

# What's New with ArcExplorer

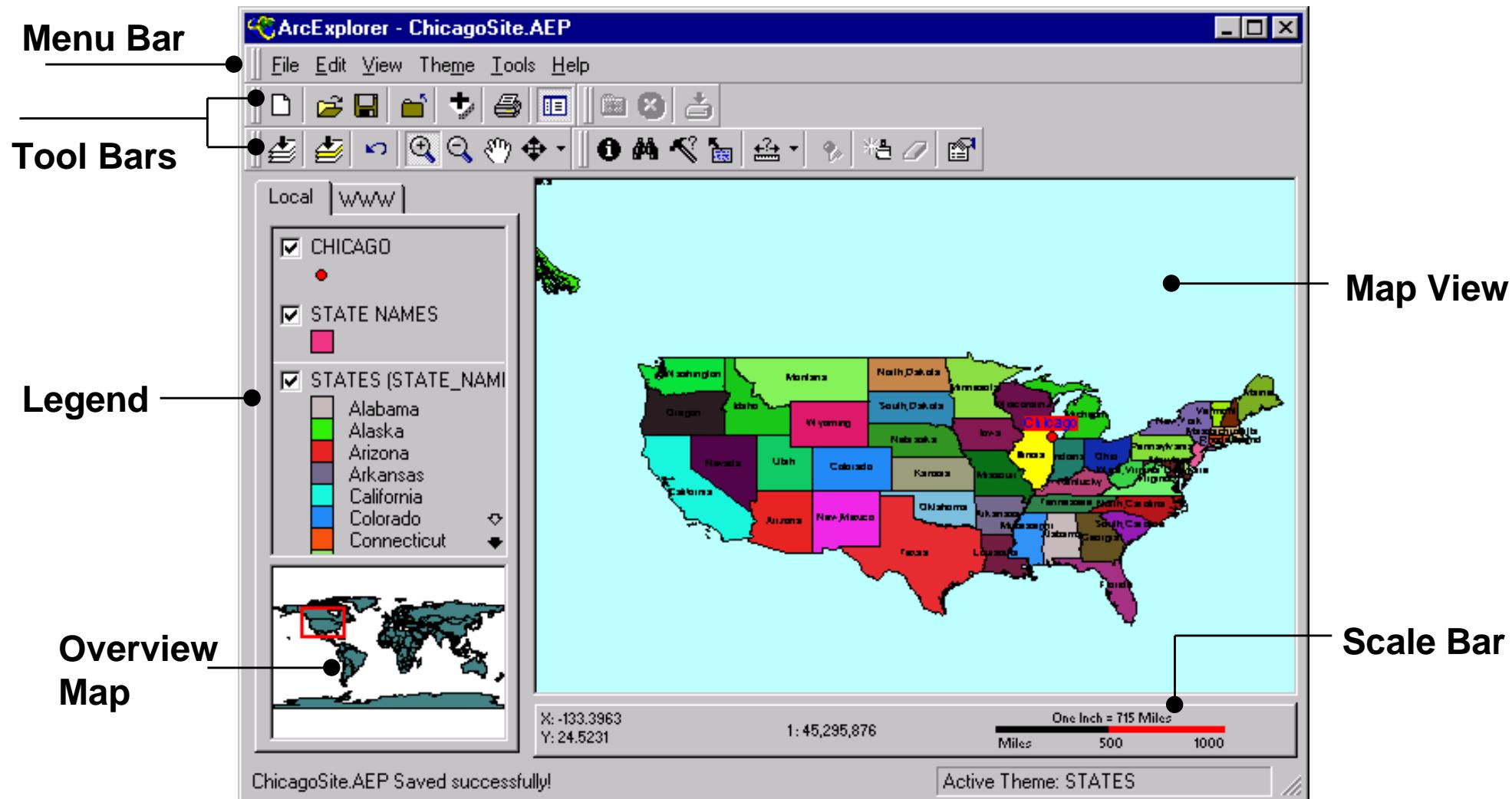
# The ArcExplorer story

- **What is ArcExplorer?**
- **ArcExplorer evolution**
- **What's new ...**
- **Why is ArcExplorer free?**
- **How does ArcExplorer fit into the Internet picture?**
- **Where can I get ArcExplorer?**

# What is ArcExplorer?

- **A geographic data viewer for the display and query of standard data sources**
- **Two products in one**
  - **Explore data**
  - **Retrieve data**

## The ArcExplorer window



# ArcExplorer evolution

- **First released Sept 1997**
  - **Overview of functionality**
    - **View shapefiles, coverages, SDE layers, and images**
    - **Pan and zoom map**
    - **Find, identify and query data**
    - **Create maps**
    - **View and download data from ESRI ArcExplorer Web site**

# ArcExplorer 1.1

- Released July 1998
- Version 1.1 encompasses
  - Bug fix
  - Enhancements
  - New functionality...

## What's new...

- **Address matching**
- **Enhanced labeling**
- **Measure tool**
- **Compatibility to view and download data from MO IMS 2.0 Web sites**
- **Manage ArcExplorer Web sites as bookmarks/favorites**

# Why is ArcExplorer free?

- **Support the ESRI vision**
  - A GIS on every desktop
  - Societal GIS

## How does ArcExplorer fit into the Internet picture?

- **Makes geographic data available on the Web**
  - **View**
  - **Download**
  - **Distribute**

# Where can I get ArcExplorer?

- **Download from <http://www.esri.com/arcelorer>**
- **Approximately 7 MB**



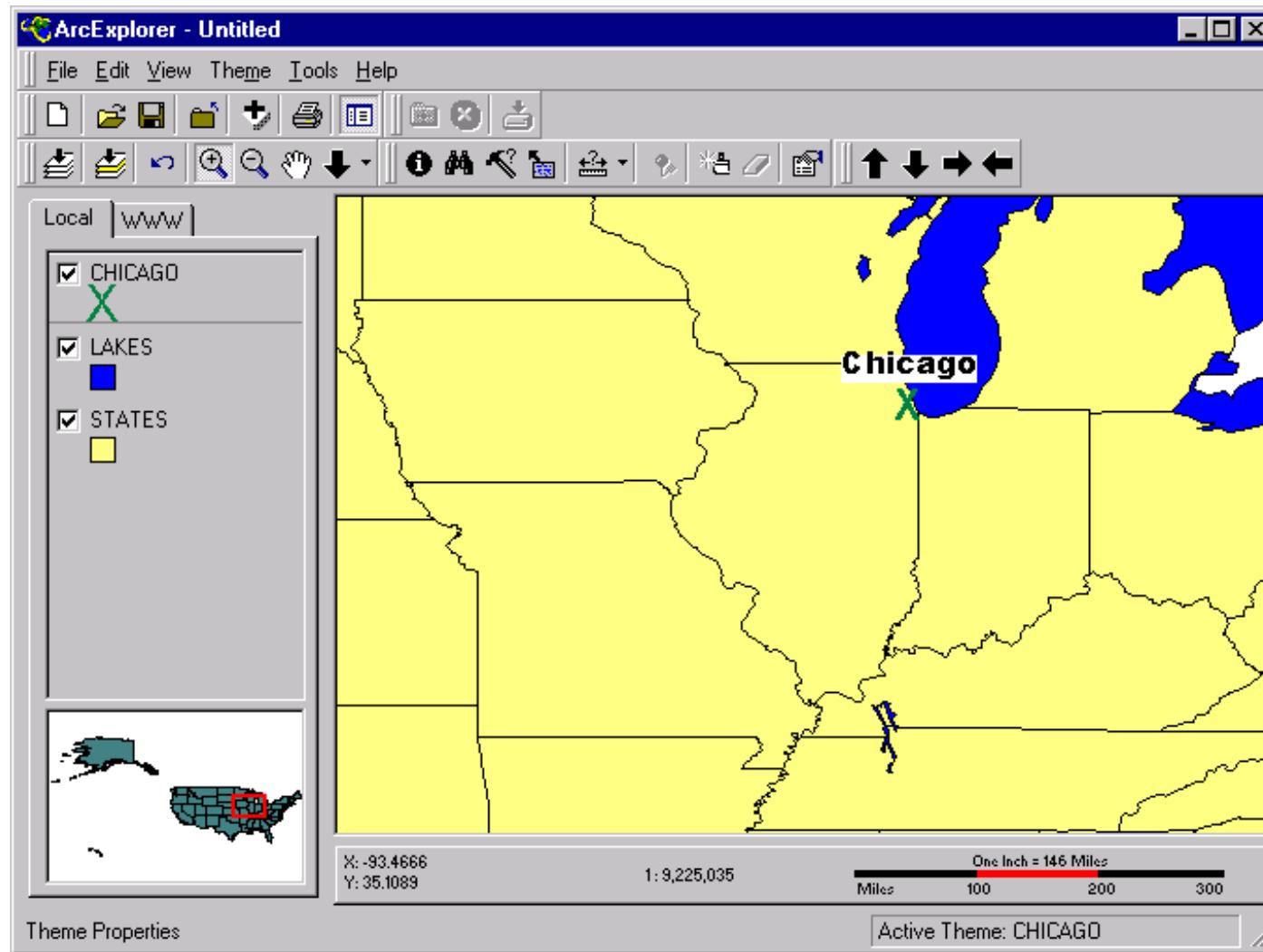
# How to get help

- **ArcExplorer online help system**
- **ArcExplorer documentation**  
[Using ArcExplorer \(ArcExplorer.PDF\)](#)
- **ArcExplorer homepage**  
[www.esri.com/arceexplorer](http://www.esri.com/arceexplorer)
  - **ArcExplorer Discussion Forum**
    - monitored by ESRI
  - **Updated Troubleshooting and Frequently Asked Questions guides**

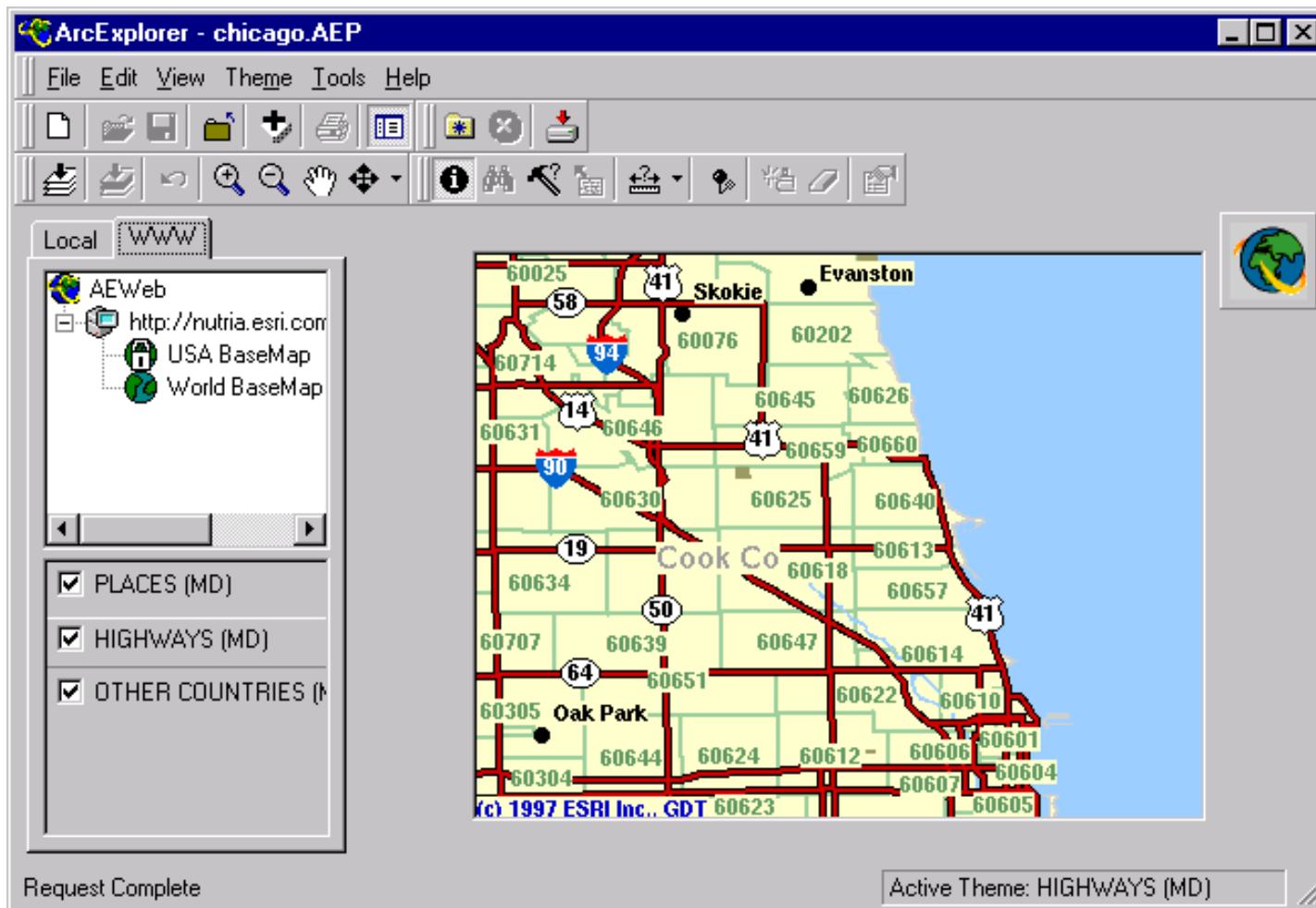
## On to the demo...

- **Retrieve some data from the Web**
- **Explore data**
- **Query data**
- **Make a map**
- **Locate street addresses**
- **Serve data to the Web**

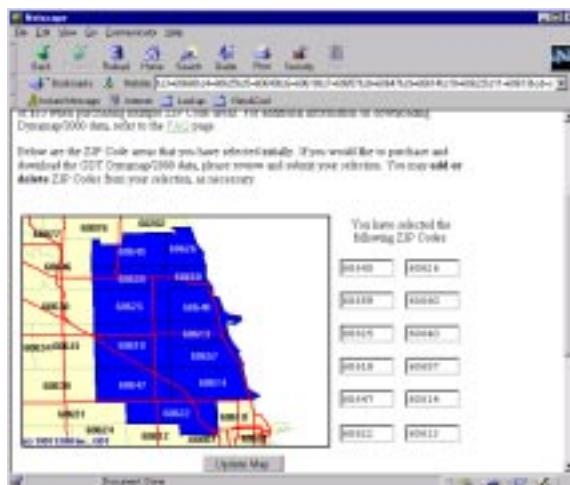
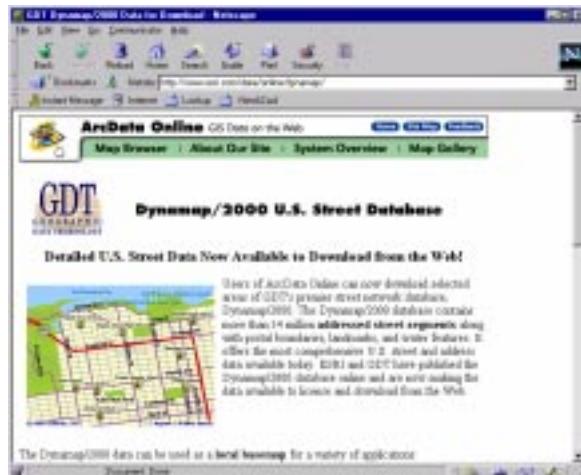
# Planning a trip to Chicago



# ESRI ArcExplorer Web Site



# ArcData Online

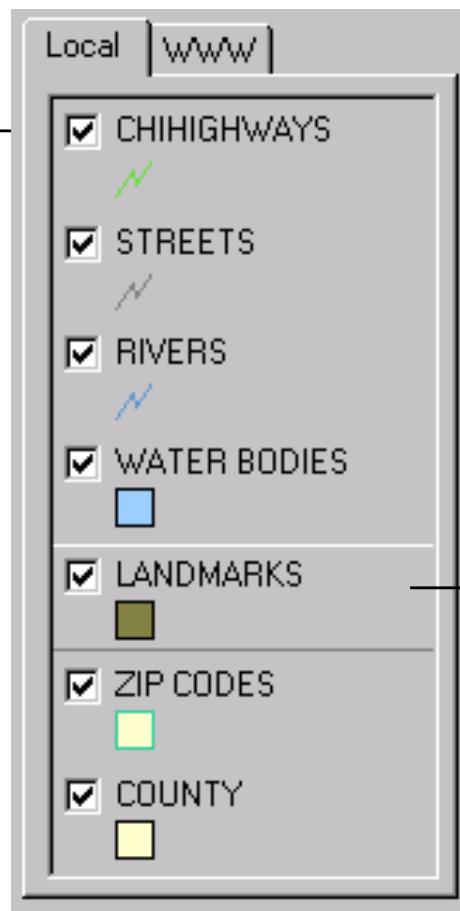


# Adding data

- **ArcExplorer data file formats**
  - **Shapefiles**
  - **ARC/INFO and PC ARC/INFO coverages**
  - **Images: BMP, TIFF, ERDAS, BIL, BIP, BSQ, IMPRELL RLC, Sun Rasterfiles**
  - **ZIP file**
  - **SDE layers**

# Legend: Draw the data

Turn themes  
on/off



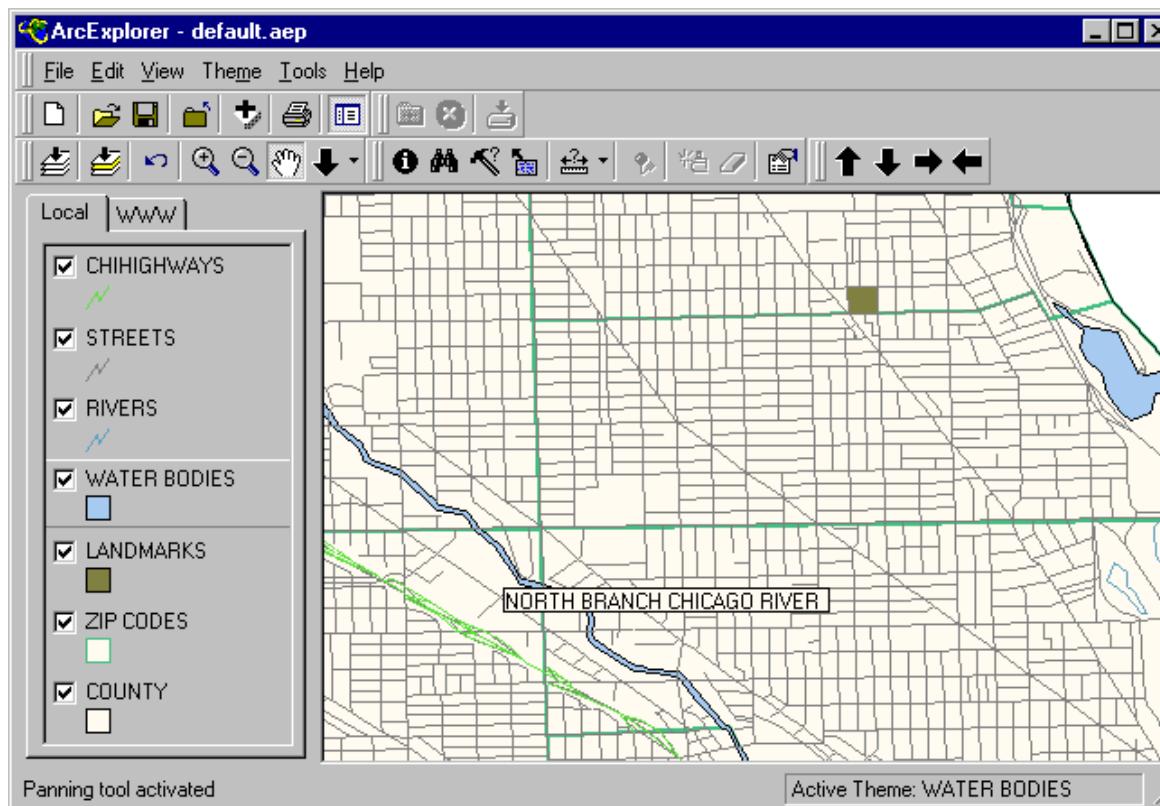
• Make a theme  
active

# Pan and Zoom the Map

- **Zoom**
  - **Zoom In or Zoom Out**
  - **Full extent**
  - **Extent of active theme**
- **Pan**
  - **Pan directionals**
- **Use overview map to show location**

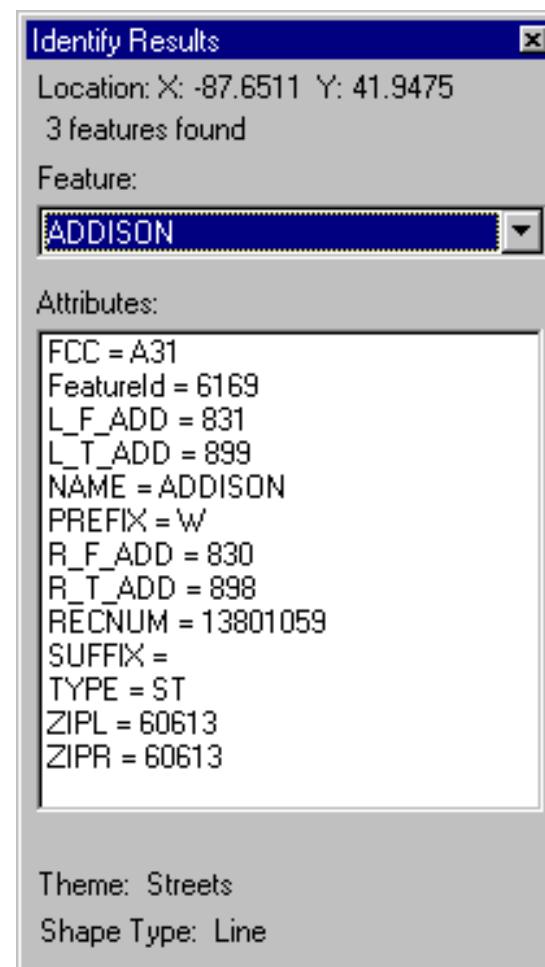
# Map Tips

- Small popup box displaying a selected attribute



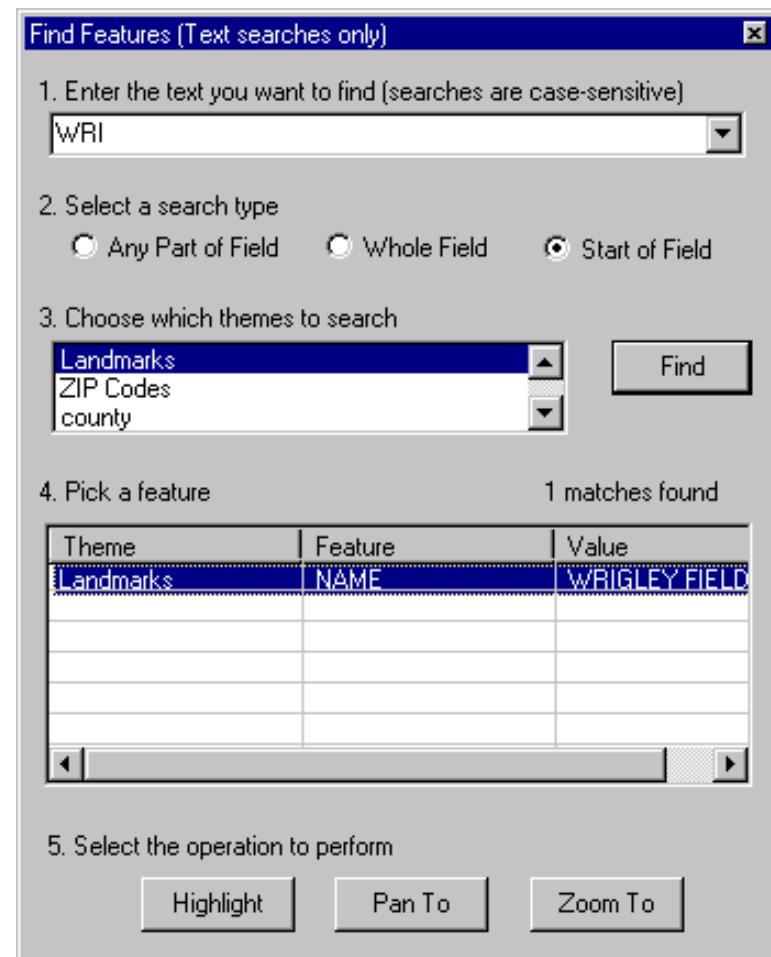
# Identify Tool

- Display a list of a feature's attributes



# Find Tool

- Fast and simple searches

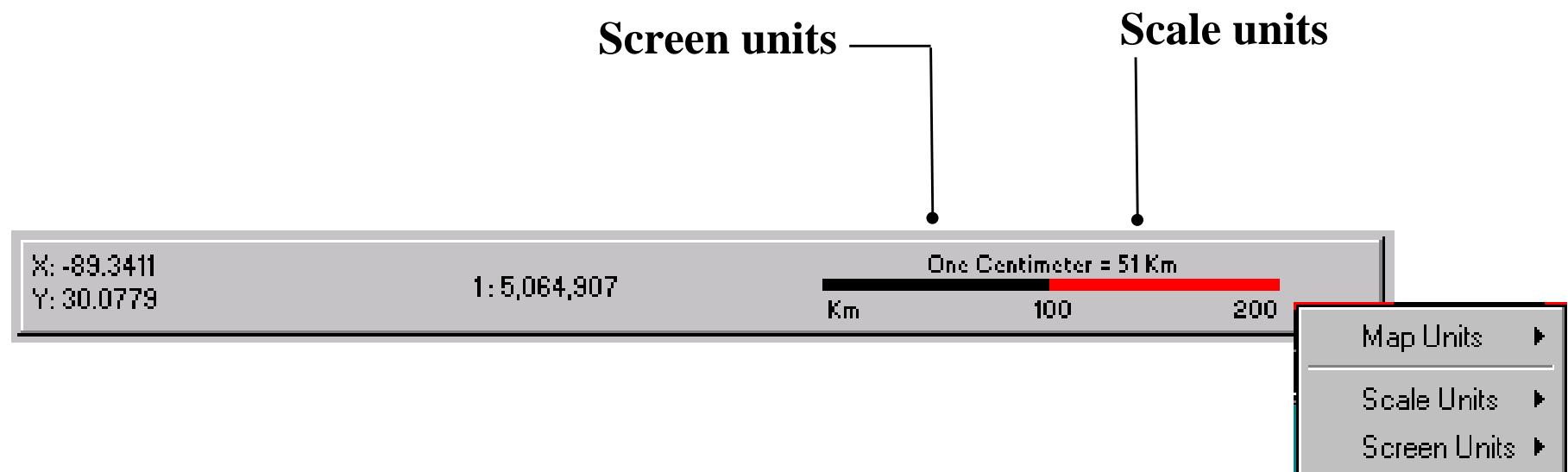


# Query Builder

- **Sample query expressions**
  - **Wildcard searches**
- **Using the results**
  - **List attributes**
  - **Pan, zoom, or highlight result(s)**
  - **Save to a file**
  - **Generate statistics**

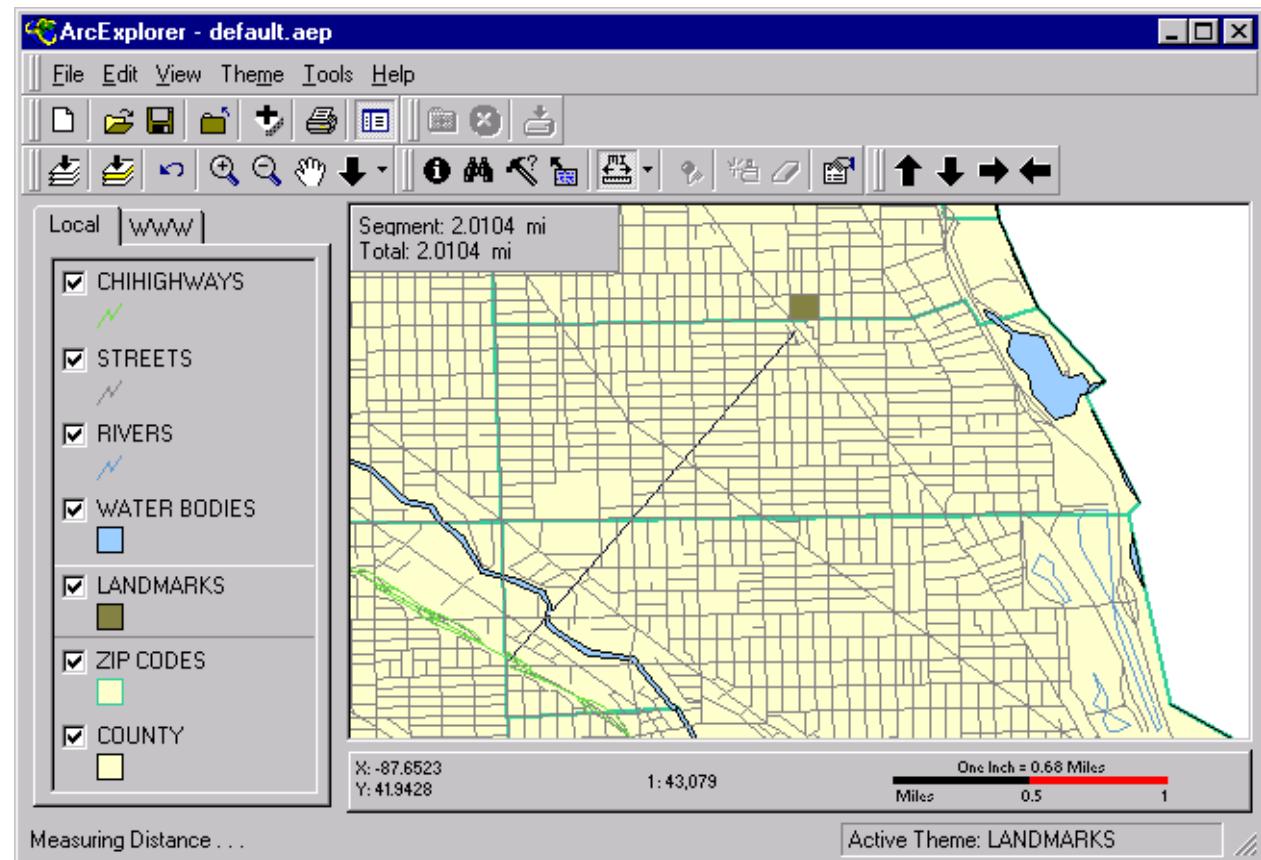
## Scale Bar

- **Define map, screen, and scale units**
  - **Map units:** units in which your data is stored

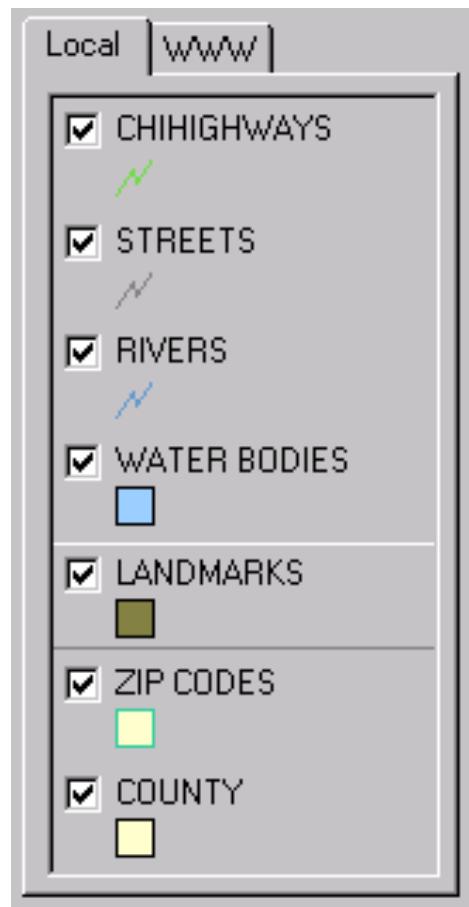


## Measure tool

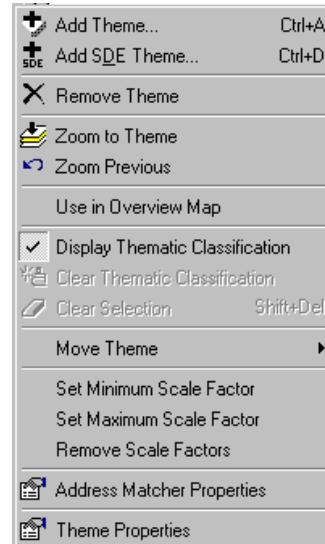
- Set in feet, miles, meters, or kilometers



# Legend



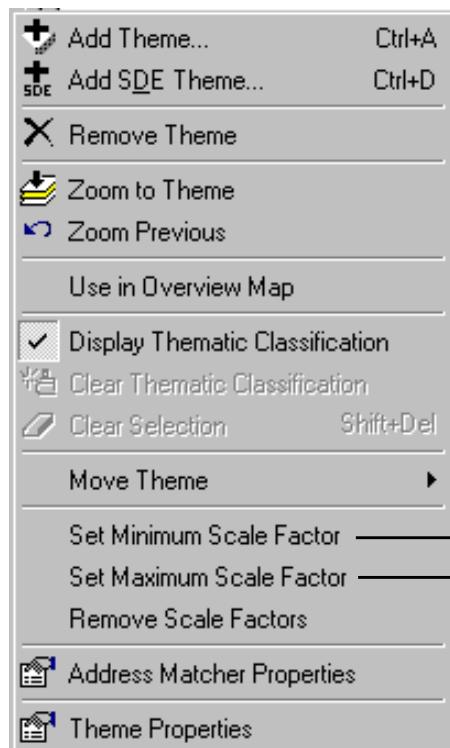
Right-click  
a theme



Double-click  
a theme

# Set Scale Factors

- Control the display of themes at different zoom levels



Minimum Scale Factor

Themes does not draw if you zoom in closer

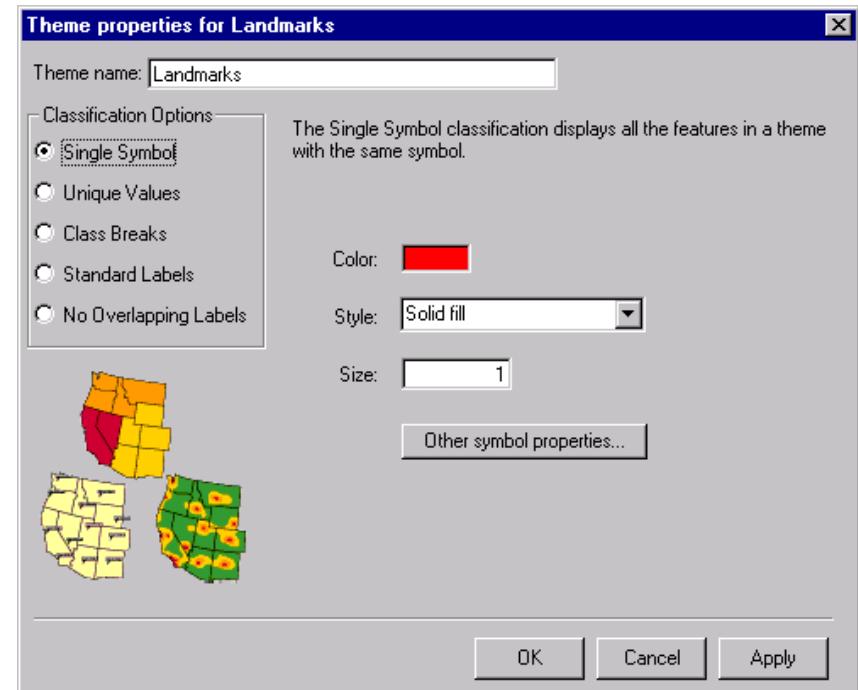
Maximum Scale Factor

Themes does not draw if you zoom further out

# Making Maps with ArcExplorer

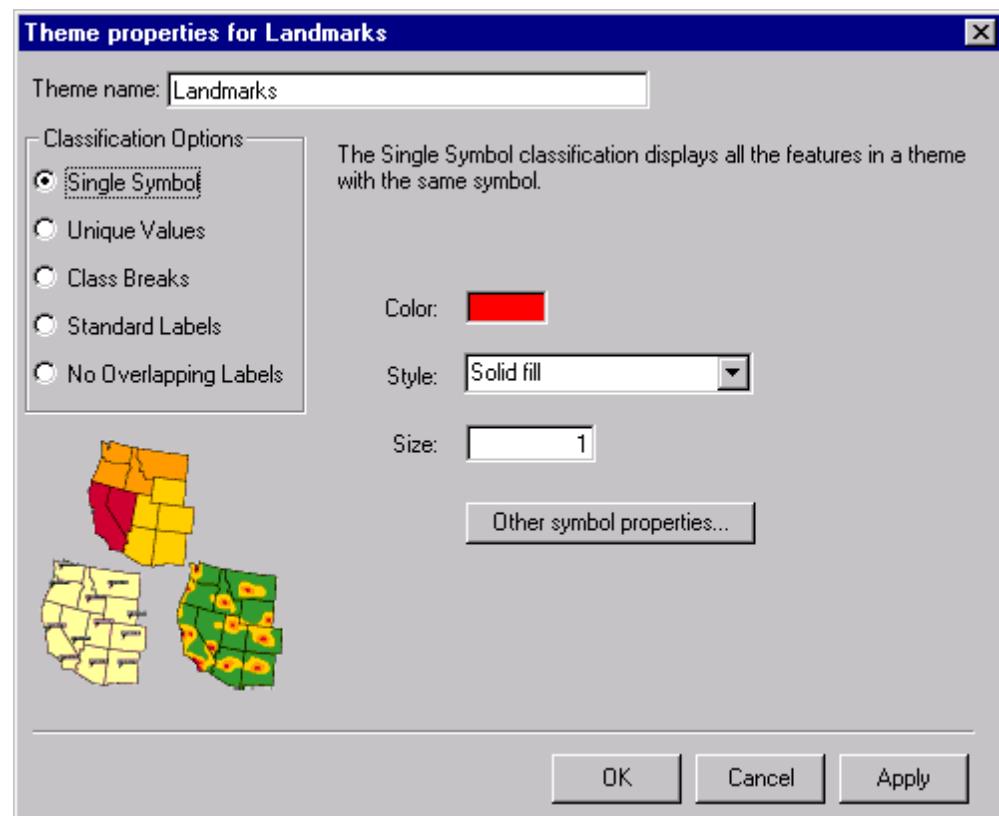
## – Theme Properties Dialog

- Change a theme's name
- Change a theme's display
  - Font, color, style
  - Classification



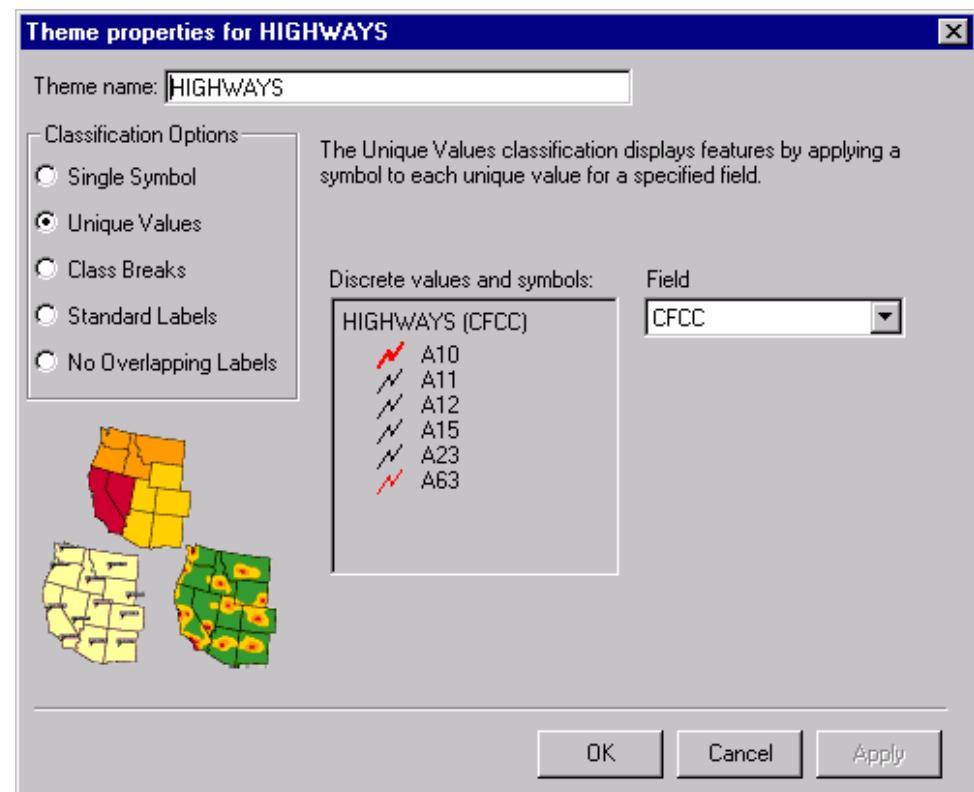
# Single Symbol Maps

- Represents data as one color or symbol



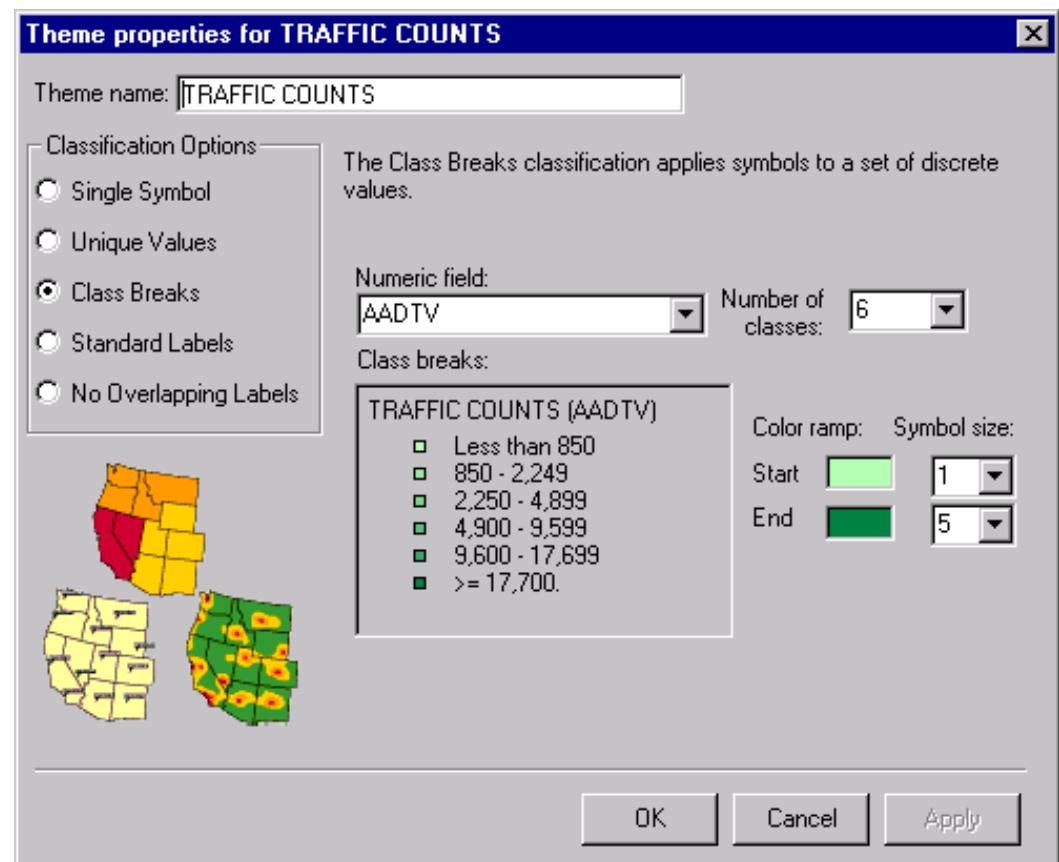
# Unique Values Maps

- Applies a color to each unique value in a field



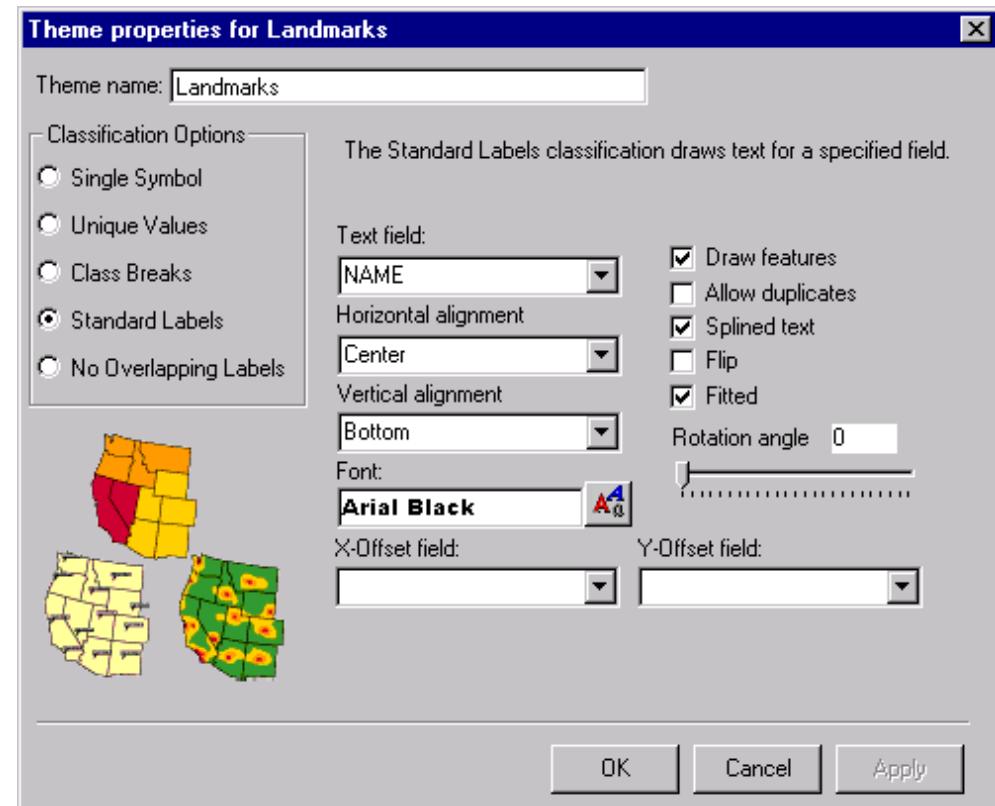
# Class Breaks Maps

- **Classifies values for a field**



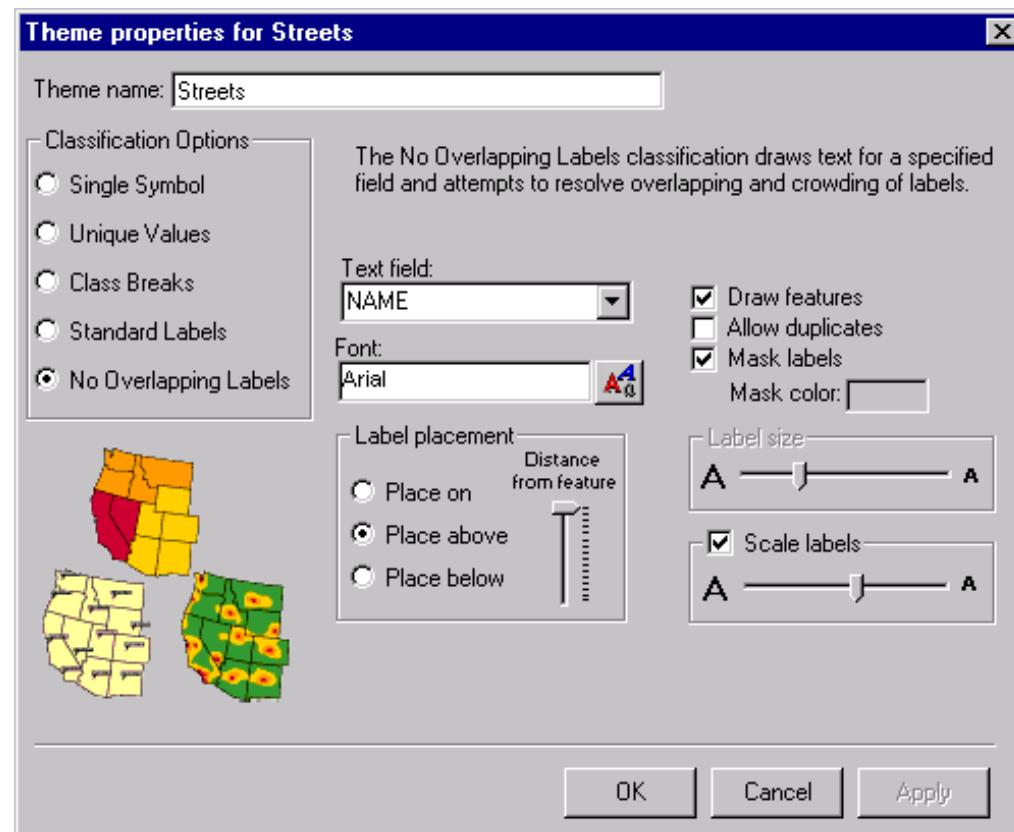
# Standard Labels Maps

- **Font**
- **Alignment**
- **Placement**
  - **Spline**
  - **Flip**
  - **Fit**
  - **Rotate**



# No Overlapping Labels Maps

- **Resolves crowded or overlapping labels**
  - Font
  - Placement
  - Mask labels
  - Size/Scale



# Address Matching

- Locating street addresses or intersections
- One address at a time

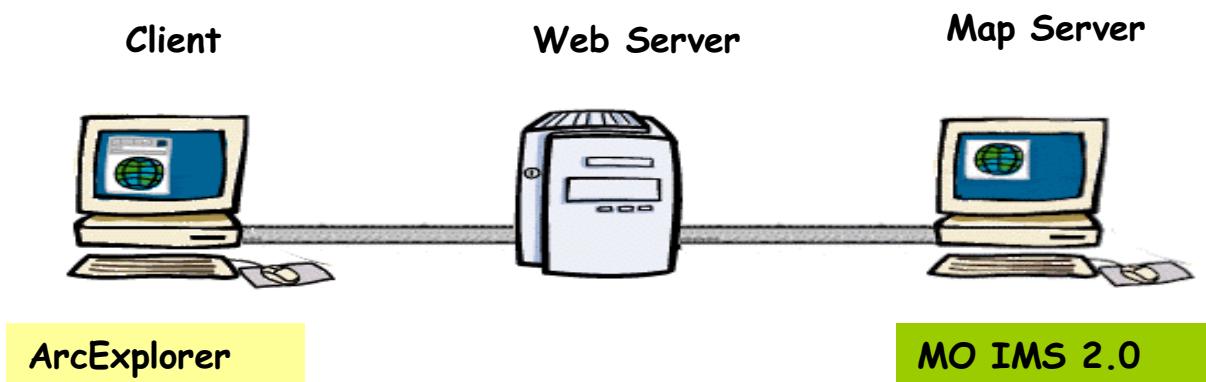
## Street files for address matching

- **Shapefile or ARC/INFO coverage**
- **US addresses only**
- **City or county level file**
- **Required properties**
- **Possible Street File Sources**
  - ArcData Online
  - GDT
  - BLR

# Sharing Your ArcExplorer Project

- **Save the project to distribute**
- **Print the map**
  - **Landscape, 8 ½ x 11 map**
- **Create image of map**
  - **BMP**
  - **EMF**
- **Serve project over the Internet**

# Serve ArcExplorer Projects with MO IMS 2.0



# MO IMS 2.0

- **Complete set of components for building and distributing GIS applications for the Web**

# Software Distribution Rights

- **ArcExplorer software**
  - **Free distribution**
    - **Distribute with ESRI logo**