



Knowledge Base Topic:

Working with CAiCE Files

Software: AutoCAD all versions

CAiCE Files can be exported by creating a LandXML file from CAiCE. FDOT produced a specific menu add on to CAiCE (found in all of the FDOT2010, FDOT2012 installations) that provides additional functionality for exporting LandXML data. The \CAiCE sub-folder to the CADD installations is found under \FDOT2010\CAiCE, or under \FDOT2012.C3D\CAiCE and is copied over top of the normal x:\CAiCE installation folder. This step adds the additional functionality to export the LandXML.

The next step for the user is take the exported LandXML file, and groom it a bit with a tool called LandXML Grouper found in the FDOT Civil 3D State Kit Installation. The file might also be pre-checked for certain errors using the LandXML Converter tool also provided in the C3D install, as shown in the videos. They will find the LandXML converter and Grouper tools inside the program group for the FDOT2012.C3D on their desktop.

FDOT LandXML Grouper

<http://www.dot.state.fl.us/ecso/downloads/publications/Civil3DWorkflows/files/FDOTLandXMLGrouper.wmv>

FDOT Civil3D Survey Workflow Presentation:

<http://www.dot.state.fl.us/ecso/main/Files/2010FDOTRegionalPresentations/documents/SurveyExportFromEFB.pdf>

The accompanying Video:

<http://www.dot.state.fl.us/ecso/main/Files/2010FDOTRegionalPresentations/videos/C3DSurveyWorkflow.wmv>

The accompanying data set:

<http://www.dot.state.fl.us/ecso/main/Files/2010FDOTRegionalPresentations/documents/LandXML1.2.xml>

There is some alternate Survey Workflow information here:

<http://www.dot.state.fl.us/ecso/downloads/publications/Civil3DWorkflows/wf00052.html>

Caice Translator

Civil 3D 2014 includes a CAiCE translator in the Toolbox