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](http://www.epsg-regisry.org) or [http://www.epsg.org](http://www.epsg.org)
Questions?