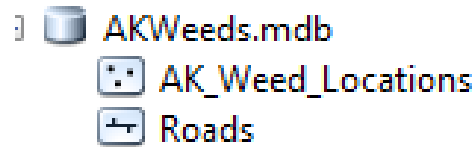


Quiz#3 Line Analysis

Download and unzip the geodatabase container **AKWeeds.mdb** from the quiz folder:
http://dverbyla.net/nrm435/quiz_data_2018/

The geodatabase contains the following feature classes:



We are interested in all weed locations within 1km of any road longer than 20km.

For the roads with length > 20 KM, create a table of mean distance in meters to closest road for each different weed species **for each different road name**. Both layers X,Y coordinates are in meters.

Quiz3Table			
ROAD_NAME	Common_Name	FREQUENCY	MEAN_Distance_to_Road

Grading:

- ✓ All geoprocessing output stored in **AKWeeds.mdb** container(3pts)
- ✓ Long roads greater than 20km in length (3 pts)
- ✓ Correct Weed locations within 1km of Long roads (4pts)
- ✓ Correct road name for each weed location (4 pts)
- ✓ Correct table with all required information (4 pts)
- ✓ Table is output into **AKWeeds.mdb** container(2pts)

Save your work. Then create a map package: File→Share As→ Map Package...Save package to file (**do NOT check on** Enterprise Geodatabase..that would be to store on a network)

Include Enterprise Geodatabase data instead of referencing the data

Email me (dverbyla@alaska.edu) your map package **mpk** file. (not your arcmap document .mxd file) as an attachment (extensions are hidden by default)