Answer:

Answer: Coordinate system problem

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- **Missing**
- **Incorrect**
- **Geographic/datum transformation not set**

Scenario

- **Routing application for Indiana, Michigan, and Ohio.**

- **Indiana and Michigan data are in the same coordinate system.**

- **New Ohio data does not line up.**

Goals

- **Do any layers have an unknown coordinate system?**

- **Where is the 'unknown' data relative to the 'known' data?**

- **Use ArcMap to identify the unknown coordinate system**

- **If found, use ArcCatalog to define the metadata**

Demonstration!

Does it work?   NO

- **Research for more information.**

- **Metadata?**

- **Data provider or source?**

- **Similar data types (1:24k quad)?**

- **Common coordinate systems used in the area?**

- **Spatial Adjustment or Georeferencing toolbars**

Resources

- **Esri Knowledge Base (support.esri.com)**

- **Article ID #: 23025**

  - FAQ: Projection Basics: What the GIS professional needs to know

- **Article ID #: 24893**

  - HowTo: Identify an unknown coordinate system using ArcMap

- **EPSG Geodetic Parameter Dataset**

  - http://www.epsg-regisry.org or http://www.epsg.org

Questions?