

Arkansas State Highway and Transportation Department



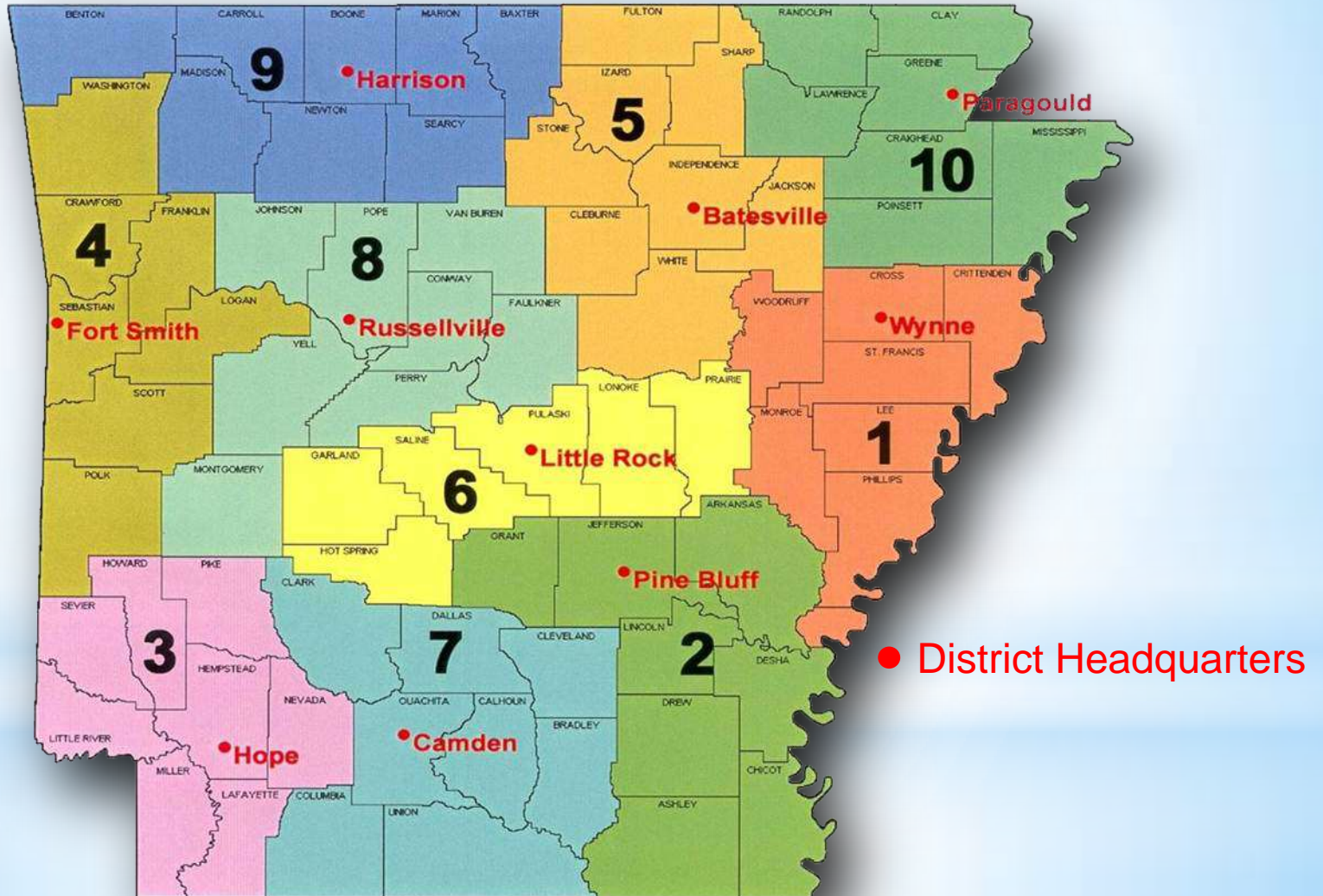
Randolph County Chamber of Commerce
October 19, 2015

AHTD *Quick Facts*

- 3rd Largest State Agency (3,634 employees)
- Maintain 16,418 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



Other Programs & Activities

- State Aid Programs for Cities and Counties
- Game & Fish Roads
- State Park Roads
- Institutional Roads
- Airport Access Roads
- Arkansas Recreational Trails
- Public Transportation Programs
- Transportation Alternatives Program



Other Programs & Activities

- Arkansas Commercial Truck Safety and Education Program
- Adopt-A-Highway Program
- Litter Hotline
- Research Grants to State Universities
- Wildflower Program
- Historic Bridge Program
- Welcome Centers & Rest Areas
- Scholarships for Engineering Students

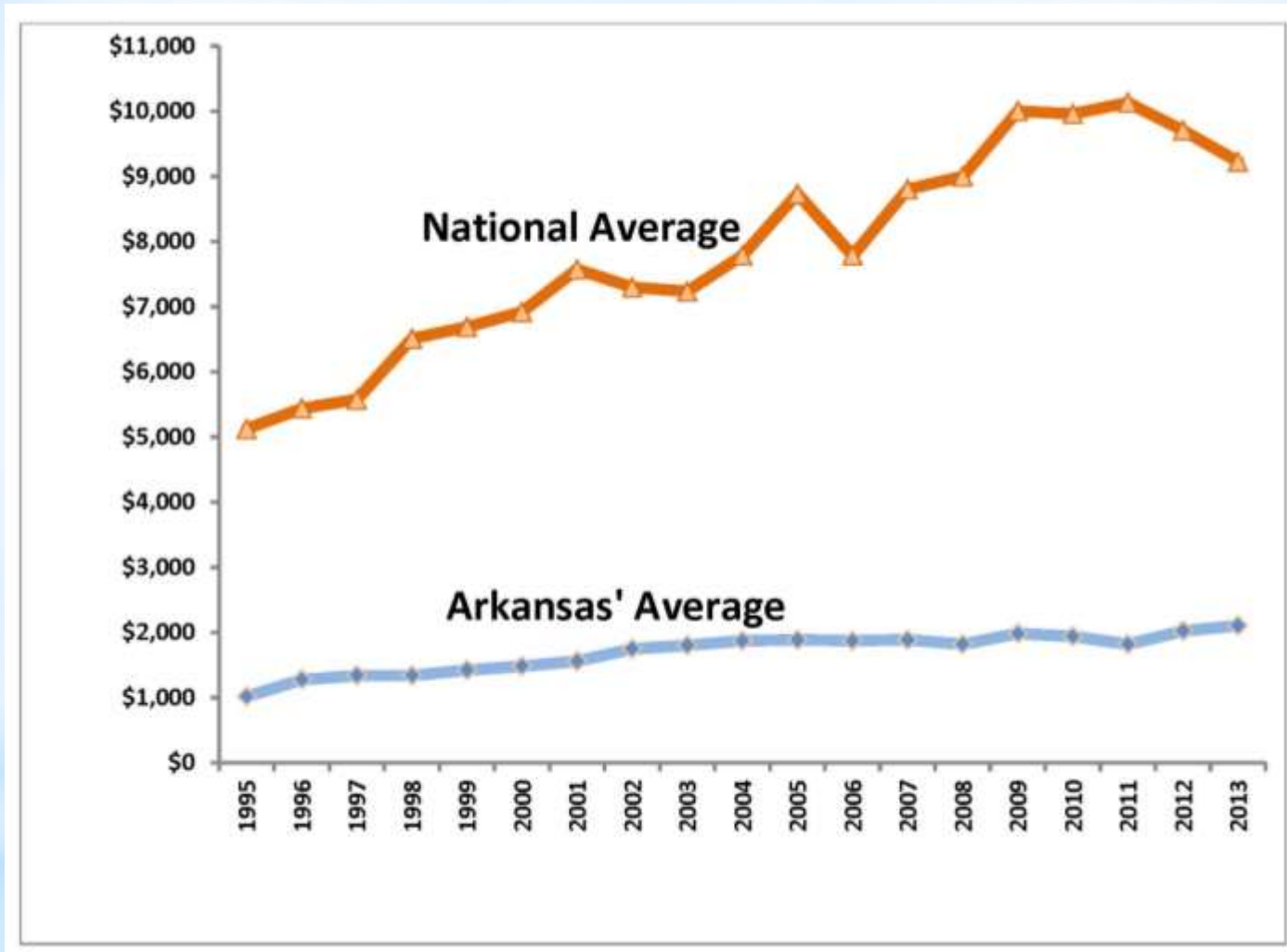


Employment Levels

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



Administrative Costs Per Mile



National Average = \$9,705/mile

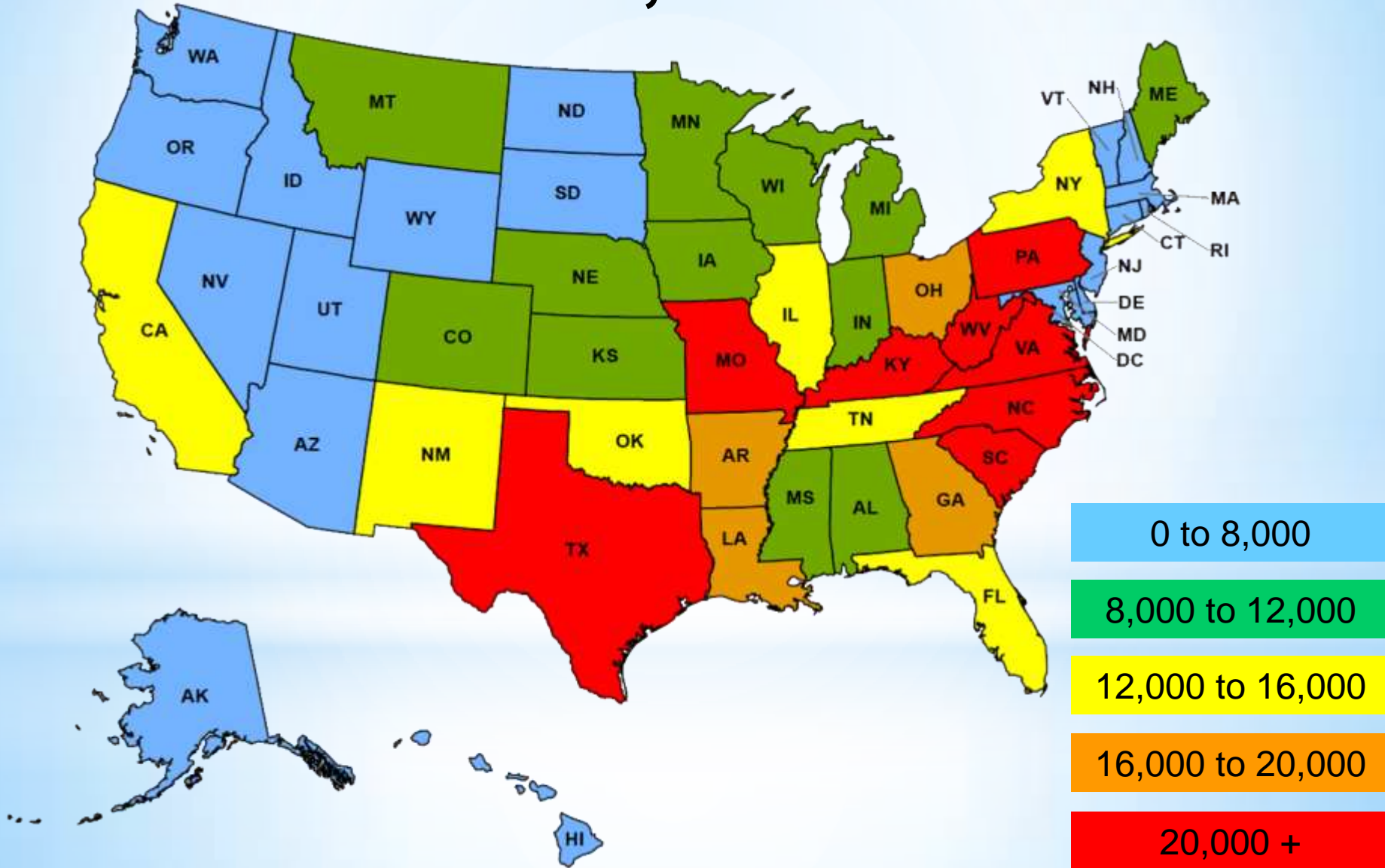
Surrounding States' Average = \$4,905/mile

Arkansas = \$2,024/mile

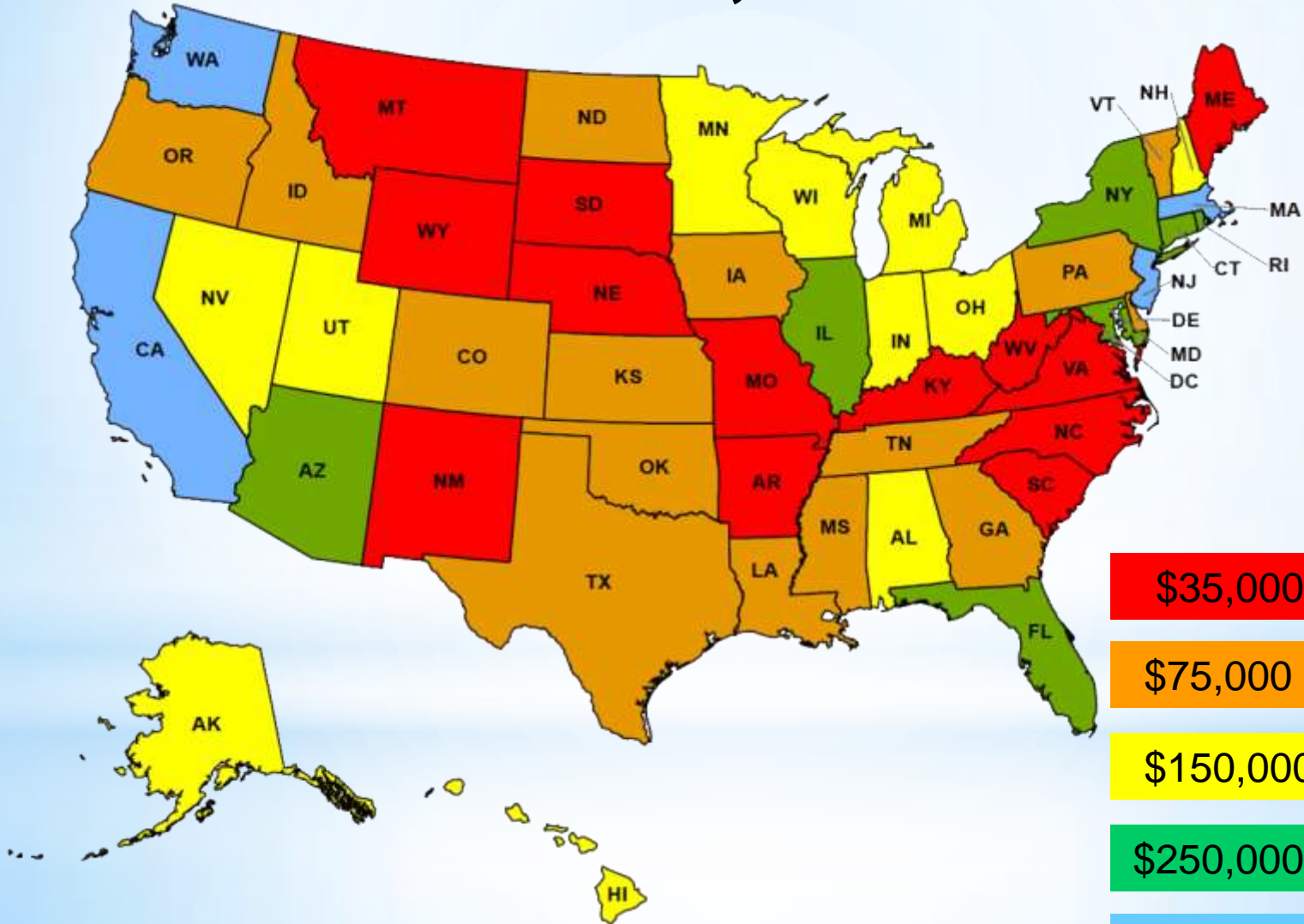
Arkansas' Rank = 48th

12th in the Number of Highway Miles

16,411



40th in Revenue per Mile \$70,525



\$35,000 to \$75,000

\$75,000 to \$150,000

\$150,000 to \$250,000

\$250,000 to \$500,000

\$500,000 +

How We Compare

State	Centerline Miles	% Difference
TX	80,323	389%
MO	33,887	106%
LA	16,689	2%
AR	16,411	
IL	15,986	(3%)
CA	15,104	(8%)
NY	15,034	(8%)
TN	13,899	(15%)
OK	12,265	(25%)
FL	12,099	(26%)
MS	10,899	(34%)
Arkansas' National Rank	12th	

How We Compare

State	Centerline Miles	Lane Miles	% Diff.	Population	% Diff.
TX	80,323	195,245	409%	26,450,000	794%
MO	33,887	76,277	99%	6,040,000	104%
LA	16,689	39,340	3%	4,630,000	56%
AR	16,411	38,357		2,960,000	
IL	15,986	42,176	10%	12,880,000	335%
CA	15,104	51,326	34%	38,330,000	1195%
NY	15,034	38,220	(0.4%)	19,650,000	564%
TN	13,899	37,093	(3%)	6,500,000	120%
OK	12,265	30,354	(21%)	3,850,000	30%
FL	12,099	43,357	13%	19,550,000	561%
MS	10,899	27,875	(27%)	2,990,000	1%
Arkansas' National Rank	12th	15th		32nd	

How We Compare

State	Centerline Miles	Licensed Drivers	% Diff.	Registered Vehicles	% Diff.
TX	80,323	15,450,000	637%	20,171,135	734%
MO	33,887	4,280,000	104%	5,820,656	141%
LA	16,689	3,280,000	56%	3,957,174	64%
AR	16,411	2,100,000		2,417,959	
IL	15,986	8,260,000	294%	10,193,438	322%
CA	15,104	24,390,000	1063%	28,074,977	1061%
NY	15,034	11,210,000	435%	10,674,135	341%
TN	13,899	4,610,000	120%	5,451,933	125%
OK	12,265	2,420,000	15%	3,460,012	43%
FL	12,099	13,670,000	552%	15,131,735	526%
MS	10,899	1,970,000	(6%)	2,073,535	(14%)
Arkansas' National Rank	12th	31st		32nd	

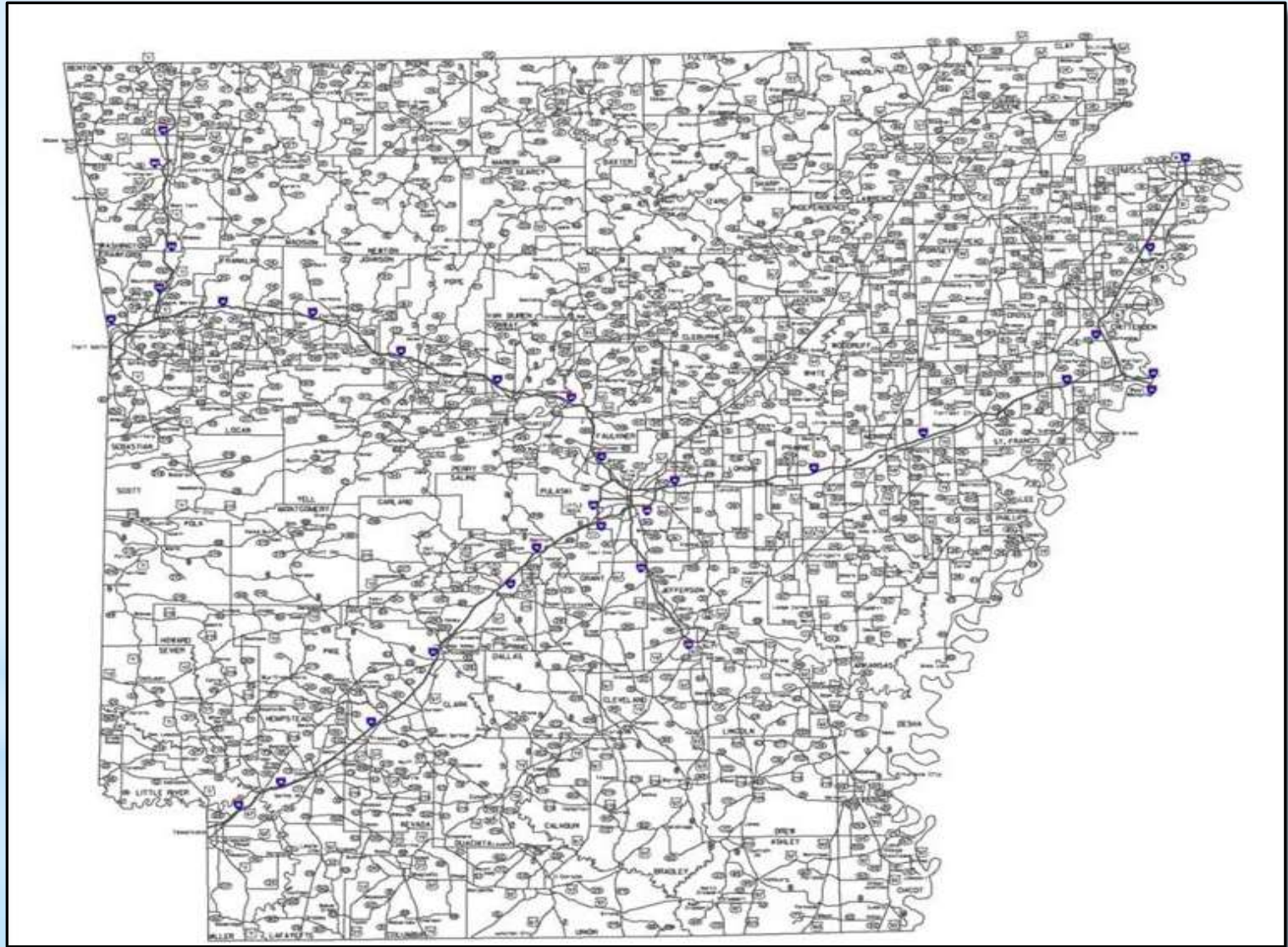
How We Compare

State	Centerline Miles	Daily Vehicle Miles Traveled (x 1,000)	% Diff.	Gasoline Tax Cents/Gallon	% Diff.	Gasoline Consumption (x 1,000 gallons)	% Diff.
TX	80,323	492,008	623%	20.00	(7%)	12,603,426	811%
MO	33,887	128,538	89%	17.00	(21%)	3,026,034	119%
LA	16,689	102,259	50%	20.00	(7%)	2,266,900	64%
AR	16,411	68,087		21.50		1,383,368	
IL	15,986	156,821	130%	19.00	(12%)	4,586,765	232%
CA	15,104	488,423	617%	39.50	84%	14,532,944	951%
NY	15,034	163,099	140%	26.65	24%	5,261,919	280%
TN	13,899	136,146	100%	20.00	(7%)	3,076,570	122%
OK	12,265	67,377	(1%)	17.00	(21%)	1,855,267	34%
FL	12,099	287,830	323%	16.90	(21%)	8,234,404	495%
MS	10,899	63,440	(7%)	18.40	(14%)	1,594,140	15%
Arkansas' National Rank	12th	27th		29th		32nd	

How We Compare

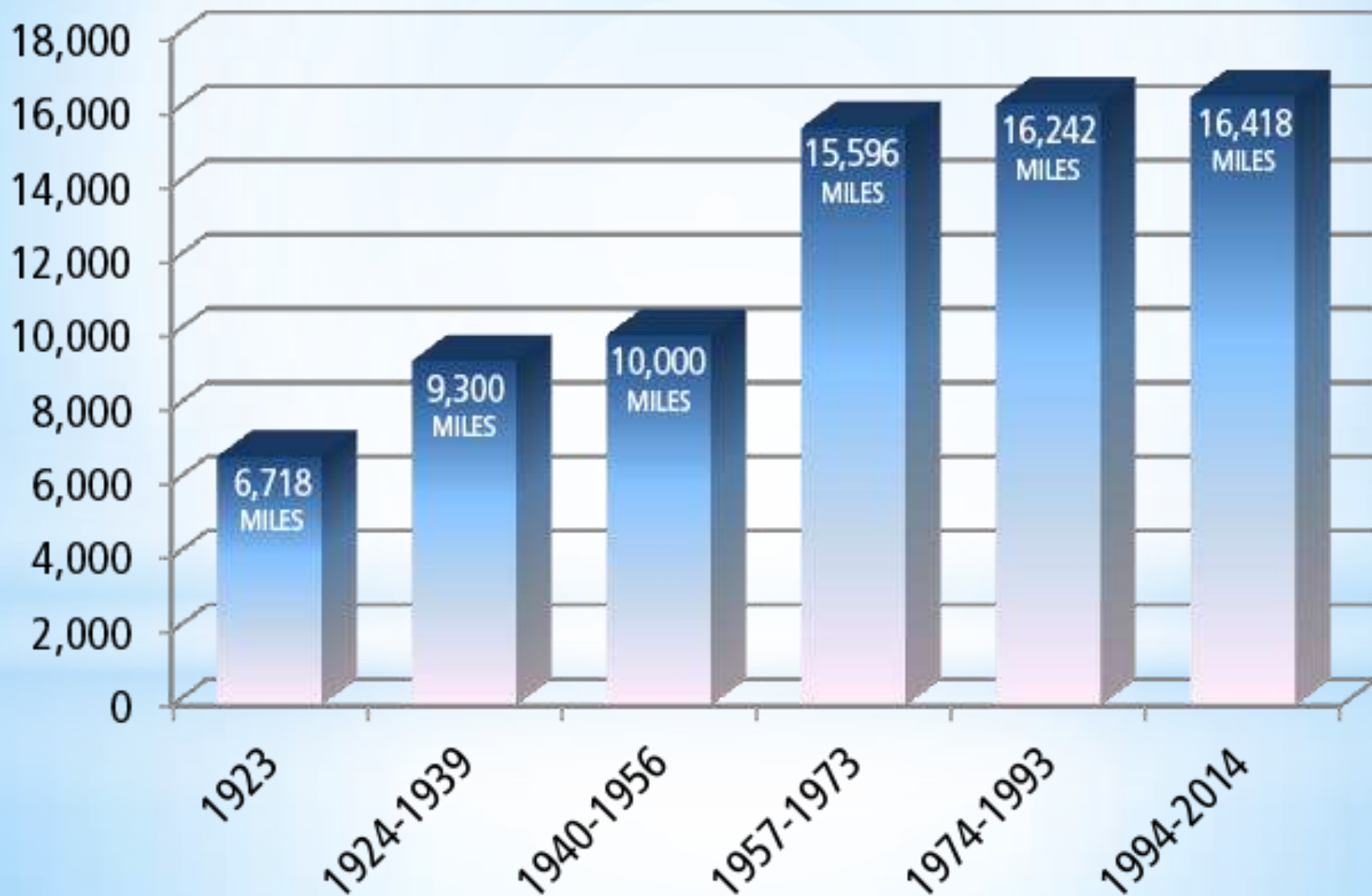
State	Centerline Miles	% Difference	Revenue Per Centerline Mile	% Difference
TX	80,323	389%	\$ 132,345	88%
MO	33,887	106%	\$ 50,624	(28%)
LA	16,689	2%	\$ 144,658	105%
AR	16,411		\$ 70,525	
IL	15,986	(3%)	\$ 252,211	258%
CA	15,104	(8%)	\$ 763,264	982%
NY	15,034	(8%)	\$ 431,581	412%
TN	13,899	(15%)	\$ 101,261	44%
OK	12,265	(25%)	\$ 127,678	81%
FL	12,099	(26%)	\$ 417,620	492%
MS	10,899	(34%)	\$ 98,595	40%
Arkansas' National Rank	12th		40th	

Arkansas Highway System

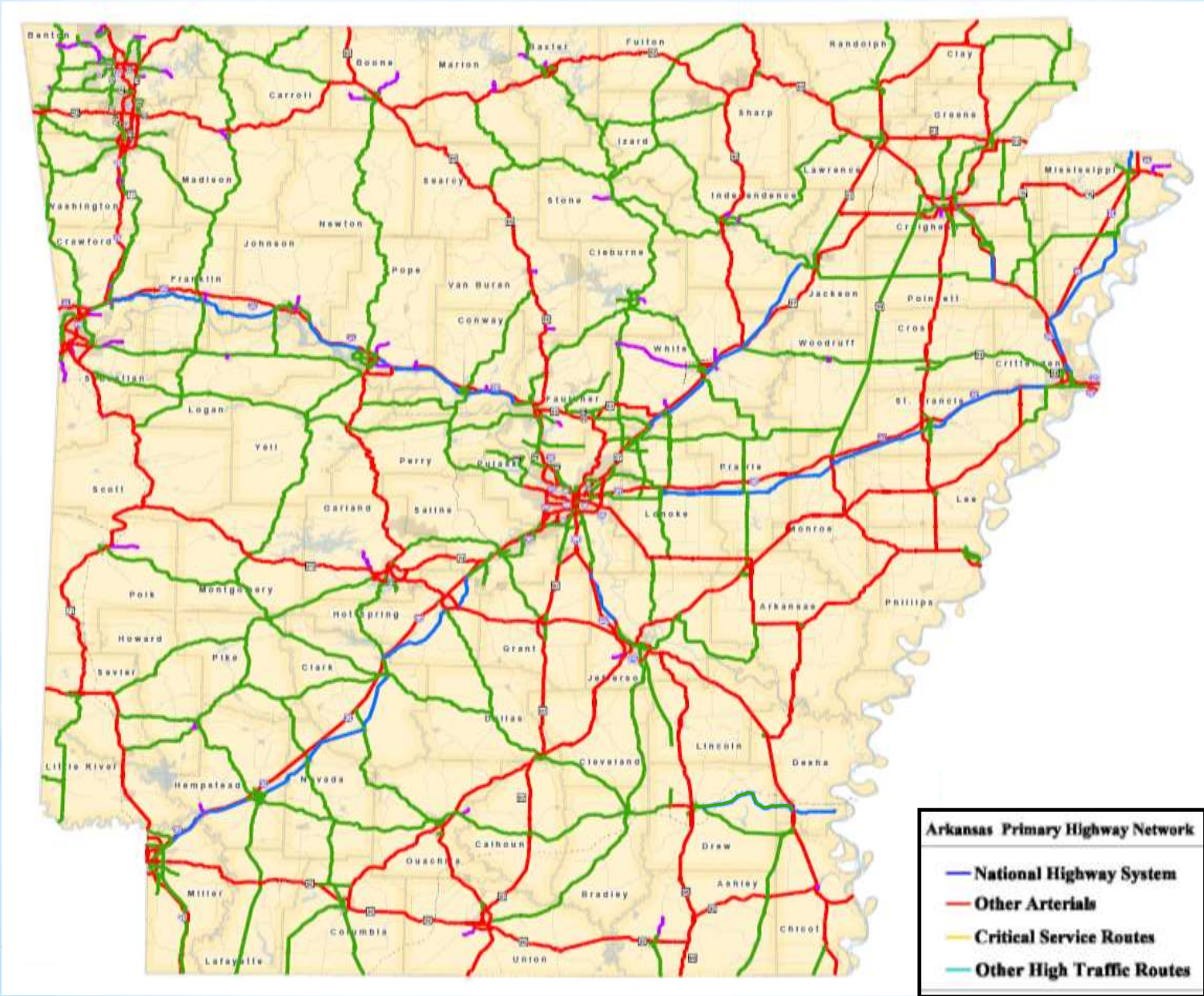


GROWTH OF THE HIGHWAY SYSTEM

MILES




Arkansas Primary Highway Network



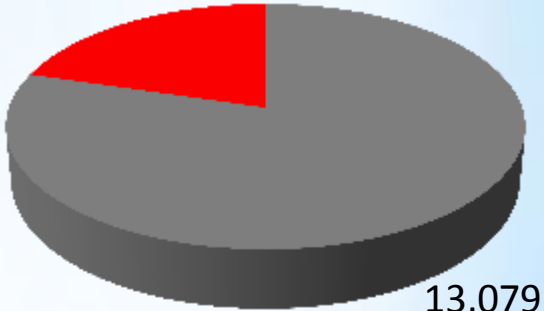
Arkansas Primary Highway Network



 National Highway System

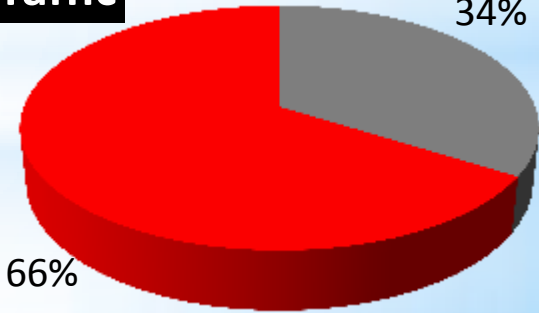
Miles

3,339
20%



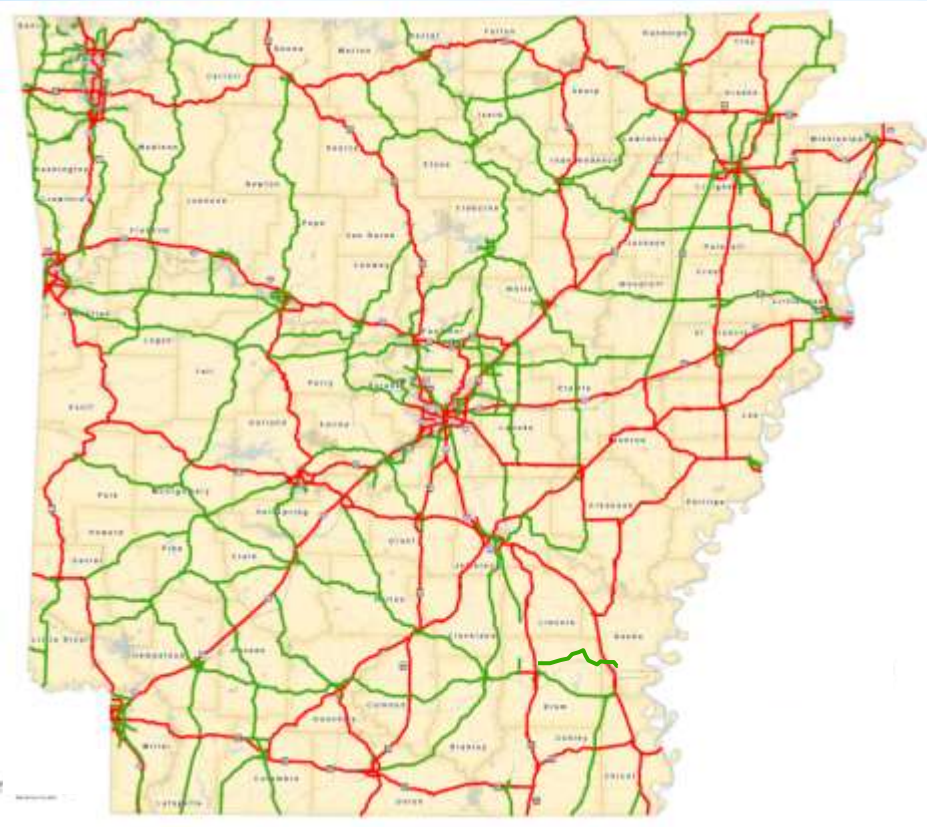
13,079
80%



Traffic



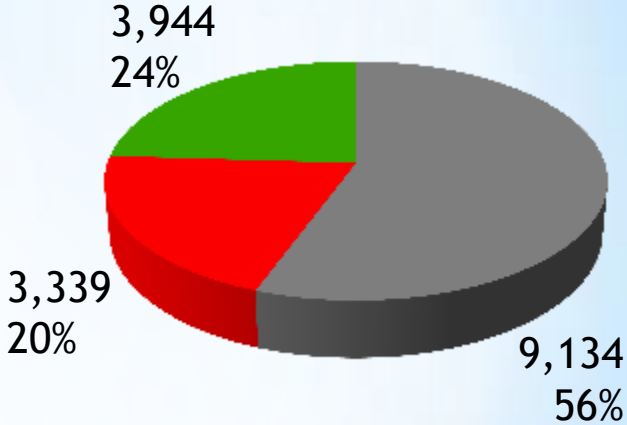
National Highway System

Arkansas Primary Highway Network

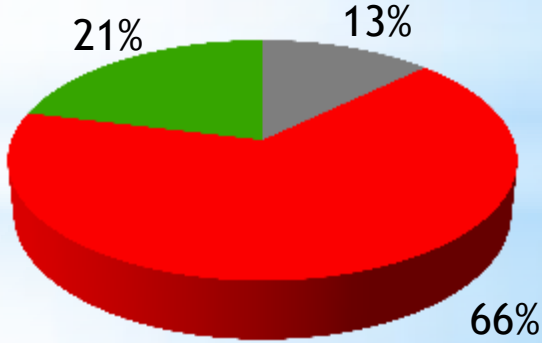


 National Highway System
 Other Arterials

Miles

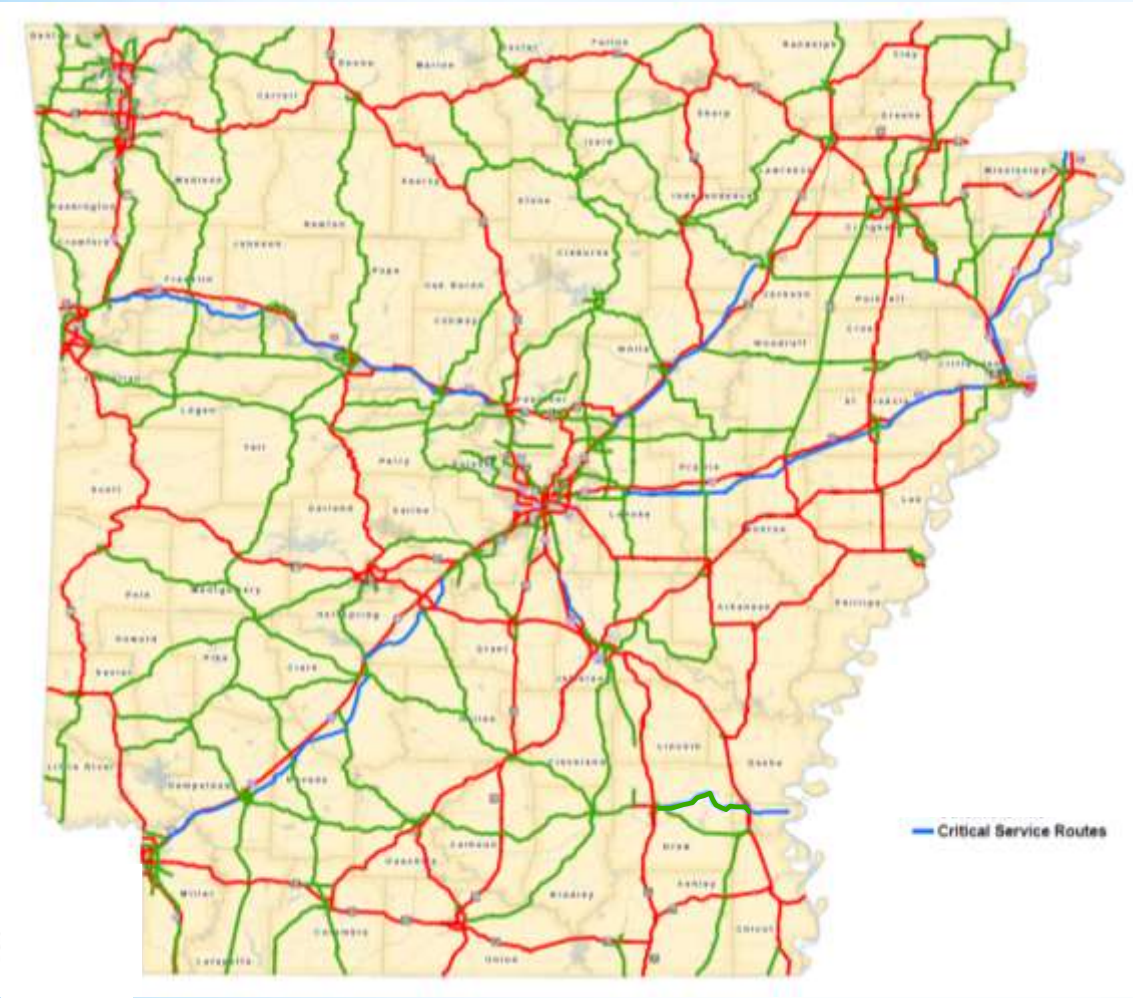


Traffic

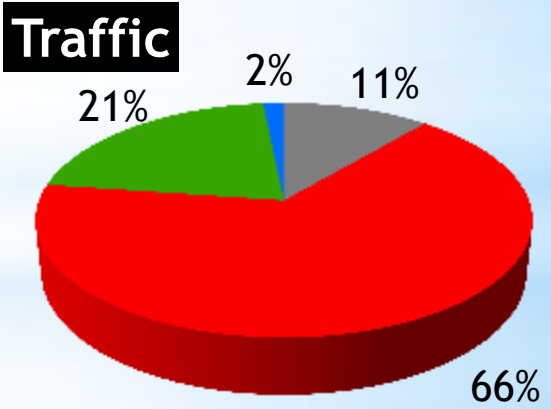
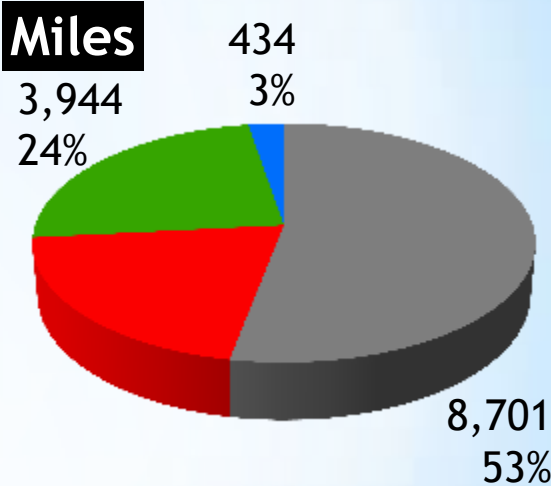


Other Arterials

Arkansas Primary Highway Network



- National Highway System
- Other Arterials
- Critical Service Routes

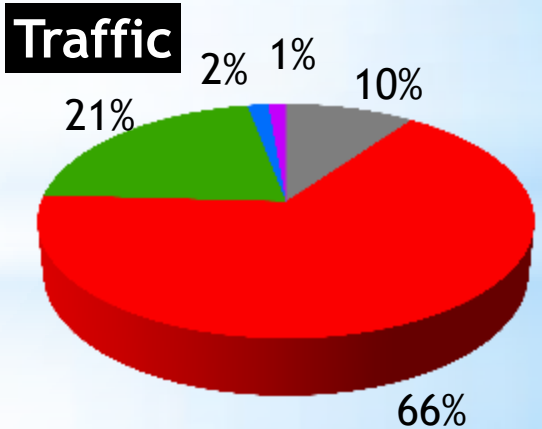
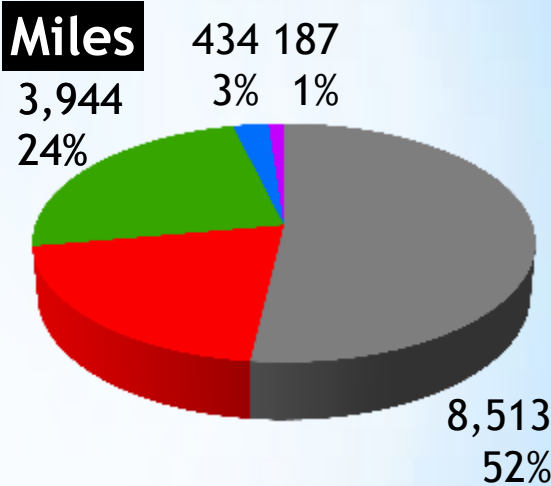


Critical Service Routes

Arkansas Primary Highway Network



- National Highway System
- Other Arterials
- Critical Service Routes
- Other High Traffic Routes



Other High Traffic Routes

Four-Lane Grid System



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Arkansas' National Rank	12th		40th	

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

Revenue Proposals



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

Interstate Rehabilitation Program

1999

50 Projects | 360 Total Miles | \$1.0 Billion

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

2011

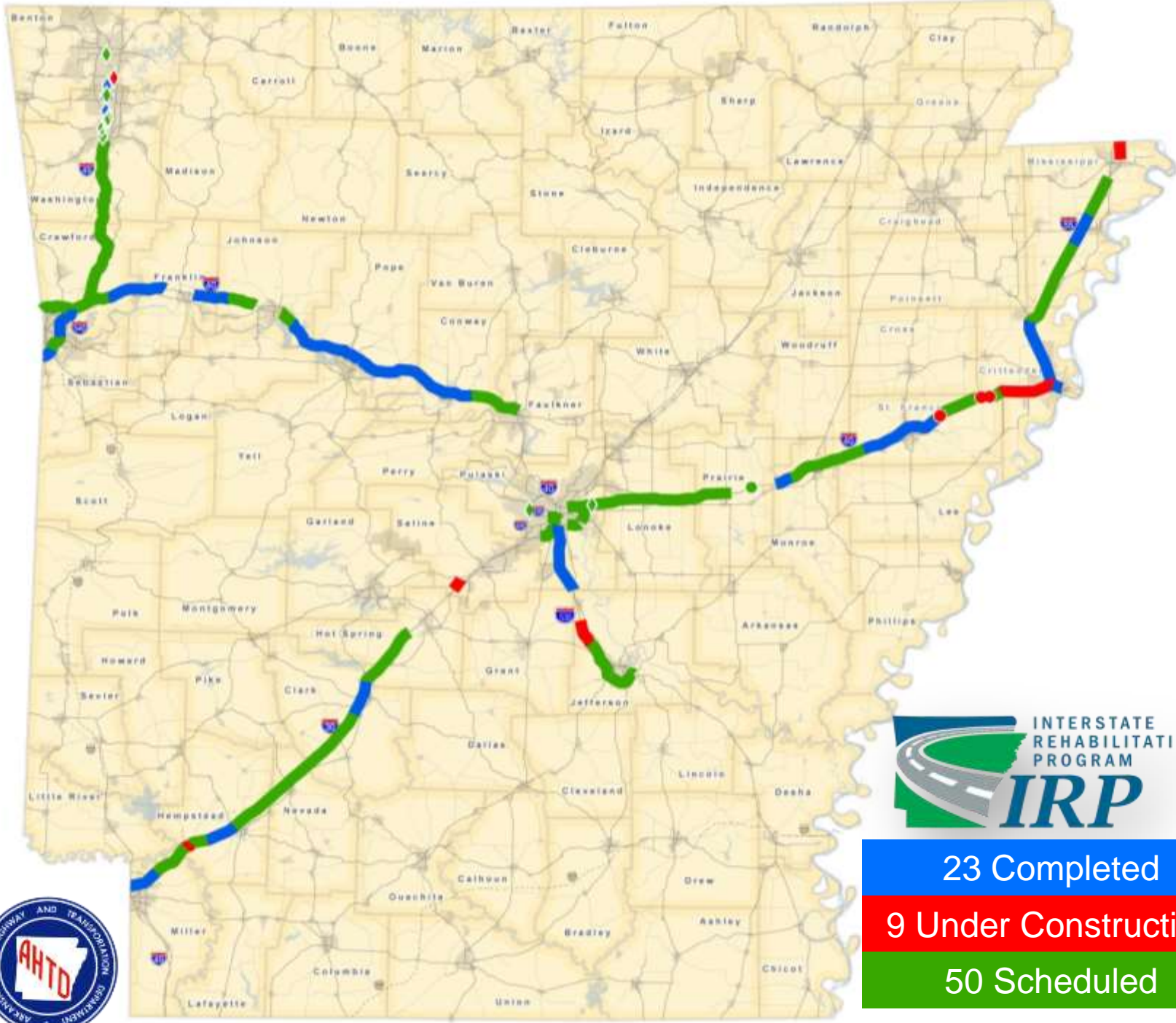
Passed With 81% of Vote

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

First Contracts Awarded in November 2012



Interstate Rehabilitation Program



23 Completed
9 Under Construction
50 Scheduled



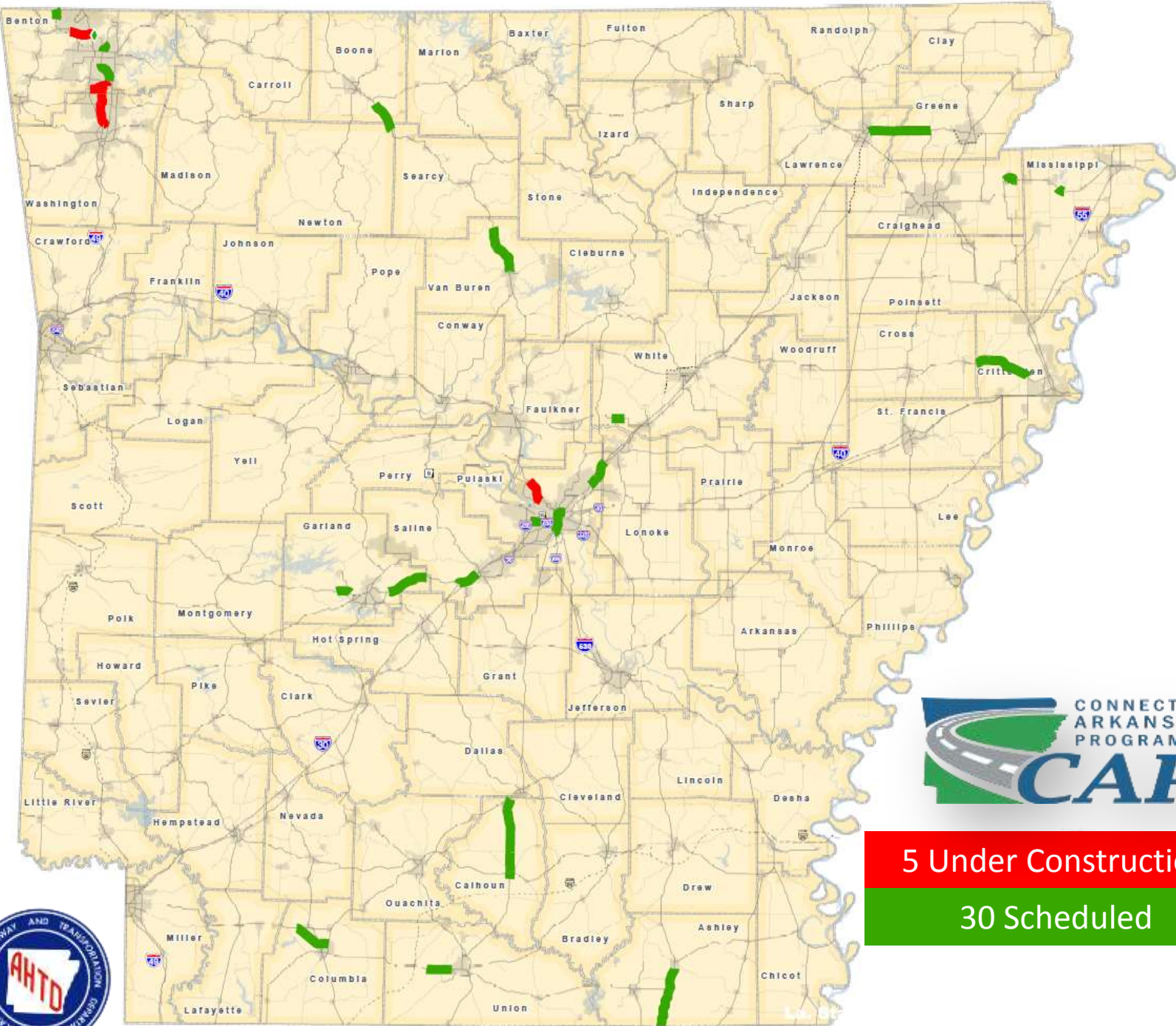
Revenue Proposals



Temporary ½ Cent General Sales Tax to Fund a Multi-Year Construction Program

- Passed November 2012 – 58% in favor
- Sunsets in 10 Years
- Short-term Bonds and Pay as You Go
- 35 Projects – 180 miles
- \$1.8 Billion Total Program

Connecting Arkansas Program



5 Under Construction

30 Scheduled



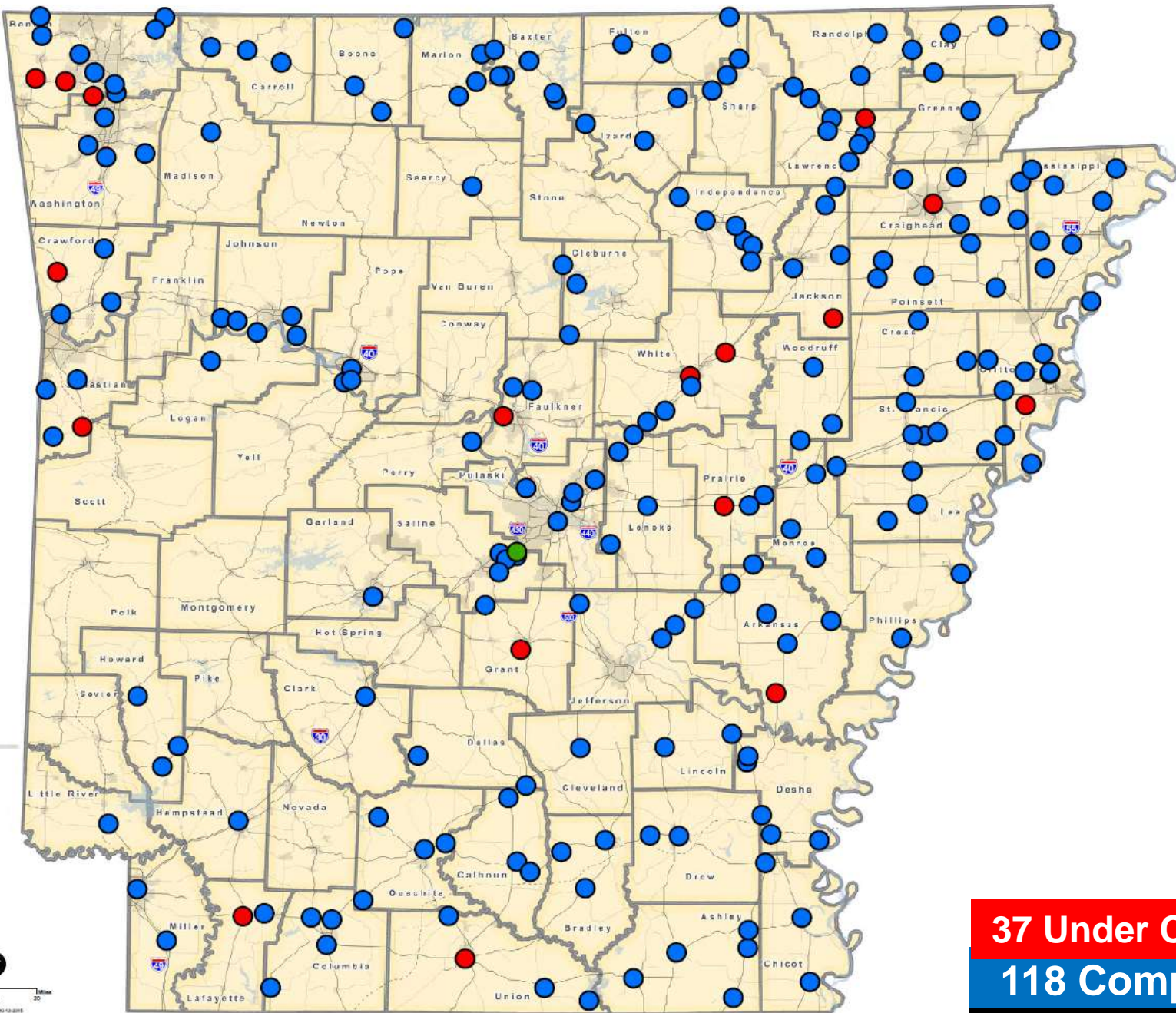
Revenue Proposals



State Aid Program for Cities

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

State Aid Street Program



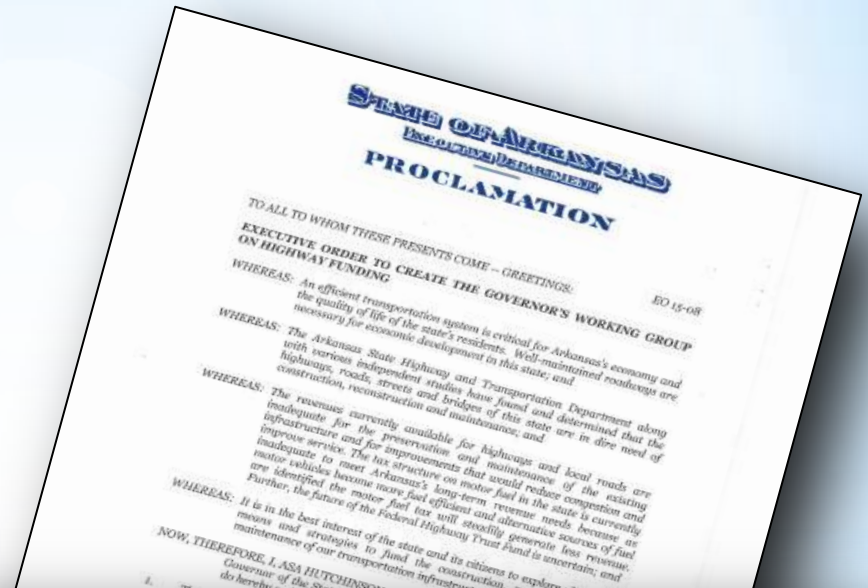
37 Under Const.

118 Complete

155 Total



Governor's Working Group on Highway Funding



“An efficient transportation system is critical for Arkansas’ economy and the quality of life of the state’s residents.”

...the Chamber of Commerce;
...the State Department of Higher Education;
...the Department of Finance & Administration;
...transportation and/or finance industries.

The Problem

Fuel Consumption
is **Declining**




Highway Revenue From Fuel
is **Declining**





Arkansas Travel Trends

2007-2013

	2007	2013	Difference
Gas & diesel Consumption	2.087 billion	2.001 billion	 86 million
Gas & diesel Revenue	\$454 million	\$400 million	 \$54 million
Miles Traveled	32.4 billion	33.5 billion	 1.1 billion



Fuel Tax Stagnant

Federal

Year	Increase	Gasoline	Diesel
1993	4 cents	18.4	24.4

State

Year	Increase	Gasoline	Diesel
1999	3 & 4 cents	21.8	22.8

Current Highway Funding Sources

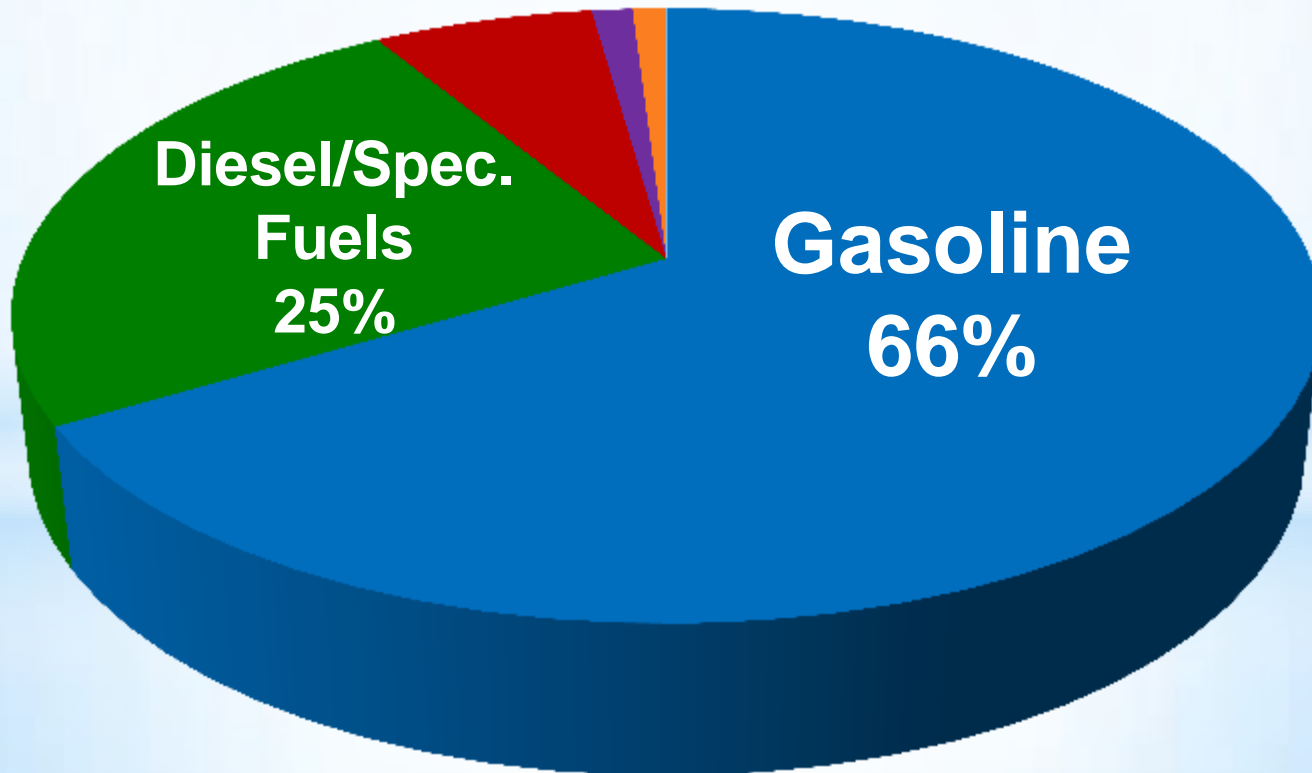
Federal

Per-Gallon Motor Fuel Tax – 91%

Truck/Bus/Trailer 7%

Tires 1.0%

Heavy Vehicle Tax 0.1%



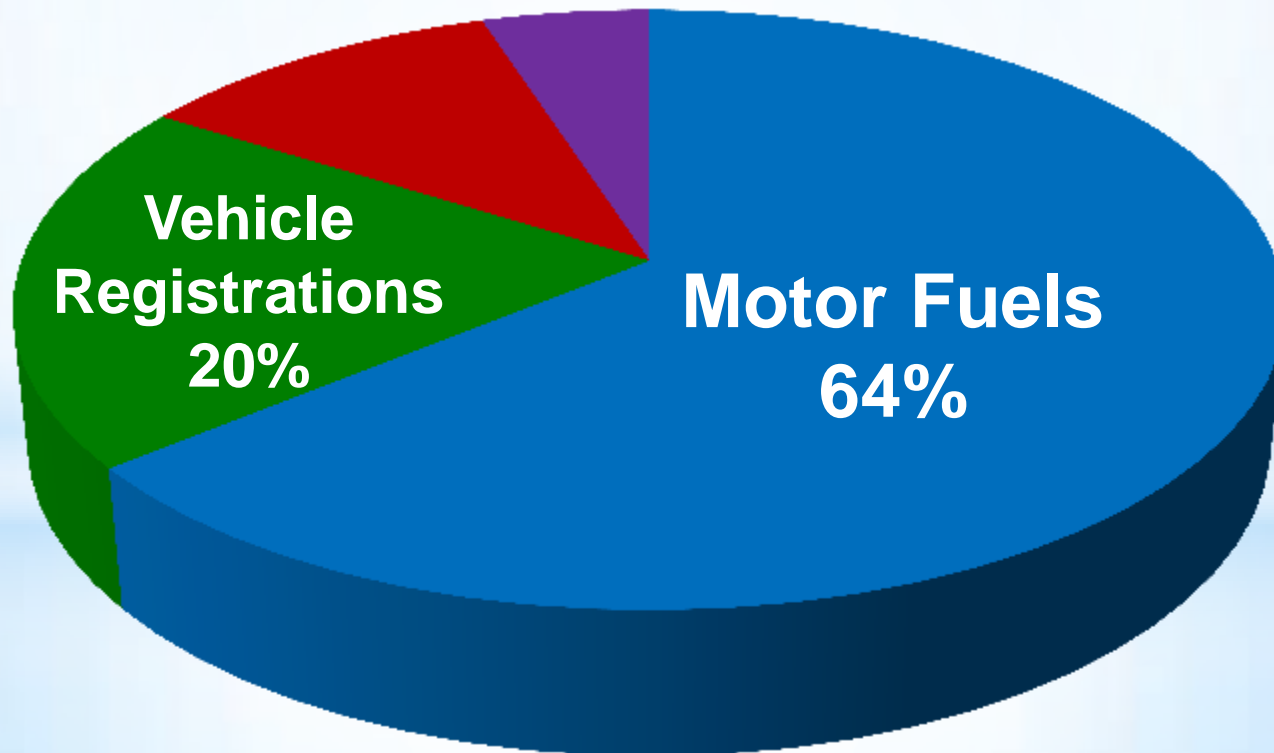
Current Highway Funding Sources

State

Per-Gallon Motor Fuel Tax – 64%

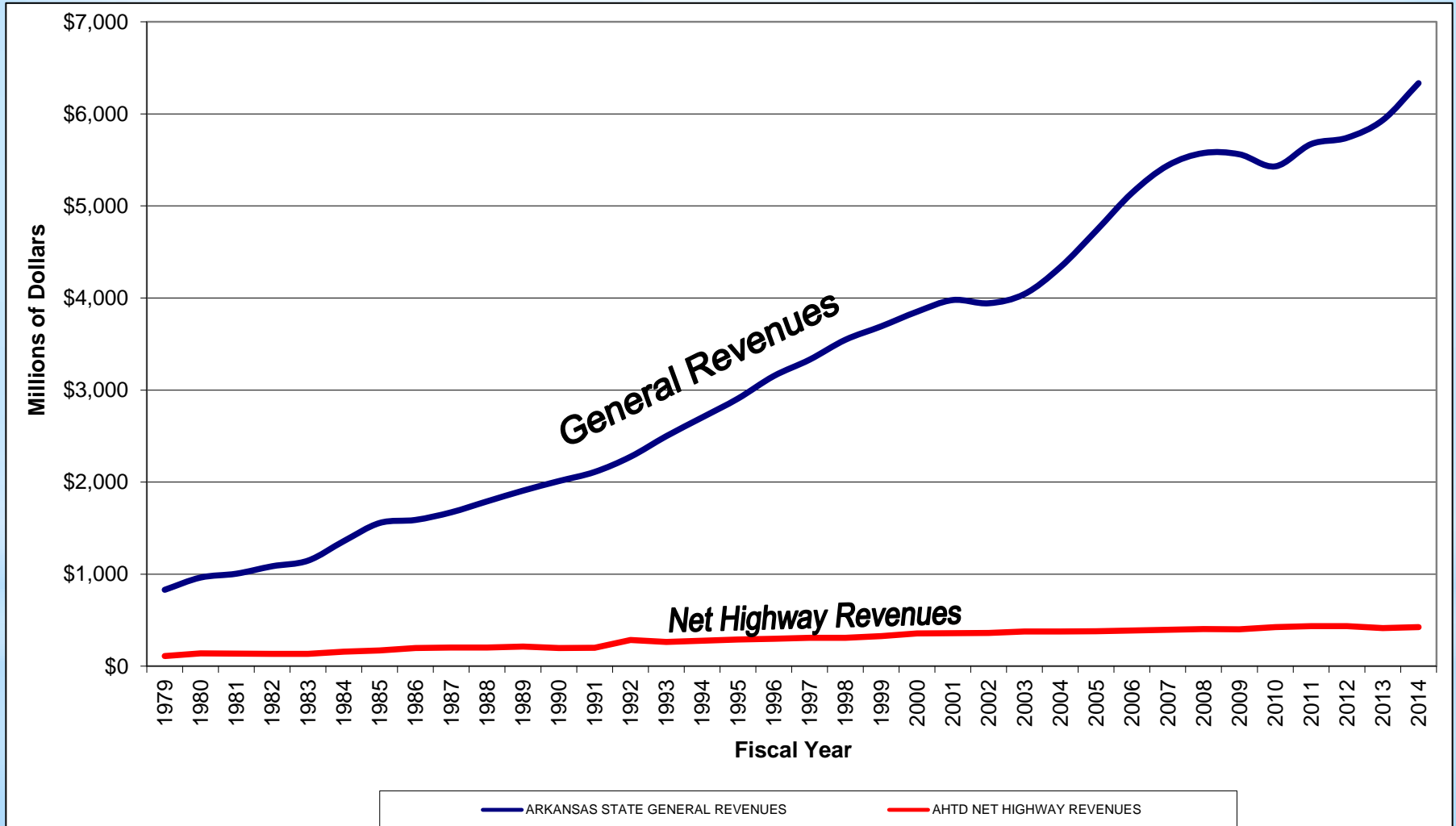
Severance 11.0%

License / Permits / Fees / Other 5.0%



*Does not include half-cent sales tax

State General Revenues vs. AHTD Highway Revenues



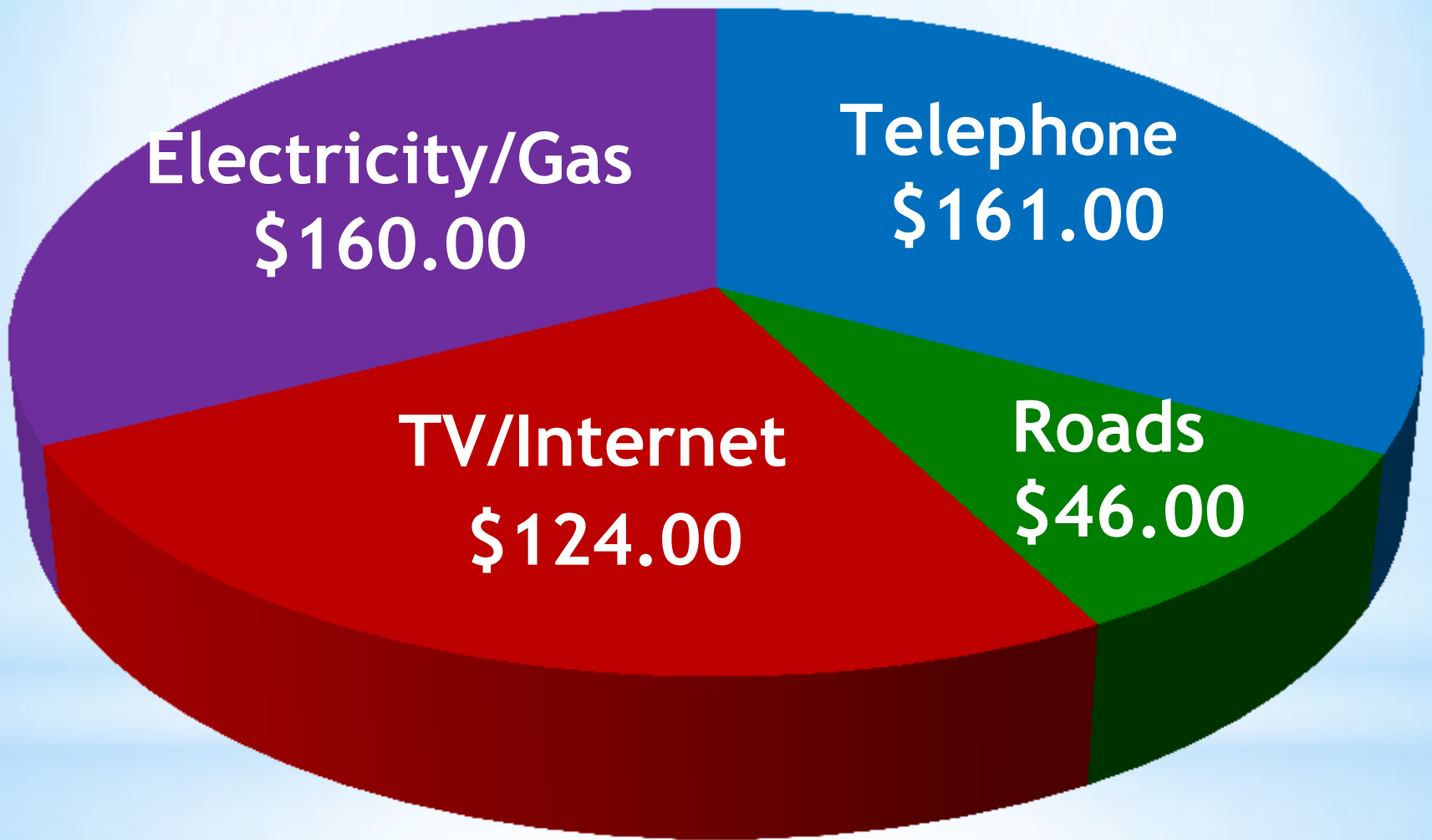
Excludes County & City aid funds

Prepared by: Transportation Planning and Policy, 8/15/2014

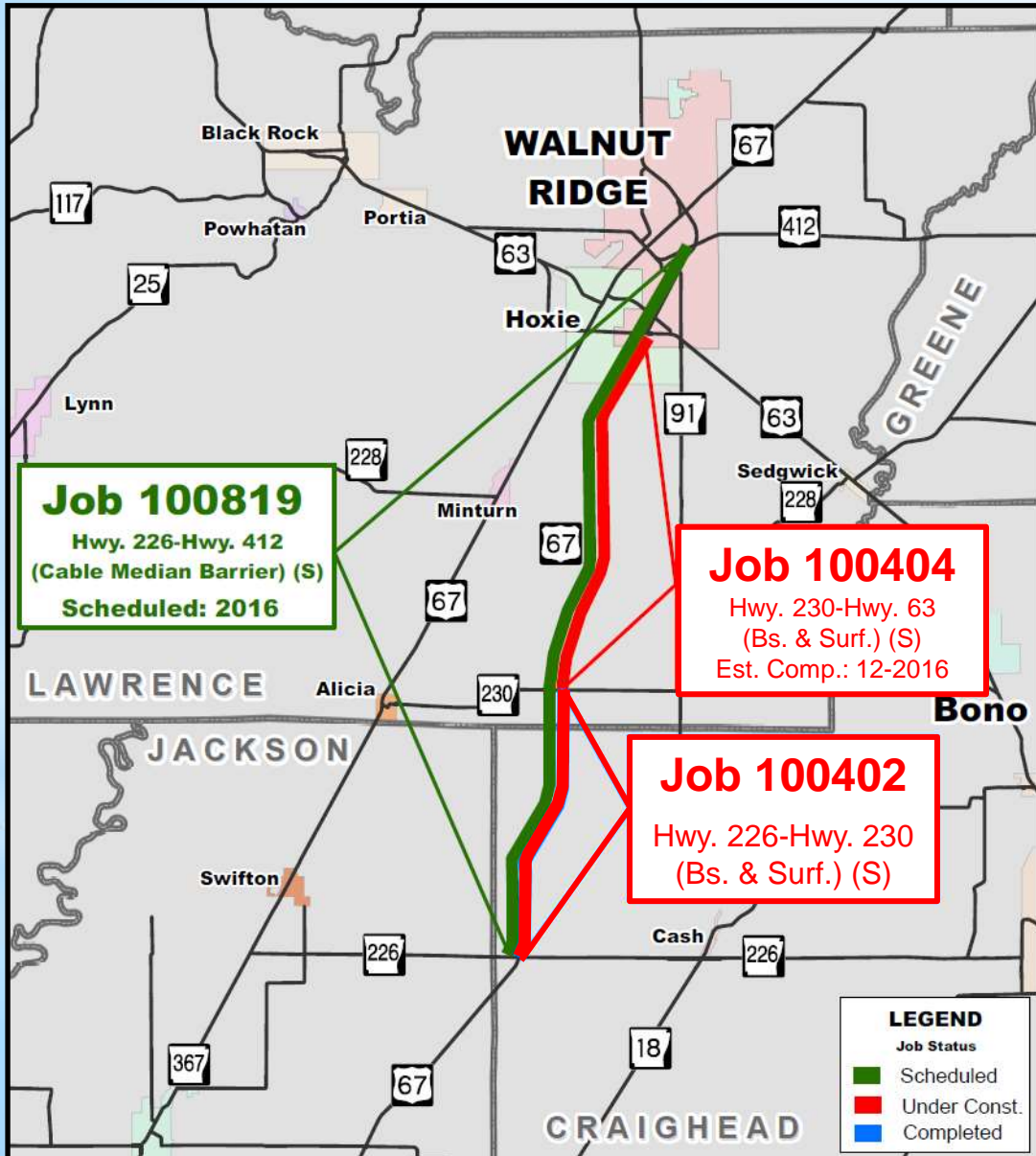
Loss of Purchasing Power

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	Avg. 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%
Consumer Price Index	Avg. Purchases	\$144.48	\$218.08	51%
Construction	Const. Cost Index	\$99.50	\$237.60	139%
Fed Gas Tax	Per Gallon	0.184	0.184	0%

Average Monthly Household Expenditures



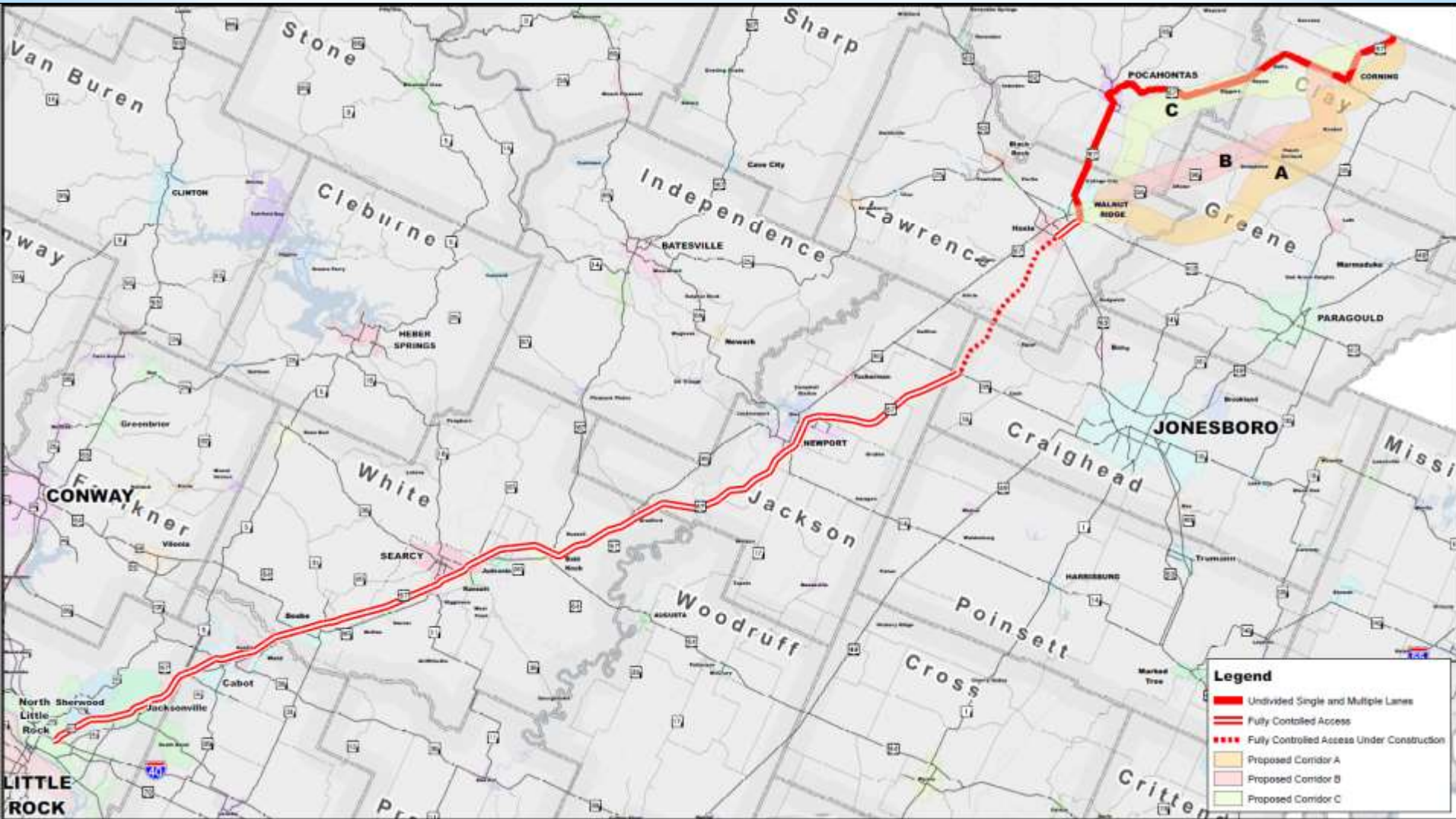
Area Projects



- State Highway 226 to State Highway 230 complete.
- Section to Walnut Ridge complete – late 2016.
- 16.2 miles
- \$69.4 Million



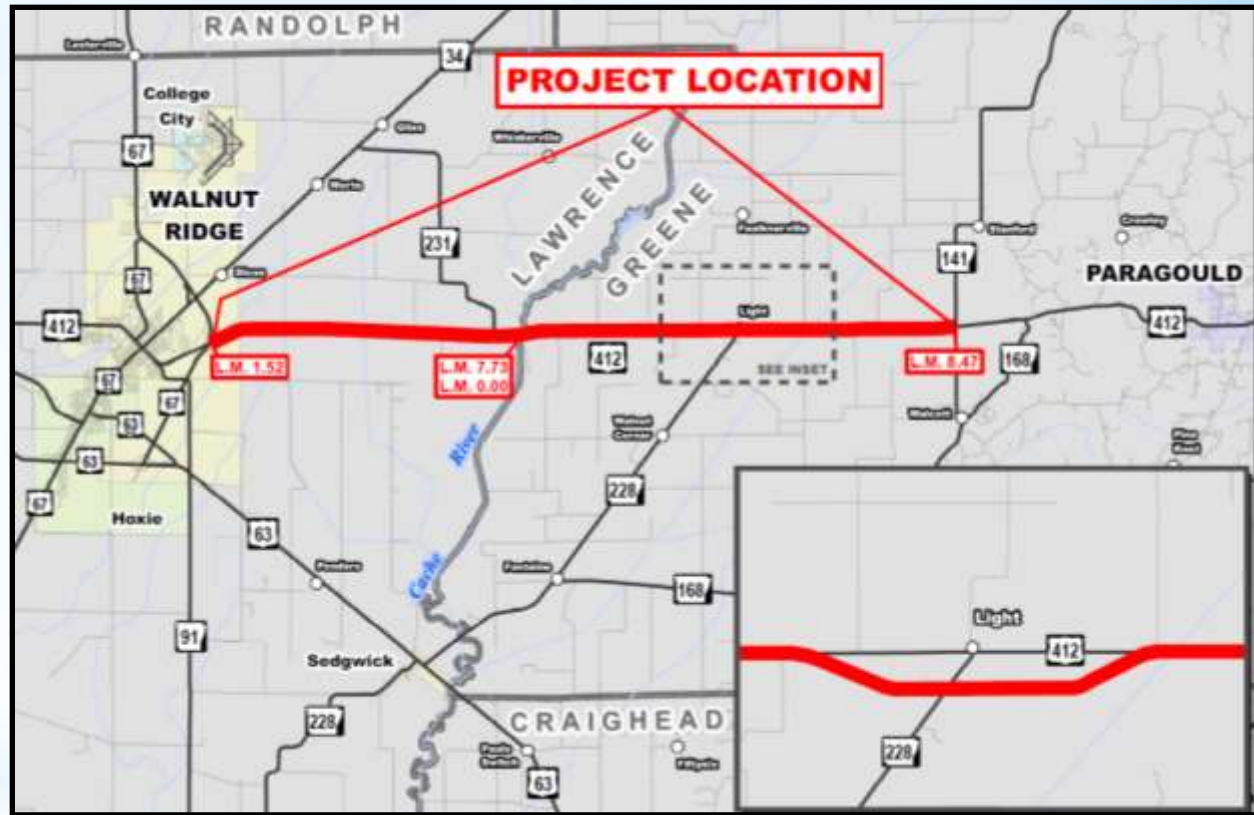
Highway 67 Corridor



Area Projects

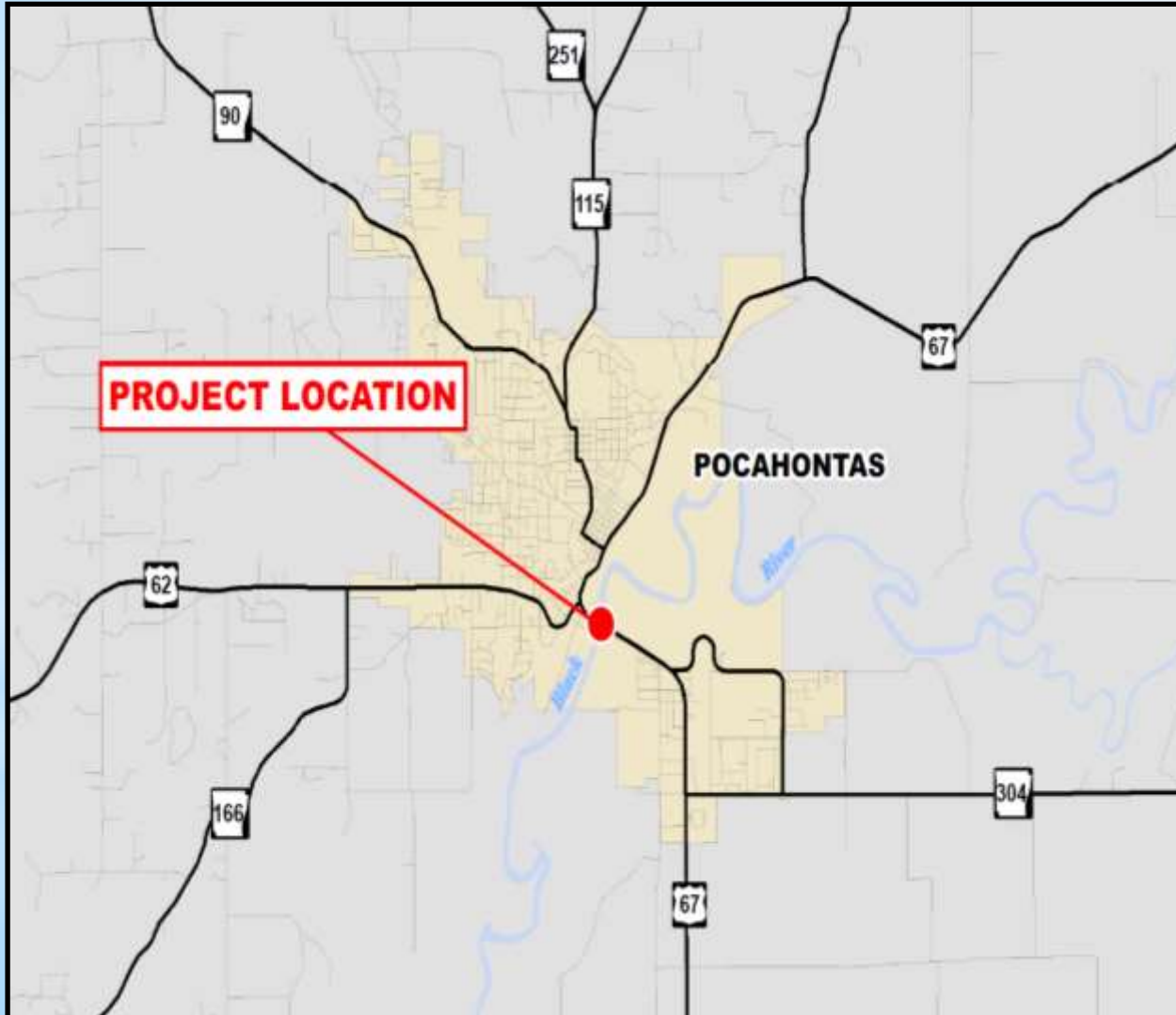


- Widening to four lanes (Walnut Ridge to Paragould)
- Bypass around the Light community.
- One of three projects in our area funded by the half-cent sales tax.
- Let in June 2017





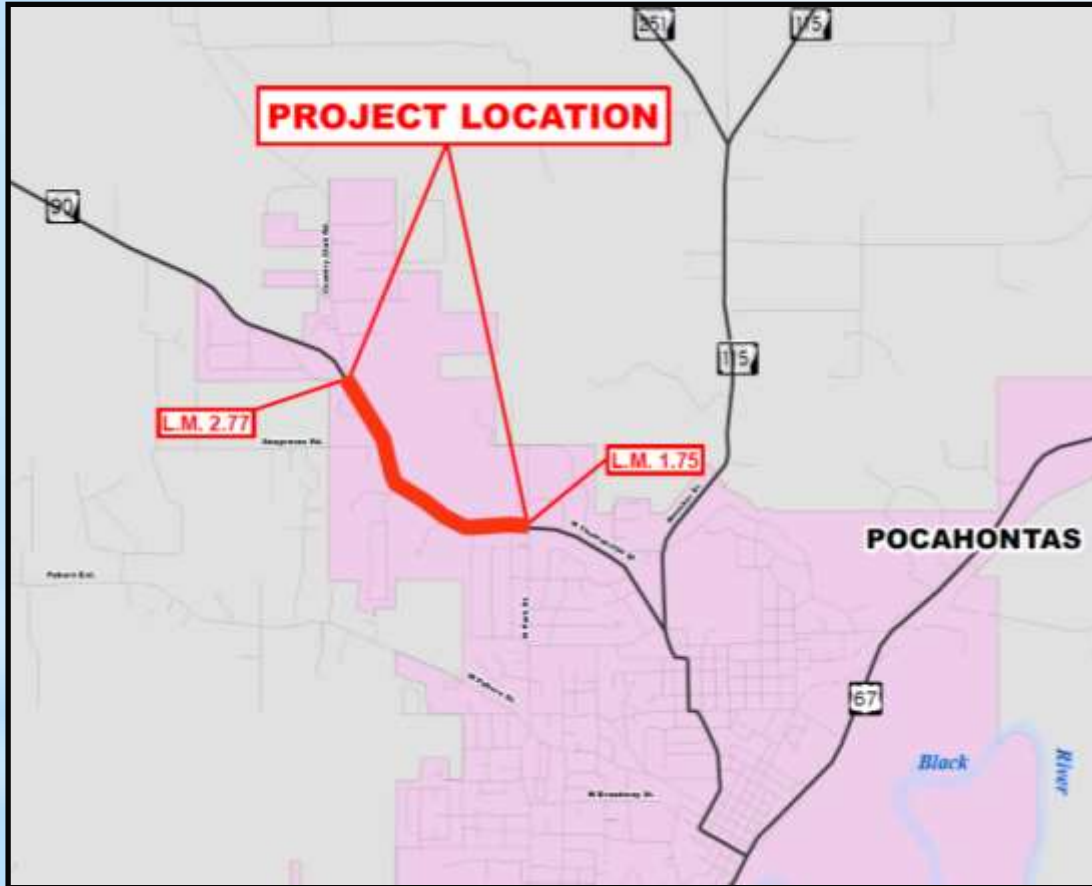
Area Projects



- Replace historic bridge at the Black River
- Constructed 1934
- Two-lane bridge
- Structurally deficient
- Feb 2016 letting
- \$8.5 million estimate



Area Projects



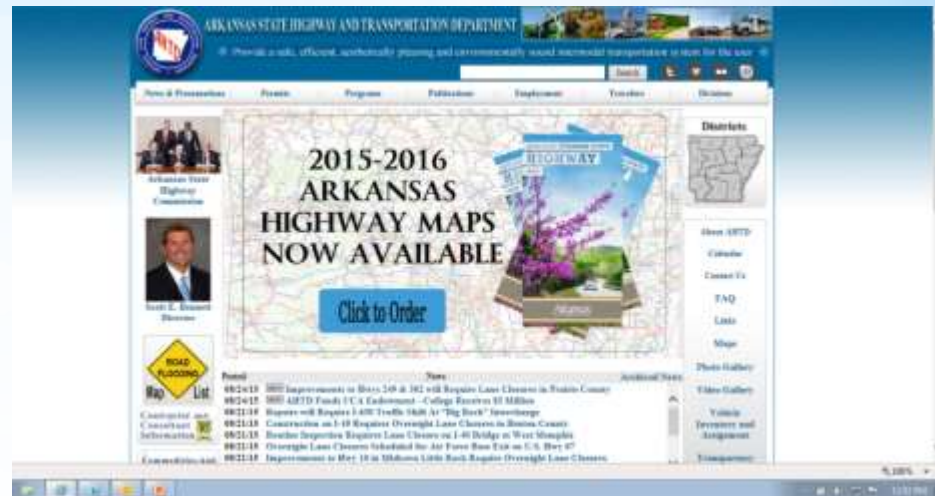
- Petition - December 2013
- Minute Order - Feb. 2014
- Study – 2015
- Widen to add 8-foot shoulders and continuous two-way left turn lane
- \$5 Million estimated cost
- Considered for next STIP

Additional Information

- ArkansasHighways.com
- ConnectingArkansasProgram.com
- Vimeo.com/AHTD
- IDriveArkansas.com
- [Twitter.com @AHTD](https://twitter.com/AHTD)



@AHTD



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Randolph County Chamber of Commerce
October 19, 2015