



# Connecting Arkansas Program

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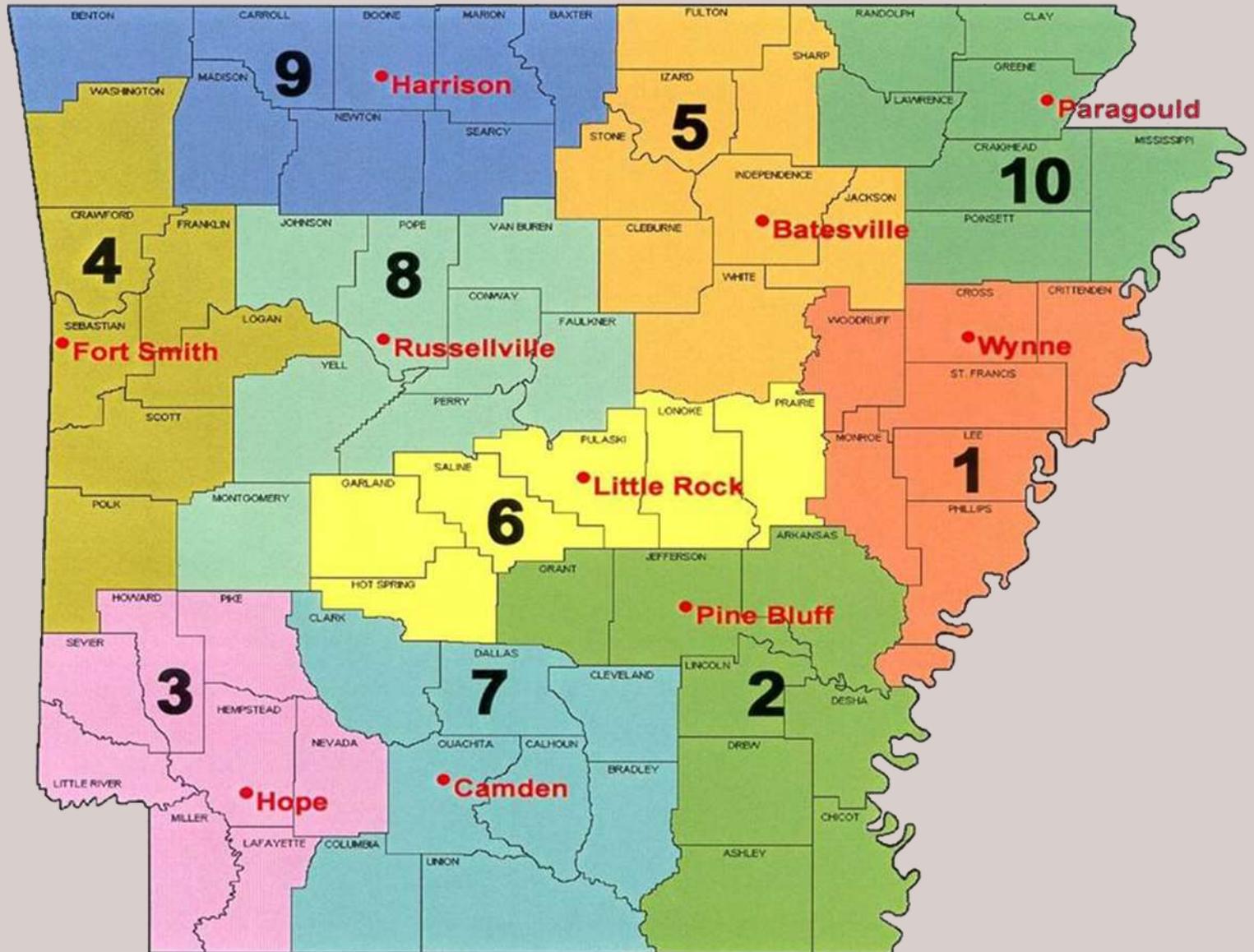
October 8, 2015

# 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.

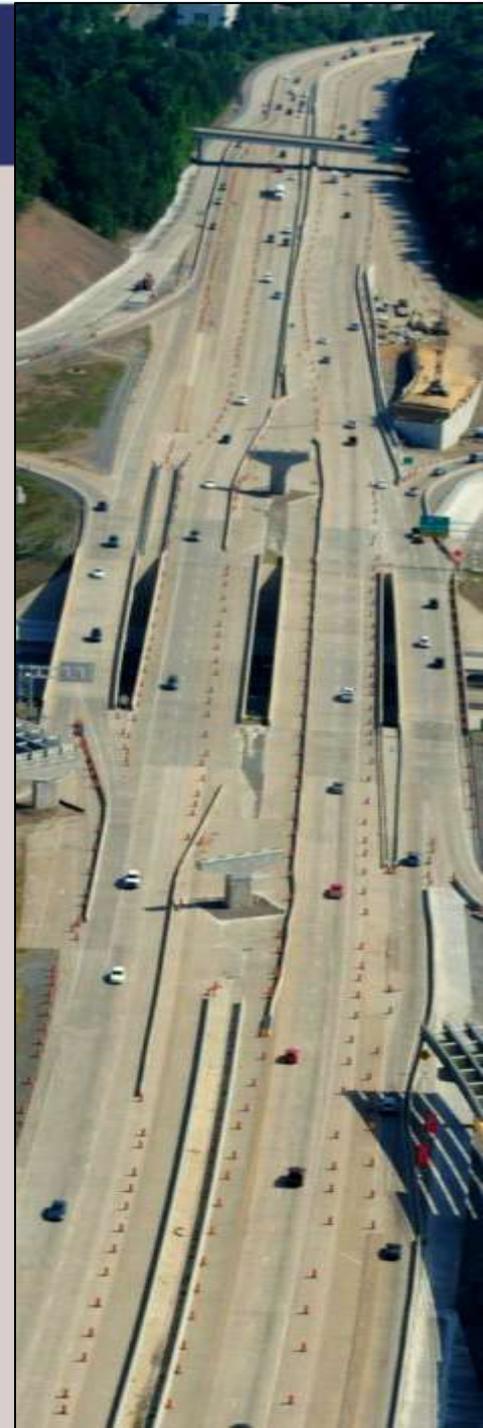


# AHTD Districts

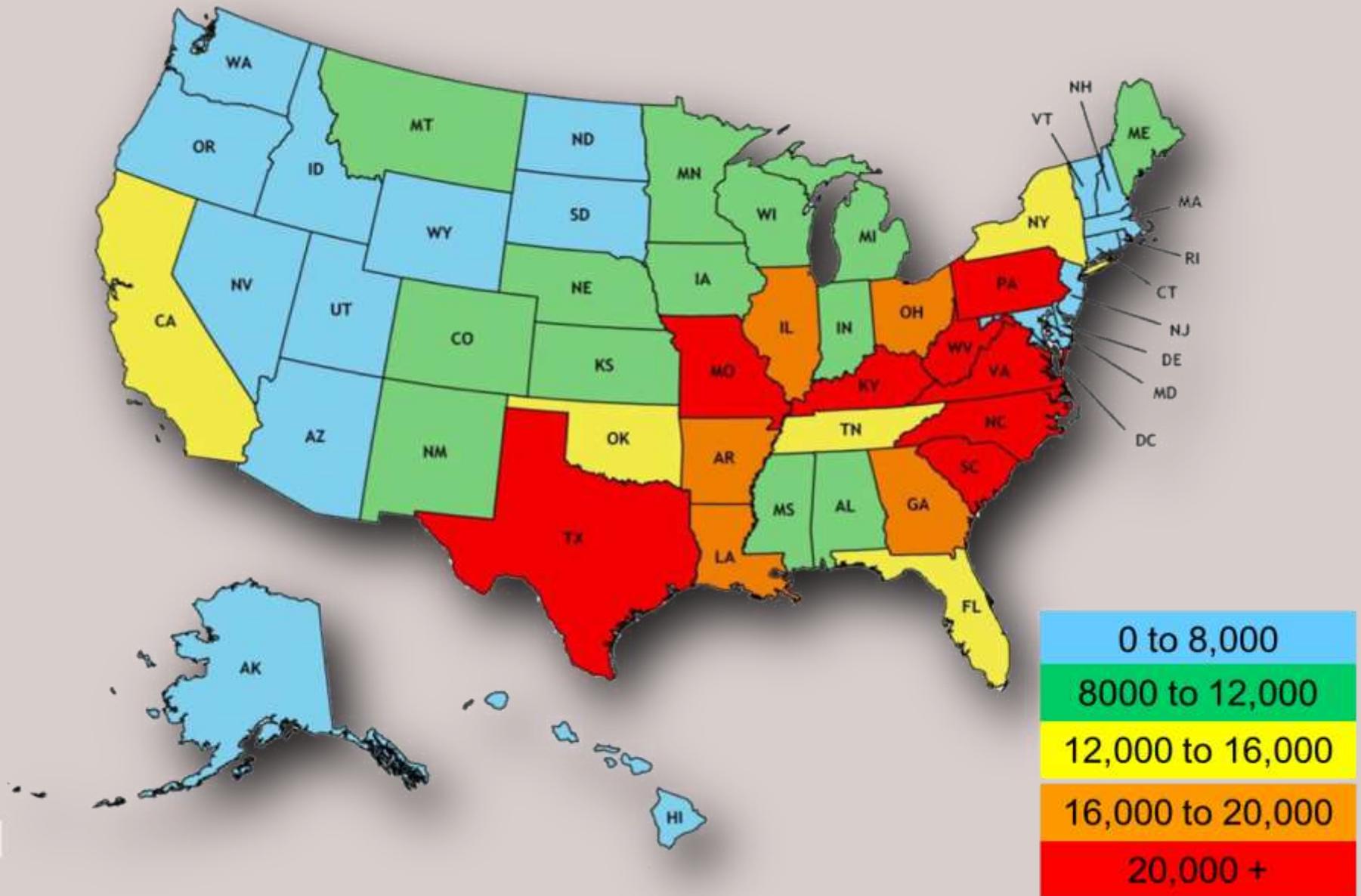


# How We Compare

State	Mileage
<b>Arkansas</b>	<b>16,416</b>
Illinois	16,161
California	15,225
New York	15,033
Tennessee	13,793
Florida	12,084



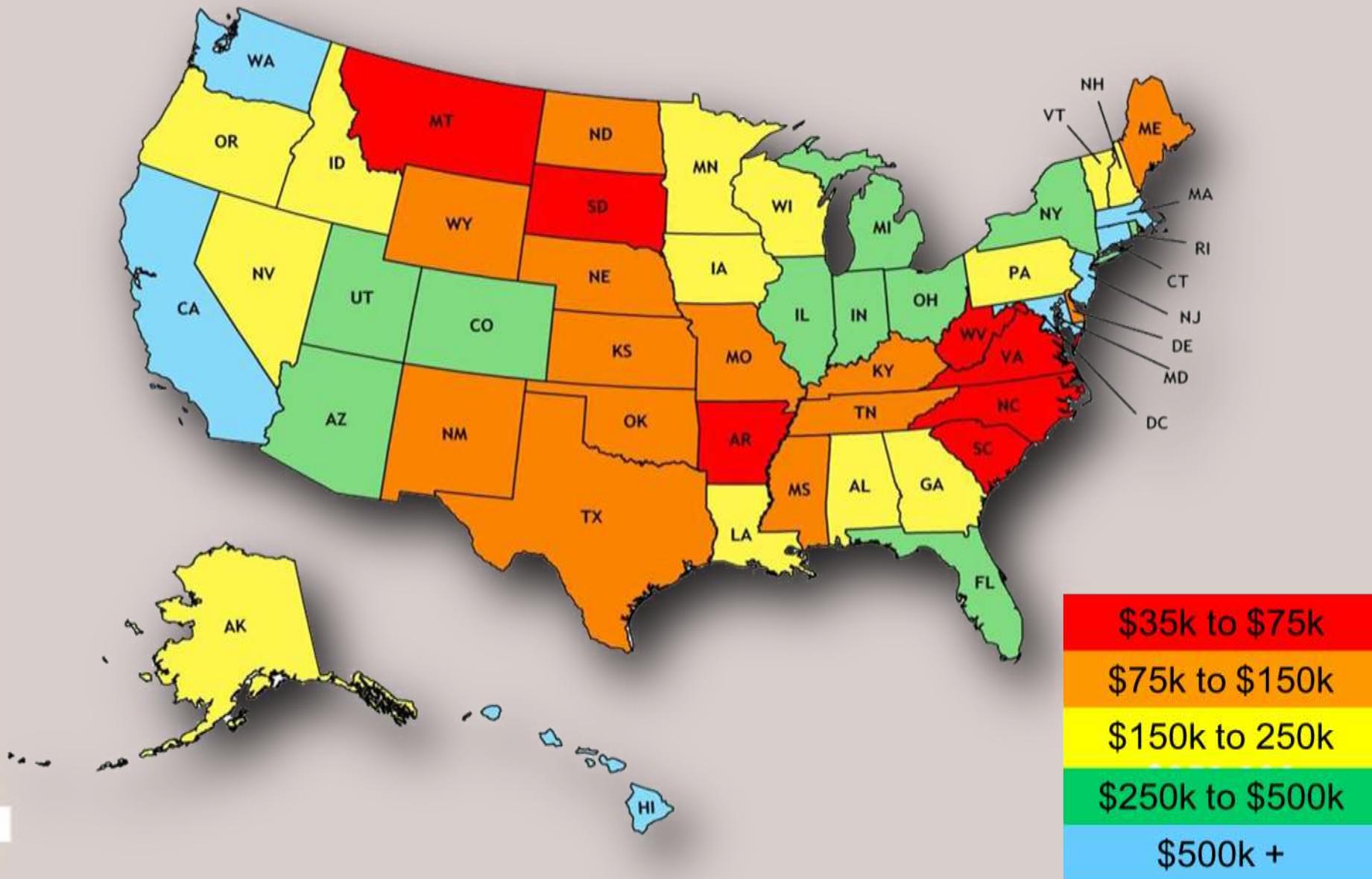
# State Highway Systems



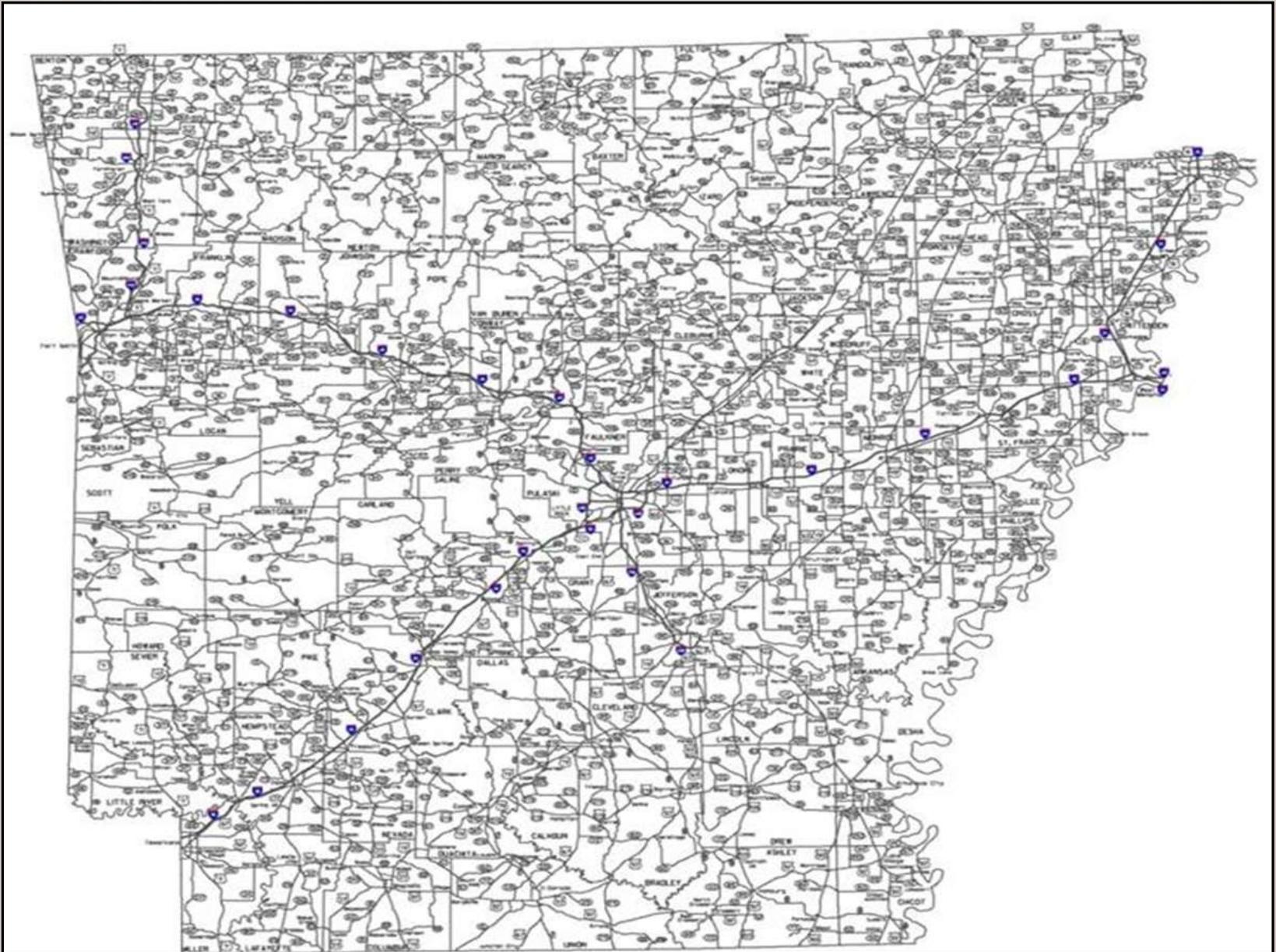
# How We Compare

State	Mileage	Revenue Per Mile
<b>Arkansas</b>	<b>16,416</b>	<b>\$79,232</b>
Illinois	16,161	\$376,461
New York	15,026	\$648,927
California	14,983	\$1,262,809
Tennessee	13,867	\$151,659
Florida	12,085	\$622,740

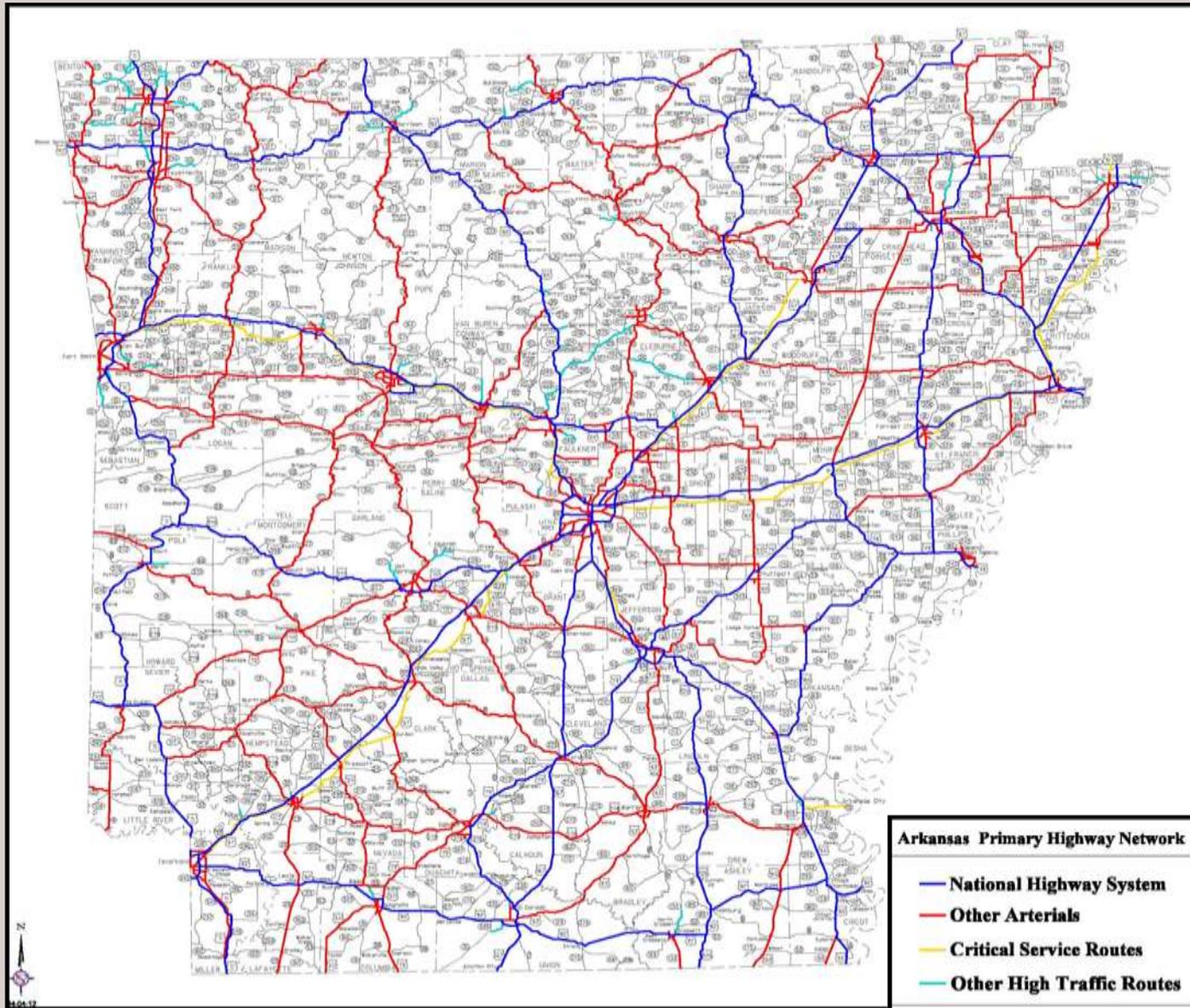
# Highway Revenue per Mile



# Arkansas State Highway System



# Arkansas Primary Highway Network





# Challenges

- ✓ **12<sup>th</sup>** largest system in the country
- ✓ **44<sup>th</sup>** in highway revenue per mile
- ✓ **\$20 billion** in needs
- ✓ **\$4 billion** in available revenue

# Blue Ribbon Committee



**Blue Ribbon  
Committee**  
on Highway Finance  
[BlueRibbonHighways.com](http://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



# Blue Ribbon Committee

## Purpose

- ✓ The purpose of the Committee is to “define an **equitable and adequate system to properly finance improvements** to the systems of state highways, county roads, and city streets within the state.”
- ✓ The Committee is to actively involve the public in its activities.
- ✓ The goal of the Committee is to propose and recommend highway finance legislation for the 2011 session.



# Revenue Proposals



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



- Voter-approved constitutional amendment (2012)
- 10-year, half-cent sales tax to improve highway and interstate projects throughout the state
- One of the largest highway construction programs ever undertaken by AHTD
- \$1.8 billion program
- 35 projects in 19 corridors

# Program Benefits

- Improves transportation connections to all four corners of Arkansas
- Increases capacity by widening highways to four lanes
- Improves traveler safety
- Eases congestion
- Supports job growth and improves Arkansas' economy
- Accelerates highway improvement projects.



# CAP Program Management



## Reasons

- Current AHTD programs already in progress
- Accelerated schedule
- Addition of temporary capacity
- Extension of AHTD staff
- Brings lessons learned from other programs
- Design/Build procurement experience

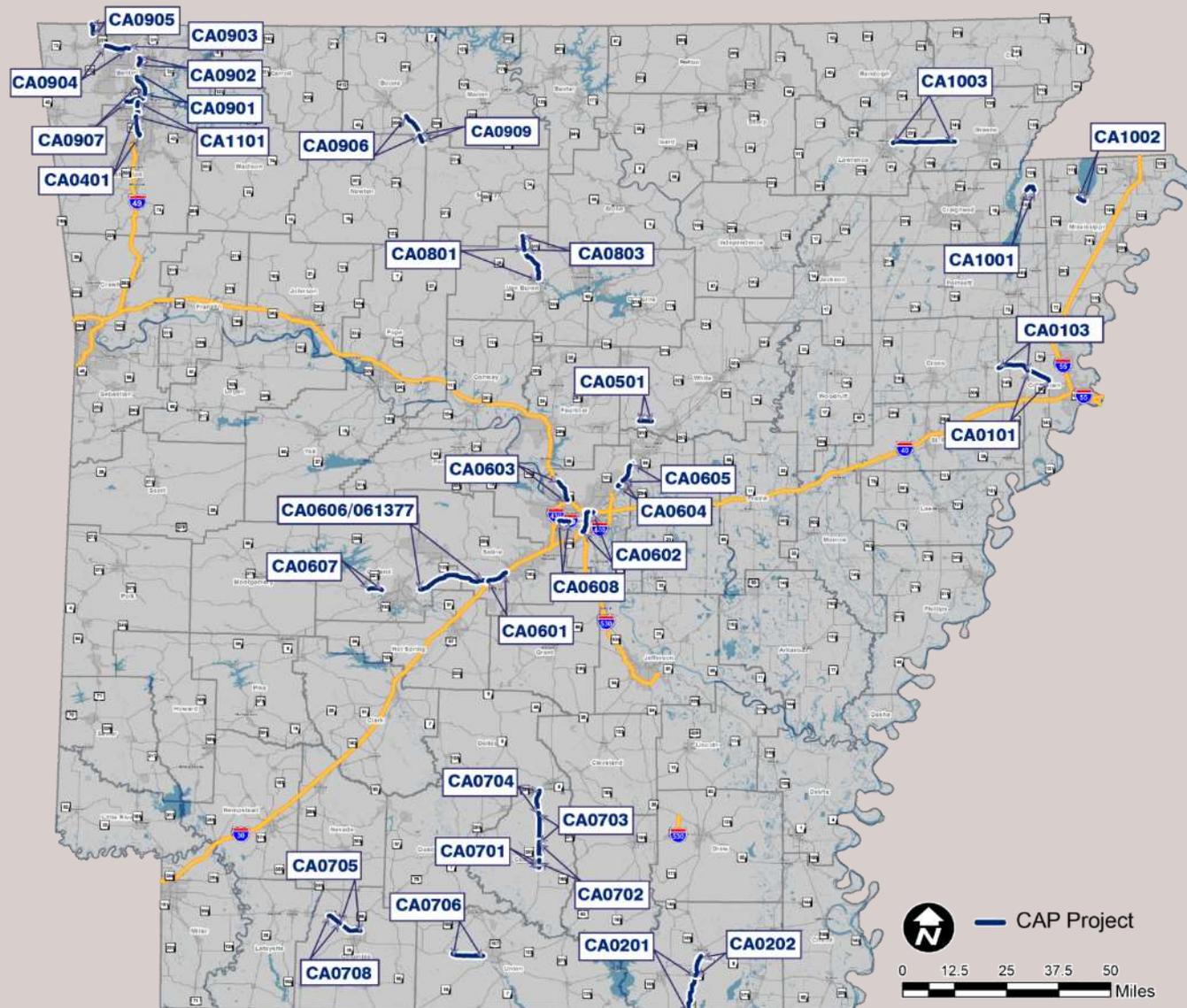
# CAP Overview

## Overview

35 Projects in  
19 corridors

Widening projects

Funded through  
½-cent sales tax





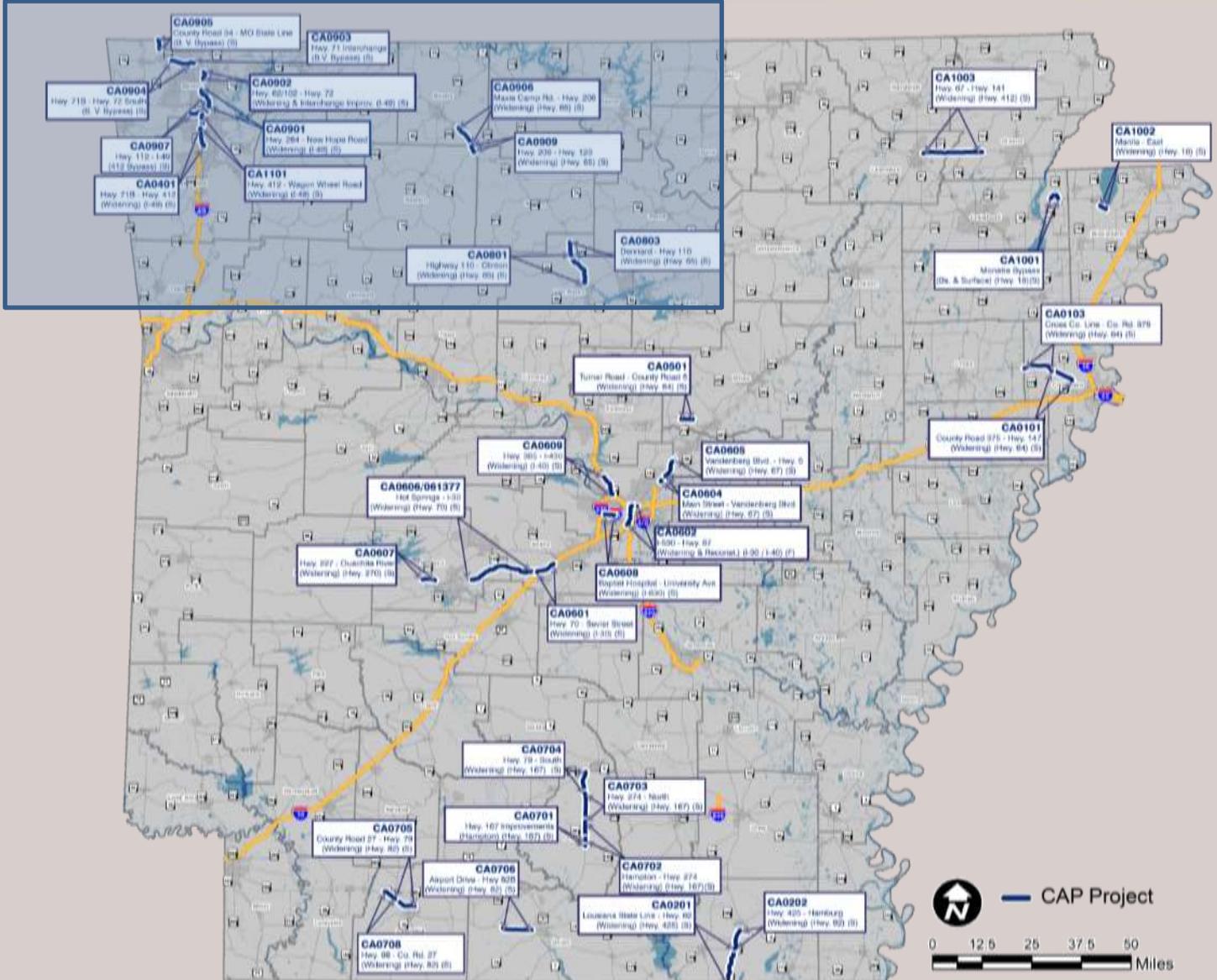
# Construction Status

## 5 Projects Under Construction

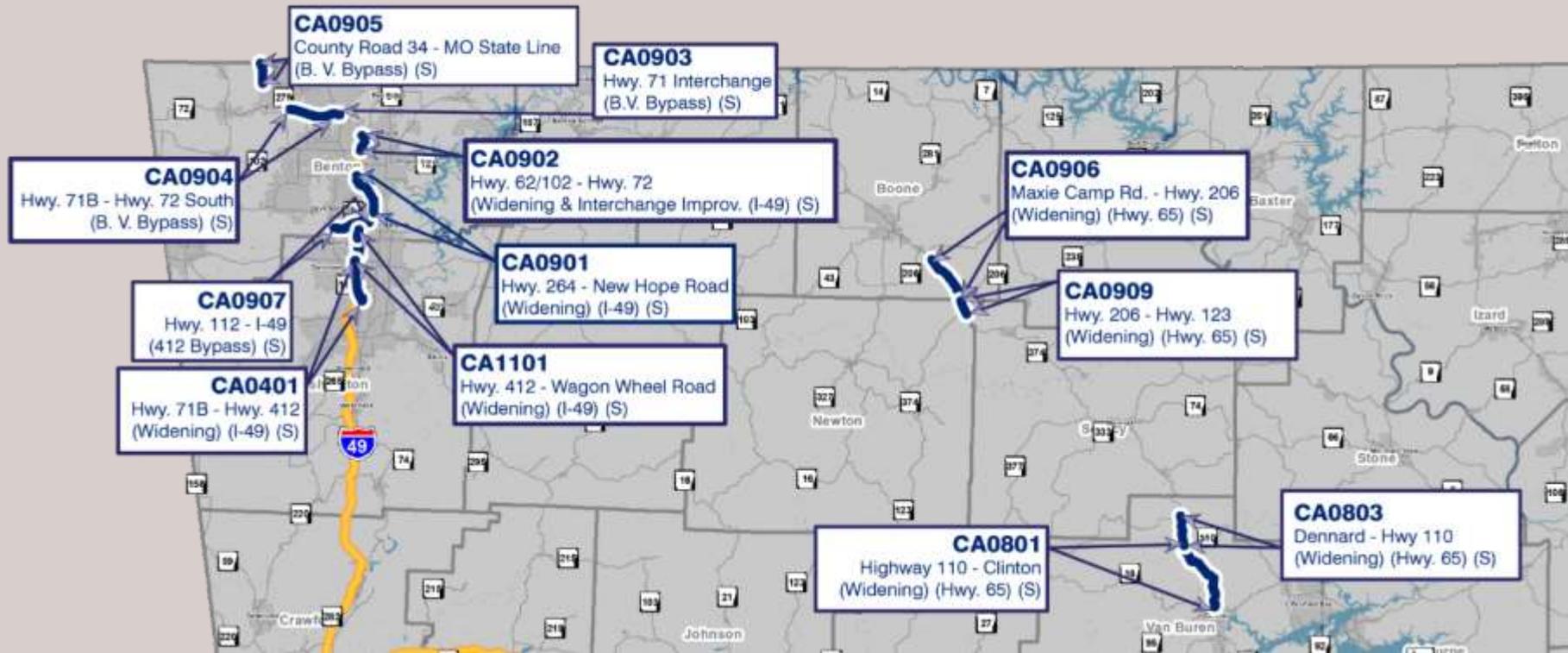
- **Future Interstate 49**  
**Bella Vista Bypass**
  - Est. Comp: Mid '16
- **Interstate 40**  
**Hwy. 365 - I-430**
  - Est. Comp: Mid '16
- **Interstate 49**  
**Hwy. 412 - Wagon Wheel Road**
  - Est. Comp: Early '17
- **Interstate 49**  
**Hwy. 71B - Hwy. 412**
  - Est. Comp: Early '17
- **US Highway 412**  
**Springdale Bypass**
  - Est. Comp: Late '18



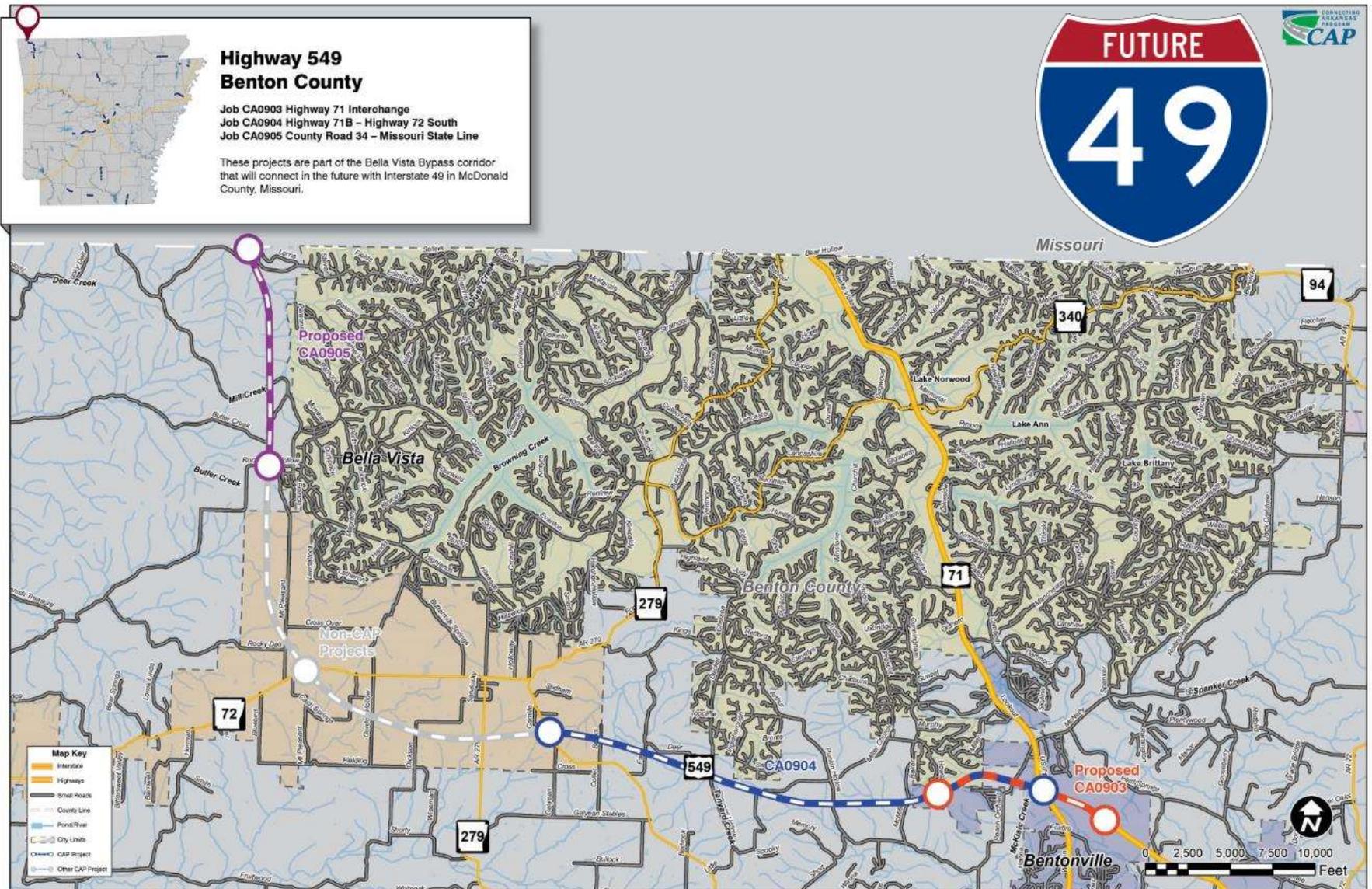
# CAP Projects Map



# Northwest Arkansas



# Bella Vista Bypass Overview



\*These project limits are preliminary and are subject to change as project development progresses.

Version: 1/08/2015

Highway 71: Benton County

# Bella Vista Bypass

(Hwy 71B – Hwy 72 South)

- AHTD, CAP Team,  
Michael Baker
- Began in April 2014 – first  
CAP project under  
construction
- Duration – 250 working  
days (Mid-2016 completion)
- Approximately 6.4 miles
- Involves 6 bridges
- \$52.6 million



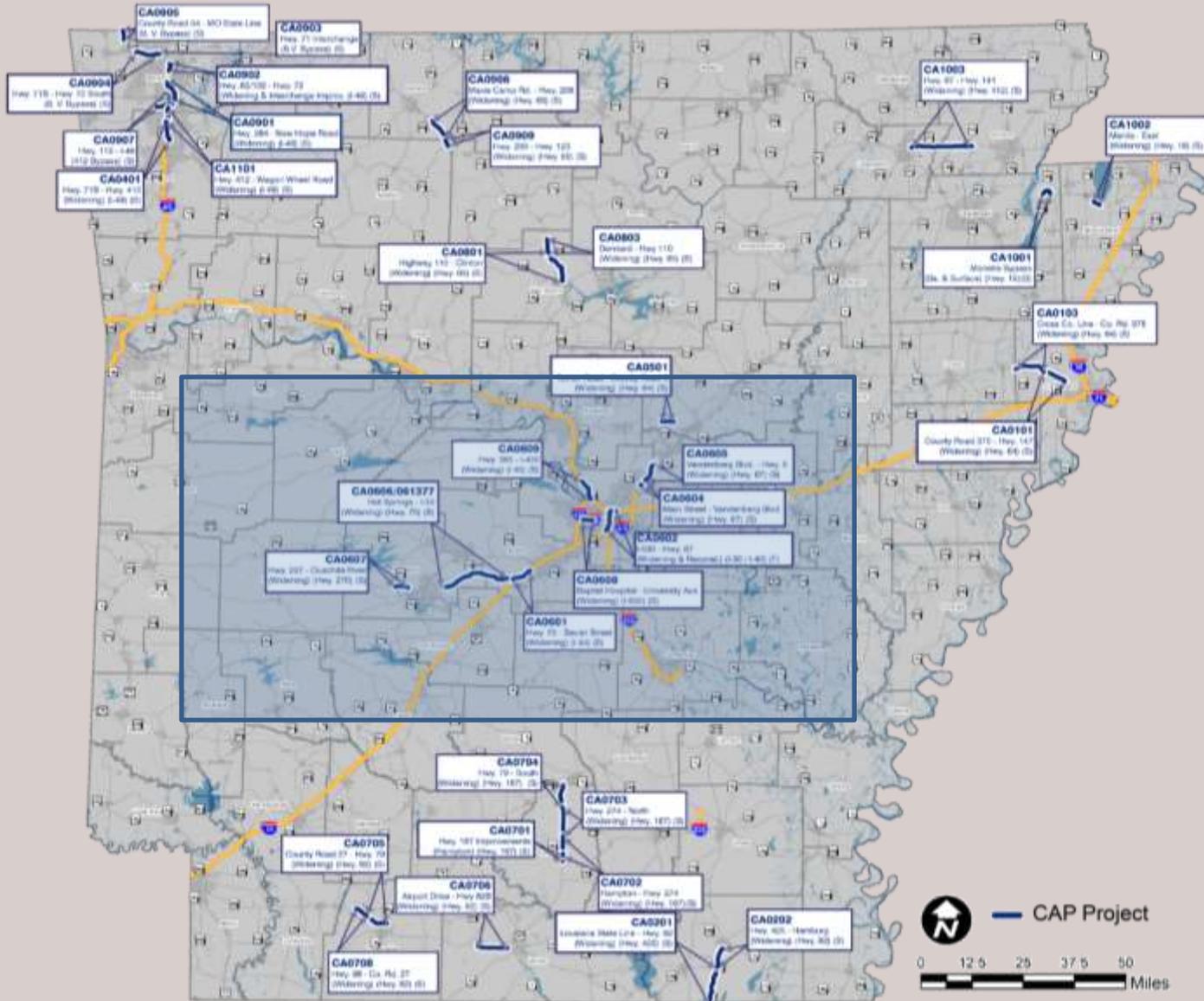
# Bella Vista Bypass



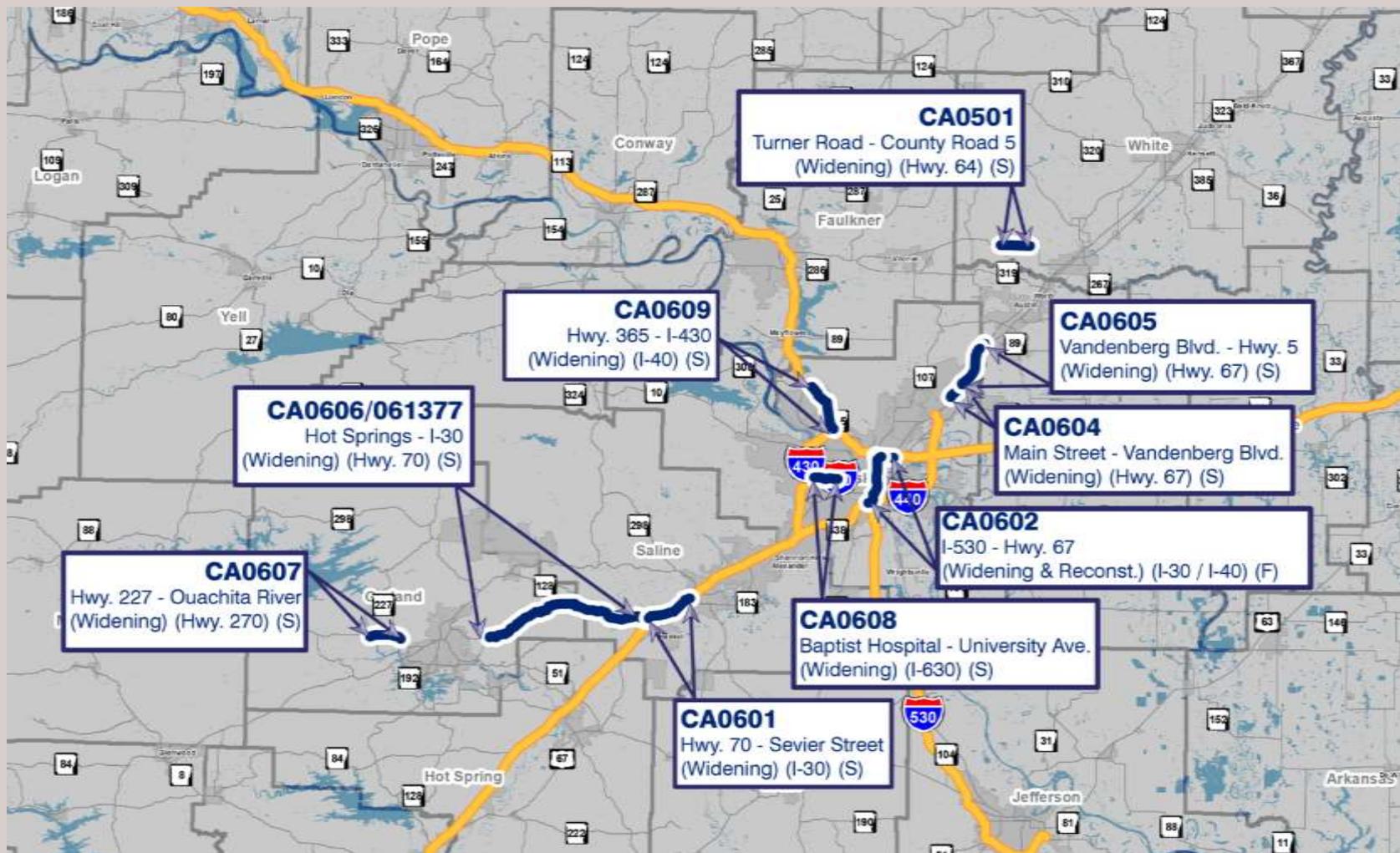
# Bella Vista Bypass



# CAP Projects Map



# Central Arkansas



# Interstate 40 Widening

## Hwy. 365 – I-430 & I-430 Interchange Improvements

- Began in November 2014
- Duration – 206 working days  
(Mid-2016 completion)
- Approximately 5.1 miles
- Completes widening from  
Conway to Little Rock and  
interchange improvements
- \$38.4 million



# Interstate 40 Widening

Hwy. 365 – I-430 &  
I-430 Interchange Improvements



# 30 Crossing

- Approximately 6.7 miles in length and extends through portions of Little Rock and North Little Rock
  - ✓ along I-30 from I-530 to the south and I-40 to the north
  - ✓ along I-40 to its interchange with I-67 in North Little Rock
- Major components
  - ✓ River bridge replacement
  - ✓ Interstate widening
  - ✓ Interchange improvements
  - ✓ Ramp modifications



# 30 Crossing Update

- PEL Study completed
- NEPA/preliminary design in progress
- Estimated Cost \$600 M





- Five lanes in each direction, downtown C-D lanes separated by barrier
- Replace Arkansas River Bridge
- Design-Build-Finance Team selected in 2017 / Construction in 2018
- Funded mostly through half-cent sales tax



# Broadway Bridge History



- **Opened in 1923**
- **Existing bridge was further modified in the 1970's to accommodate McClellan Kerr Navigation System**
- **The two southern-most arch spans were removed and replaced with a single 412 ft. steel arch to facilitate navigation**

# Steel Arch Addition



# Broadway Bridge



- **Double Basket Handle Network Tied Arch**
- **Pulaski County contributed \$20 million for additional cost of Double Arch alternative**
- **2 - 448 ft. Spans**
- **Arches Rise 100 ft. Above Roadway Surface**



# Broadway Bridge



- **Typical Section**

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

# Broadway Bridge



- **Navigational Clearance**
  - ✓ Vertical Clearance = 62.4 ft.
  - ✓ Horizontal Clearance = 396 ft.
- **Substructure Designed for Barge**
- **Bridge Closed from May to November 2016 (Subject to Change)**



# Additional Information

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



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