

Randy Ort

Assistant Chief - Administration



Highway Commission Review & Advisory Subcommittee

June 14, 2018



SFY 2018 3rd QUARTER
REPORT TO THE
HIGHWAY COMMISSION
REVIEW & ADVISORY SUBCOMMITTEE



ARKANSAS HIGHWAY COMMISSION
10324 Interstate 30, Little Rock, Arkansas 72209

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?

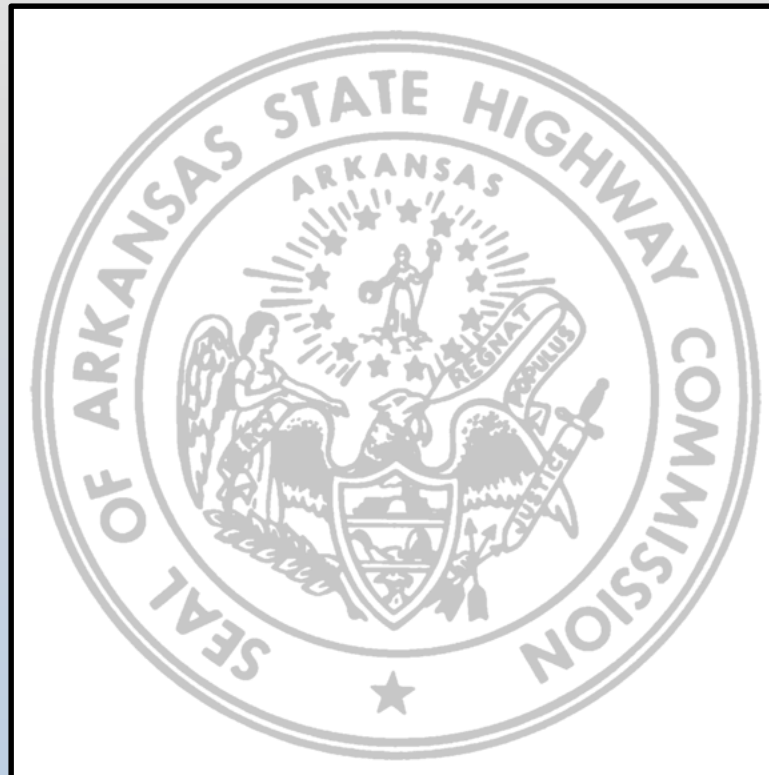
Stricken language would be deleted from and underlined language would be added to present law.
Act 1 of the Third Extraordinary Session

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.	

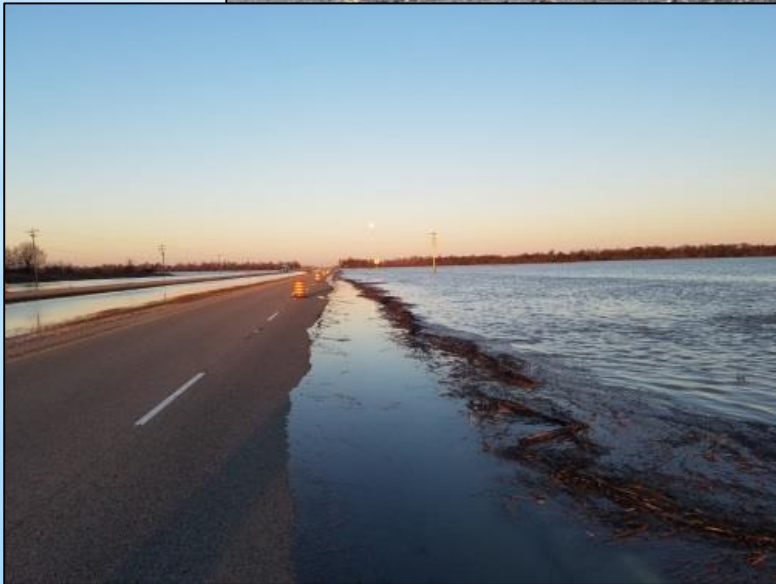
Arkansas vs. Tennessee

	<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

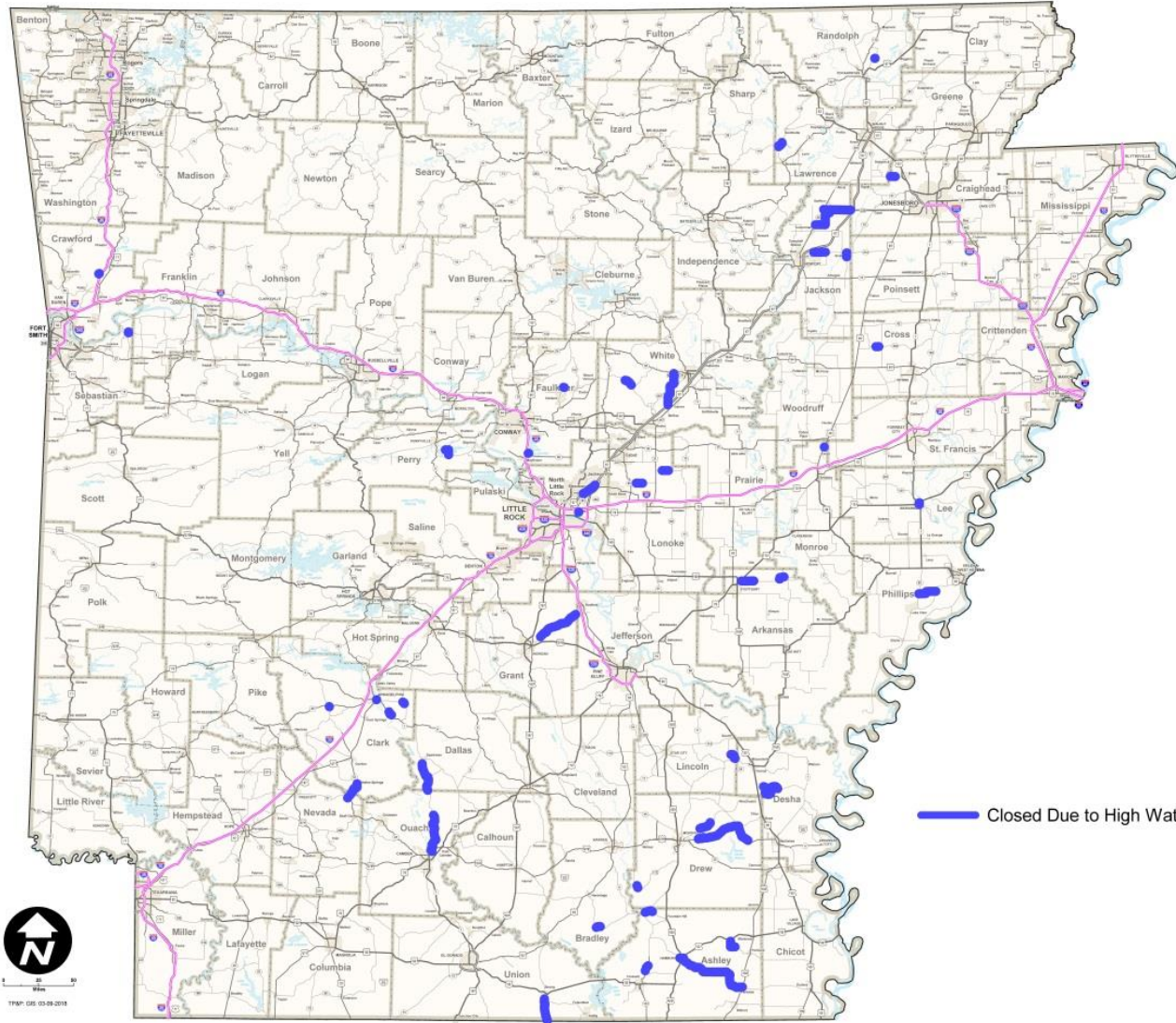
Arkansas Highway Commission March 14, 2018 Meeting



February - March Flooding



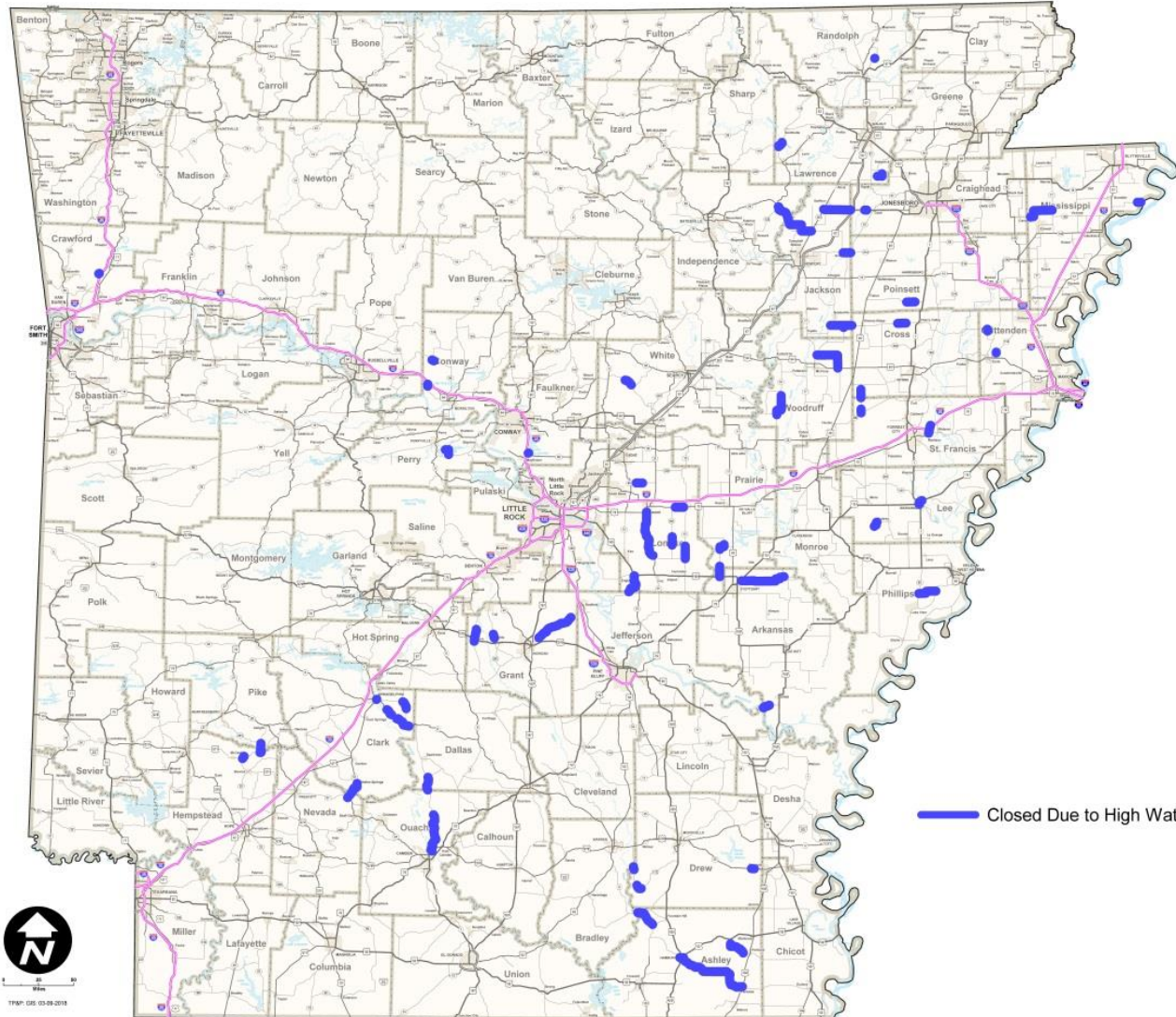
February - March Flooding



**Closed Highways Due to High Water
February 14th to February 24th, 2018**



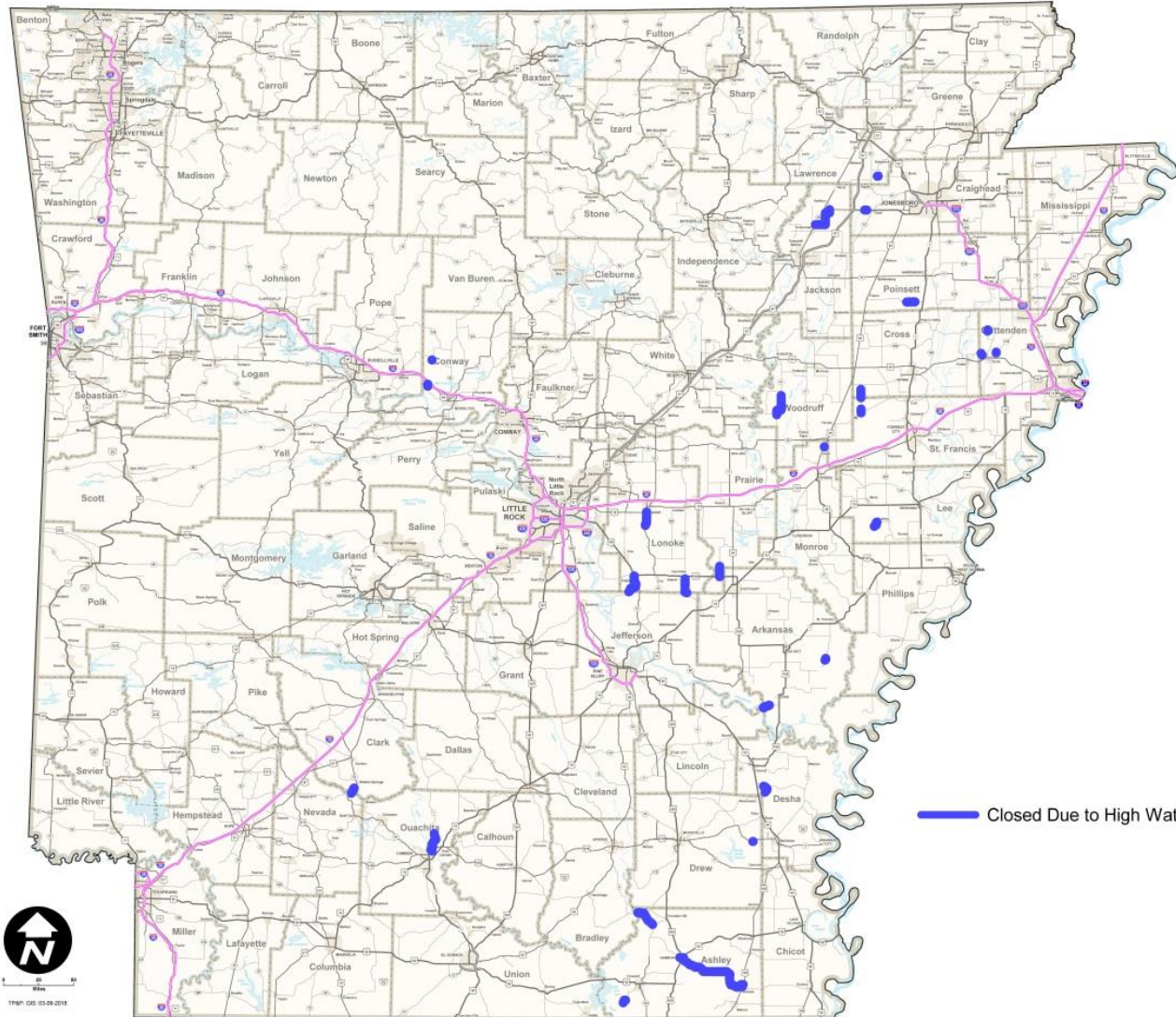
February - March Flooding



**Closed Highways Due to High Water
February 25th to March 3rd, 2018**



February - March Flooding

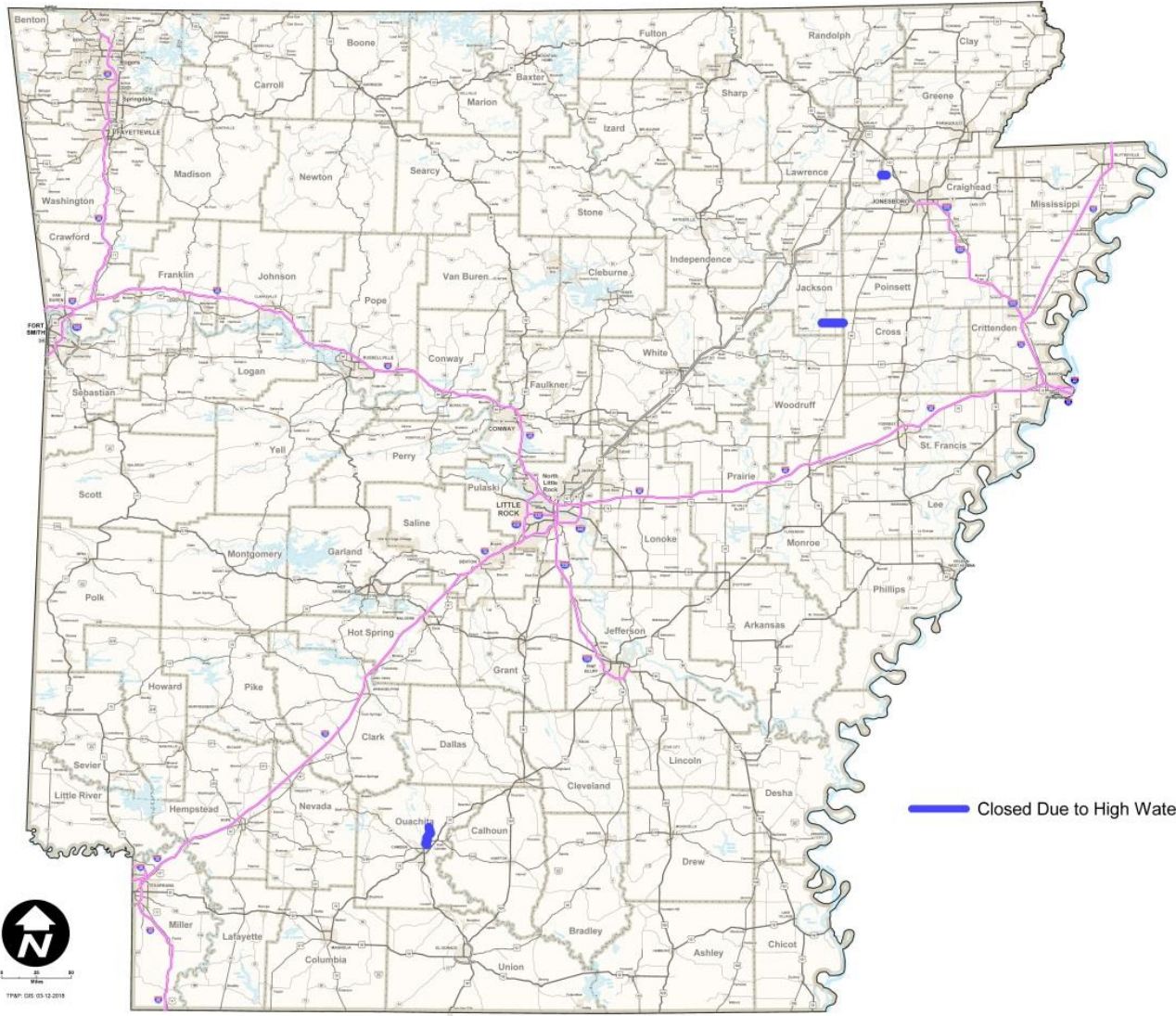


TRIP: 02/03/09/2018

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



February - March Flooding

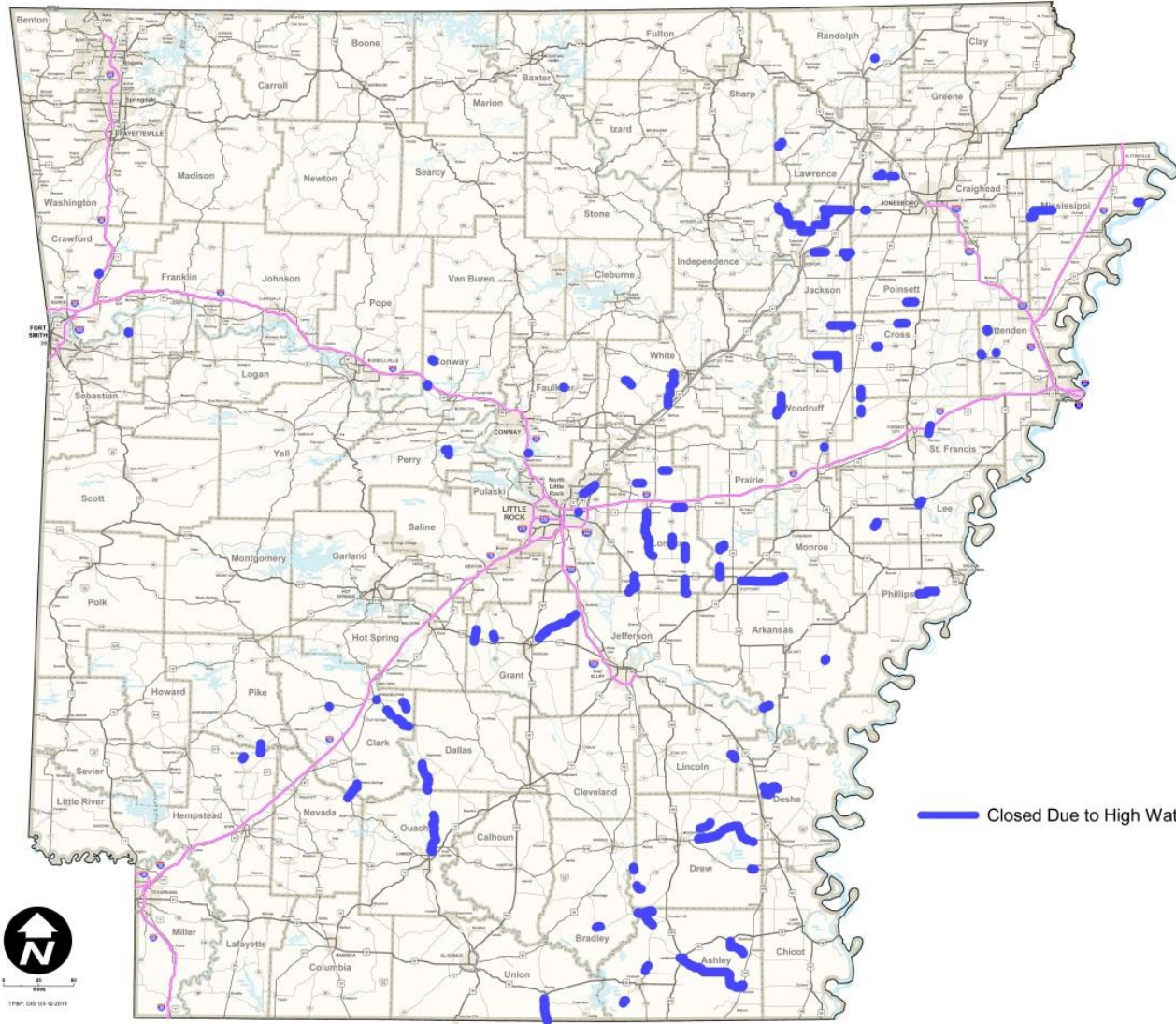


**Closed Highways Due to High Water
March 10th to March 12th, 2018**



778P: 05: 03-12-2018

February - March Flooding



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



778P: 05: 03-12-2018

American Council of Engineering Companies Engineering Excellence Awards



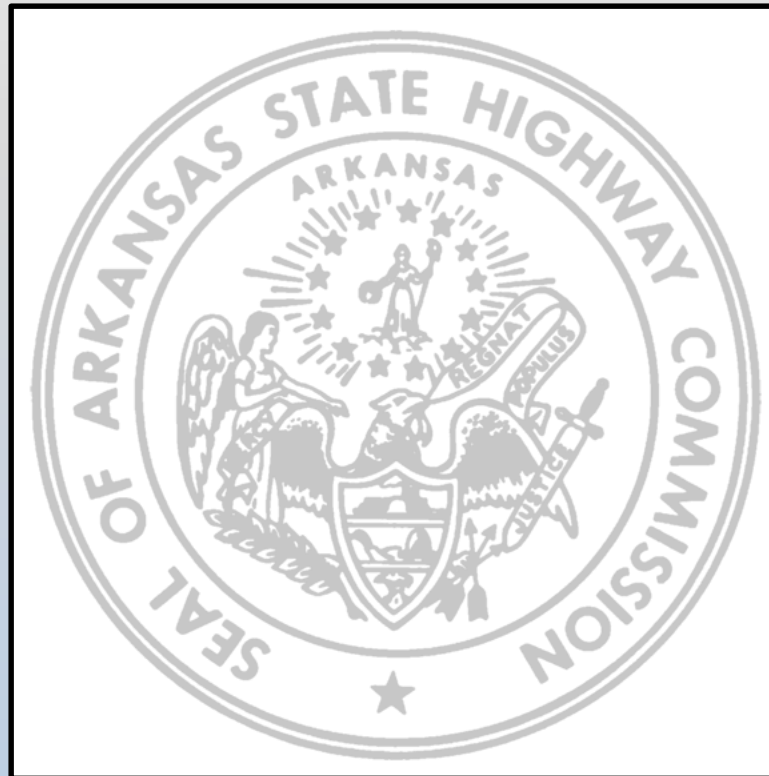
American Council of Engineering Companies Engineering Excellence Awards



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



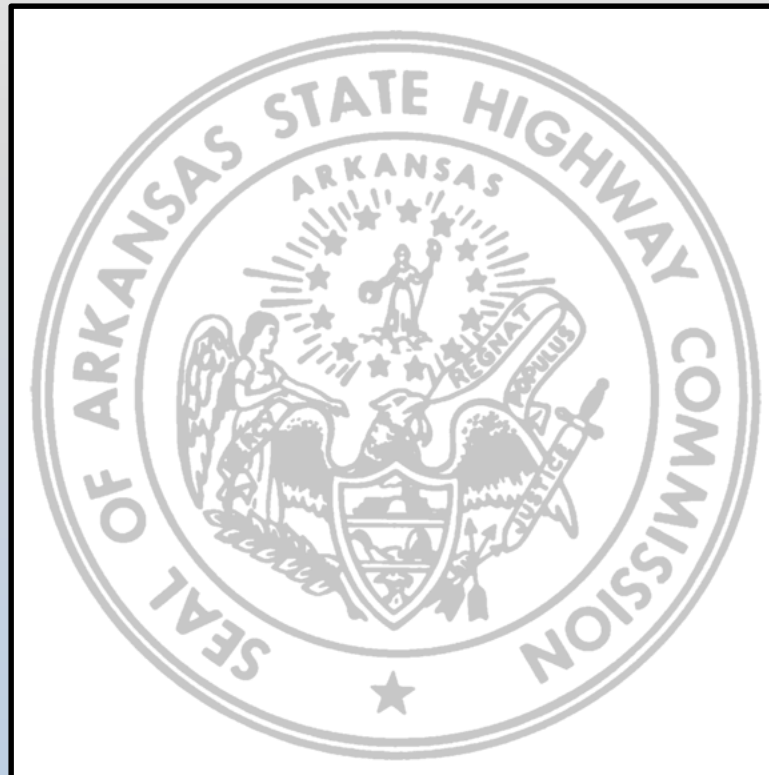
Ribbon Cuttings



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

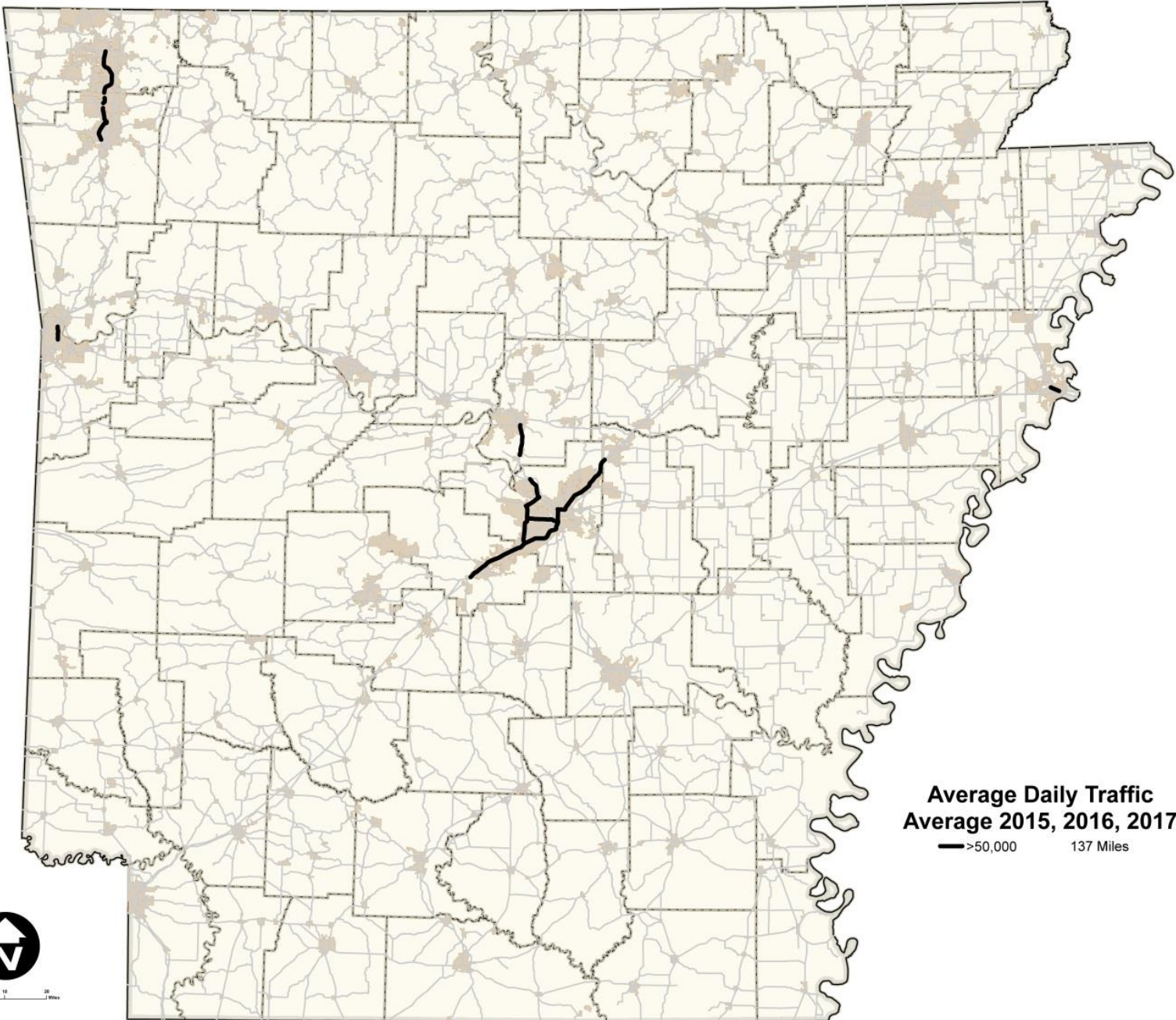
Managing the Decline

Managing the Decline of the Highway System



Average Daily Traffic





Average Daily Traffic
Average 2015, 2016, 2017
 — >50,000 137 Miles



0 10 20 Miles

TREP: 08-05-21-18

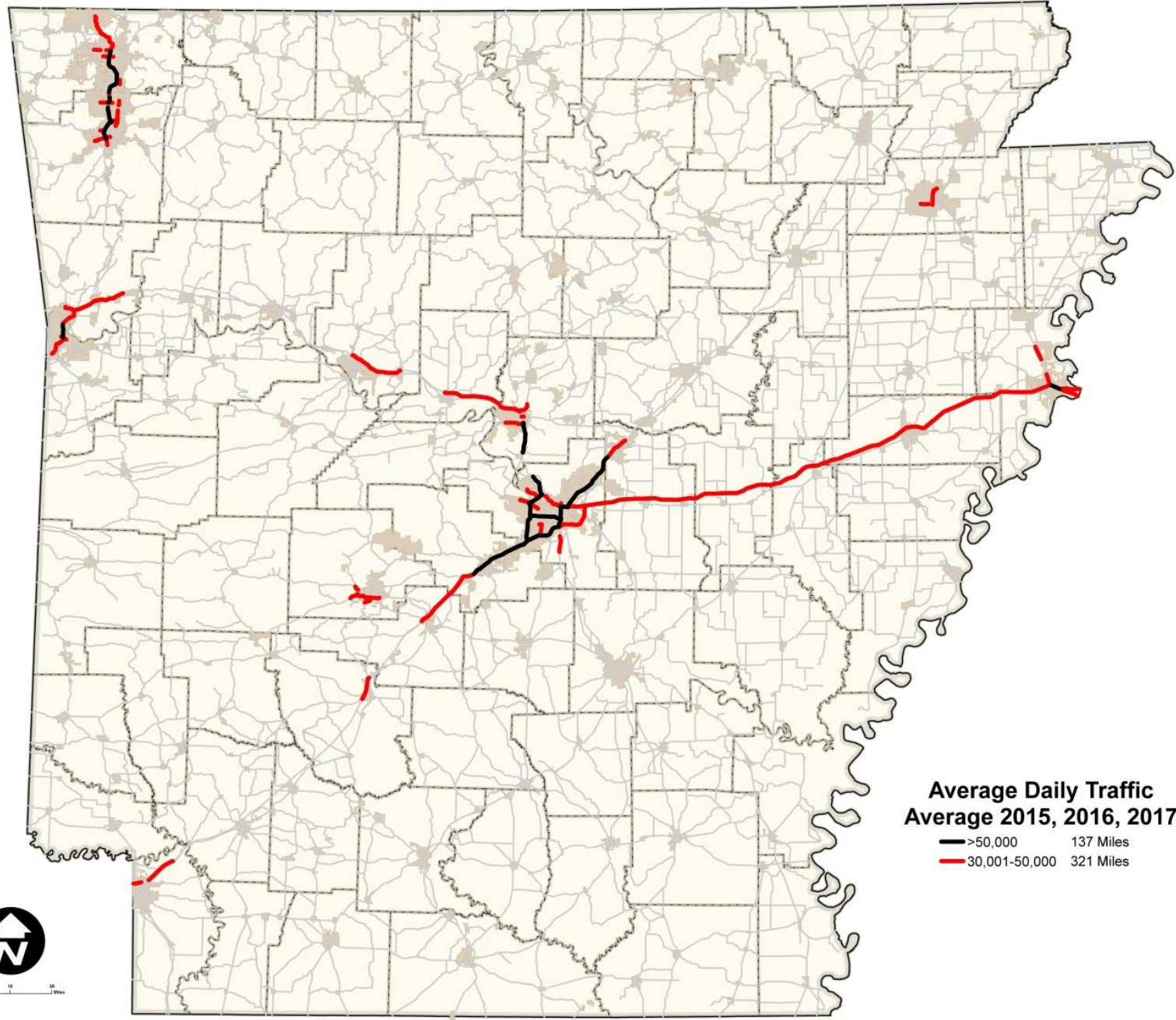
Average Daily Traffic

137 Miles
 with
 Greater than
50,000
 Vehicles Per day



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

Average Daily Traffic

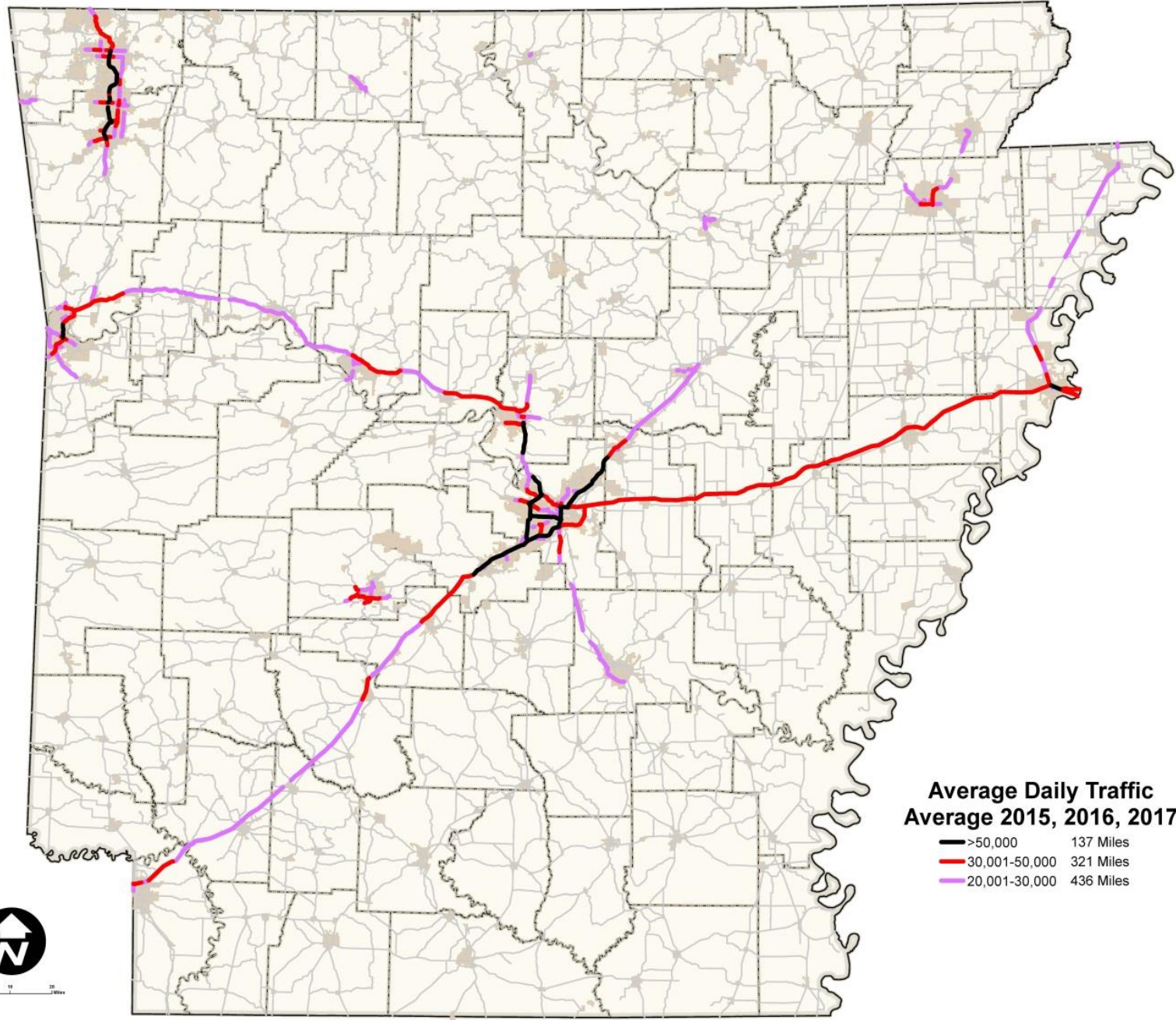


**Average Daily Traffic
Average 2015, 2016, 2017**
— >50,000 137 Miles
— 30,001-50,000 321 Miles



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

Average Daily Traffic



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

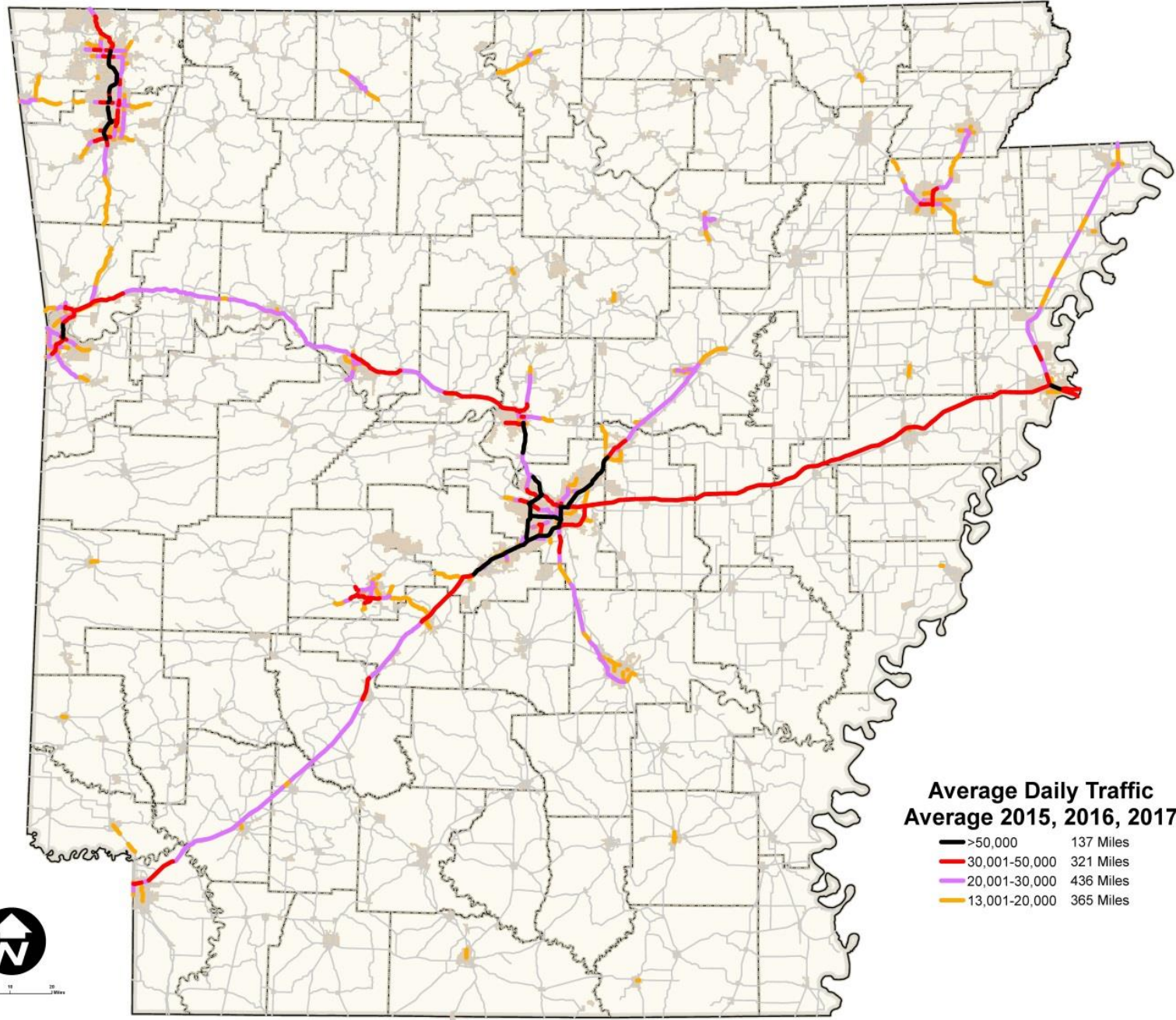
— >50,000	137 Miles
— 30,001-50,000	321 Miles
— 20,001-30,000	436 Miles

TREP: GIS: 05-01-18



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

Average Daily Traffic



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

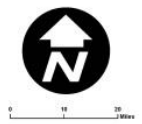
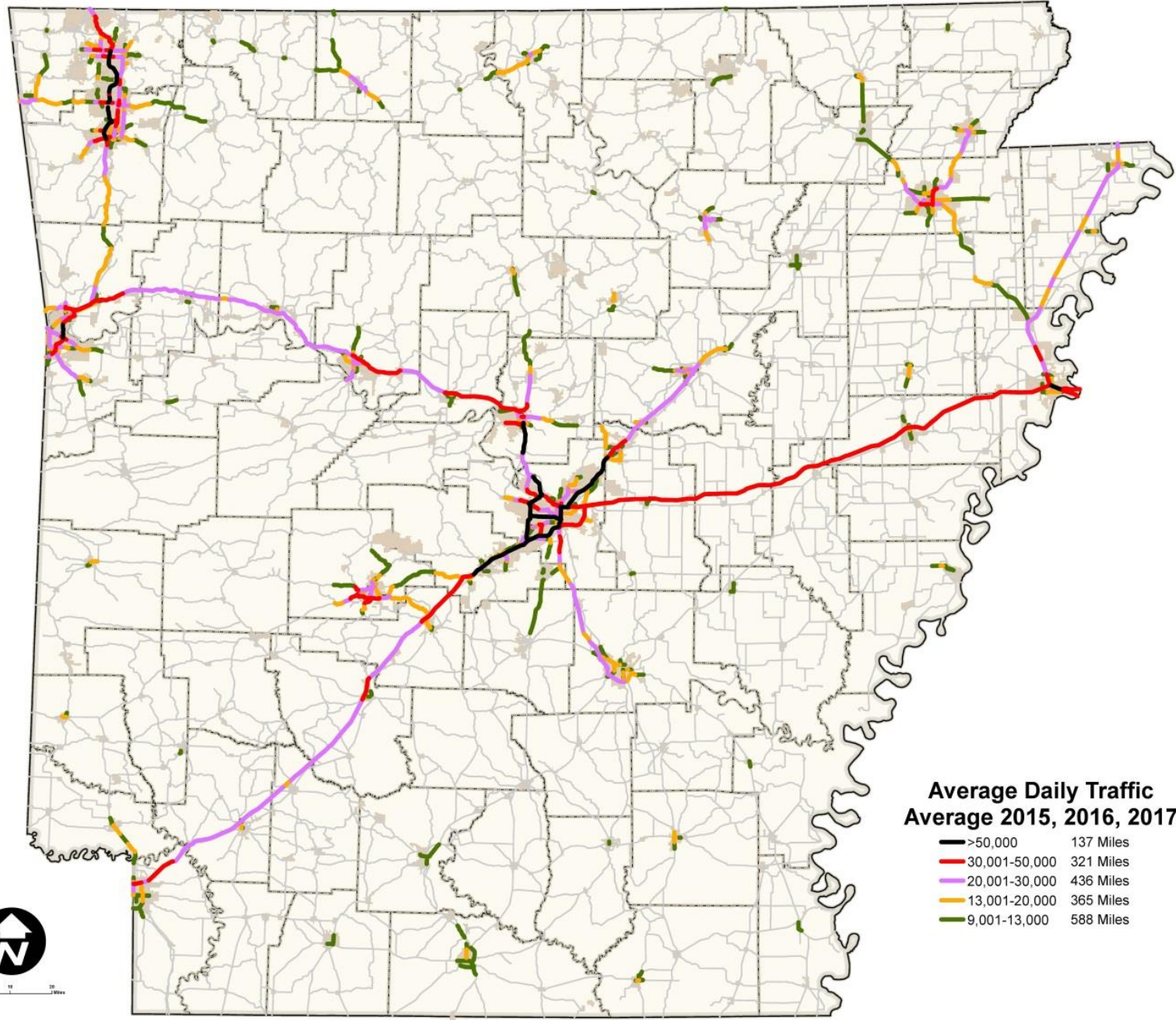
— >50,000	137 Miles
— 30,001-50,000	321 Miles
— 20,001-30,000	436 Miles
— 13,001-20,000	365 Miles

TREP: GIS: 05-01-18



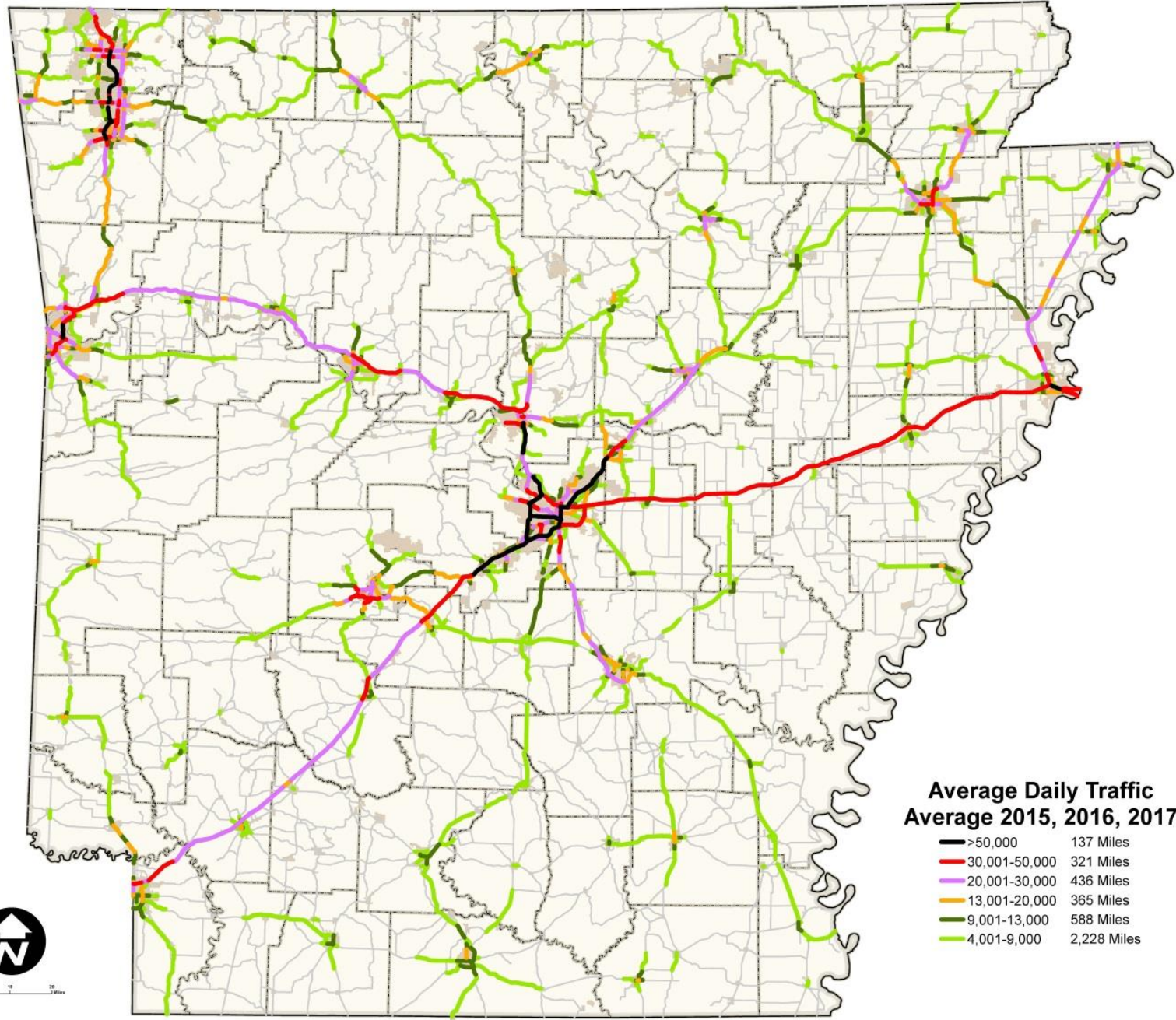
588 Miles
between
9,001 - 13,000
Vehicles Per Day

Average Daily Traffic



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

TREP: GIS: 05-01-18



Funding Generated From 4,000 ADT Roadway Segment

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

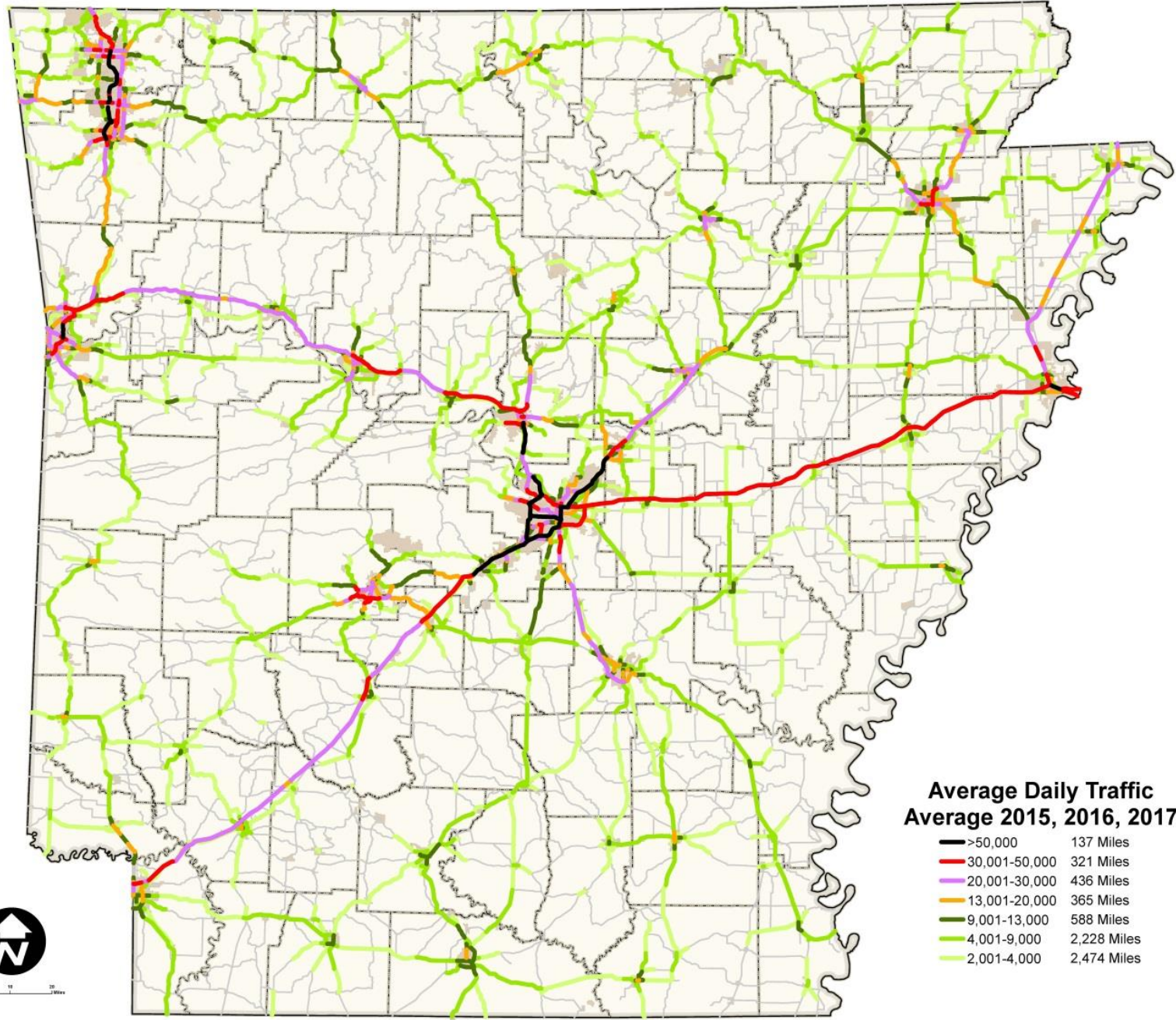
Type Vehicle	Miles Traveled	Gallons of Fuel	Fuel Tax Generated
Car	1,394,300	63,377	\$13,626
Truck	65,700	10,266	\$2,310
Totals	1,460,000	73,643	\$15,936

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**

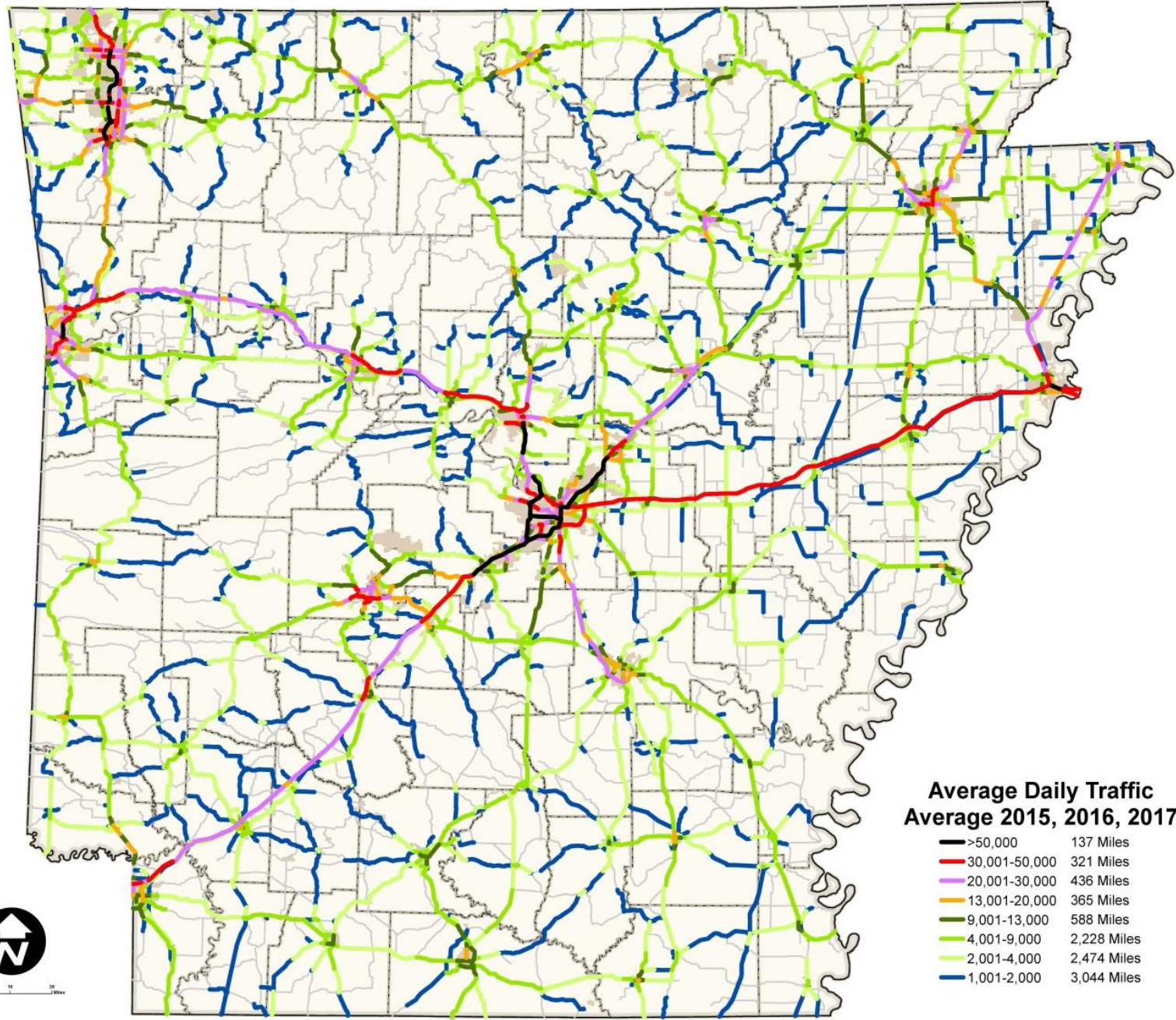
— >50,000	137 Miles
— 30,001-50,000	321 Miles
— 20,001-30,000	436 Miles
— 13,001-20,000	365 Miles
— 9,001-13,000	588 Miles
— 4,001-9,000	2,228 Miles
— 2,001-4,000	2,474 Miles

TREP: GIS: 05-01-18



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

Average Daily Traffic



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

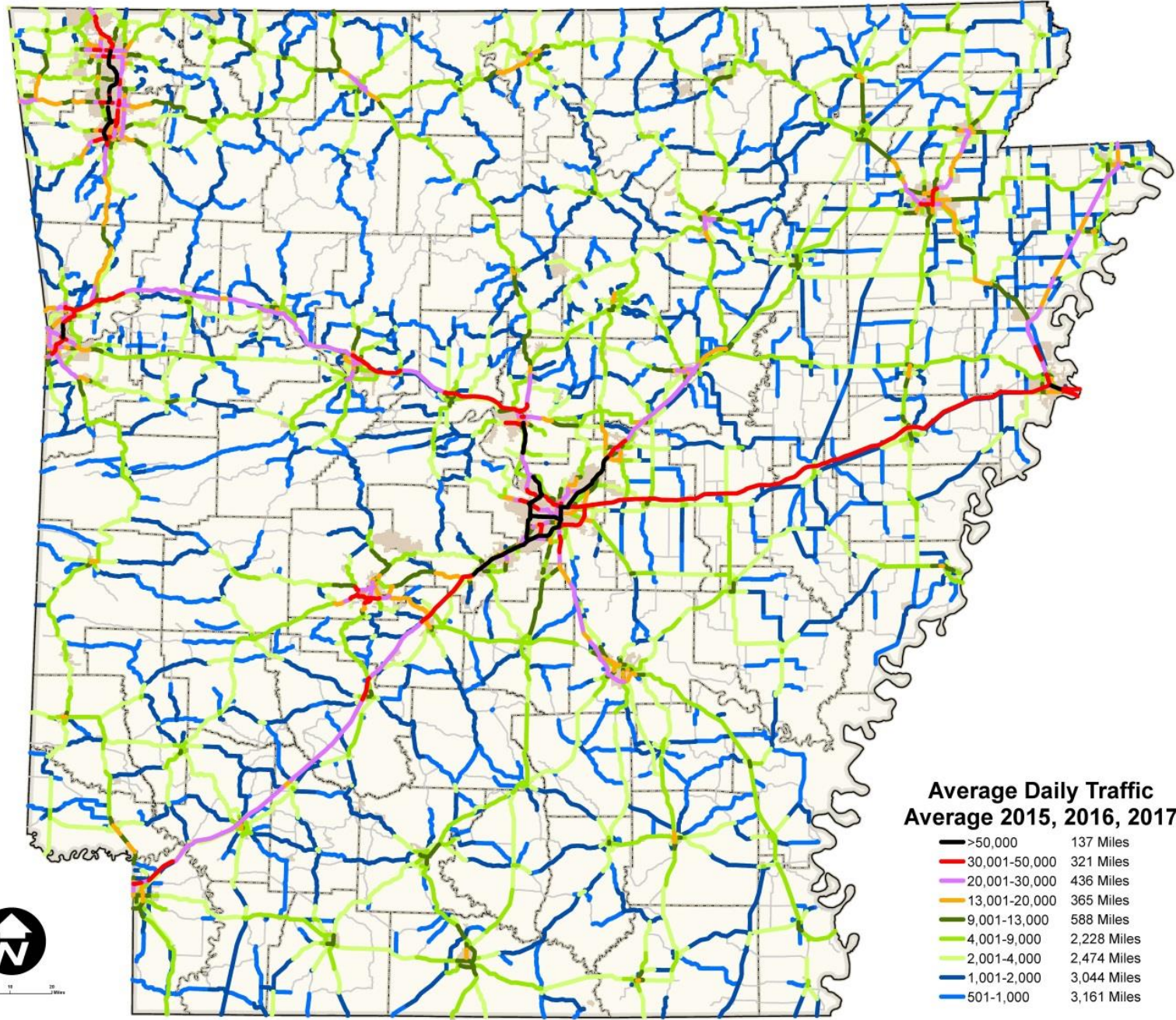
— >50,000	137 Miles
— 30,001-50,000	321 Miles
— 20,001-30,000	436 Miles
— 13,001-20,000	365 Miles
— 9,001-13,000	588 Miles
— 4,001-9,000	2,228 Miles
— 2,001-4,000	2,474 Miles
— 1,001-2,000	3,044 Miles

TREP: GIS: 05-01-18



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

Average Daily Traffic

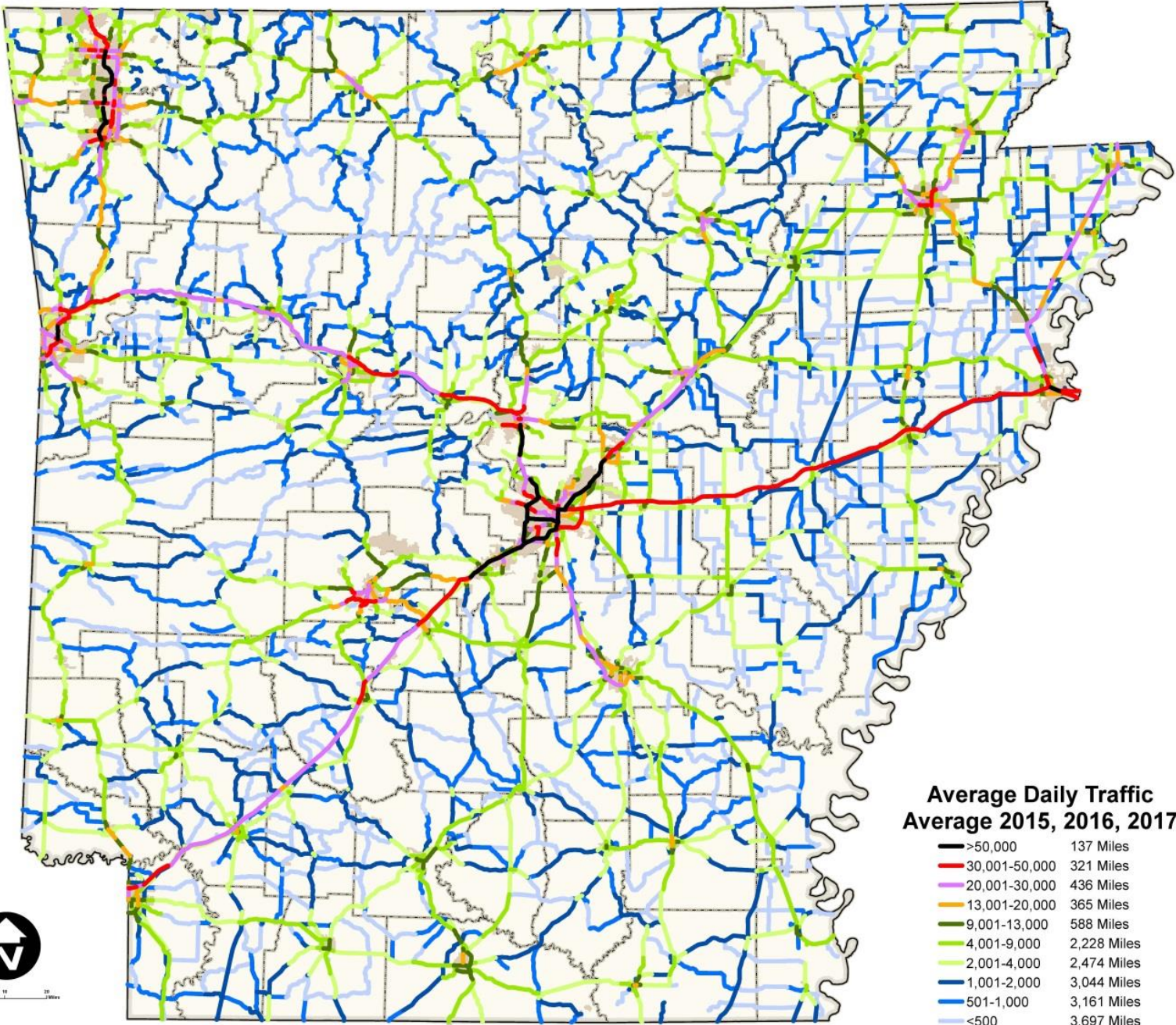


**Average Daily Traffic
Average 2015, 2016, 2017**

>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
501-1,000	3,161 Miles

TREP: GIS: 05-01-18





**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
— 501-1,000	3,161 Miles
— <500	3,697 Miles

TREP: GIS: 05-01-18

Average Daily Traffic

**3,697 Miles
with
Less Than 500
Vehicles Per Day**

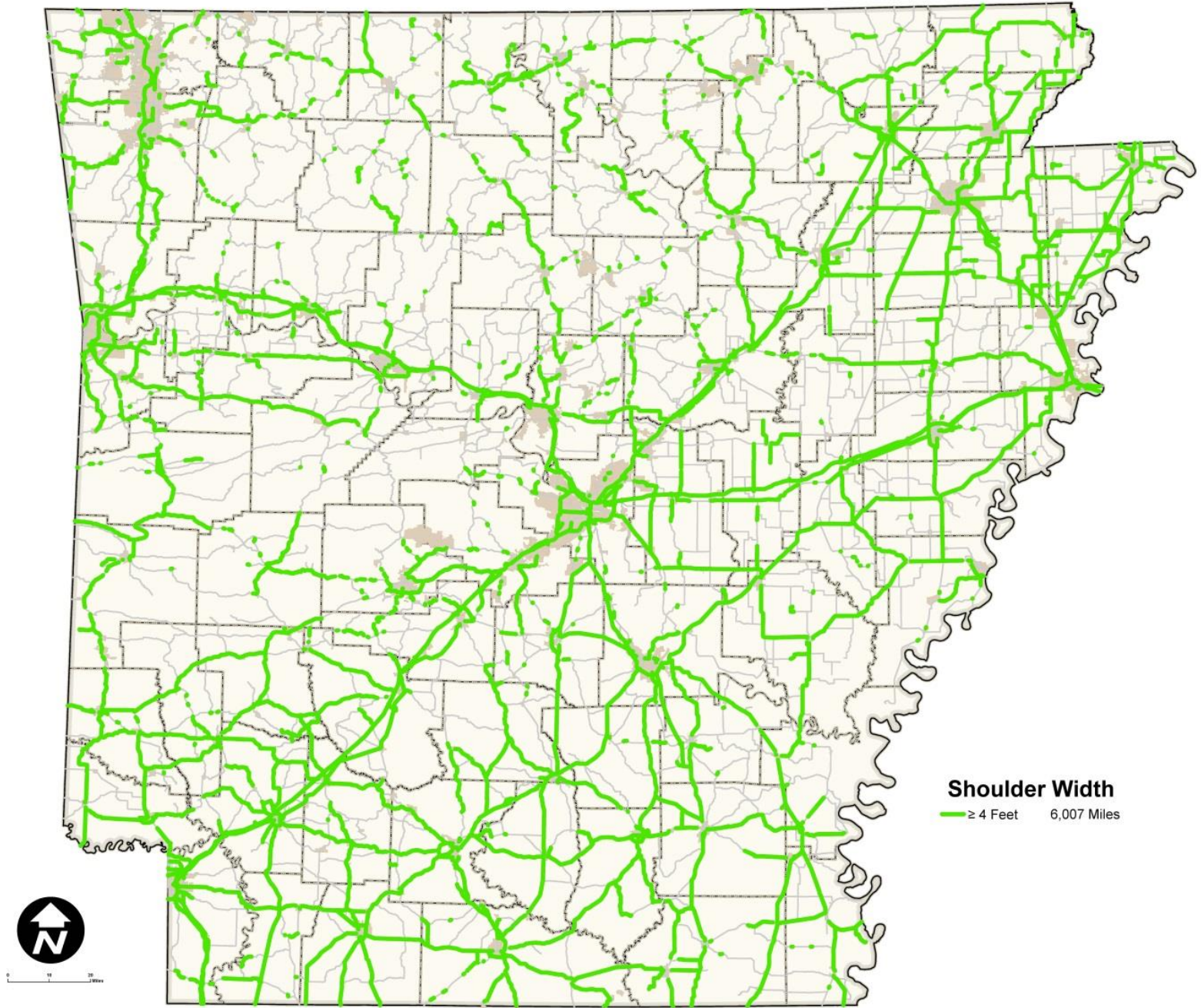


Shoulder Width



6,007 Miles
4' or Greater
Shoulders

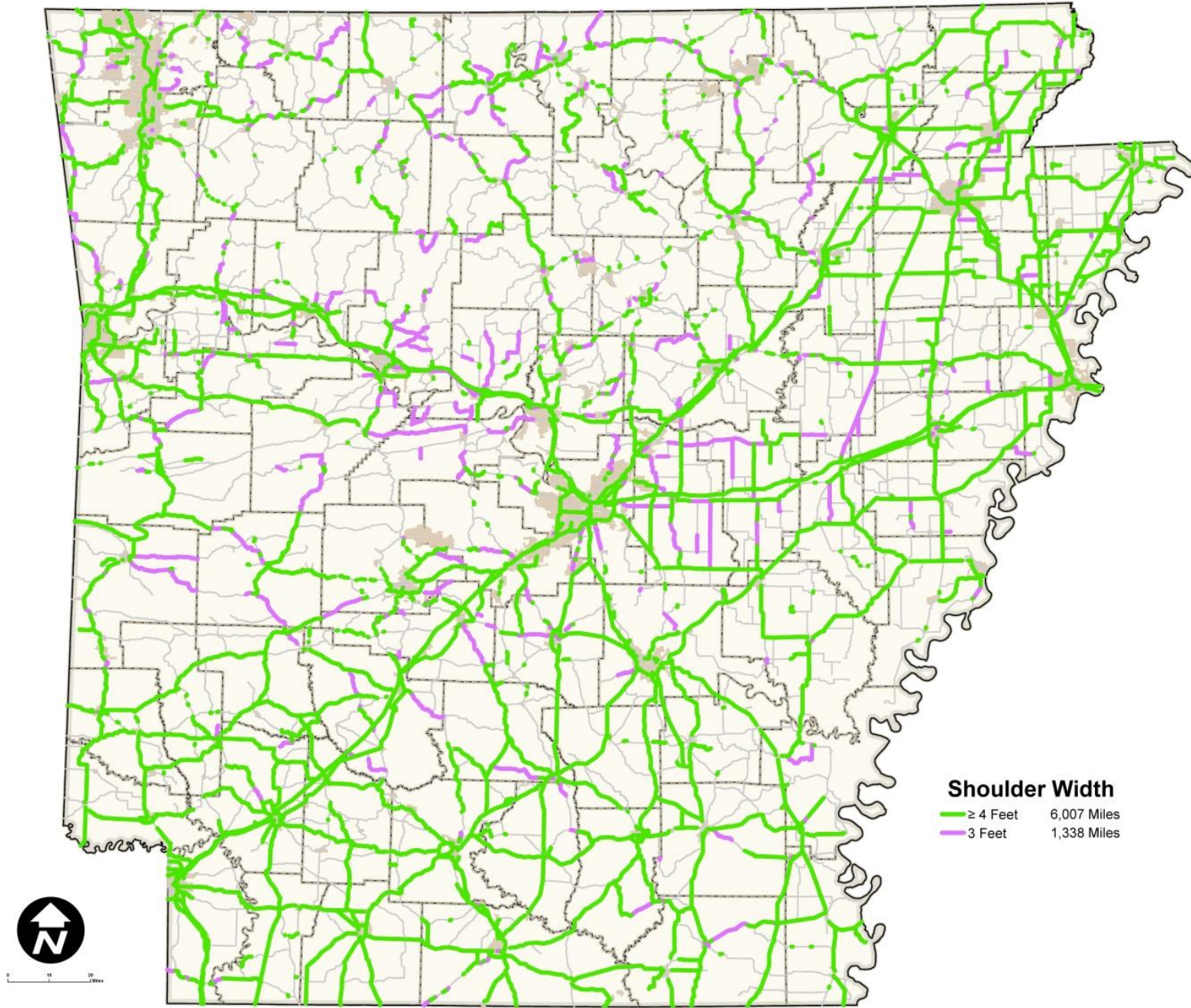
Shoulder Width



TP&P-GIS-DLD-6-1-2018
\\ar\1\gis\mapping\administration\Statewide ADT Averages\PDFs\Use\Statewide Shoulder Width.pdf

1,338 Miles
of
3' Shoulder

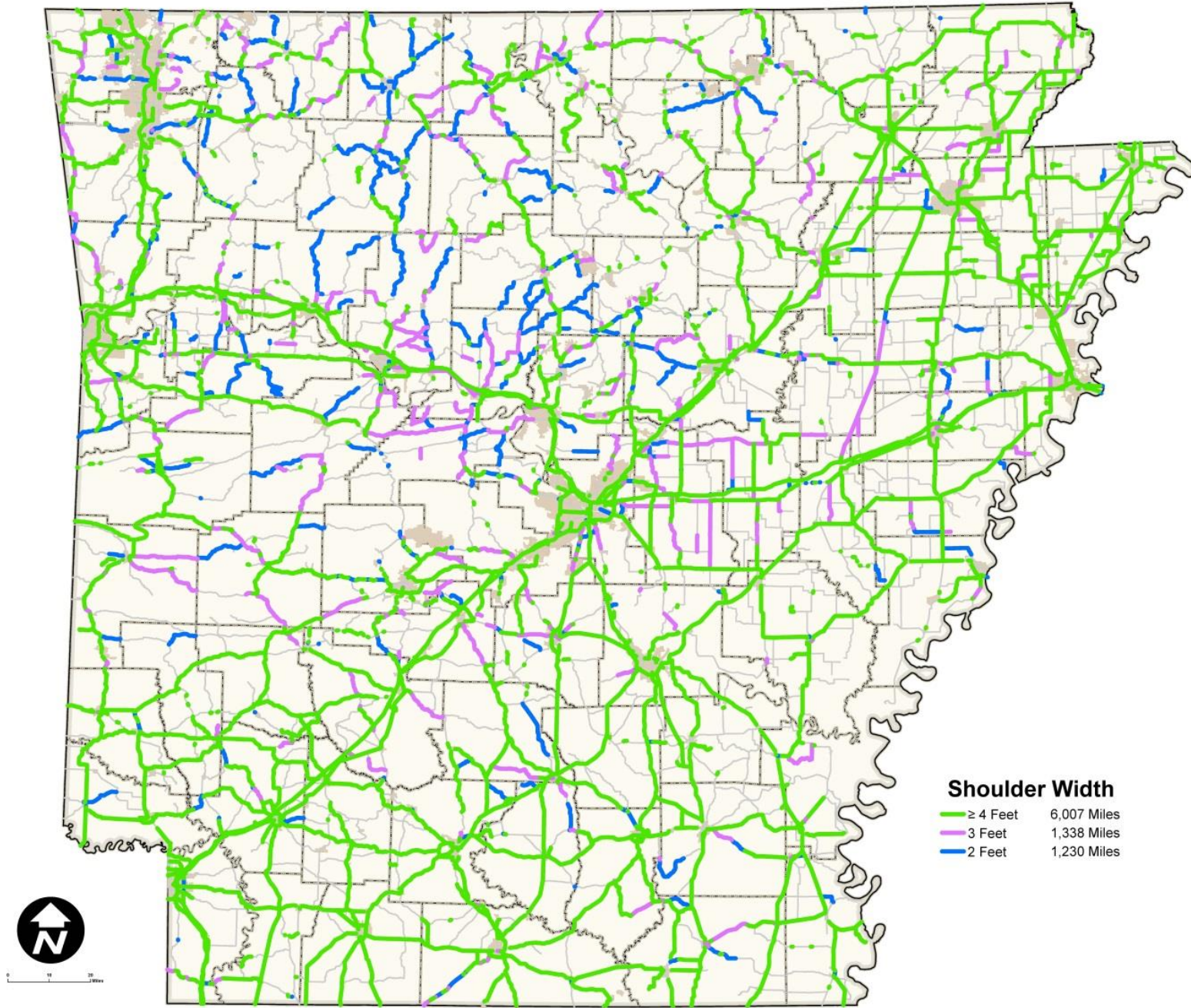
Shoulder Width



TP&P-GIS-DLD-6/1/2018
\\sart1\gis\mapping\Administration\Statewide ADT Averages\PDFs\Use\Statewide Shoulder Width.pdf

1,230 Miles
of
2' Shoulder

Shoulder Width

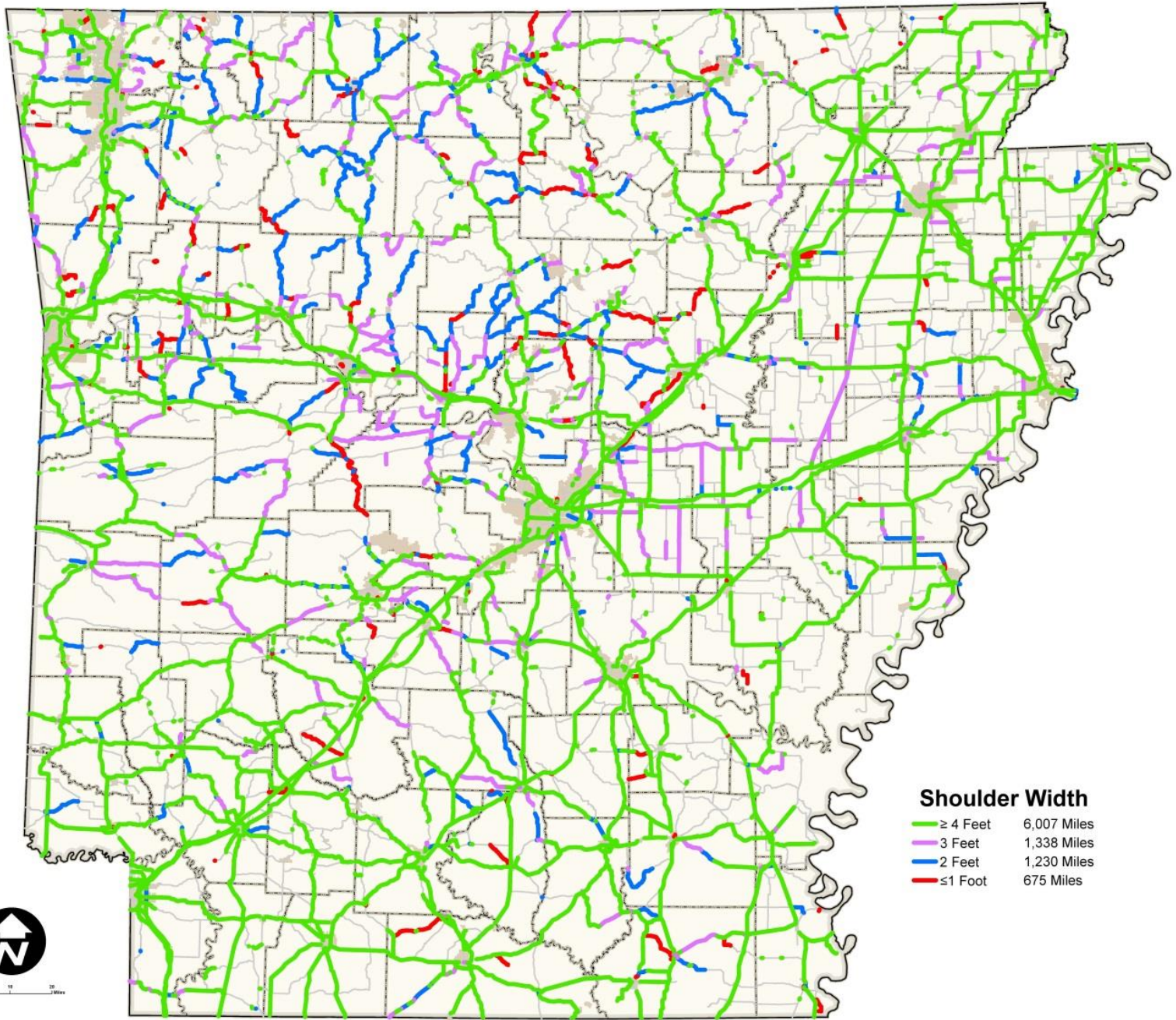


TP&P-GIS-DLD-6/1/2018
\\sart1\gis\Mapping\Administration\Statewide ADT Averages\PDFs\Use\Statewide Shoulder Width.pdf



675 Miles
1' or Less
Shoulders

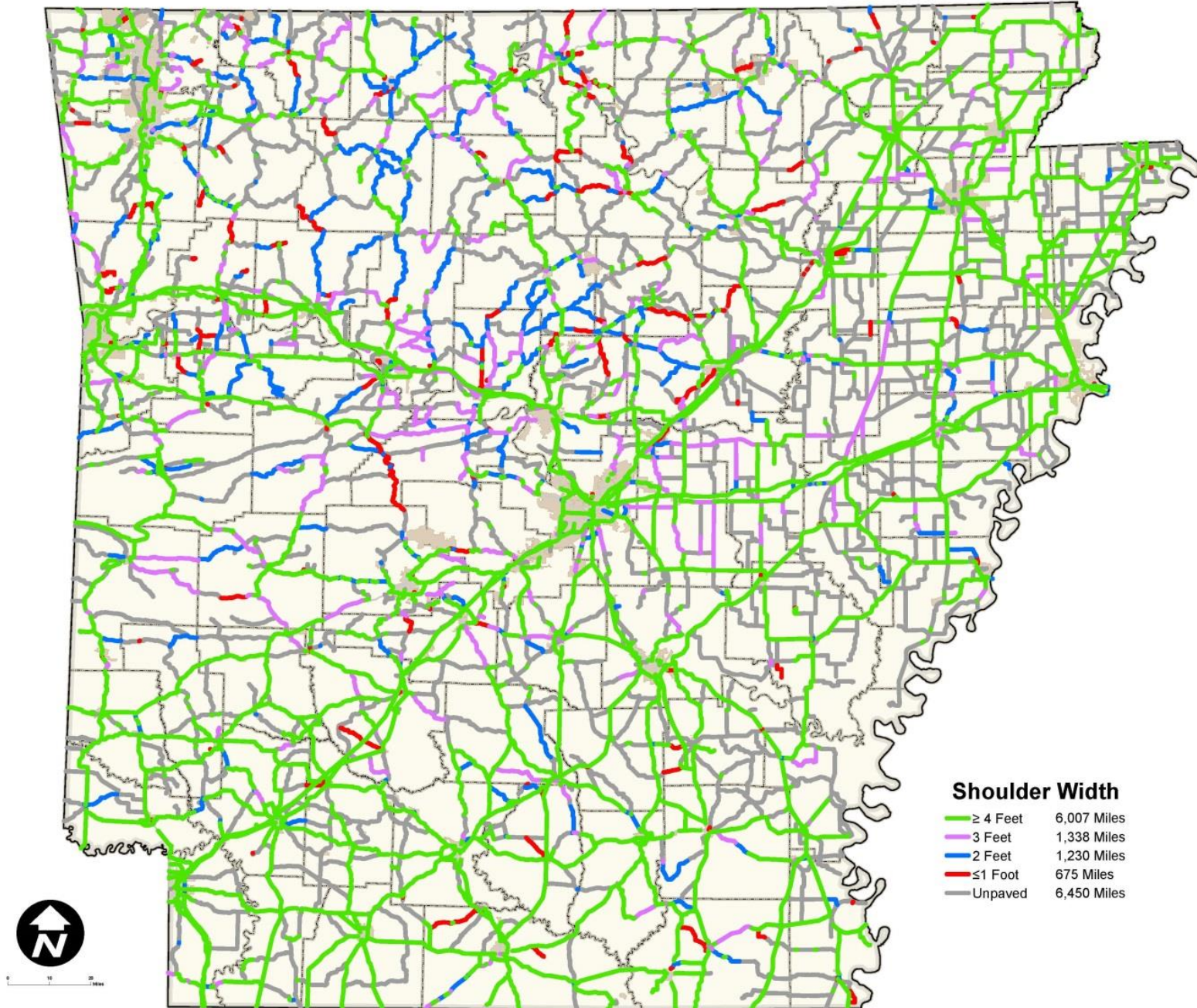
Shoulder Width



TP&P-GIS-DLD-6/1/2018
\\swn1\gwi\Mapping\Administration\Statewide ADT Averages\PDFs\Use\Statewide Shoulder Width.pdf

6,450 Miles
Unpaved
Shoulders

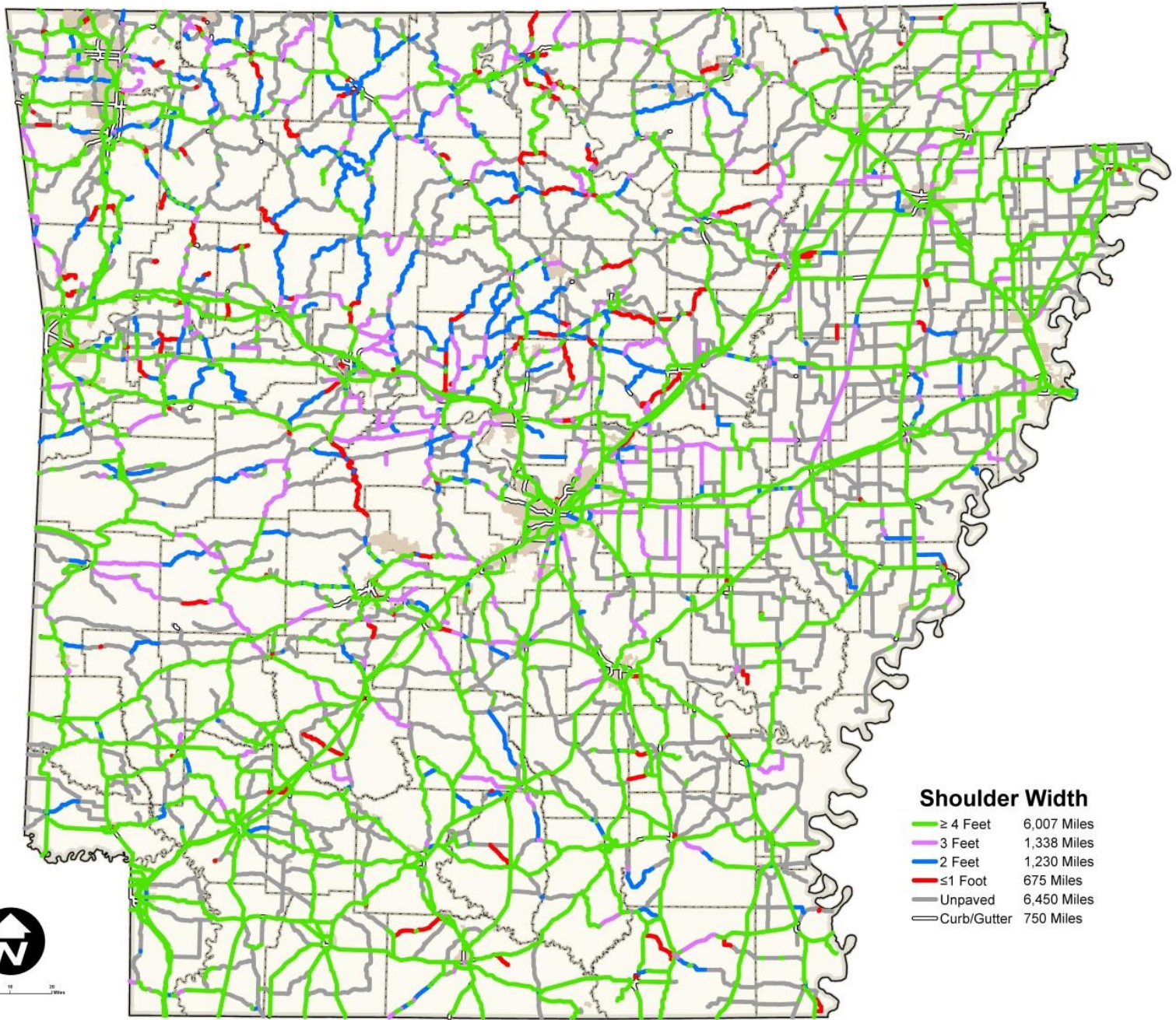
Shoulder Width



TPP GIS DLO 942018
YearlyGISMapping\Administrator\GIS\ statewide ADT Averages\SP's User\Statewide Shoulder Width.pdf

750 Miles
Curb &
Gutter

Shoulder Width



Shoulder Width	
≥ 4 Feet	6,007 Miles
3 Feet	1,338 Miles
2 Feet	1,230 Miles
≤ 1 Foot	675 Miles
Unpaved	6,450 Miles
Curb/Gutter	750 Miles

TP&P-GIS-DLD-611018
\\swn1\gis\Mapping\Administration\Statewide ADT Averages\PDFs\Use\Statewide Shoulder Width.pdf



Route Connectivity



286 Miles of Business Routes

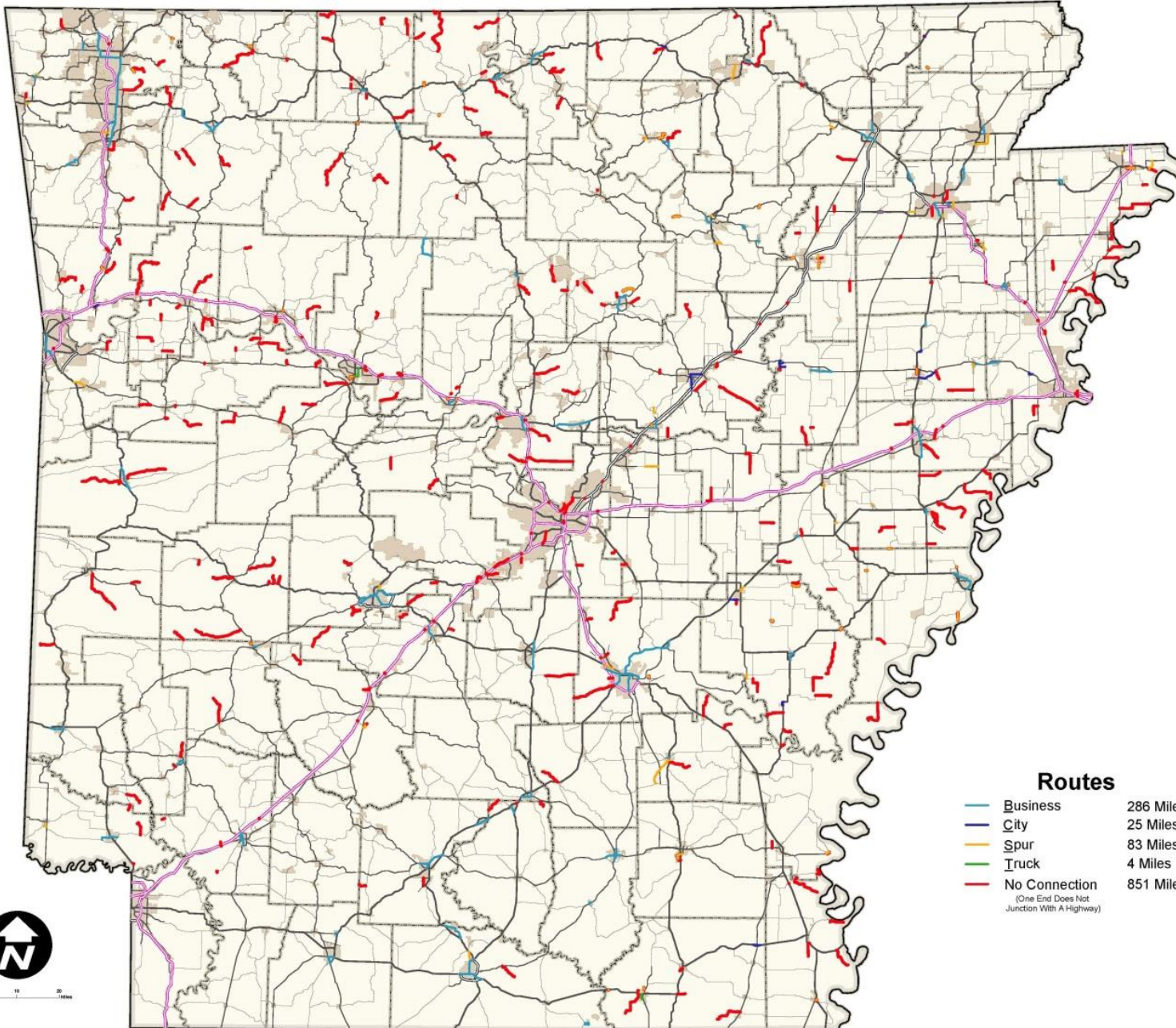
25 Miles of City Route

83 Miles of Spur Routes

4 Miles of Truck Routes

851 Miles of No Connection Routes

B, C, S, T Routes



\\sawtooth\mapping\Administrator\Statewide\DOT_Average\PDF's\Use\BCOT_Routes.pdf



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