

Arkansas State Highway and Transportation Department



American Society of Civil Engineers
Wyndham Hotel
Thursday, October 17, 2013



The Facts:

➤ **12th** Largest System in USA

➤ **43rd** Highway Revenue Per Mile





The Facts:

**\$23 billion dollars in needs
over 10 years**

**Only had \$4 billion to
address those needs**





The Facts:

CAP added \$1.8 billion





The Facts:

**Totaling nearly \$6 billion
toward
\$23 billion in needs**



Recent Voter Approved Programs

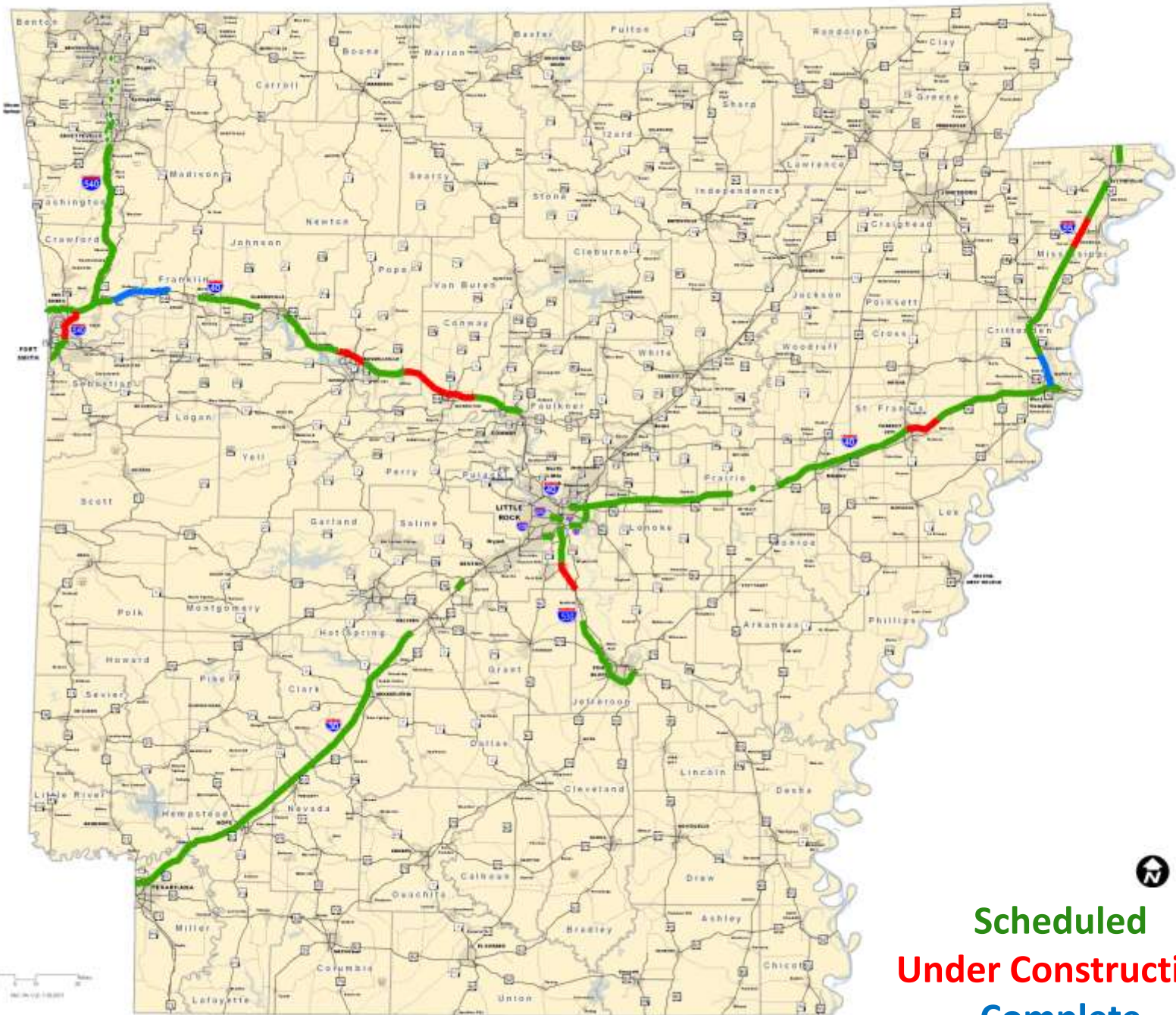
**November
2011**



**November
2012**



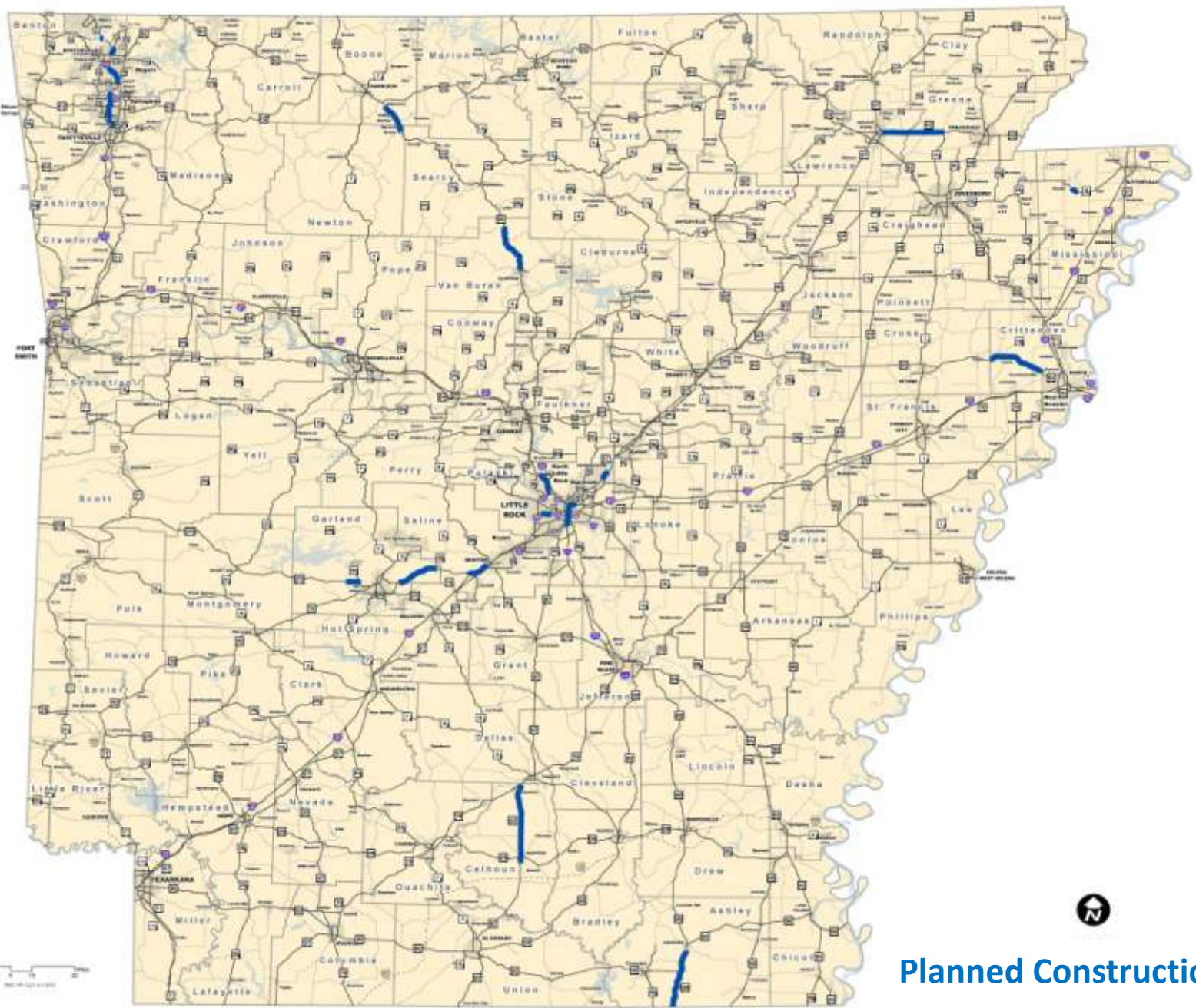
Interstate Rehabilitation Program Job Status



Scheduled
Under Construction
Complete



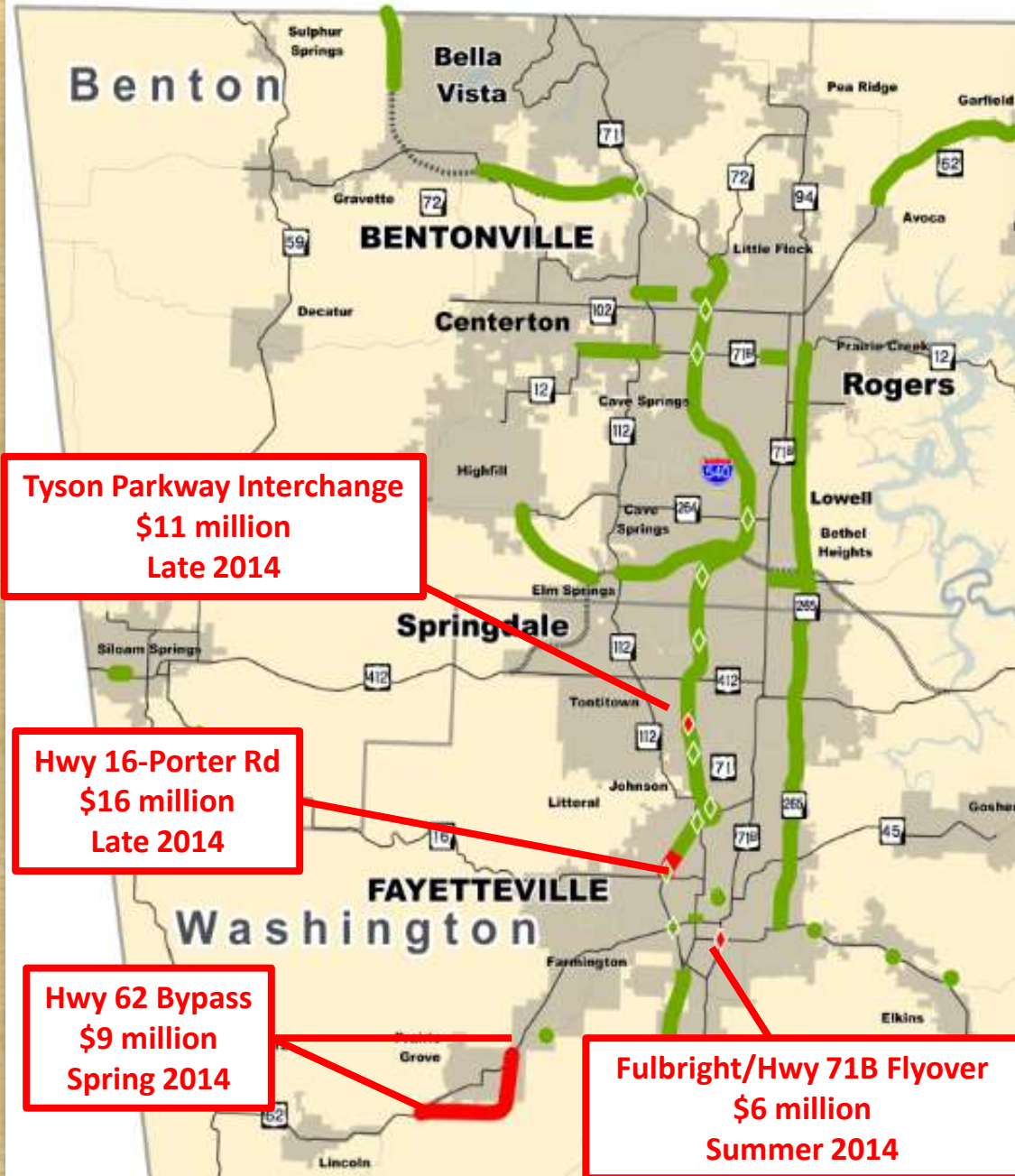
Connecting Arkansas Program



Planned Construction



Construction Northwest Arkansas



**Construction
Planned**



Construction *West Arkansas*

Hwy 22 – I-40
\$79 million
Mid 2014

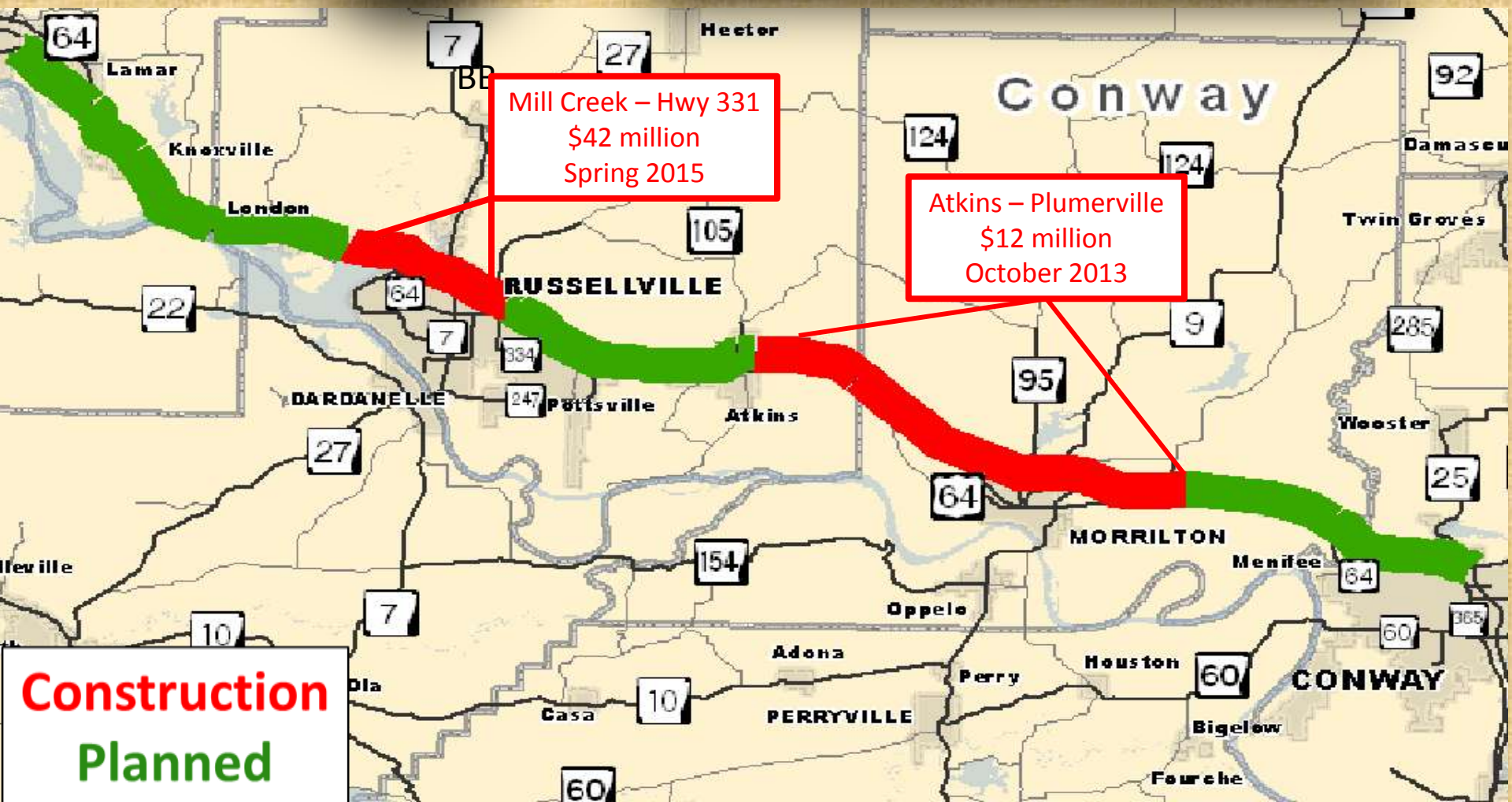


Construction
Planned
Complete



Construction

W. Central Arkansas





Construction

Northeast Arkansas

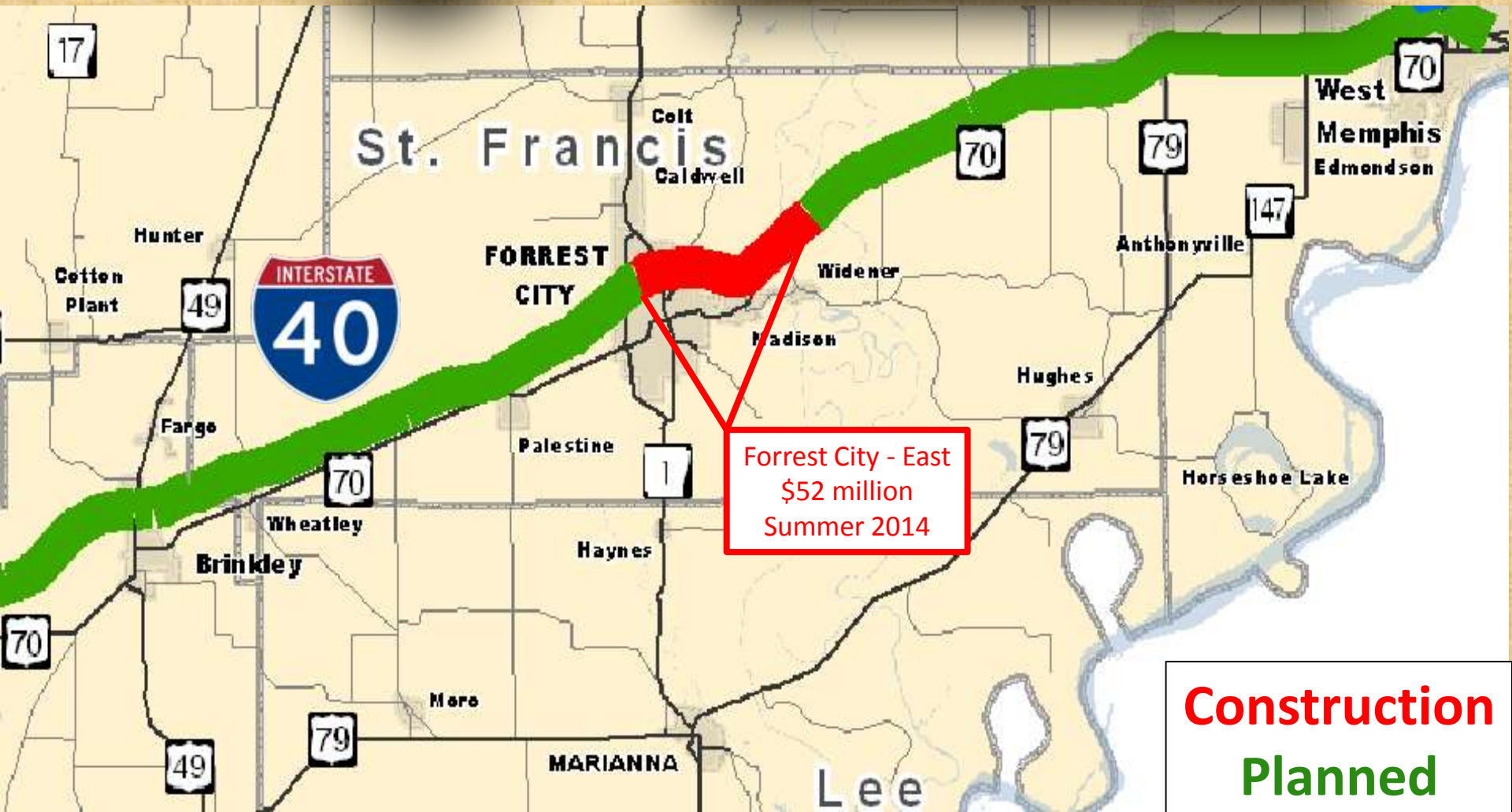


Hwy 181 - Hwy 158
\$29 million
Spring 2014

Construction
Planned
Complete



Construction *East Arkansas*



Forrest City - East
\$52 million
Summer 2014

**Construction
Planned**



Interchange



Construction Central Arkansas



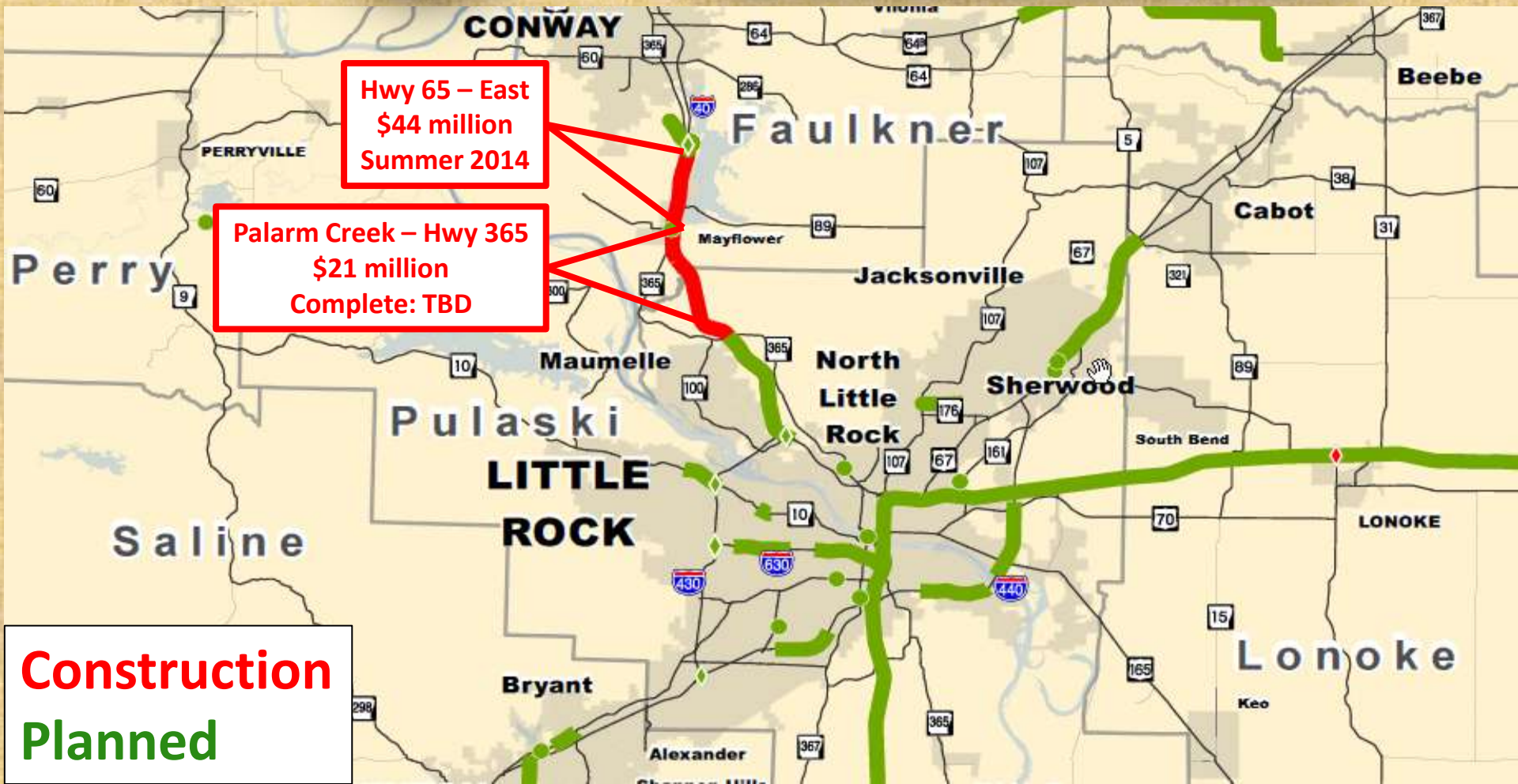
Big Rock Interchange
\$150 million
Early 2015

Bingham Rd. – Grant Co Line
\$14 million
Summer 2014

**Construction
Planned**



Construction *Central Arkansas*



Hwy 65 – East
\$44 million
Summer 2014

Palarm Creek – Hwy 365
\$21 million
Complete: TBD

**Construction
Planned**



- ✓ Connects Arkansas
- ✓ Increases Capacity
- ✓ 10-Year Revenue Cap



Turnback Funds
for cities and counties.





Turnback Funds

Counties & Cities

Location	Est. Standard	CAP Annual	CAP Cumulative
Counties	\$88.2 million	\$33.5 million	\$334.7 million
Cities	\$88.2 million	\$33.5 million	\$334.7 million





Turnback Funds

Counties & Cities

Location	10 year total
Counties	Over \$1.2 billion
Cities	Over \$1.2 billion




***“It was the best of times,
it was the worst of times, . . .”***


-A Tale of Two Cities

Charles Dickens



Needs vs. *Revenue*

 CONNECTING
ARKANSAS
PROGRAM
CAP = 200 miles

 INTERSTATE
REHABILITATION
PROGRAM
IRP = 450 miles

Needs vs. *Revenue*



+



Total = 650 miles

3.9%



***Report Card
on Roads,
Bridges, & Transit***

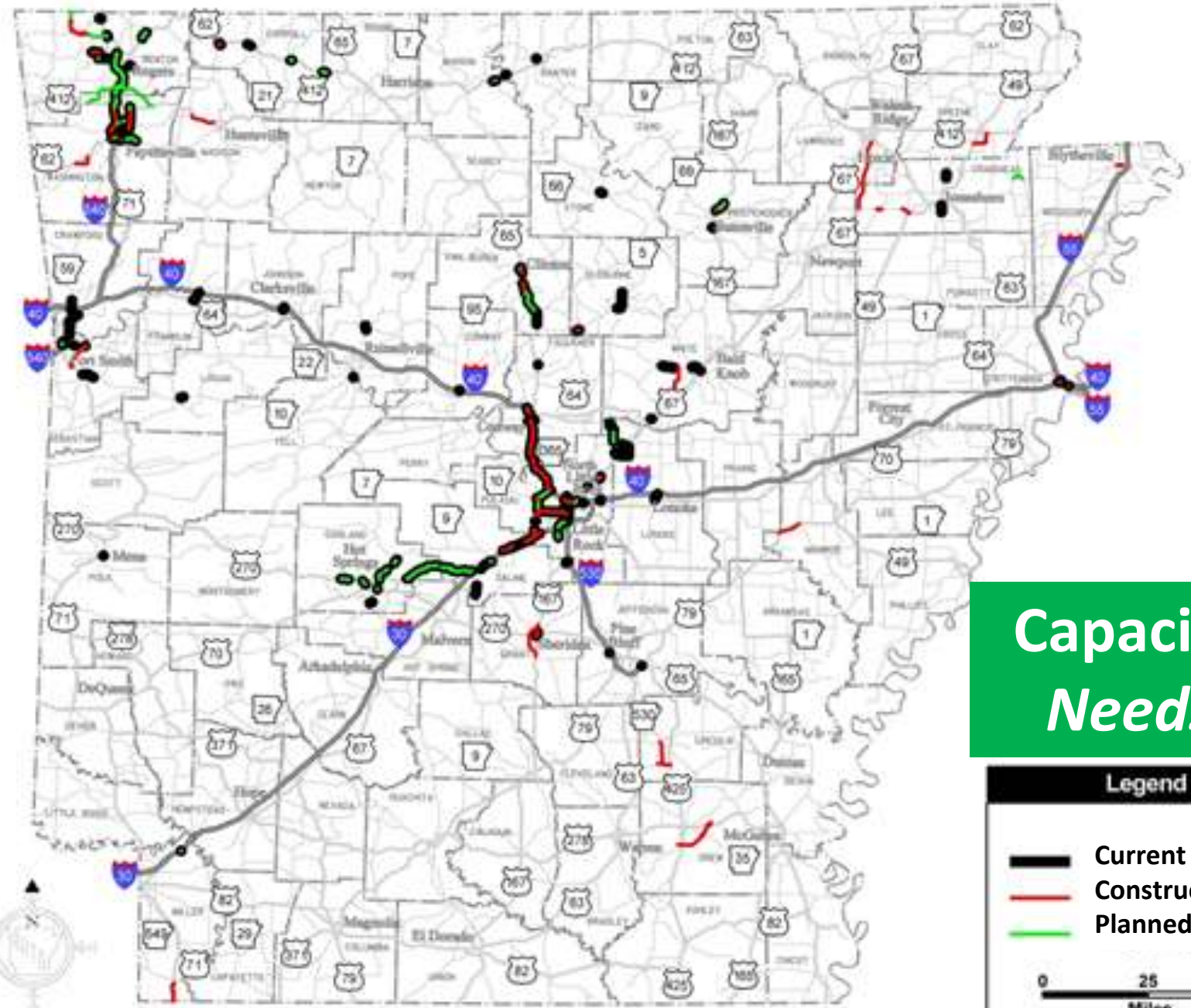


Report Card

Roads

Current Pavement Conditions

Highway System Type	Grade	Capacity Needs
Interstate System	B	13% (85 miles)
National Highway System	C+	4% (156 miles)
Arkansas Primary Highway Network	C-	3% (192 miles)
Non Arkansas Primary Highway Network	D-	0% (0 miles)
Arkansas State Highway System	D+	1.2% (192 miles)



Capacity Needs

Legend

- Current Needs
- Construction
- Planned

0 25 50
Miles



Report Card *Bridges*

Current Arkansas Conditions

Owner	Average Age	Deficient Bridges	Deficient Bridges by Deck Surface Area	Grade
State	44	1179	20%	B-
Counties	31	1260	24%	C
Cities	33	219	32%	D+
Total	38	2658	21%	C+



Report Card *Bridges*

Age of Arkansas Bridges

Owner	Number	Number 35 Years or Older	Percentage 35 Years or Older	Number 50 Years or Older	Percentage 50 Years or Older
State	7249	4978	69%	2997	41%
Counties	4306	1573	37%	830	19%
Cities	968	420	43%	209	22%
Total	12523	6971	56%	4036	32%



Report Card *Bridges*

Sufficiency Ratings

Owner	Number	Sufficiency Less Than 80%	Percentage Less Than 80%	Sufficiency Less Than 50%	Percentage Less Than 50%
State	7249	3713	51%	470	6%
Counties	4306	2960	69%	918	21%
Cities	968	707	73%	84	9%
Total	12523	7380	59%	1472	12%

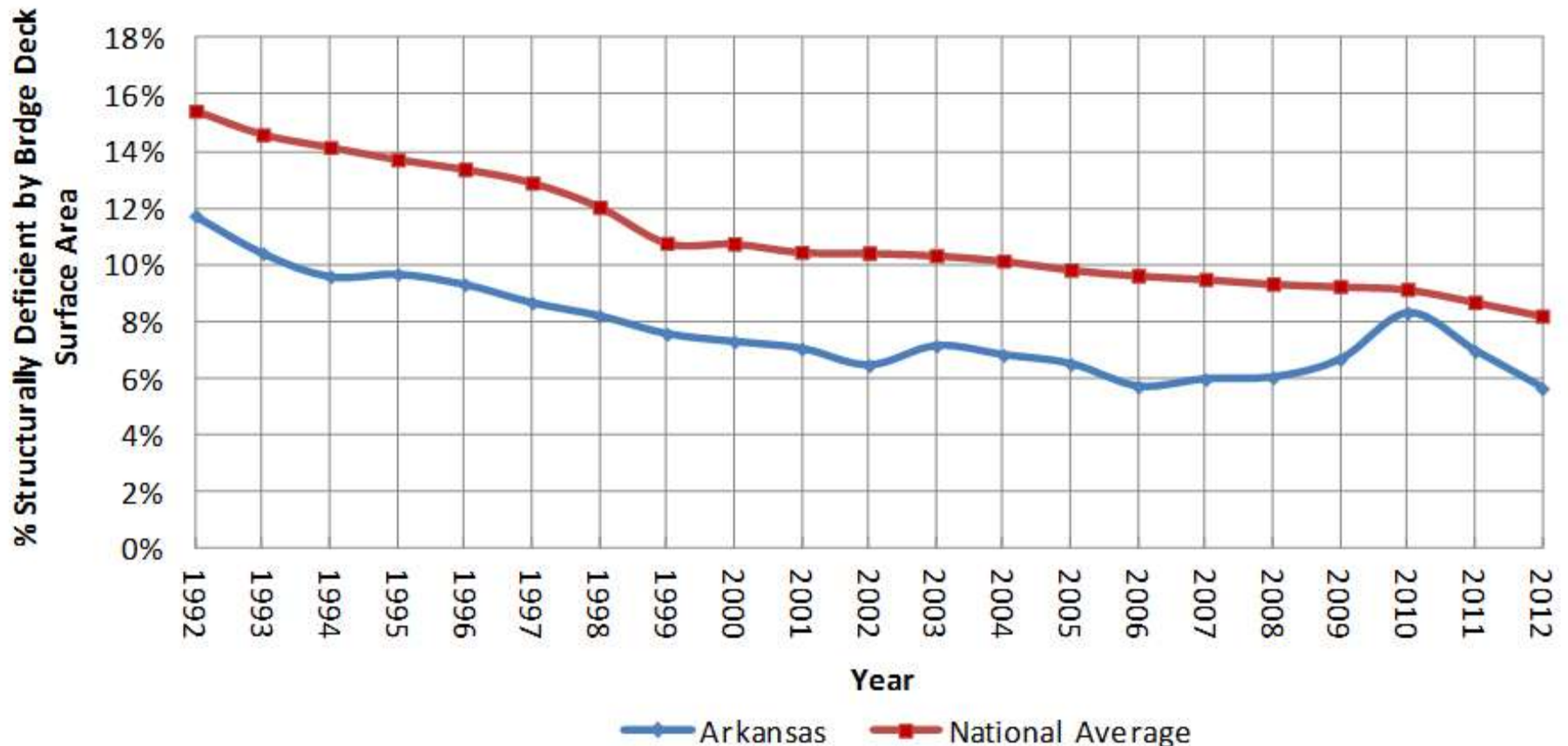


Report Card *Bridges*

Deficient Bridges

Owner	Number	Number Structurally Deficient	Percentage Structurally Deficient	Number Functionally Obsolete	Percentage Functionally Obsolete
State	7249	314	4%	865	12%
Counties	4306	500	12%	760	18%
Cities	968	46	5%	173	18%
Total	12523	860	7%	1798	14%

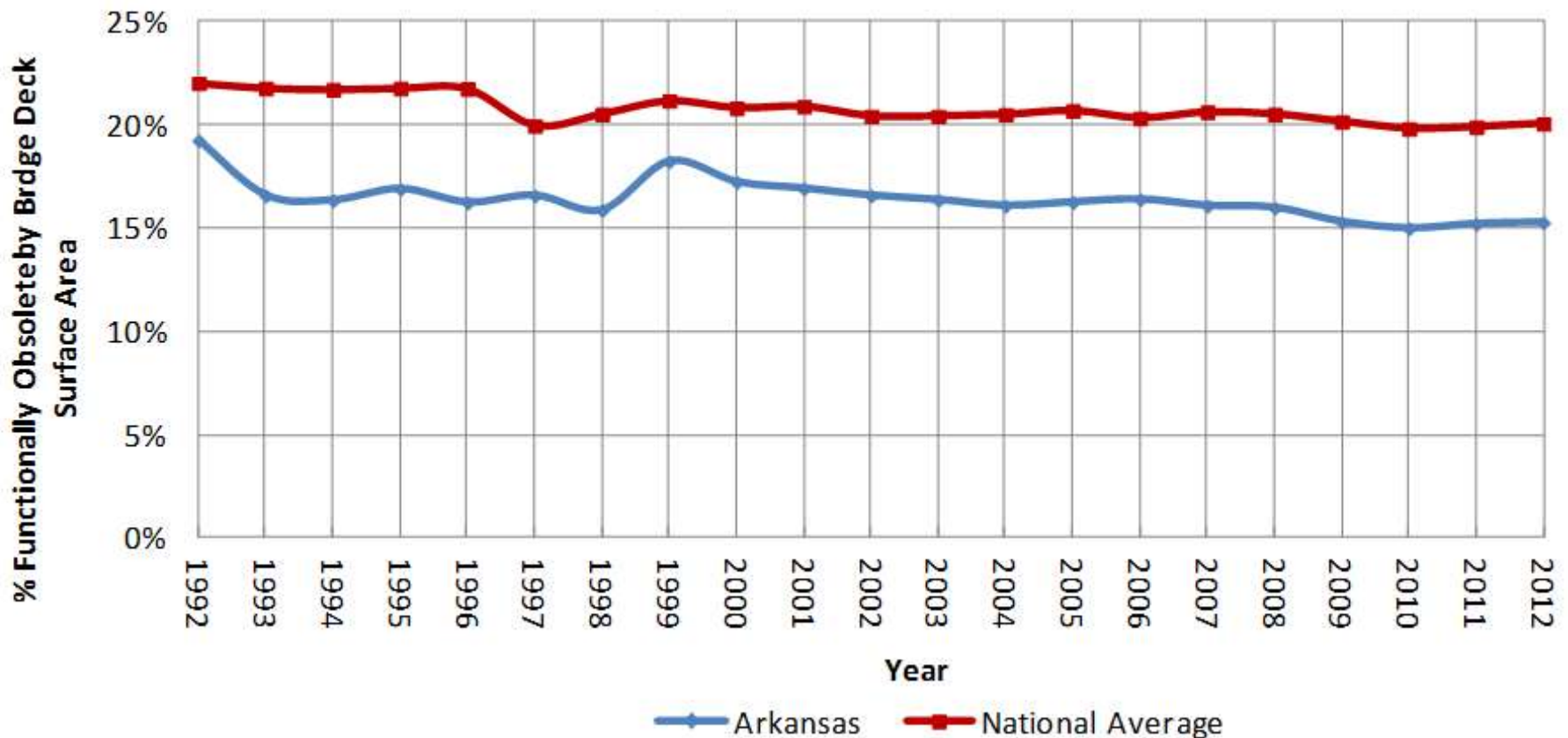
Percentage of Structurally Deficient Bridges





Report Card *Bridges*

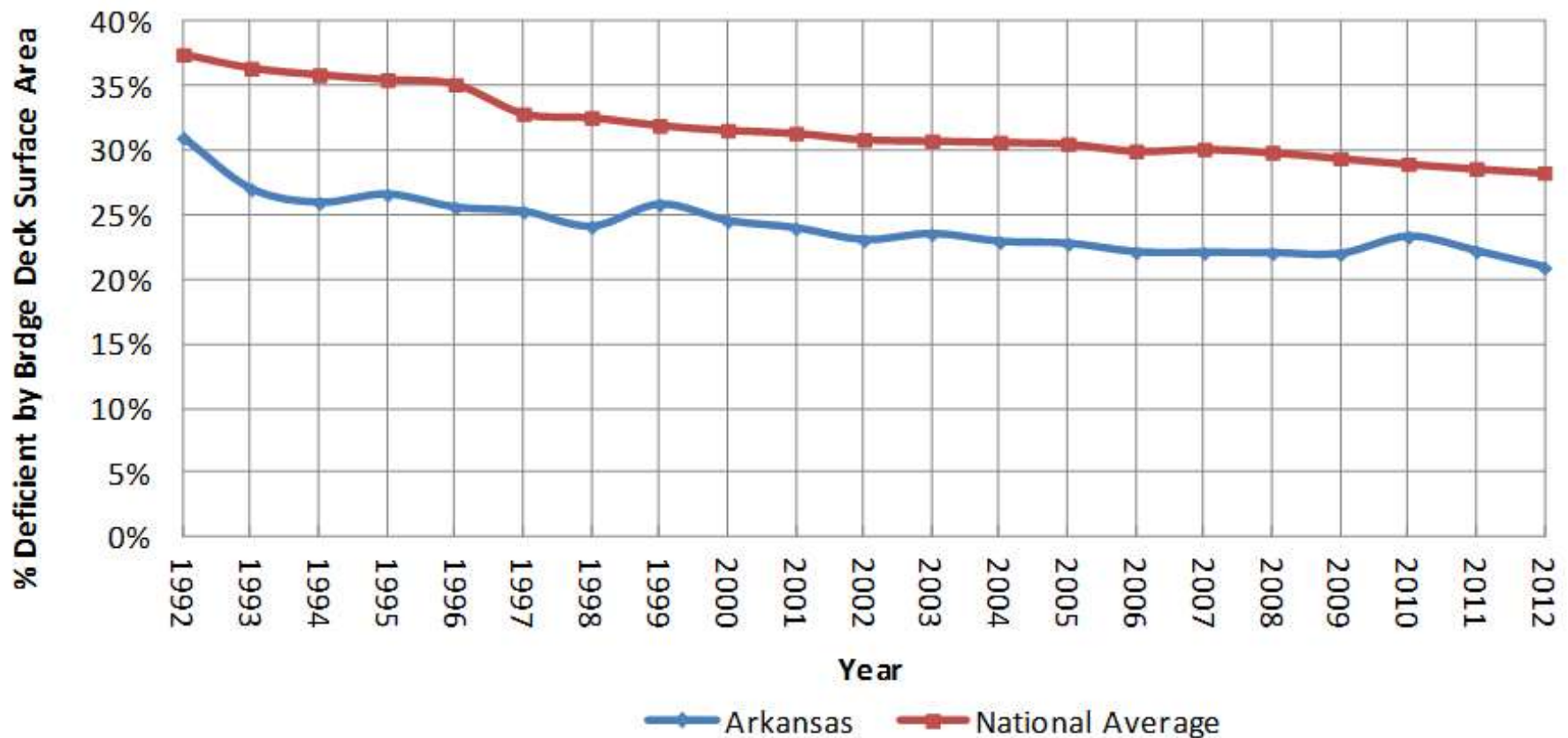
Percentage of Functionally Obsolete Bridges





Report Card *Bridges*

Percentage of Deficient Bridges



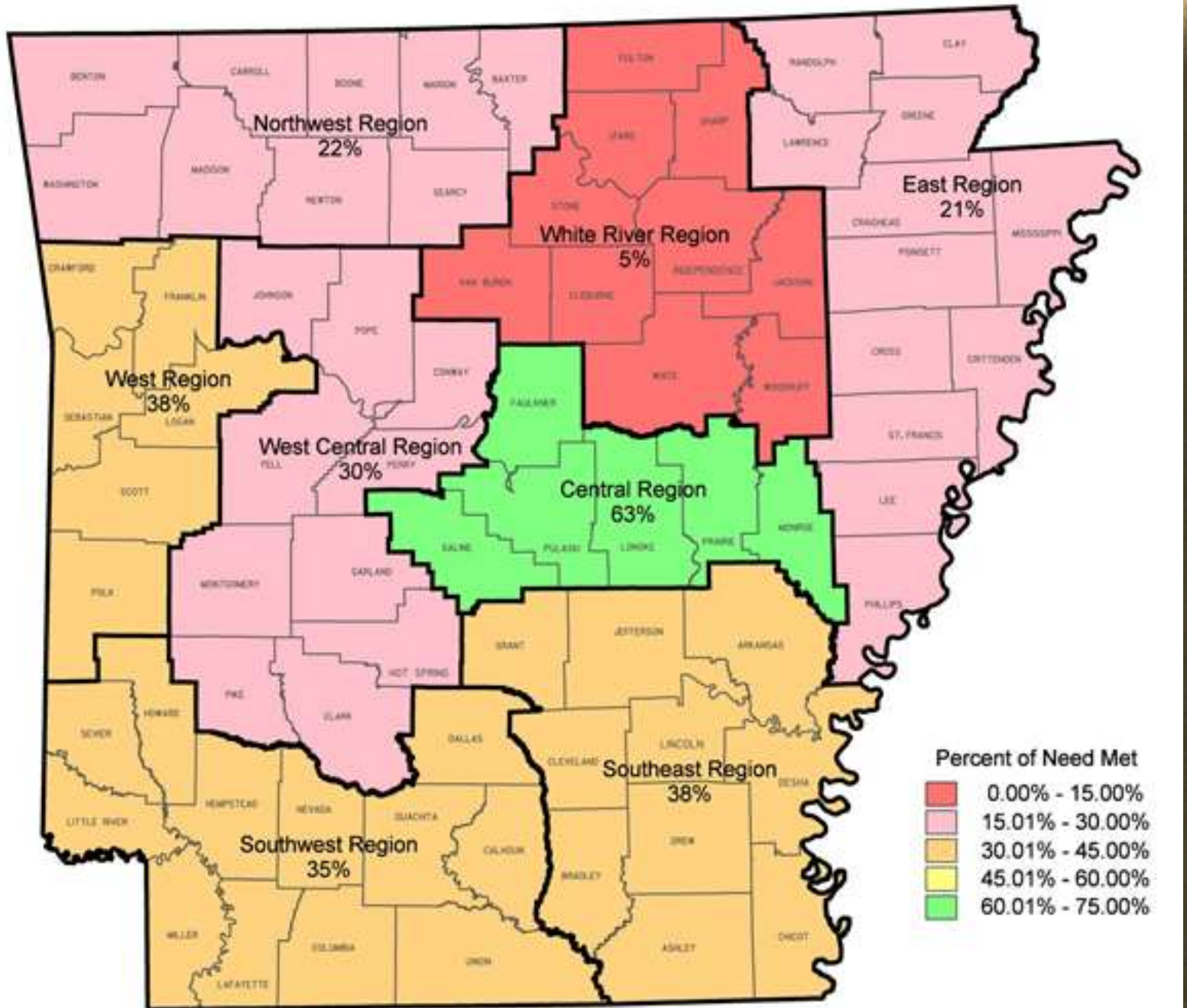


Report Card

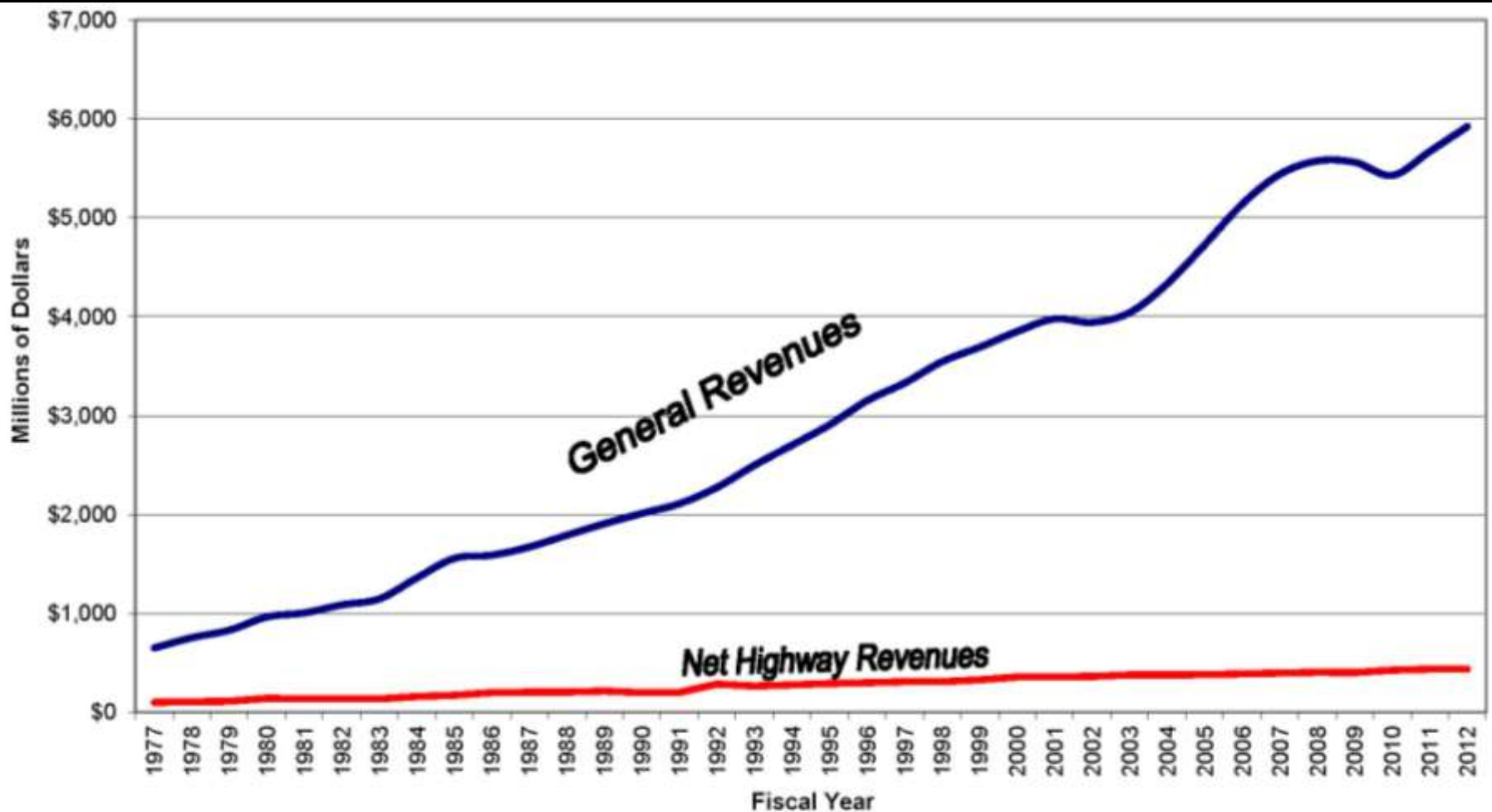
Transit

Region	2010 Population	Total Need	Current Riders	Unmet Need	Percentage of Need Met	Additional Vehicles Required	Annual Additional Cost (x\$1,000)
Central	688,323	3,386,668	2,138,905	1,247,763	63%	266	\$2,600,000
East	390,274	2,030,269	432,198	1,598,071	21%	435	\$4,039,985
Northwest	579,161	2,135,234	474,663	1,660,571	22%	376	\$3,587,547
Southeast	213,08	968,576	363,958	604,618	38%	176	\$1,608,997
Southwest	232,526	1,062,286	373,435	688,851	35%	184	\$1,663,142
West	260,065	1,105,336	418,249	687,087	38%	198	\$1,803,426
West Central	313,917	1,356,834	406,452	950,382	30%	255	\$2,309,284
White River	237,844	1,056,873	50,259	1,006,614	5%	313	\$2,817,000
Total	2,915,918	13,102,076	4,658,119	8,443,957	36%	2,203	\$20,429,381

Transit Service



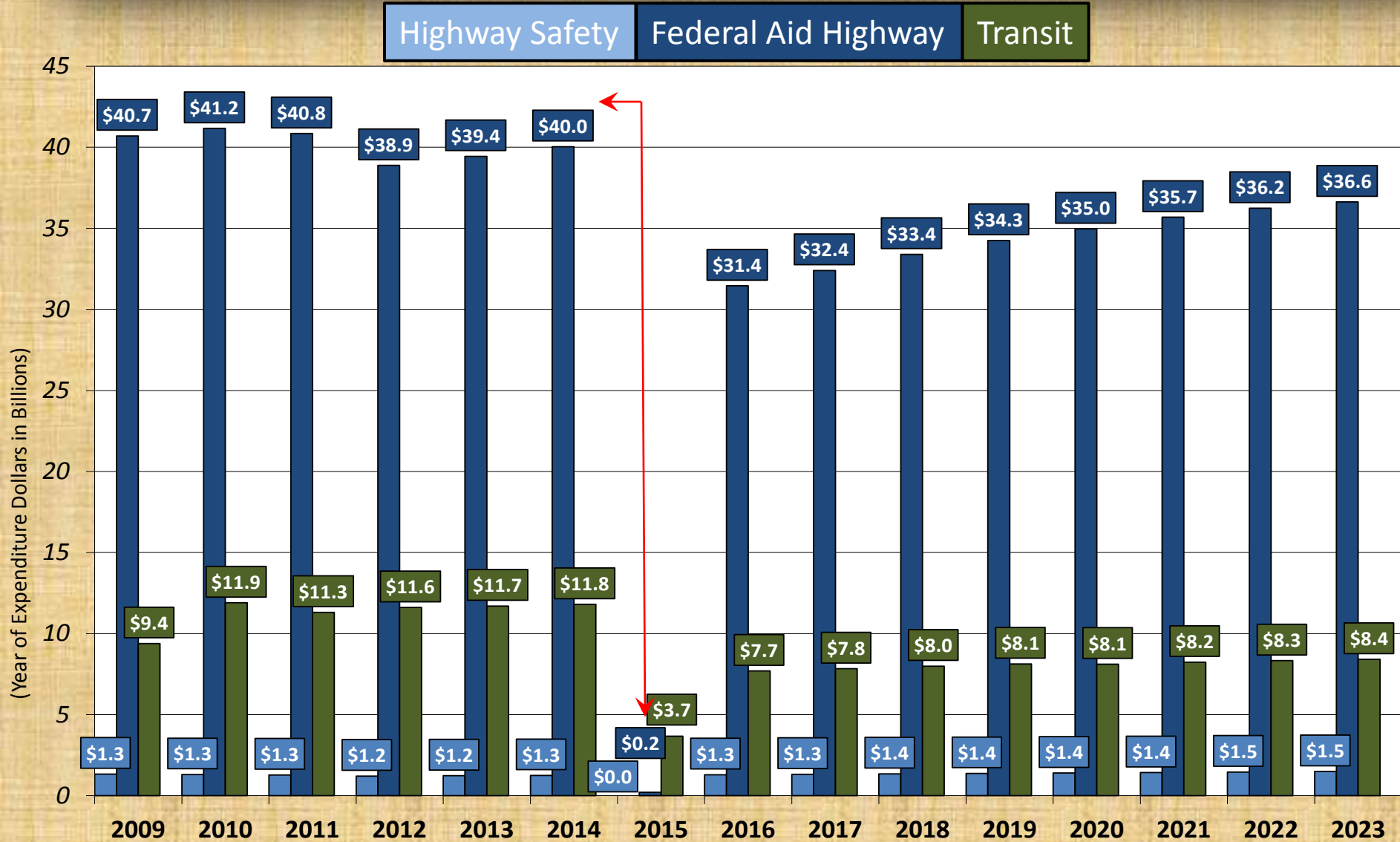
State General Revenues vs. AHTD Net Highway Revenues



— ARKANSAS STATE GENERAL REVENUES — AHTD NET HIGHWAY REVENUES

HIGHWAY TRUST FUND

ESTIMATED FEDERAL HIGHWAY AND TRANSIT PROGRAM FUNDING LEVELS
WITH NO NET NEW REVENUES





We're being asked to
do more with less...



We can only do less
with *less*.

Needs vs. *Revenue*

An additional \$200 million annually is needed over the next 10 years

for highway congestion, pavement and bridge conditions, maintenance, administration and operations to remain at current levels.

National Survey: American Manufacturers

70 %

American infrastructure is in fair or poor shape
and needs a great deal or quite a bit of
improvement



National Survey: American Manufacturers

70 %

American roadways are getting worse



National Survey: American Manufacturers

65 %

Do not believe that infrastructure is positioned to respond to the competitive demands of a growing economy over the next 10 to 15 years



National Survey: Americans Value Good Roads

78 %

Driving a motor vehicle is “Very” or “Extremely”
important to conducting daily lives



National Survey: Americans Value Good Roads

88 %

Transportation infrastructure is important to
maintaining a strong economy



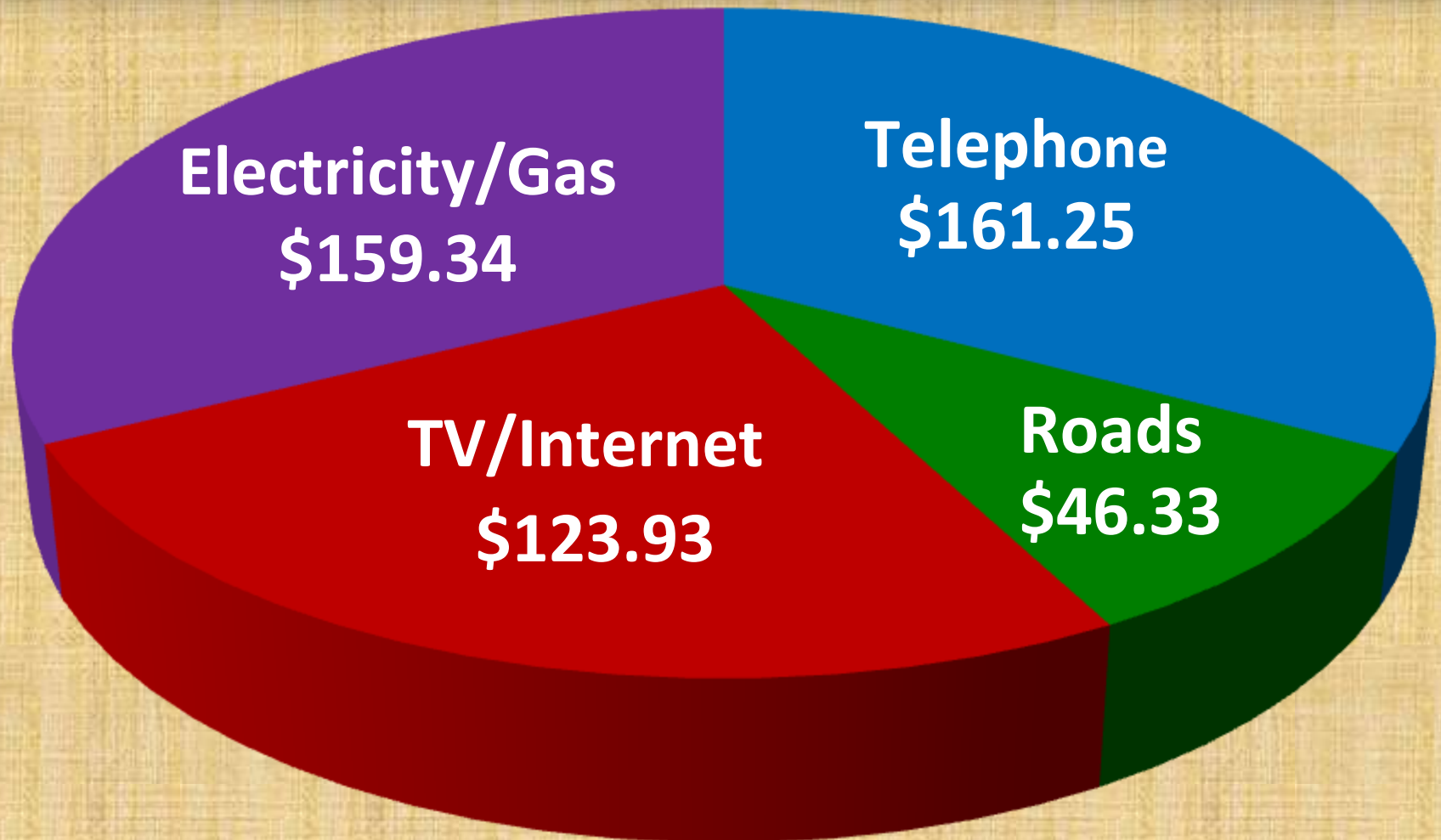
National Survey: Americans Value Good Roads

83 %

Transportation network is important to ensuring
national defense and emergency response



Average Monthly Household Expenditures





Construction Zone Locations

Live Traffic Conditions

Weather Radar

Live Traffic Cameras (Coming Soon)



ArkansasHighways.com

Litter Hotline 866-811-1222



[@AHTD](https://twitter.com/AHTD)

