



**TIPS**  
 Technical Innovation  
 and Professional  
 Services

# **SCHEMATICS**



<http://www.tips.osmre.gov/Software/gis/GIS.shtml>

ArcGIS Schematics provides a way in which virtually any linear network can be visualized, managed and converted to a schematic representation. These linear networks might represent utility infrastructure, traffic lights, computers or a host of other physical, social or economic networks.

### SELECTED FEATURES:

- Generate schematics from complicated networks
- Perform forecasting and modeling functions
- Perform network QA/QC

### SOFTWARE:

ArcGIS Schematics

### SMCRA BENEFITS/USES:

TBD

### TIPS TRAINING CLASSES:

- Introduction to ArcGIS for Mining and Reclamation
- ArcGIS Spatial Analyst for Mining and Reclamation

### NEED HELP ????

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The image displays two screenshots of the ArcGIS Schematics software interface. The left screenshot shows the 'Airline.mod - ArcMap - ArcInfo' window with a 'Layers' panel on the left listing data frames and layers such as 'ORD-P1', 'ORD-A1', 'Airline2', 'Airline1', 'AirCon', and 'AirCon2'. The main map area shows a network diagram with nodes and lines, and a 'FLIGHT SCHEDULE' panel displaying flight paths between airports like ORD, DFW, ATL, and JFK. The right screenshot shows the 'Minerville\_Elec.mxd - ArcMap - ArcInfo' window with a 'Geography' panel and a 'Grid Diagram' showing a network of lines. Below the grid diagram are two other diagram types: 'Smart Tree Diagram' and 'Compact Tree Diagram', which show hierarchical network structures.