Start by assigning a coordinate system to the current drawing. If this drawing already contains geometry, then the coordinate system **must** match that of the geometry. Please remember that AutoCAD® geometry can be created without any spatial reference, so it is critical to ensure the geometry is created at a known coordinate system (State Plane), not a local or assumed coordinate system (0,0).

Using the "Planning and Analysis" workspace, select the *Map Setup* ribbon, and under the *Coordinate System panel*, select **Assign.**
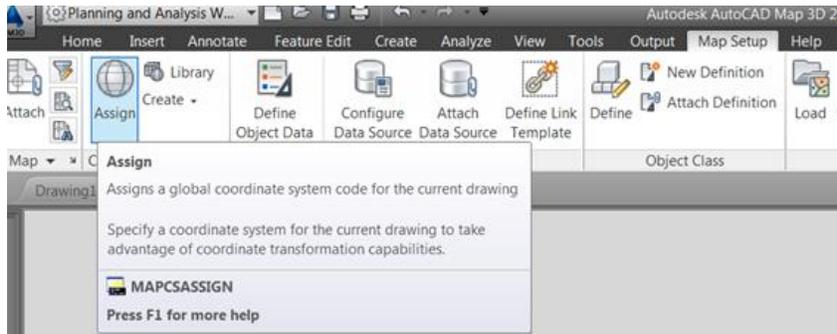
Find the appropriate coordinate system and choose the *Assign* button at the bottom.
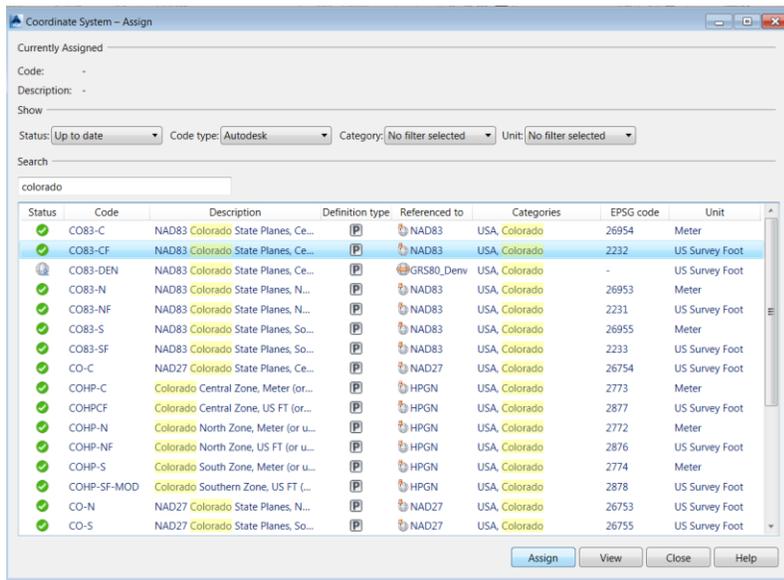
Use the Map Task Pane to connect to the Valtus WMS feed.

Note: In Civil 3D®, to display the Map Task Pane you may need to toggle the *Map Task Pane* button off and on in the *View* ribbon.

In the *Display Manager* tab of the Map Task Pane, select the *Data* button and choose *Connect to Data...*
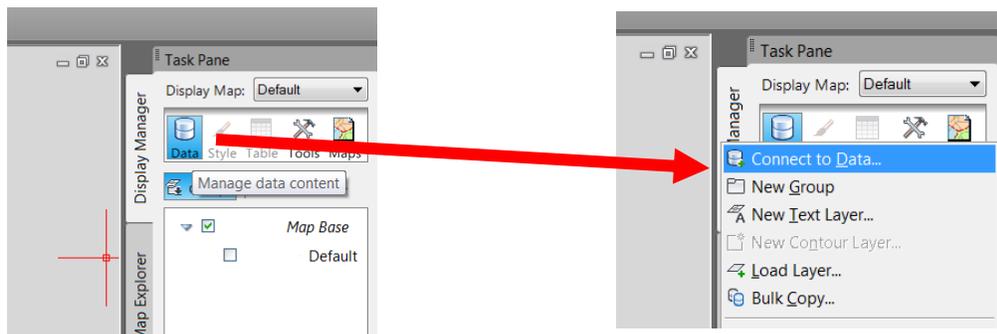
In the *Data Connect* panel, select *Add WMS Connection*. Enter the server name as http://www.valtus.com/views/wms and choose the **Connect** button. You will then enter your login credentials for **User Views** as supplied by Valtus.
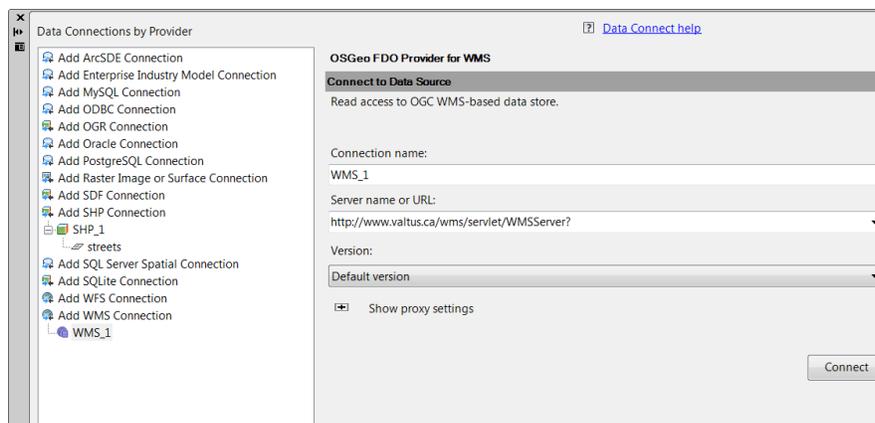
Choose the VIEW you wish to connect and choose the Add to Map button.
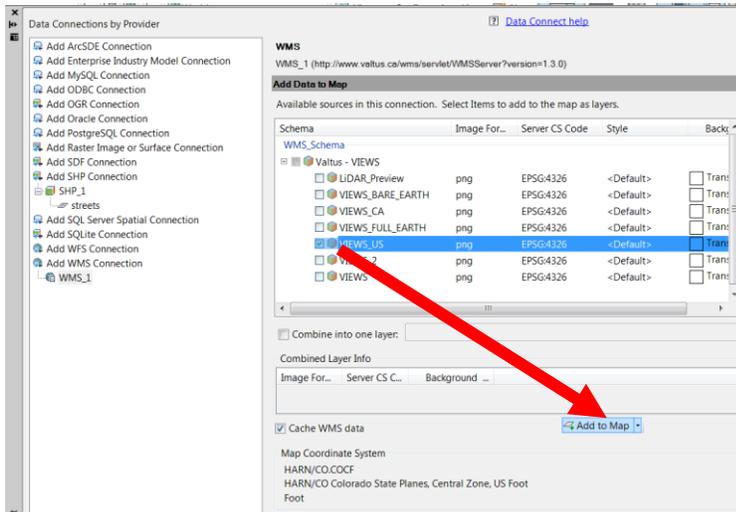
IMPORTANT NOTE:

After closing the drawing it will be necessary to input your login credentials every time the drawing is opened. The WMS layer(s) will have a warning on them upon opening the drawing (shown below). Go back to the *Data Connect* panel, select the WMS connection name on the left and click the *Connect* button. Do **NOT** change the connection or server name. After entering your cresentials **CLOSE** the Data Connect panel. **Do NOT select a layer and choose Add to Map.**
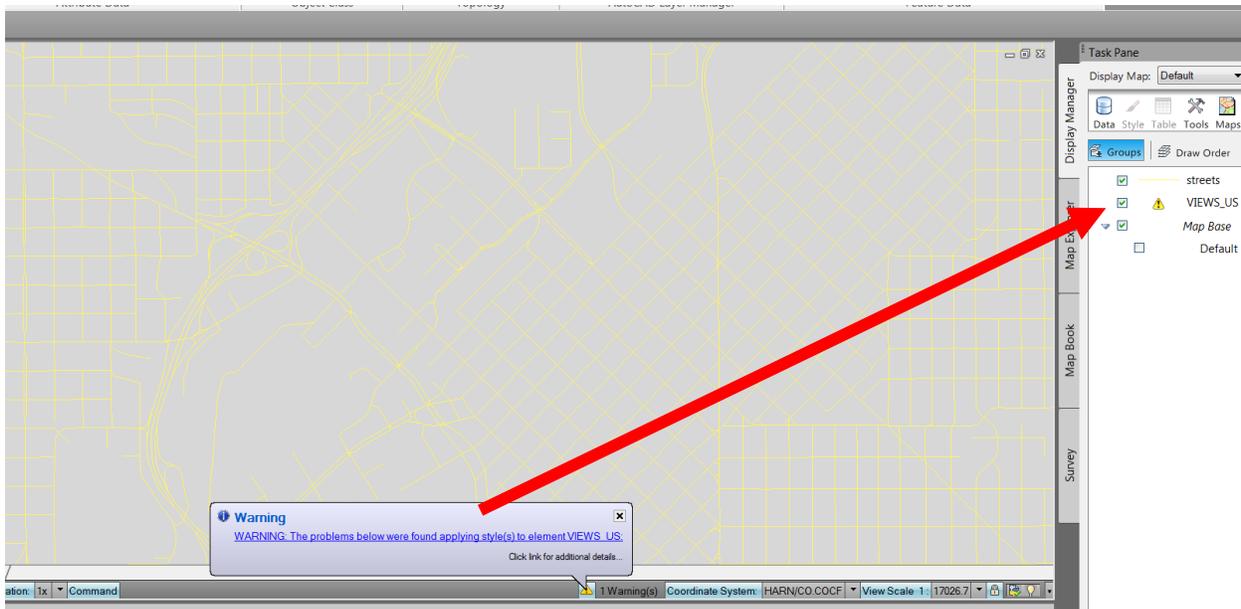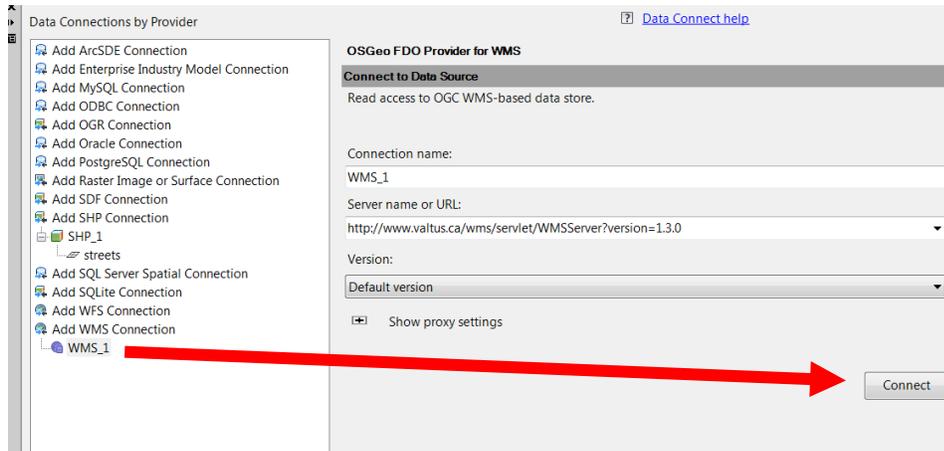
Should you require further assistance with your Autodesk® AutoCAD® Map 3D® or Civil 3D® application, please contact your Autodesk representation or authorized partner.