provide one Standard Design Survey file to the designer, yes. If the designer would like the conventional 2D files, TOPORD01 and DREXRD01, and UTEXRD01, they can set the filter and create new files. However, this is a new workflow and until it is vetted this concept is subject to changes.

**Q: Can you show how data is brought in?**

A: I'm sure he will. Right now he's introducing where to find all the settings. This is part 1 of a 3 part series...

**Q: Will SS4 have GEOPAK**

A: Yes.

**Q: I don't have the three tabs in the project explorer, is there a different way to bring them up or should they already be there?**

A: Use MicroStation Setting, Project Explorer dialog to add the other tabs. They are likely set to false. Go to the MicroStation Menu Bar > Settings > Project Explorer and you should be able to toggle those extra

tabs on.

**Q: Will the graphic alignment feature be linked to GEOPAK?**

A: Not directly. You will be able import from and export to the GPK, but it will not be automatically 'linked'.

**Q: Should the survey be able to be seen in the SS3 fdot seed or only in the SS4 one?**

A: Both, use MicroStation Settings > Project Explorer to add the Survey Tab. It is likely set to false.

**Q: In the future, do you see it necessary for all lines, smart lines, etc. within the SURVRD file to have a feature definition applied for the benefit of engineering design? The reason I ask is for projects that have been survey with either mobile or terrestrial lidar. A majority of that data is extracted using the 3rd party software such as TopoDOT and we use standard lines/smart lines that are traced from the point cloud as the break lines for the terrain model. These lines will need a feature definition?**

A: Depends on how you build your Terrain Model. The lines that will be break lines will either need a feature definition applied or added as a feature with the "Add Feature" too.

**Q: My Civil Standards > Libraries are greyed out, any idea what I am doing wrong? I am using fdotss3 seed.**

A: The libraries are greyed out because they are not actually in the file but referenced from a read-only dgnlib. This is normal. Only the file data will be accessible. If there are no feature definitions or civil data in the file, there will be none listed. When you import features, the library definitions will be added to the active design file and will not be greyed out.

**Q: Great presentation...thanks!**

**Q: How should we deal with projects that have already been started in an earlier version of MicroStation?**

A: Make the same old deliveries. Careful with the Terrain Model, If it is a legacy GDTMRD file from a CAiCE CDG, there could be a problem that Bentley has acknowledged with differences in the triangulation. Suggest you use GEOPAK Survey to build your terrain instead of CAiCE.

**Q: If we have older R/W projects that we need to update to SS4, what are the steps we need to take to do this? Do we have to recreate the project from the beginning?**

A: No. There is virtually no difference in the RW Mapping process.

**Q: Lines description/comment. How is that information brought into SS4 as viewable in the dgn?**

A: Bentley has a macro and the FDOT ECSO is also working on one that will visualize the text. Whichever works best will be included in the FDOTSS4 MR1 due out in January.

**Q: Can you mention the advantages between XYZ and OBS files in SS4.**

A: Actually the best practices at this moment is to use CAiCE due to the honoring of the DTM attribute. However, clean up in SS3/SS4 is a viable option.

**Q: If you build a terrain file from an existing GEOPAK tin or direct exported tin from CAiCE without using survey generated elements in the project explorer, would this cause downstream issues with TOPO visualization from the Project Explorer and the tin files not matching?**

A: No problem. A viable Terrain Model can be created from a file like a TIN or LandXML with no detrimental affect.

**Q: We keep hearing GEOPAK is going away. When?**

A: Bentley is in the process of merging the technology from GEOPAK, InRoads and MX into one platform. The Civil Tools and Open Roads is part of this initiative. I cannot say "when" they will drop the 3, but it

should be with the next version of the civil product with MicroStation CONNECT.

**Q: When merging old line styles into master into the SS4, do we need to clear embedded line styles?**

A: Yes, this is a good idea when you are bringing in old linestyles. You should clear the linestyles in the original file and then do the merging into master.

**Q: FDOT still requires us to submit the survey data in CAiCE, correct? If not then what other data format would they accept, or is this by district?**

A: The SURVRD.dgn file generated by importing CAiCE or directly from EFB is a database unto itself.