

Emanuel Banks, P.E.
Deputy Director & Chief Engineer



Little Rock Metro Rotary Club
January 9, 2020

***Provide safe and efficient
transportation solutions to support
Arkansas' economy and enhance the
quality of life for generations to come.***

Safety

- Safety first in all we do

Public Service

- Focus on the greater good

Teamwork

- One vision through collaboration and communication

Quality

- Deliver reliable transportation solutions

Integrity

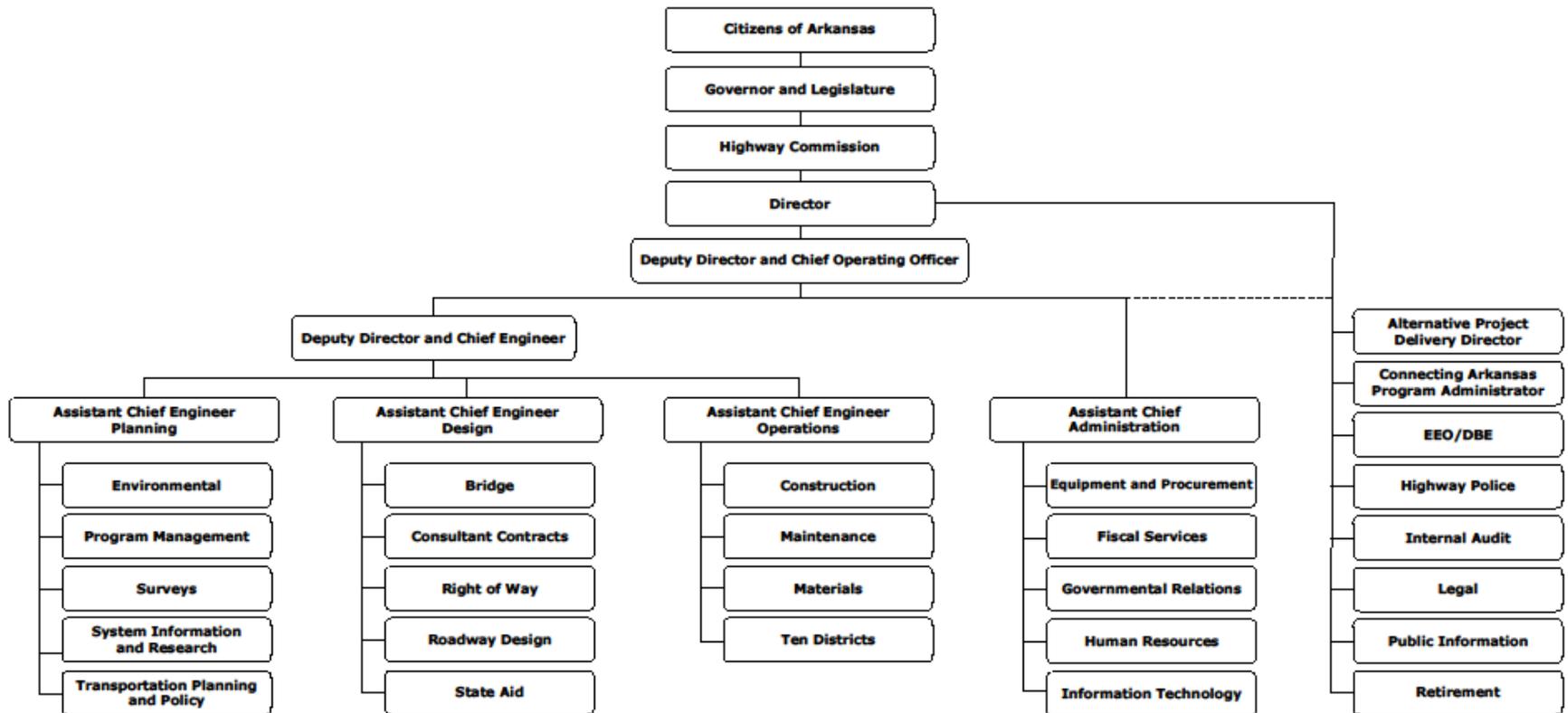
- Commitment to ethics and transparency

Efficiency

- Achieve maximum benefit through fiscal responsibility

ARDOT Organization Chart

ARKANSAS DEPARTMENT OF TRANSPORTATION ORGANIZATION CHART



Scott S. Bennett

February 1, 2019

Director

Arkansas State Highway Commission



Thomas B. Schueck
Chairman



Robert S. Moore, Jr.
Vice Chairman



Alec Farmer
Member



Philip Taldo
Member



Keith Gibson
Member

Scott Bennett, Director



Director since 2011

Deputy Directors



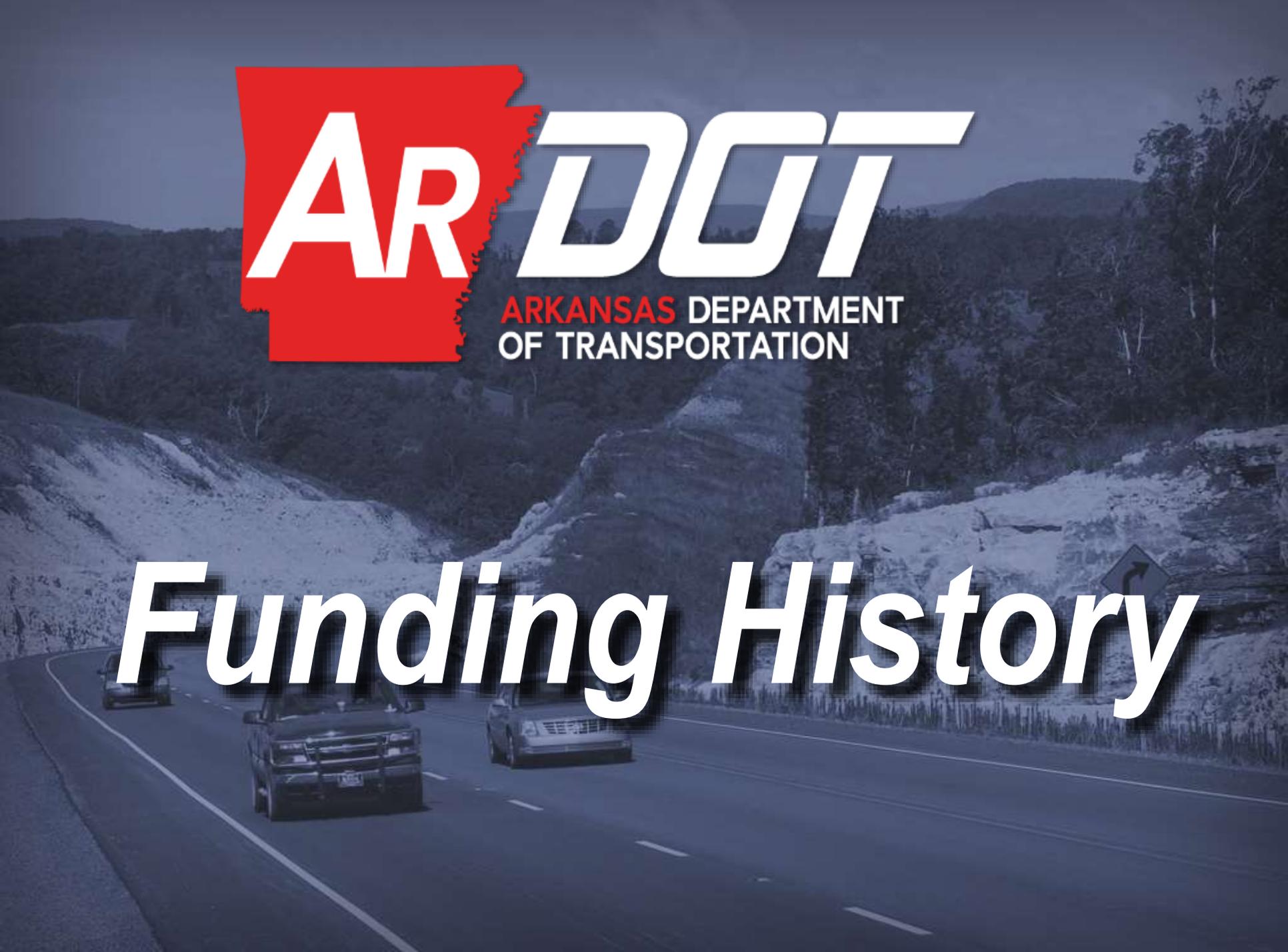
Lorie Tudor
Deputy Director and
Chief Operating
Officer



Emanuel Banks
Deputy Director and
Chief Engineer



Funding History



Moving Forward: Roads and Bridges Coalition



Business matters.



The POULTRY FEDERATION

AGCARKANSAS

Roads and Bridges Coalition

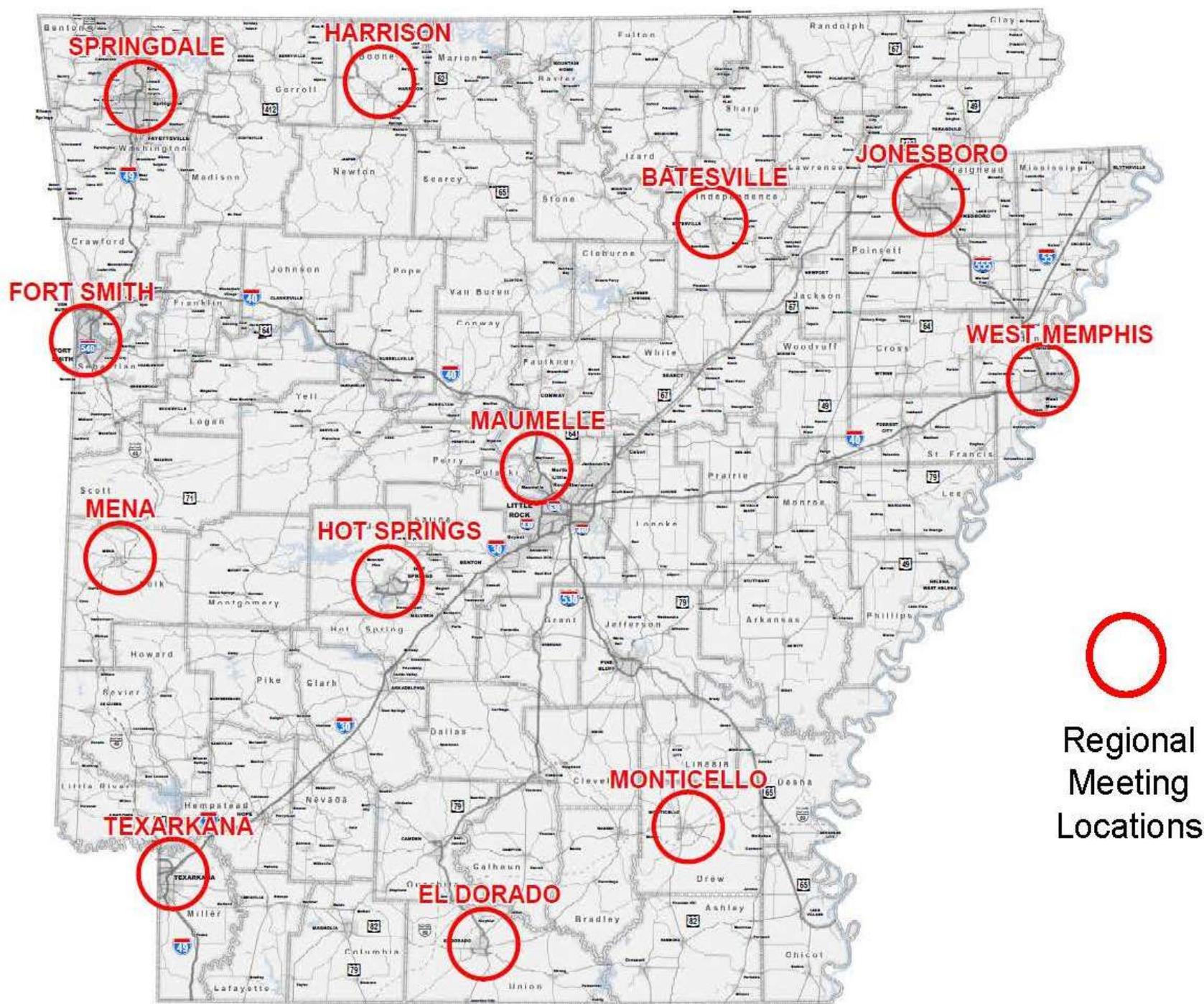
November 15, 9:30 a.m.

Campaign Kickoff



Poultry Federation
Governor's Speech

2020 Regional Meetings



Open House: 5:30-6:15
Presentation: 6:30-8:30

Monticello - January 21
UAM Fine Arts Center

Hot Springs - February 20
Crossgate Church

West Memphis - January 23
Academies of West Memphis

Maumelle - March 9
Jess Odom Community Center

Harrison - January 28
Harrison High School

Springdale - March 10
The Jones Center

Texarkana - January 30
Trinity Baptist Church

Batesville - March 12
UACCB - Independence Hall

Mena - February 11
U of A Rich Mountain

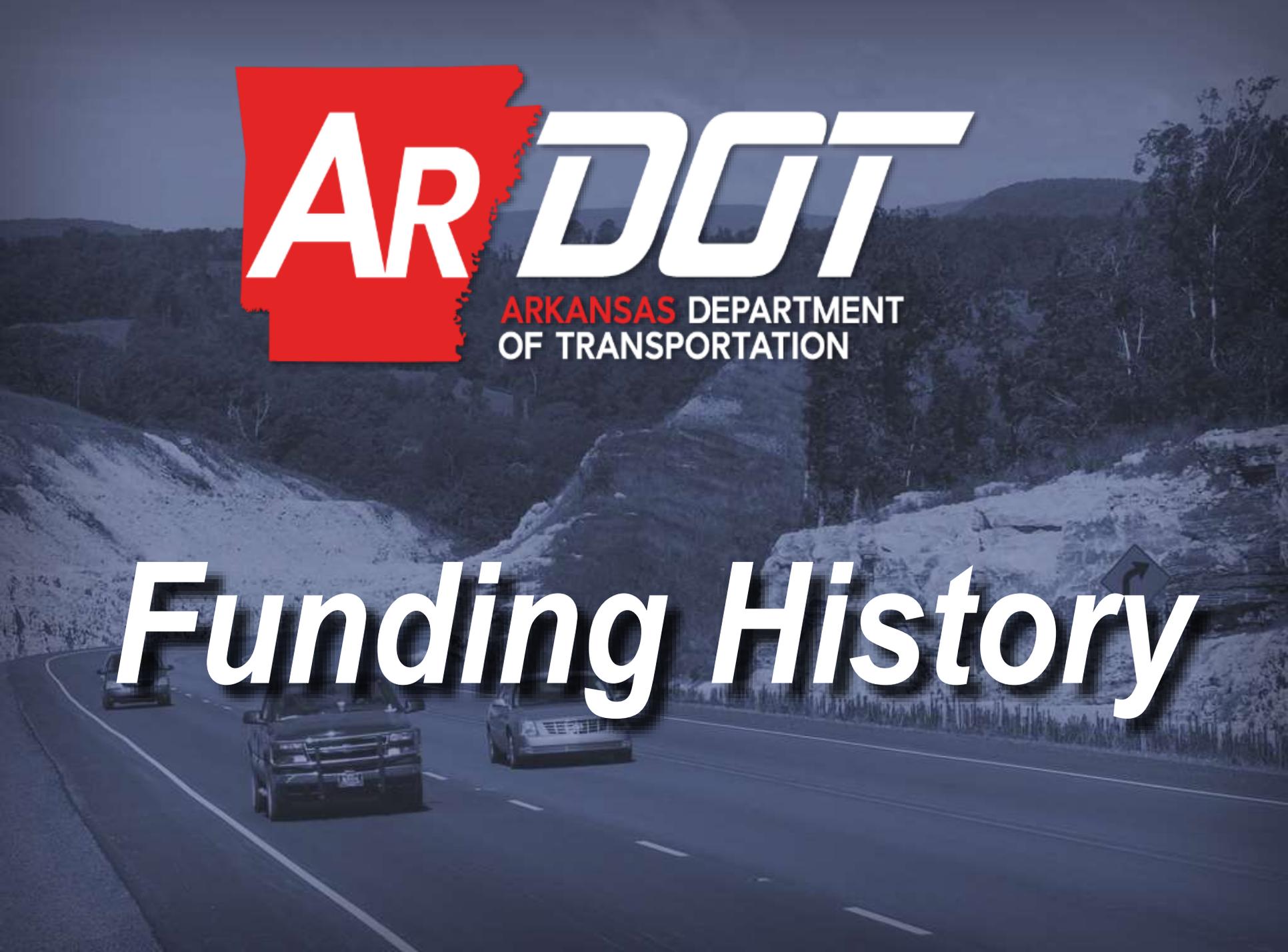
Jonesboro - March 31
ASU - 1st National Bank Arena

Ft. Smith - February 13
The Blue Lion

El Dorado - April 2
El Dorado Municipal Auditorium



Funding History





Challenges

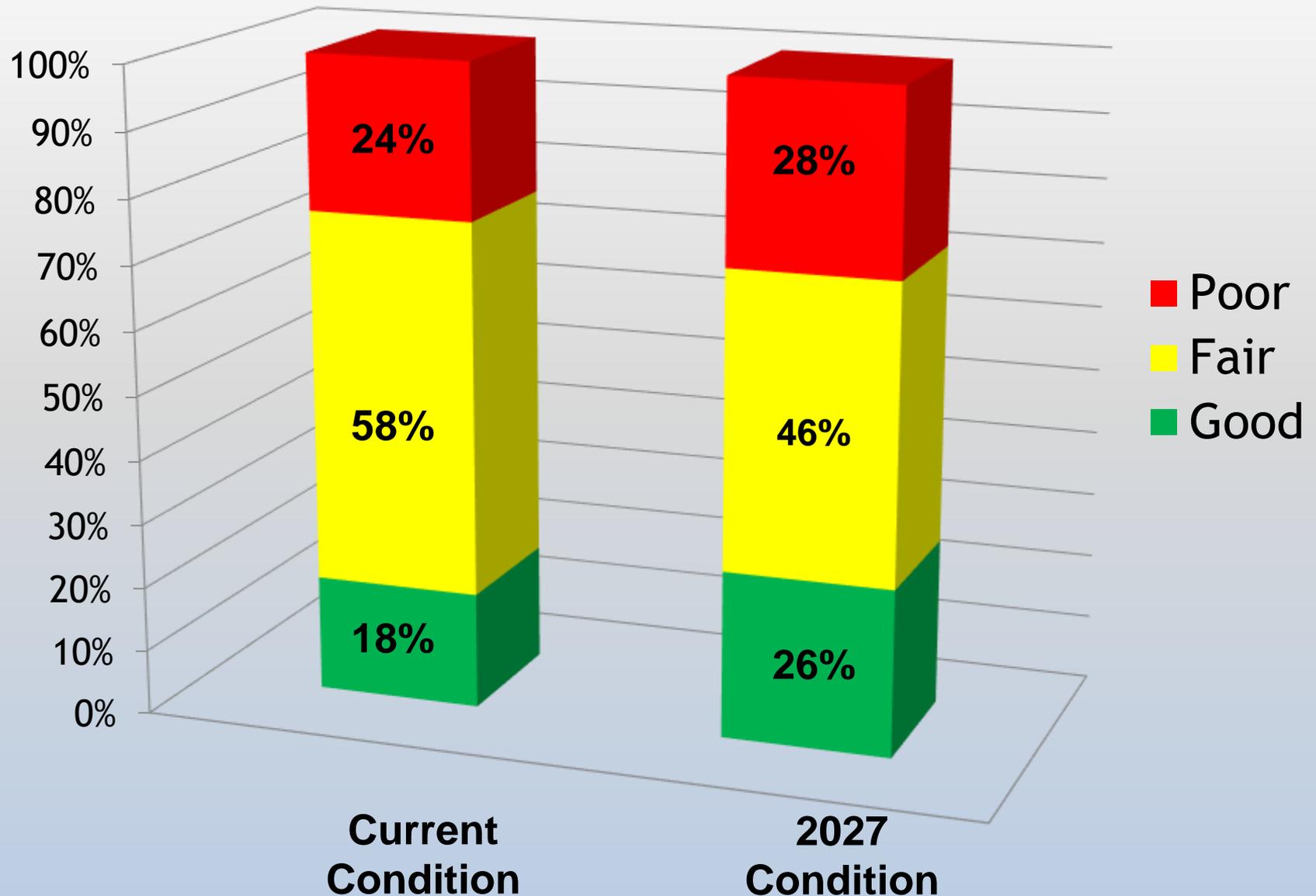
- **12th** largest system in the country
 - **41st** in highway revenue per mile.
-

- **\$9.3 billion** in needs
- **\$4.5 billion** in available revenue

“This is a problem that we can’t leave for our children or grandchildren to solve.”

*~Arkansas Department of Transportation Director
Scott Bennett*

All State Highways – Including Interstates



Pay a **Little** Now



Overlay
\$100,000
per lane mile

Pay a **Whole Lot** Later



Reconstruction
\$1,500,000
per lane mile

\$10,000,000 Overlay Program

THEN

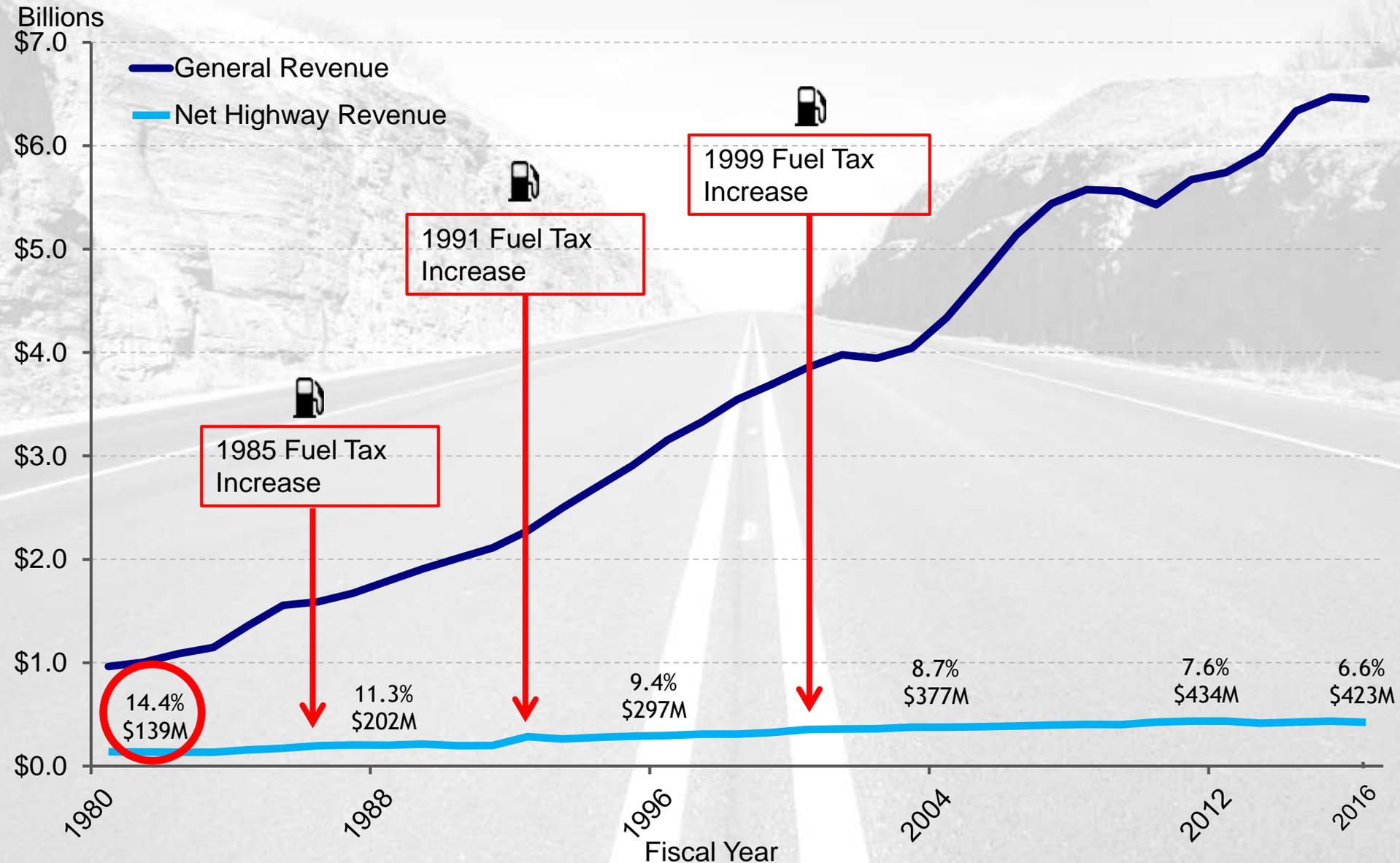
In 1995, **200 miles** of highway could be overlaid with \$10 million.

NOW

Using \$10 million today, only **54 miles** of highway can be overlaid.

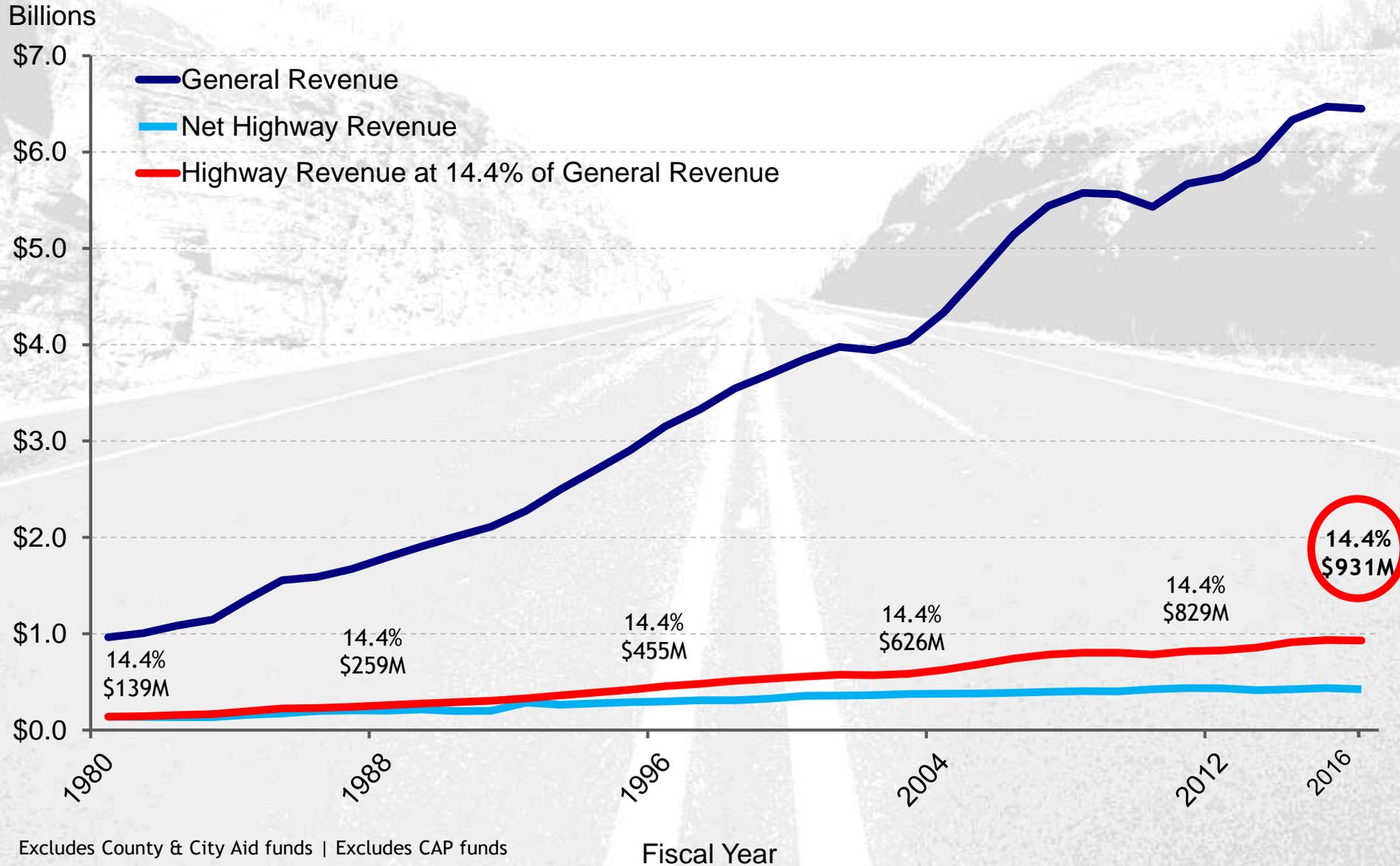


Percent of Highway vs. General Revenue



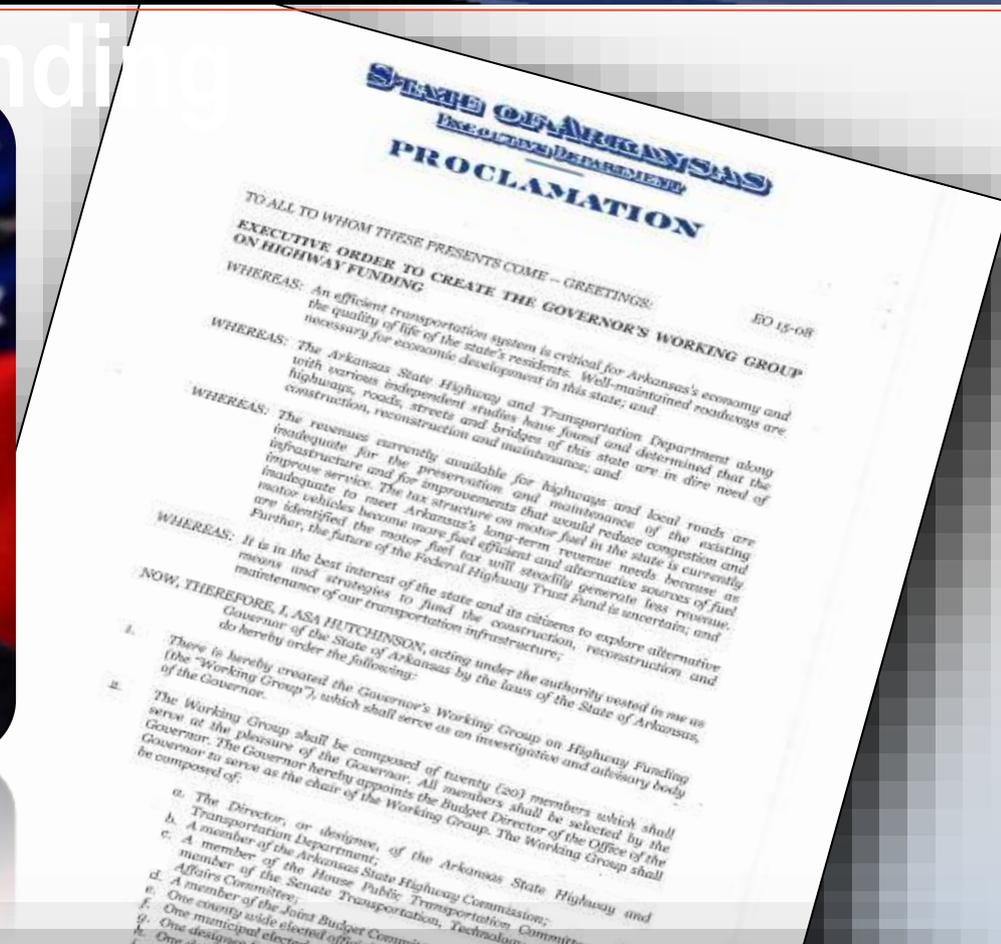
Excludes County & City Aid funds | Excludes CAP funds

Highway Revenue at 14.4% of General Revenue



Governor's Working Group on Highway

Funding



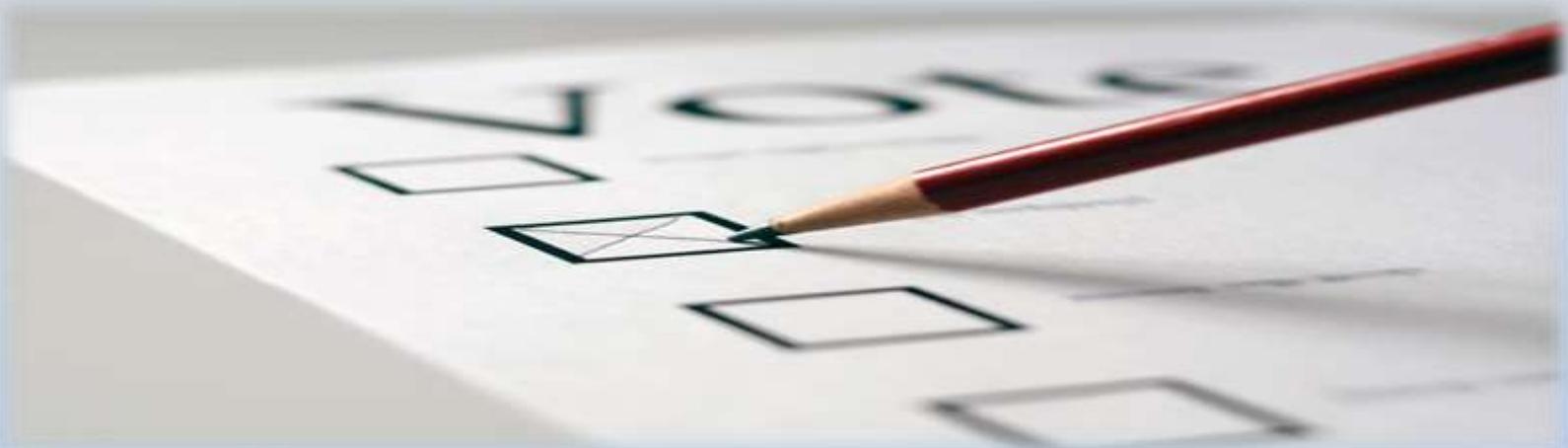
“An efficient transportation system is critical for Arkansas’ economy and the quality of life of the state’s residents.”

Governor's Highway Funding Working Group

Funding Targets

- ✓ Immediate: \$ 50 Million
- ✓ Short-term (0-3 years): \$110 Million
- ✓ Mid-term (3-5 years): \$250 Million
- ✓ Long-term (6-9 years): \$400 Million

All figures are annual amounts for state highways.



Arkansas State Legislative Audit

Exhibit III

Arkansas Department of Transportation (ARDOT) Summary of Annual State Funds Needed to Meet Proposed Highway Construction Plan Over a 10-Year Period

| Description | Annual Funds Needed for Highway Construction Plan | Annual Funds Available for Highway Construction | Annual Funds Needed to Meet Construction Plan |
|---|---|---|---|
| System Preservation | | | |
| Pavement | \$ 387,000,000 | \$ 137,000,000 | \$ 250,000,000 |
| Bridges | 117,000,000 | 90,000,000 | 27,000,000 |
| Total System Preservation | 504,000,000 | 227,000,000 | 277,000,000 |
| Capacity Relief | 305,000,000 | 157,000,000 | 148,000,000 |
| Safety Improvements | 86,000,000 | 44,000,000 | 42,000,000 |
| Maintenance | | | |
| Equipment upgrades | 19,000,000 | 19,000,000 | |
| Facilities upgrades | 8,000,000 | | 8,000,000 |
| Intelligent Transportation System (ITS) | 3,000,000 | | 3,000,000 |
| Total Maintenance | 30,000,000 | 19,000,000 | 11,000,000 |
| Totals | \$ 925,000,000 | \$ 447,000,000 | \$ 478,000,000 |

\$ 478,000,000

Note: Amounts shown are rounded.



*Promises Made
Promises Kept*

Promises Made – Promises Kept

1999 IRP

- 50 Projects
- 356 Miles
- \$973 Million



2011 IRP

- 83 Projects
- 494 Miles
- \$1.51 Billion

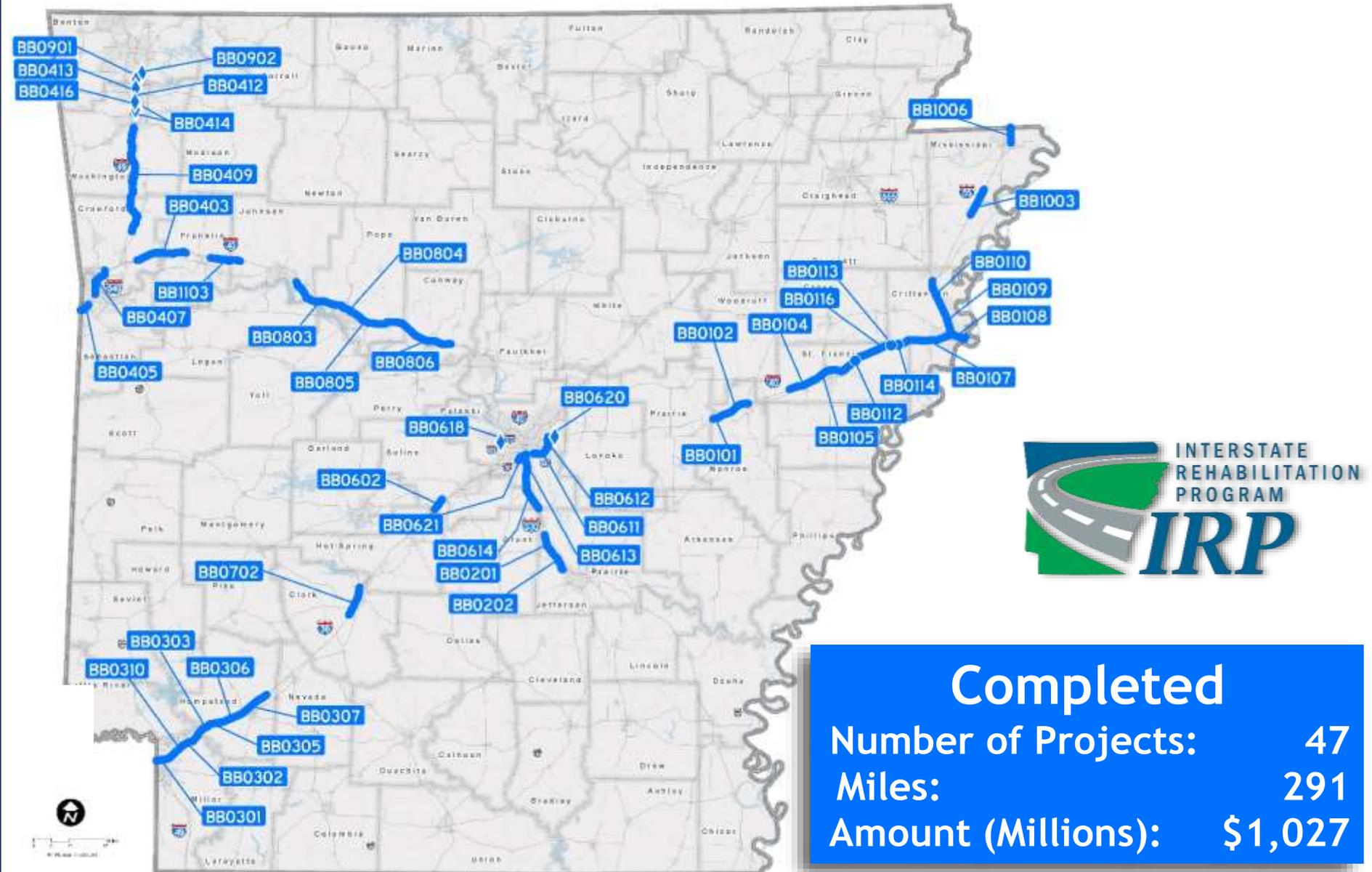


2012 CAP

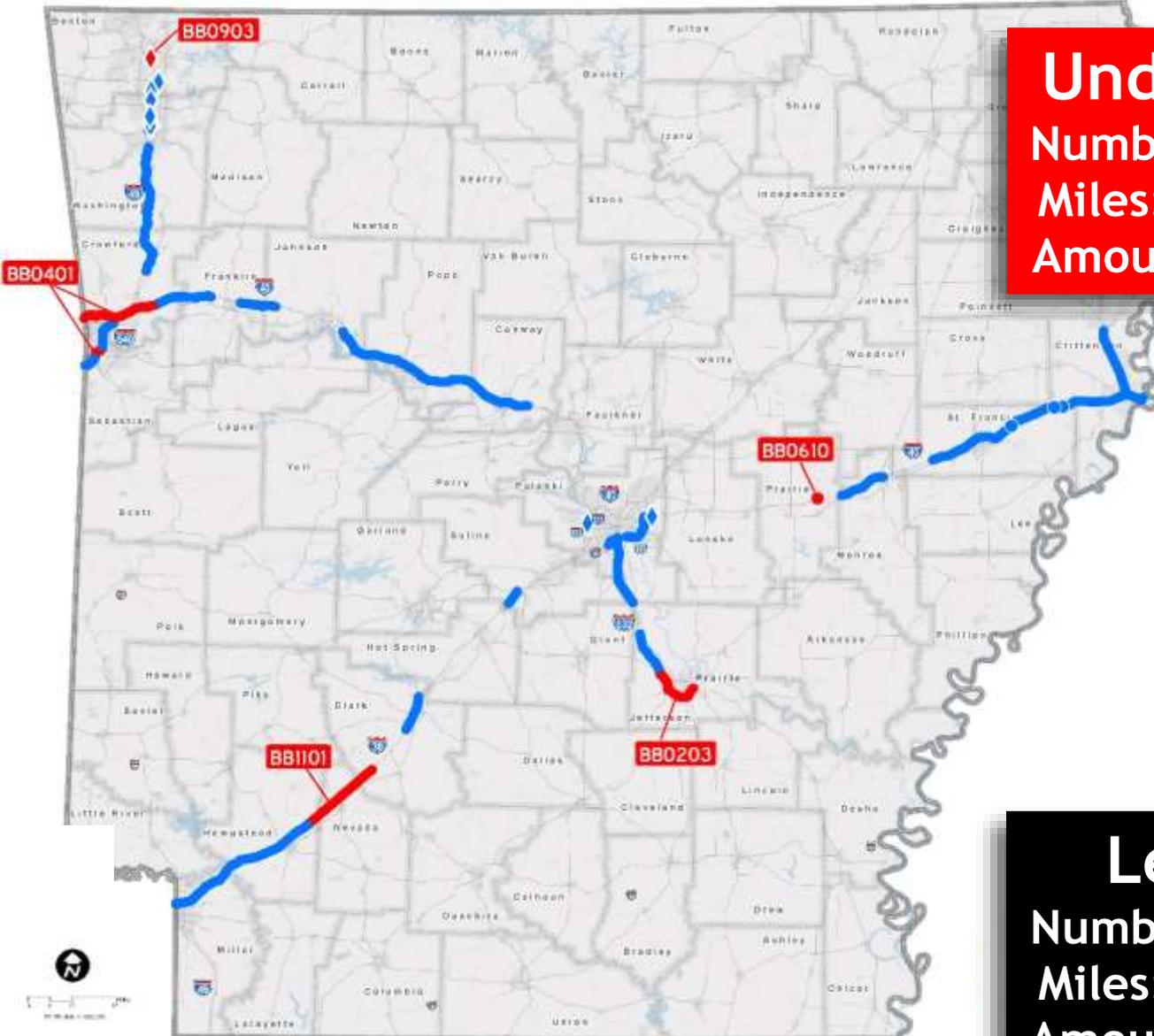
- 36 Projects
- 185 Miles
- \$1.9 Billion



Interstate Rehabilitation Program



Interstate Rehabilitation Program



Under Construction

| | |
|---------------------|-------|
| Number of Projects: | 5 |
| Miles: | 53 |
| Amount (Millions): | \$287 |



Let To Contract

| | |
|---------------------|---------|
| Number of Projects: | 52 |
| Miles: | 344 |
| Amount (Millions): | \$1,314 |

Interstate Rehabilitation Program



Scheduled

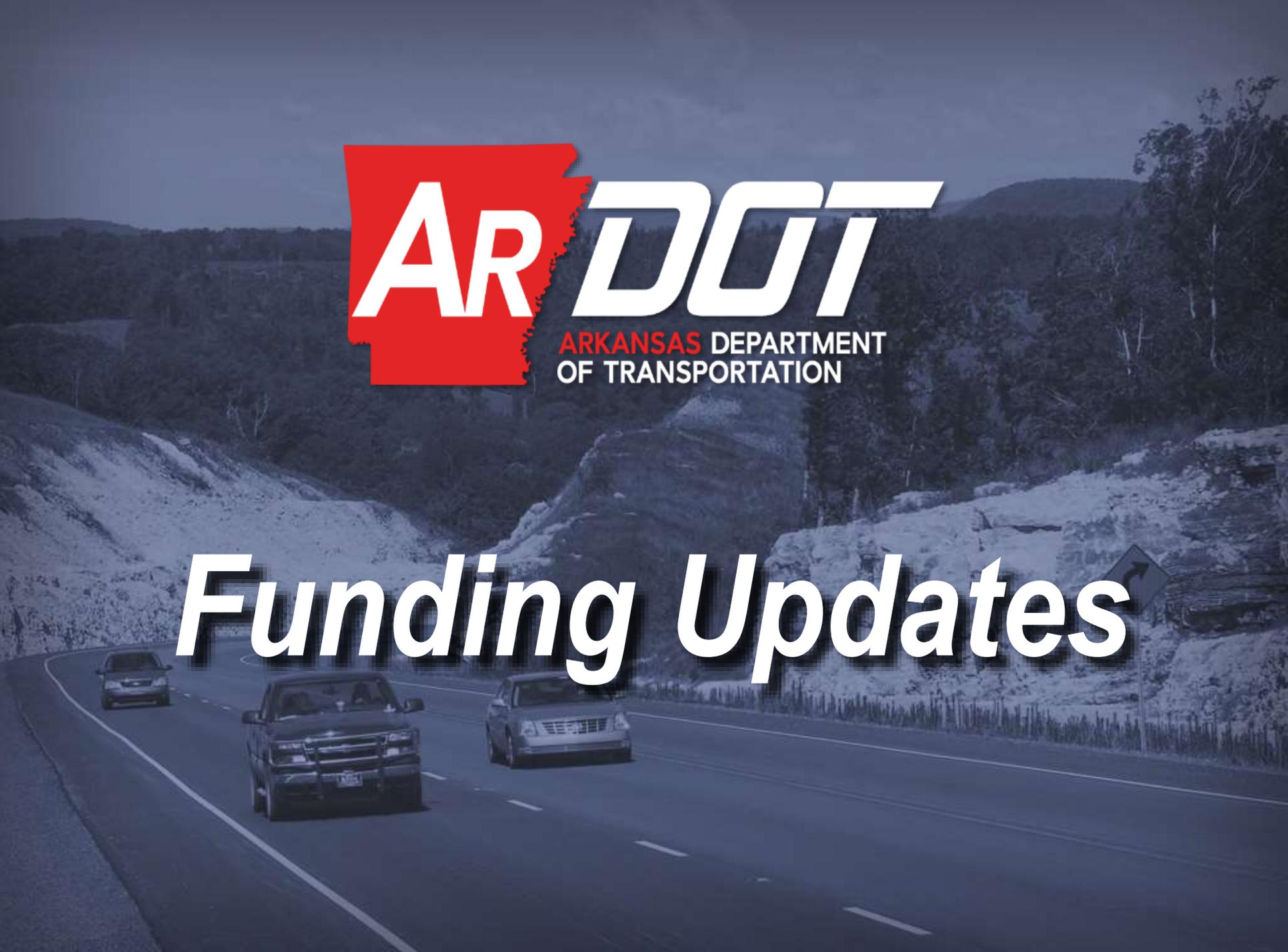
| | |
|---------------------|-------|
| Number of Projects: | 27 |
| Miles: | 160 |
| Amount (Millions): | \$219 |

Total Program

| | |
|---------------------|---------|
| Number of Projects: | 79 |
| Miles: | 504 |
| Amount (Millions): | \$1,533 |



Funding Updates



Act 416 Summary

Motor Fuel Tax

\$ 58 Million

Electric and Hybrid Vehicle Registration Fees

\$ 2 Million

Casino Revenue

\$ 35 Million

Total to ARDOT

\$ 95 Million



Proposed Constitutional Amendment

General Election Ballot – November 2020

½-Cent Sales Tax Permanent after SFY 2023

Will Continue to Provide **\$205 Million** to ARDOT Annually

Will Continue to Provide **\$43 Million** to Cities Annually

Will Continue to Provide **\$43 Million** to Counties Annually

Failure of the proposal at the polls will mean a reduction in funding to ARDOT, cities, and counties.

Plan Summary

Act 416 of 2019

\$ 95 Million

(Immediate Funding dedicated to System Preservation)

Proposed Amendment

\$205 Million

(Funding for System Preservation plus Capital Projects beginning in SFY 2024)

Total to ARDOT

\$300 Million

Benefits from Additional \$300 Million Per Year

Provide \$8.2 Billion in Economic Activity over 10 Years*

Support 3,596 Jobs Each Year*

Maintain Interstates in a State of Good Repair

Improve Approx. 6,900 Miles of Non-Interstate Highways over 10 Years

Repair/Replace Structurally Deficient and Posted Bridges over 10 Years

Increase Safety Improvements

Implement a Second Connecting Arkansas Program (CAP-2)

* **Source:** *"The Economic Impacts of an Annual \$478 Million Increase in Arkansas Highway, Street and Bridge Construction Investment,"* prepared by the American Road & Transportation Builders Association (ARTBA), October 2018; data prorated for \$300 million in additional annual revenue.

Annual Revenue Available

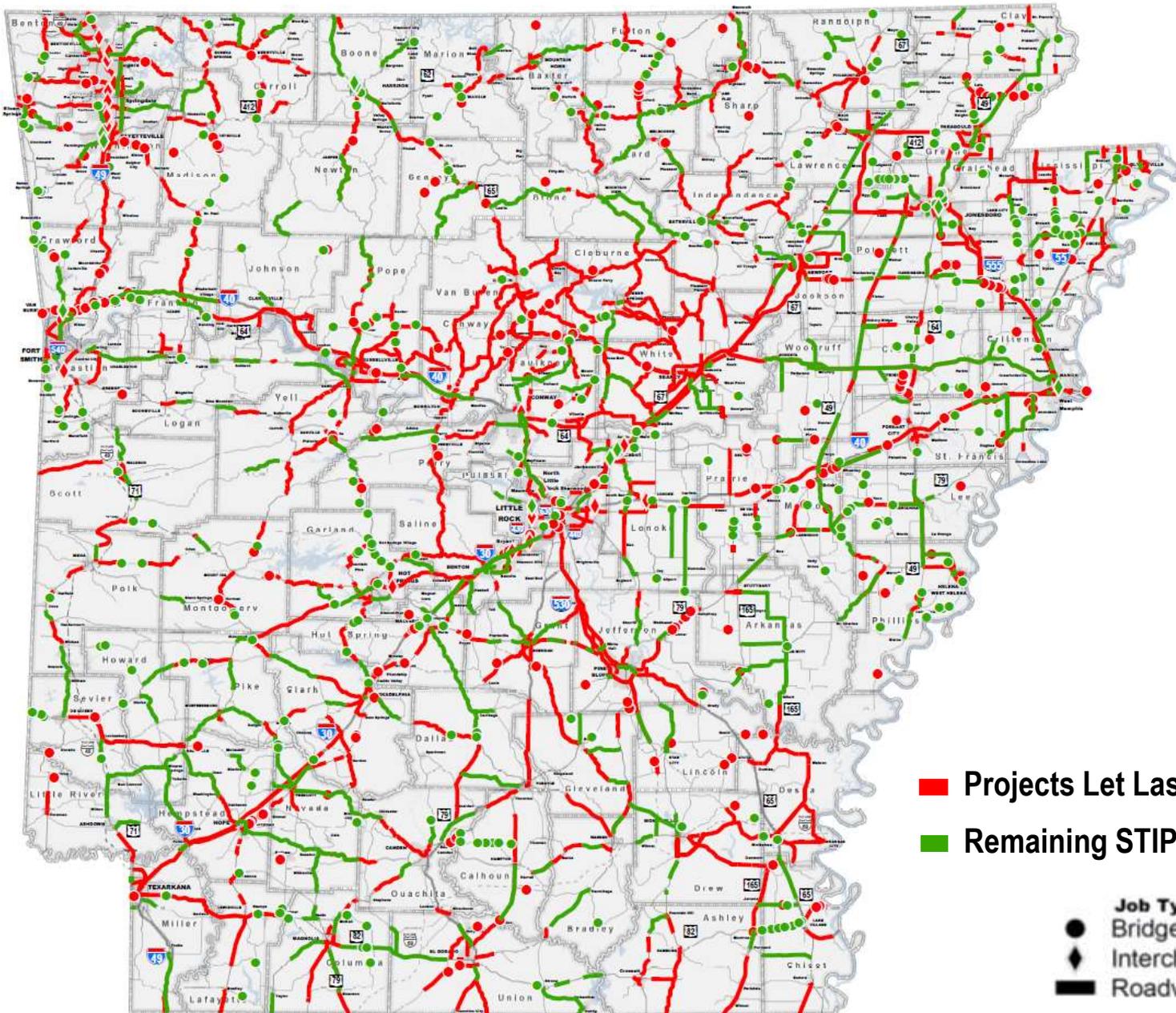
If the Constitutional Amendment passes,
Annual Revenue Expected to be Available
Beginning in SFY 2024 (July 2023):

| | |
|---------------------------------|-----------------------|
| Act 416 of 2019 | \$ 95 Million |
| Proposed Amendment | \$ 205 Million |
| Current Construction Program | <u>\$ 440 Million</u> |
| Total Available SFY 2024 | \$ 740 Million |

Commission-Adopted Plan

| | |
|---|-----------------------|
| • Pavement Preservation | \$ 3.0 Billion |
| • Bridge Improvements and Preservation | \$ 1.1 Billion |
| • Interstate Maintenance | \$ 1.0 Billion |
| • Safety Improvements | \$ 0.5 Billion |
| • Capital and Congestion Relief (CAP-2) | <u>\$ 1.8 Billion</u> |
| 10-Year Total | \$ 7.4 Billion |

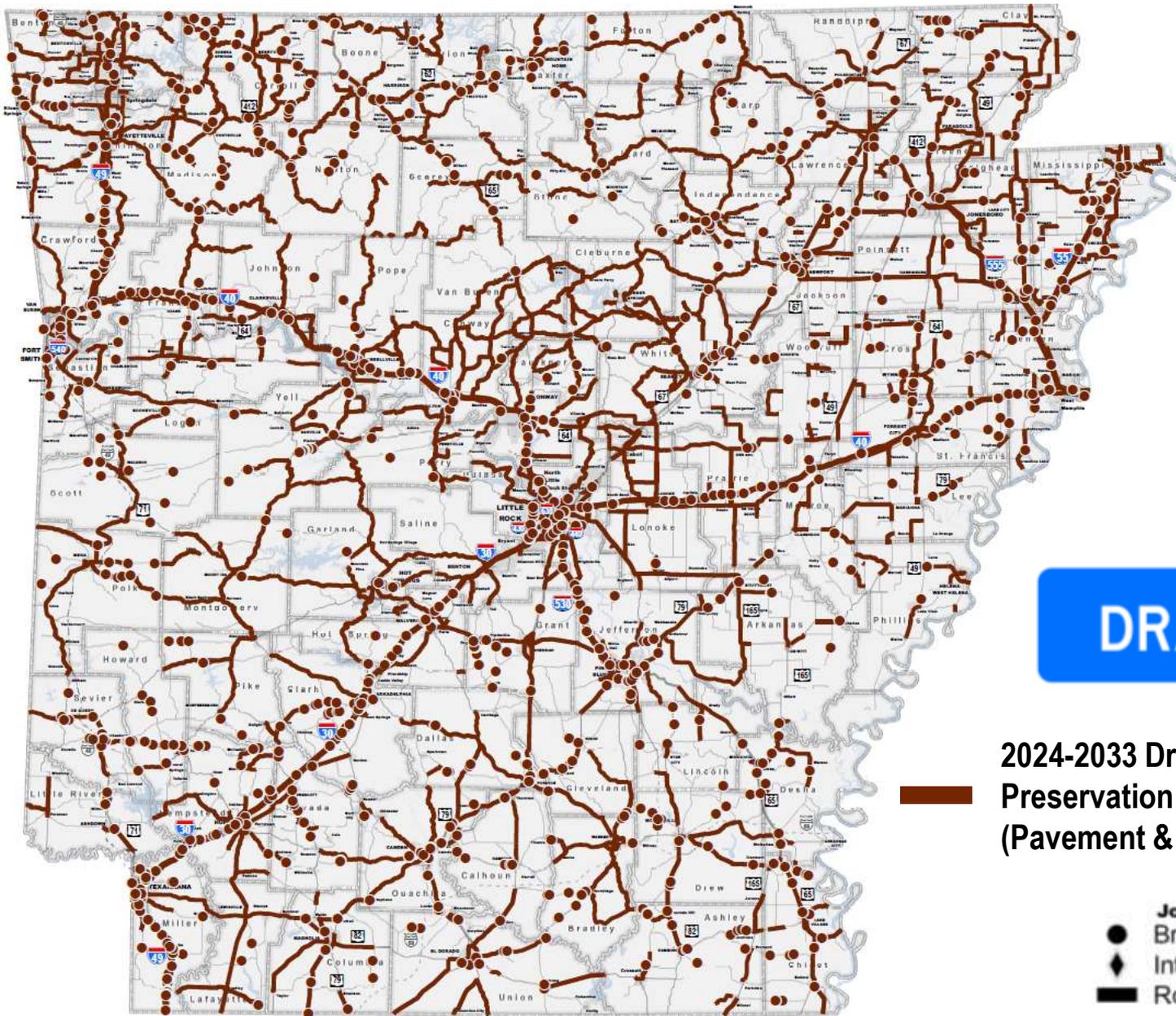
New Highway Program



- Projects Let Last 10 Years
- Remaining STIP Through 2023

- Job Type
Bridge
- ◆ Interchange
- ▬ Roadway

New Highway Program



DRAFT

**2024-2033 Draft Program of
Preservation Projects
(Pavement & Bridges)**



- Job Type**
- Bridge
 - ◆ Interchange
 - ▬ Roadway

Second Connecting Arkansas Program - Draft

New Highway Program

| Route | Termini | Average Daily Traffic | Amount (x \$1 Million) |
|----------------|---|----------------------------|------------------------|
| I-30 | Texas State Line – Interstate 49 (Texarkana) | 38,000 | \$ 20 |
| I-30 & I-40 | Central Arkansas | 120,000 – 125,000 | \$350 |
| I-40 | North Little Rock to West Memphis (Selected Sections) | 35,000 – 42,000 | \$475 |
| I-430 | Interstate 30 to Interstate 40 | 88,000 | \$ 30 |
| I-630 | Operational Improvements | 112,000 | \$ 40 |
| Hwy. 5 | State Highway 183 to Pulaski County Line | 12,000 | \$ 25 |
| Hwy. 10 | Greenwood Bypass | 14,000 | \$ 25 |
| Hwy. 10 | Chenal Parkway – East (Selected Sections) | 42,000 | \$ 25 |
| Hwy. 22 | Fort Smith to Charleston (Selected Sections) | 8,300 | \$ 25 |
| Hwy. 49 | Paragould to Marmaduke | 6,000 | \$ 30 |
| Hwys. 65 & 65B | U.S. Highways 65 & 65B – Harrison (Selected Sections) | 27,000 | \$ 60 |
| Hwy. 65B | Conway Area (Selected Sections) | 18,000 – 39,000 | \$ 50 |
| Hwy. 100 | Counts Massie Rd. to Interstate 430 | 53,000 | \$ 20 |
| Hwy. 107 | General Samuels Rd. to LRAFB | 8,600 | \$ 10 |
| Hwy. 112 | Fayetteville to Bentonville (Selected Sections) | 10,000 | \$100 |
| Hwy. 165 | North Little Rock to England (Selected Sections) | 6,800 – 16,000 | \$ 20 |
| Hwy. 167 | Cave City – North | 8,000 | \$ 50 |
| Hwy. 270 | U.S. Highway 270 Interchanges – Hot Springs | 30,000 – 41,000 | \$ 45 |
| Various | Jonesboro Area (Selected Sections) <i>Eastern Bypass & U.S. Highway 49</i> | 4,000 – 12,000 & 40,000 | \$ 50 |

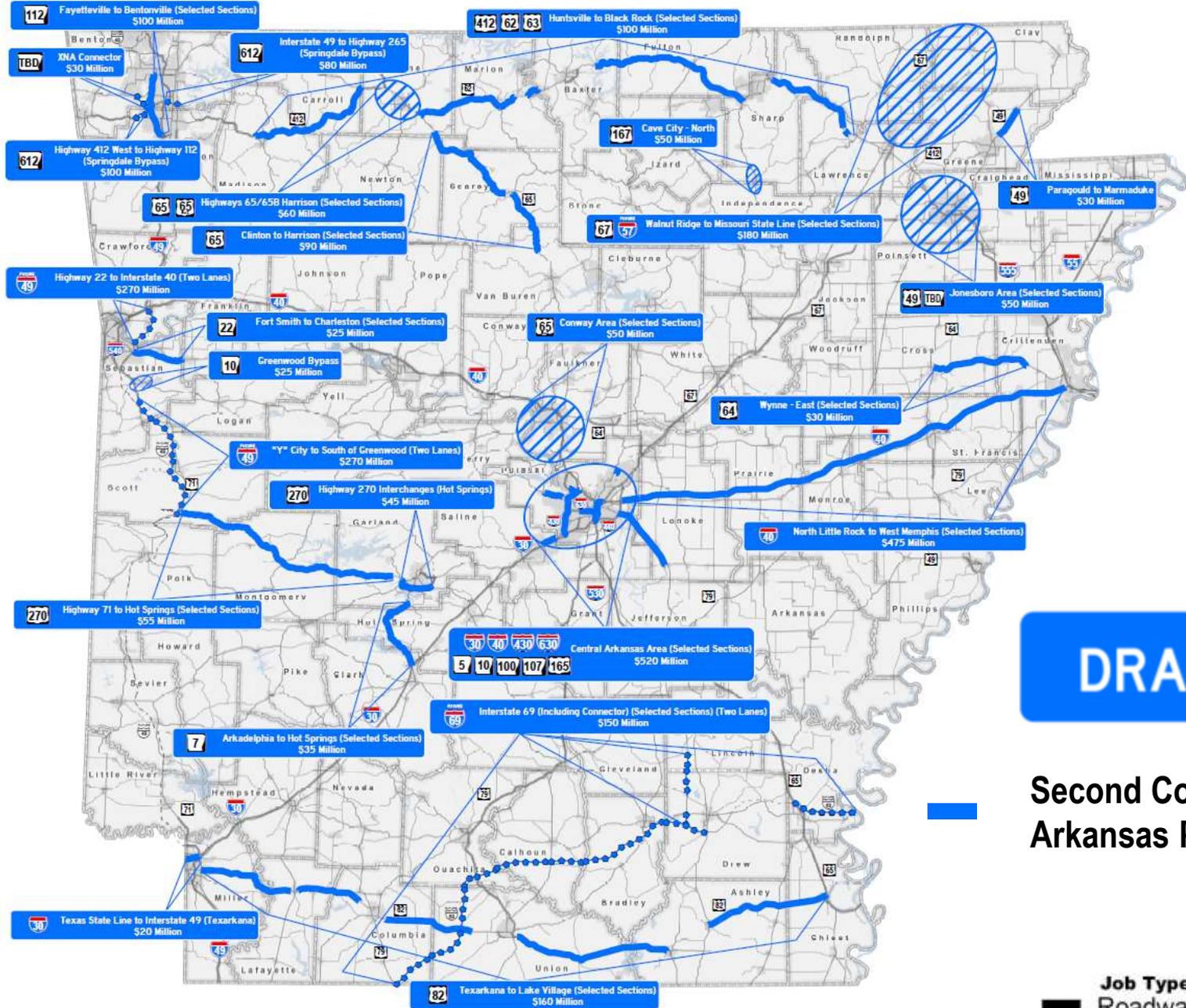
Second Connecting Arkansas Program - Draft

New Highway Program

| Route | Termini | Average Daily Traffic | Amount (x \$1 Million) |
|-----------------------|---|-----------------------|------------------------|
| Future I-49 | State Highway 22 to Interstate 40 (Two Lanes) | 5,000 – 10,000 | \$270 |
| Future I-49 | “Y” City to South of Greenwood (Two Lanes) | 3,000 | \$270 |
| Future I-69 | Interstate 69 (Including Connector) (Selected Sections) (Two Lanes) | 3,000 – 15,000 | \$150 |
| Hwy. 7 | Arkadelphia to Hot Springs (Selected Sections) | 5,400 – 6,300 | \$ 35 |
| Hwys. 62, 63 & 412 | Huntsville to Black Rock (Selected Sections) | 3,500 – 11,000 | \$100 |
| Hwy. 64 | Wynne – East (Selected Sections) | 5,000 | \$ 30 |
| Hwy. 65 | Clinton to Harrison (Selected Sections) | 5,600 – 7,500 | \$ 90 |
| Hwy. 67 (Future I-57) | Walnut Ridge to Missouri State Line (Selected Sections) | 3,300 – 12,000 | \$180 |
| Hwy. 82 | Texarkana to Lake Village (Selected Sections) | 1,600 – 5,200 | \$160 |
| Hwy. 270 | U.S. Highway 71 to Hot Springs (Selected Sections) | 1,100 – 4,900 | \$ 55 |
| Hwy. 612 | U.S. Highway 412 West to State Highway 112 (Springdale Bypass) | 5,000 | \$100 |
| Hwy. 612 | Interstate 49 to State Highway 265 (Springdale Bypass) | 5,000 – 10,000 | \$ 80 |
| TBD | XNA Airport Connector | 3,500 | \$ 30 |



New Highway Program



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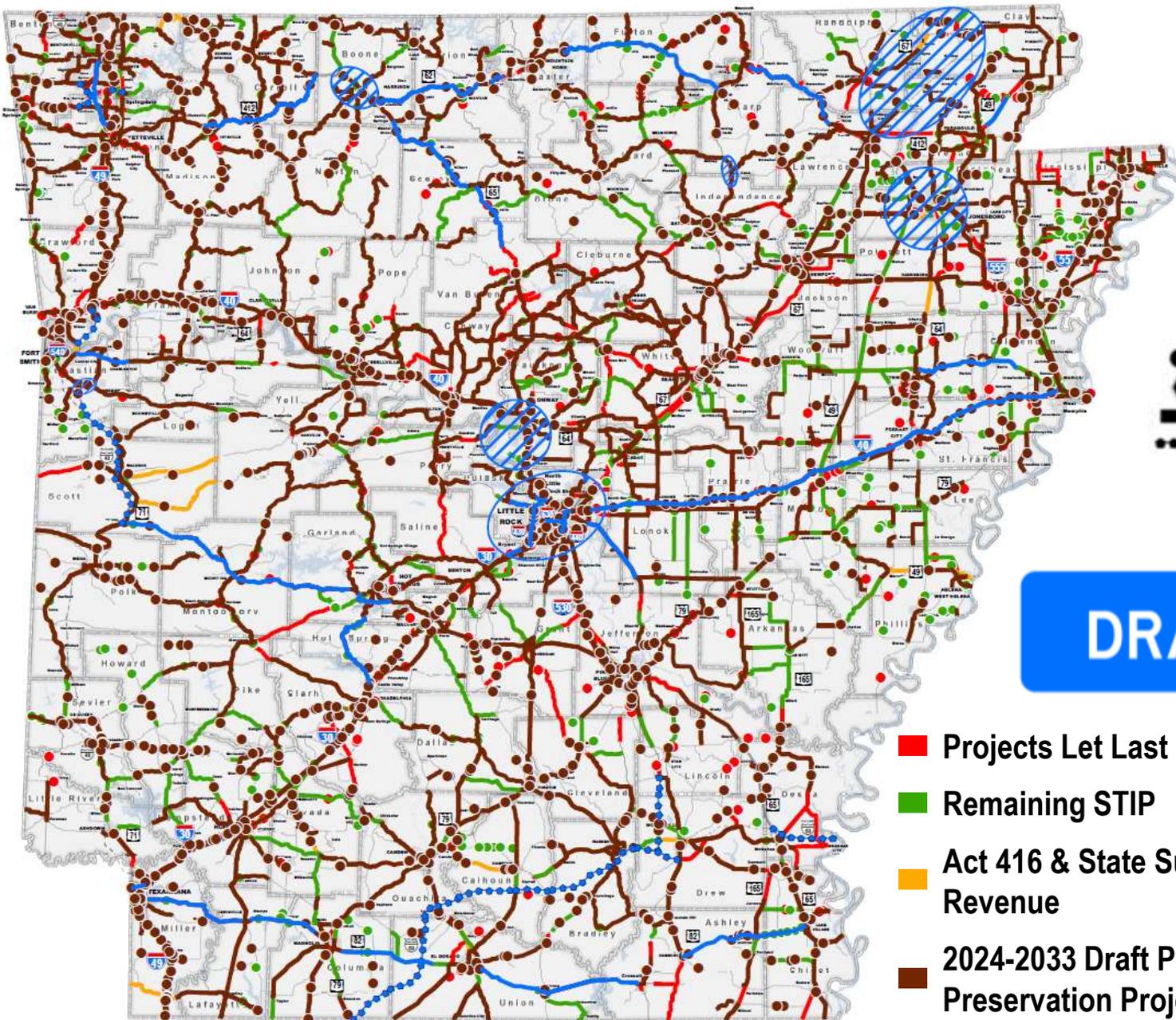
Second Connecting Arkansas Program

- Job Type**
- Roadway
 - New Location

Potential Projects CAP-2

| | |
|--|------------------------|
| • Congestion Relief | \$ 1.45 Billion |
| • Capital Improvements | \$ 1.55 Billion |
| • Local Congestion Relief & Partnering | \$ 0.50 Billion |
| • ROW Acquisition & Utility Relocation | <u>\$ 0.10 Billion</u> |
| 20-Year Total | \$ 3.60 Billion |

New Highway Program



DRAFT

- Projects Let Last 10 Years
- Remaining STIP
- Act 416 & State Surplus Revenue
- 2024-2033 Draft Program of Preservation Projects
- Second Connecting Arkansas Program

New Highway Program

Long-Term Revenue Available

10-Year Program

\$ 7.4 Billion

20-year Program

\$14.8 Billion



2023 vs. 2024 if Vote Fails

Turnback to Cities

2023 - \$156 million

2024 - \$113 million

Nearly a 30% Reduction



Turnback to Counties

2023 - \$156 million

2024 - \$113 million

Nearly a 30% Reduction

Realities of the Highway Funding Plan



Impact of Success

System Preservation 76% of Revenue

Capital and Congestion Relief Projects 24% of Revenue

Impact of Failure

30% Revenue Reduction for Cities / Counties

Managing the Decline of the System

Arkansans Need to Decide How to Fund



Your
TRANSPORTATION SYSTEM



Questions?

