

Arkansas State Highway and Transportation Department

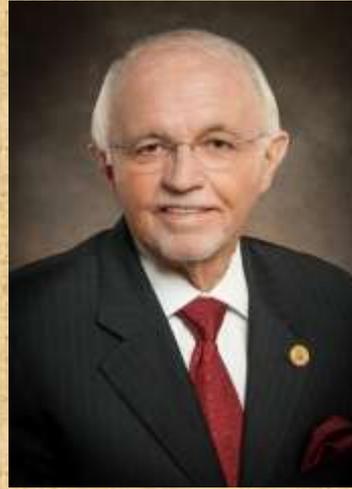


**Riverside Rotary Club
North Little Rock
Monday, March 16, 2015**

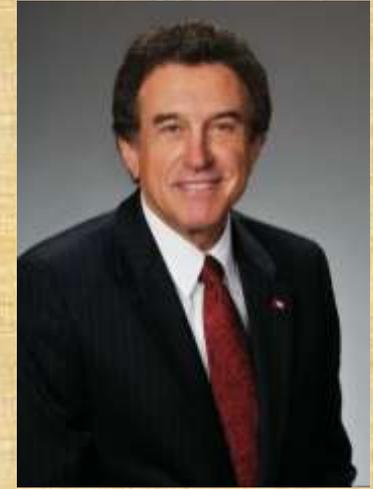
Arkansas Highway Commission



Tom Shueck
Little Rock



Dick Trammel
Rogers



Robert S. Moore Jr.
Arkansas City



Frank Scott
Little Rock



Alec Farmer
Jonesboro

Arkansas Highway & Transportation

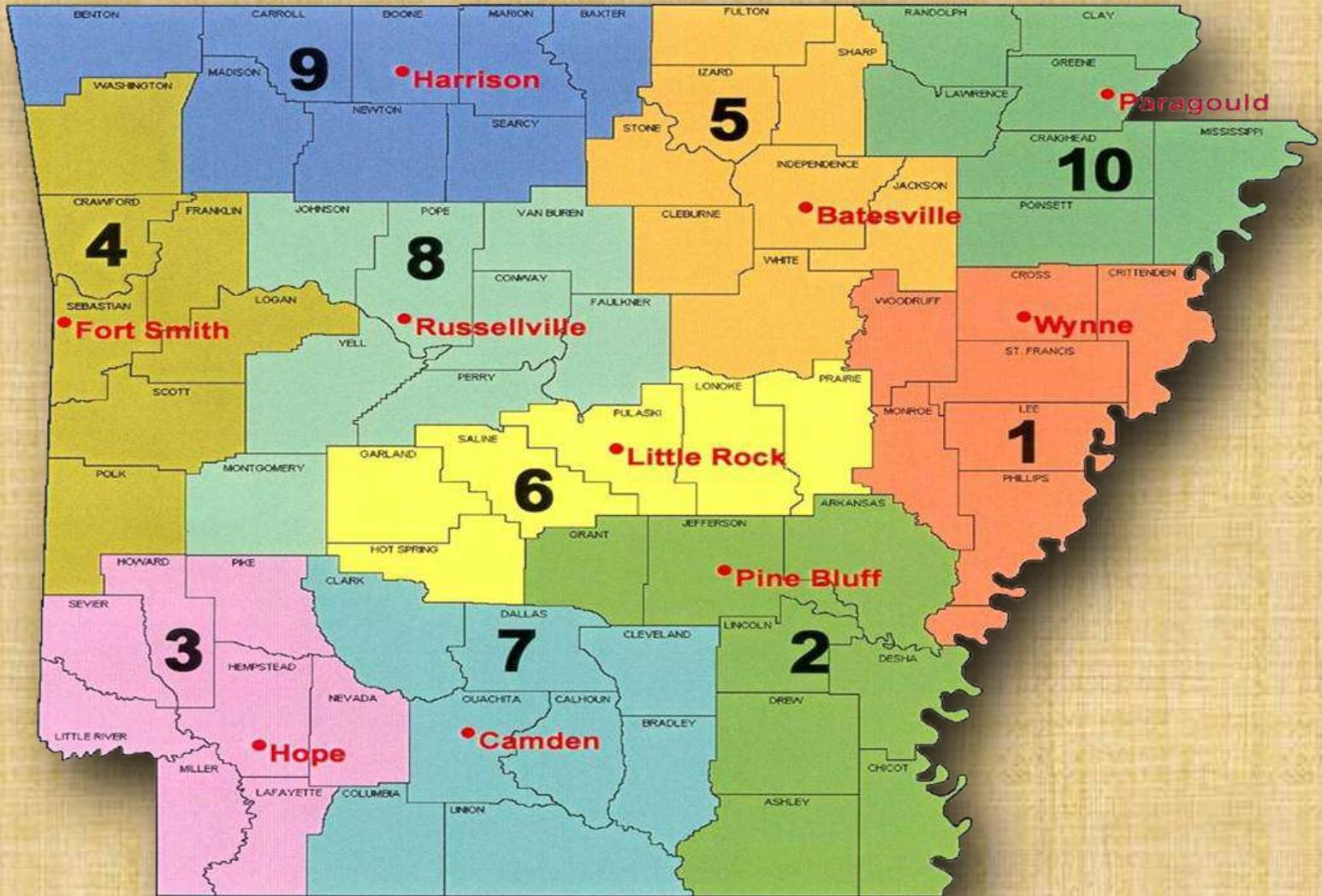


AHTD *Quick Facts*

- 3rd Largest State Agency (3,634 employees)
- Maintain 16,416 miles of highway and 7,335 bridges
- Central Offices in Little Rock; 10 Districts Statewide
- Mission: Provide a safe, efficient, aesthetically pleasing and environmentally sound intermodal transportation system for the user.



Highway Districts



● District Headquarters





Other Programs/Activities

State Aid Programs for Cities and Counties

Game & Fish Roads

State Park Roads

Institutional Roads

Airport Access Roads

Welcome Centers & Rest Areas

Arkansas Recreational Trails

Transportation Alternatives Program





Other Programs/Activities

Arkansas Commercial Truck Safety and Education Program

Historic Bridge Program

Adopt-A-Highway Program

Litter Hotline

Public Transportation Programs

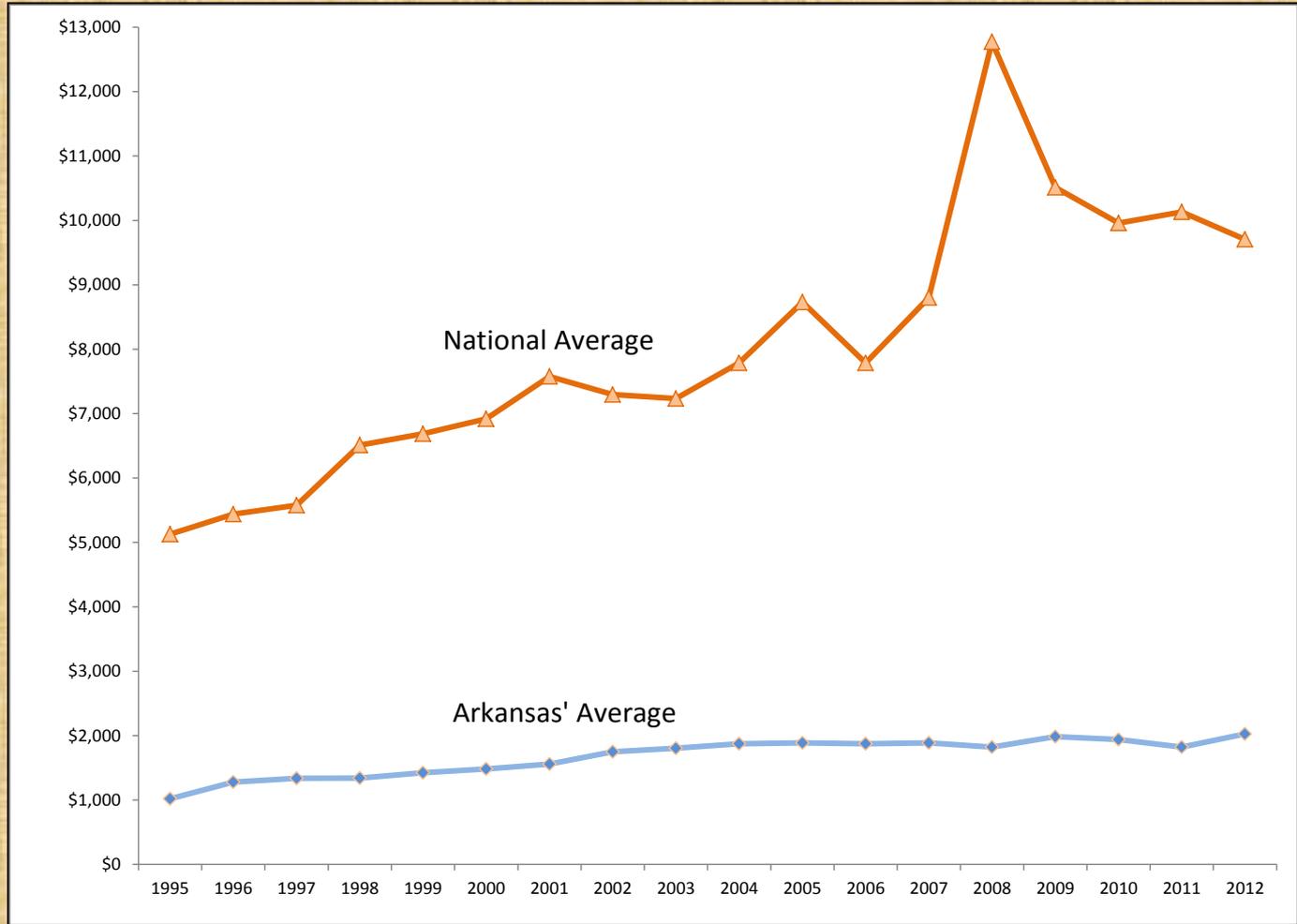
Wildflower Program

Research Grants to State Universities

Scholarships for Engineering Students



AHTD Administrative Costs Per Mile



National Average = \$9,705/mile

Surrounding States' Average = \$4,905/mile

Arkansas = \$2,024/mile

Arkansas' Rank = 48th



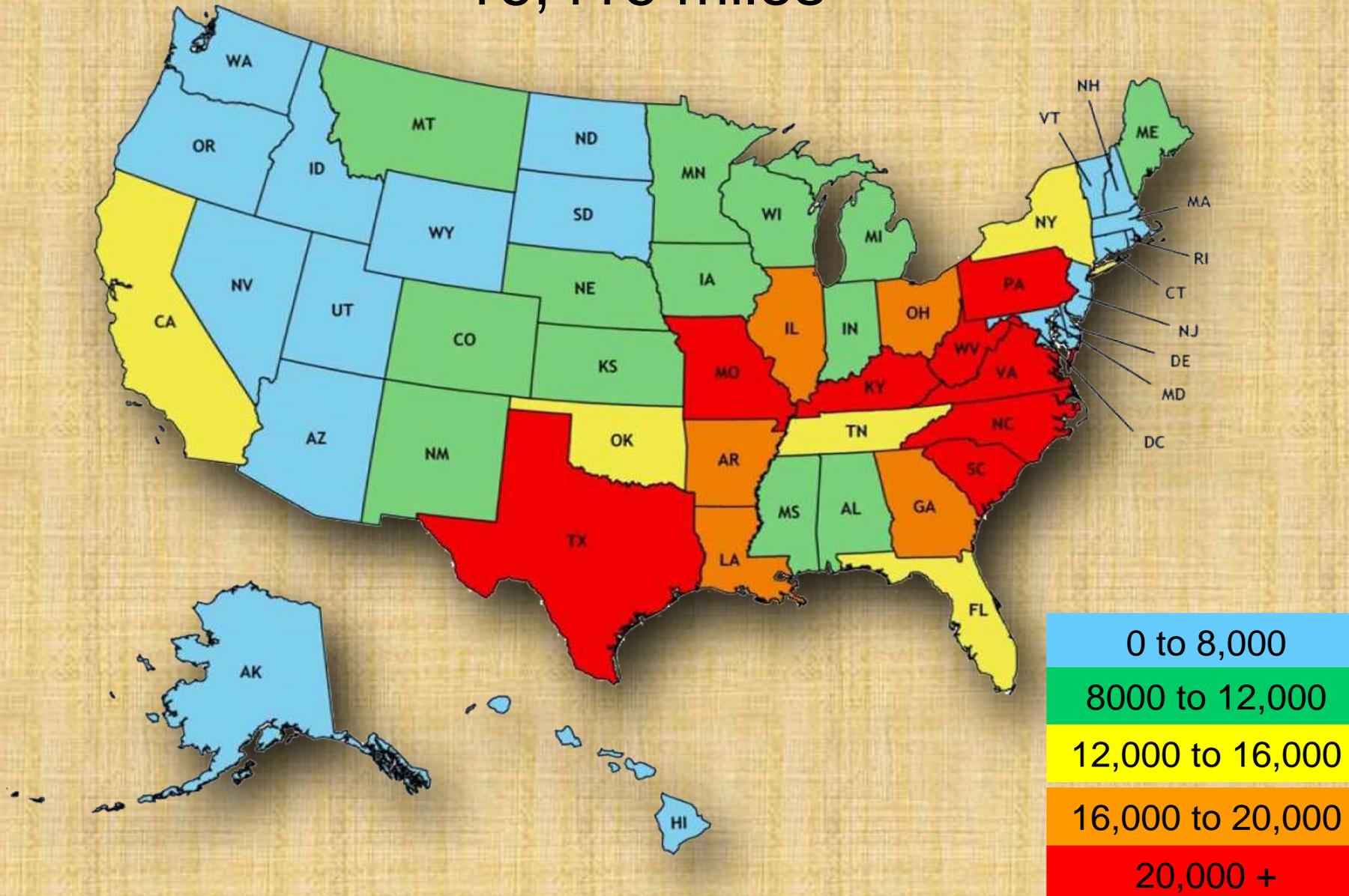


Employment Levels

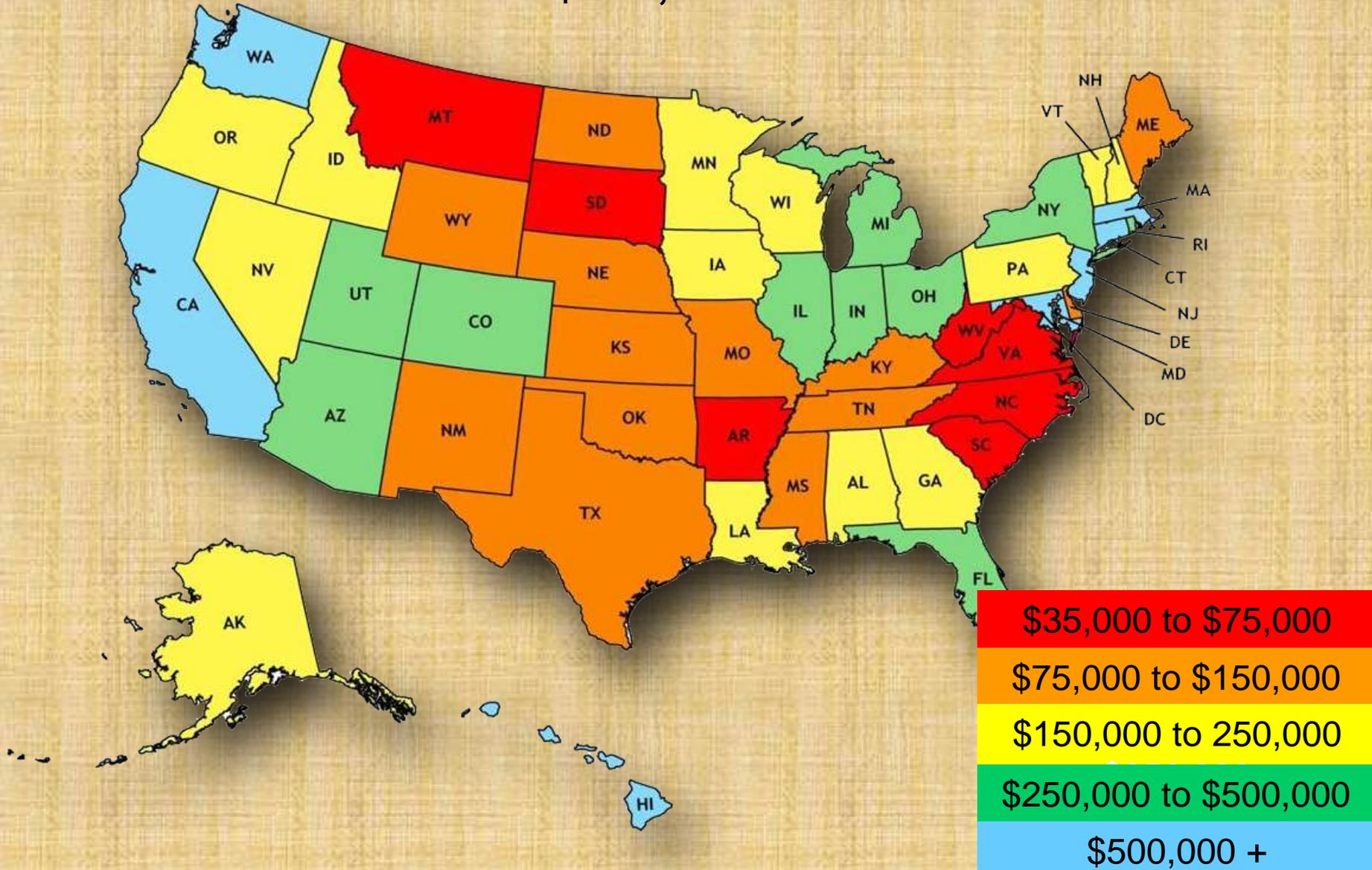
| Year | Employees |
|------|-----------|
| 2014 | 3,634 |
| 2002 | 3,801 |
| 1992 | 4,016 |
| 1982 | 3,770 |
| 1972 | 3,892 |
| 1965 | 3,620 |



Arkansas ranks 12th in number of miles 16,416 miles



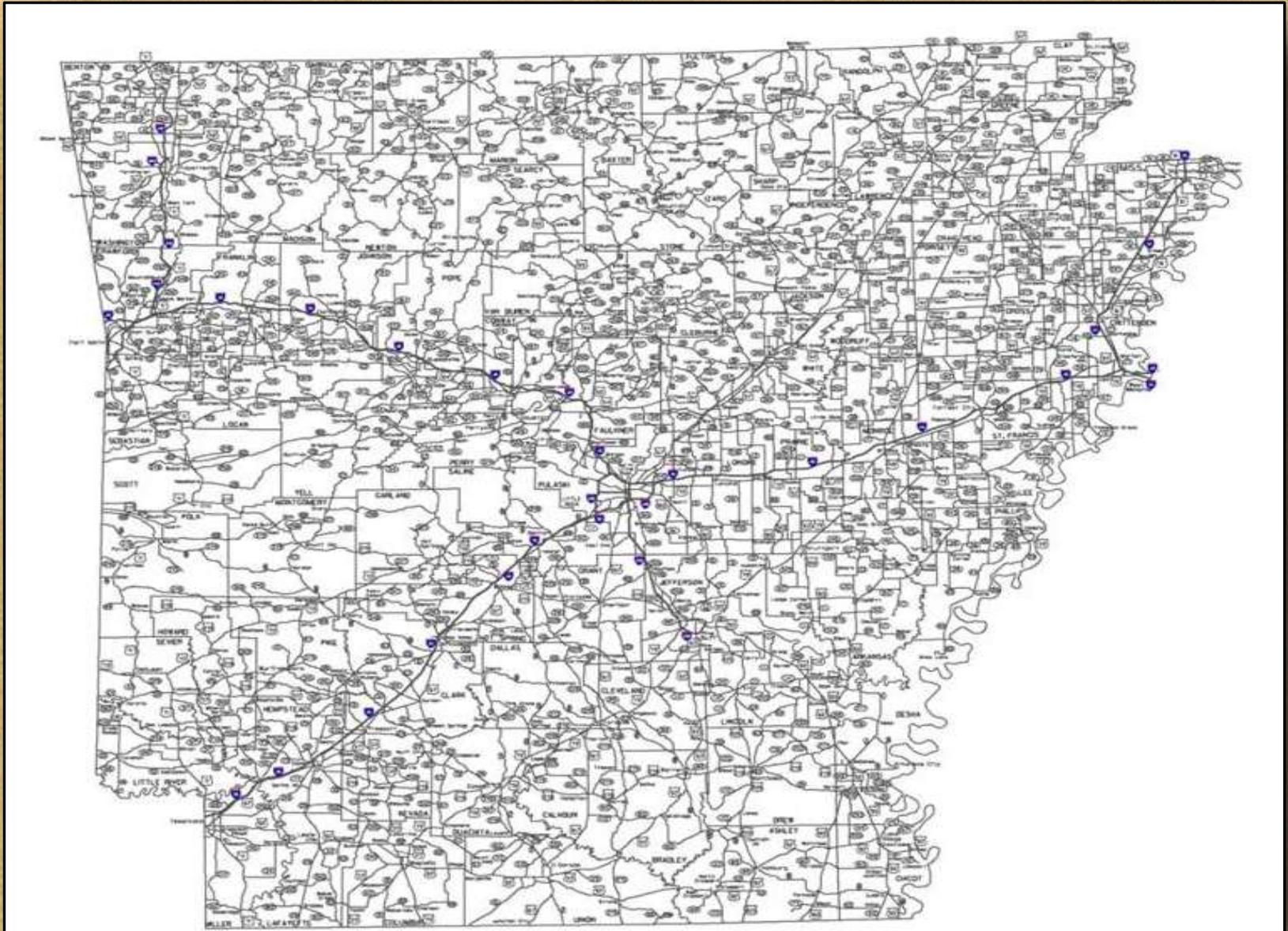
Arkansas ranks 44th in revenue per mile \$71,494



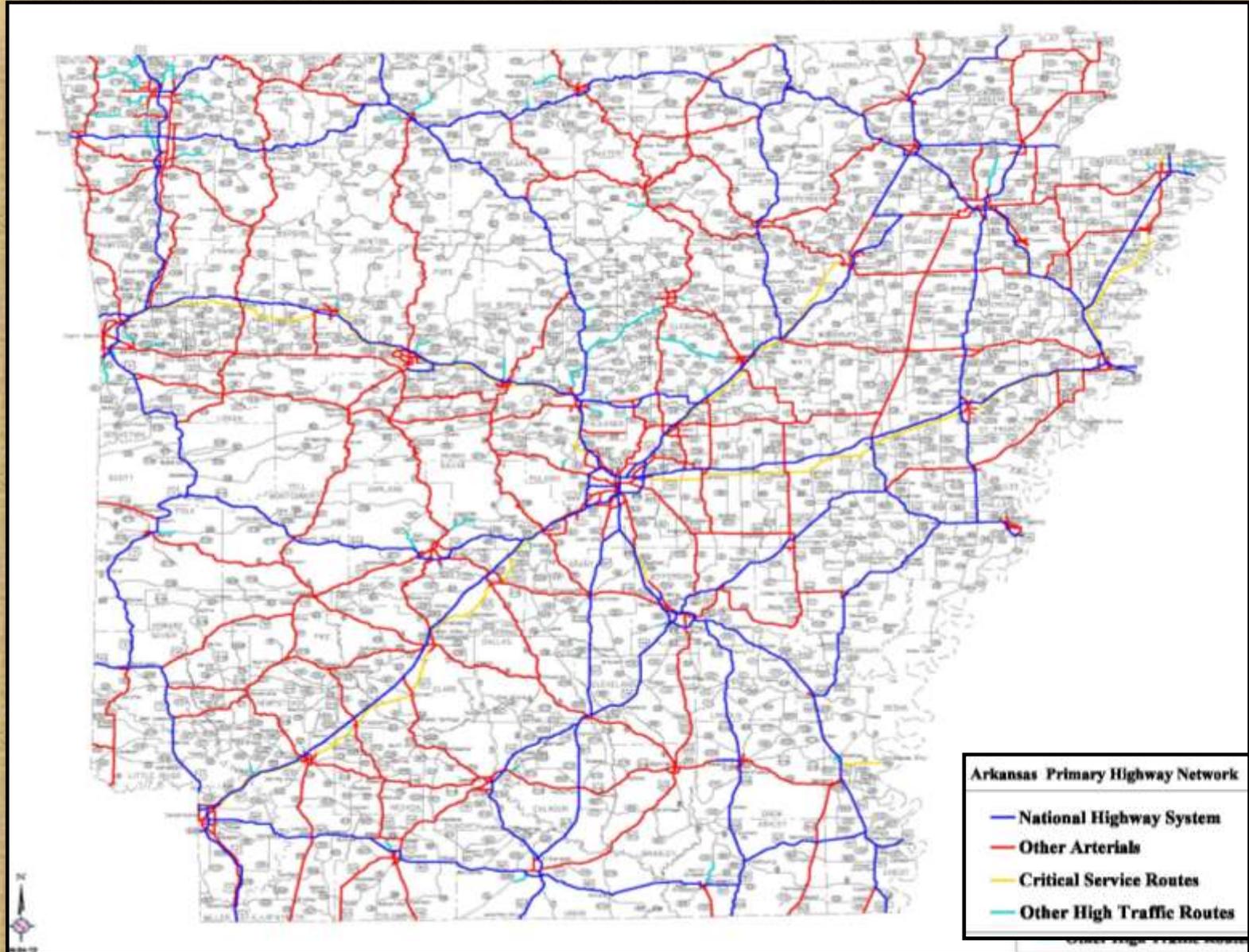
State Highway Systems

| State | Mileage |
|-----------------|---------------|
| Arkansas | 16,416 |
| Illinois | 16,161 |
| California | 15,225 |
| New York | 15,033 |
| Tennessee | 13,793 |
| Florida | 12,084 |

Arkansas Highway System



Arkansas Primary Highway Network



4-Lane Grid System





Challenges

➤ **12th** largest system in the country

➤ **44th** in highway revenue per mile.

➤ **\$20.4 billion** in needs

➤ **\$3.6 billion** in available revenue



Improvements vs. Revenues

10 Year Projection

| (x \$1 million) (Revenue and Needs are in 2014 Dollars) | | |
|--|---------------|-----------------|
| ESTIMATED FEDERAL-AID AND STATE REVENUE | \$ | 3,555 |
| NEEDS | | |
| | AMOUNT | |
| PAVEMENT | \$ | 3,060 |
| BRIDGES | \$ | 1,102 |
| CAPACITY | \$ | 2,880 |
| SAFETY | \$ | 700 |
| EQUIPMENT | \$ | 180 |
| FACILITIES | \$ | 62 |
| ITS | \$ | 27 |
| SUB-TOTAL | \$ | 8,011 |
| CAPITAL IMPROVEMENT | | |
| | AMOUNT | |
| FOUR LANE GRID SYSTEM | \$ | 11,300 |
| NEW LOCATION / NEW OR MODIFIED INTERCHANGES | \$ | 820 |
| OTHER MAJOR WIDENING | \$ | 230 |
| SUB-TOTAL | \$ | 12,350 |
| GRAND TOTAL | \$ | 20,361 |
| SHORTFALL | \$ | (16,806) |



Per Gallon Tax is **primary funding source** for highways

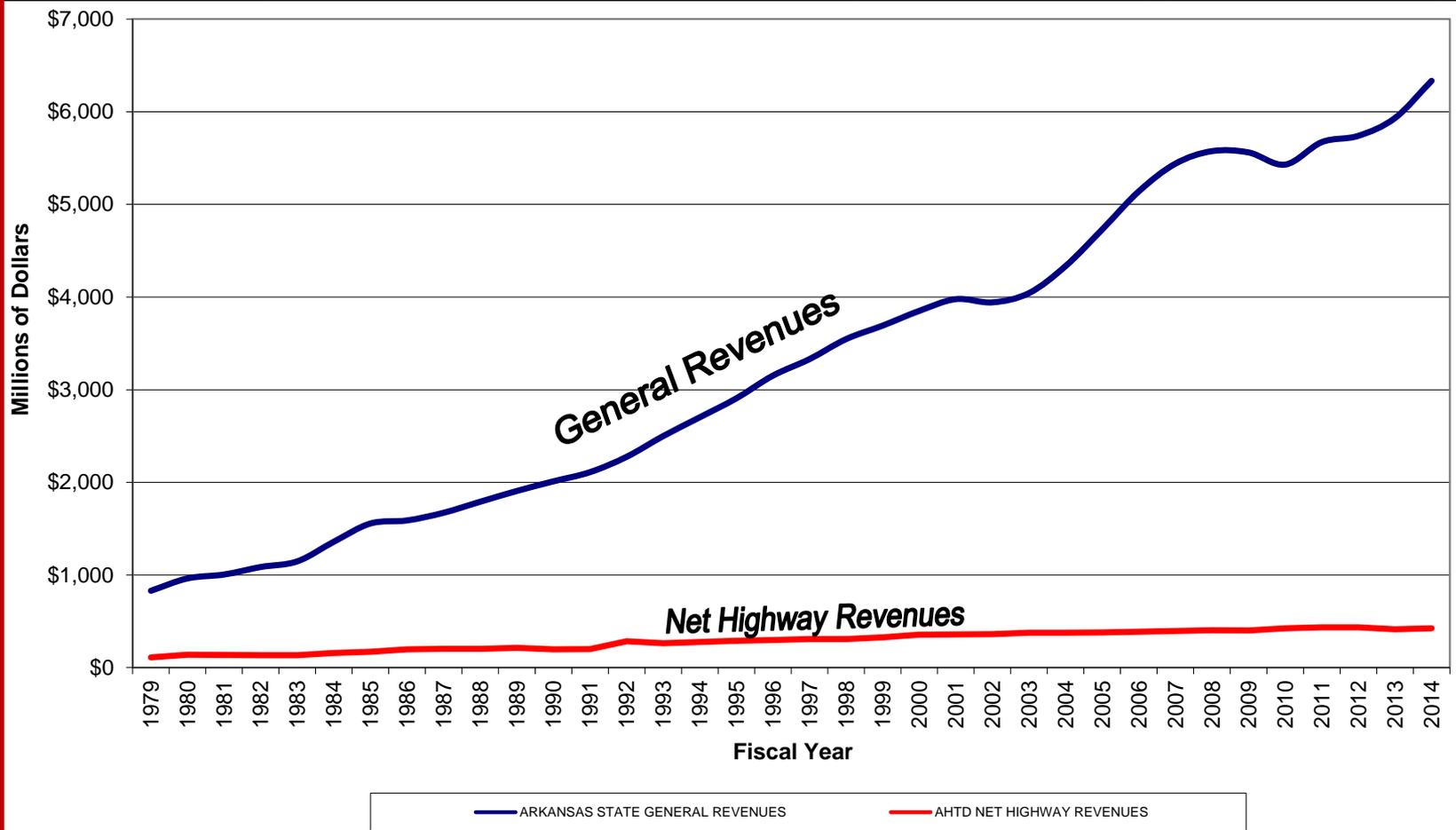
Fuel Consumption



Highway Revenue from Fuel



State General Revenues vs. AHTD Net Highway Revenues



Excludes County & City aid funds
Prepared by: Transportation Planning and Policy, 8/15/2014



A vertical stack of US dollar bills, including \$100 and \$20 bills, is visible on the left side of the slide.

Current Hwy. Funding Sources

State

Per-Gallon Motor Fuel Taxes
Vehicle Registration Fees
License/Permit/Inspection Fees
Severance Taxes
Temporary Sales Tax Increase





Arkansas Travel Trends

2007-2014

| | 2007 | 2014 | Difference |
|-------------------------------------|---------------|---------------|--|
| Gas & diesel Consumption | 2.095 billion | 1.980 billion |  115 million |
| Gas & diesel Revenue | \$454 million | \$392 million |  \$62 million |
| Miles Traveled | 32.4 billion | 33.8 billion |  1.4 billion |

Current Highway Funding Sources

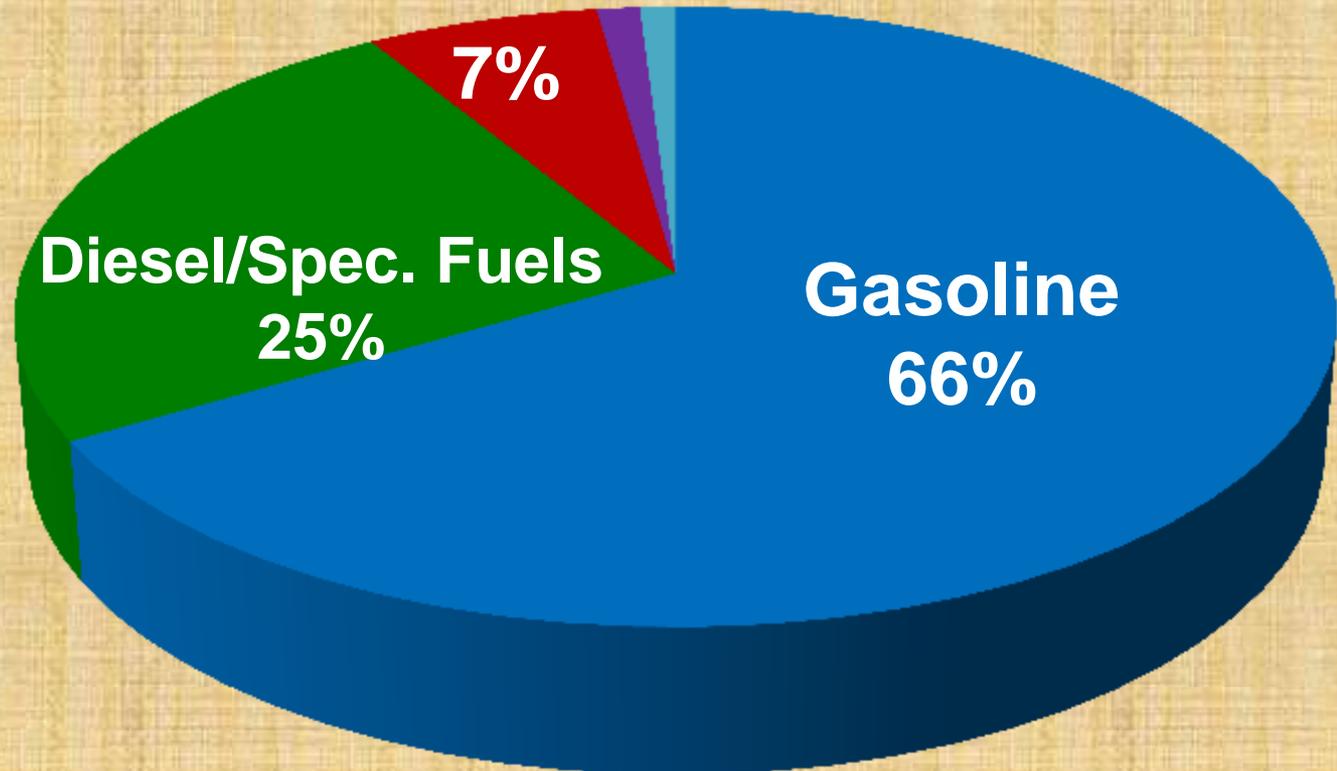
Federal

Per-Gallon Motor Fuel Tax – 91%

Truck/Bus/Trailer
7%

Tires
1.0%

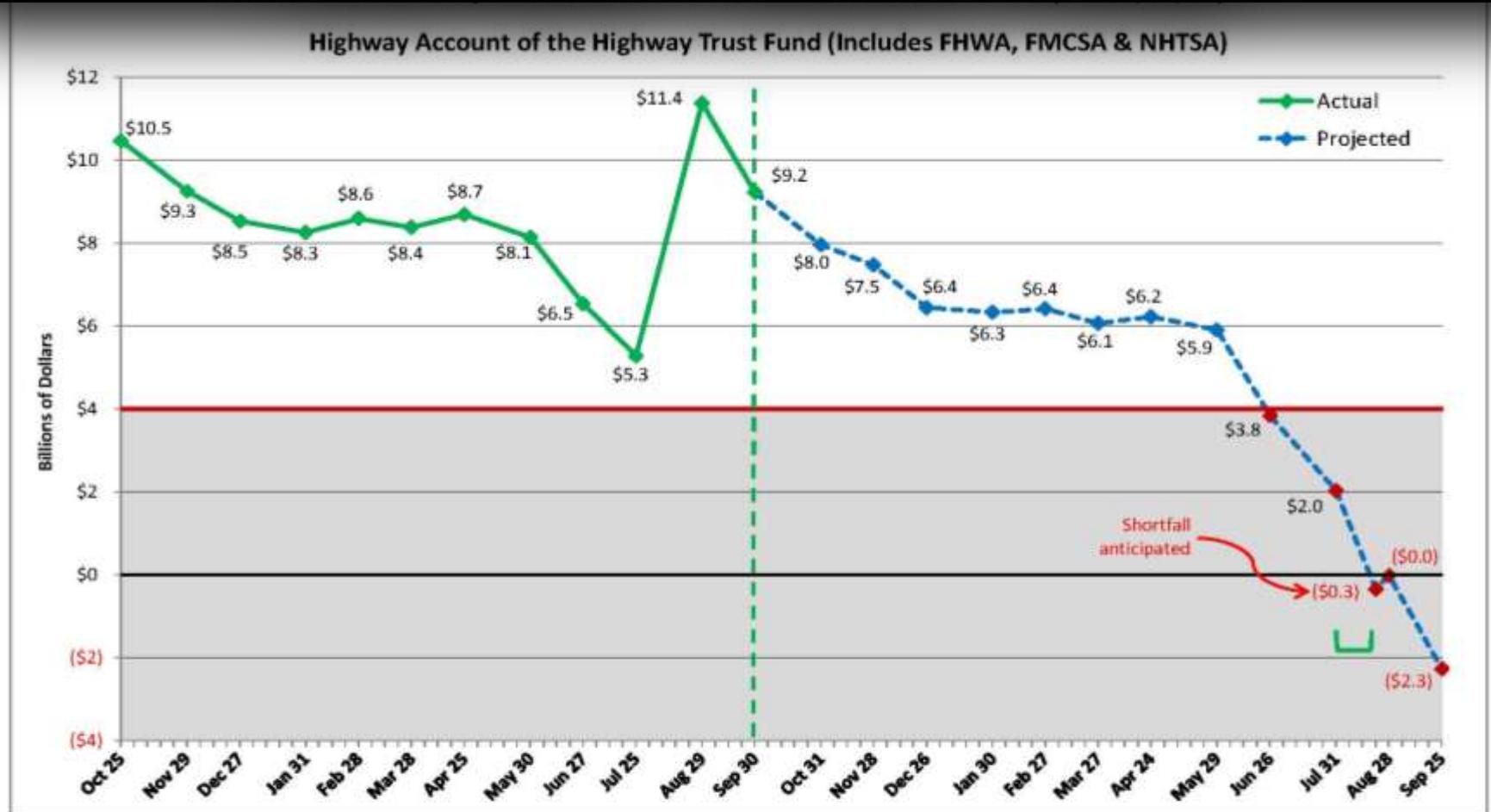
Heavy Vehicle Tax
0.1%





McCoy ©
GARY MCCOY ORG 11/2008
CAGLECARTOONS.COM

HIGHWAY TRUST FUND



1/ Graph reflects actual data through 9/30/14 and end-of-month projections for FY 2015.

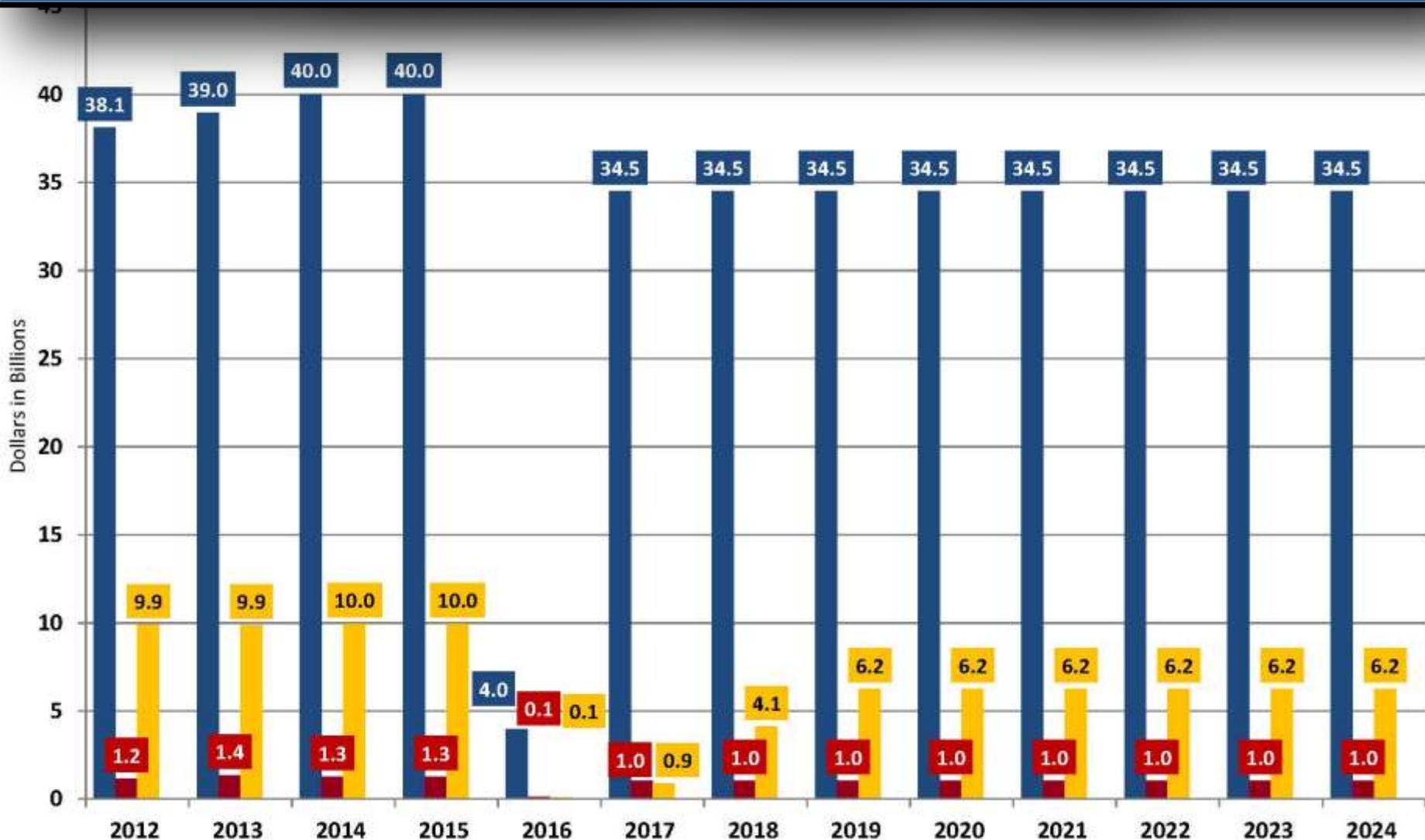
2/ Total receipt and outlay projections are based on FY 2015 Mid-Session Review assumptions. Projected monthly receipt and outlay rates are based on historic averages.

3/ Range of anticipated shortfall: Green brackets denote the estimated window of when the anticipated shortfall will occur.

4/ The shaded area represents when the Highway Account balance drops below \$4 billion, at which point cash management procedures may become necessary.

Source: FHWA

HIGHWAY TRUST FUND



This scenario assumes: 1. Additional deposit of \$6.429 billion into Highway Trust Fund in FY 2015 (\$5.414 billion to Highway Account; \$1.015 billion to Mass Transit Account); 2. Minimum prudence balance of \$4 billion for Highway Account and \$1 billion for Mass Transit Account maintained in all years, and; 3. Highway-to-Transit flex and highway safety obligations suspended in FY 2015.

HIGHWAY TRUST FUND

January “No Go” List



| District | County | Route | Job Name | Estimate |
|----------|----------------|-------|---|---------------------|
| 1 | Lee & Phillips | 1 | Walnut Corner – Cypress Corner (Widening) | \$25,000,000 |
| 4 | Crawford | 220 | Lee Creek-East (Surfacing) | \$5,000,000 |
| 4 | Franklin | CR 72 | Cedar Creek Str. & Apprs. | \$500,000 |
| | | | Total | \$30,500,000 |

HIGHWAY TRUST FUND

March “No Go” List



| District | County | Route | Job Name | Estimate |
|----------|------------|-------|--|---------------------|
| 2 | Chicot | 144 | Hwy. 144 Strs. & Apprs. | \$2,000,000 |
| 4 | Washington | 112 | Razorback Rd.-Garland Ave. (Widening) | \$2,500,000 |
| 5 | Cleburne | 25 | Hwy. 25 Spur-Locust Grove (Passing Lanes) | \$5,000,000 |
| 9 | Carroll | 62 | Co. Rd. 704-West of Hwy. 103 South (Widening) | \$17,000,000 |
| 7 | Bradley | CR 2 | Co. Rd. 4-Co. Rd. 134 (Surfacing) | \$1,000,000 |
| | | | Total | \$27,500,000 |

Impacts to Arkansas

January Letting

3 Projects Removed

\$30.5 million

March Letting

5 Projects Removed

\$27.5 million



**POTENTIAL
RISK**

FFY 2015

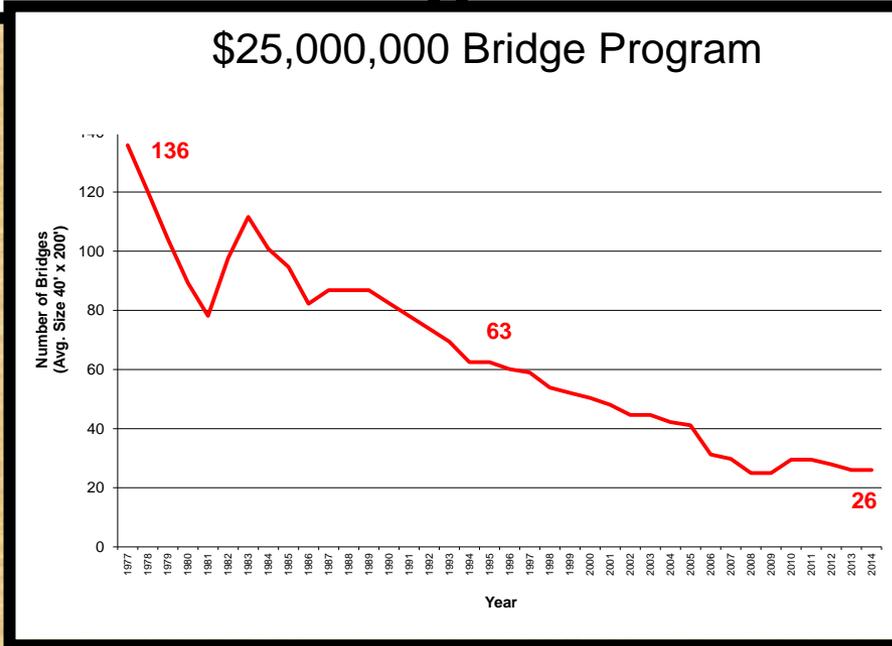
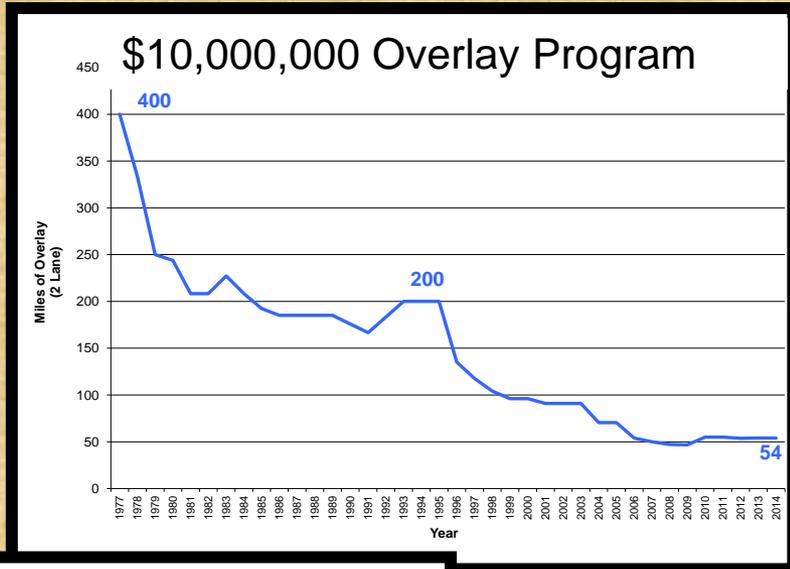
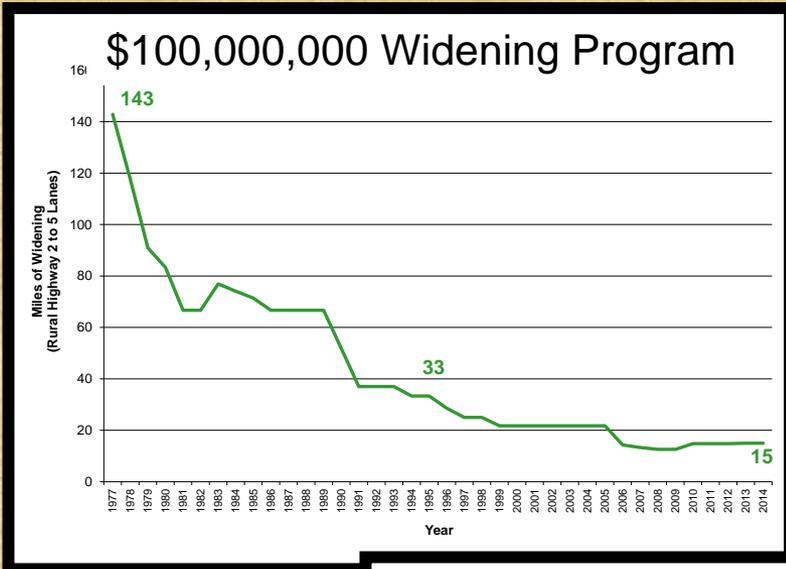
120 Projects
\$490 Million

FFY 2016

130 Projects
\$520 Million



Challenges



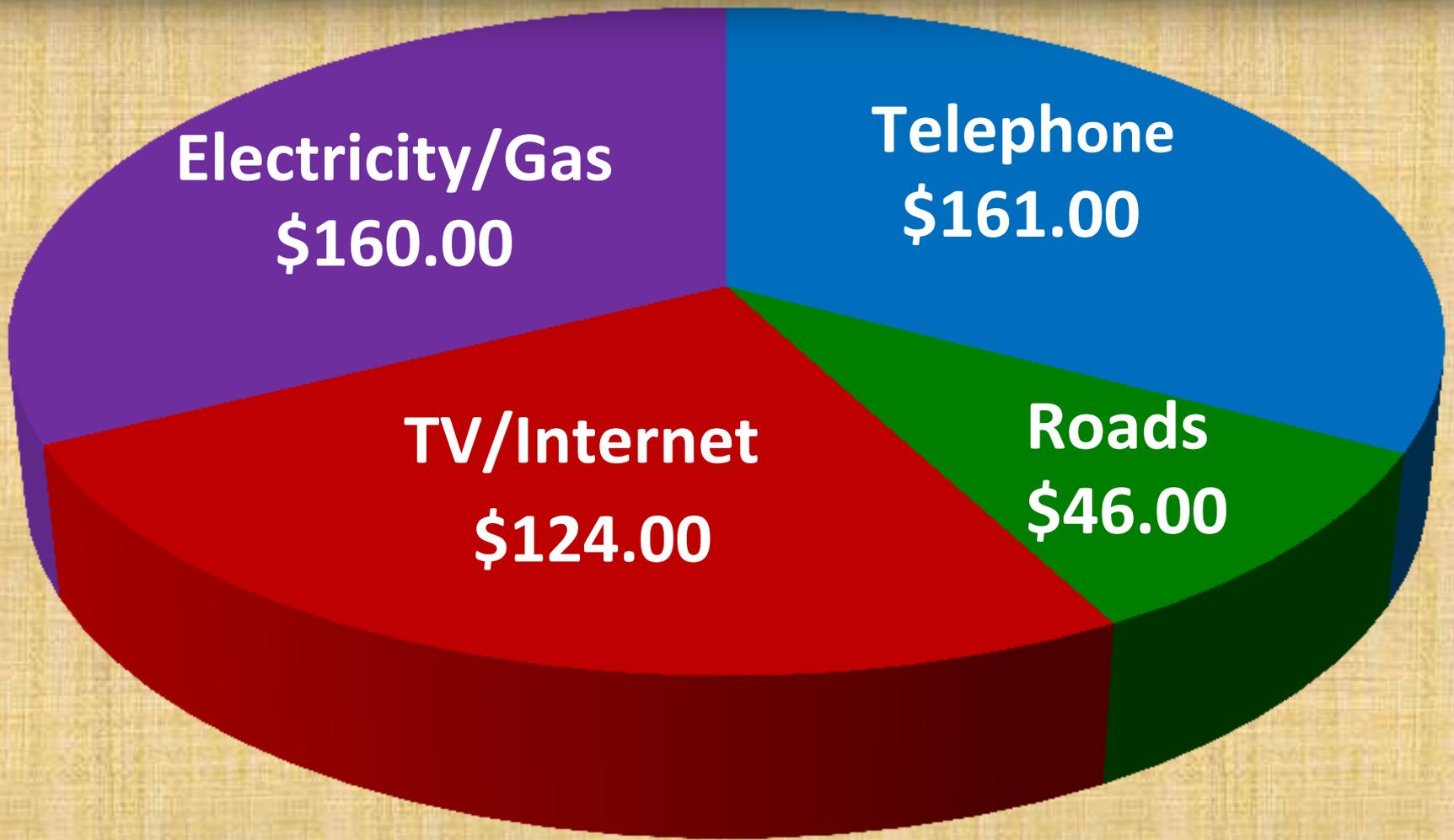
Loss of Purchasing Power

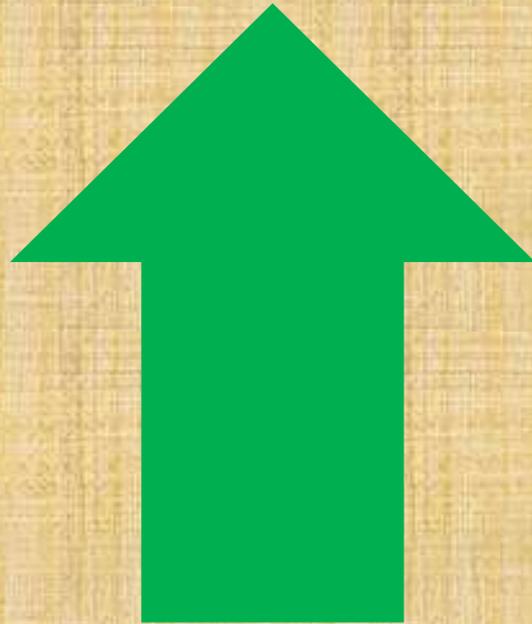
| Item | Description | 1993 | 2010 | Variance |
|---------|-----------------------|-----------|-----------|----------|
| Tuition | Tuition/Fees | \$3,517 | \$9,136 | 160% |
| Gas | Per Gallon | \$1.12 | \$2.73 | 144% |
| Movie | Avg. Ticket | \$4.14 | \$7.89 | 91% |
| House | Median Price | \$126,500 | \$221,800 | 75% |
| Bread | Per Pound | \$1.08 | \$1.76 | 62% |
| Income | Median Household | \$31,272 | \$49,167 | 57% |
| Stamp | 1 st Class | .29¢ | .44¢ | 52% |
| Beef | Per Pound | \$1.57 | \$2.28 | 46% |
| Car | Avg. New Car | \$19,200 | \$26,850 | 40% |

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| Fed Gas Tax | Per Gallon | 0.184 | 0.184 | 0% |

Average Monthly Household *Expenditures*





Cost

Revenue





Cost

How do you fill the gap?

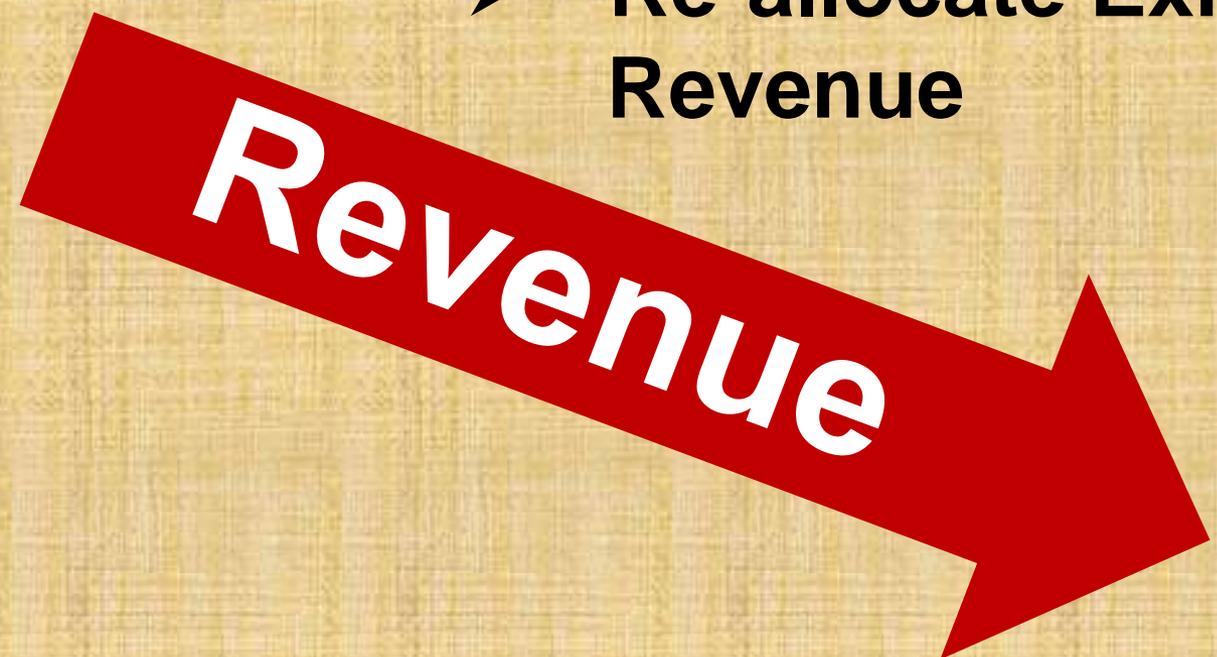


Revenue



Cost

- **Raise Taxes**
- **Re-allocate Existing Revenue**



Revenue



Blue Ribbon
Committee
on Highway Finance
BlueRibbonHighways.com

FINAL REPORT

December 1, 2010

Presented to:

The Honorable Mike Beebe, Governor
House Interim Committee on Public Transportation
Senate Interim Committee on Transportation, Technology and Legislative Affairs
House Interim Committee on Revenue and Taxation
Senate Interim Committee on Revenue and Taxation
Arkansas Legislative Council
Arkansas State Highway Commission
Association of Arkansas Counties
Arkansas Municipal League





“....70% of our highway, road and street funding comes from a consumption based tax, while it is a national goal to reduce consumption. The trend... is simply a losing proposition.

We're moving backward.”





Revenue Proposals



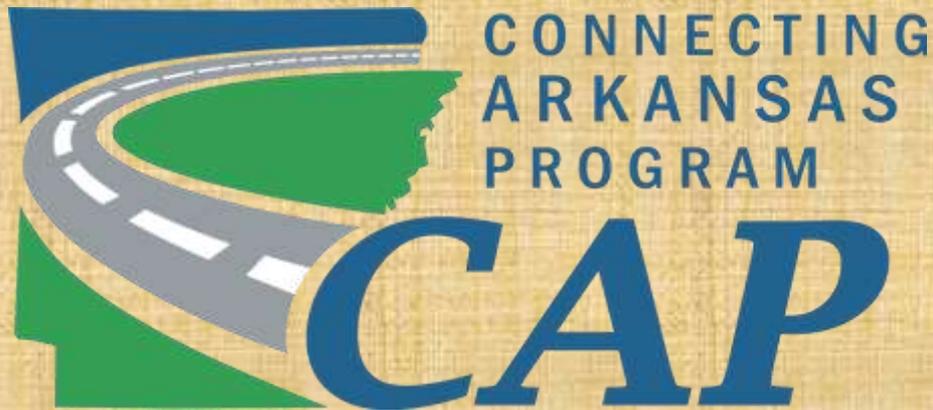
- ✓ Reissue LE Bonds for a New Interstate Rehabilitation Program **APPROVED**
- ✓ Temporary One-Half Cent General Sales Tax to Fund a Multi-Year Construction Program **APPROVED**
- ✓ State Program for Cities **APPROVED**
- Transfer Sales Tax on New and Used Vehicles, Auto Repair Parts and Services, Tires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



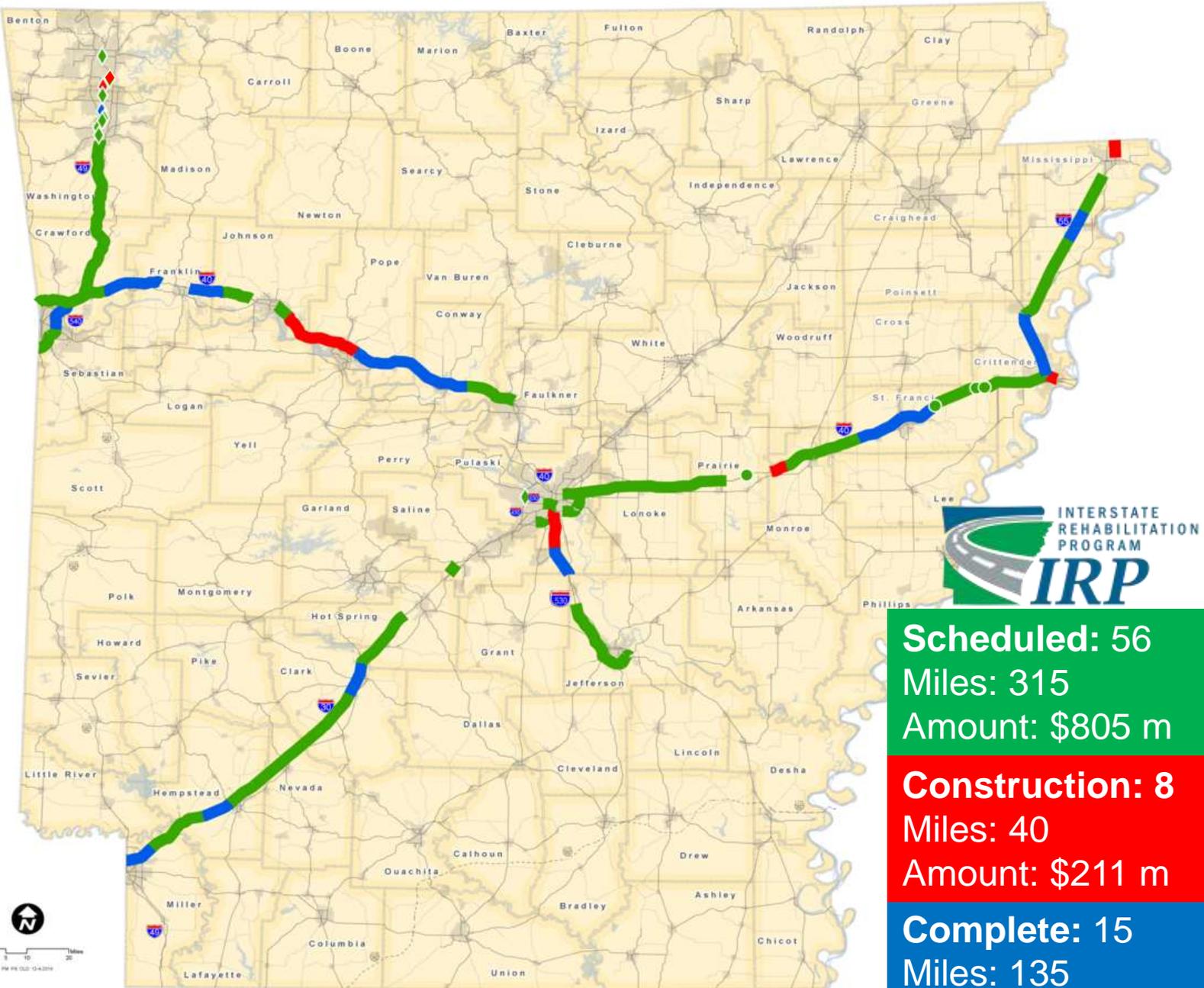
2011



2012



Interstate Rehabilitation Program

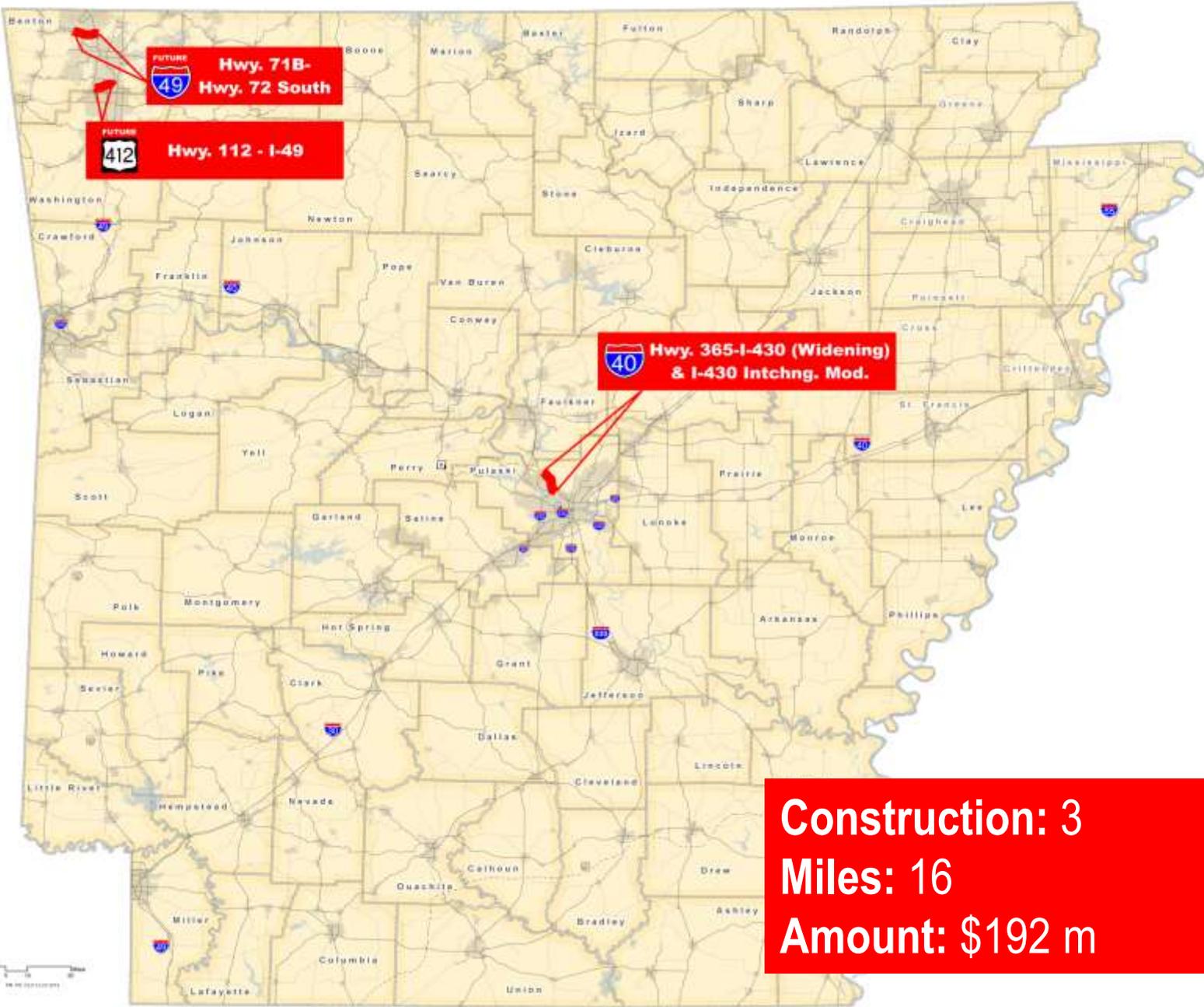


Scheduled: 56
Miles: 315
Amount: \$805 m

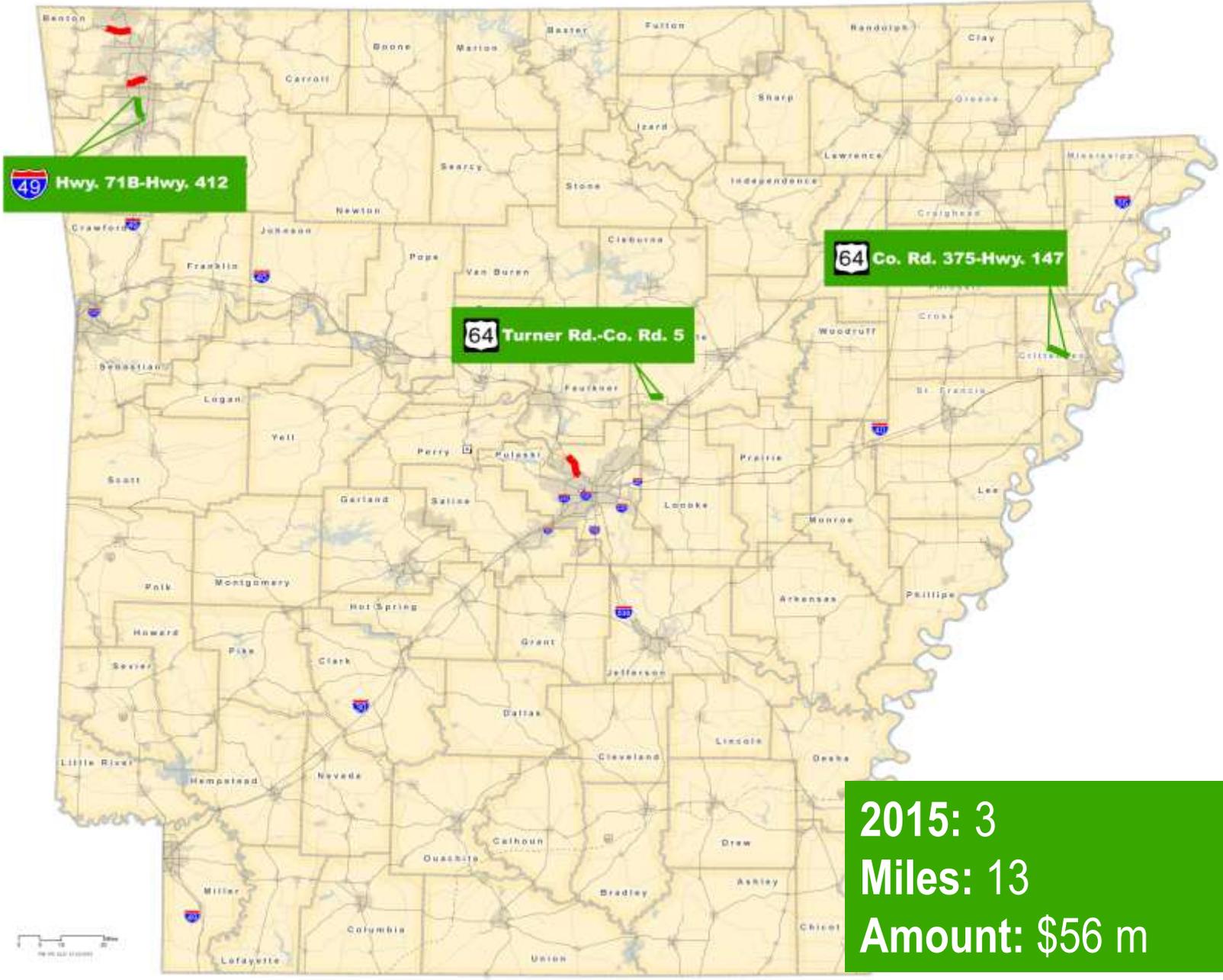
Construction: 8
Miles: 40
Amount: \$211 m

Complete: 15
Miles: 135
Amount: \$268 m

Connecting Arkansas Program

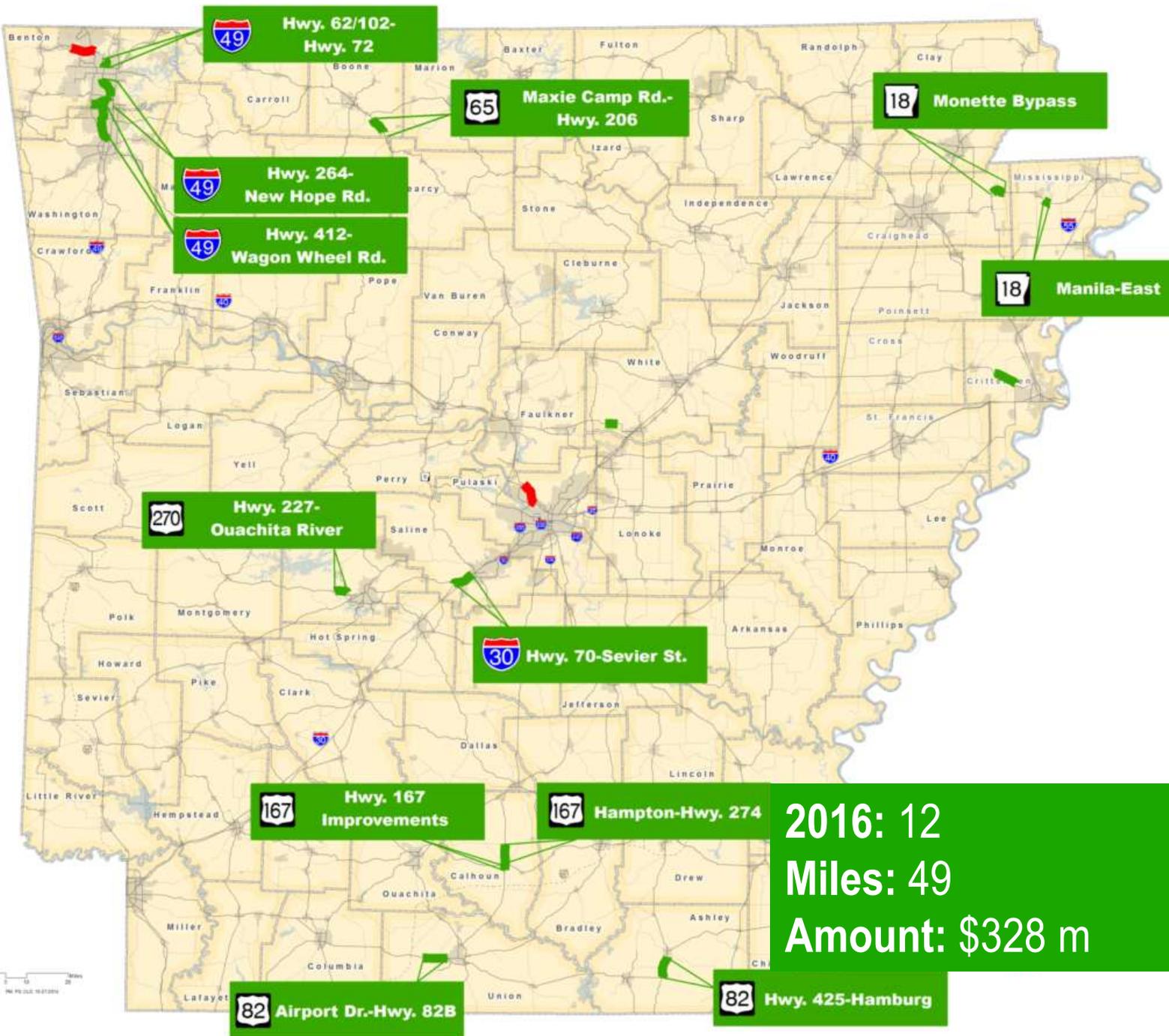


Connecting Arkansas Program



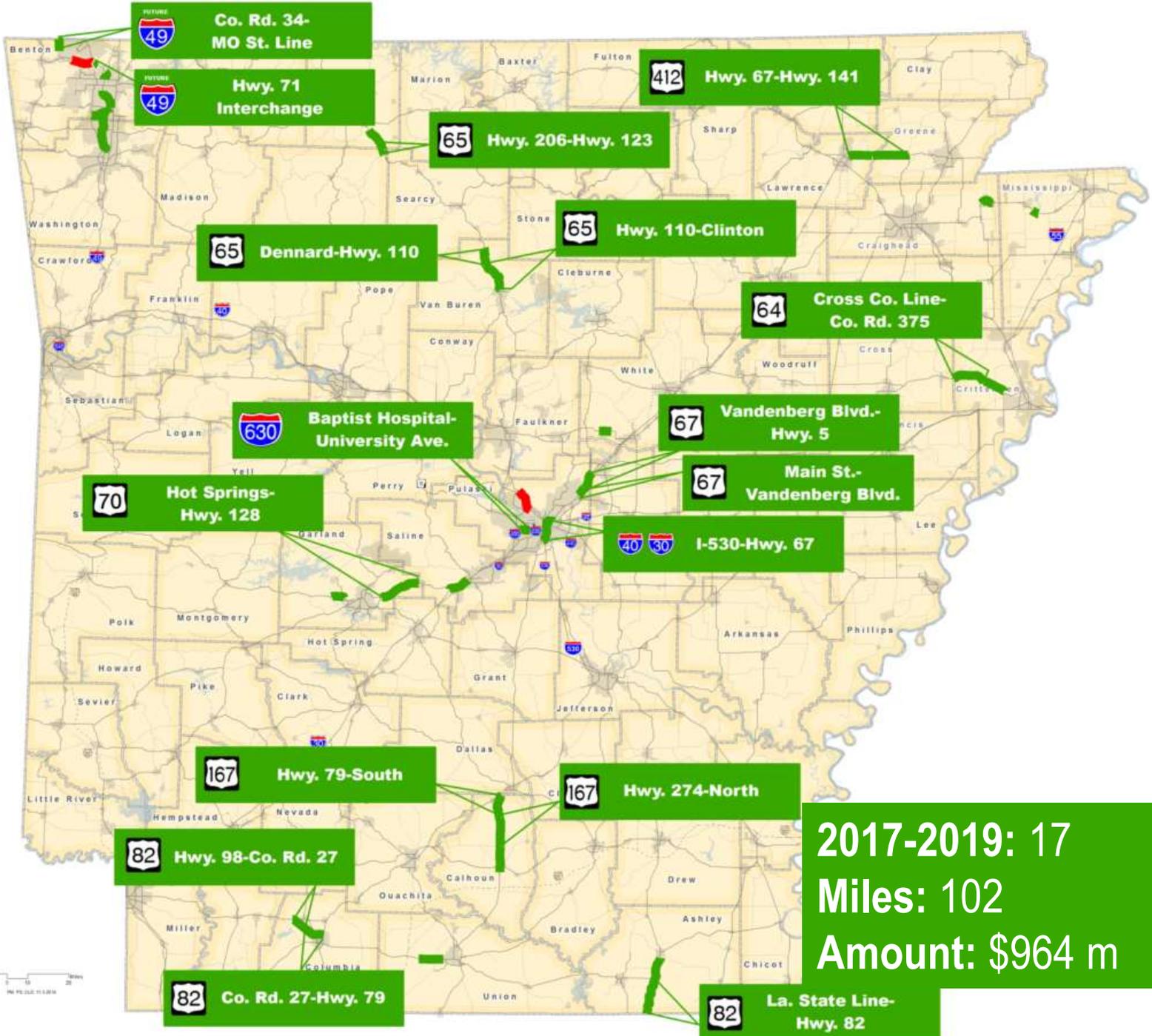
**2015: 3
Miles: 13
Amount: \$56 m**

Connecting Arkansas Program



**2016: 12
Miles: 49
Amount: \$328 m**

Connecting Arkansas Program



2017-2019: 17
Miles: 102
Amount: \$964 m

Needs vs. *Revenue*



+



Total = 630 miles

3.8%

Revenue Proposals

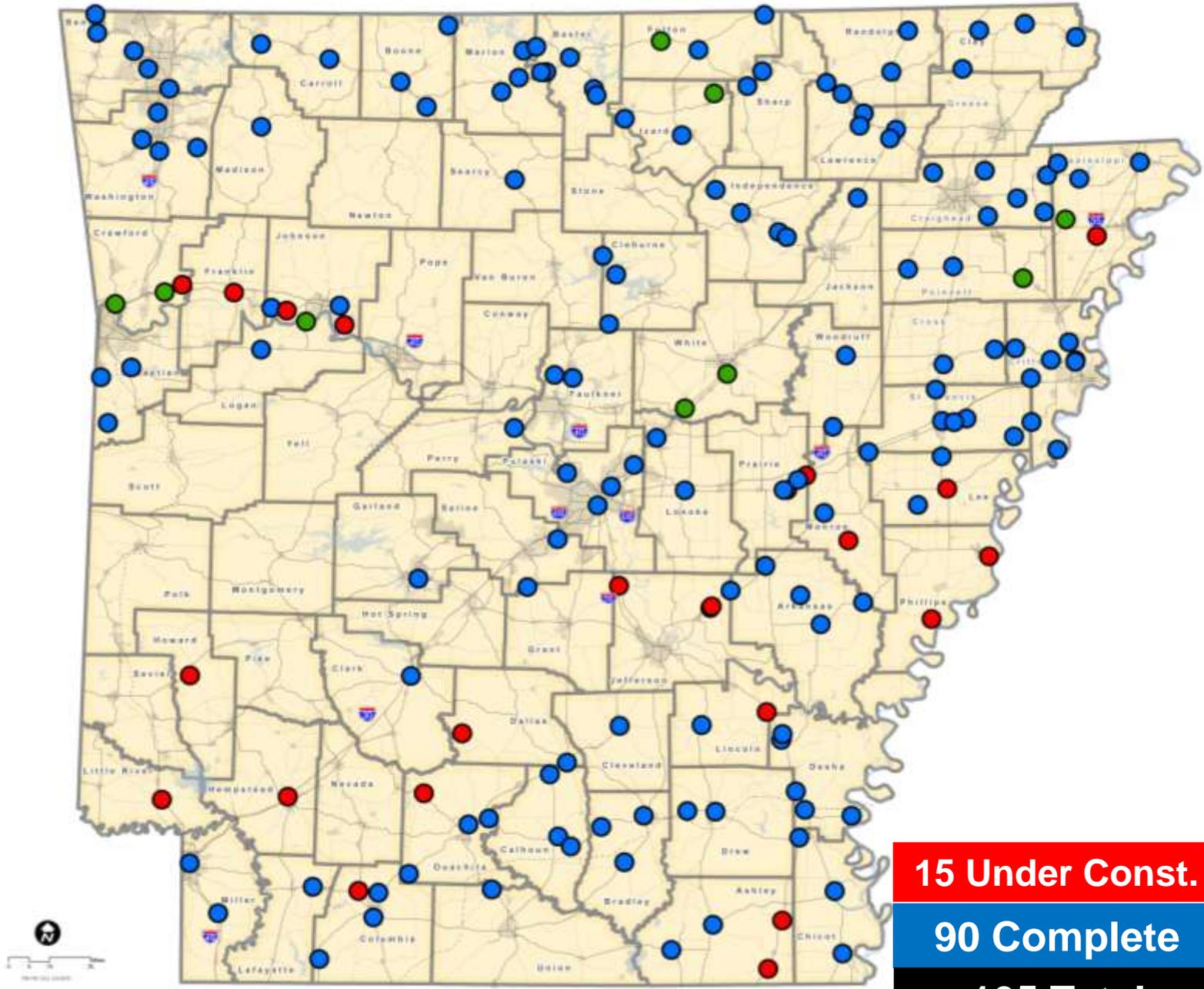


BlueRibbon
Committee
on Highway Finance
BlueRibbonHighways.com

State Aid Program for Cities

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

State Aid Street Program



15 Under Const.
90 Complete
105 Total

Pulaski County Construction

| Projects | Miles | Cost |
|--------------------------|------------|----------------------|
| Complete (Last 10 Years) | 151 | \$489 million |
| Under Construction | 30 | \$386 million |
| Programmed | 68 | \$1.1 billion |
| Total | 249 | \$1.1 billion |





Broadway Bridge



- **25,000 Vehicles Daily**
- **Deteriorating Rapidly**
- **Deficient & Obsolete**



Broadway Bridge



- **Superstructure Facts**
 - ✓ Double Basket Handle Network Tied Arch
 - ✓ Pulaski Co. contributes \$20 million for addition of Double Arch
 - ✓ 2 – 448 Foot Spans
 - ✓ Arches Rise 100 Feet Above Roadway Surface



Broadway Bridge



➤ **Navigational Clearance**

- ✓ **Vertical Clearance: 62.4 Feet**
- ✓ **Horizontal Clearance: 396 Feet**
- ✓ **Substructure Designed for Barge Collision**



Broadway Bridge



➤ **Travel Area**

- ✓ 4 – 11 Ft. Lanes, 4 Ft. Shoulders, 52 Ft. Clear Roadway
- ✓ 16 Ft. Shared Use Path
- ✓ Out-to-Out Width = 73 Feet



Broadway Bridge



➤ **Dickey Stephens Ballpark Access**



Broadway Bridge



➤ **Construction**

- ✓ **Massman Construction was awarded contract**
- ✓ **Low Bid Amount: \$98.4 million**
- ✓ **Bridge closed for 6 months, beginning Spring 2016**



Broadway Bridge



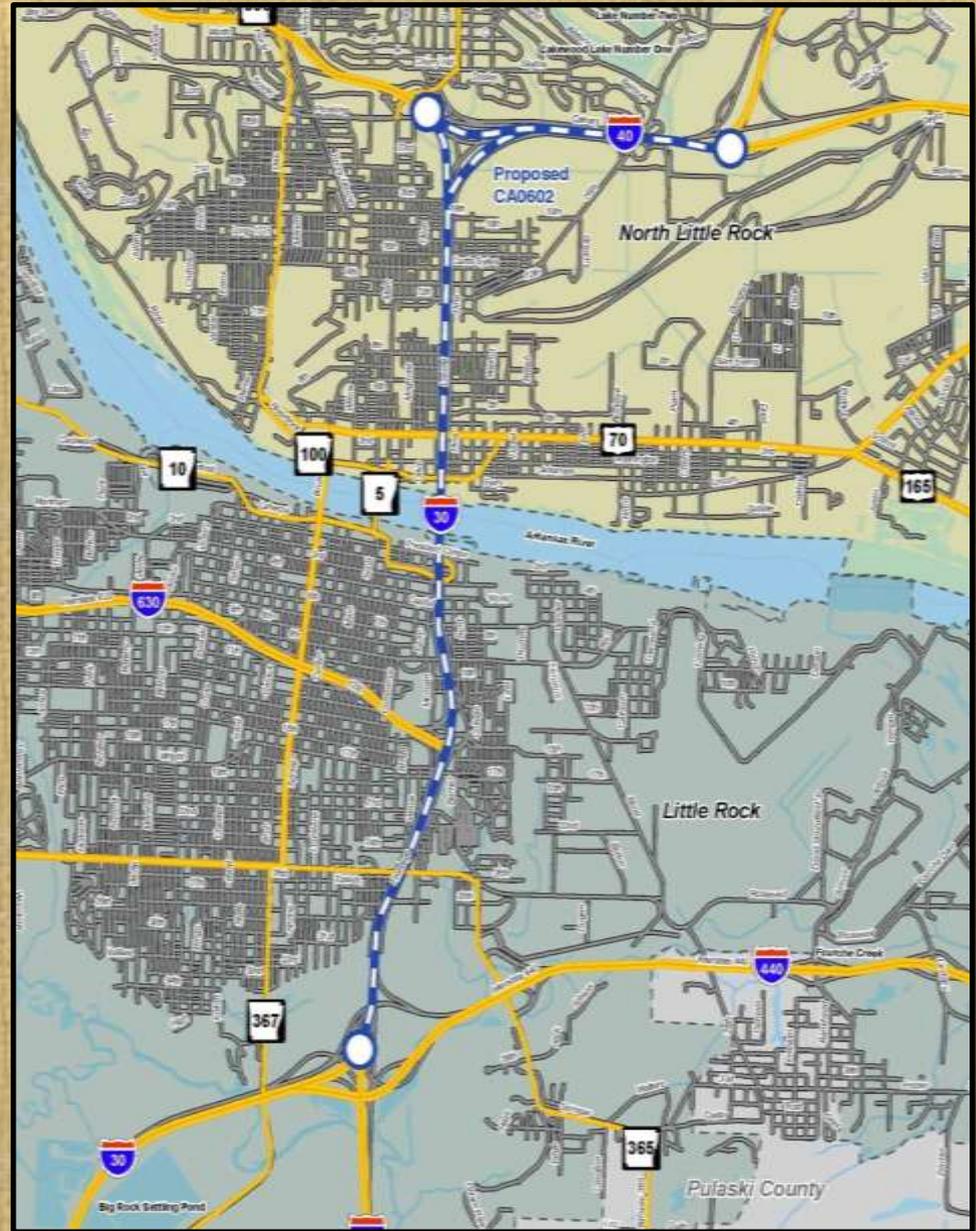
➤ **Construction Schedule:**

- ✓ River foundations and Pedestrian Ramps: Spring 2015
- ✓ Arch Steel Delivery & Erected on Barges : Jan-Aug 2016
- ✓ Bridge Closure: June 2016 – November 2016
- ✓ **Project Complete: Early 2017**



I-530 to Hwy. 67

- This project proposes to widen, reconstruct, and rehabilitate portions of Interstates 30 and 40, including the Arkansas River Bridge
- Currently finalizing the Planning and Environmental Linkages (PEL) Study – efficient process of identifying, evaluating, and selecting recommended/preferred transportation improvements
- Next Public Meeting is anticipated to be April 16 at Mann Middle School in Little Rock
- Scheduled Bid: Early 2018





@AHTD

Litter Hotline 866-811-1222

