

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT



LeadAR Class 15

December 6, 2012

AHTD Quick Facts

- 3rd Largest State Agency (3,605 Employees)
- 12th Largest Highway System in the Country (16,382 Miles)
- 10 Districts Statewide; Central Offices in Little Rock
- Mission: Provide a safe, efficient, aesthetically pleasing and environmentally sound intermodal transportation system for the user.



AHTD Districts



**ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT
HIGHWAY DISTRICTS**

• District Headquarters

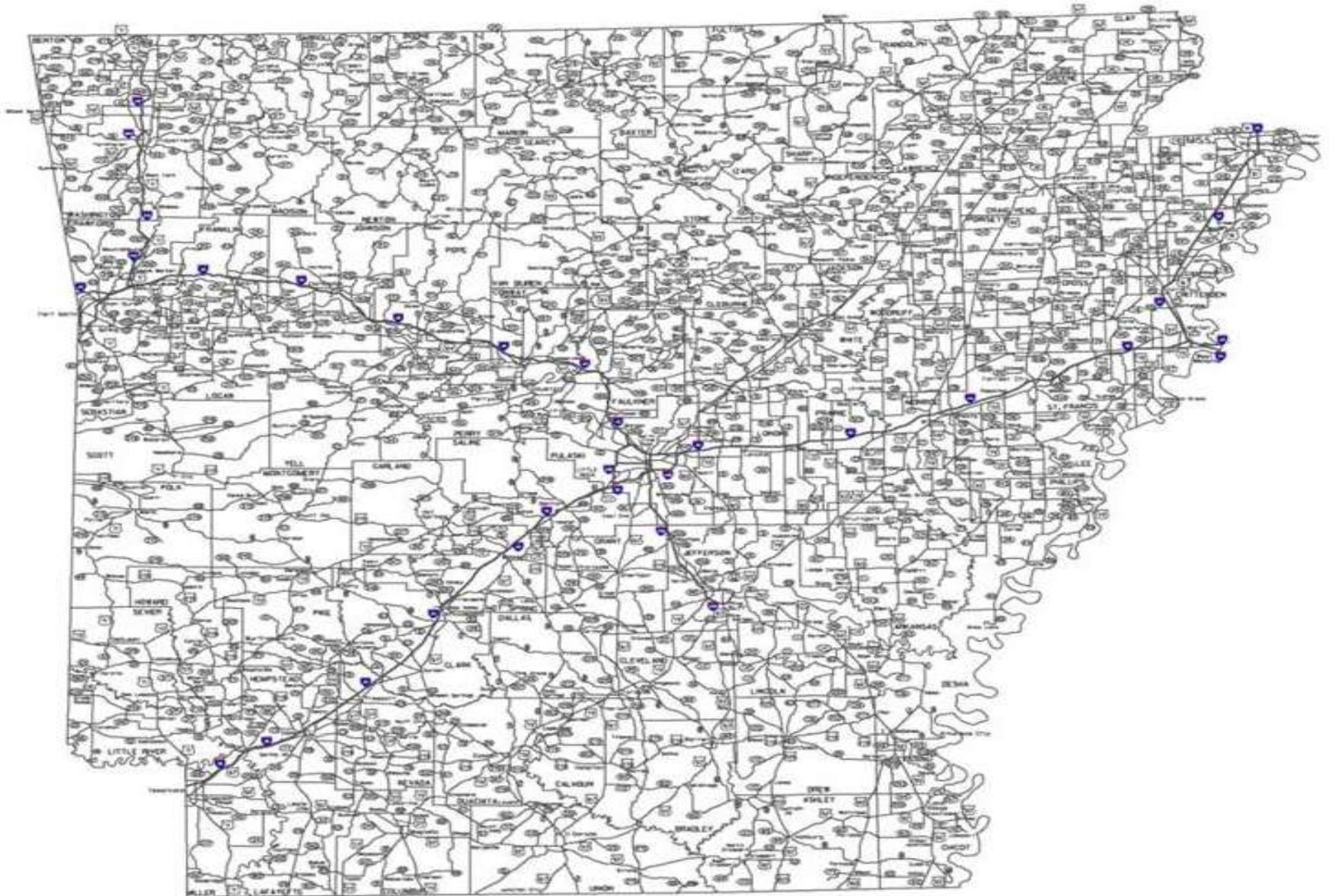
Arkansas Highway Commission



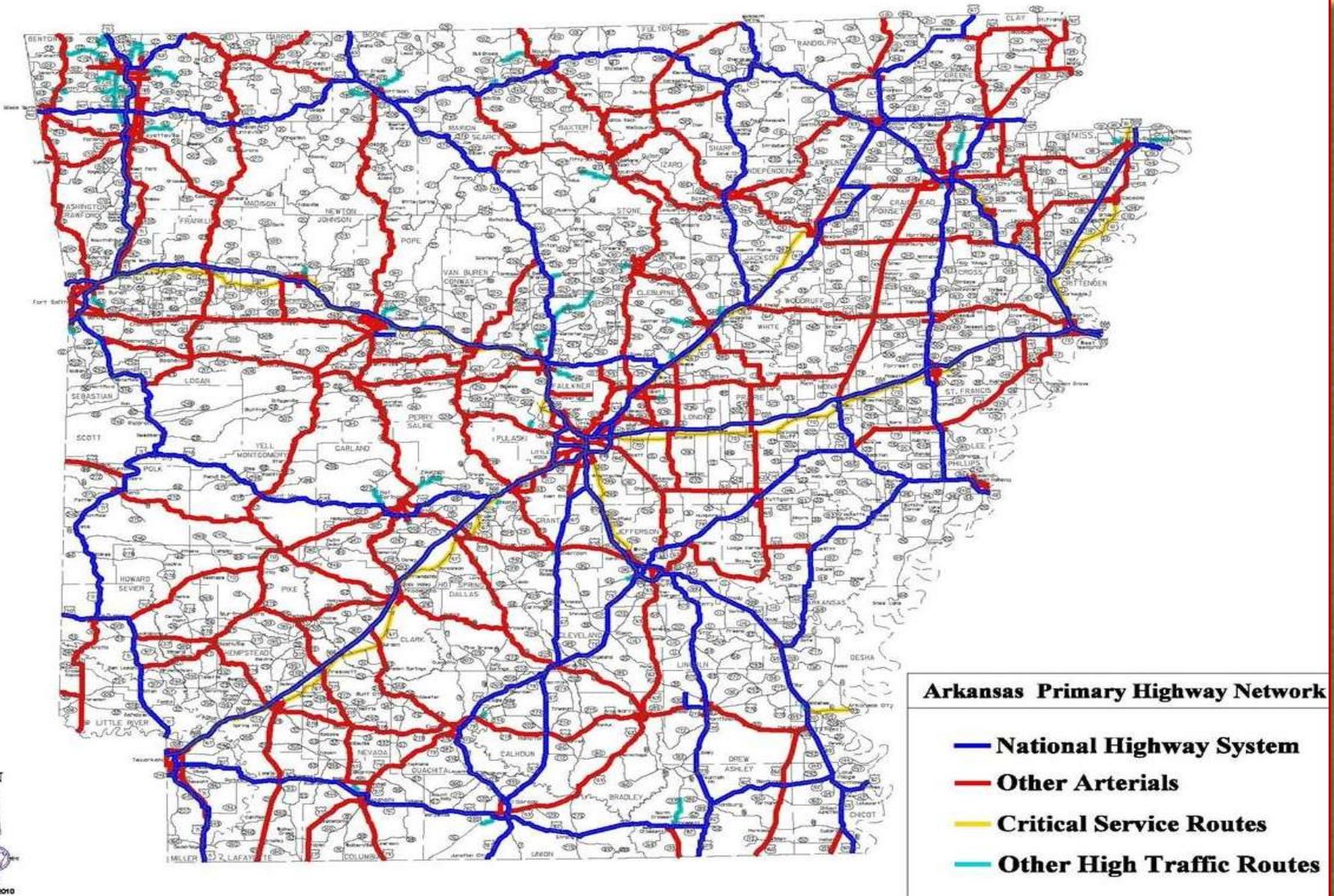
State Highway System

- Arkansas 16,382 miles
- Illinois 16,161 miles
- California 15,225 miles
- New York 15,033 miles
- Tennessee 13,793 miles
- Florida 12,084 miles

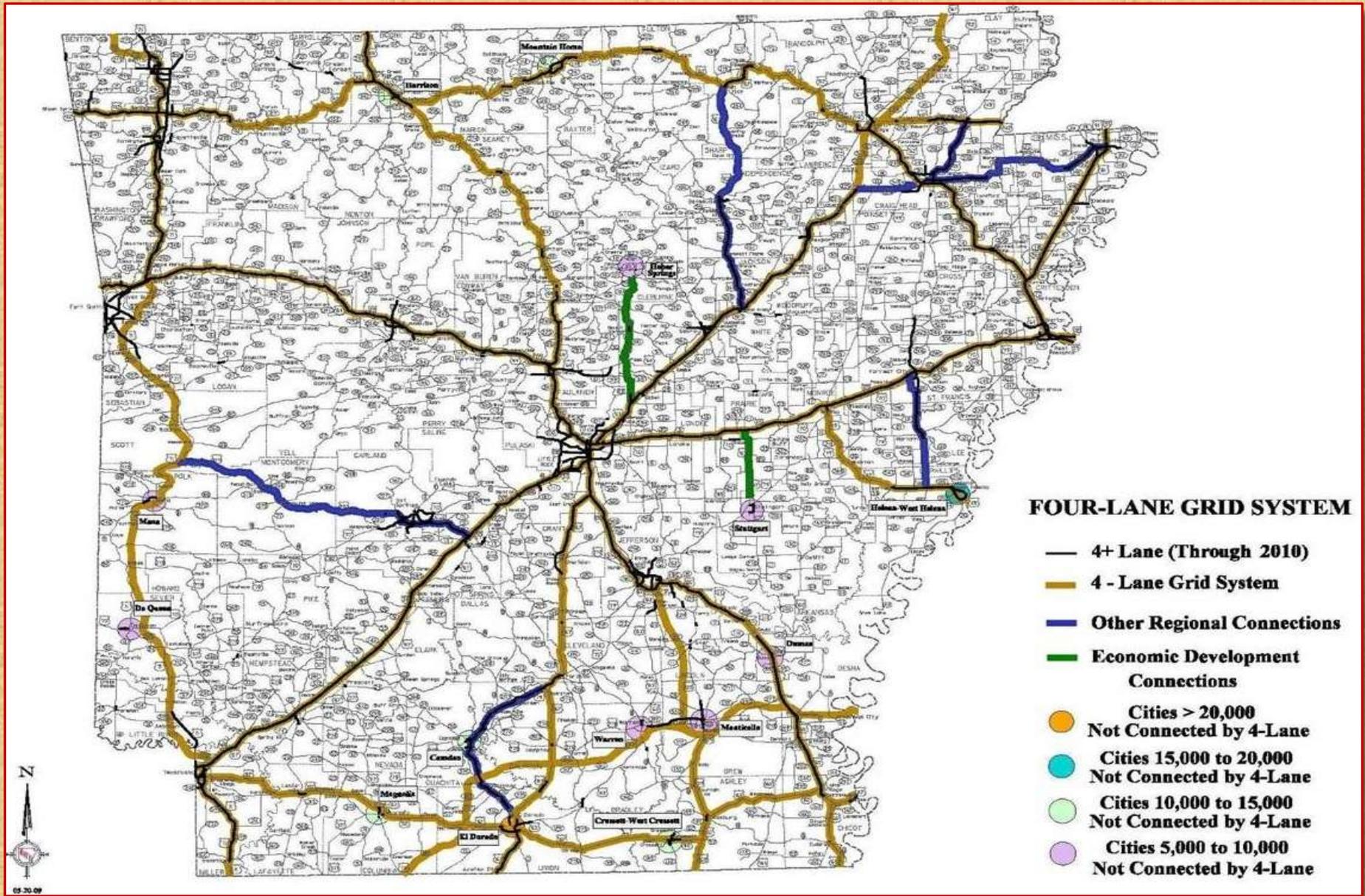
State Highway System



Arkansas Primary Highway Network



4-Lane Highway System



Challenges

- **12th** largest system in the country
 - **43rd** in highway revenue per mile.
-
- **\$23 billion** in needs
 - **\$4 billion** in available revenue



Highway Funding Sources

Federal

Per-Gallon Motor Fuel Taxes

State

Per-Gallon Motor Fuel Taxes

Severance Taxes

Vehicle Registration Fees

License/Permit/Inspection Fees



**Per-Gallon Tax is the Primary Funding Source
for Highways**



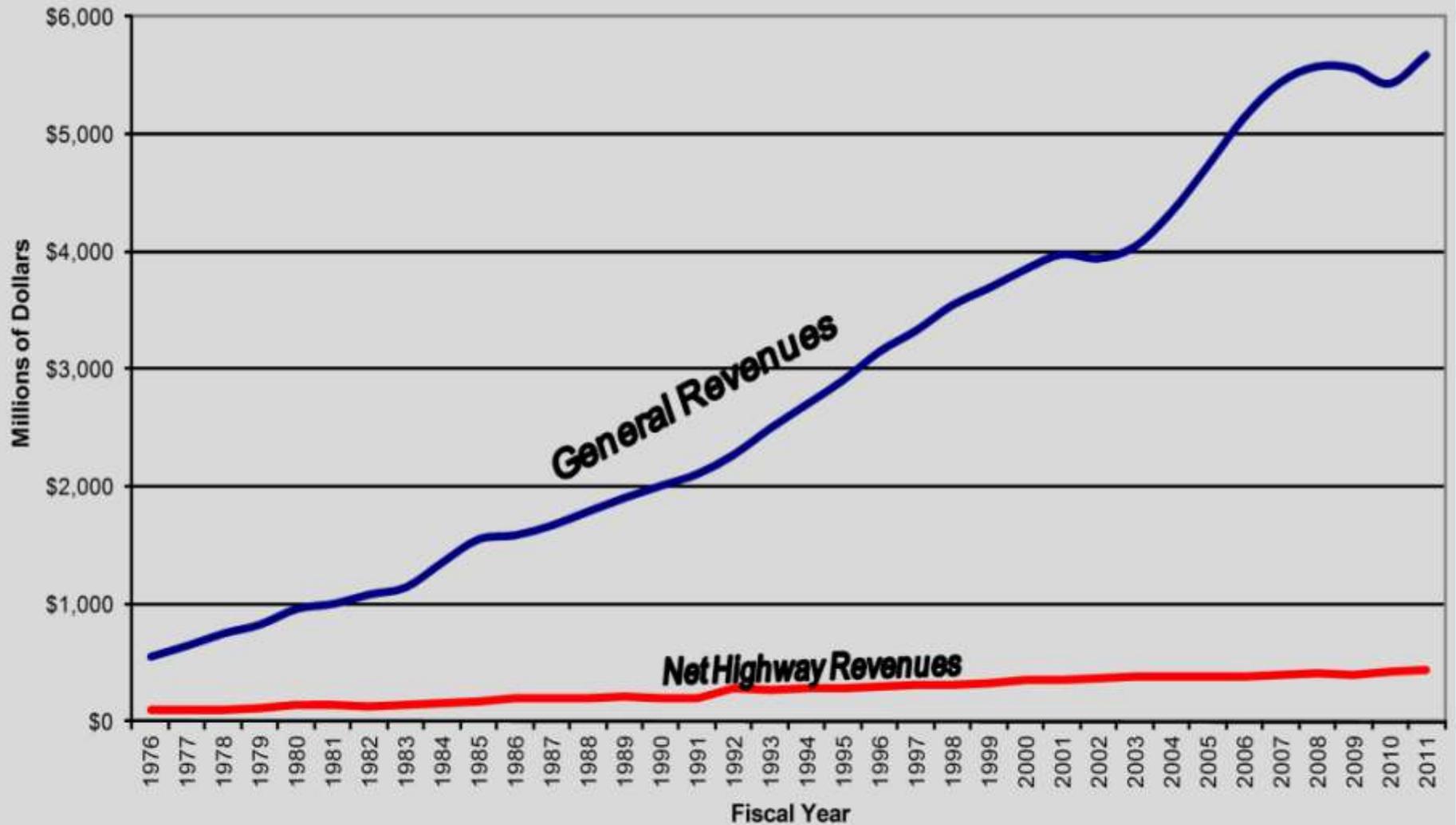
Fuel Consumption is Declining



Highway Revenues From Fuel are Declining



State General Revenues vs. Gross State Highway Revenues

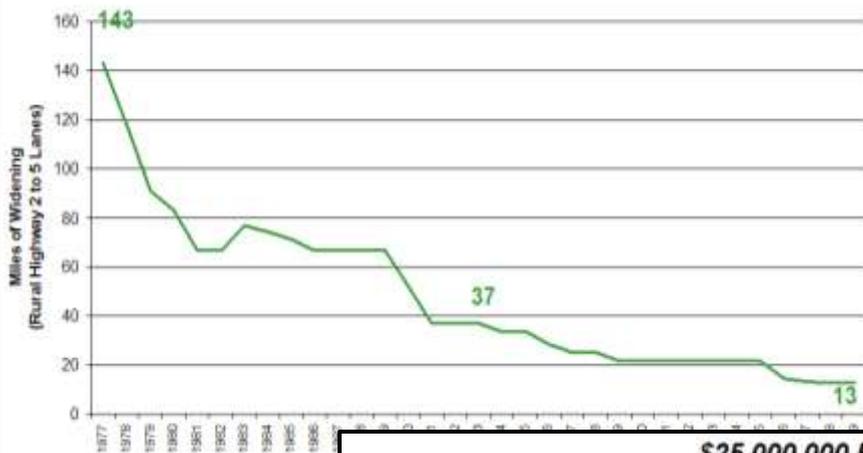


— ARKANSAS STATE GENERAL REVENUES — AHTD NET HIGHWAY REVENUES

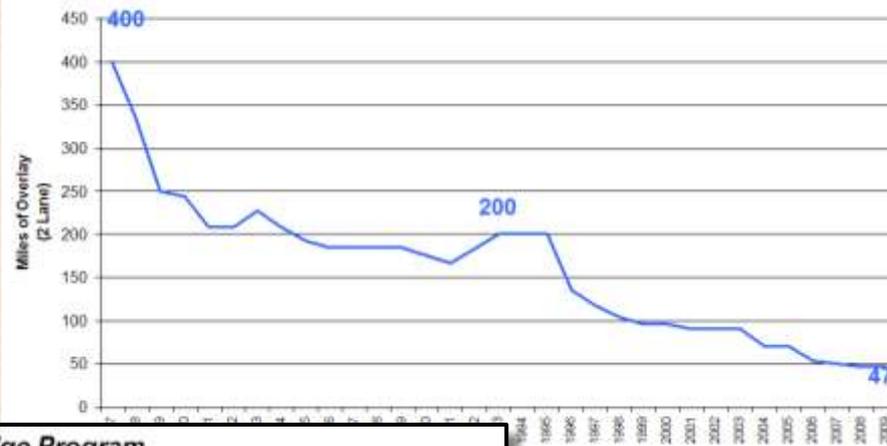
Excludes County & City aid funds
Prepared by: Planning and Research 1/24/2012

Challenges

\$100,000,000 Widening Program



\$10,000,000 Overlay Program



\$25,000,000 Bridge Program



Administrative Costs

2nd Lowest in the Nation

Arkansas Average: \$1,821.00 / Mile

Surrounding States: \$5,342.00 / Mile

Nat'l Average: \$12,772.00 / Mile





“ . . . recommendations in this report . . . will provide a bold step forward in addressing the systemic flaws and sustainability issues that exist today in funding Arkansas’s roads.”

“The citizens of Arkansas deserve action on this, and they stand to benefit greatly through improvements to safety, mobility, and the economy.”

Revenue Proposals



- Reissue GARVEE Bonds for Interstate Rehabilitation Program
- State Aid Program for Cities
- Temporary One-Half Cent General Sales Tax to Fund a Multi-Year Construction Program
- Transfer Sales Tax on New and Used Vehicles, Auto Repair Parts and Services, Tires and Batteries

Revenue Proposals



“Reissue GARVEE Bonds for Interstate Rehabilitation Program”

- Needed Vote of the People
- \$575 Million in Bonds
- No New Taxes

Interstate Rehabilitation Program

1999

50 Projects | 360 Total Miles | \$1.0 Billion

Interstate Condition Improved From 21% 'Good' to 72%

2011

Passed With 81% of Vote

75 +/- Projects | 455 Total Miles | \$1.2 Billion

First Contracts to be Awarded in November 2012



Interstate Rehabilitation Program

Projects Let to Contract

I-540

7.1 Miles | Hwy. 22 – I-40 | \$78.8 Million

I-530

7.4 Miles | Bingham Rd. – Grant Co. Line | \$13.5 Million

I-40

7.2 Miles | Mill Creek Rd. – Hwy. 331 | \$42.3 Million

** IRP Projects Included in Largest Letting in AHTD History! **



Revenue Proposals



“State Aid Program for Cities”

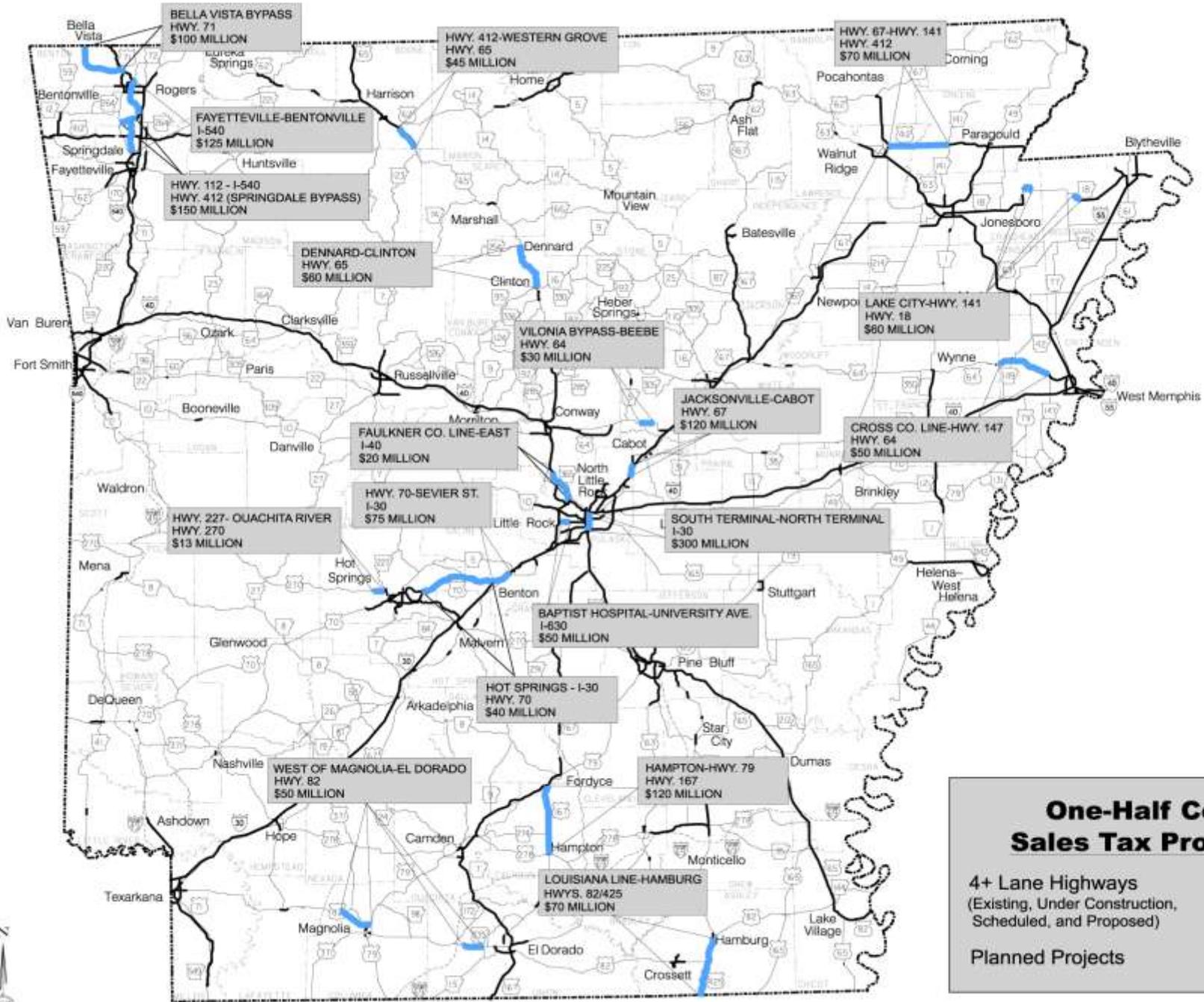
- Dedicate 1¢ Per Gallon of Existing Motor Fuel Tax
- Identical to County Aid Program
- Funds Distributed by 9-Member Panel
- Passed in 2011; Triggered by Issue #1 Vote

Revenue Proposals



“Temporary One-Half Cent General Sales Tax to Fund a Multi-Year Construction Program”

- Sunset in 10 Years
- Used for Multi-Year Bond Program
- Would Generate \$1.8 Billion Total Program
- Recommended to Refer to a Vote of the People



One-Half Cent Sales Tax Program

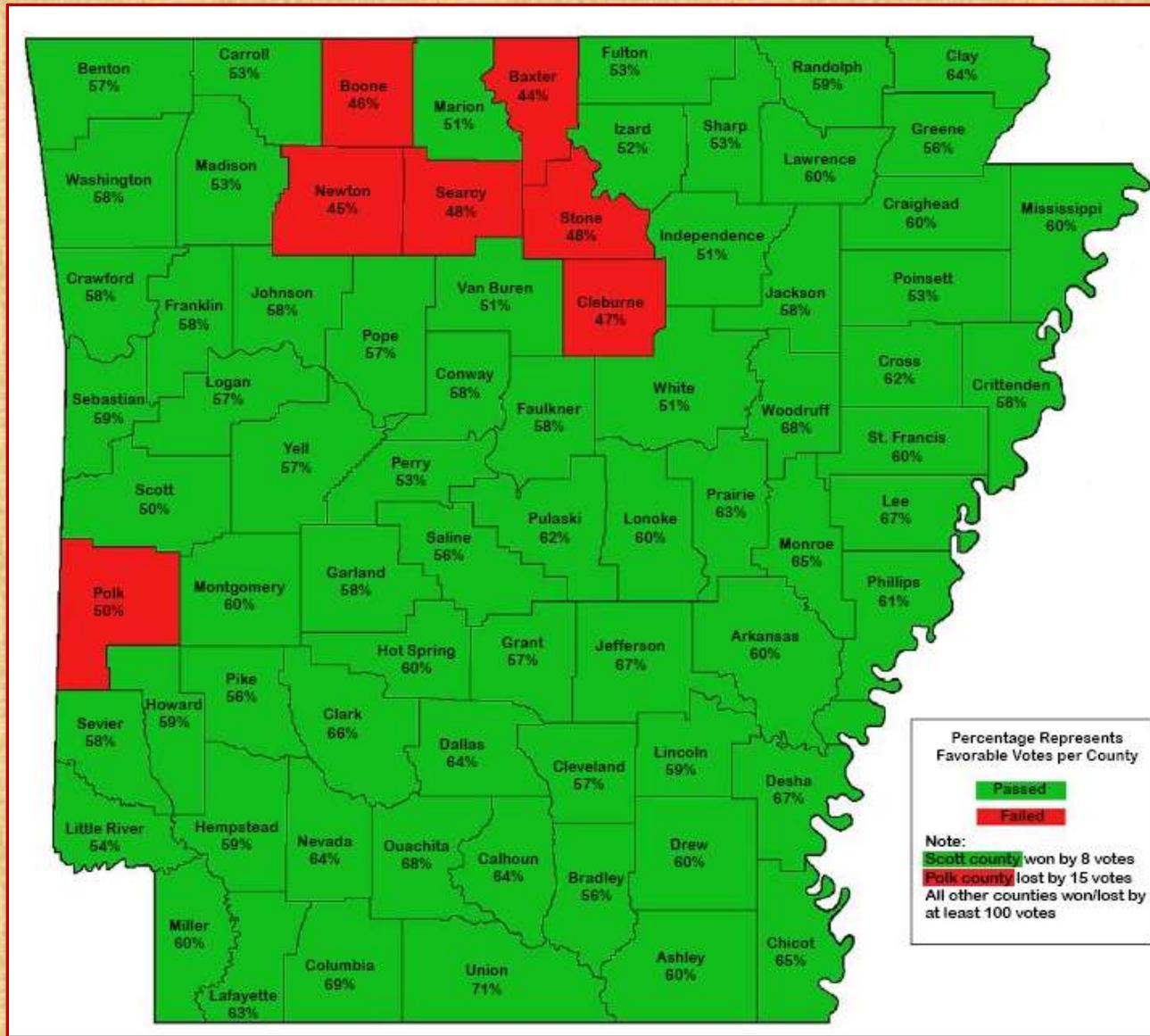
4+ Lane Highways
(Existing, Under Construction, Scheduled, and Proposed)

Planned Projects



November 6th General Election

Issue Number 1



Revenue Proposals



- Reissue GARVEE Bonds for Interstate Rehabilitation Program **APPROVED**
- State Aid Program for Cities **APPROVED**
- Temporary One-Half Cent General Sales Tax to Fund a Multi-Year Construction Program **APPROVED**
- Transfer Sales Tax on New and Used Vehicles, Auto Repair Parts and Services, Tires and Batteries

Federal Funding
for
LOCAL
Transportation
Projects

*Arkansas State Highway and Transportation Department
Programs and Contracts Division*



LEGISLATION

- Previous Law
 - The Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)
- Current Law
 - Moving Ahead for Progress in the 21st Century (MAP-21)
- By law, AHTD is responsible for administering Federal Highway Programs (23USC302)



FEDERAL PROGRAMS

- Surface Transportation Program
- Railway-Highway Crossing Program
- Transportation Alternatives Program



GENERAL FUNDING REQUIREMENTS

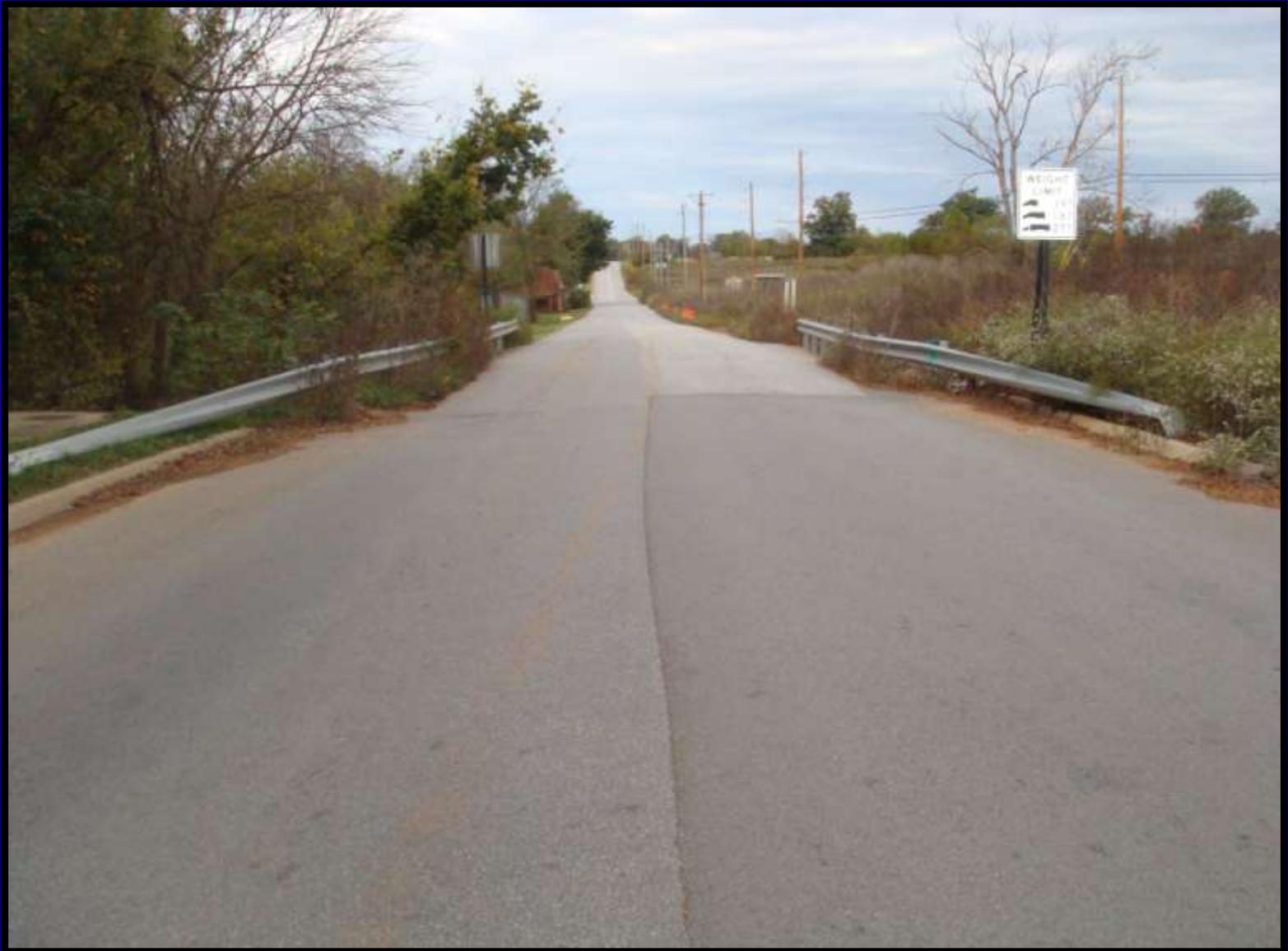
- American Association of State Highway and Transportation Officials (AASHTO) standards and other applicable design standards must be followed.
- Federal participation for eligible projects is normally 80% with the local government providing the remaining 20%.
- Deposit Required
- AHTD Project Phase Assistance

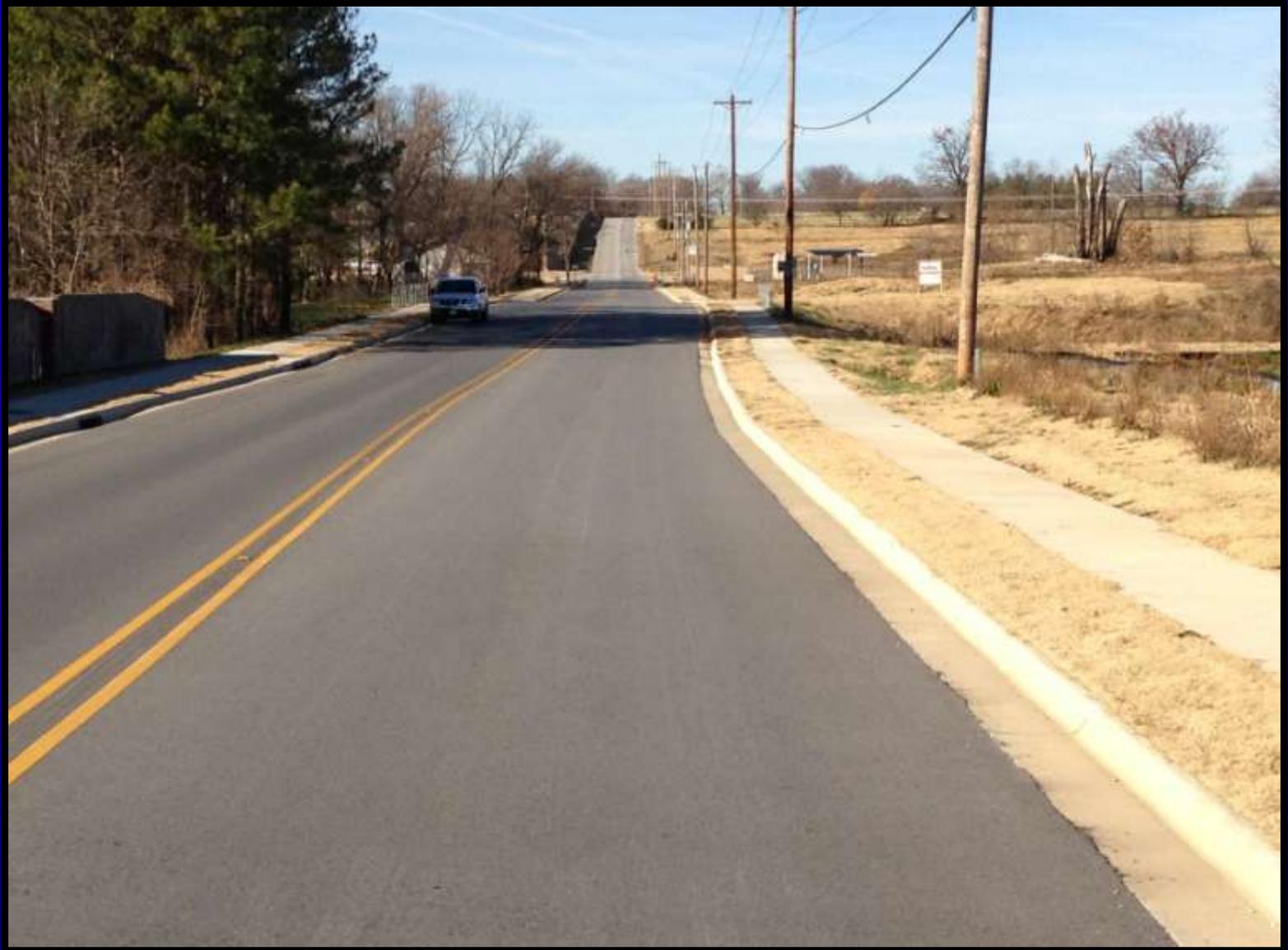


SURFACE TRANSPORTATION PROGRAM

- **Eligibility –**
 - Cities with less than 200,000 Population
- **Maximum Federal Aid –**
 - \$1,000,000 per Roadway Project
 - \$ 350,000 per Signal / Intersection Project
 - Local Agency Responsible for Costs Associated with Right-of-Way Acquisition and Utility Relocation
 - Local Agency Responsible for Maintenance of Signal upon Completion
- **Previous Annual Allocation –**
 - \$2 million for Roadway Projects
 - \$2 million for Signal / Intersection Projects











BRIDGE REPLACEMENT/ REHABILITATION

- **Previous Eligibility Requirements –**
 - Bridges on any Public Road
 - At least 20' in Length
 - Replacement / Sufficiency Rating ≤ 50
 - Rehabilitation / Sufficiency Rating ≤ 80
 - Functionally Obsolete or Structurally Deficient
- **Maximum Federal Aid –**
 - \$1,000,000 per Bridge Project
- **Previous Annual Allocation**
 - \$2 million



RAILWAY-HIGHWAY CROSSINGS PROGRAM

- **Eligibility**
 - Railroad Crossings on any Public Road
 - Railroad Crossing Protection
 - Railroad Grade Separations / Relocations / Surfaces
- **Criteria Considered**
 - Hazard Rating
 - Other Factors
- **Annual Allocation**
 - \$3.6 million

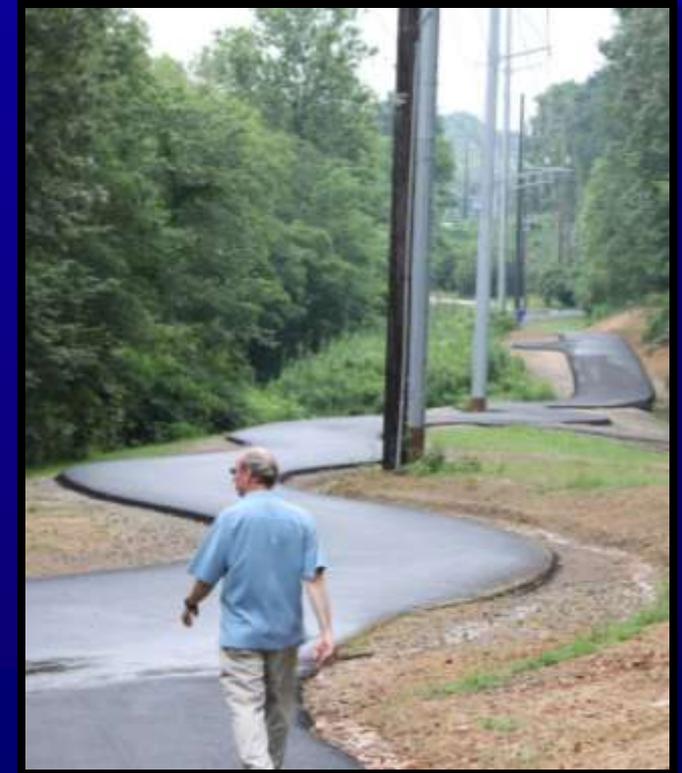






TRANSPORTATION ALTERNATIVES PROGRAM

- **Six Eligible Categories –**
 - On-Road and Off-Road Trail Facilities
 - Safe Routes for Non Drivers
 - Abandoned Railroad Corridors for Trails
 - Turnouts, Overlooks and Viewing Areas
 - Community Improvement Activities
 - Environmental Mitigation













SUMMARY

- Surface Transportation Program
- Railway-Highway Crossing Program
- Transportation Alternatives Program



Federal Funding
for
LOCAL
Transportation
Projects

Arkansas State Highway and Transportation Department

501-569-2261

www.arkansashighways.com





Arkansas Highway and Transportation Department

The County Road State Aid Program

Presented by
David R. Mayo, Jr.
State Aid Engineer

State Aid Division

MISSION STATEMENT

The mission of the Arkansas Highway and Transportation Department's State Aid Division is to provide quality administrative and engineering assistance to Counties in accordance with Act 445 of 1973, effectively utilizing Federal, State Aid, and local funds to promote appropriate standards in the construction of a safe, hard surfaced State Aid County Road System.

State Aid Program

The Arkansas Legislature created the County Road State Aid Program by Act 445 of 1973. The following three basic items were included in the Act:

Act 445 of 1973

1. The State Aid Division was created within the Arkansas State Highway and Transportation Department to administer the State Aid and Federal Aid County Road Program.

Act 445 of 1973

2. An ultimate 15,000 mile State Aid County Road System was established consisting of the main traffic connectors in each county.

Act 445 of 1973

3. A funding source of one cent per gallon was added to the fuel tax with the amount collected being distributed to the various counties.

Act 445 of 1973

Funding and Mileage is apportioned to each of the 75 Counties by the following three factors:

Money and Mileage Distribution

1. Fifty percent divided equally.
2. Twenty five percent divided in the proportion that the area of the County bears to the area of the State.
3. Twenty five percent divided in the proportion that the rural population of the County bears to the rural population of the State (based on most recent decennial federal census)

Funding Possibilities for Available Monies

Typical Funding Ratios for Projects

Awarded Through the State Aid Program:

State Aid Jobs:

90% State Aid Funds

10% County Funds

Funding Possibilities for Available Monies

Federal Aid STP Jobs:

80% Federal Aid Funds

18% State Aid Funds

2% County Funds

Funding Possibilities for Available Monies

Federal Aid Bridge Replacement Jobs:

80% Federal Aid Funds

18% State Aid Funds

2% County Funds

Design Guidelines

Design Standards for a typical Federal Aid/State Aid/County project follow AASHTO's "Green" Book. (A Policy on Geometric Design of Highways and Streets)

Arkansas Highway and Transportation Department State Aid Program

Projects let to date consists of work on over 12,400 miles of roadway and 816 bridges, and include:

4226 projects = \$816 M

Fed. Aid Funds = \$270 M

State Aid Funds = \$437 M

County Funds = \$ 95 M

Other (FEMA,ADEM,HUD,HPP,MFT etc.) =\$14 M



ArkansasHighways.com

