

# Building a GIS from the Beginning: Part 2: Building an Electrical Map

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# Building an Electrical Map

## Agenda and Outline

- Bringing in Features
  - Plus sign on the standard toolbar
    - Can also add Landbase from ESRI
  - Right click on layers
  - Drag and drop from ArcCatalog
- Sorting Layers
  - Just highlight and drag up or down
- Selectable Layers
  - Fourth tab in the Table of Contents
  - Turn off features with large polygons and features you don't want editable



# Building an Electrical Map

## Agenda and Outline

- Symbology
  - Keep things simple
  - Basing my map on phase
  - Single symbol
  - Unique values under categories
  - <all other values>
    - Make sure you have a unique symbol to show a mistake
- Labels
  - Maplex vs. standard label engine
  - Method
    - Label all the features the same way
    - Define classes of features and label each class differently



# Building an Electrical Map

## Agenda and Outline

- Fields
  - Make adjustments to your fields to help speed up editing and viewing
    - Remove the clutter
- Scale range
  - Decrease refresh times
  - Makes this more clear
    - My switch map example



# Building an Electrical Map

## Agenda and Outline

- Join and Relates
  - Relate
    - Can attach a separate table
    - Can only see with identify tool
    - Cannot makes changes to the separate table
  - Join
    - Merges both the feature and the separate table together
      - Can label and symbolize off data from the separate table



# Building an Electrical Map

## Agenda and Outline

- Display Tab
  - Display expression
  - Map tips
  - Hyperlinks
  - Transparent
- Bookmarks
  - Overview
  - Subdivision
- Layout View
  - Page size
  - Margins



# Questions?

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