

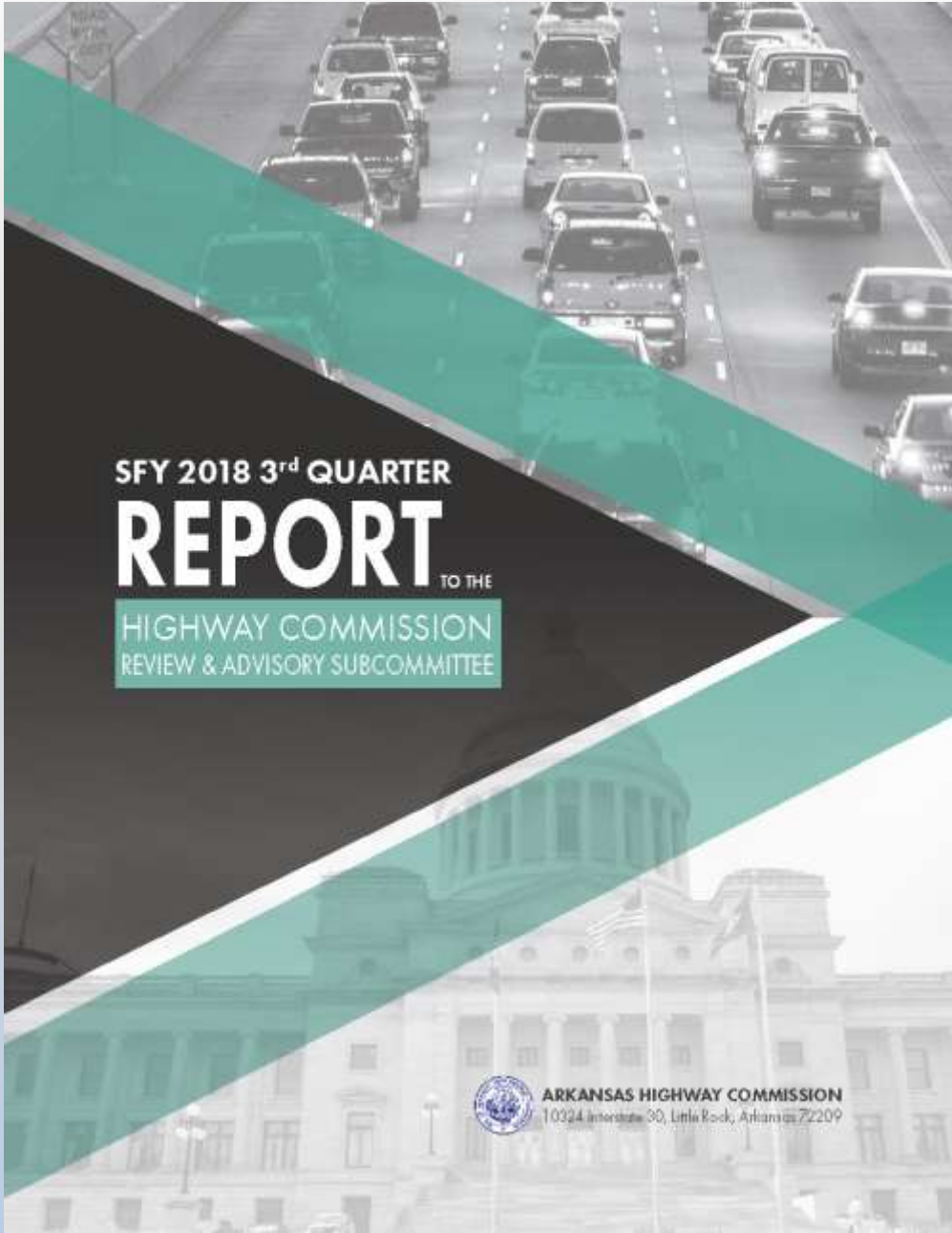
**Randy Ort**

**Assistant Chief - Administration**



**Highway Commission Review & Advisory Subcommittee**

**June 14, 2018**



## REPORT TO THE HIGHWAY COMMISSION REVIEW AND ADVISORY SUBCOMMITTEE OF EACH PUBLIC ROAD CONSTRUCTION PROJECT OF TEN MILLION DOLLARS (\$10,000,000) OR MORE.

### QUESTIONS?

Stricken language would be deleted from and underlined language would be added to present law.  
Act 1 of the Third Extraordinary Session

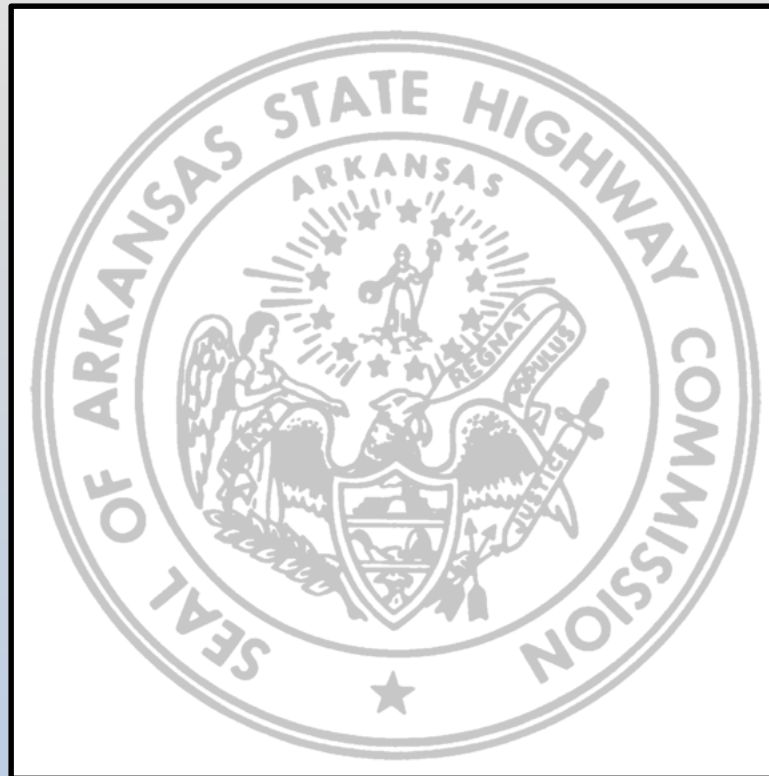
1 State of Arkansas Call Item 2  
2 90th General Assembly A Bill  
3 Third Extraordinary Session, 2016 HOUSE BILL 1009  
4  
5 By: Representatives Davis, Eaves, Brown, Della Rosa, J. Mayberry, Ballinger, Bell, Cozart, Dotson,  
6 Eads, Eubanks, Henderson, House, Lemons, Speaks, Sullivan  
7 By: Senator Hester  
8  
9 **For An Act To Be Entitled**  
10 AN ACT TO CREATE THE ARKANSAS HIGHWAY IMPROVEMENT  
11 PLAN OF 2016; TO DECLARE AN EMERGENCY; AND FOR OTHER  
12 PURPOSES.  
13  
14  
15 **Subtitle**  
16 TO CREATE THE ARKANSAS HIGHWAY  
17 IMPROVEMENT PLAN OF 2016; AND TO DECLARE  
18 AN EMERGENCY.

# Arkansas vs. Tennessee

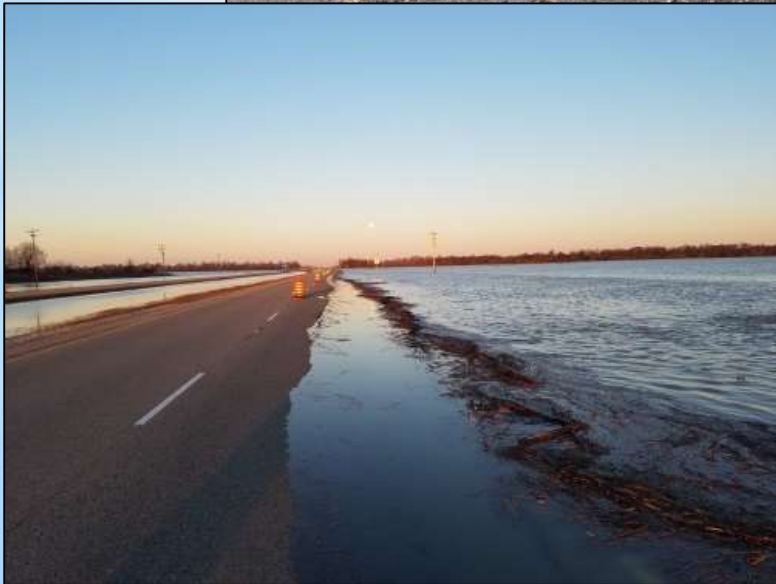
	<u>Arkansas</u>	<u>Tennessee</u>	<u>Difference</u>
Population	3 Million	6.7 Million	2.2 times greater
AVMT	36 Billion	77 Billion	2.1 times greater
Total Revenue	\$1 Billion	\$2.1 Billion	2.1 times greater
State Revenue	\$430 Million	\$1.1 Billion	2.6 times greater
# Employees	3,500	4,000	500 more
Highway Miles	16,400 miles	13,900 miles	2,500 fewer miles



## Arkansas Highway Commission March 14, 2018 Meeting

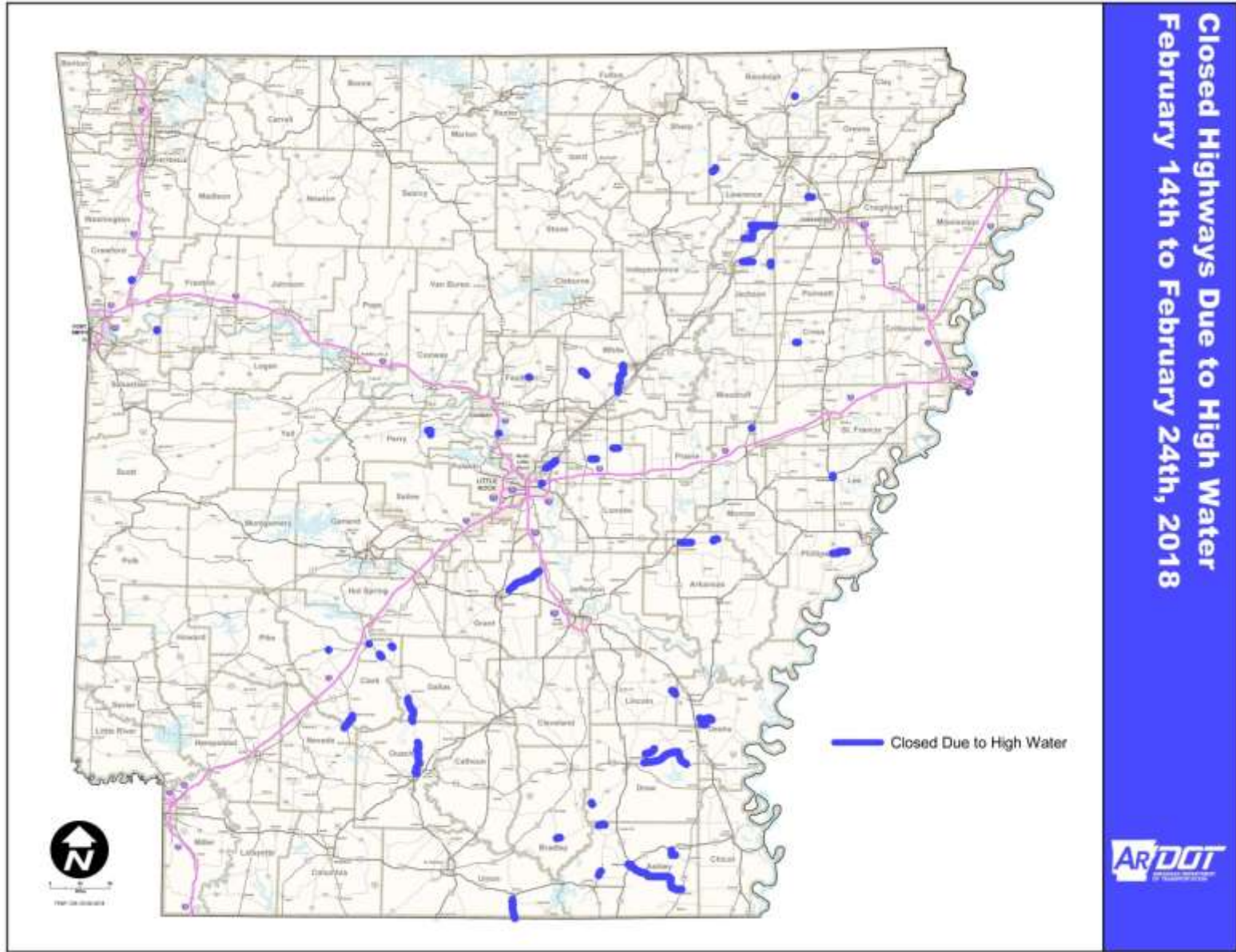


# February - March Flooding

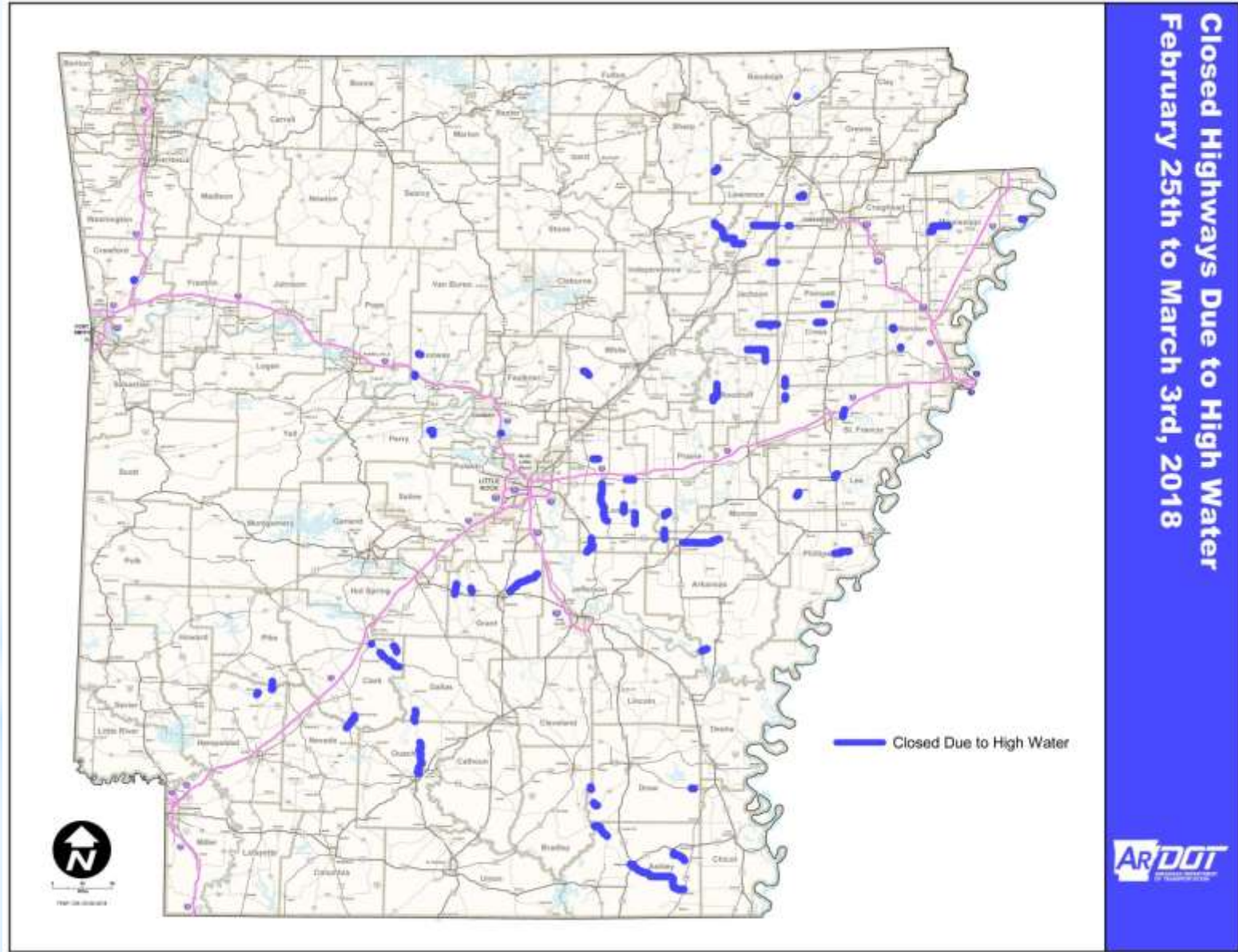




# February - March Flooding

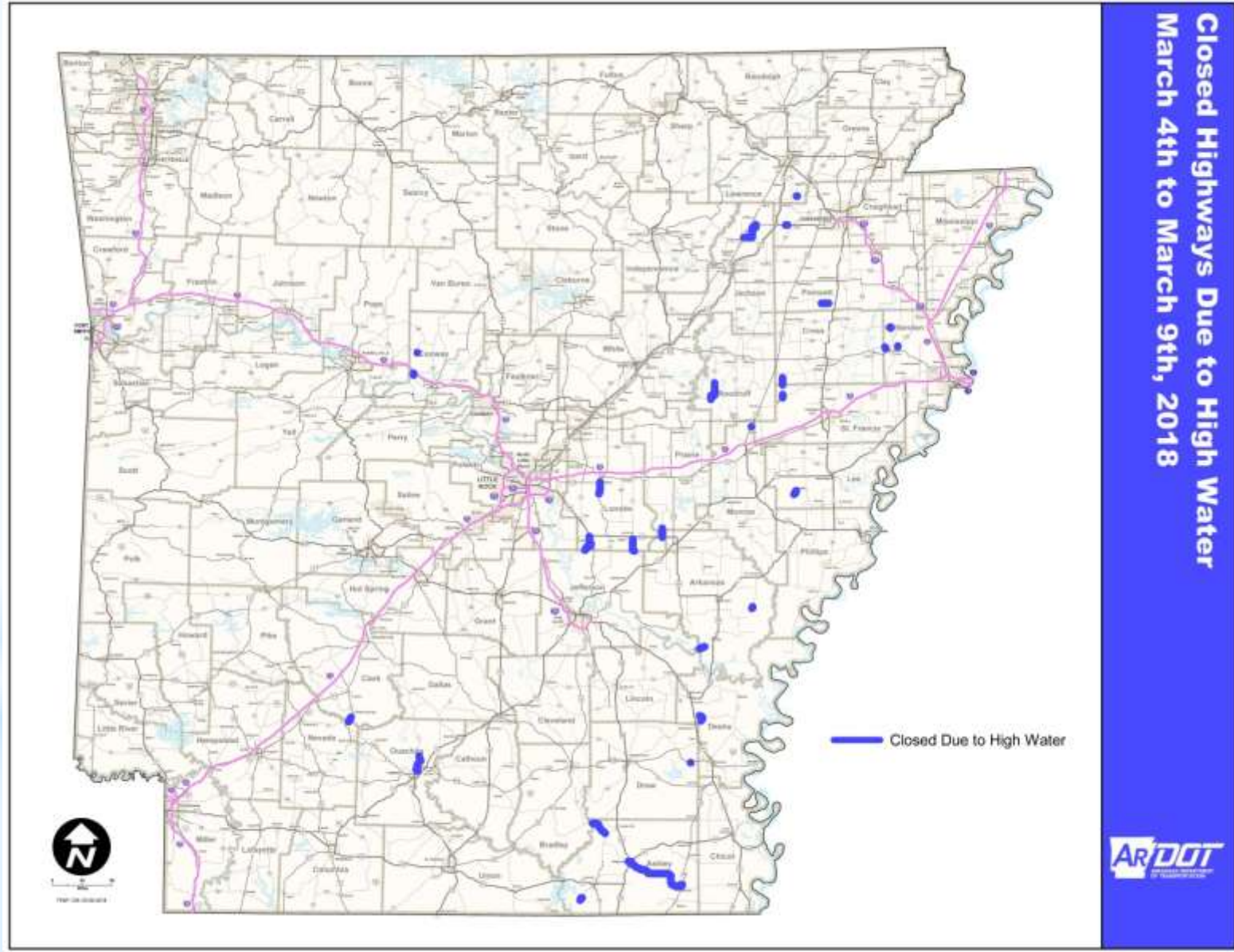


# February - March Flooding





# February - March Flooding

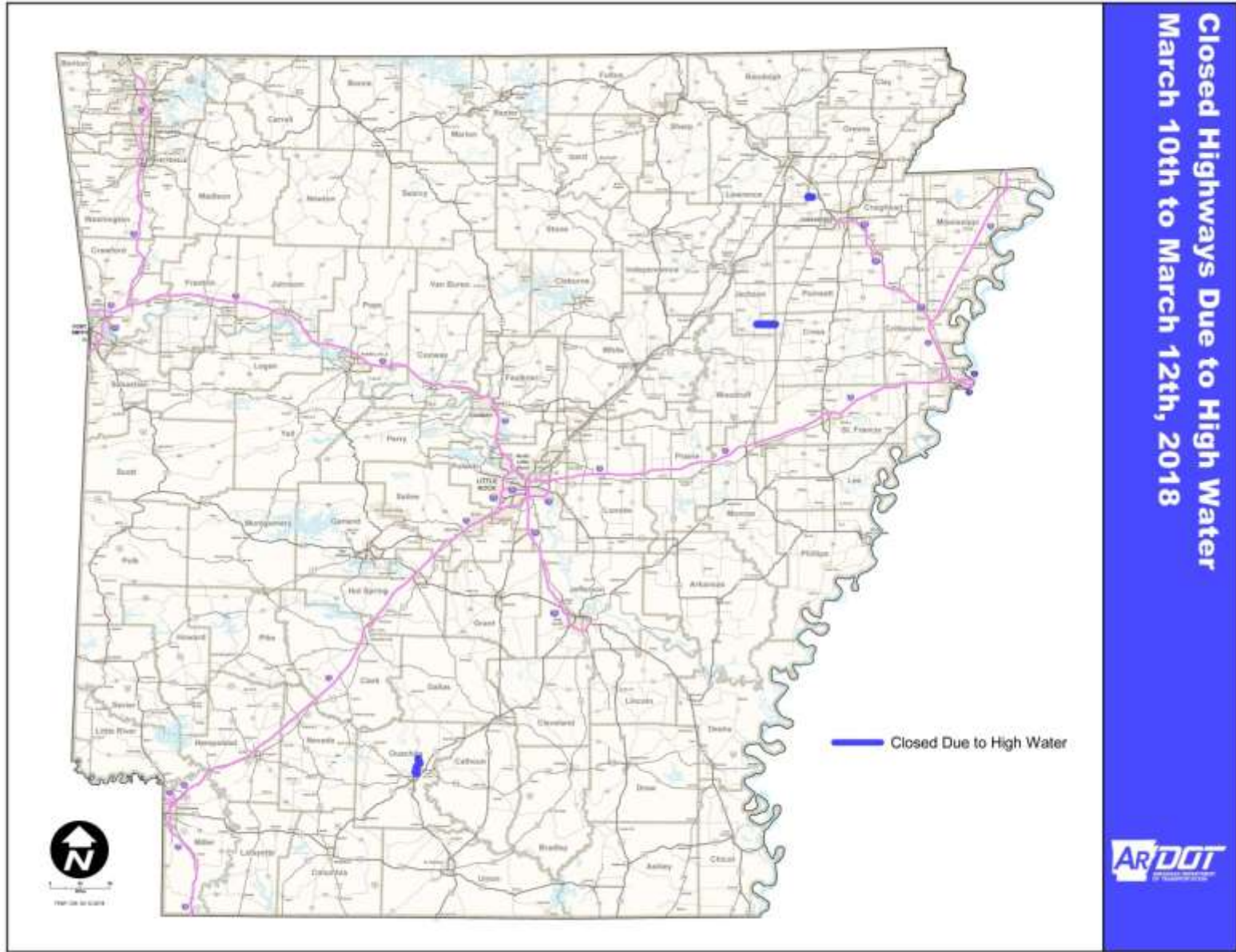


Closed Highways Due to High Water  
March 4th to March 9th, 2018

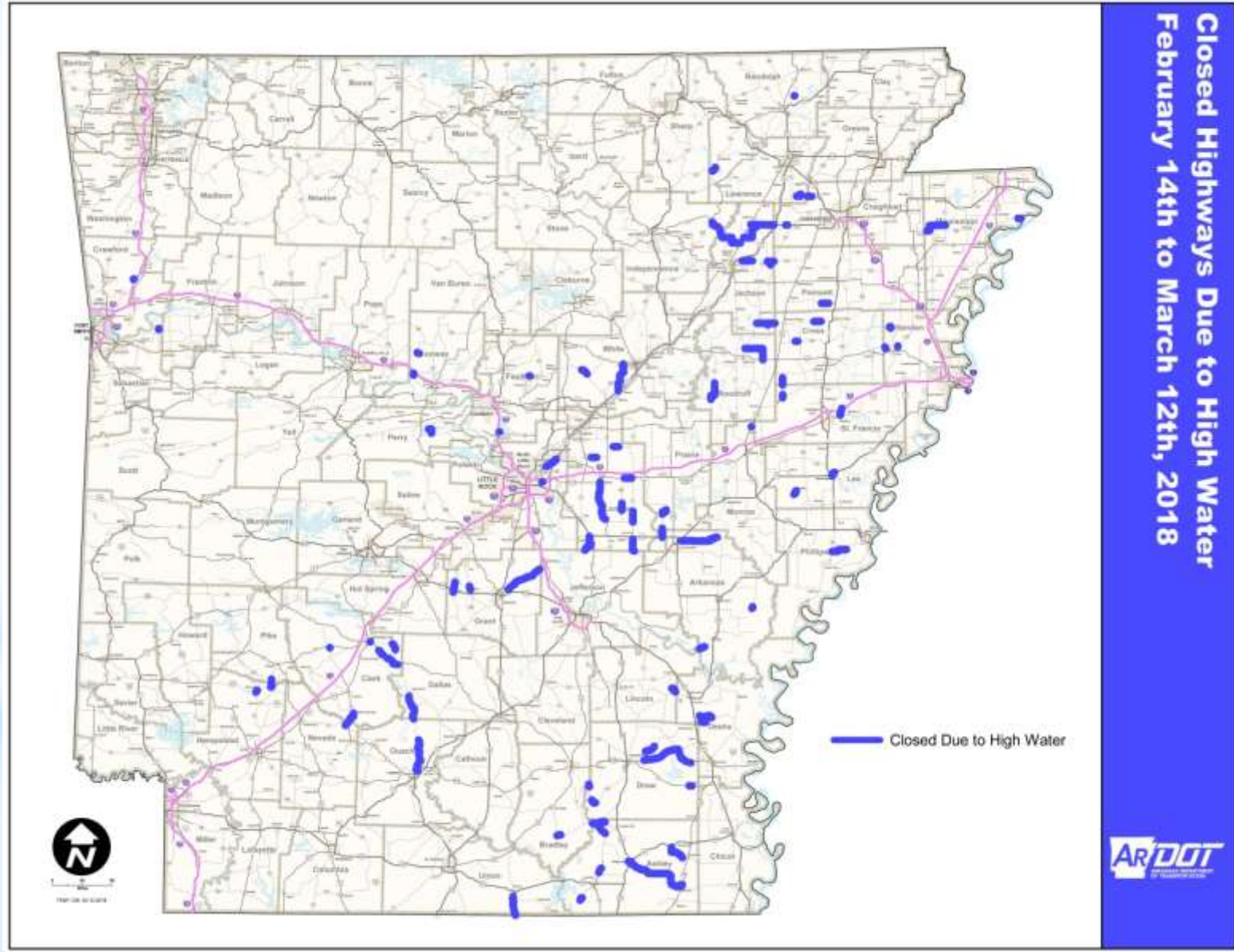




# February - March Flooding



# February - March Flooding



**Closed Highways Due to High Water  
February 14th to March 12th, 2018**





# American Council of Engineering Companies Engineering Excellence Awards



# American Council of Engineering Companies Engineering Excellence Awards



ACEC Arkansas





## Arkansas Highway Commission April 24, 2018 Meeting



# New Chief of Highway Police



**INTRODUCING JAY THOMPSON**

**CHIEF OF THE  
ARKANSAS HIGHWAY POLICE**



Arkansas Highway Police is a Division of the  
Arkansas Department of Transportation.





# Drug Seizures



**APRIL 30**

**340 LBS**

**2,340 UNITS OF  
CANNABIS OIL**



**APRIL 22**

**232 LBS**



**MAY 6**

**200 LBS**

**MAY 15**

**30 LBS**

**\$7,160 U.S.  
CURRENCY**



# University of Arkansas – College of Engineering Early Career Alumni Award



Awarded to graduates who have achieved distinction in their fields within the first 15 years of their career.



## Jessie Jones

Division Head  
Transportation  
Planning & Policy





# Arkansas Academy of Civil Engineering



# Ribbon Cuttings



## Springdale &

## Searcy Bypasses





## Arkansas Highway Commission June 6, 2018 Meeting



# Excellence in Program Administration Award



2018 AASHTO Civil Rights  
Training Symposium

Excellence in Program  
Administration Award

Joanna McFadden  
EEO/DBE Section Head



# Ribbon Cuttings

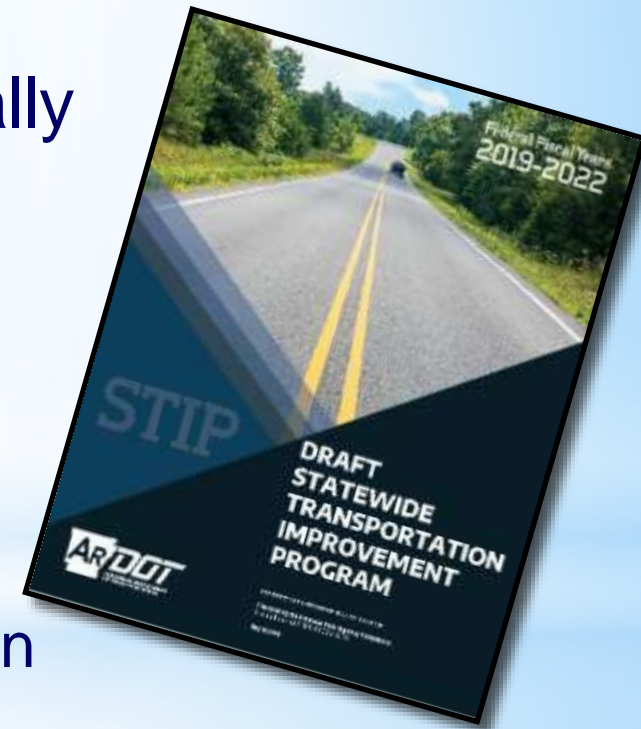


Manila Bypass &  
U.S. Highway 70

# DRAFT

## Statewide Transportation Improvement Program for Federal Fiscal Years 2019-2022 (STIP)

- Federal Requirement for Federally Funded and Regionally Significant Transportation and Transit Projects
- 4-Year Minimum
- Required Components:
  - ✓ Demonstration of Financial Constraint
  - ✓ Metropolitan Planning Organization (MPO) Coordination
  - ✓ Public Involvement
  - ✓ Performance Management





# DRAFT

## Statewide Transportation Improvement Program for Federal Fiscal Years 2019-2022 (STIP)

- Current STIP Schedule
  - ✓ March 2018 - Proposed Projects to MPOs
  - ✓ June 2018 - Release STIP for Public Comment
  - ✓ Summer 2018 - Receive MPOs Transportation Improvement Programs (TIPs)
  - ✓ August 2018 - Submit to Federal Highway Administration (FHWA) and Federal Transit Administration (FTA)
  - ✓ September 2018 - Approval from FHWA and FTA

**DRAFT**

# **Statewide Transportation Improvement Program for Federal Fiscal Years 2019-2022 (STIP)**

State & U.S. Senators

State & U.S. Representatives

Mayors

County Judges

Chambers of Commerce

Metropolitan Planning Organizations

Planning & Development Districts

Main Street Groups

Educational Co-ops

Government Agencies

National Park Service

U.S. Forest Service

Colleges & Universities

Transit Organizations

School Districts

Select Non-profit Organizations

Indian Tribes



# Managing the Decline

# Managing the Decline of the Highway System



# Average Daily Traffic





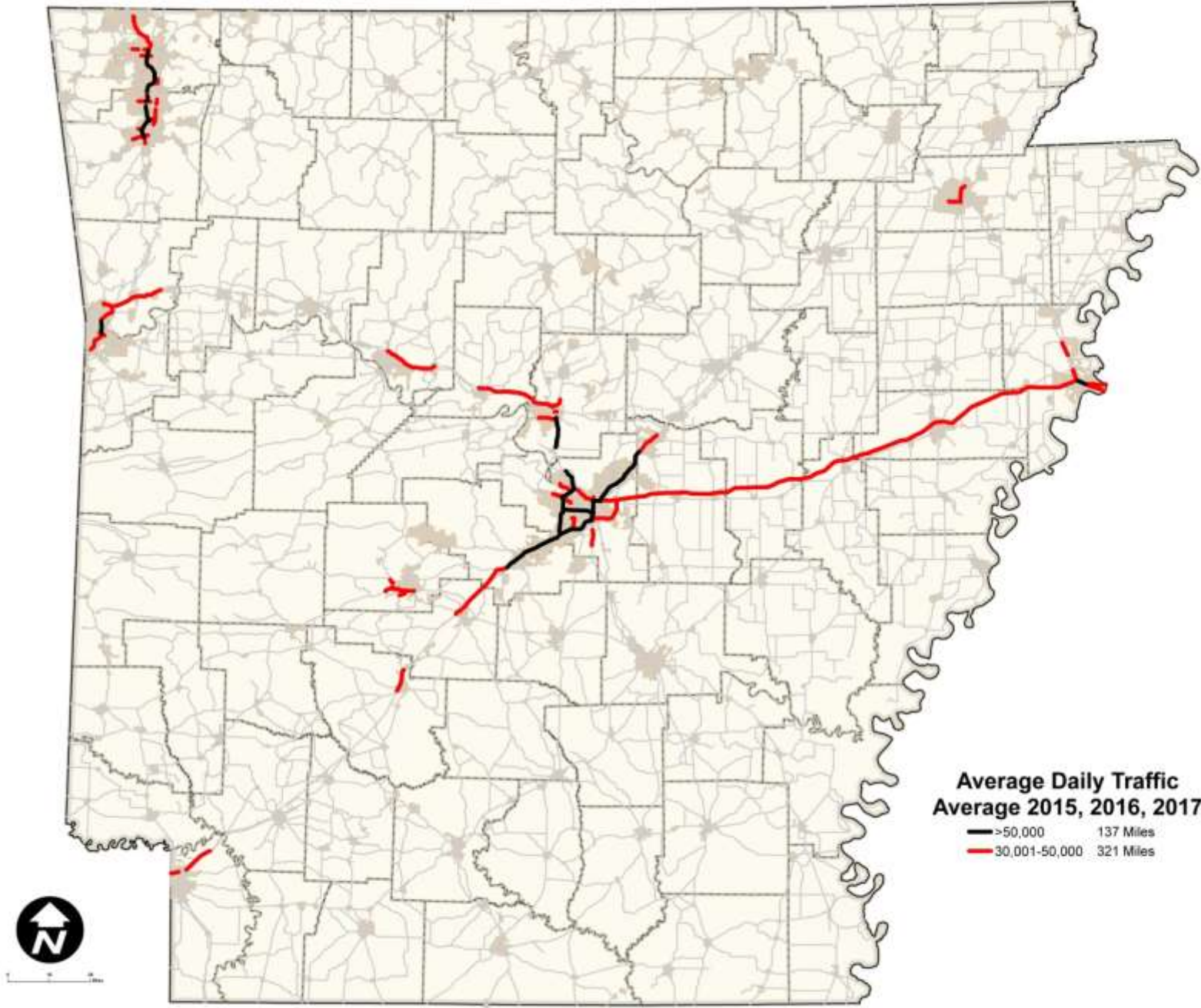
137 Miles  
with  
Greater than  
50,000  
Vehicles Per day

**Average Daily Traffic**



321 Miles  
between  
30,001 - 50,000  
Vehicles Per Day

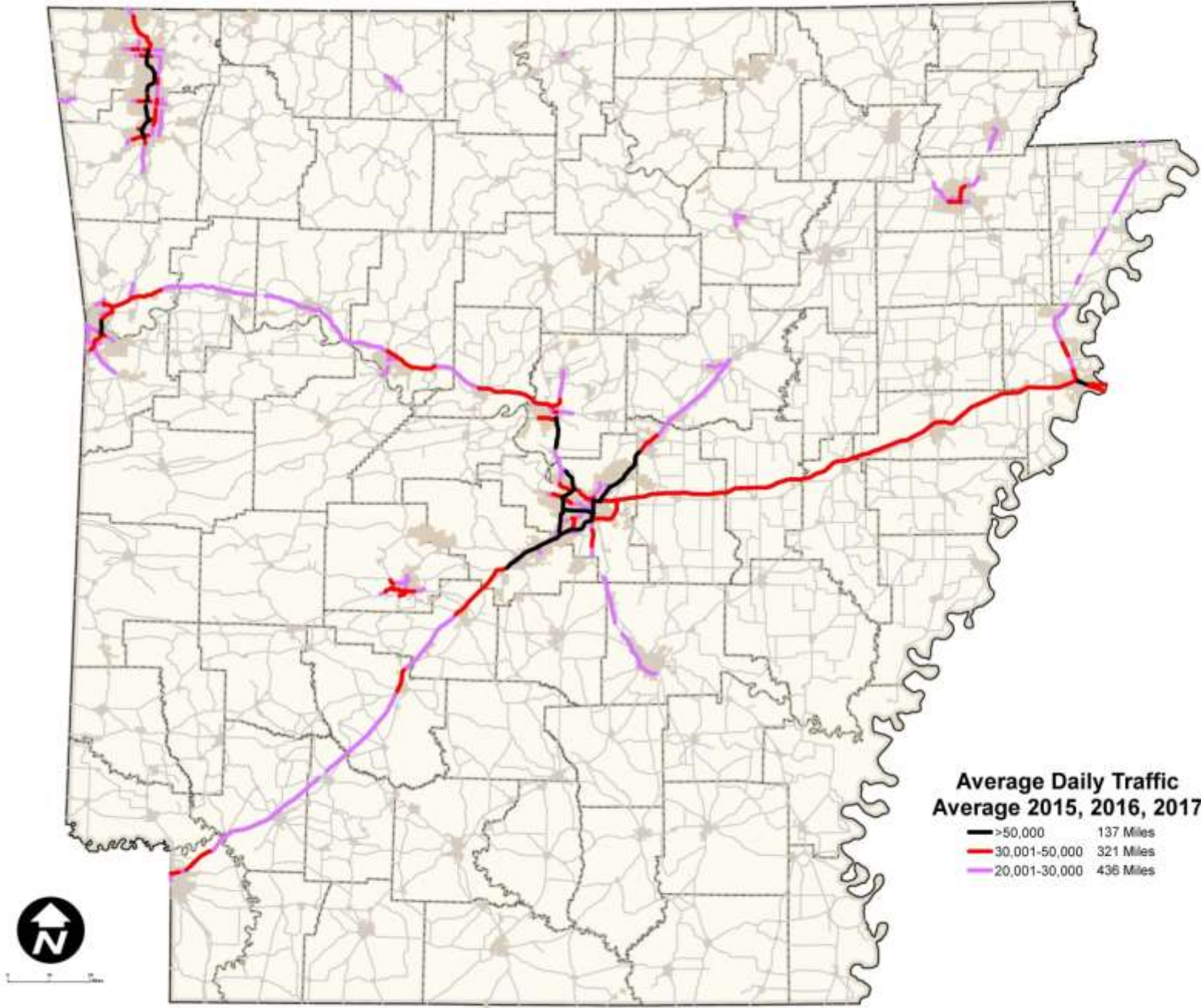
**Average Daily Traffic**





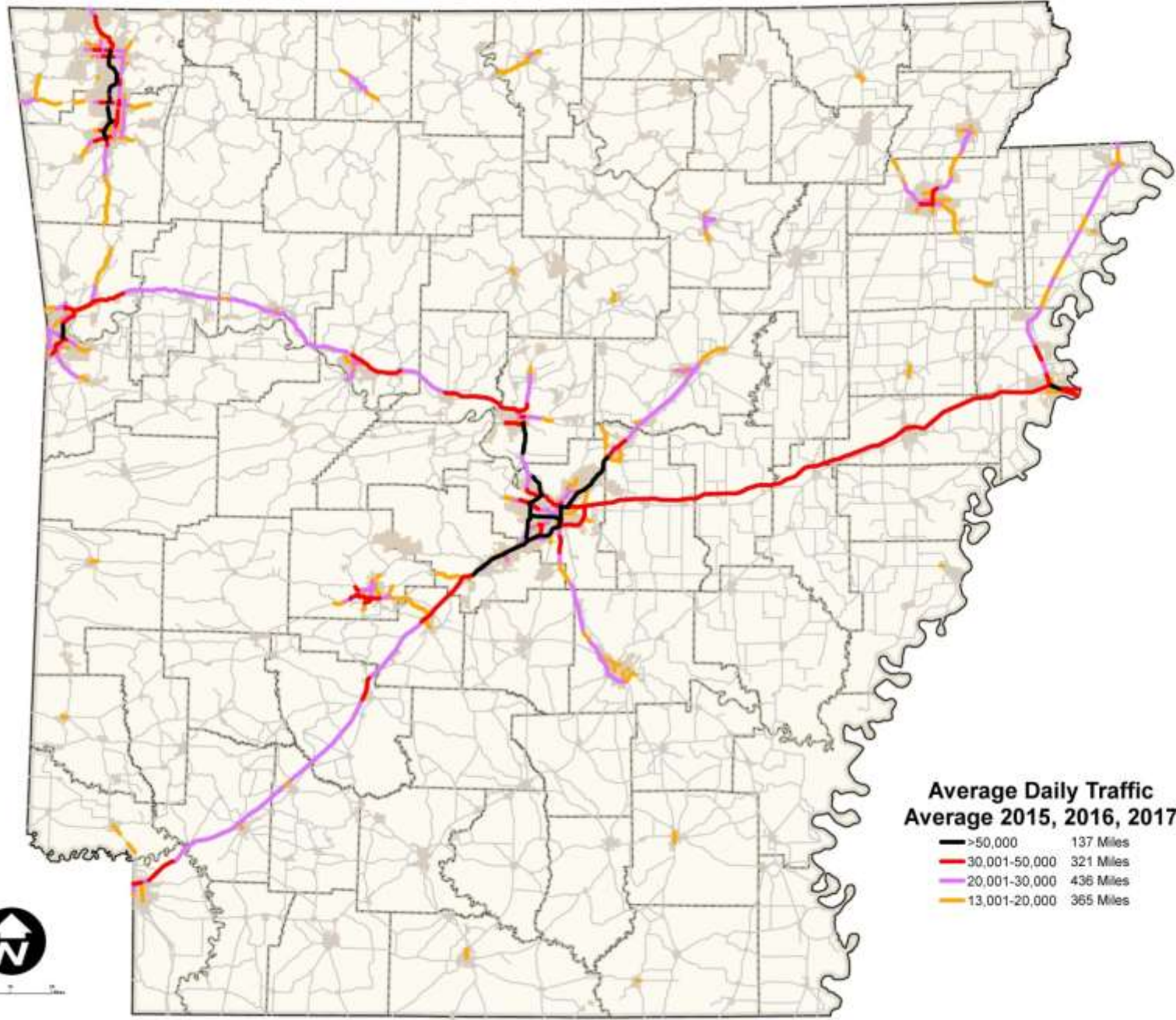
436 Miles  
between  
20,001 - 30,000  
Vehicles Per Day

Average Daily Traffic



365 Miles  
between  
13,001 - 20,000  
Vehicles Per Day

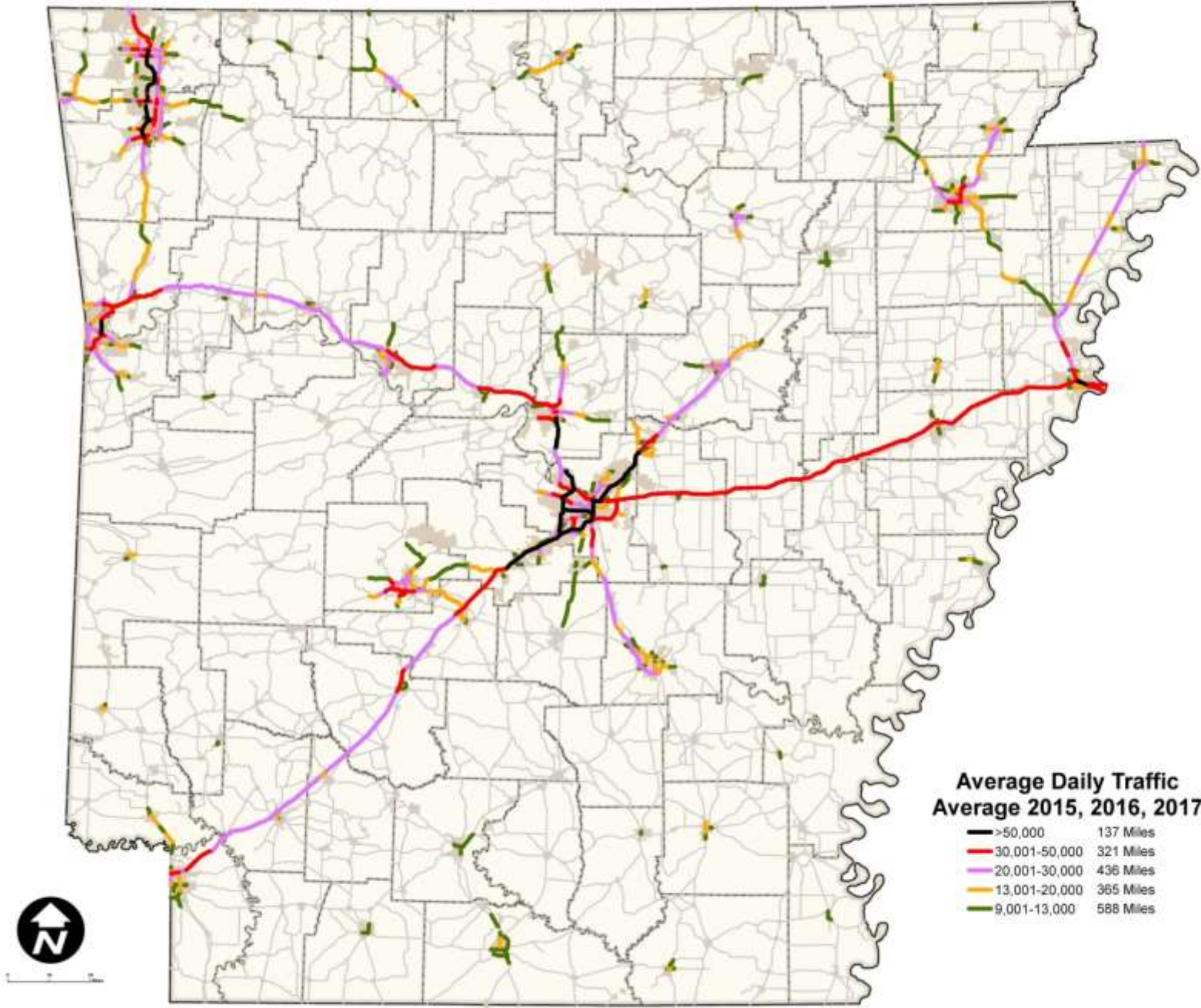
**Average Daily Traffic**





**588 Miles**  
between  
**9,001 - 13,000**  
Vehicles Per Day

**Average Daily Traffic**



**Average Daily Traffic**  
**Average 2015, 2016, 2017**

>50,000	137 Miles
30,001-50,000	321 Miles
20,001-30,000	436 Miles
13,001-20,000	365 Miles
9,001-13,000	588 Miles



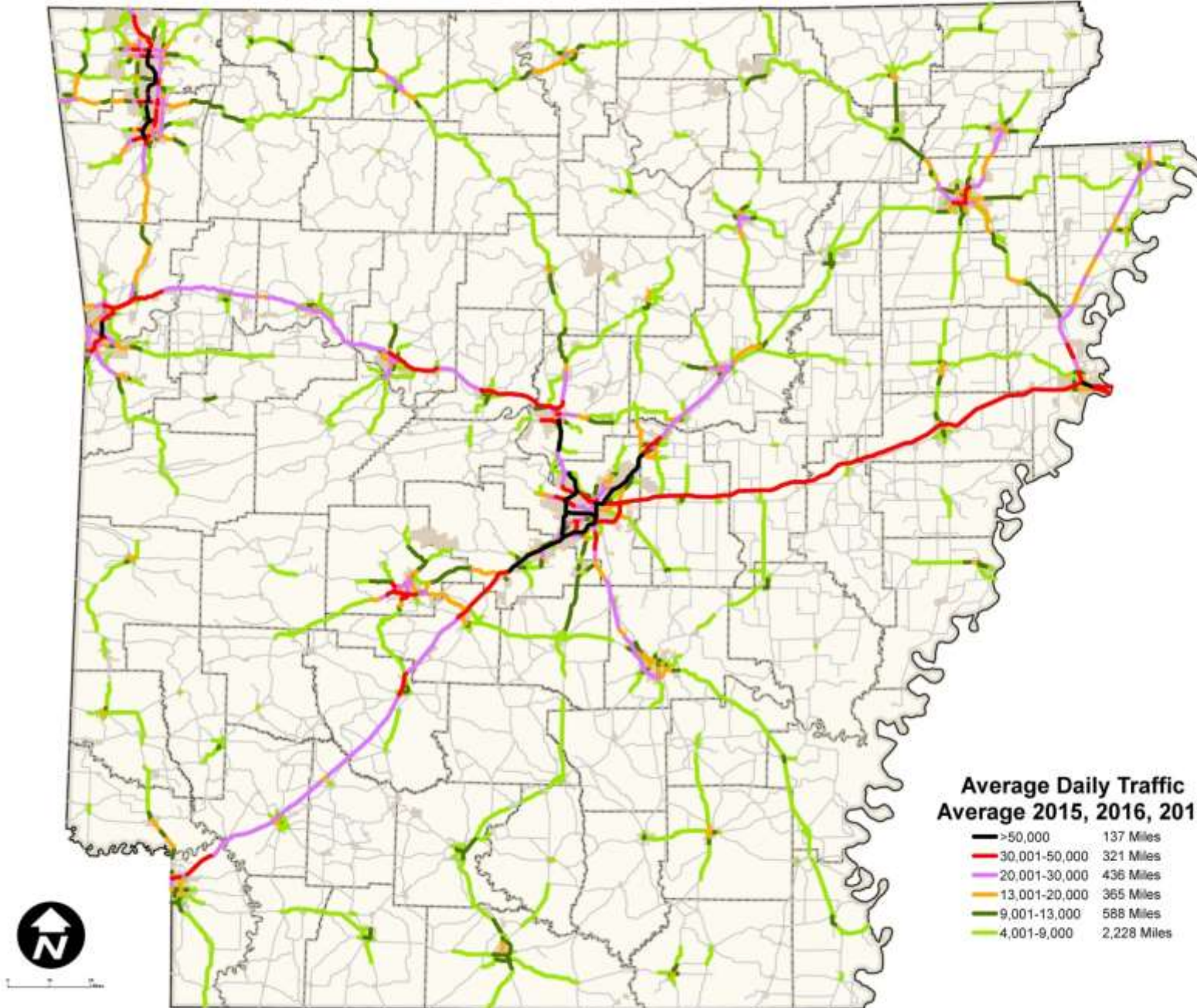


2,228 Miles  
between  
4,001 - 9,000  
Vehicles Per Day

**Average Daily Traffic**

**Average Daily Traffic  
Average 2015, 2016, 2017**

— >50,000	137 Miles
— 30,001-50,000	321 Miles
— 20,001-30,000	436 Miles
— 13,001-20,000	365 Miles
— 9,001-13,000	588 Miles
— 4,001-9,000	2,228 Miles





# Funding Generated From 4,000 ADT Roadway Segment

4,000 Average Daily Traffic \* 365 Days = 1,460,000 Vehicle Miles Traveled Per Year

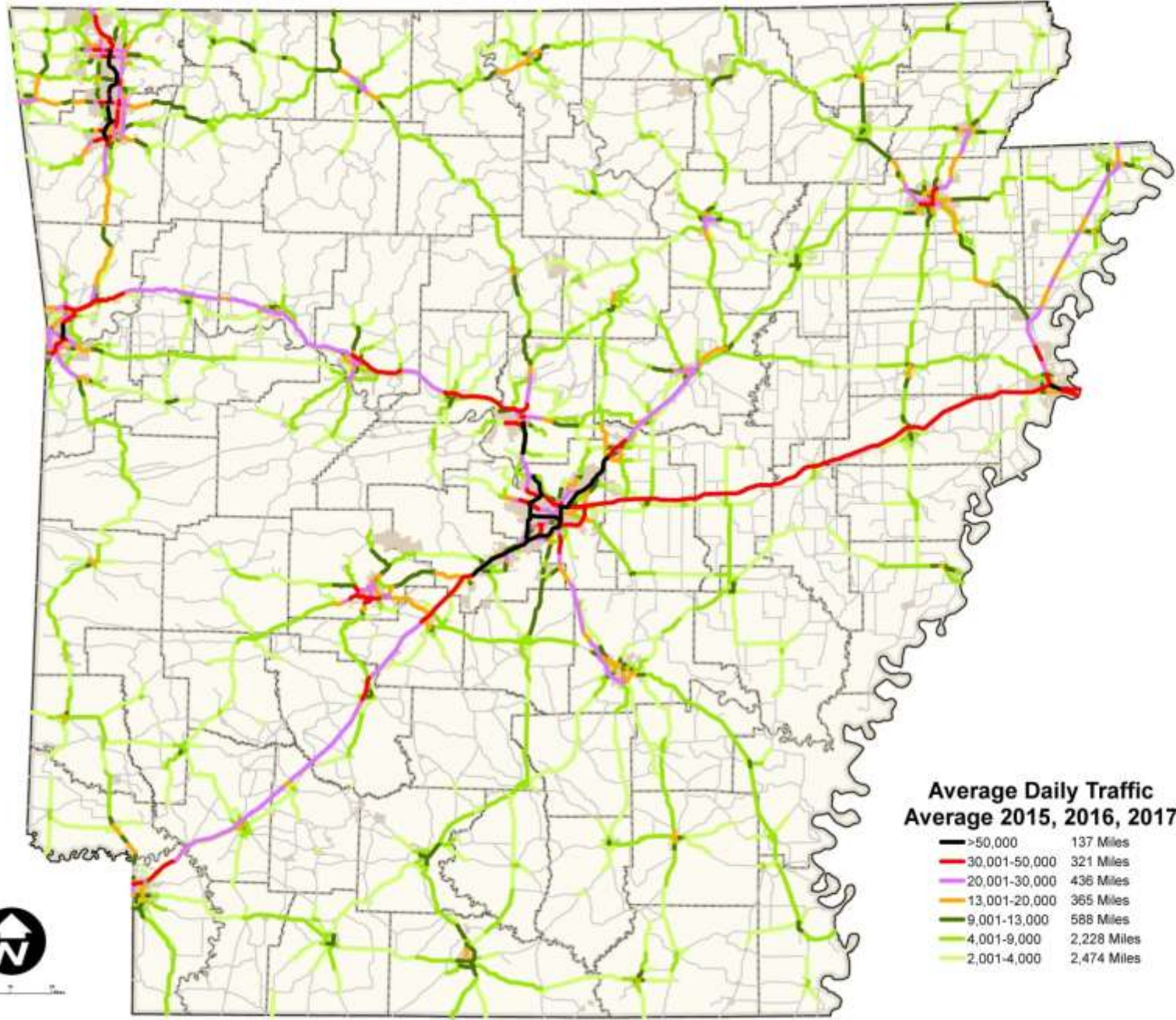
Type Vehicle	Miles Traveled	Gallons of Fuel	Fuel Tax Generated
Car	1,394,300	63,377	\$13,626
Truck	65,700	10,266	\$2,310
<b>Totals</b>	<b>1,460,000</b>	<b>73,643</b>	<b>\$15,936</b>

ARDOT Receives Approximately 63% of Funding Generated from Fuel Tax

**\$10,040 Per Year for a 2-Lane Road**

2,474 Miles  
between  
2,001 - 4,000  
Vehicles Per Day

**Average Daily Traffic**



**Average Daily Traffic  
Average 2015, 2016, 2017**

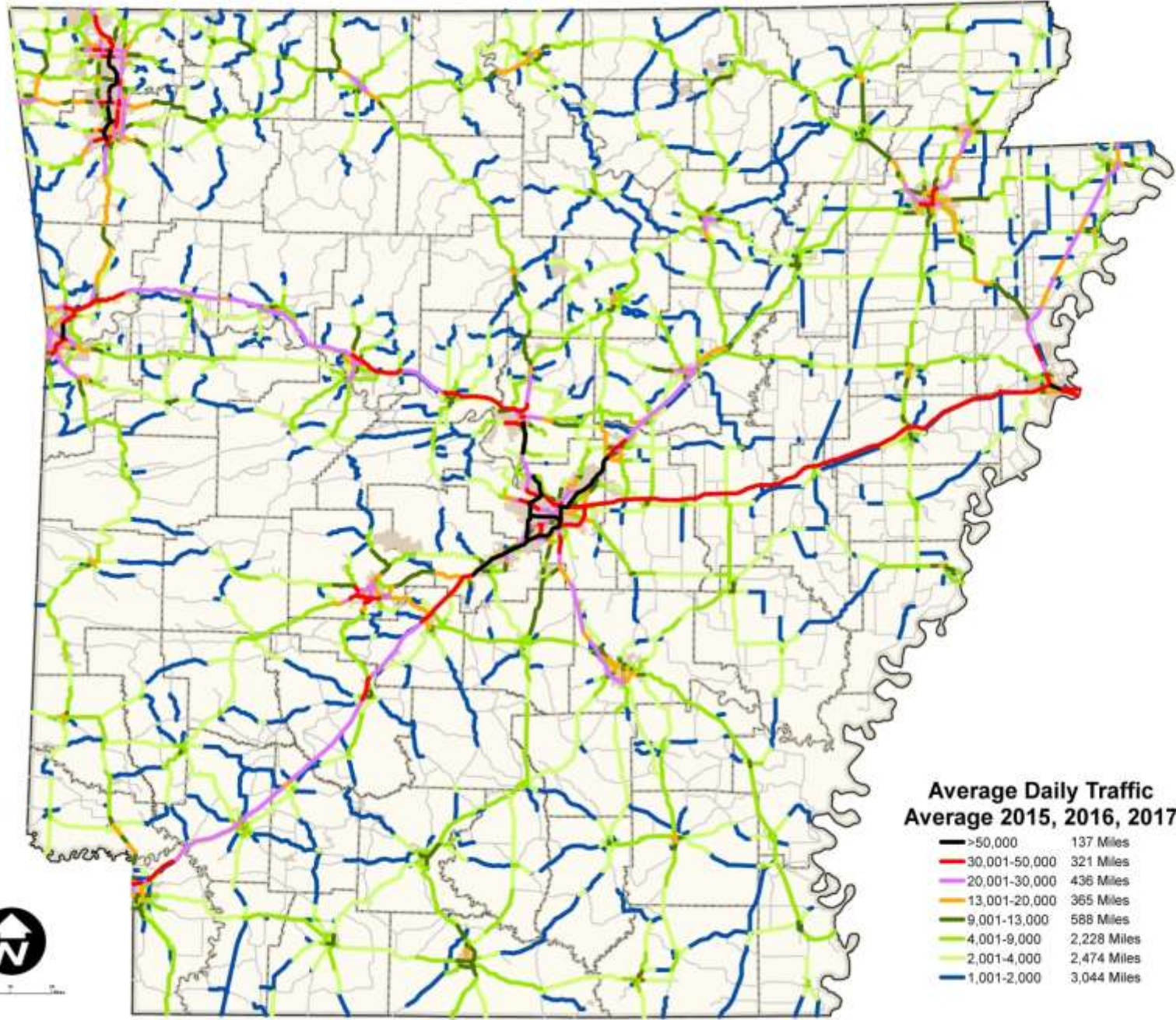
— >50,000	137 Miles
— 30,001-50,000	321 Miles
— 20,001-30,000	436 Miles
— 13,001-20,000	365 Miles
— 9,001-13,000	588 Miles
— 4,001-9,000	2,228 Miles
— 2,001-4,000	2,474 Miles





3,044 Miles  
between  
1,001 - 2,000  
Vehicles Per Day

**Average Daily Traffic**



**Average Daily Traffic  
Average 2015, 2016, 2017**

— >50,000	137 Miles
— 30,001-50,000	321 Miles
— 20,001-30,000	436 Miles
— 13,001-20,000	365 Miles
— 9,001-13,000	588 Miles
— 4,001-9,000	2,228 Miles
— 2,001-4,000	2,474 Miles
— 1,001-2,000	3,044 Miles





3,161 Miles  
between  
501 - 1,000  
Vehicles Per Day

Average Daily Traffic





3,697 Miles  
with  
Less Than 500  
Vehicles Per Day

Average Daily Traffic



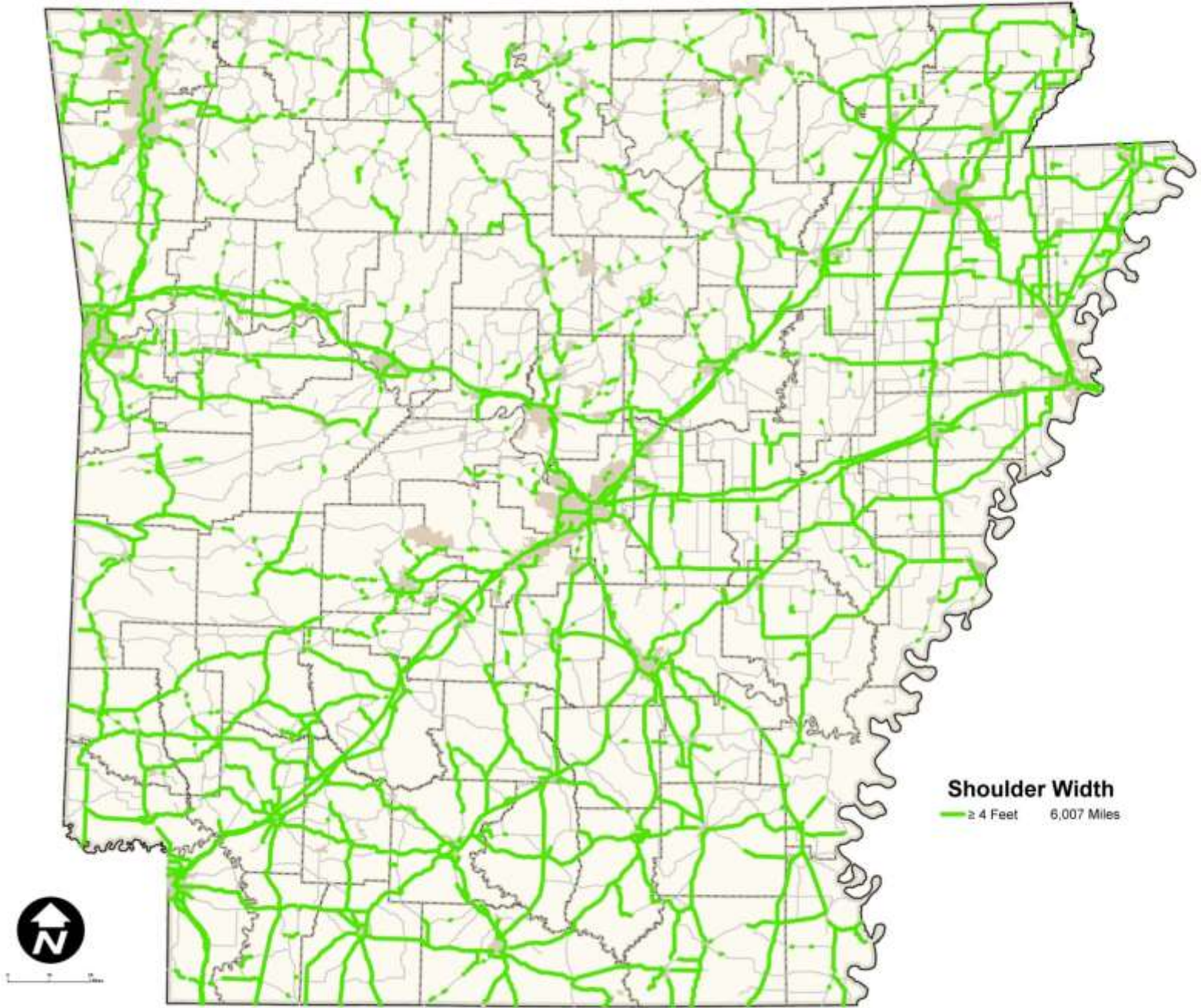
# Shoulder Width





6,007 Miles  
4' or Greater  
Shoulders

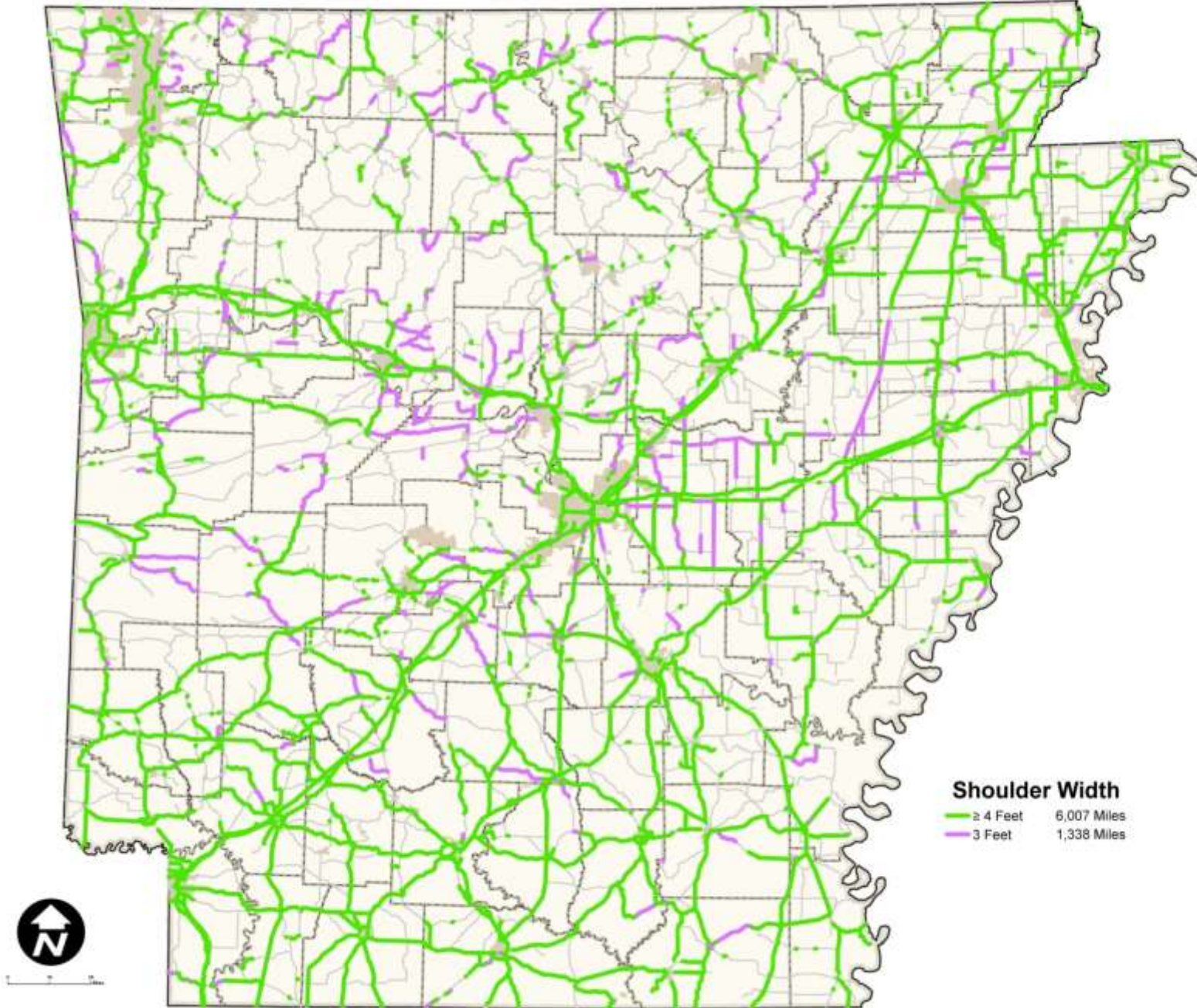
Shoulder Width





1,338 Miles  
of  
3' Shoulder

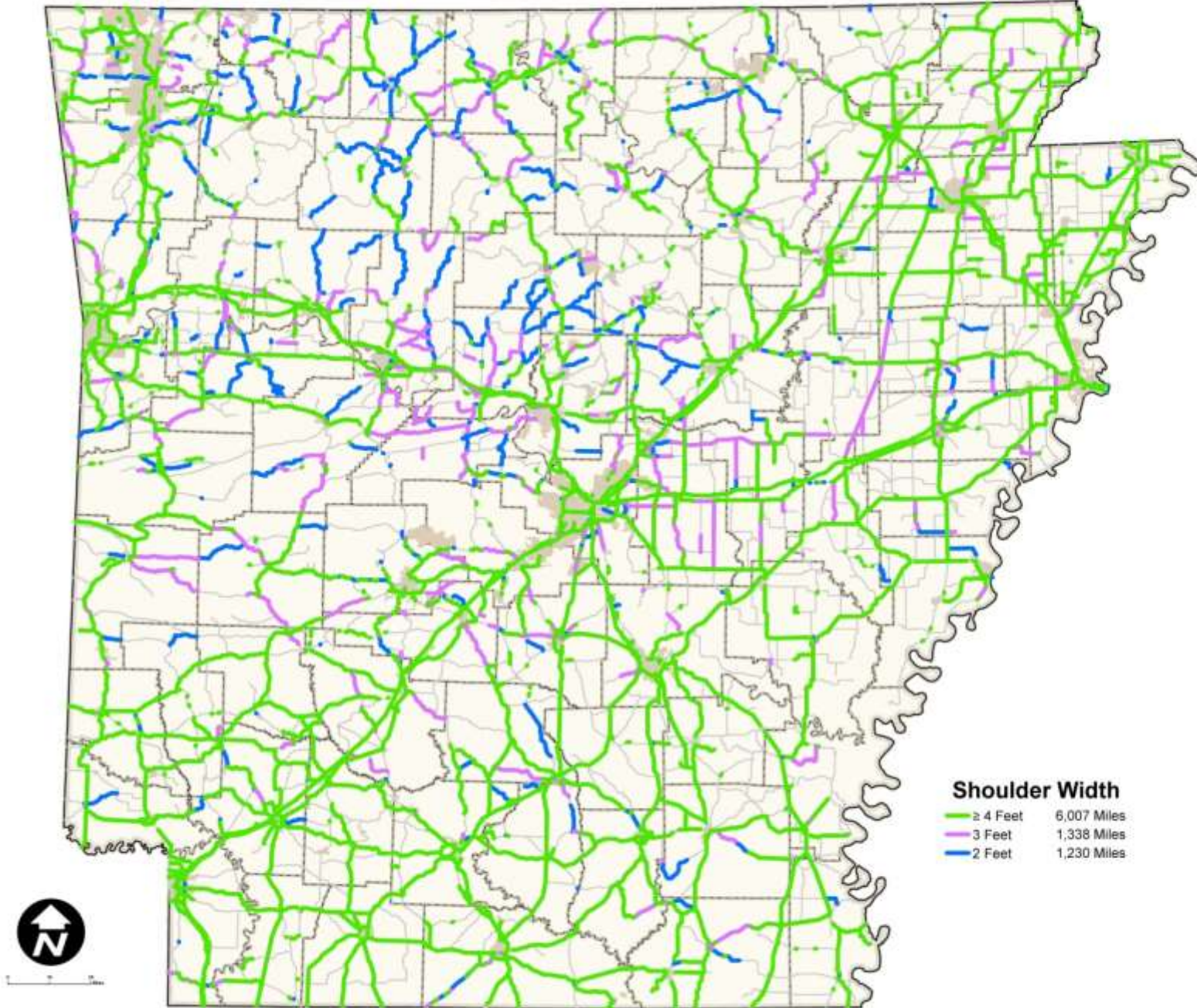
Shoulder Width





1,230 Miles  
of  
2' Shoulder

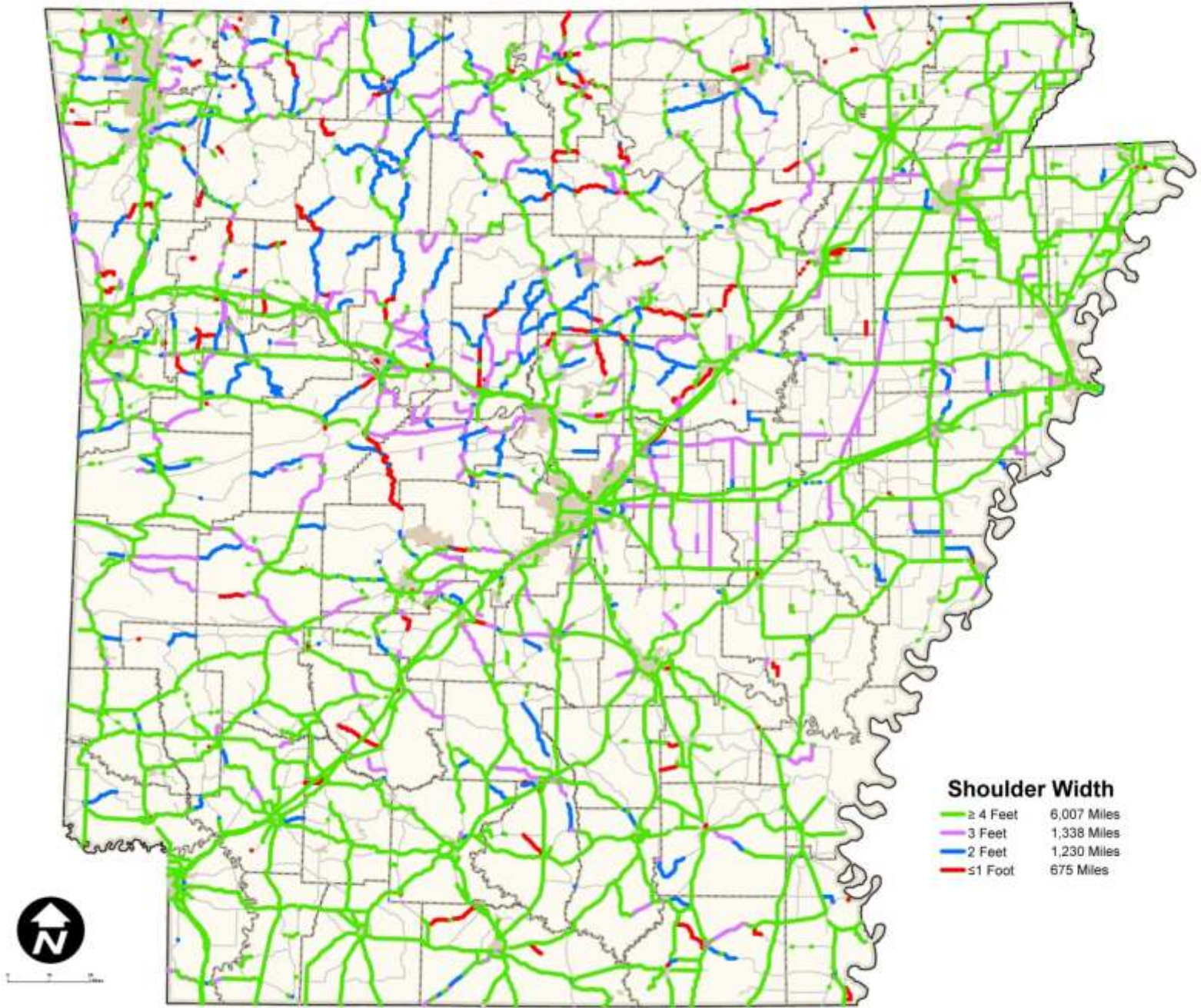
Shoulder Width





675 Miles  
1' or Less  
Shoulders

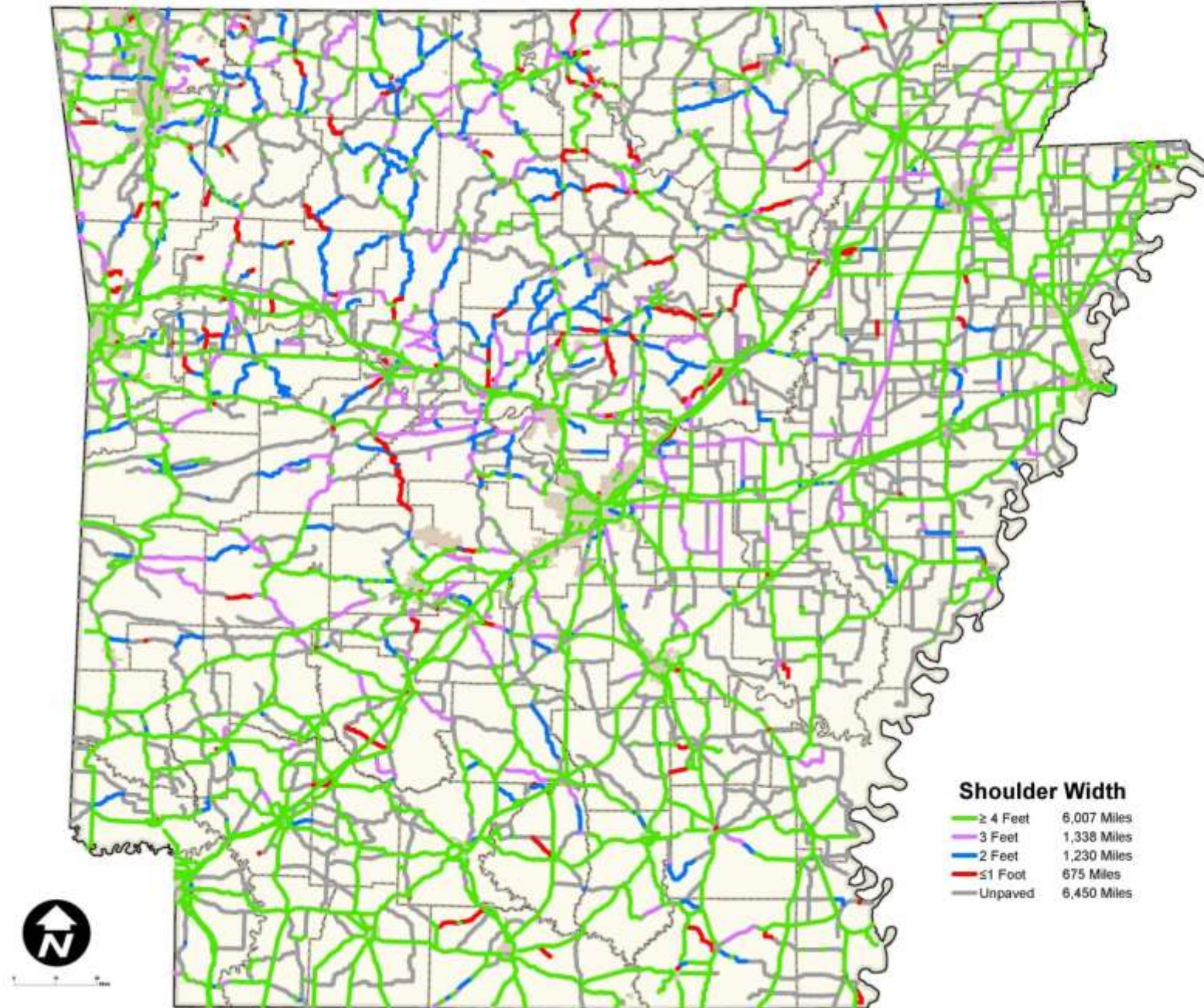
Shoulder Width





6,450 Miles  
Unpaved  
Shoulders

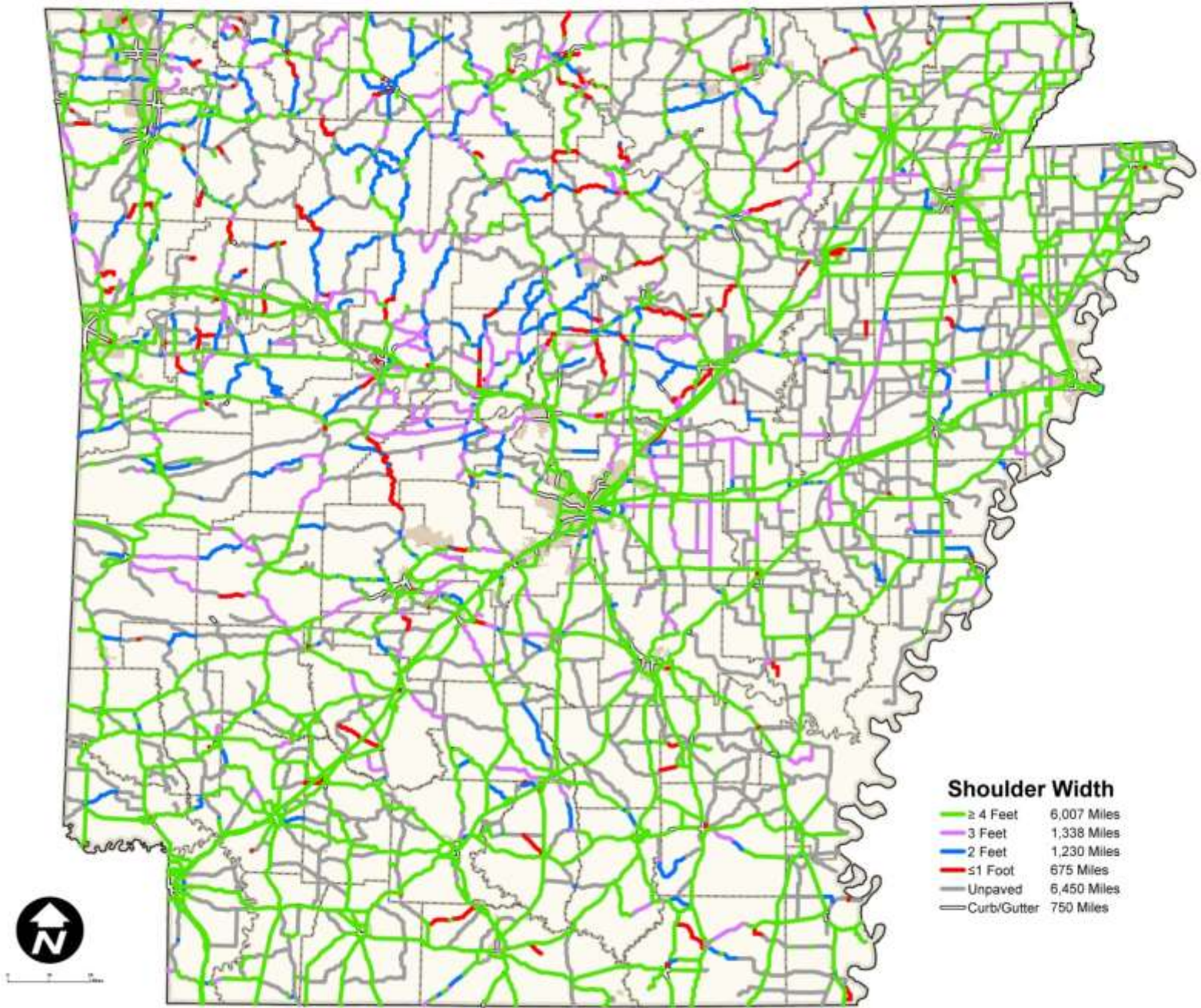
Shoulder Width





750 Miles  
Curb &  
Gutter

Shoulder Width





# Route Connectivity



**286 Miles of Business Routes**

**25 Miles of City Route**

**83 Miles of Spur Routes**

**4 Miles of Truck Routes**

**851 Miles of No Connection Routes**

**B, C, S, T Routes**





# Managing the Decline

- **Possible Actions**

- ✓ Convert Selected Highways into Gravel Roads
- ✓ Reduce Level of Design
- ✓ Require Capital/Capacity Improvement Projects to include Local Funding
- ✓ Increased Concentration of Projects on Arkansas Primary Highway Network
- ✓ Increased Concentration of Projects on System Preservation
- ✓ Increased Concentration of Maintenance Efforts on Arkansas Primary Highway Network

## **Discussion on Status of State Matching Funds for Federal Fiscal Year 2018**



# Upcoming Highway Commission Meetings

July 11

August 29

October 10

November 14



**Highway Commission Review & Advisory Subcommittee**  
**June 14, 2018**