

This guide covers the procedure for setting up a link to a shapefile that is stored locally on a computer hard drive or a folder in a shared network drive. For more information on setting up a WMS data connection to data on the LMIC server online, refer to Quick Reference Guide *1201.0 Adding WMS Image to Civil 3D*.

Make sure a coordinate system is assigned to the Drawing

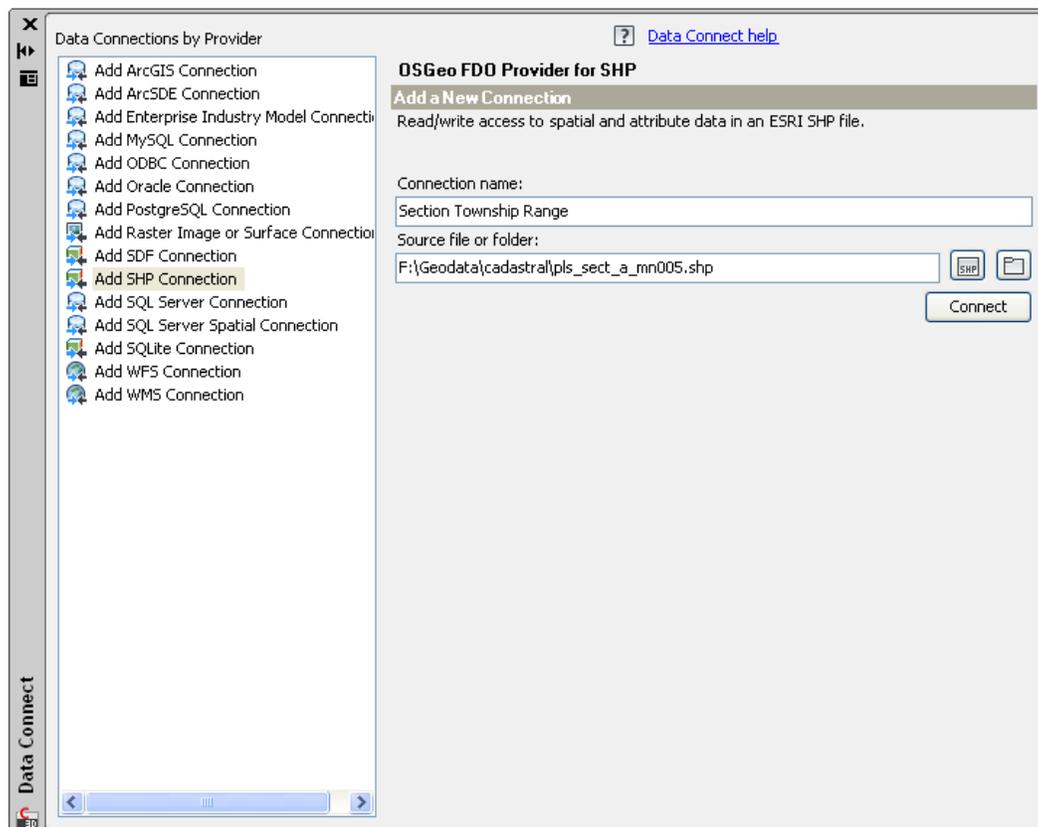
1. Go to the Settings tab on the Toolspace.
2. Right click on the drawing name and select *Edit Drawing Settings...*
3. In the *Drawing Settings* window, go to the *Units and Zone* tab.
4. Select the coordinate system for the drawing from the list of available coordinate systems in the *Zone* section.

The Data Connect window

1. On the bottom right of the screen click on  *Workspace Switching* and select *Planning and Analysis*.
2. On the *Data* panel of the *Home* ribbon, click on the *Connect* icon to open the Data Connect window.

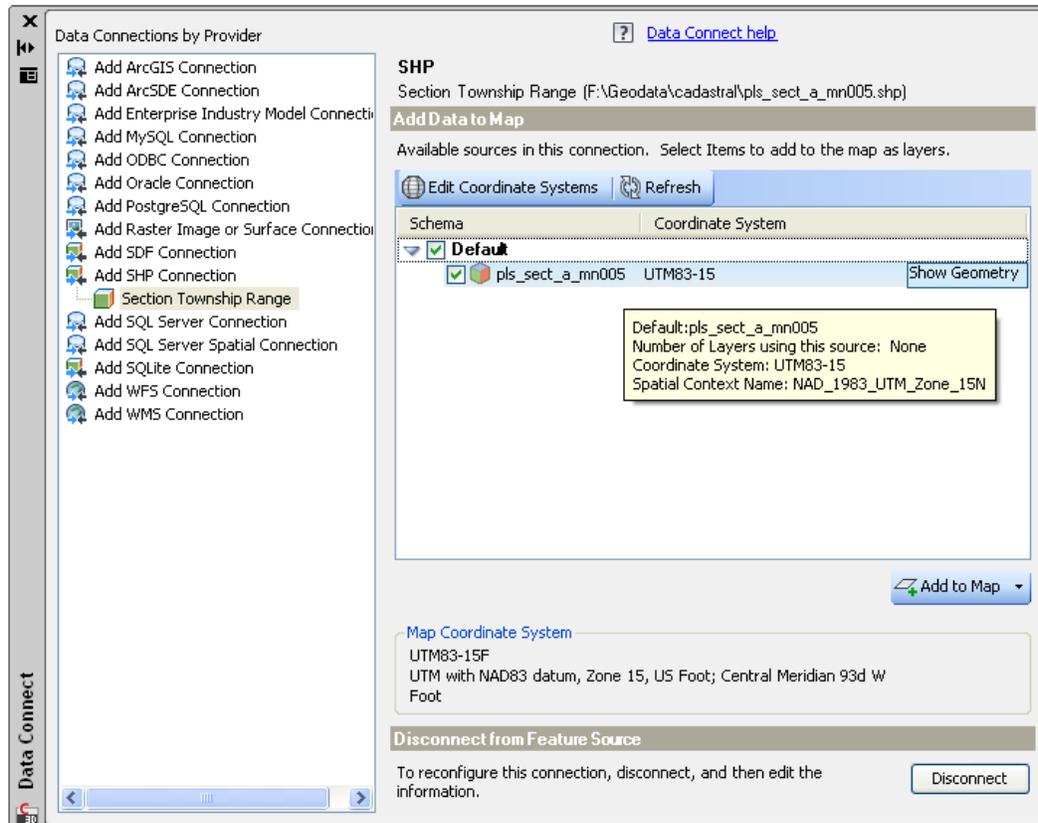
Set Up The Connection to the Shapefile

1. Select Add SHP Connection from the list of data connections in the left hand window. Commands related to setting up the data connection to the shapefile will appear in the right hand window.

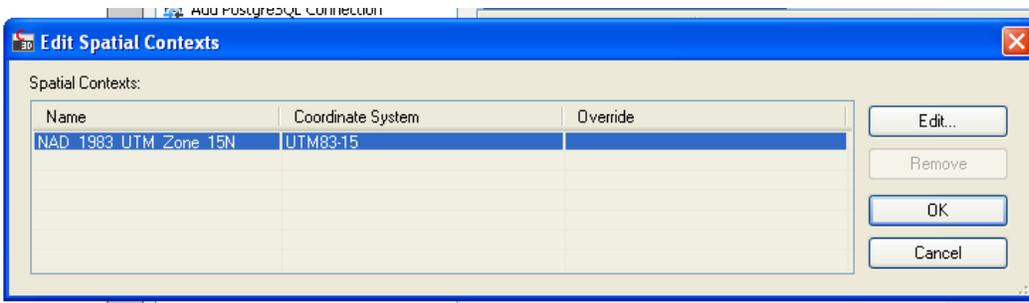


2. Provide a connection name or you can accept the default name.
3. Browse and select the shapefile by clicking on one of the icons next to Source file or folder: The icon on the left will allow you to browse and select an individual .shp file, while the icon on the right allows you to select all of the shapefiles in a folder.
4. After you select the shapefile(s), click on the *Connect* button.

- Once the shapefile connection is established, a new window will appear where you can verify or modify the coordinate systems and add the shapefile data to the drawing. The coordinate system assigned to the shapefile will be shown next to the name of the file. Hover over the shapefile for more information about the file.



- If the coordinate system of the shapefile is unassigned or incorrect, click on the *Edit Coordinate Systems* button to bring up the *Edit Spatial Contexts* window. Use the *Edit...* button to override the coordinate system assigned to the shapefile.



- Click on the Add to Map button to insert the data from the shapefile into the drawing.
- Close the Data Connect window to return to the drawing. You may need to zoom out to see the inserted shapefile.

The location that the shapefile is inserted to in the drawing and its scale will be automatically projected based on the coordinate system that you set for the drawing.

For more information on controlling the display order of data connections and clipping WMS Connection raster images, refer to Quick Reference Guide *1204.0 Task Pane*.