

Chad Adams, P.E.
District Engineer, District 4



Future of Fort Smith
Monday, April 17, 2017

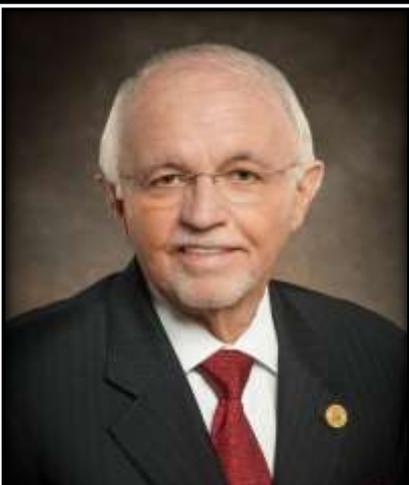
Arkansas Highway



Commission



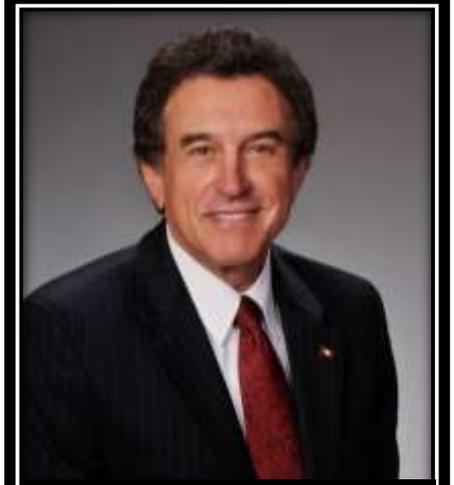
Arkansas Highway Commission



Dick Trammel



Tom Schueck



Robert Moore



Alec Farmer



Philip Taldo



1979 Congressional District Map



Facts &



Figures



AHTD Quick Facts



3rd Largest State Agency
(3,634 Employees)

Maintains
16,418 miles of Highway
7,335 Bridges

Central Offices in Little Rock

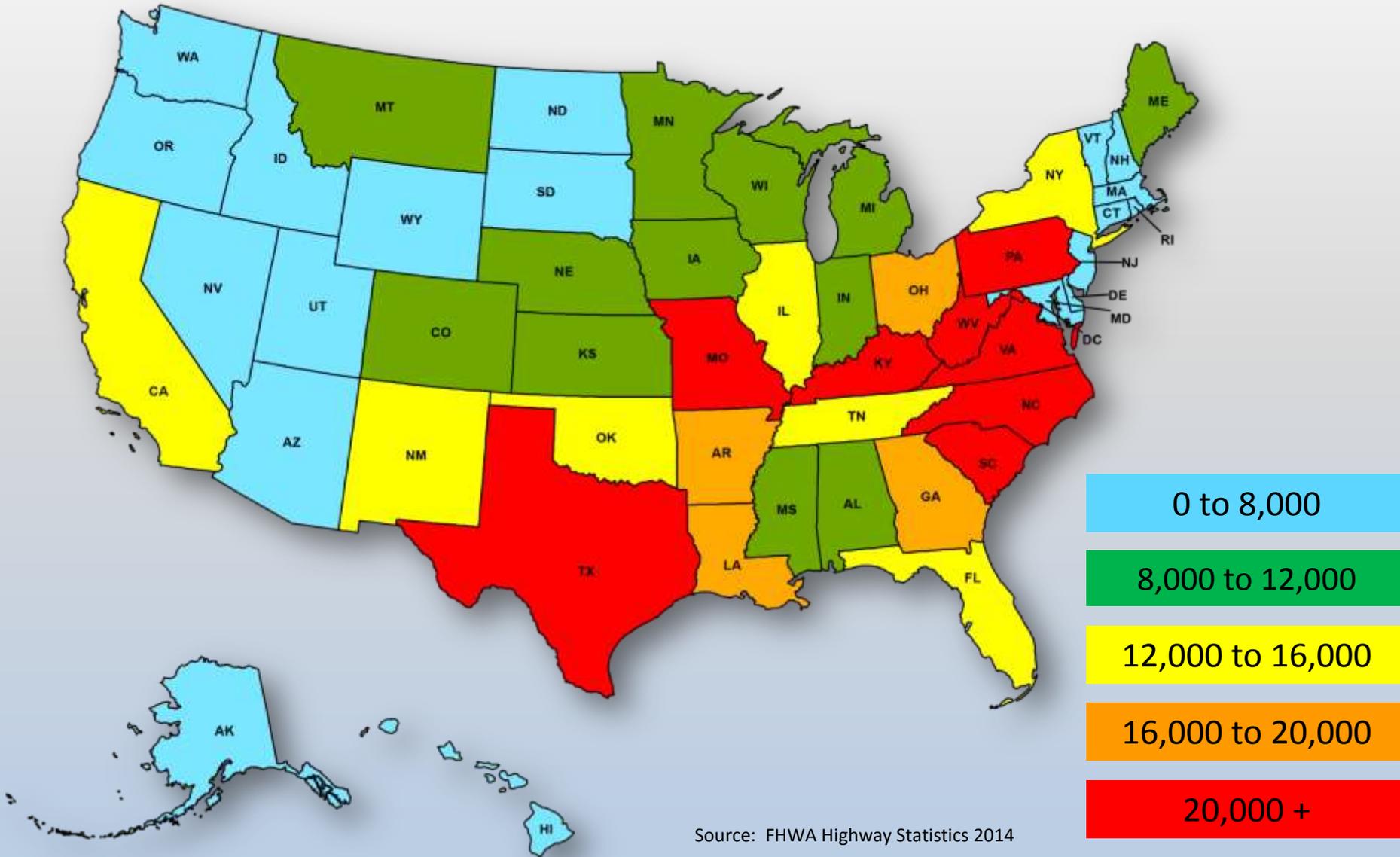
10 Districts Statewide

Mission:
Provide a safe, efficient, aesthetically pleasing
and environmentally sound intermodal
transportation system for the user.



12th in Number of Miles

16,418 miles



Source: FHWA Highway Statistics 2014

Funding



2016-2020 STIP



2016-2020

Federal Fiscal Years

STATEWIDE TRANSPORTATION
IMPROVEMENT PROGRAM

STIP



ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

Presented by the Arkansas State Highway Commission

In Compliance with Title 23 U.S.C. § 135

November 23, 2015



Estimated Average Annual Construction Funds 2016-2020

(x \$1 Million)

Federal Funds	\$ 567
State Highway Revenue	\$ 457
Total	\$ 1,024
Less Federal Funds for:	
Fixed Budgeted Expenditures (Maintenance, Administration, Operations)	\$ 30
Non-AHTD Projects (TAP, Counties, Cities, Attributable, Metropolitan Planning)	\$ 46
Statewide Planning and Research	\$ 11
Right-of-Way and Utilities / Obligation Limitation	\$ 50
Interstate Rehabilitation Program Bond Payment	\$ 58
Total Reduction in Federal Funds	\$ (195)
Less State Highway Funds for:	
Fixed Budgeted Expenditures (Maintenance, Administration, Operations)	\$ 318
State Match for Federal-aid Statewide Planning and Research	\$ 3
Interstate Rehabilitation Program Bond Payment (4¢ Diesel Fuel Tax)	\$ 17
Total Reduction in State Funds	\$ (338)
Total Federal and State Funds Available for Highway Construction	\$ 491

**Estimated Average Annual Construction Funds
Available for Highway Construction at Commission Discretion
2016-2020
(x \$1 Million)**

Total Federal and State Funds Available for Highway Construction	\$ 491
Less Federal and State Matching Funds for:	
Bridge Preservation (Historical Funding Level)	\$ 90
Interstate Rehabilitation Program	\$ 42
Federal-aid Safety (Highway Safety Improvements, Rail Highway Crossing Hazard Elimination and Protective Devices)	\$ 46
Total Reductions	\$ (178)
Total Flexible Federal and State Funds Available	\$ 313

Use \$ 325 million / year

ESTIMATED ANNUAL NEEDS ANALYSIS

2016-2020

(x \$1 Million)

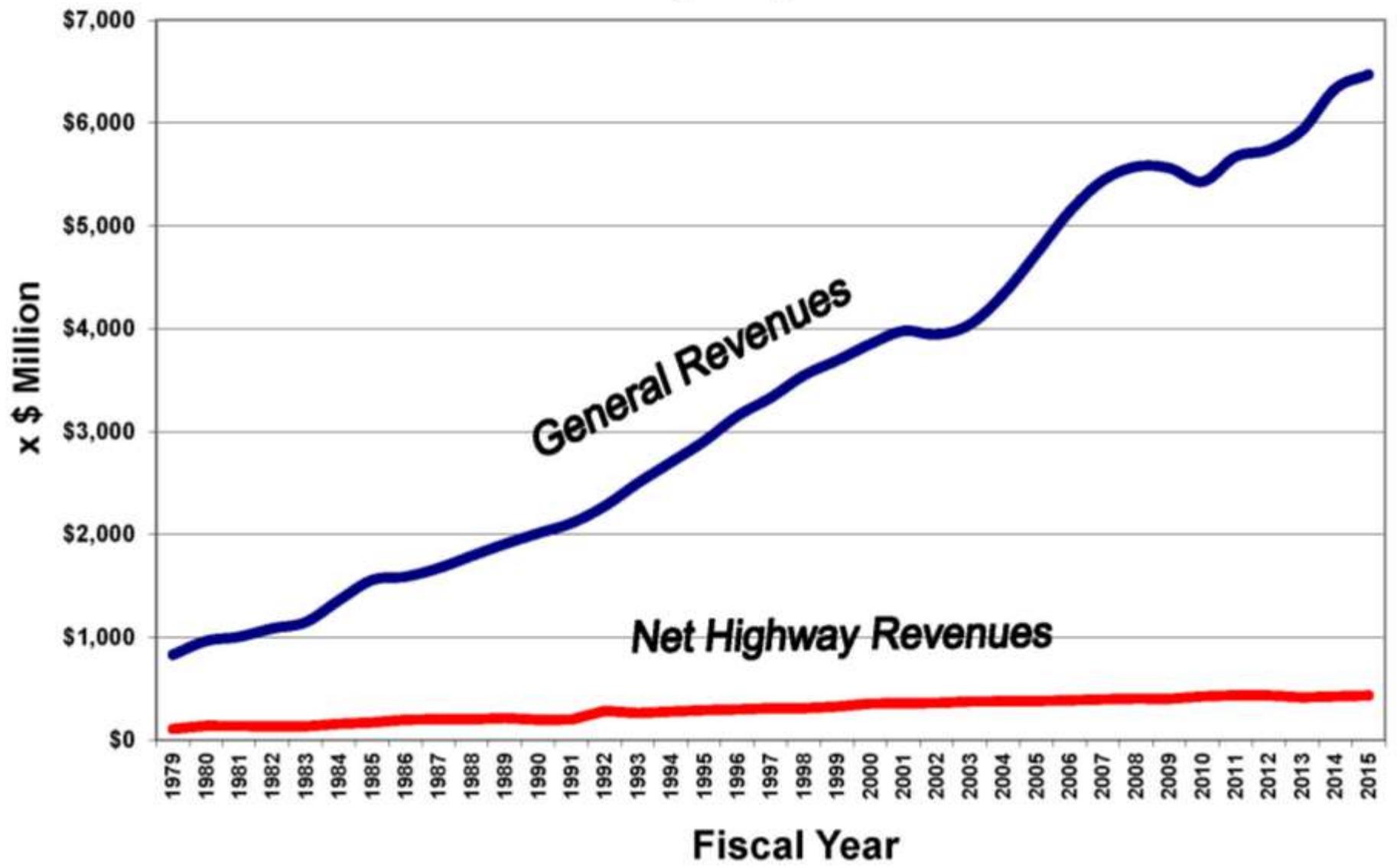
SYSTEM PRESERVATION	Total
Pavement Preservation	\$ 306
Capacity Improvements	\$ 288
TOTAL SYSTEM PRESERVATION ANNUAL NEEDS	\$ 594

ESTIMATED ANNUAL FUNDING AT COMMISSION DISCRETION	\$ 325
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RECOMMENDED DISTRIBUTION OF AVAILABLE FUNDING

SYSTEM PRESERVATION 80%	\$ 260
CAPITAL IMPROVEMENTS 20%	\$ 65

Arkansas State General Revenues vs AHTD Net Highway Revenues





Fuel Tax Stagnant

Federal

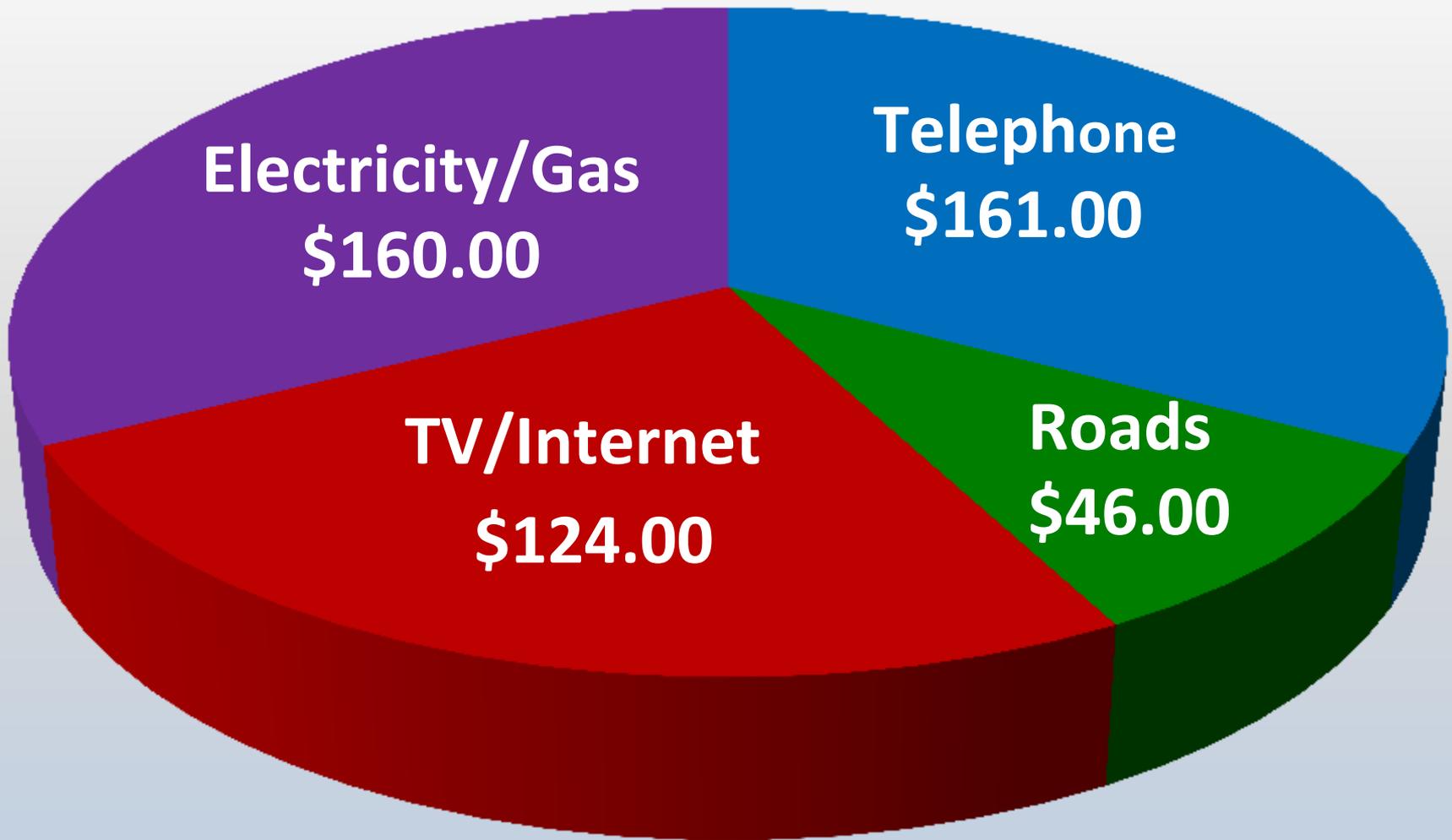
Year	Increase	Gasoline	Diesel
1993	4 cents	18.4	24.4

State

Year	Increase	Gasoline	Diesel
1999	3 & 4 cents	21.8	22.8



Average Monthly Household Expenditures



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%



\$100,000,000 Widening Program

THEN

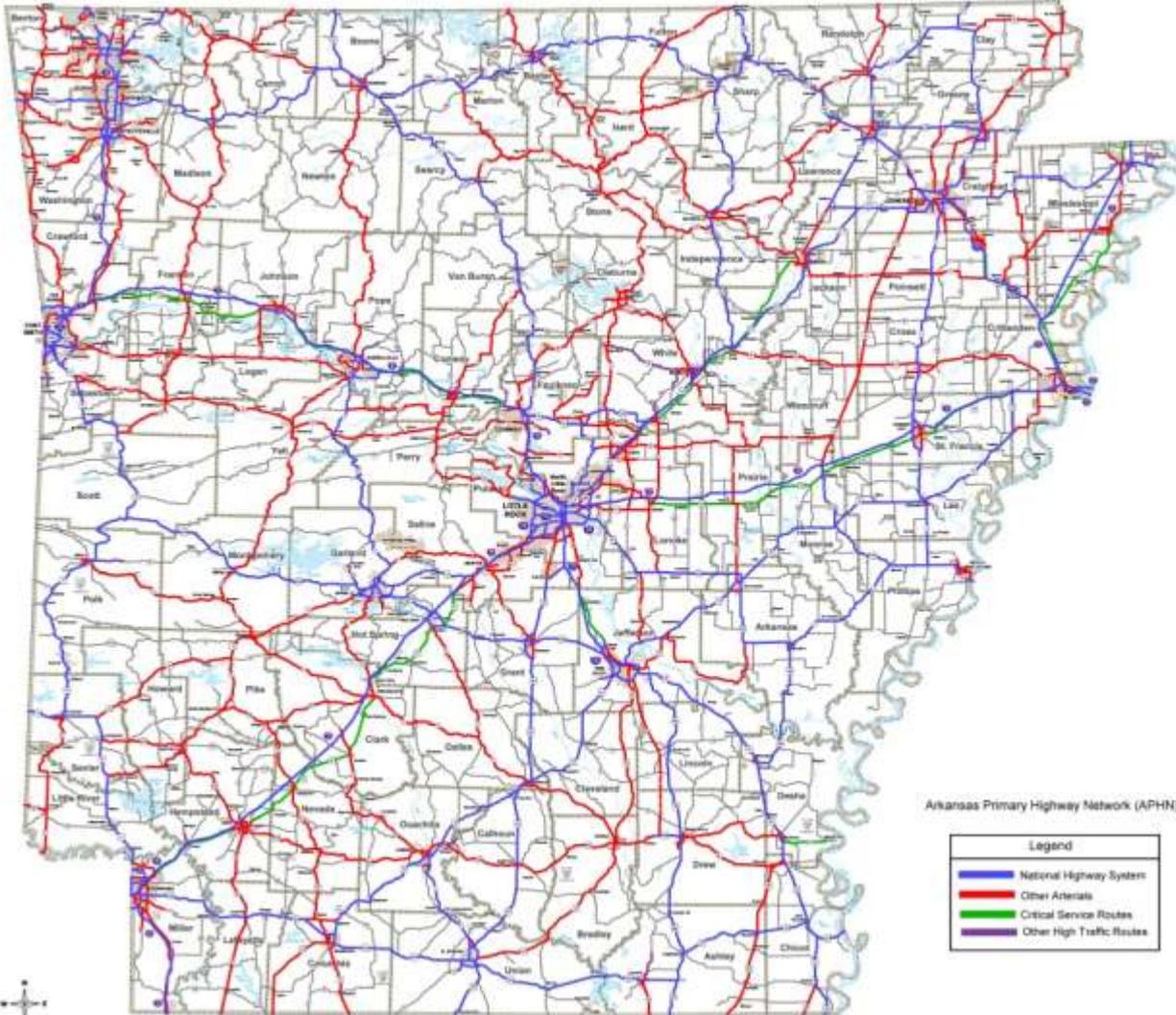
22 years ago, in 1995,
33 miles of Highway
could be widened.

NOW

As of 2015, using the
same resources, only
15 miles of Highway
could be widened.



Arkansas Primary Highway Network



Carries 92% of
All Travel

Accounts for
50% of
State System

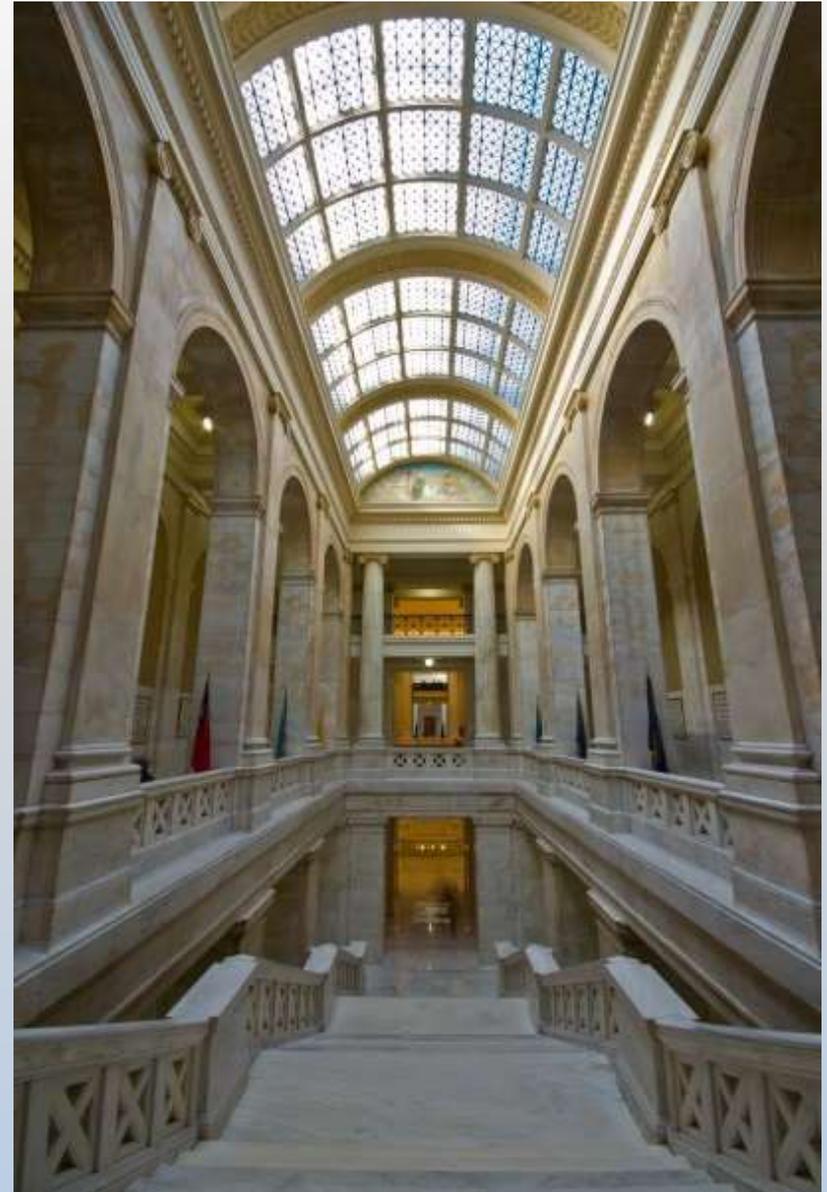
Funding Should
Follow the
Traffic

LEGISLATIVE SESSION



State Legislature

- AHTD Name Change
- Speed Limits
- Highway Funding



Program



Updates

Promises Made



Promises Kept



1999 Interstate Rehabilitation Program



50 Projects
356 Miles
\$973 Million

Prior to Program

**63% Poor or
Mediocre**

After Program

72% Good

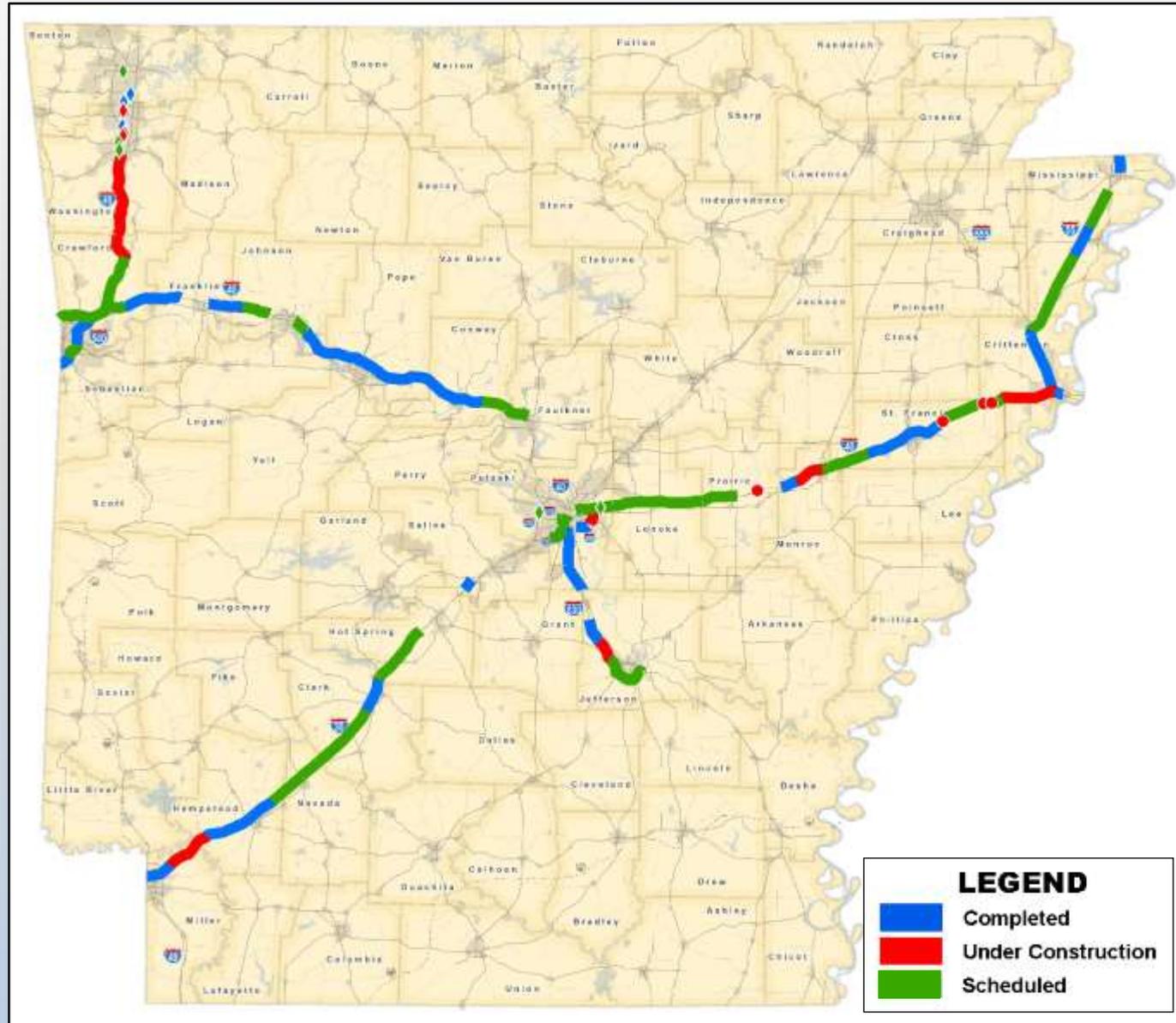


2011 Interstate Rehabilitation Program

Completed:
30 Projects
198 miles
\$593 million

Under Construction:
15 Projects
78 miles
\$494 million

Scheduled:
38 Projects
219 miles
\$408 million



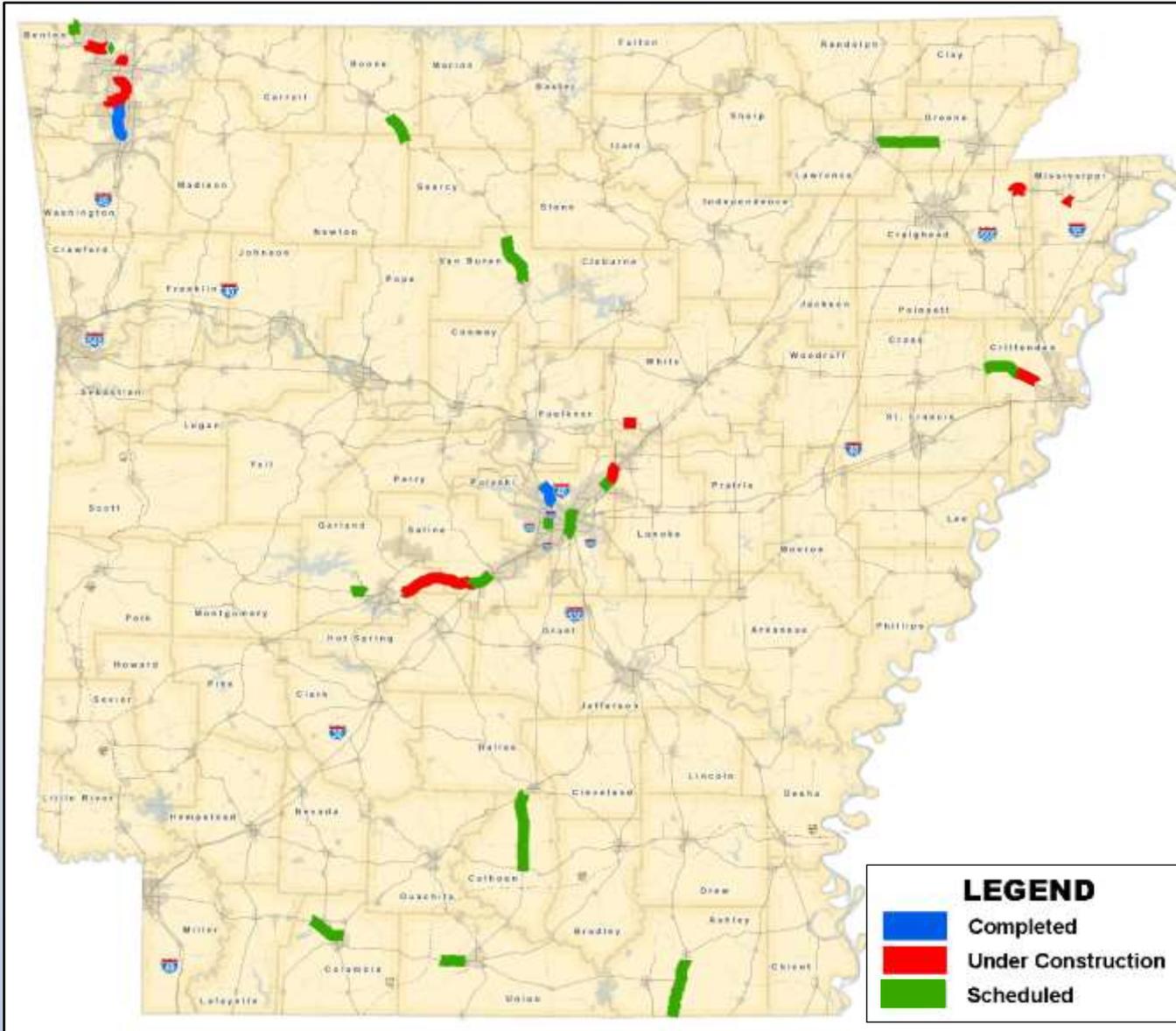
LEGEND

-  Completed
-  Under Construction
-  Scheduled





Connecting Arkansas Program Update



Completed:
3 Projects
12 miles
\$88 million

Under Construction:
10 Projects
55 miles
\$458 million

Scheduled:
23 Projects
118 miles
\$1.27 billion



Project



Updates

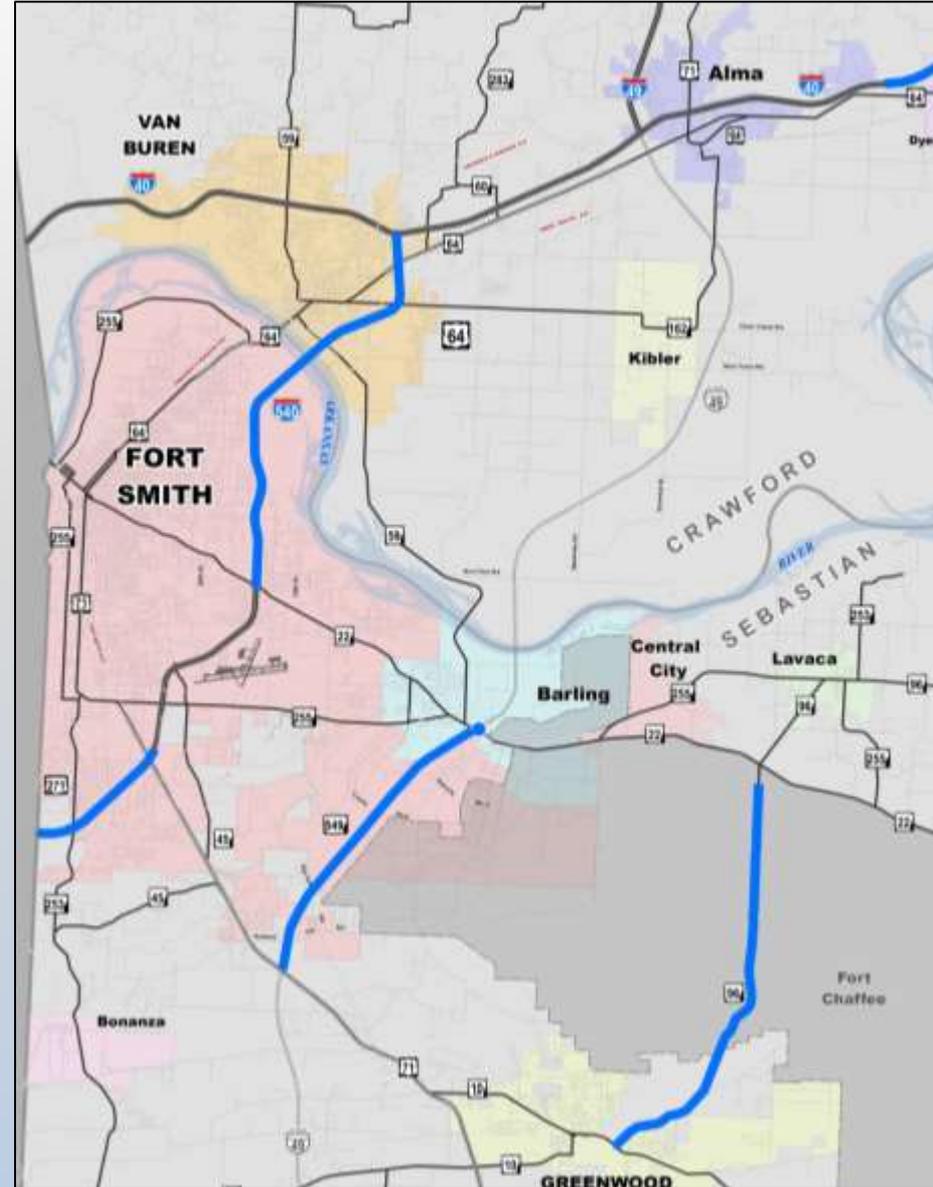


Completed

Completed

\$91 Million
32 miles Rehabilitated

\$116 Million
5.5 Miles of New Location

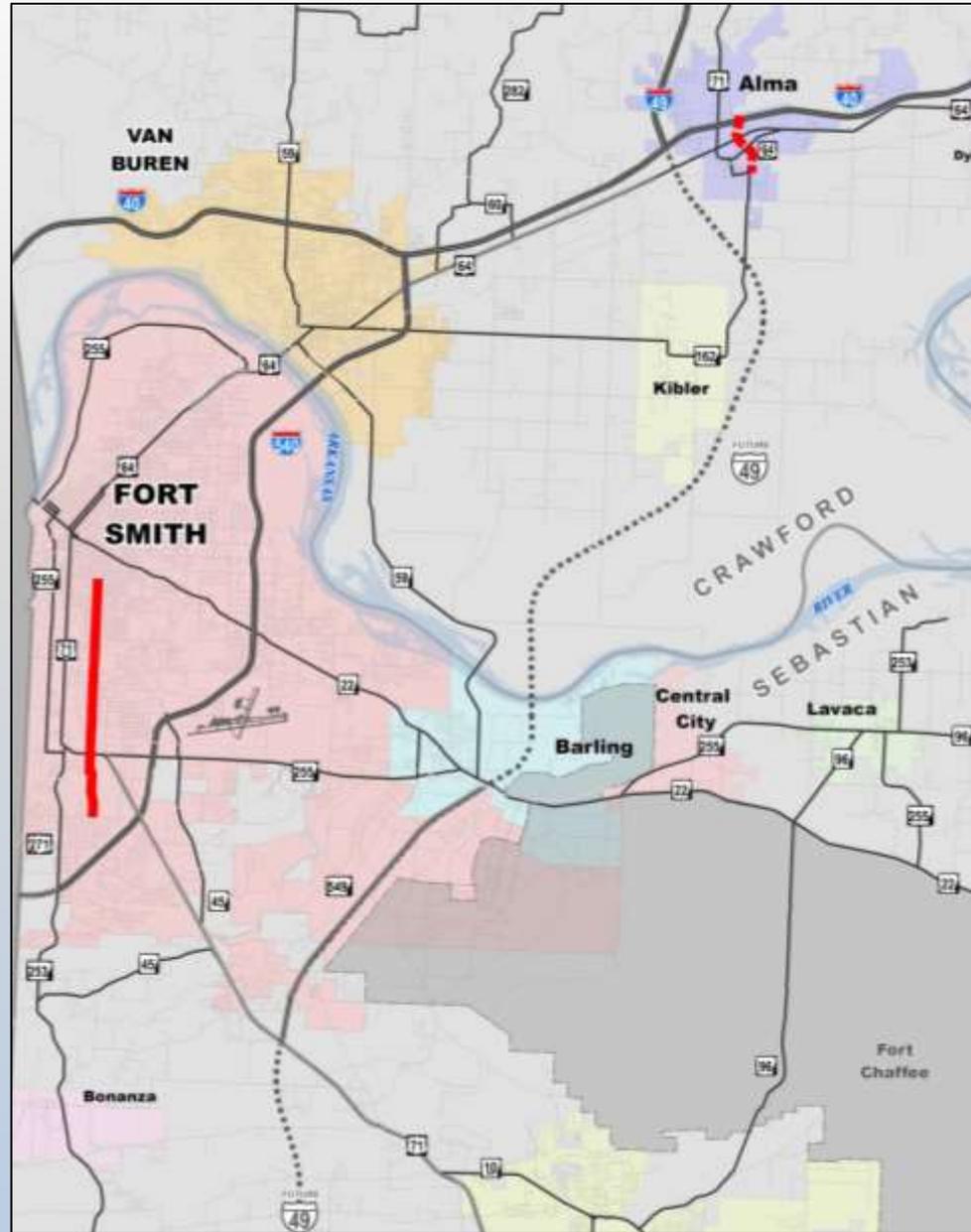
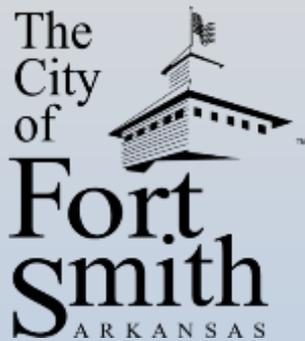


Under Construction



Under Construction

**\$28.7 Million
City Street Widening**





Scheduled

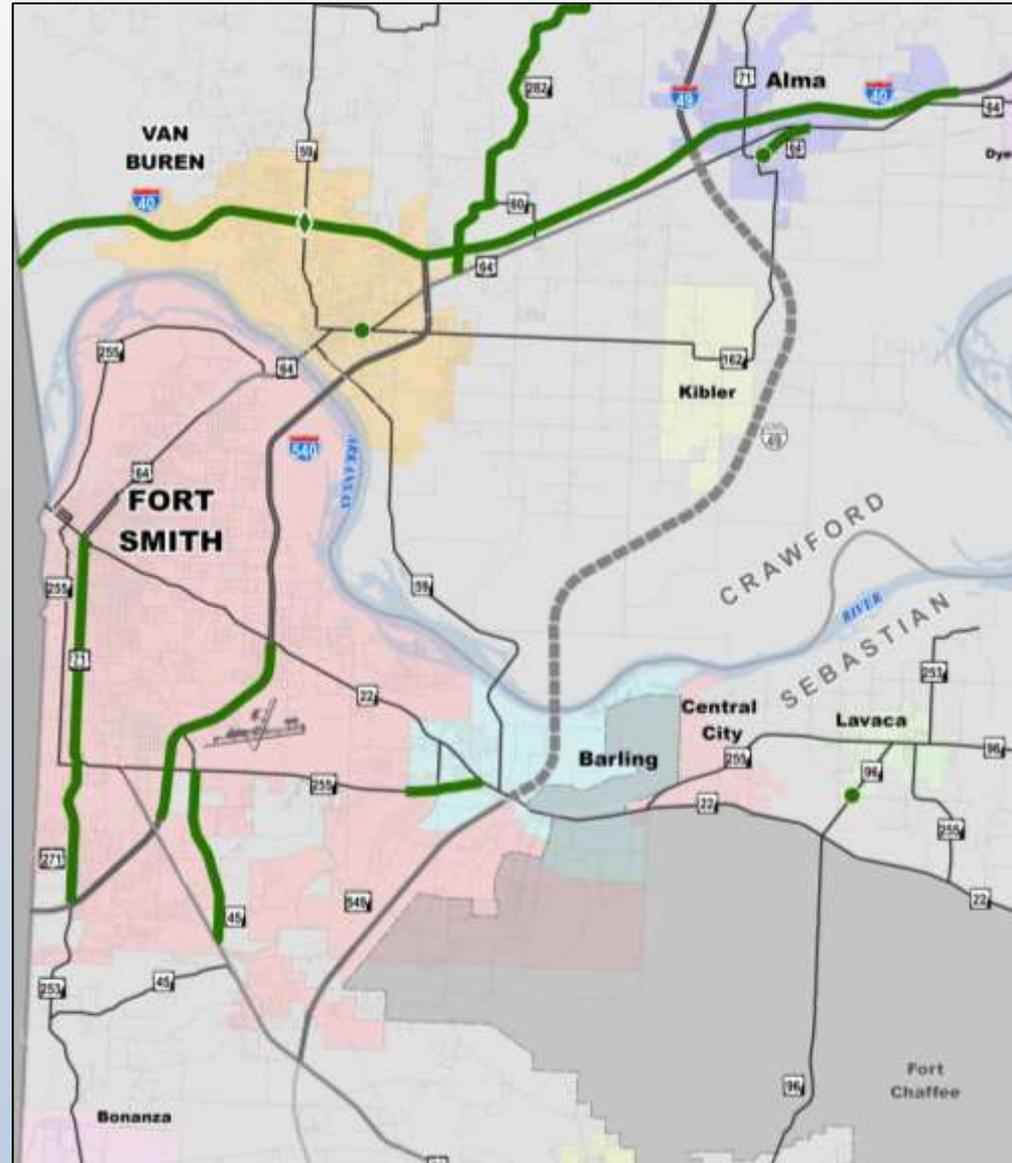
Scheduled

Rehabilitation (8 projects)
47.2 Miles / \$37.9 Million

Widening (2 projects)
6.3 Miles / \$28 Million

Bridge Replacement
(2 projects)
\$4.4 Million

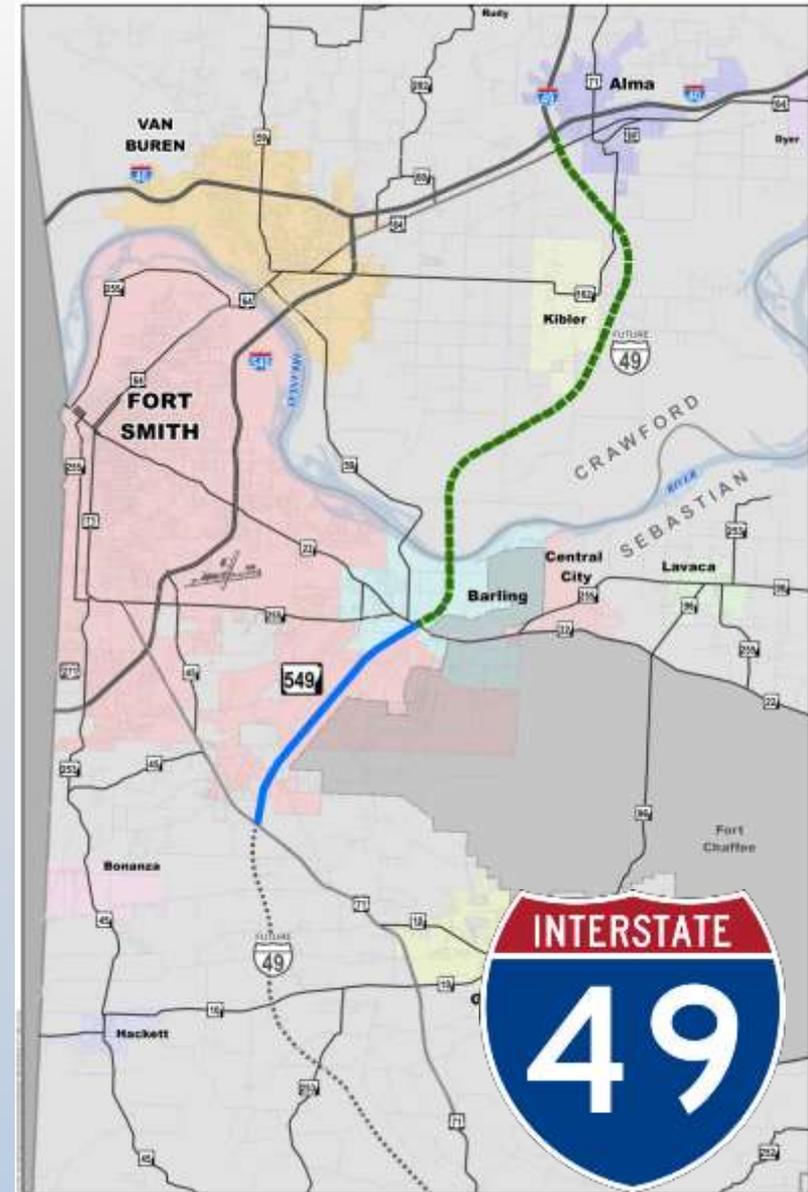
Preliminary Engineering
I-40/Hwy. 59
Interchange Improvements
\$700,000





Future Interstate 49

- Highway 22 to Interstate 40
- Alignment Approved 1997
- STIP –
Preliminary Engineering \$10 M
- Consultant Services
 - ✓ Environmental Reassessment
 - ✓ Conceptual Design
 - ✓ Cost Estimate
 - ✓ Toll Feasibility
 - ✓ Design/Build/Finance/
Operate/Maintain

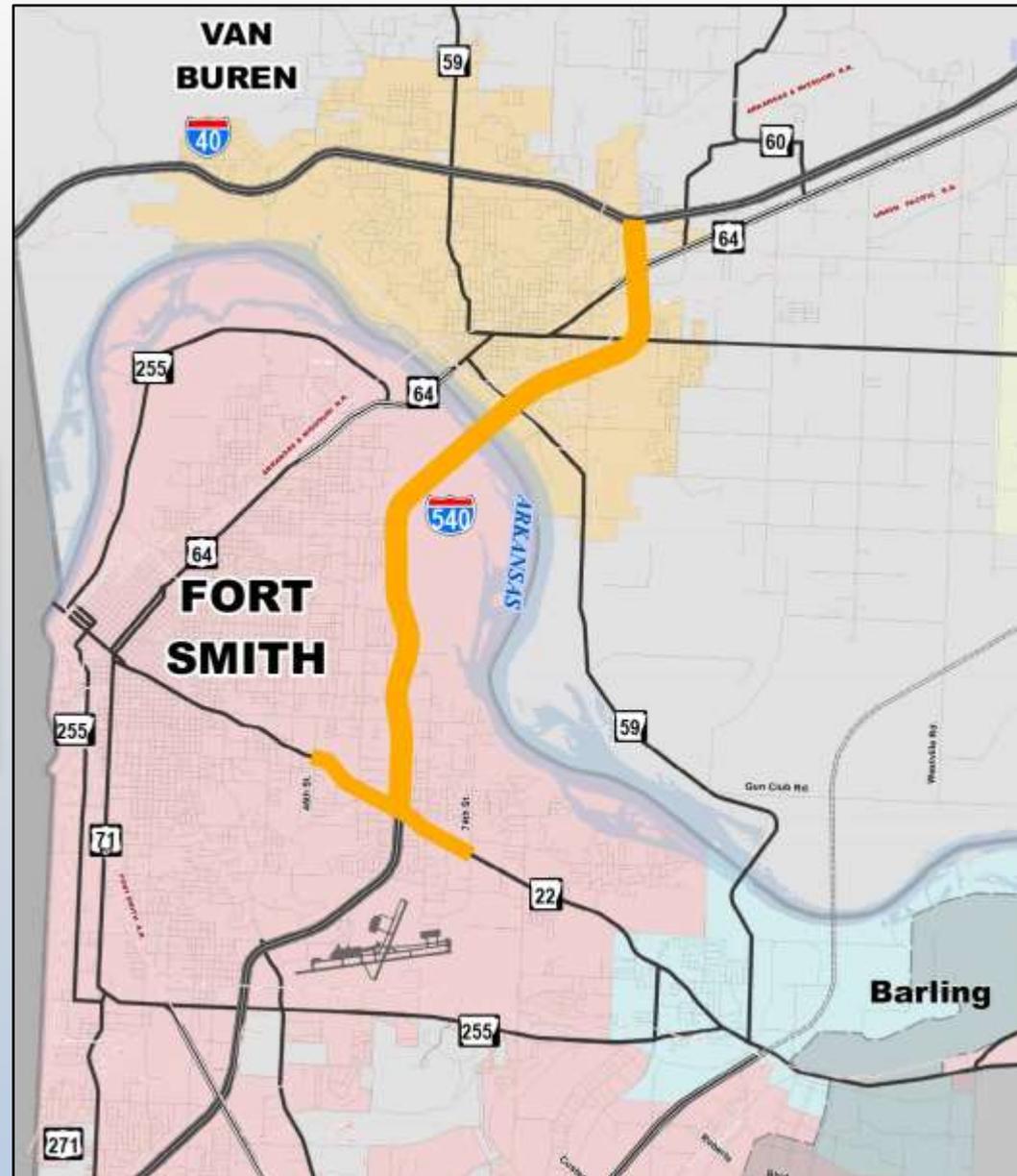




Studies for Future Construction

Study

Capacity Improvement
Study for I-540 & Hwy. 22 in
Fort Smith & Van Buren





Review – All Activities

Completed

10 Projects

37.4 Miles

\$188.3 Million

Under Construction

2 Projects

3.7 Miles

\$38.3 Million

Scheduled

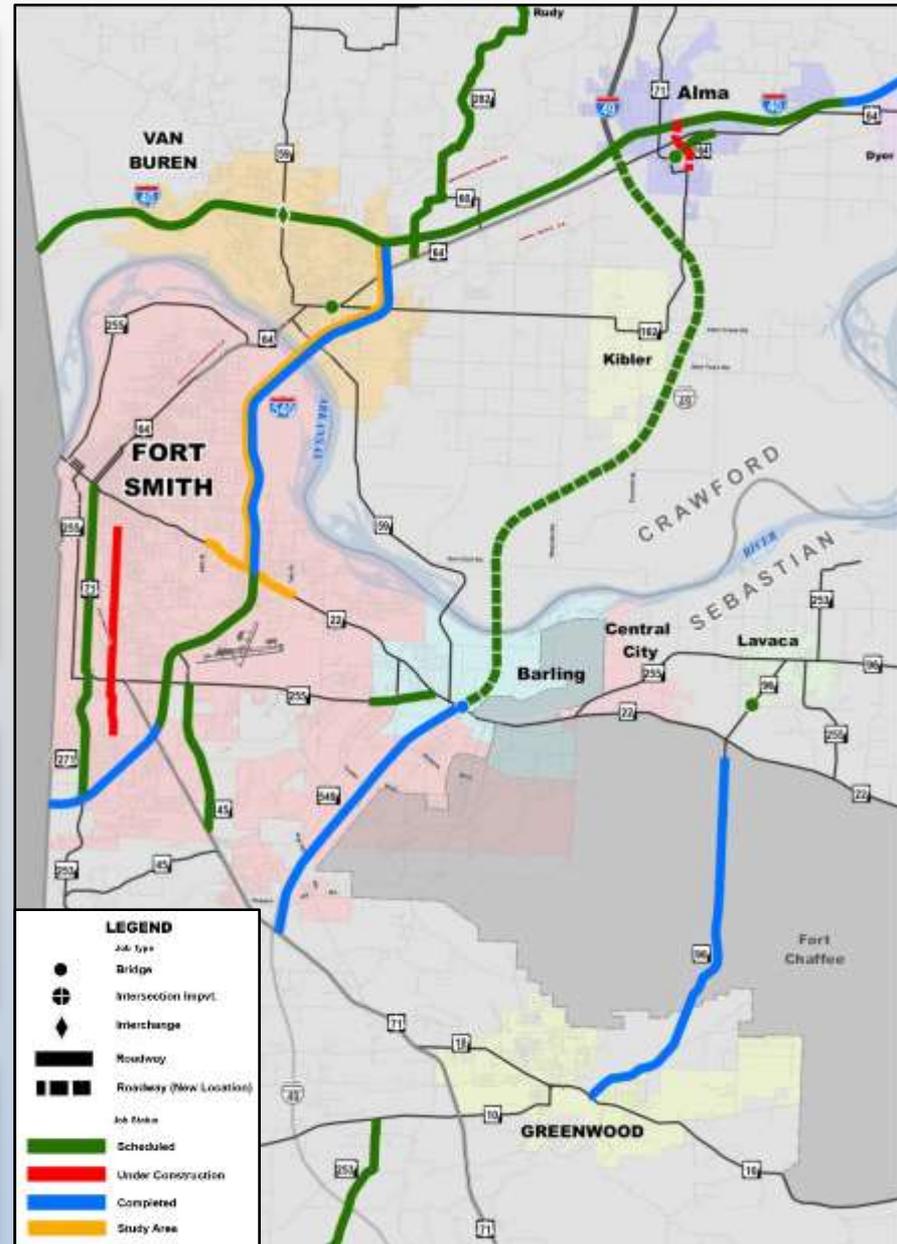
14 Projects

53.52 Miles

\$138.9 Million

Study

Capacity Improvement Study for I-540 & Hwy. 22
in Fort Smith & Van Buren





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



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Questions?

