



**AGIC**

ARIZONA GEOGRAPHIC  
INFORMATION COUNCIL

# Road Network Management

## Road Data Models to Meet Multiple Needs

# Overall Approach

- Leverage the expertise and resources to create required data
- There is a need for good road networks and address data for many purposes:
  - Public Safety
  - Emergency Management
  - HPMS/Arizona All Roads Network/Highway Safety
  - Broadband High Speed Internet Development
  - FirstNet
  - Geocoding and Other Services

# National Programs

- **Programs Being Leveraged for Road and Address Development and Maintenance**
  - **USDOT MAP-21 – National All Roads Network**
  - **US Dept. of Commerce**
    - **NTIA – Broadband/FirstNet**
    - **Bureau of Census – TIGER/Addresses**
  - **US Dept. of Agriculture – NAIP Imagery**
  - **FGDC – Data Standards**

# Arizona Road & Address Projects

- **ADOA**
  - Arizona Broadband Mapping Project
  - Arizona Address Project
  - 9-1-1 Office
  - FirstNet
- **ADOT**
  - All Roads Network
- **ADEQ**
  - AZGEO Server Support

# Goal

- **Create road networks and address data to meet the requirements of participating stakeholders**
- **Develop an Arizona Road Network and Address Database to meet the needs of multiple agencies**