

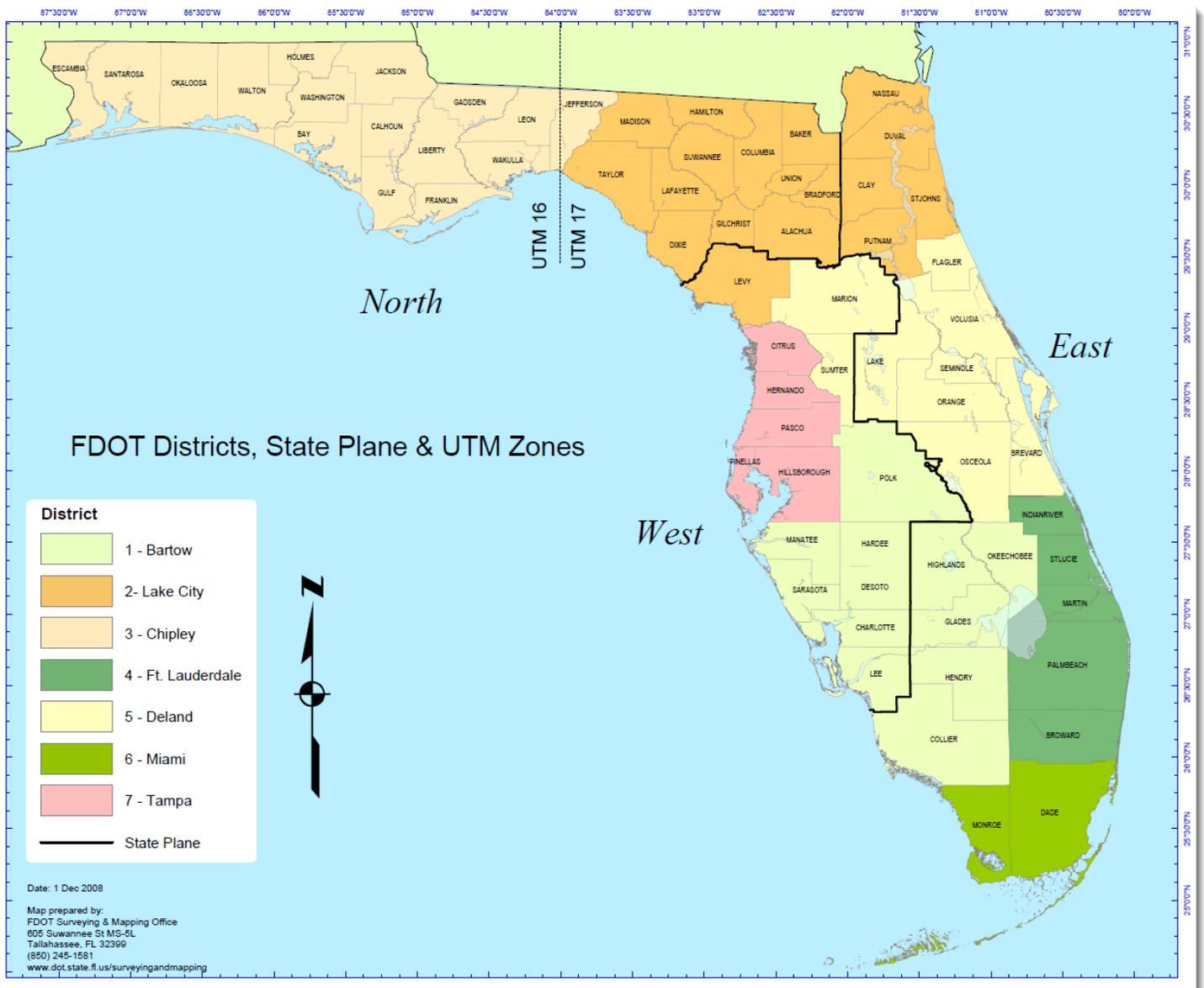


Knowledge Base Topic:

Setting FL State Plane Coordinate Systems

Software: FDOT2012.C3D, FDOT2014.C3D

The State Kit installs templates without State Plane Coordinate Zone assigned. Florida has 3 different State Plane coordinate systems. If the template's coordinate systems are not set, the user will need to set for every file created. This is not performed with the CreateProject or CreateFile utility.



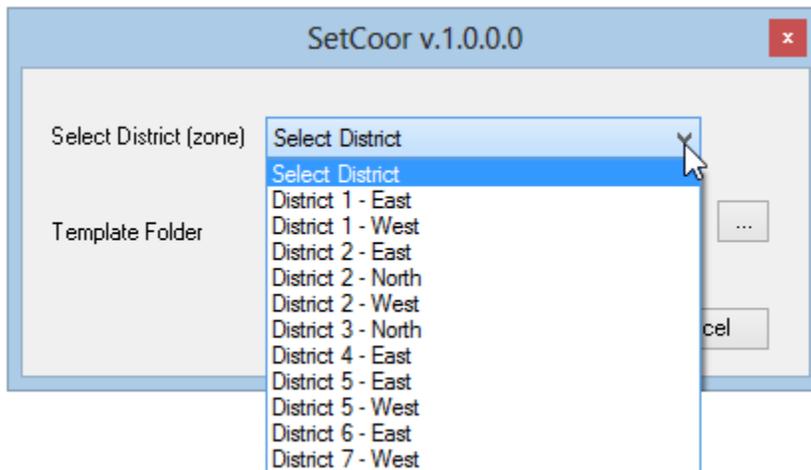
| COORDINATE SYSTEMS | | | | |
|------------------------------|----------|-------|--------------------|-------------|
| Name | FIPSZONE | EPSG | Projection | Type |
| NAD83 / Florida North (ftUS) | 903 | 2238 | Lambert Conformal | Conic |
| NAD83 / Florida West (ftUS) | 902 | 2237 | Transverse Mecator | Cylindrical |
| NAD83 / Florida East (ftUS) | 901 | 2236 | Transverse Mecator | Cylindrical |
| NAD83/UTM 16N (M) | | 26916 | Transverse Mecator | Cylindrical |
| NAD83/UTM 17N (M) | | 26917 | Transverse Mecator | Cylindrical |
| NAD83/FL GDL Albers (M) | | 3086 | Albers Equal Area | Conic |

FDOT State Kit Utility- Setting Coordinate System for Templates in a Folder

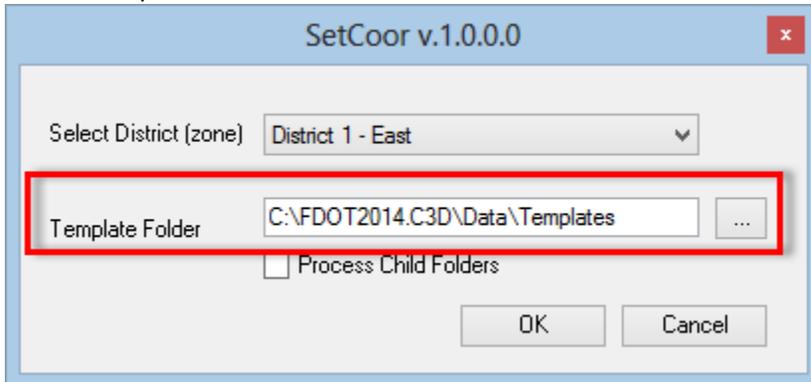
FDOT State Kit includes a utility to batch update drawing's coordinate Systems from within Civil 3D. This tool should not be run against files that already contain data; it does not perform any type of translation between systems. This tool was intended for use by Project or CADD Managers.

Netload "C:\FDOT2014.C3D\APPS\Tools\SetCoordinateSystem.dll"
 Command: **SetCoor**

Select the Coordinate System:



Set the template folder:



Hit OK.

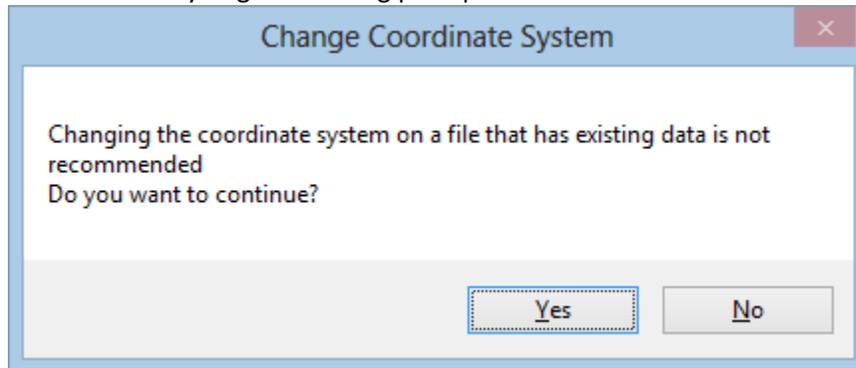
FDOT State Kit Utility- Setting Coordinate System for Active Drawing

These commands quickly assign the FDOT standard coordinate system to a new drawing.

Commands:

| | |
|-------------------|--|
| SetFLEast | Sets NAD83 Florida State Planes, East Zone, US Foot |
| SetFLWest | Sets NAD83 Florida State Planes, West Zone, US Foot |
| SetFLNorth | Sets NAD83 Florida State Planes, North Zone, US Foot |

Click YES when you get following prompt



Civil 3D Method for setting Coordinate Zones

In the Settings Tab of the Toolspace right-click on the active Drawing Name AND SELECT Edit Drawing Settings.or from the Application Menu Drawing Utilities menu select *Drawing Settings*.

