

Arkansas State Highway and Transportation Department



Rotary Club of North Little Rock
Holiday Inn
North Little Rock
Thursday, April 3, 2014



The Facts:

➤ **12th** Largest System in USA

➤ **43rd** Highway Revenue Per Mile



How We Compare

State	Mileage
Arkansas	16,400
Illinois	16,040
California	15,205
New York	14,969
Tennessee	13,881
Florida	12,084



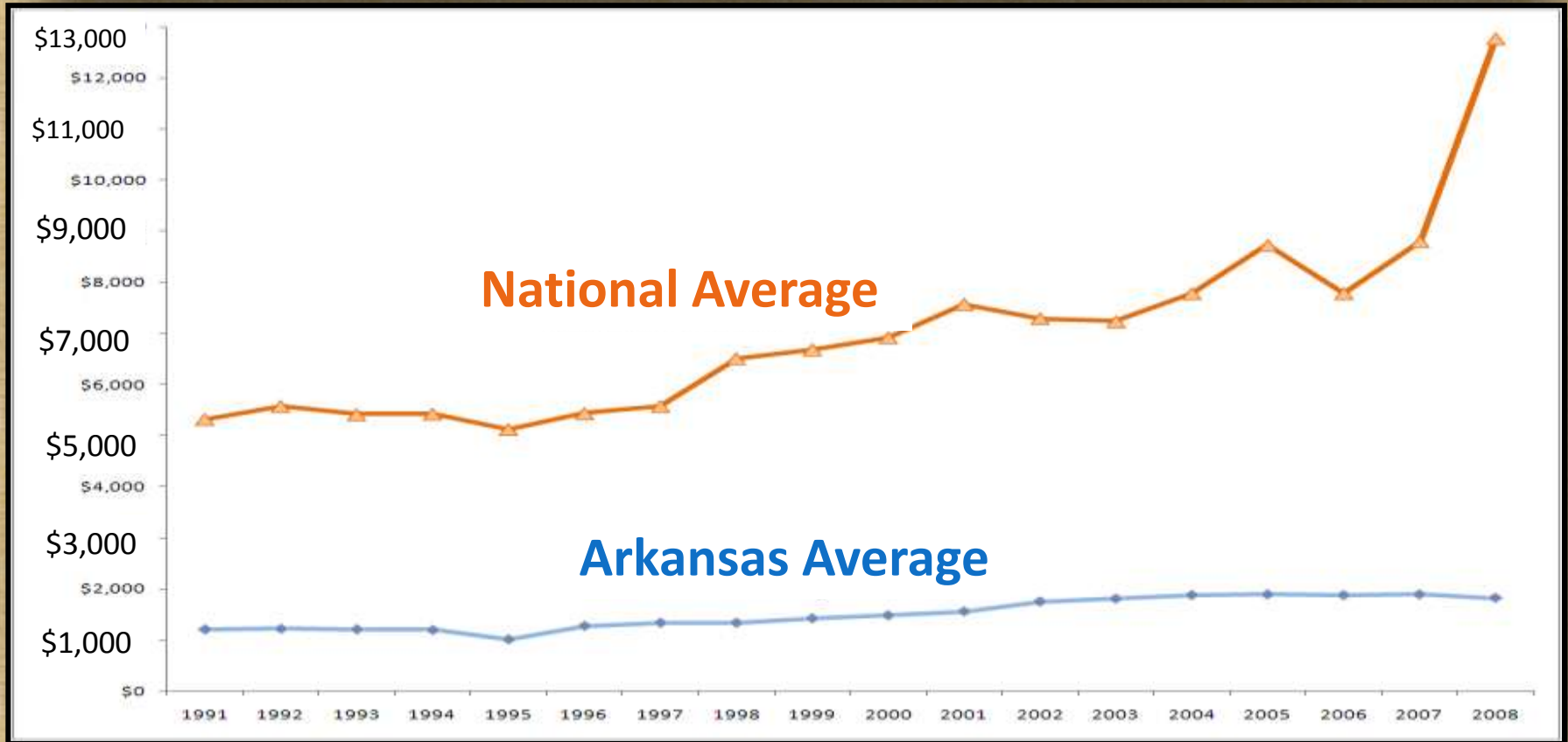
How We Compare

State	Mileage	Revenue Per Mile
Arkansas	16,400	\$58,536
Illinois	16,040	\$252,000
California	15,205	\$682,000
New York	14,969	\$237,000
Tennessee	13,881	\$108,000
Florida	12,084	\$694,532

How We Compare

State	Mileage	Admin. Cost Per Mile
Arkansas	16,400	\$1,821
Illinois	16,040	\$8,830
California	15,205	\$109,417
New York	14,969	\$84,062
Tennessee	13,881	\$11,905
Florida	12,084	\$16,985

AHTD Administrative Costs



National Average \$12,772/mile

Arkansas \$1,821/mile

**Surrounding States' Average
\$5,342/mile**

Arkansas' Rank = 49th

AHTD Employment Levels

Year	Employees
2013	3,607
2003	3,772
1993	4,052
1983	3,725
1973	3,801
1963	3,465



Recent Voter Approved Programs

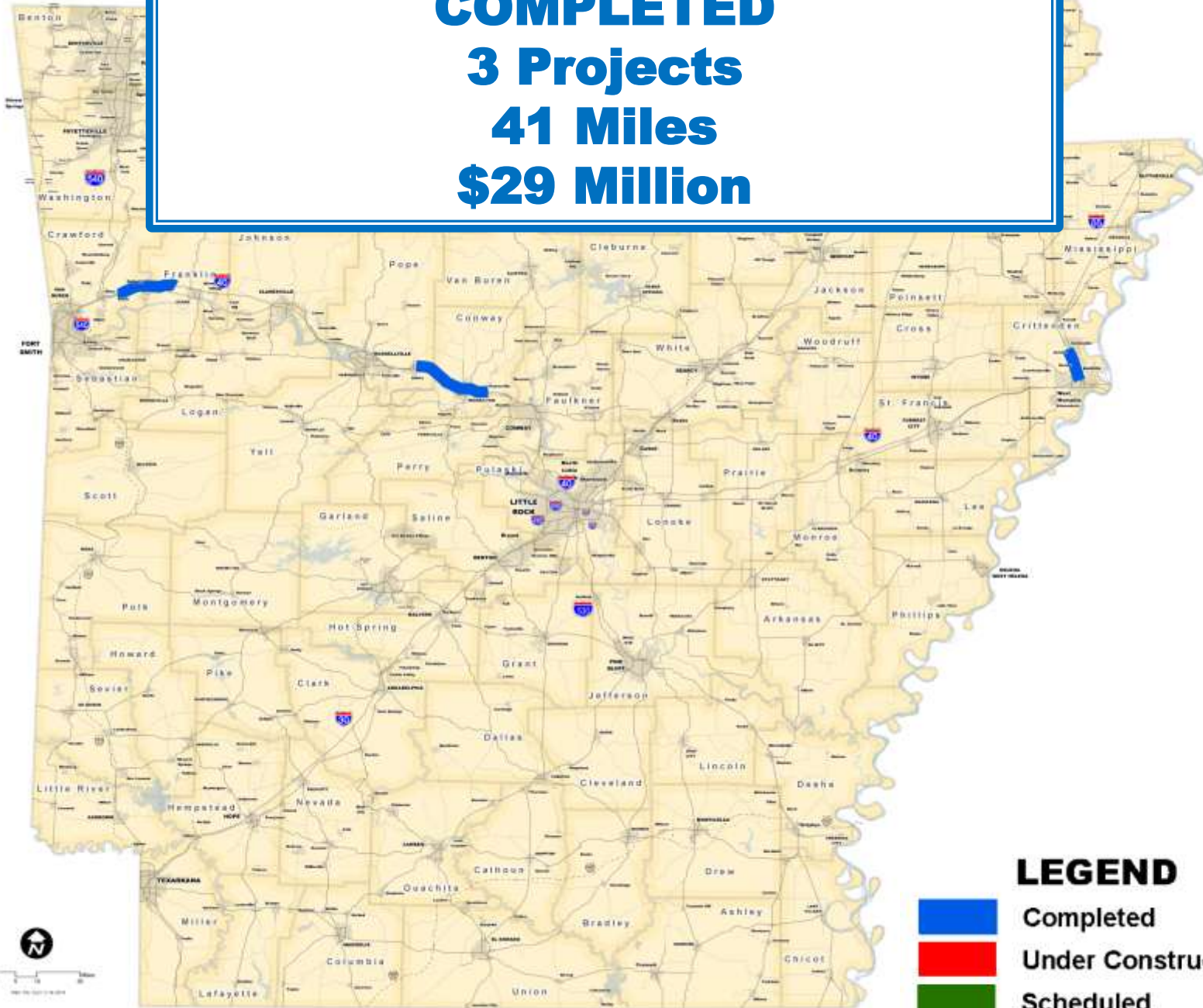
**November
2011**






**November
2012**



COMPLETED
3 Projects
41 Miles
\$29 Million



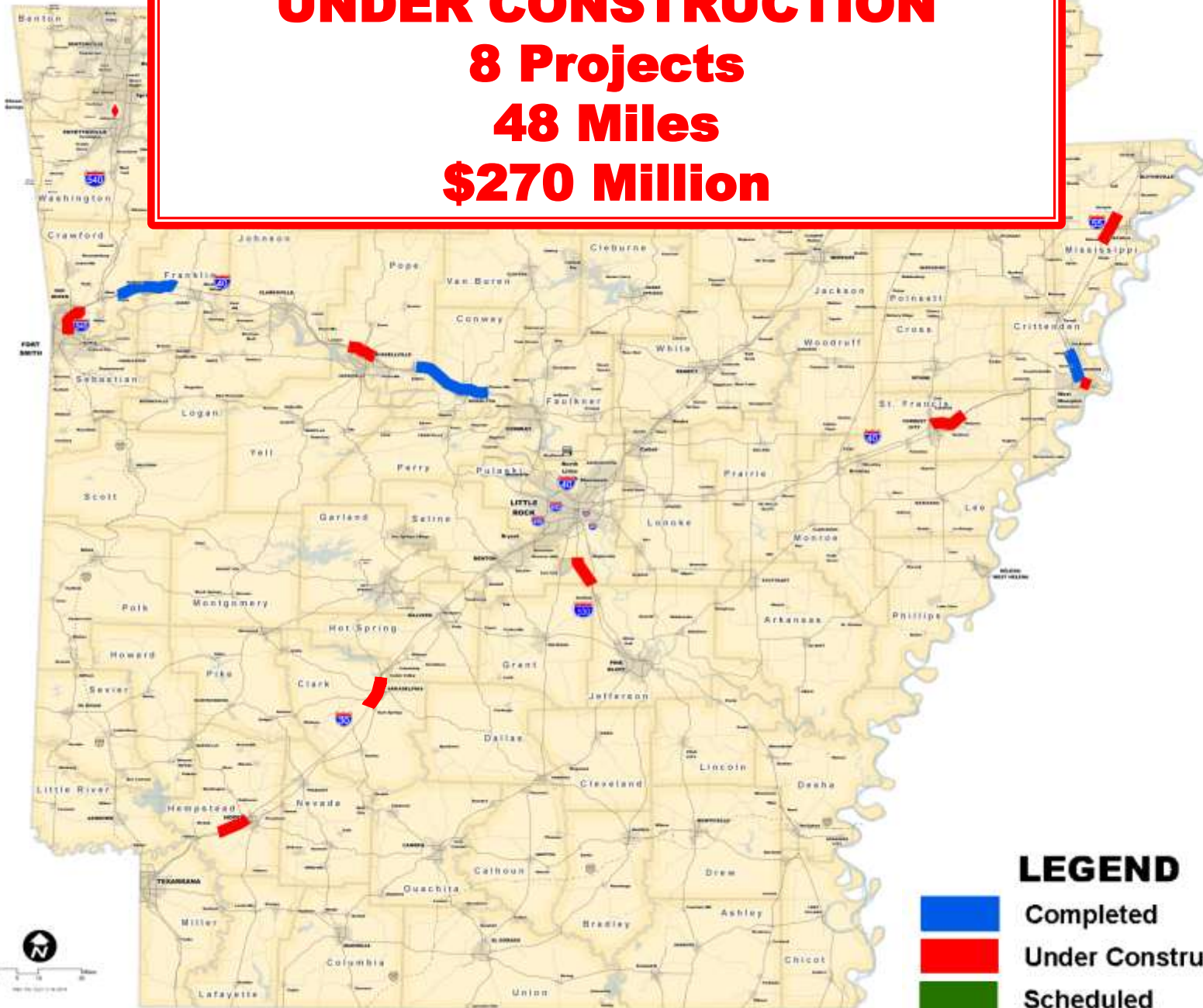
LEGEND

-  Completed
-  Under Construction
-  Scheduled

Interstate Rehabilitation Program
Job Status



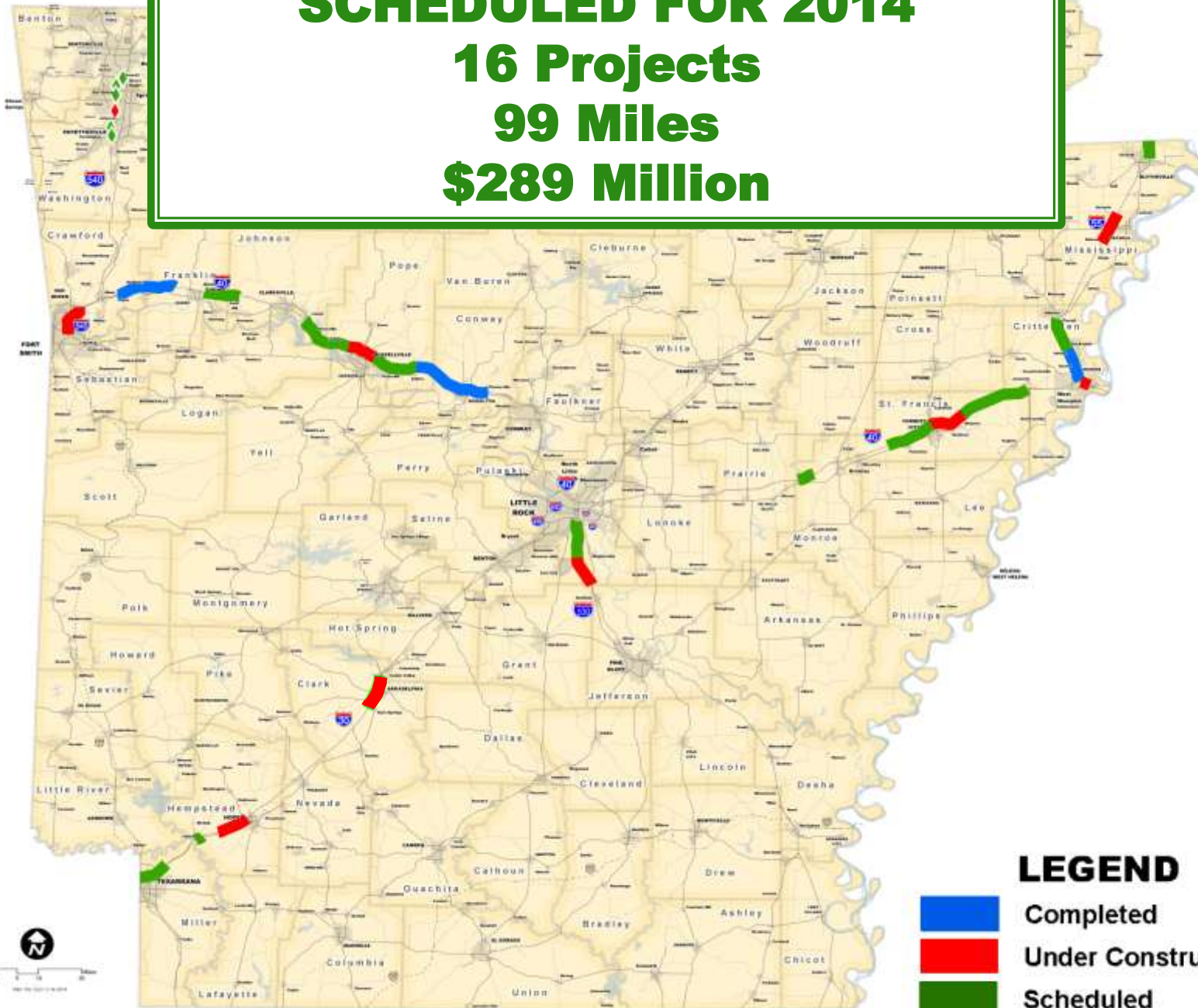
UNDER CONSTRUCTION
8 Projects
48 Miles
\$270 Million






Interstate Rehabilitation Program
Job Status



SCHEDULED FOR 2014
16 Projects
99 Miles
\$289 Million



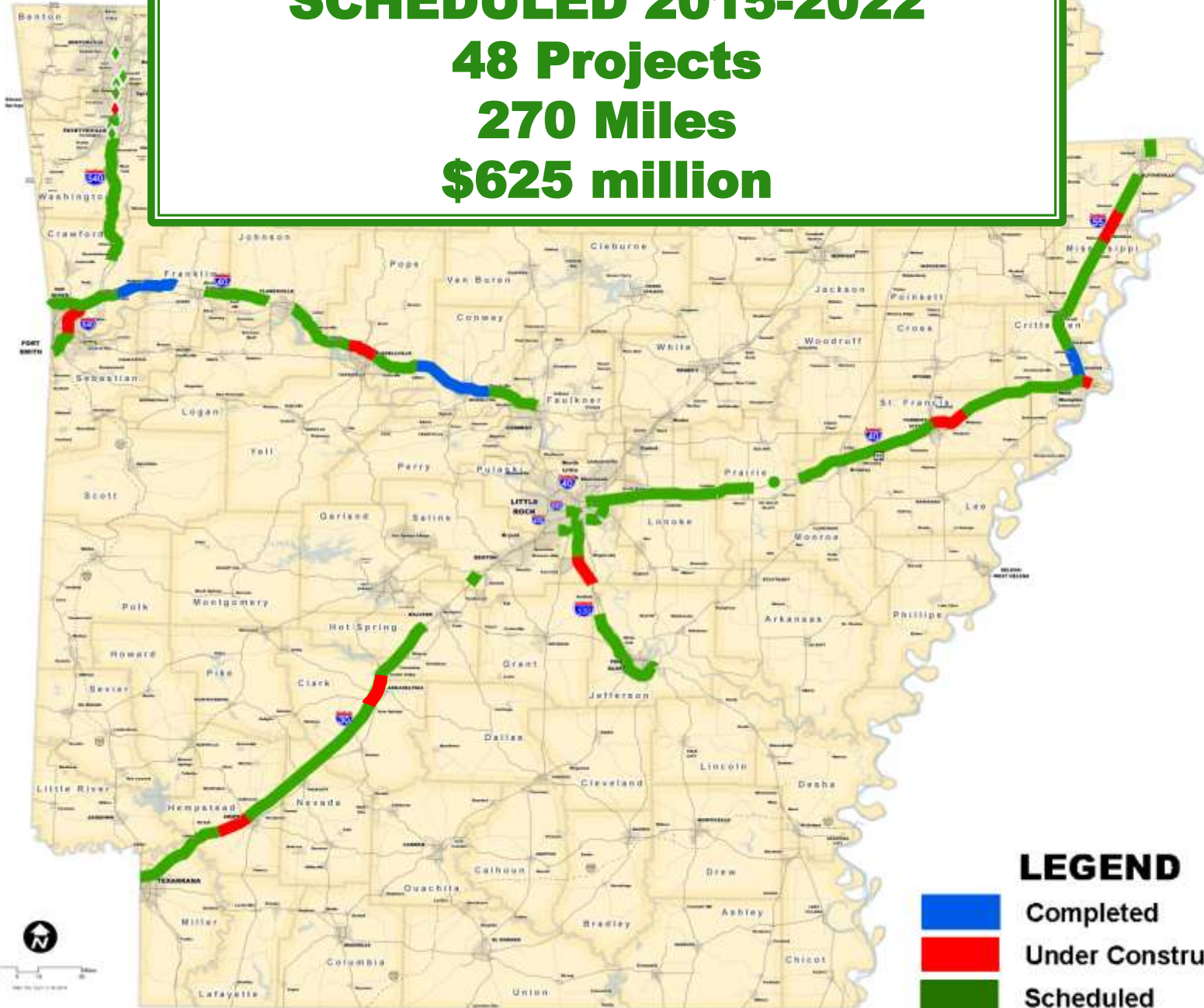
LEGEND

-  Completed
-  Under Construction
-  Scheduled

Interstate Rehabilitation Program
Job Status



SCHEDULED 2015-2022
48 Projects
270 Miles
\$625 million



Interstate Rehabilitation Program
Job Status

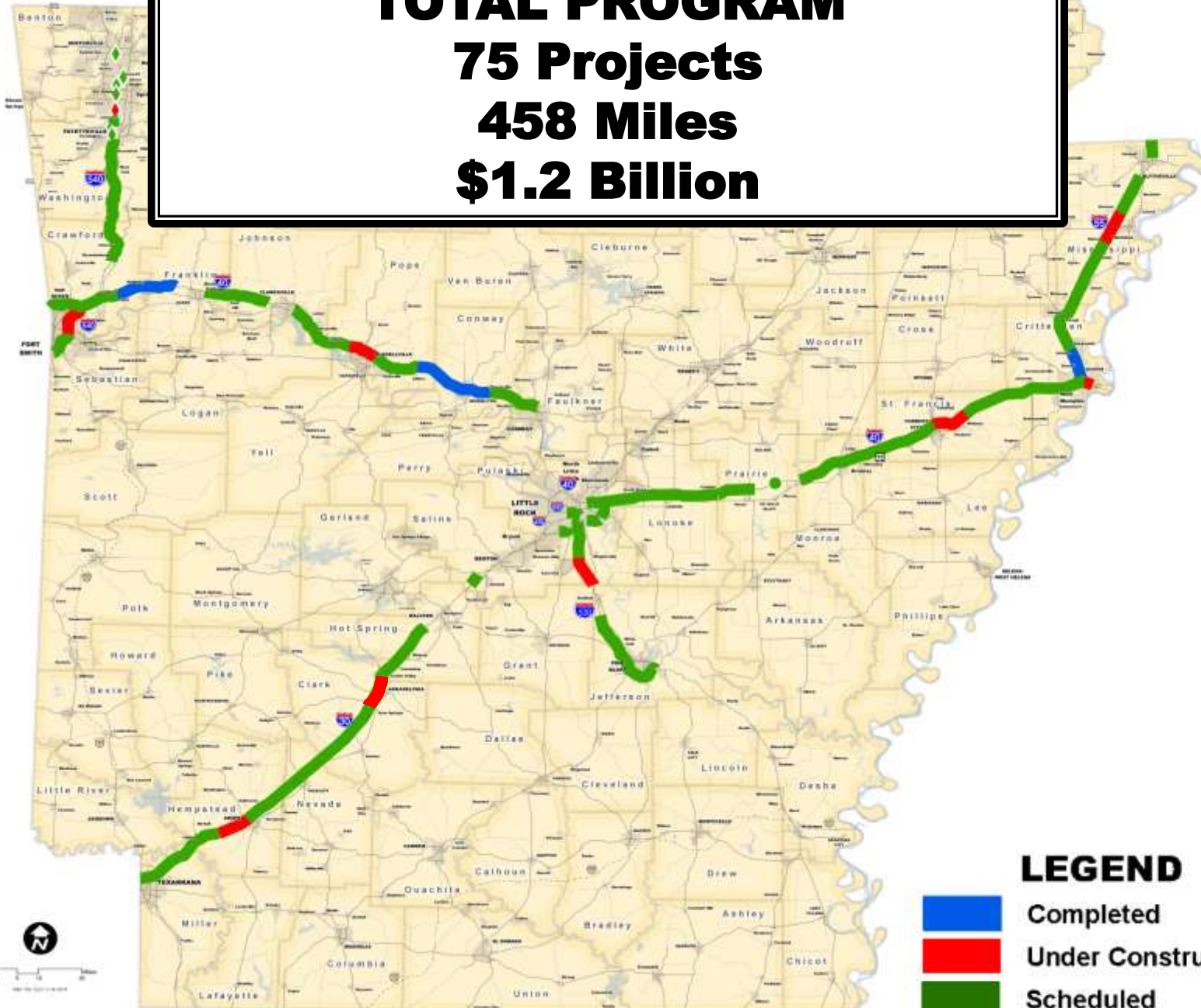


TOTAL PROGRAM

75 Projects

458 Miles

\$1.2 Billion



Interstate Rehabilitation Program
Job Status







Interstate 630
I-30 – Cross St.
Scheduled: 2021
\$4 million

Interstate 630
Cross St. - Dennison
Scheduled: 2020
\$2 million

Interstate 630
Dennison - Cedar
Scheduled: 2019
\$24 million

Interstate 30
Geyer Springs - 65th St.
Scheduled: 2017
\$18 million

Interstate 30
Hwy 70 - West
Scheduled: Early 2015
\$9 million

Interstate 40
Hwy 67 – Hwy 161
Scheduled: 2021
\$3 million

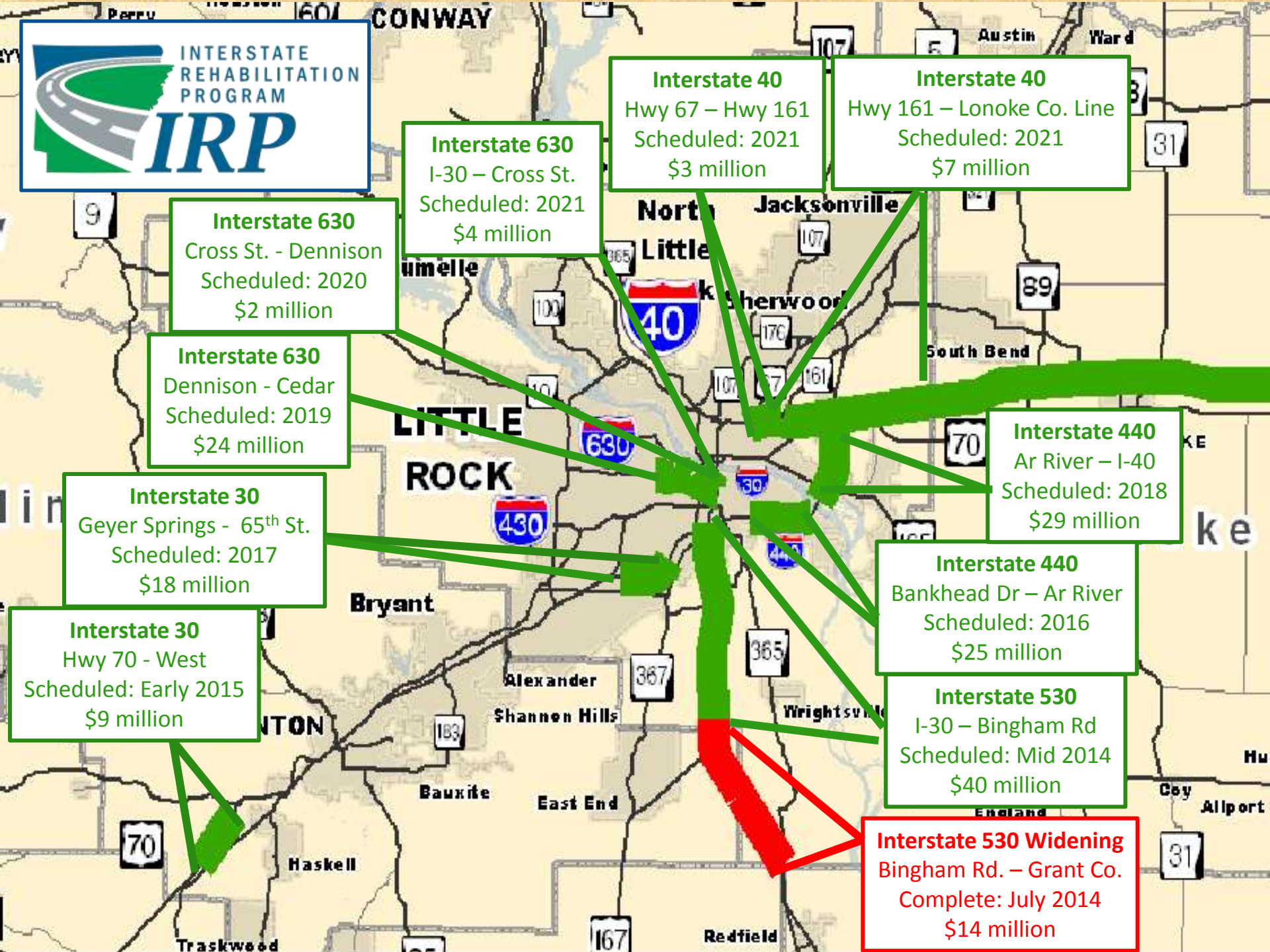
Interstate 40
Hwy 161 – Lonoke Co. Line
Scheduled: 2021
\$7 million

Interstate 440
Ar River – I-40
Scheduled: 2018
\$29 million

Interstate 440
Bankhead Dr – Ar River
Scheduled: 2016
\$25 million

Interstate 530
I-30 – Bingham Rd
Scheduled: Mid 2014
\$40 million

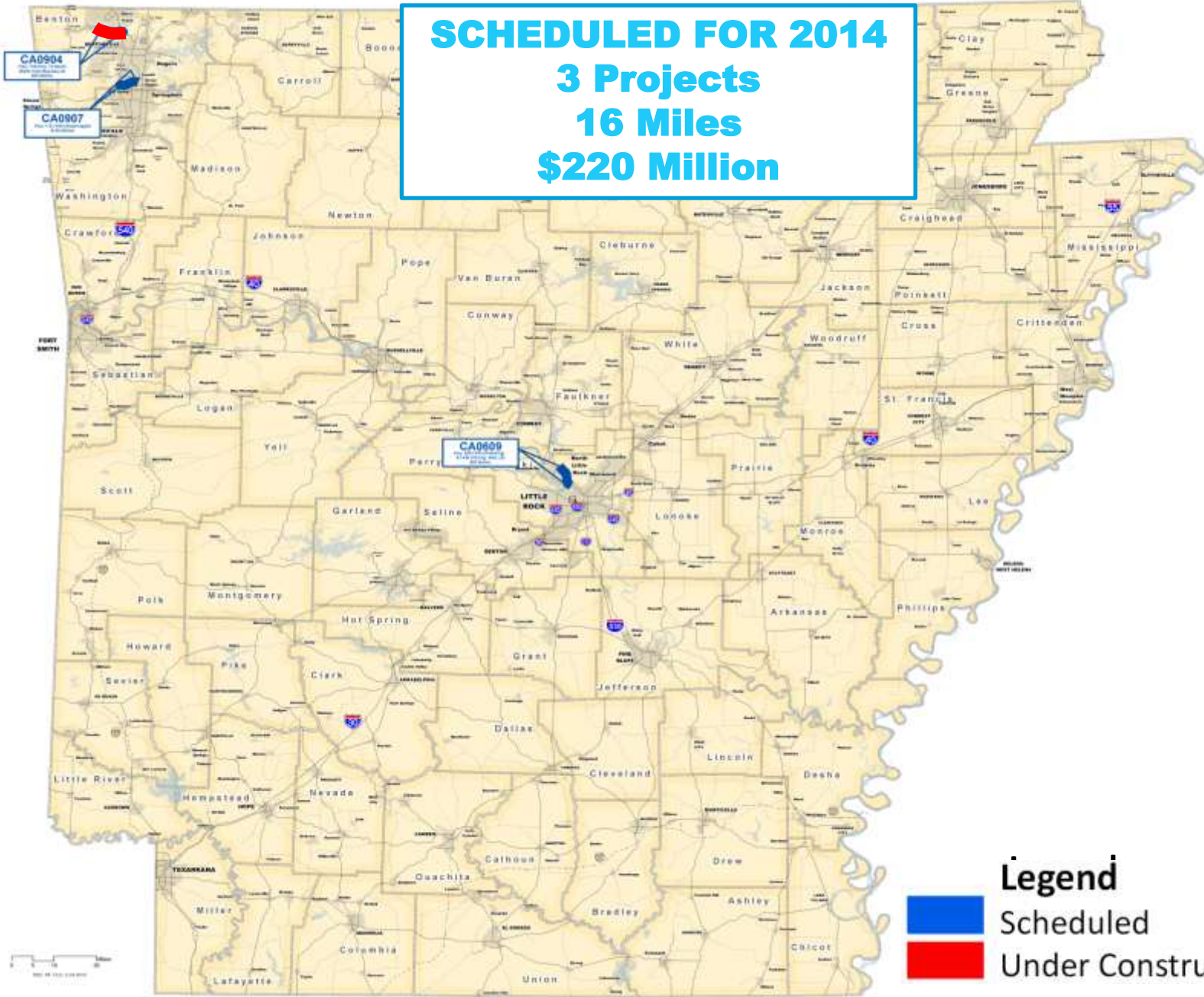
Interstate 530 Widening
Bingham Rd. – Grant Co.
Complete: July 2014
\$14 million





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

SCHEDULED FOR 2014
3 Projects
16 Miles
\$220 Million

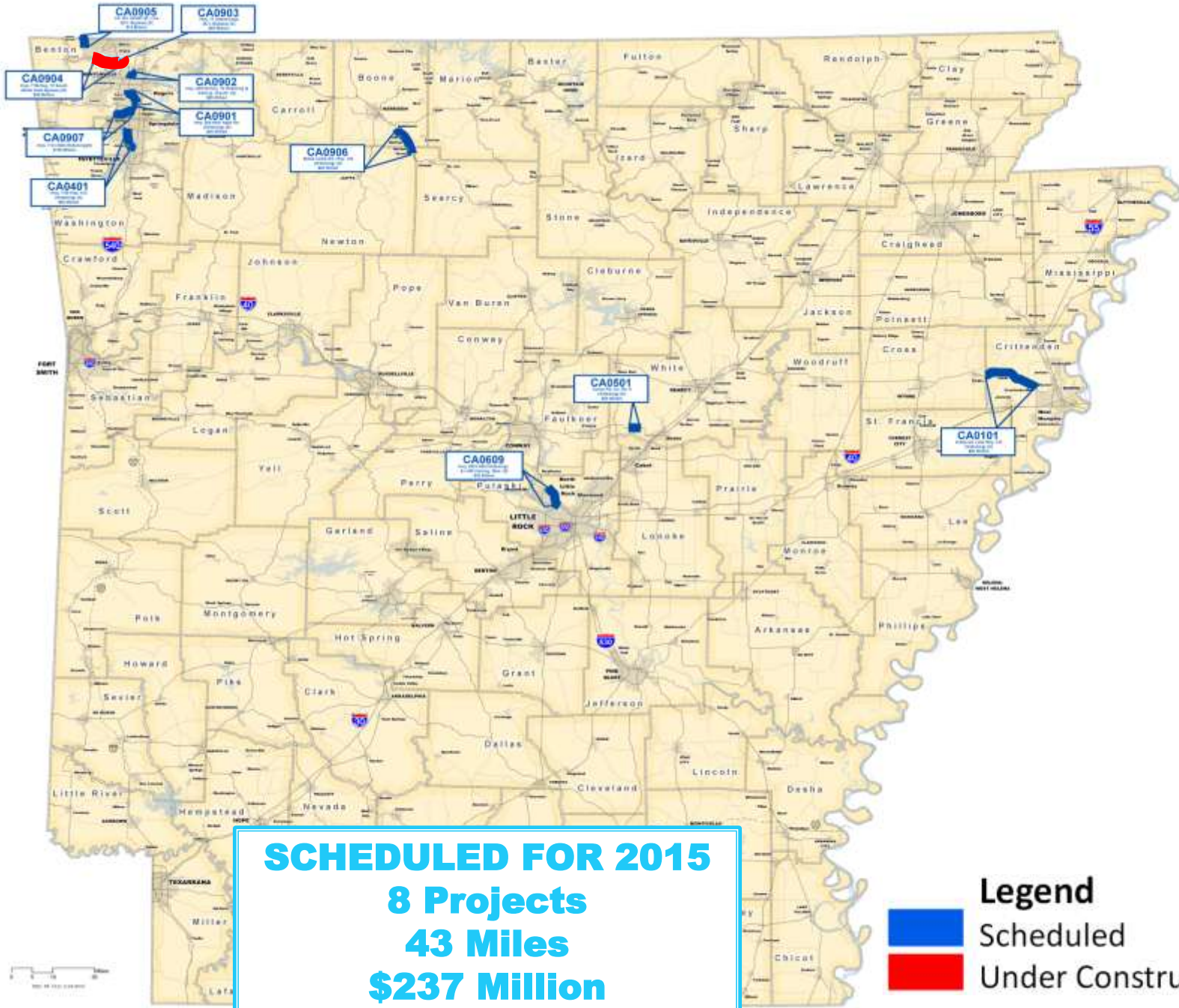


Legend
Scheduled
Under Construction



Connecting Arkansas Program

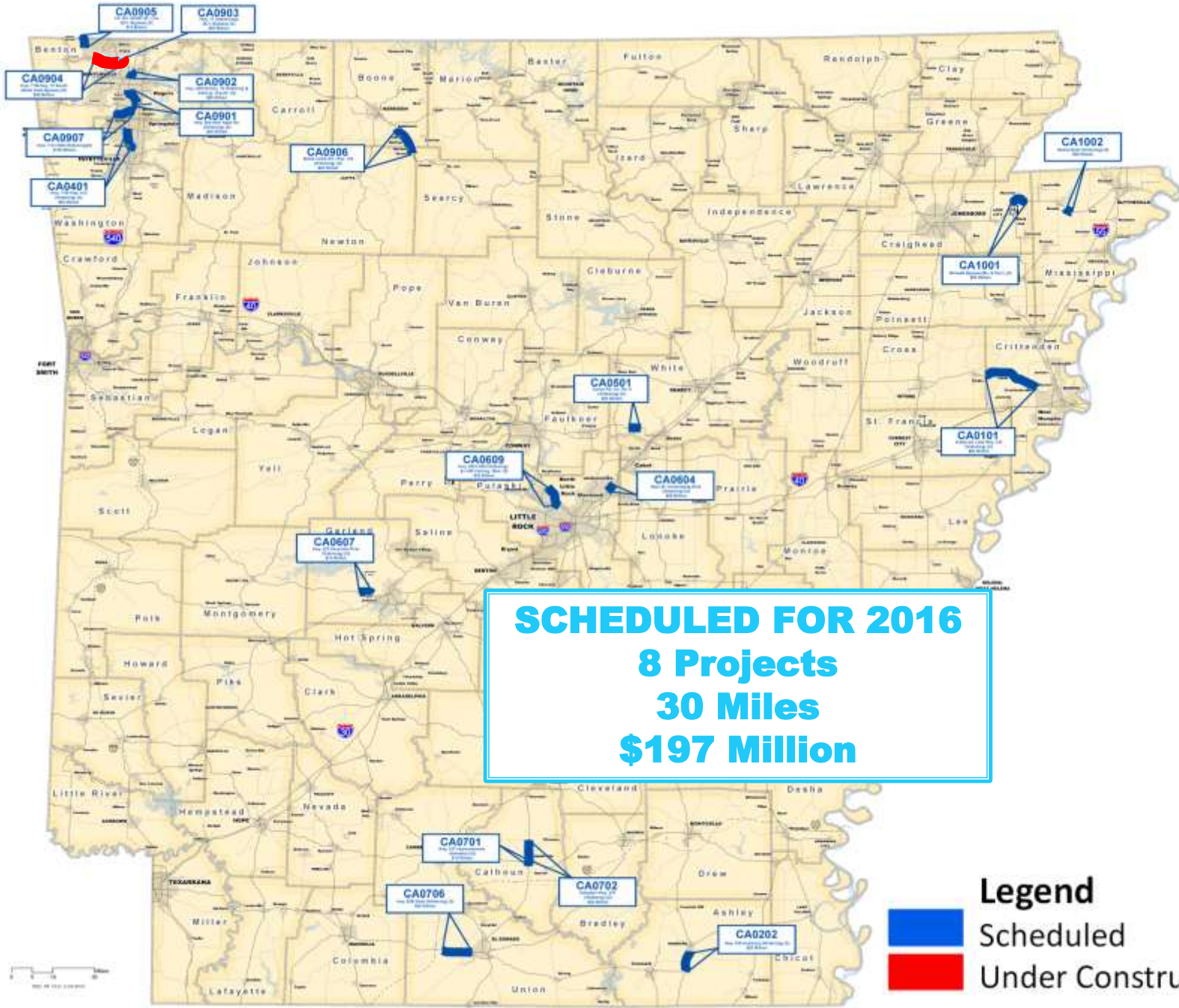
2014 - 2015

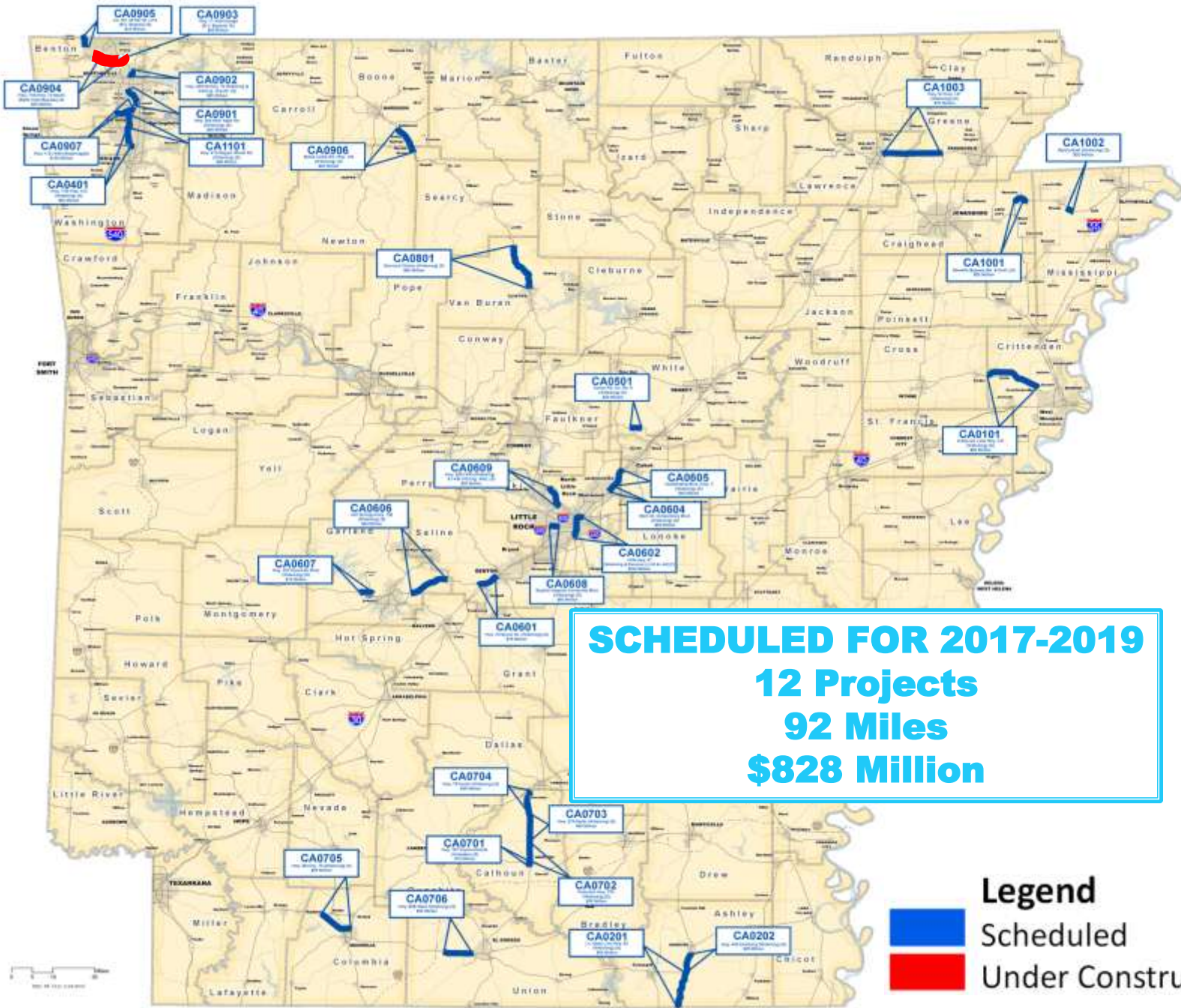


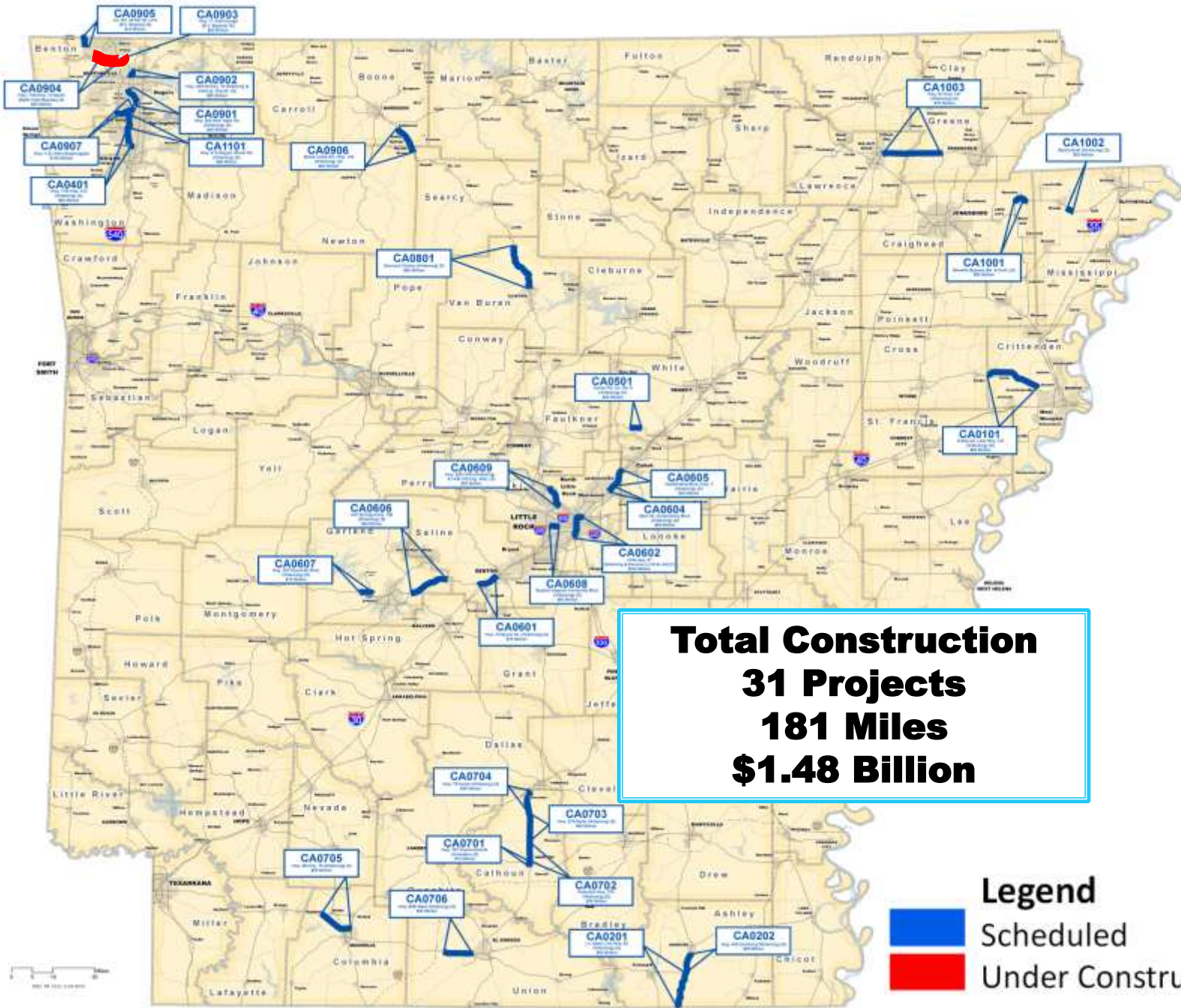
SCHEDULED FOR 2015
8 Projects
43 Miles
\$237 Million

Legend
Scheduled
Under Construction











Highway 64 Widening
Turner Rd. – Co. Rd. 5
Scheduled: 2015
\$10 million

Interstate 40 Widening
Highway 365 – I-430
Scheduled: Mid 2014
\$35 million

Highway 67 Widening
Vandenburg – Hwy 5
Scheduled: 2019
\$70 million

Highway 70 Widening
Hot Springs – Hwy 128
Scheduled: 2018
\$40 million

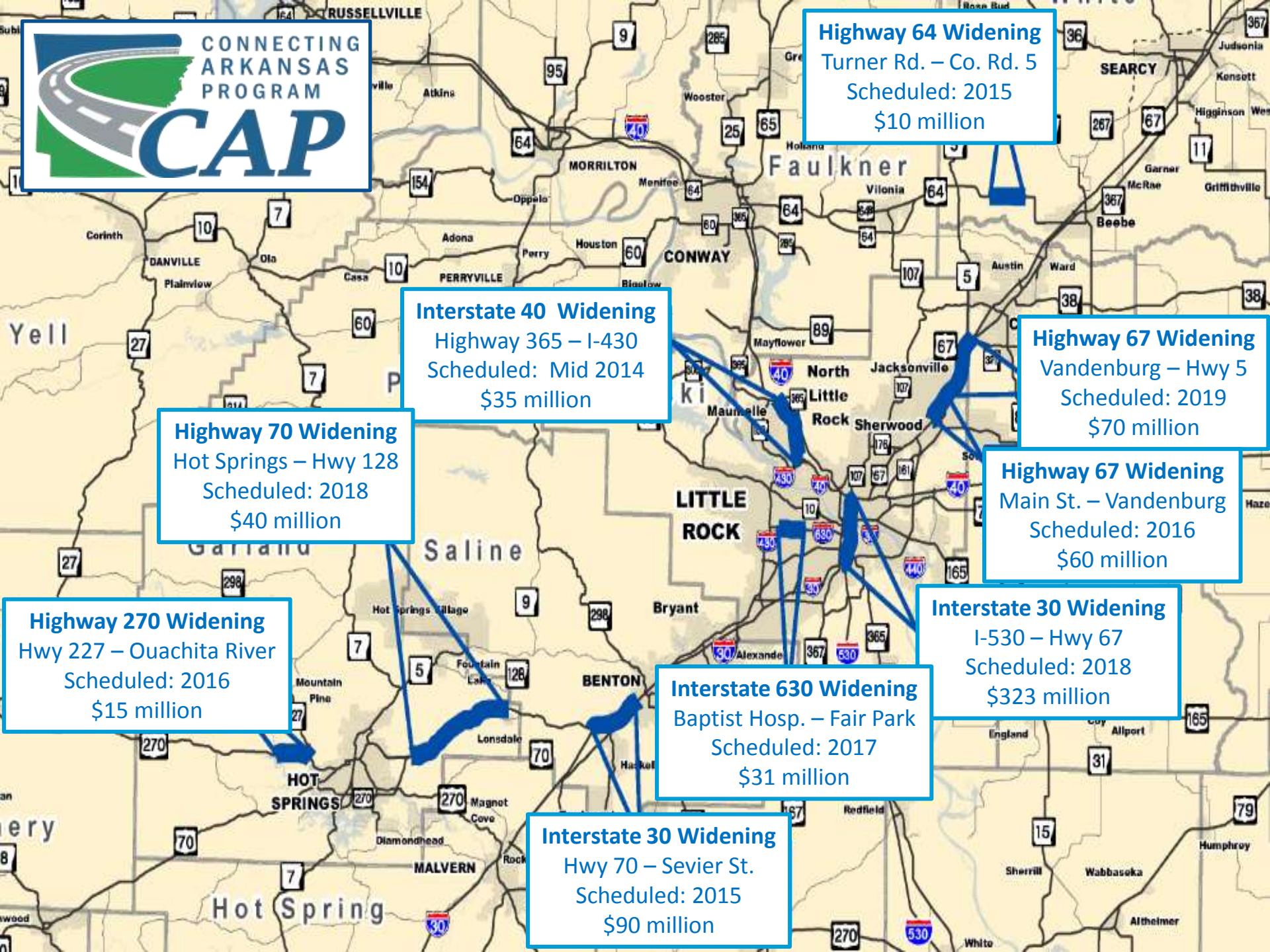
Highway 67 Widening
Main St. – Vandenburg
Scheduled: 2016
\$60 million

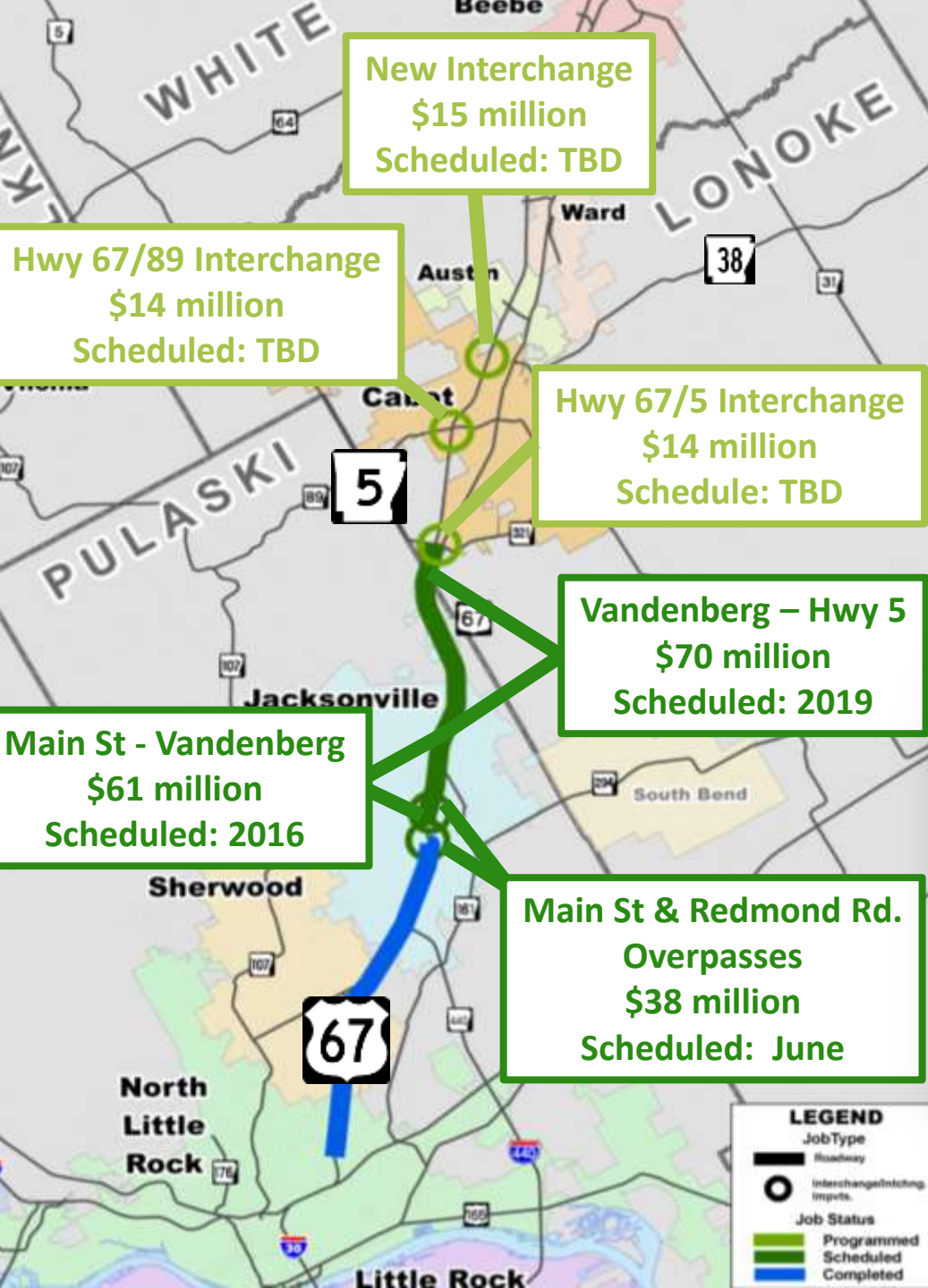
Highway 270 Widening
Hwy 227 – Ouachita River
Scheduled: 2016
\$15 million

Interstate 30 Widening
I-530 – Hwy 67
Scheduled: 2018
\$323 million

Interstate 630 Widening
Baptist Hosp. – Fair Park
Scheduled: 2017
\$31 million

Interstate 30 Widening
Hwy 70 – Sevier St.
Scheduled: 2015
\$90 million

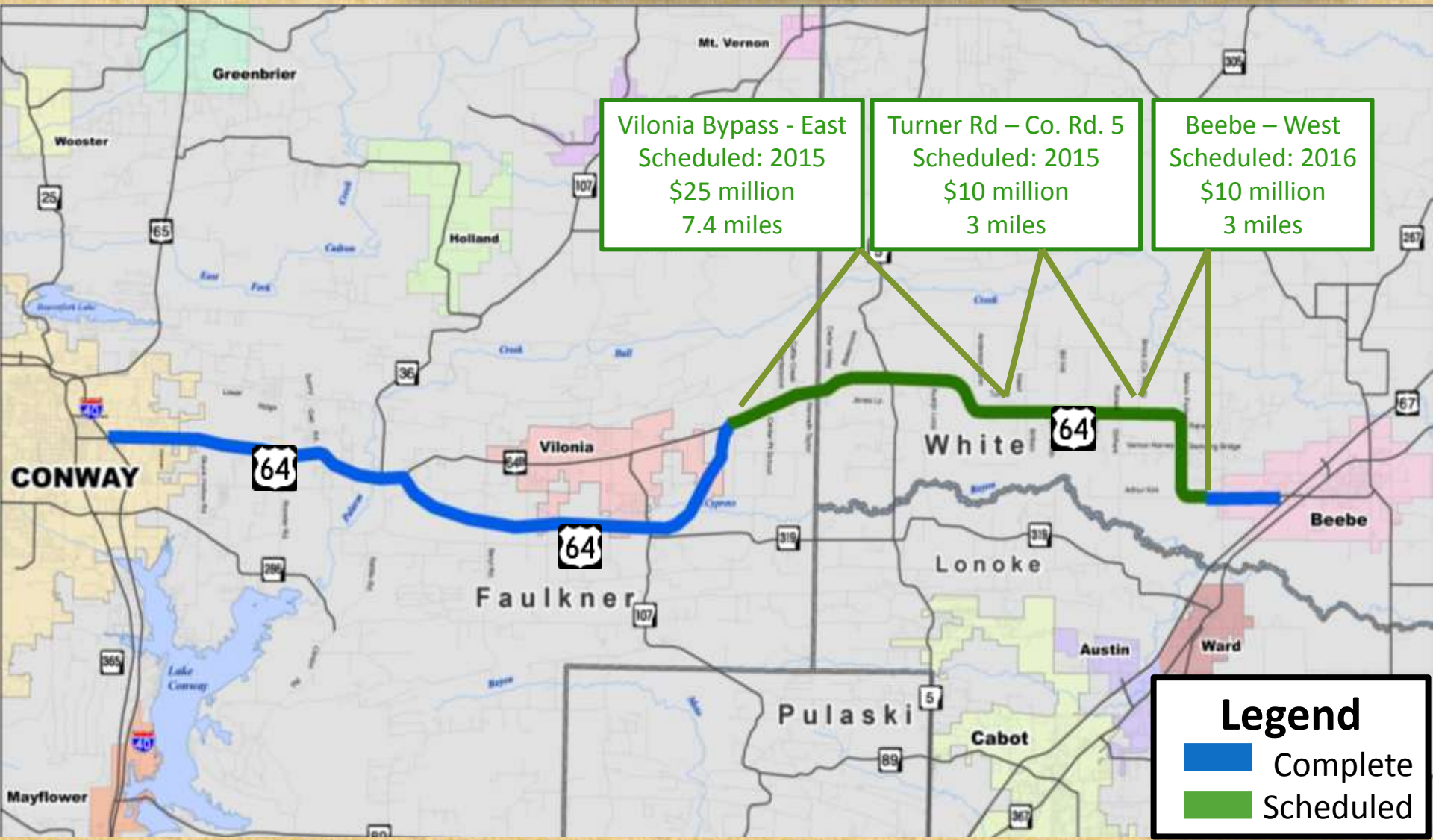




Jacksonville to Cabot



Conway to Beebe Widening





Broadway Bridge



- **25,000 Vehicles Daily**
- **Deteriorating Rapidly**
- **Deficient & Obsolete**



Broadway Bridge



- **Superstructure Facts**
 - ✓ Double Basket Handle Network Tied Arch
 - ✓ Pulaski Co. contributes \$20 million for addition of Double Arch
 - ✓ 2 – 448 Foot Spans
 - ✓ Arches Rise 100 Feet Above Roadway Surface



Broadway Bridge



➤ Navigational Clearance

- ✓ Vertical Clearance: 62.4 Feet
- ✓ Horizontal Clearance: 396 Feet
- ✓ Substructure Designed for Barge Collision



Broadway Bridge



➤ Travel Area

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



Broadway Bridge



➤ **Dickey Stephens Ballpark Access**



Broadway Bridge



➤ Construction

- ✓ Bid Letting Late Summer 2014
- ✓ Construction Begins Early 2015
- ✓ Bridge Closed for 2 Years

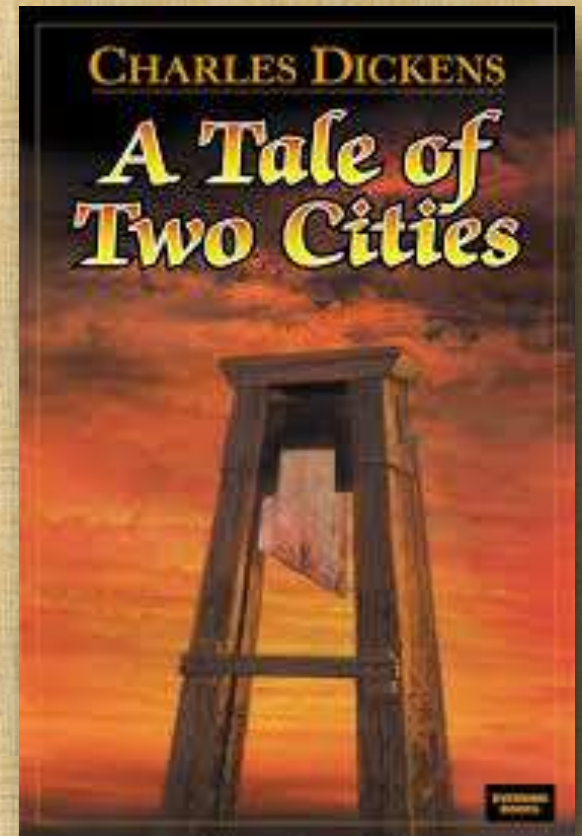
Pulaski County Construction

Projects	Miles	Cost
Completed	146	\$514 million
Under Construction	28 miles	\$161 million
Planned	90	\$1.2 billion
Total	264	\$1.9 billion



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

-A Tale of Two Cities
Charles Dickens





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



We can only do less
with *less*.

Quality of Infrastructure

2008-2009

Rank	Country/Economy	Score
1	Switzerland	6.8
2	Singapore	6.7
3	Germany	6.6
4	France	6.6
5	Finland	6.5
6	Austria	6.5
7	Denmark	6.4
8	Hong Kong	6.3
9	United States	6.1
10	Canada	6.0
11	United Arab Emirates	6.0
12	Sweden	6.0
13	Iceland	5.9

Rank	Country/Economy	Score
14	Luxembourg	5.9
15	Belgium	5.8
16	Japan	5.7
17	Netherlands	5.6
18	Korea	5.6
19	Malaysia	5.6
20	Barbados	5.5
21	Cyprus	5.5
22	China	5.5
23	Portugal	5.4
24	United Kingdom	5.3
25	Australia	5.2

Quality of Infrastructure 2012-2013

Rank	Country/Economy	Score
1	Switzerland	6.6
2	Singapore	6.5
3	Finland	6.5
4	Hong Kong	6.5
5	France	6.4
6	United Arab Emirates	6.4
7	Iceland	6.3
8	Austria	6.3
9	Germany	6.2
10	Netherlands	6.2
11	Portugal	6.2
12	Luxembourg	6.2
13	Denmark	6.0

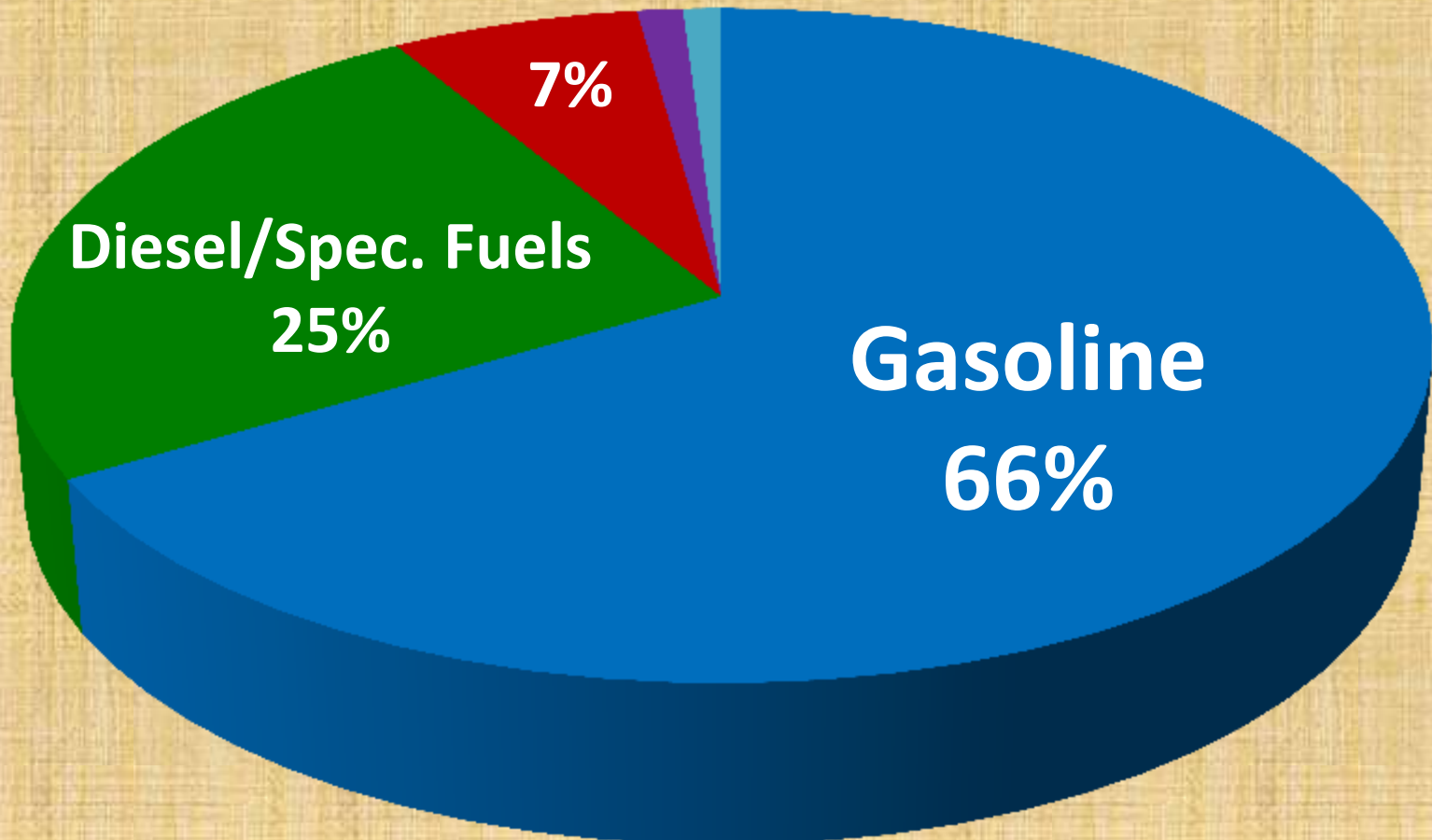
Rank	Country/Economy	Score
14	Bahrain	6.0
15	Canada	6.0
16	Japan	5.9
17	Belgium	5.9
18	Spain	5.8
19	Sweden	5.8
20	Oman	5.8
21	Barbados	5.8
22	Korea	5.8
23	Saudi Arabia	5.8
24	United Kingdom	5.6
25	United States	5.6

Highway Trust Fund Tax Receipts

Truck/Bus/Trailer 7%

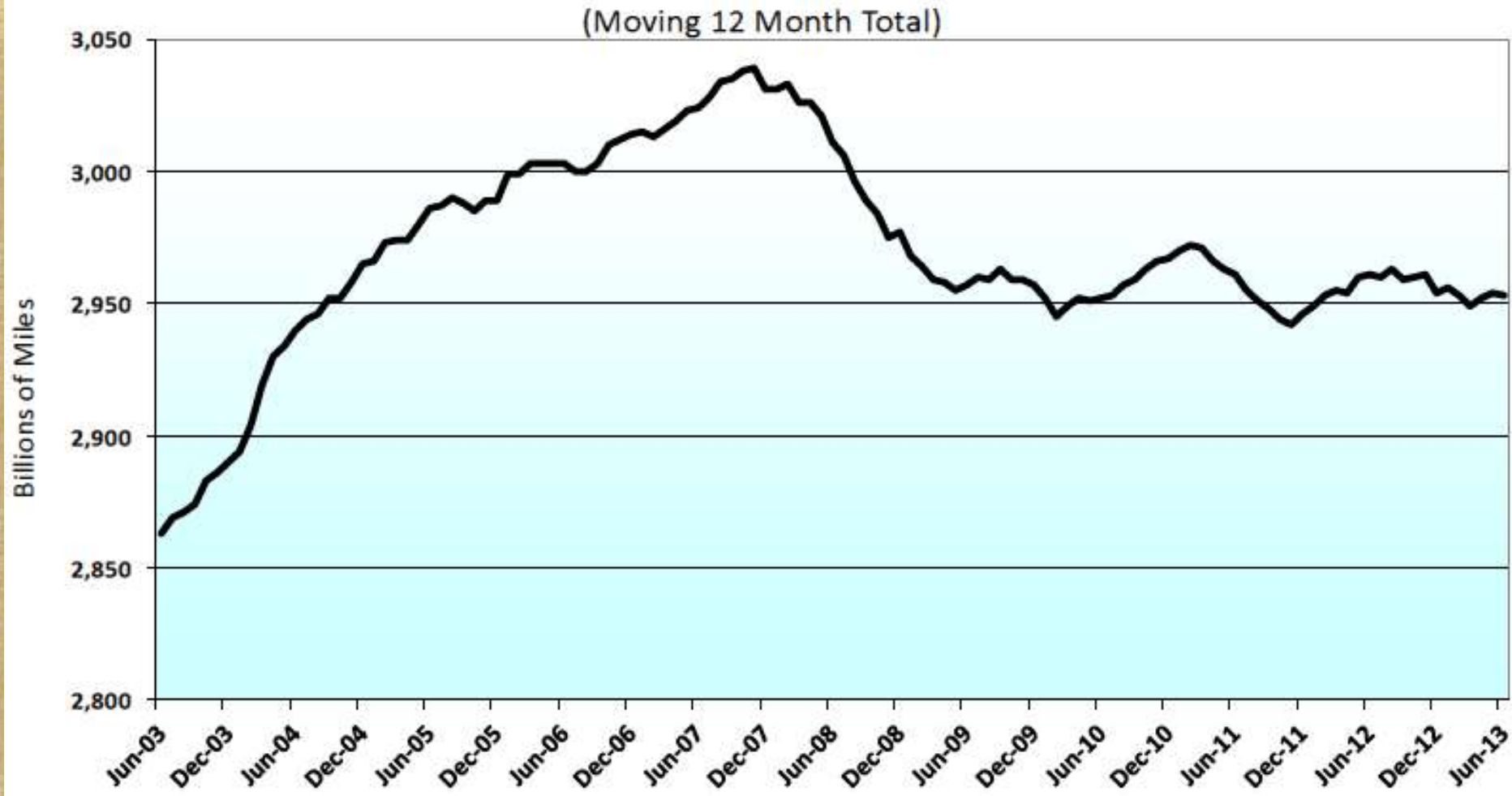
Tires 1.0%

Heavy Vehicle Tax 0.1%

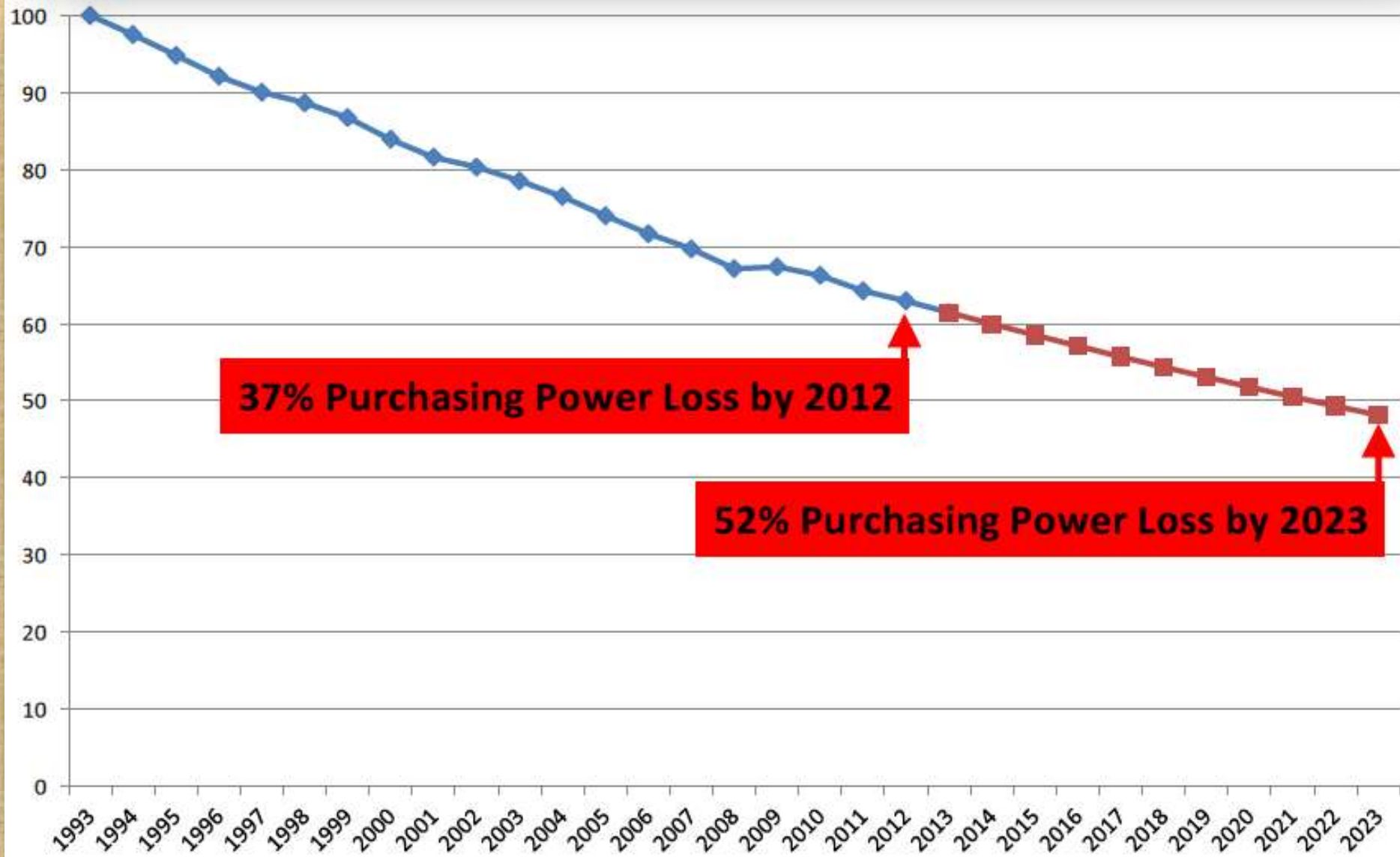


Highway Trust Fund Headwinds

Americans Aren't Driving as Much



Gasoline Tax Purchasing Power



37% Purchasing Power Loss by 2012

52% Purchasing Power Loss by 2023

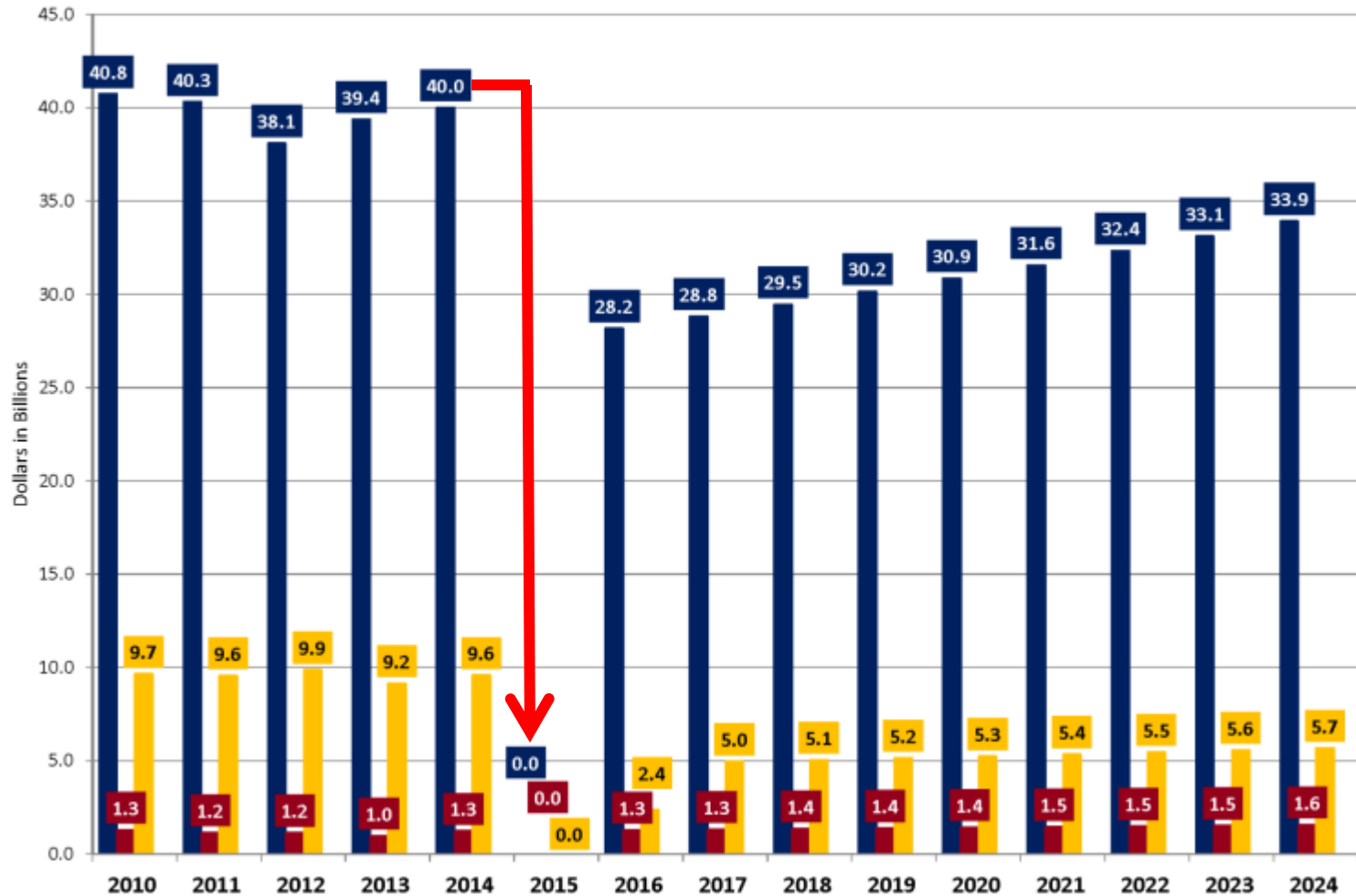
HIGHWAY TRUST FUND

ESTIMATED FEDERAL HIGHWAY AND TRANSIT OBLIGATIONS WITH NO NET NEW REVENUE

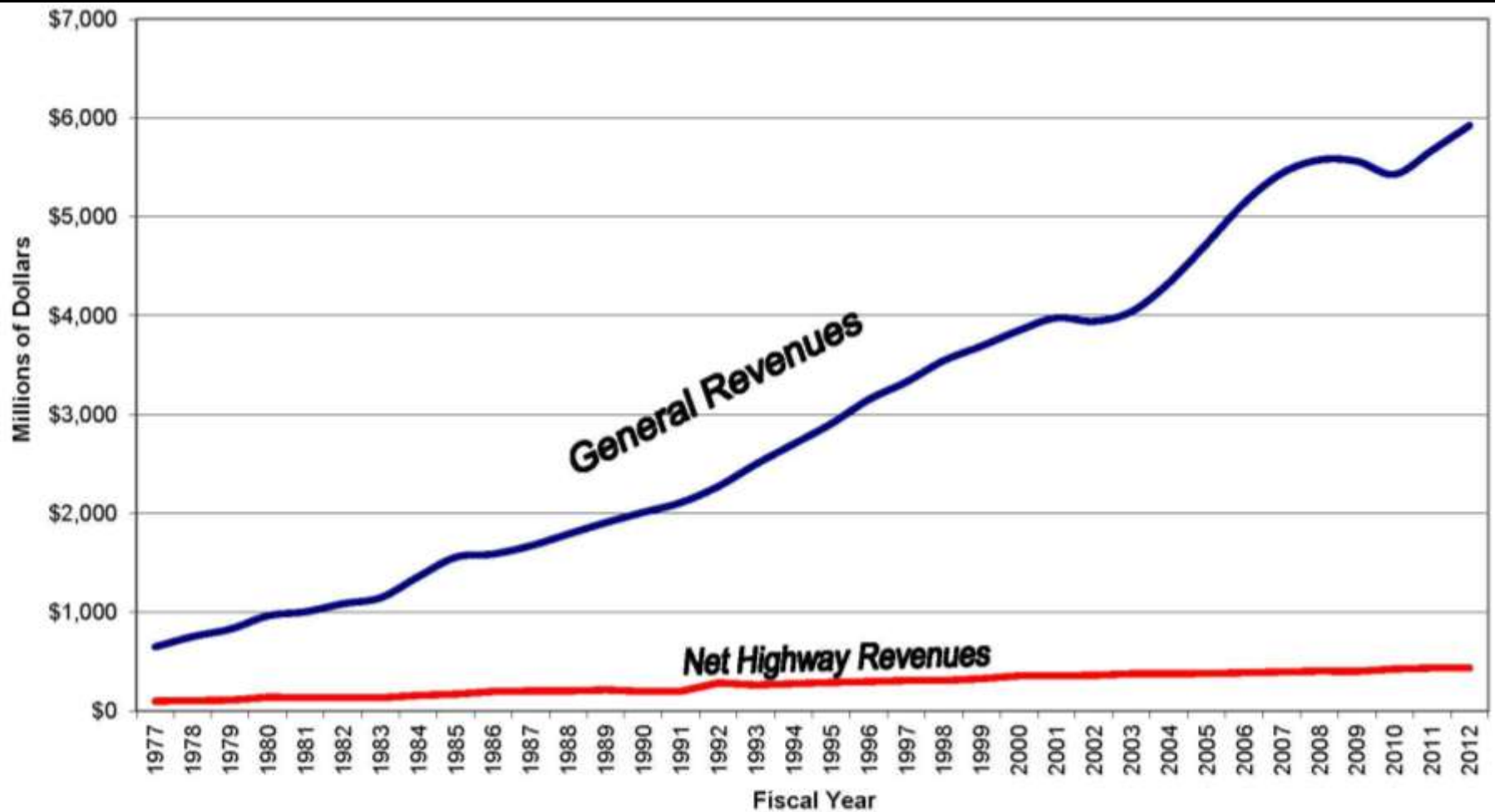
Highway Safety

Federal Aid Highway

Transit



State General Revenues vs. AHTD Net Highway Revenues

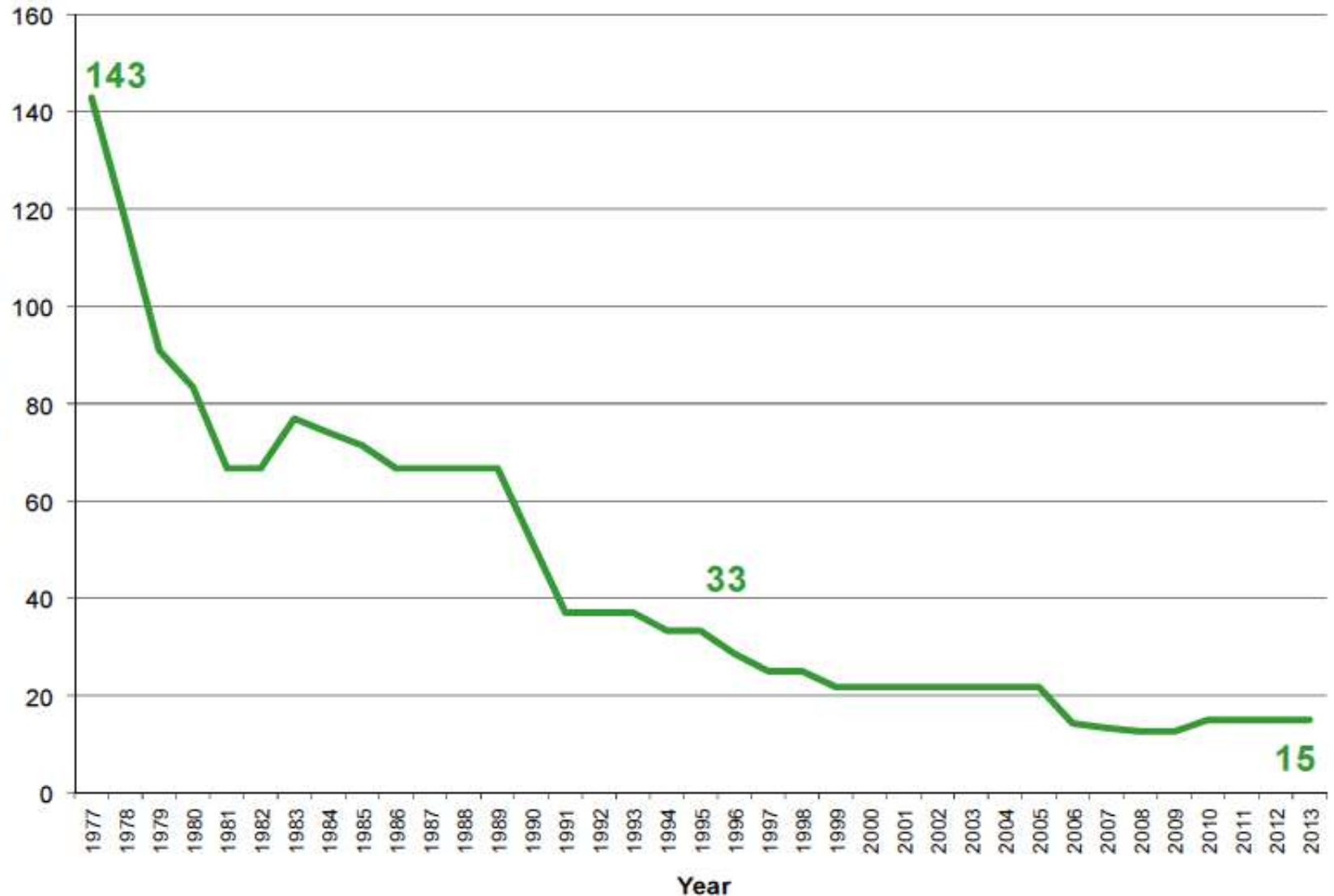


— ARKANSAS STATE GENERAL REVENUES — AHTD NET HIGHWAY REVENUES

The Shrinking Highway Dollar

\$100,000,000 Widening Program

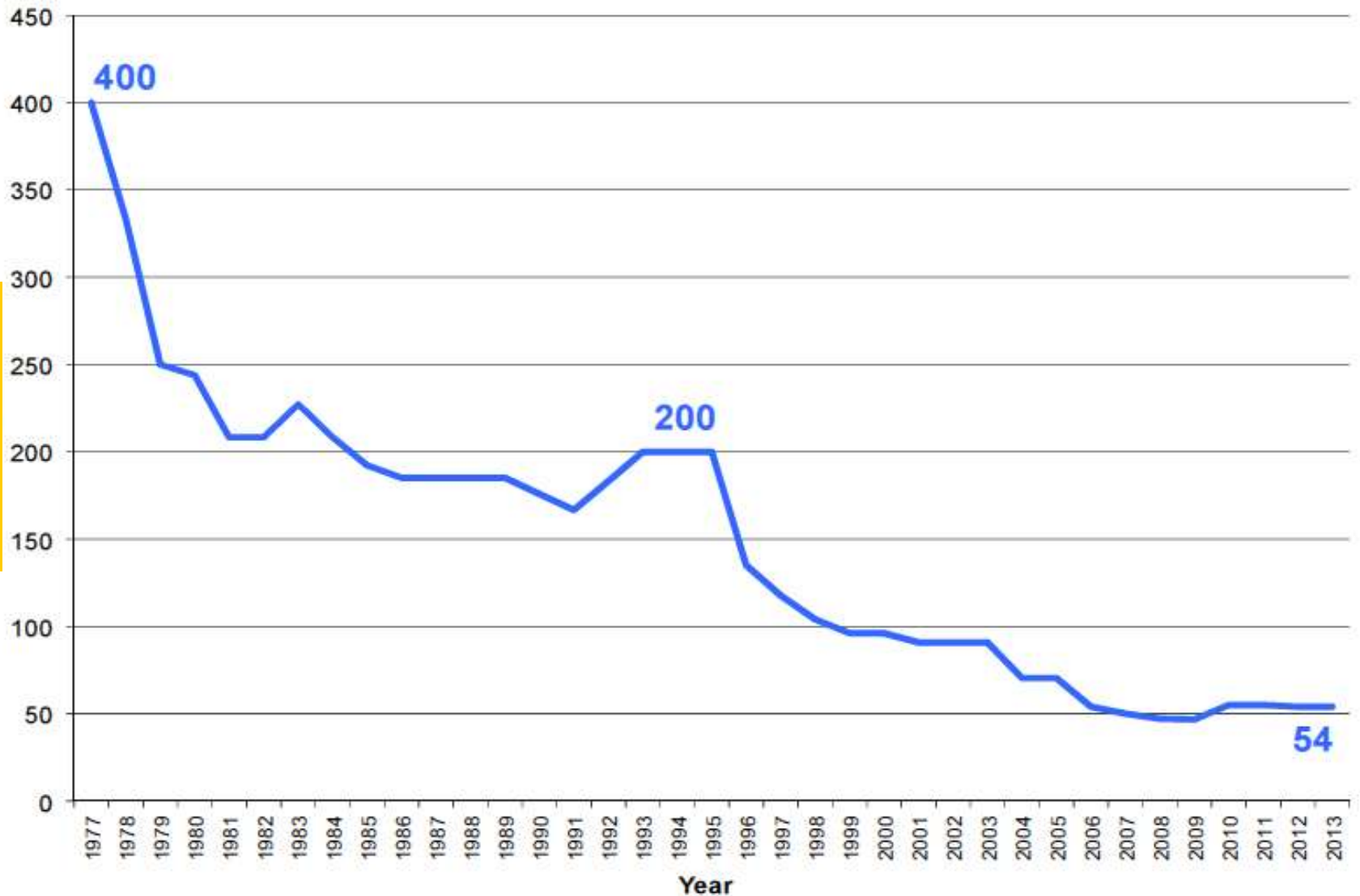
Miles of Widening
Rural Highway 2 to 5 lanes



The Shrinking Highway Dollar

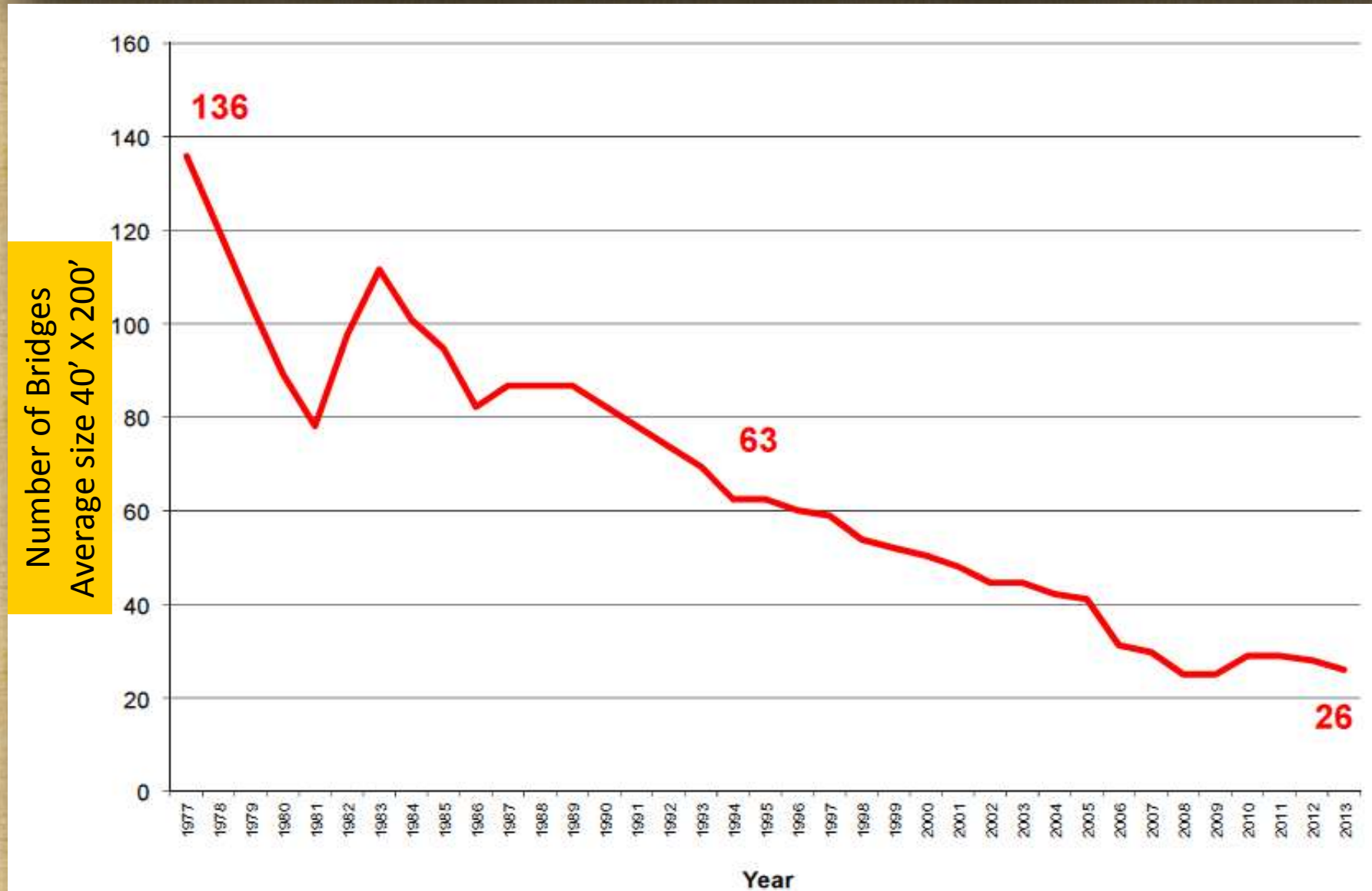
\$10,000,000 Overlay Program

Miles of Overlay
2 lanes





The Shrinking Highway Dollar

\$25,000,000 Bridge Program



Needs vs. *Revenue*

 CONNECTING
ARKANSAS
PROGRAM
CAP = 180 miles

 INTERSTATE
REHABILITATION
PROGRAM
IRP = 450 miles

Needs vs. *Revenue*



+



Total = 630 miles

3.8%

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.



MAP-21 Reauthorization

Investment Level (2015 – 2020)	Average Investment Amount Per Year	Additional Needed Monthly Per Household
Maintain Existing MAP-21 Levels	\$57.1 B	\$10.23
11% Increase Adjusted for Inflation	\$63.1 B	\$13.52
1993 Levels Adjusted for Inflation	\$73.3 B	\$19.06



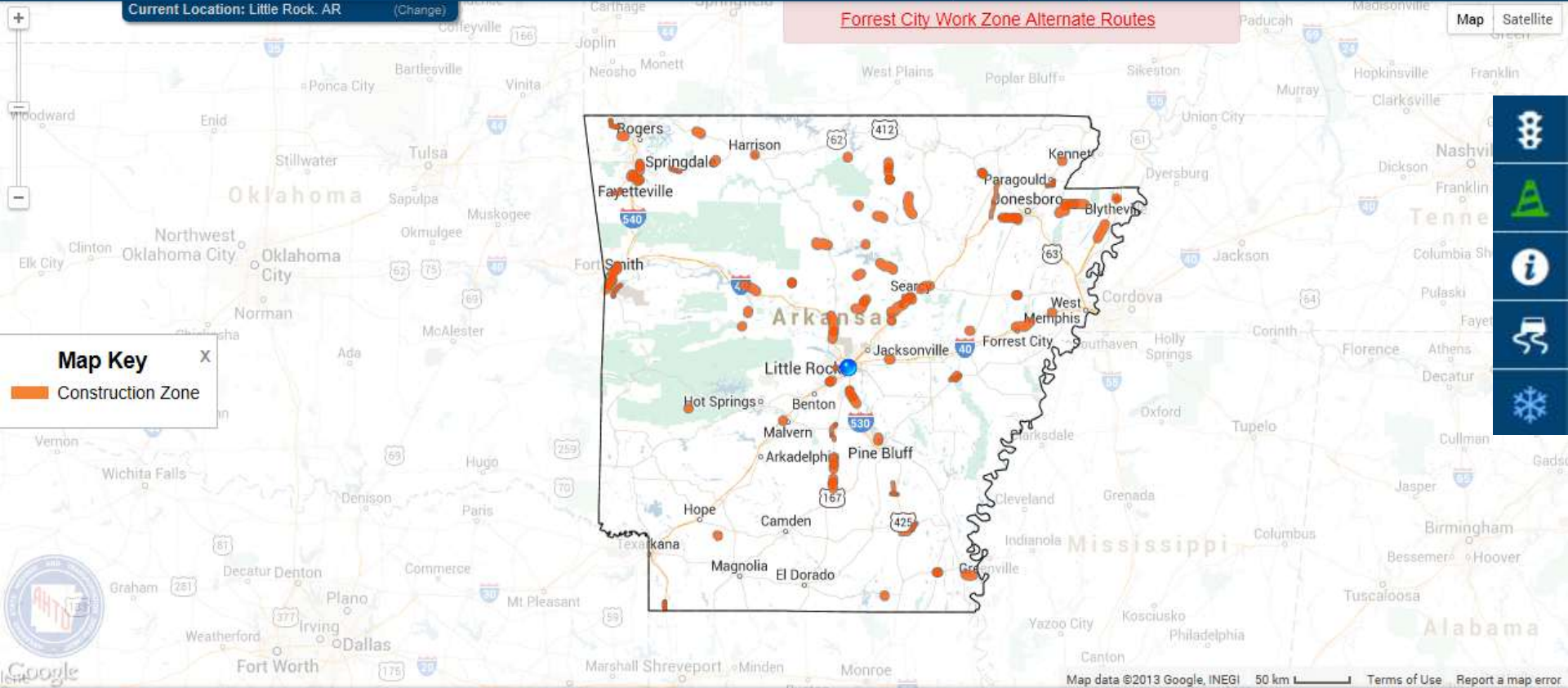
- ✓ Live Traffic Conditions
- ✓ Construction Zones
- ✓ Alternate Routes
- ✓ Rest Areas
- ✓ Welcome Centers
- ✓ Park-and-Ride Lots
- ✓ Weight Restricted Roads & Bridges
- ✓ Weather Radar
- ✓ Live Traffic Cameras (Coming Soon)



Current Location: Little Rock, AR (Change)

Forrest City Work Zone Alternate Routes

Map Satellite



Map Key
Construction Zone



Construction



Project Name: Forrest City-East

Length: 8.3 Miles

Location: Mile Marker 239.8 - 248.1

Estimated Complete: Mid 2014

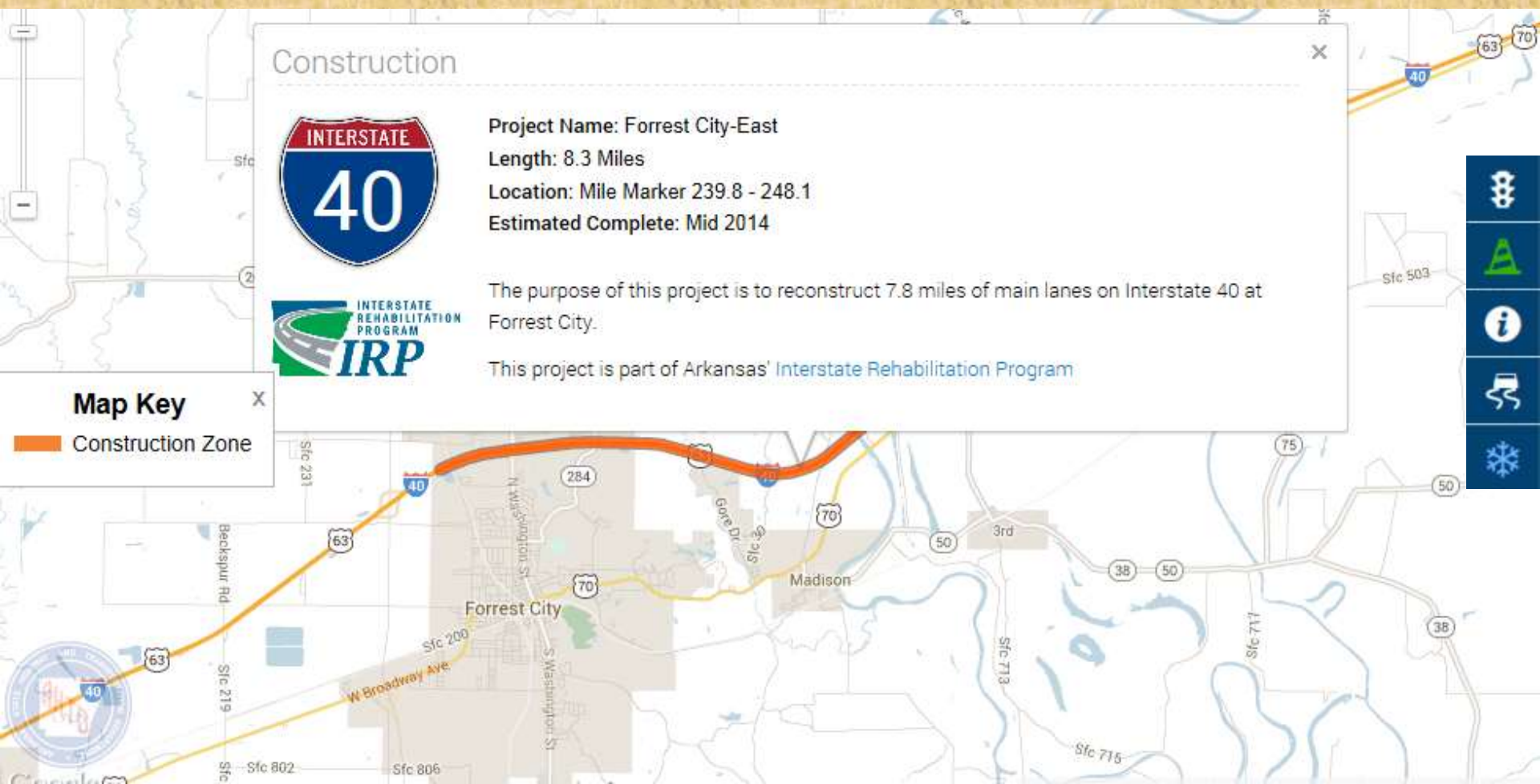


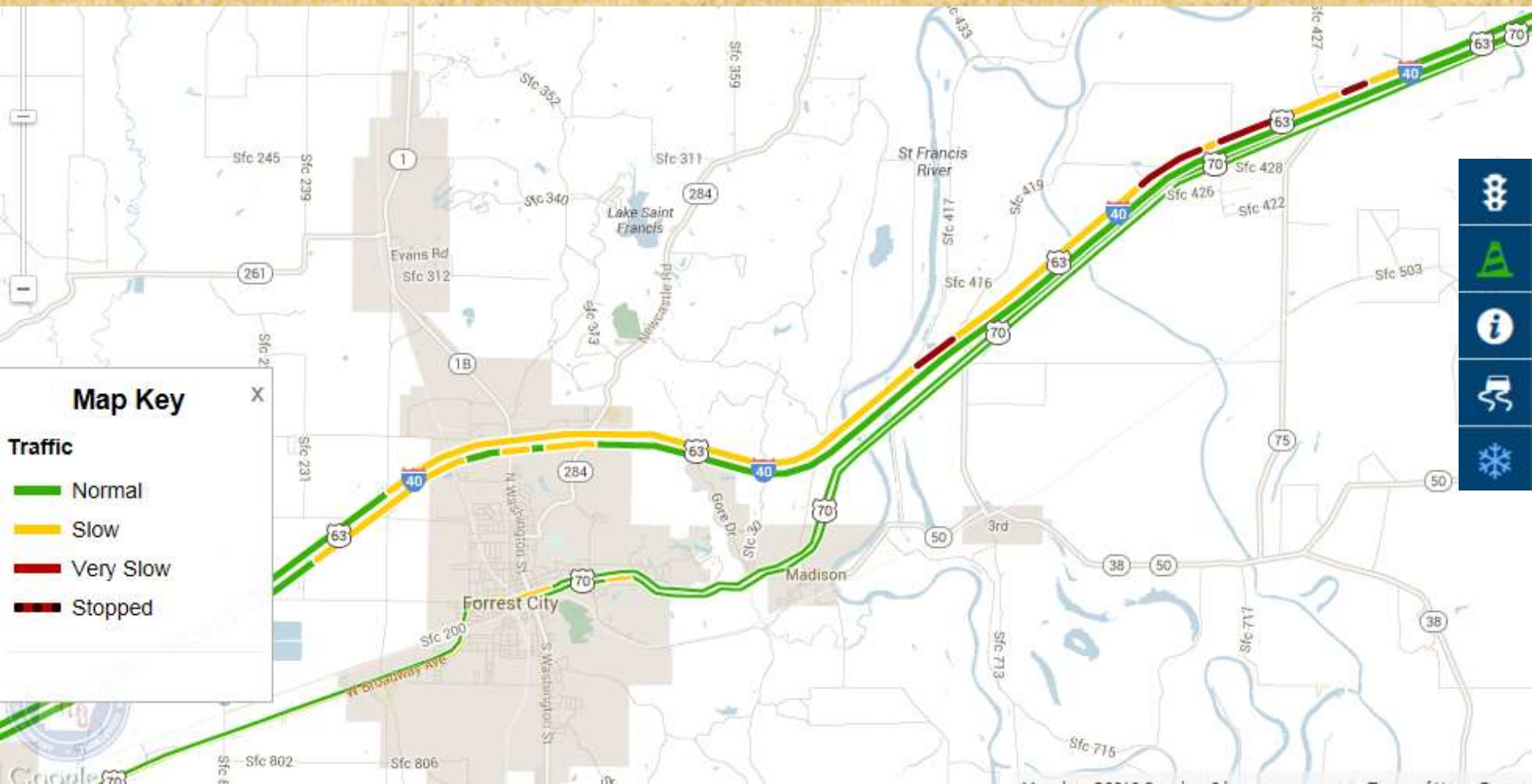
The purpose of this project is to reconstruct 7.8 miles of main lanes on Interstate 40 at Forrest City.

This project is part of Arkansas' [Interstate Rehabilitation Program](#)

Map Key

 Construction Zone







I DRIVE
ARKANSAS.COM



Available on the
App Store



ANDROID APP ON
Google™ play



ArkansasHighways.com

Litter Hotline 866-811-1222



@AHTD

