

Creating a New FieldPro Database

Tools Needed—

Install the latest version of FieldPro Toolbox

\\orion\Common\Builds\FieldPro\PreRelease (If you're using ArcGIS 10.4+ the install will be in the CDM)

FieldProTemplate.gdb

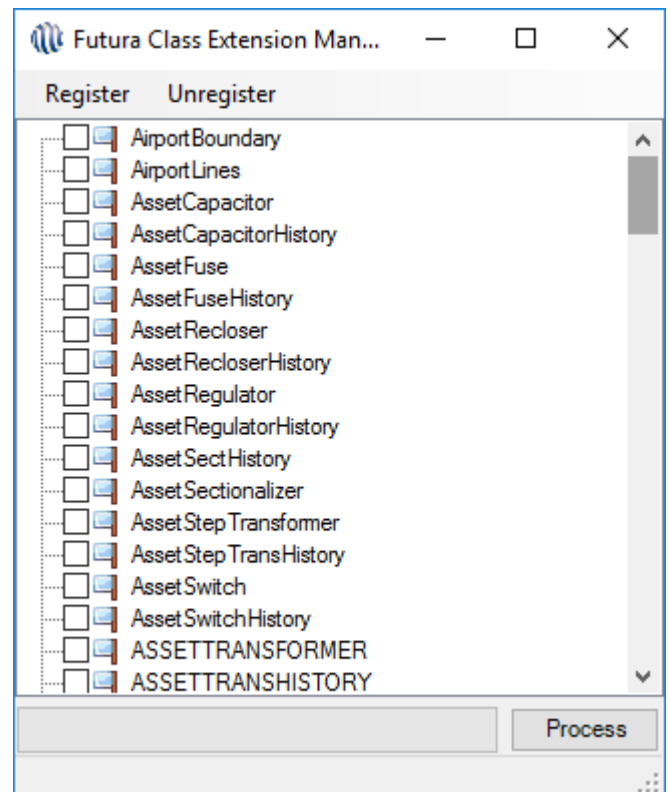
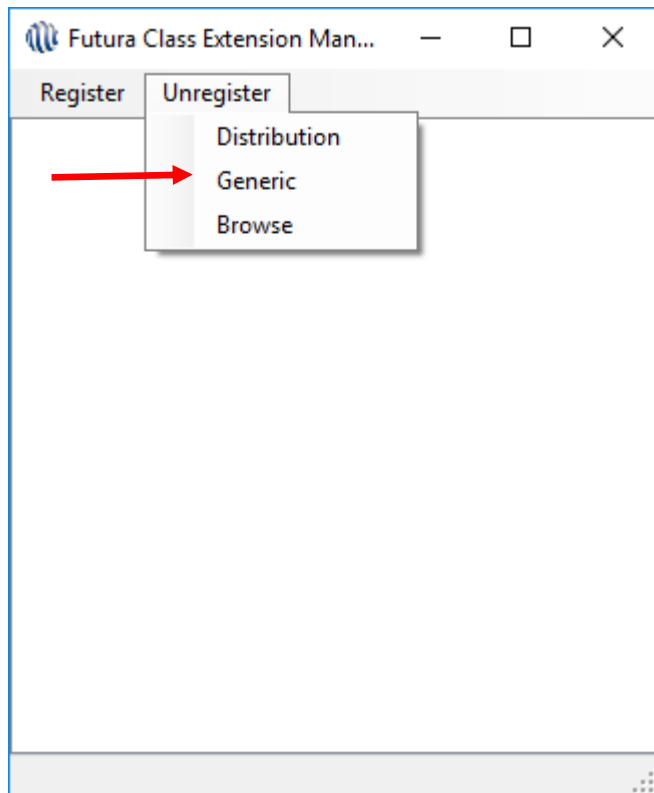
\\orion\Common\Builds\FieldPro\FieldPro_InstallDocs\FieldProTemplate.gdb

SQL Lite through FireFox AddOns (This can be accessed in the top right corner (Open Menu) of the FireFox page)—Search SQL Lite and choose Install— Choose the Open Menu/Customize—Add the SQL Lite toll

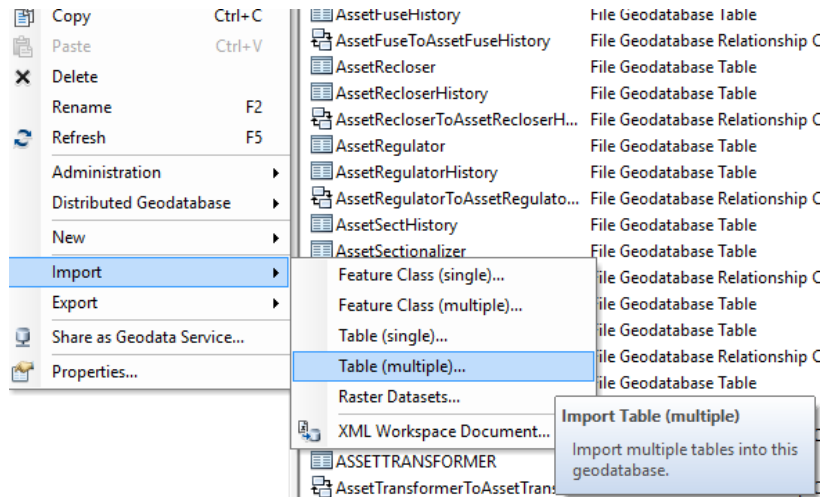


Steps to Creating a New FieldPro Database—

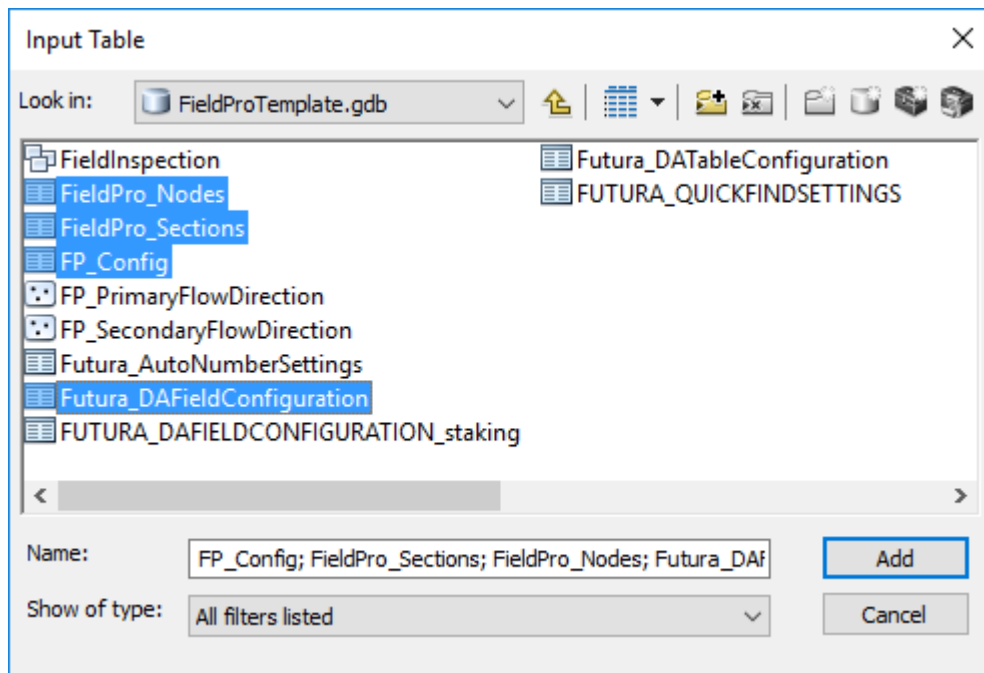
1. Copy the clients FGDB from their shared drive on the GIS Server (SharedDrive/FuturaData/FGDB)
2. Place this FGDB in your local C:\FuturaData (Add an _FP to the end of the FGDB name)
3. Open Arc Catalog
4. Select the Database and use the Class Extension Manager Tool to remove all the Feature Class Extensions



3. Right Click on the Database and choose Import / Tables(Multiple)



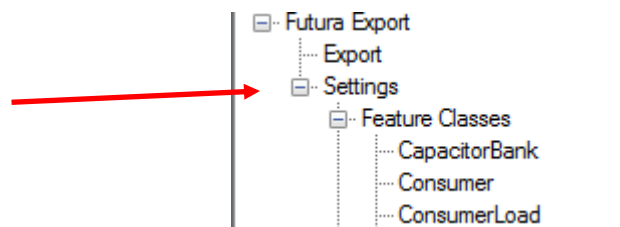
4. Add Tables FieldPro_Nodes, FieldPro_Sections, FP_Config & Futura_DAFIELDConfiguration from the FieldProTemplate.gdb



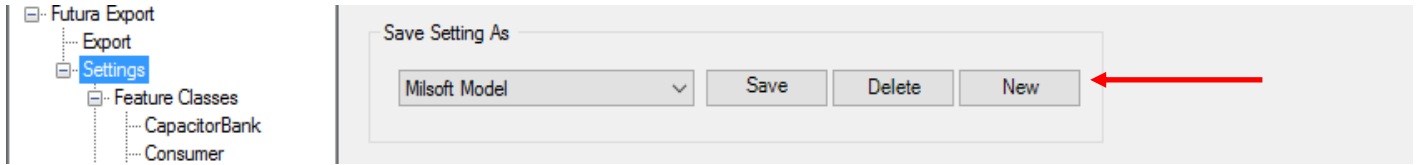
4. Once the tables have been added Highlight the database and choose Export Settings



5. Select Settings under the Futura Export List

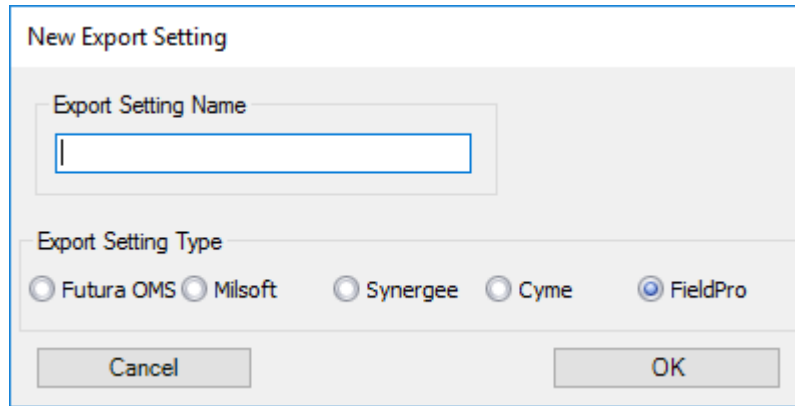


6. After you choose Settings, choose New



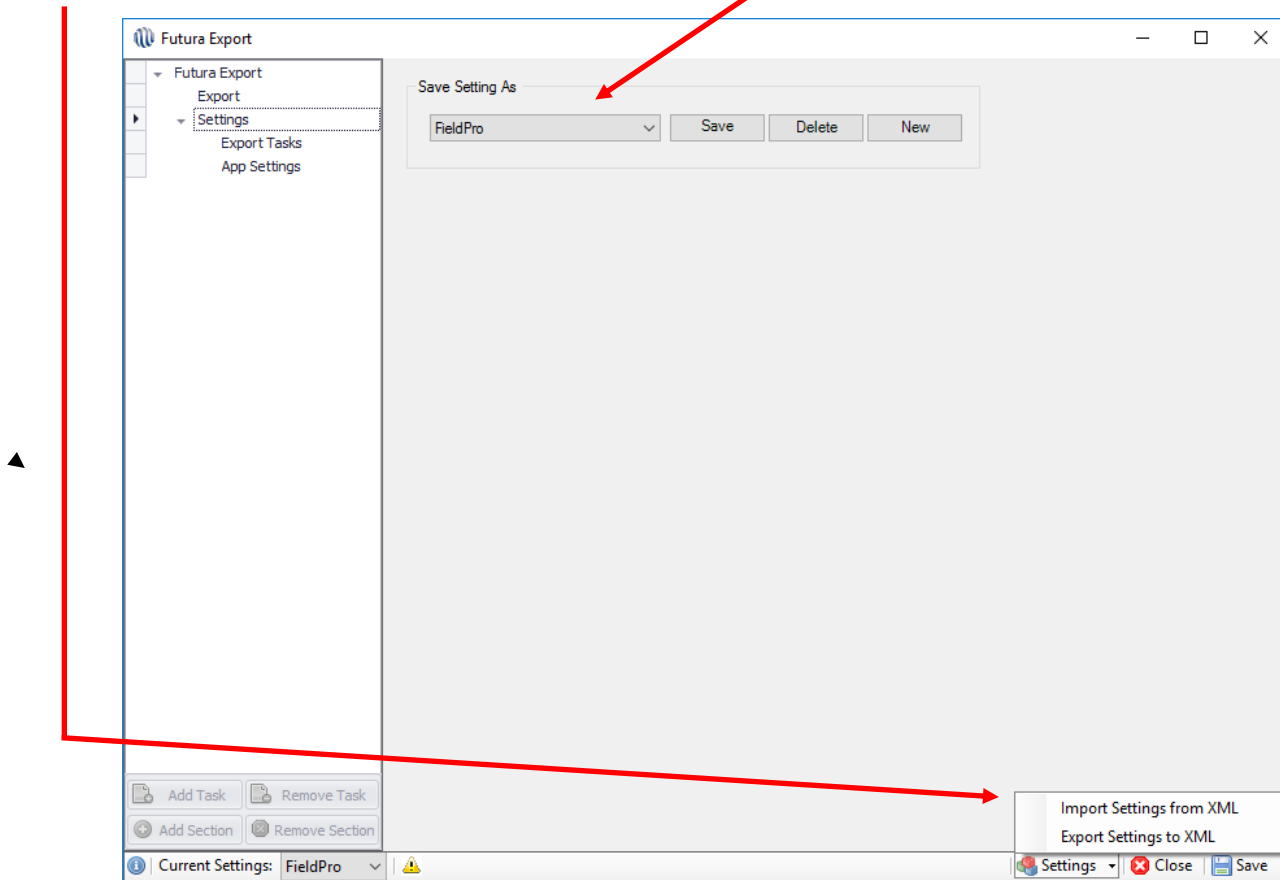
7. Name the Settings FieldPro

Choose OK



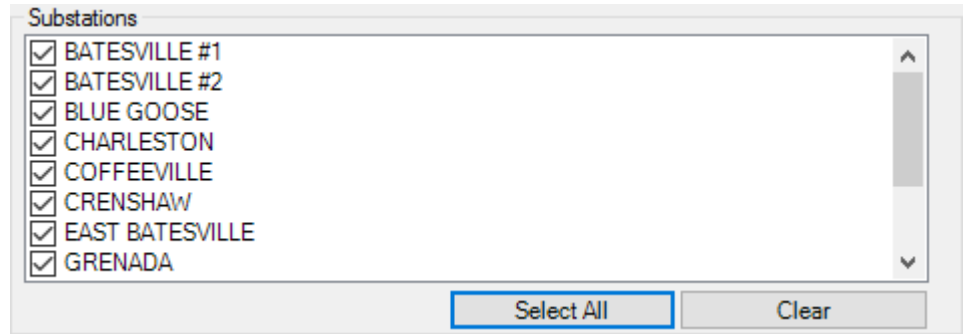
8. Choose Settings again under the Futura Export List (Make sure the FieldPro option is showing in the domain)

9. Choose Settings at the bottom, Choose Import Settings from XML



(Navigate to \\orion\Common\Builds\FieldPro\FieldPro_InstallDocs and choose FieldPro_ExportSettings

10. Choose Select All for Substations



11. Choose Save and Close

12. Highlight the database and choose Publish Relationships Table



13. Close ArcCatalog and open a Blank MXD

14. Choose Add Data—Import the Electric Network Feature Data Set

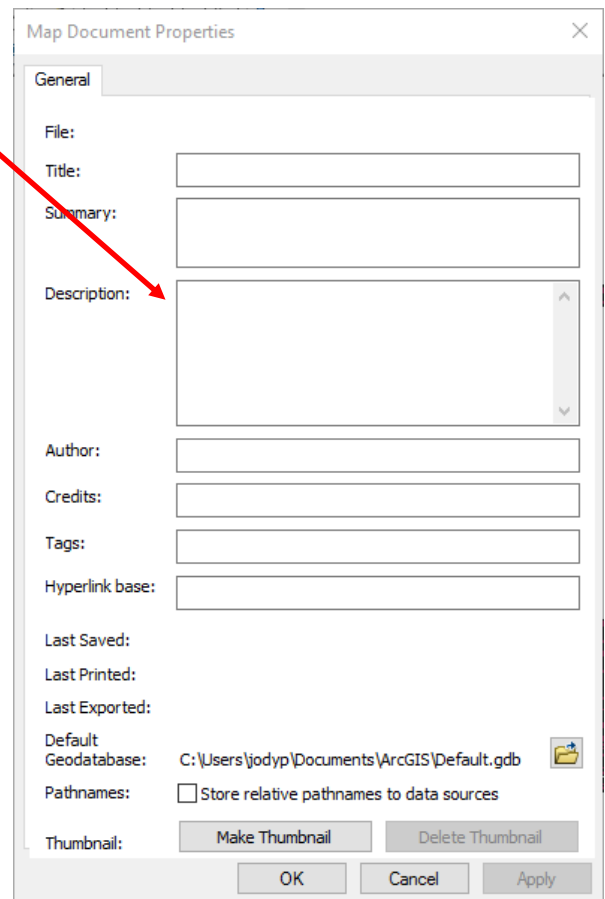
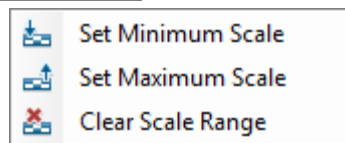
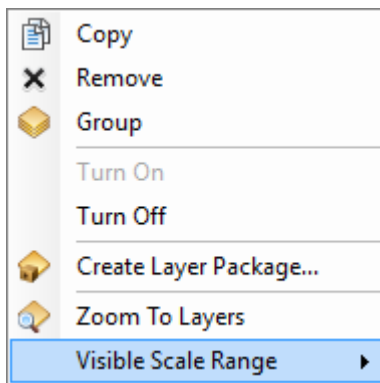
(Also add Structures, Lights and ConstructionUnits

15. Choose File/Map Document Properties and enter a description

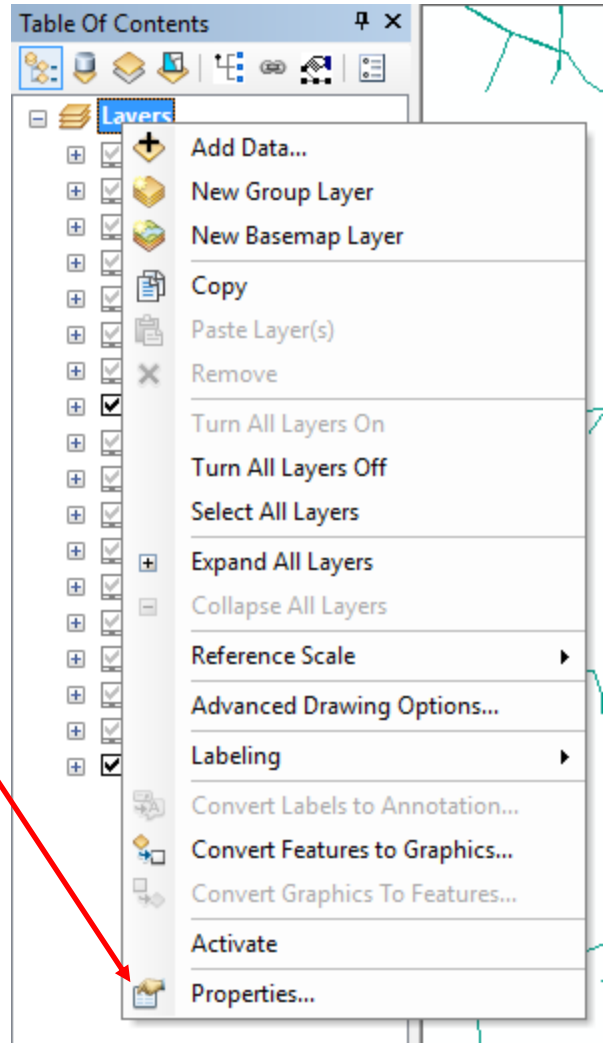
16. Zoom your extents to 1:20000

17. Select all the Feature Classes except PrimaryConductor and DistributionSource

Right Click on the highlighted Feature Classes and choose Visible Scale Range / Set Minimum Scale

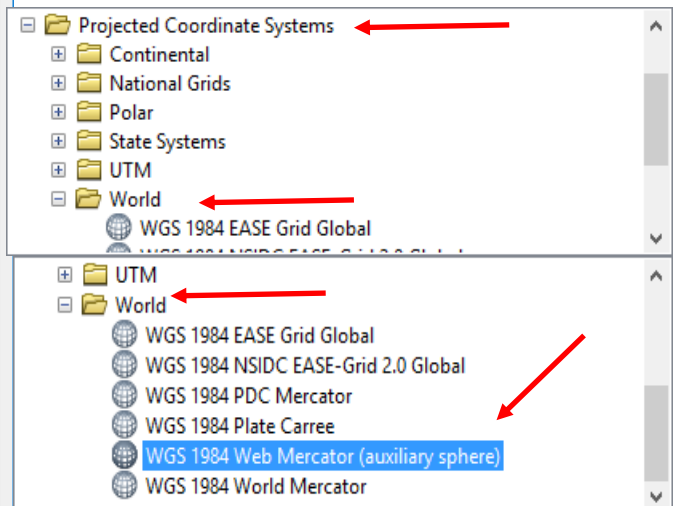
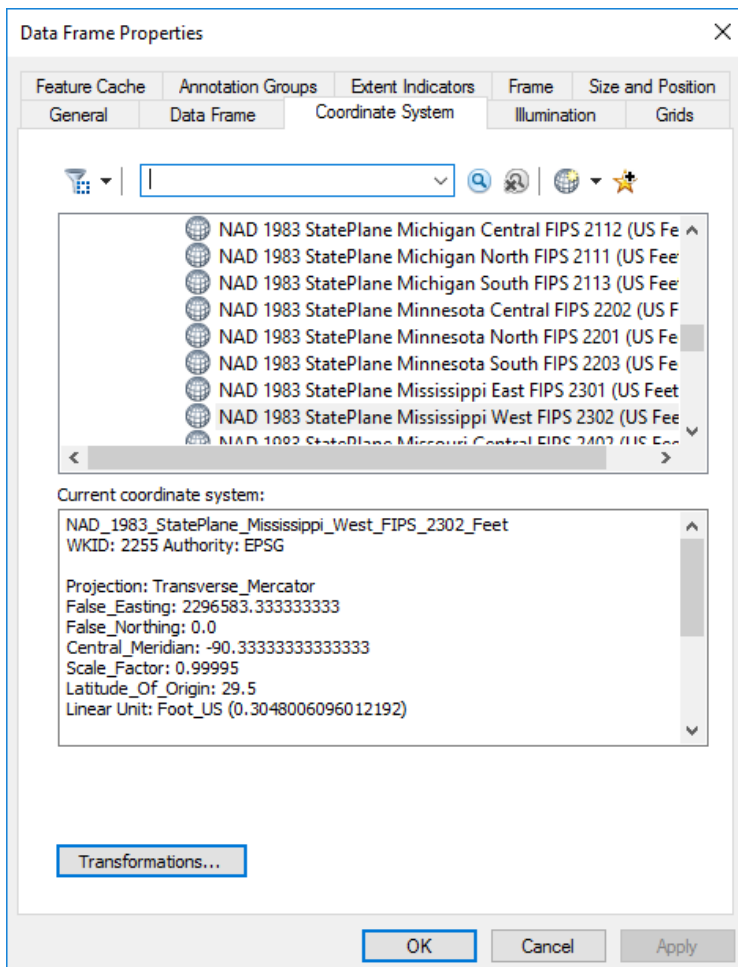


18. Select Layers/ Properties



19. Choose Coordinate System

20. Choose Projected Coordinate Systems
World

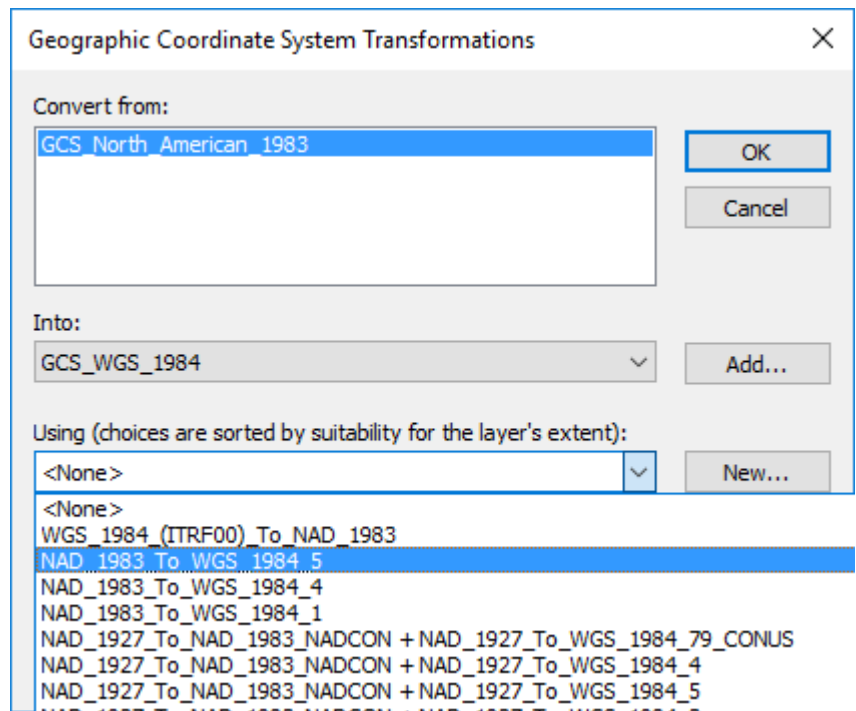


21. Choose Transformations

22. Choose NAD 1983 To WGS 1984_5

Choose OK on the Transformations Window

Choose OK on the Data Frame Properties

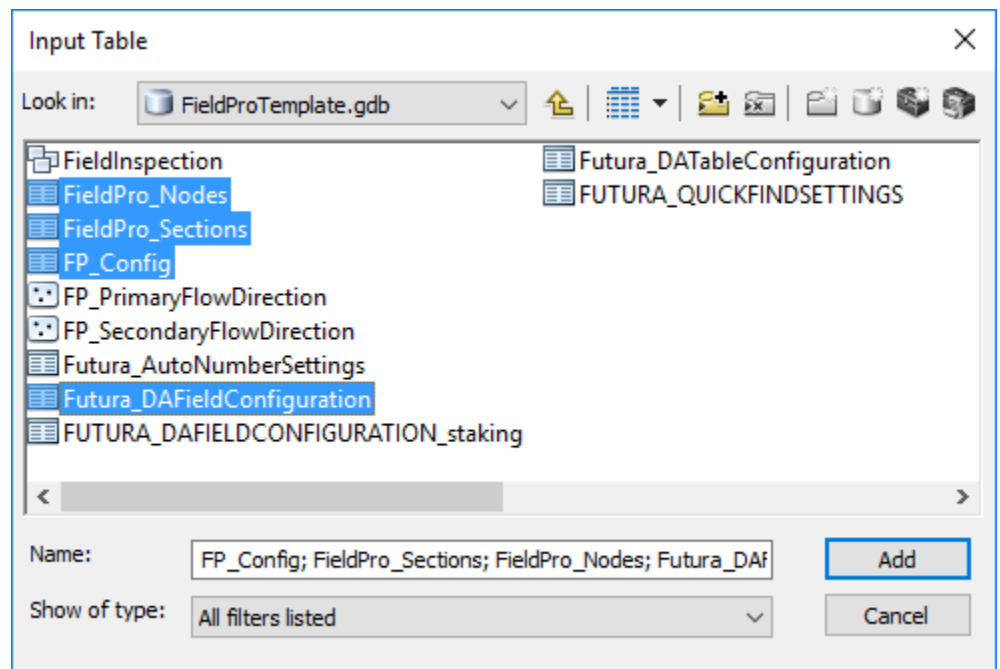


23. Add Tables to Maps—Add Data / {FieldPro Database}

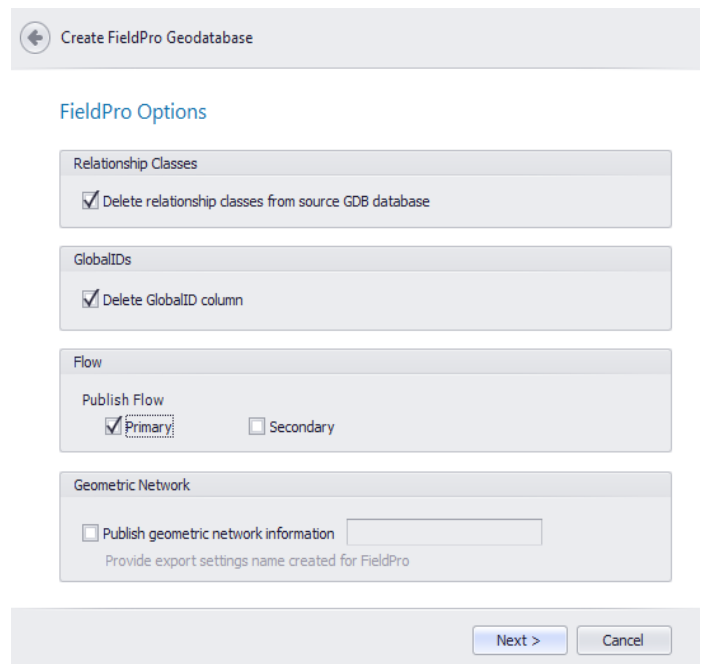
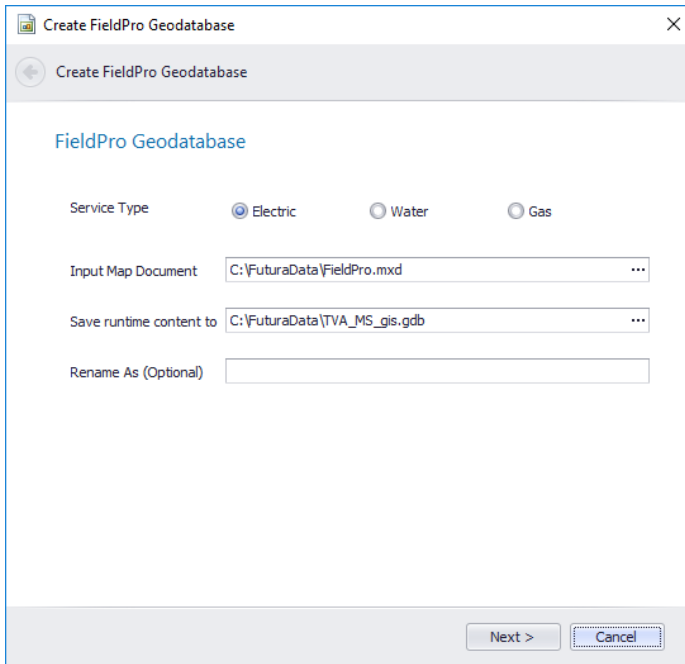
24. Add Asset Tables that are being used by the client

25. Add all FieldPro tables that were added in Catalog.

(Also add FuturaQuickFinds, FuturaTableRelationships and FuturaFieldConfiguration)

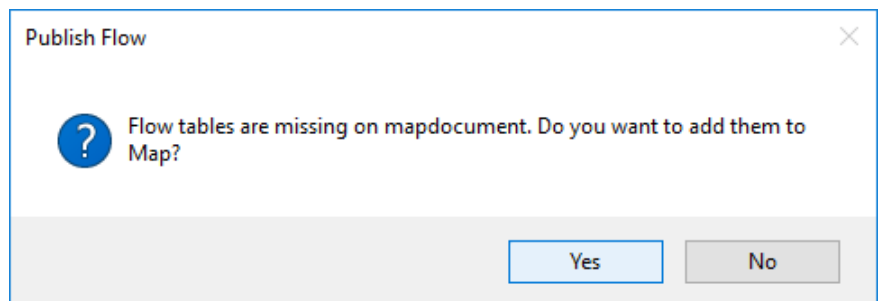


26. Add the FieldPro Toolbar and Save the mxd
27. Choose Create FieldPro Geodatabase
28. Input all the database information and choose Next



29. Choose Publish Flow (Primary) and choose Next
30. Choose Publish Geometric Network Information (Input the settings name FieldPro Choose Next

31. Configure Symbology if needed
32. Choose Next (You will get this message
Choose Yes
33. Choose Run
(Move the PrimaryFlow Feature Class above
mary Conductor



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34. Close the map as you have now completed the process of creating a New FieldPro Database.