

# Arkansas State Highway and Transportation Department



## ATSSA Spring Meeting

Wyndham Riverfront - North Little Rock

Tuesday, April 15, 2014

# Recent Voter Approved Programs

**November  
2011**

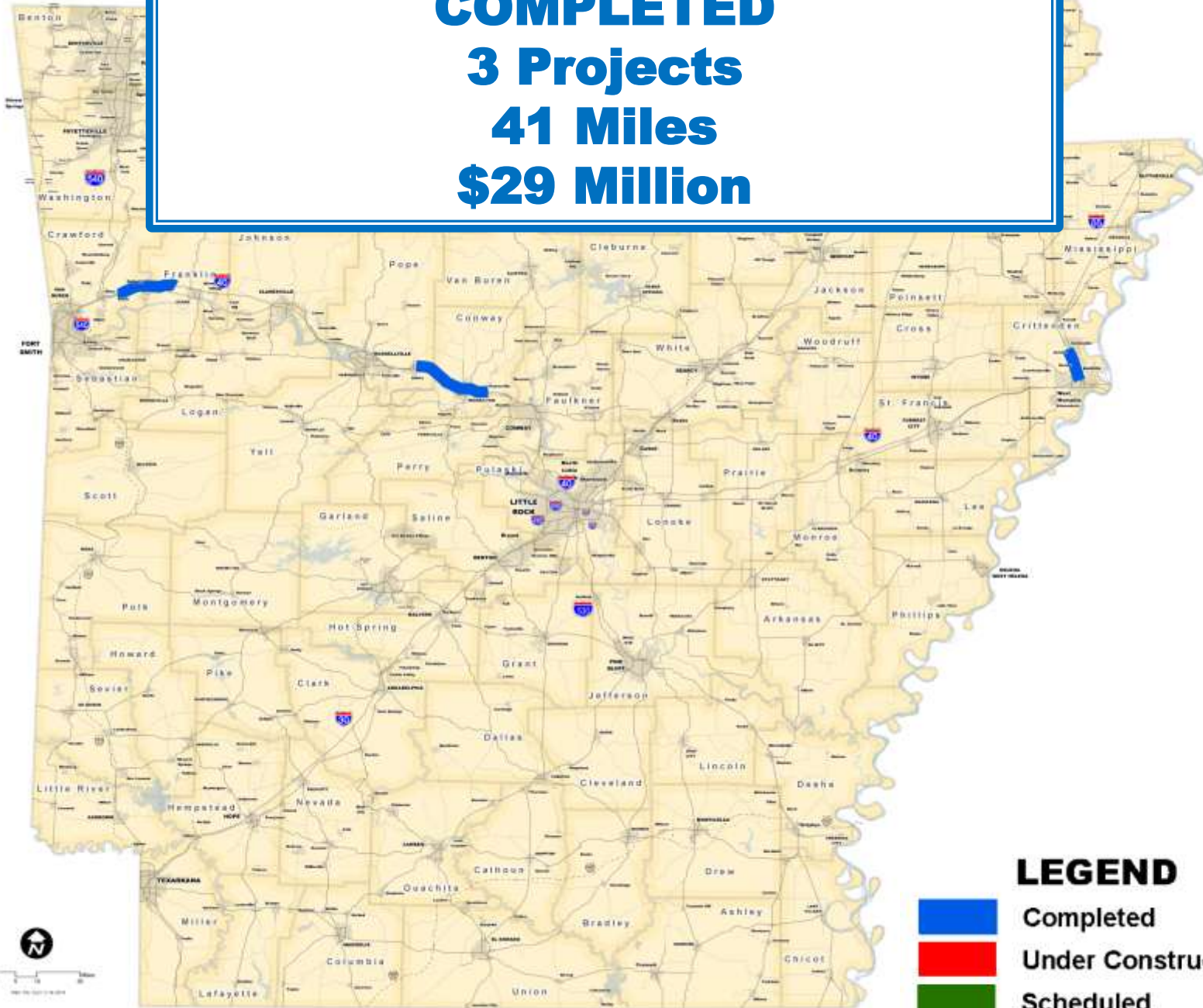


**November  
2012**








**COMPLETED**  
**3 Projects**  
**41 Miles**  
**\$29 Million**



**LEGEND**

-  Completed
-  Under Construction
-  Scheduled

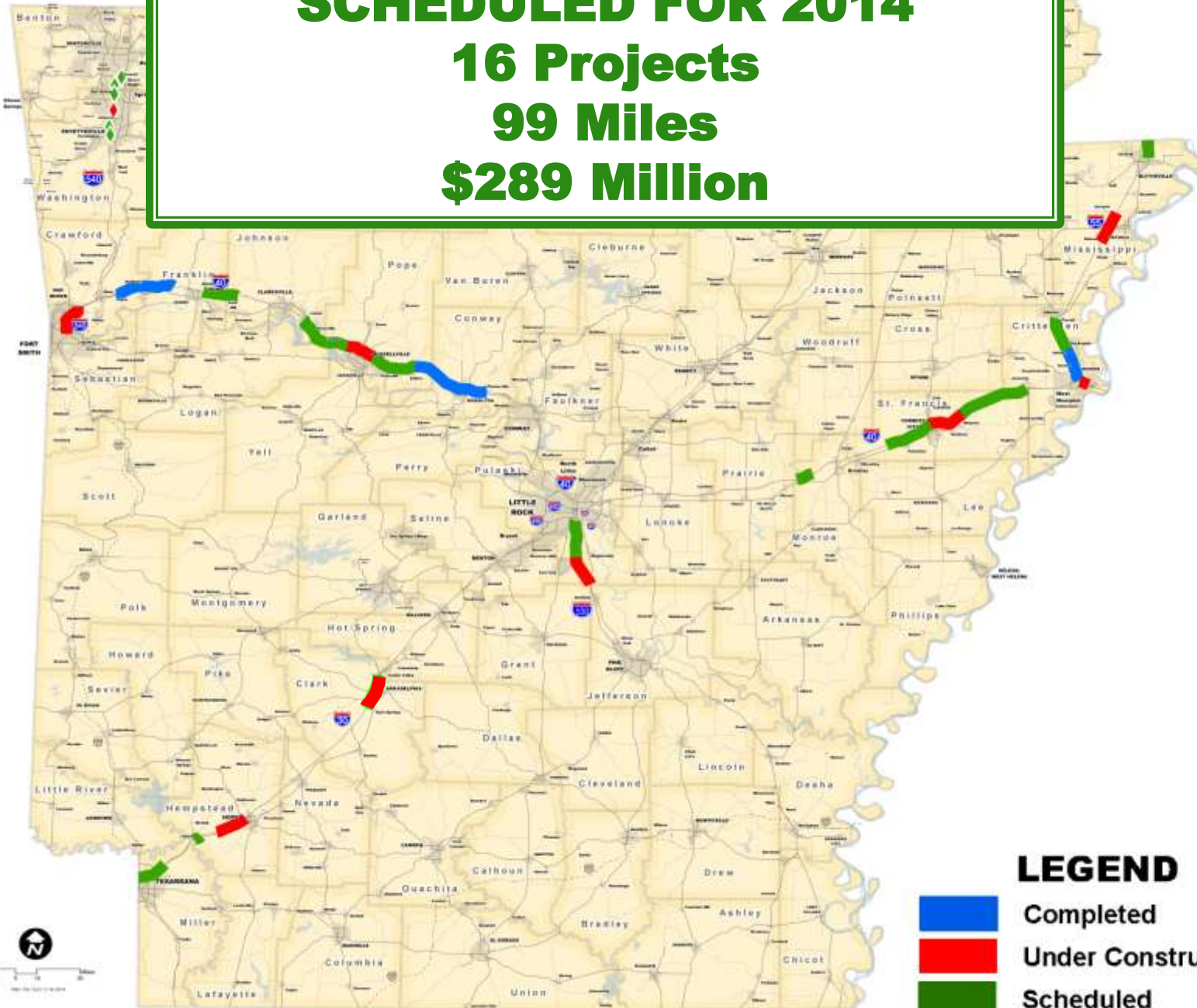
**Interstate Rehabilitation Program**  
**Job Status**







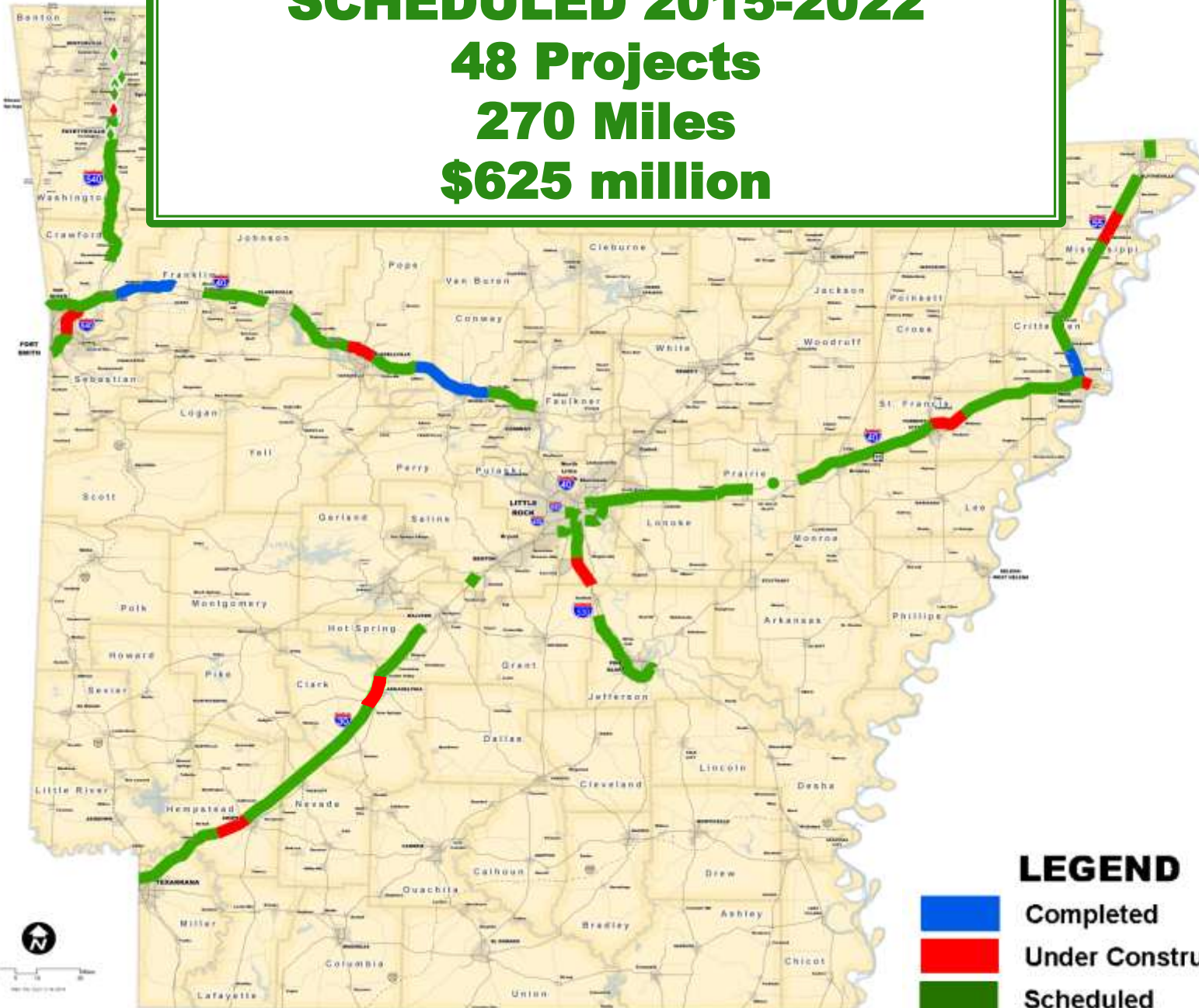
**SCHEDULED FOR 2014**  
**16 Projects**  
**99 Miles**  
**\$289 Million**



**Interstate Rehabilitation Program**  
**Job Status**



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



**LEGEND**

-  Completed
-  Under Construction
-  Scheduled

**Interstate Rehabilitation Program**  
**Job Status**



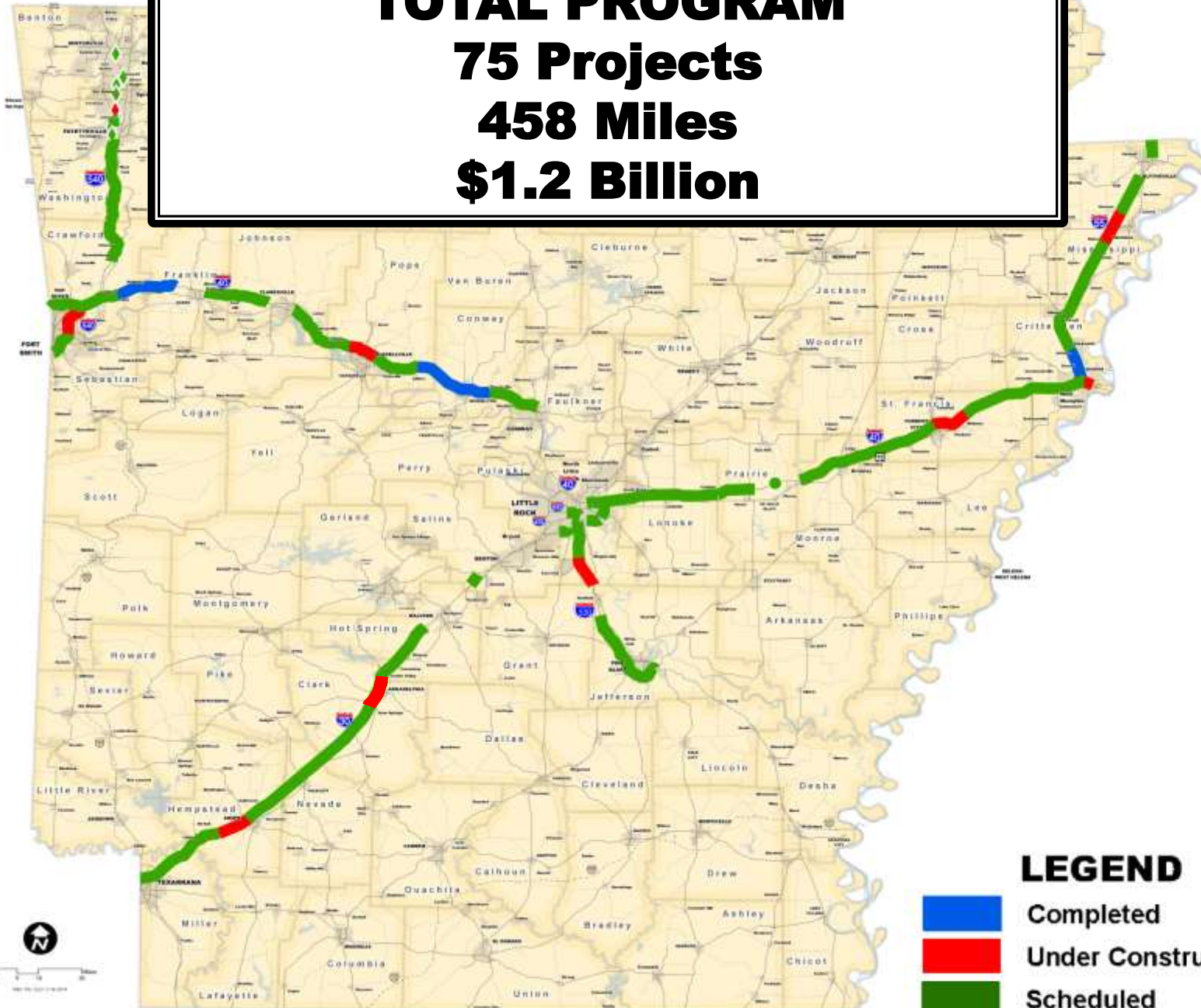


# TOTAL PROGRAM

## 75 Projects


## 458 Miles

## \$1.2 Billion



**Interstate Rehabilitation Program**  
Job Status

### LEGEND

-  Completed
-  Under Construction
-  Scheduled

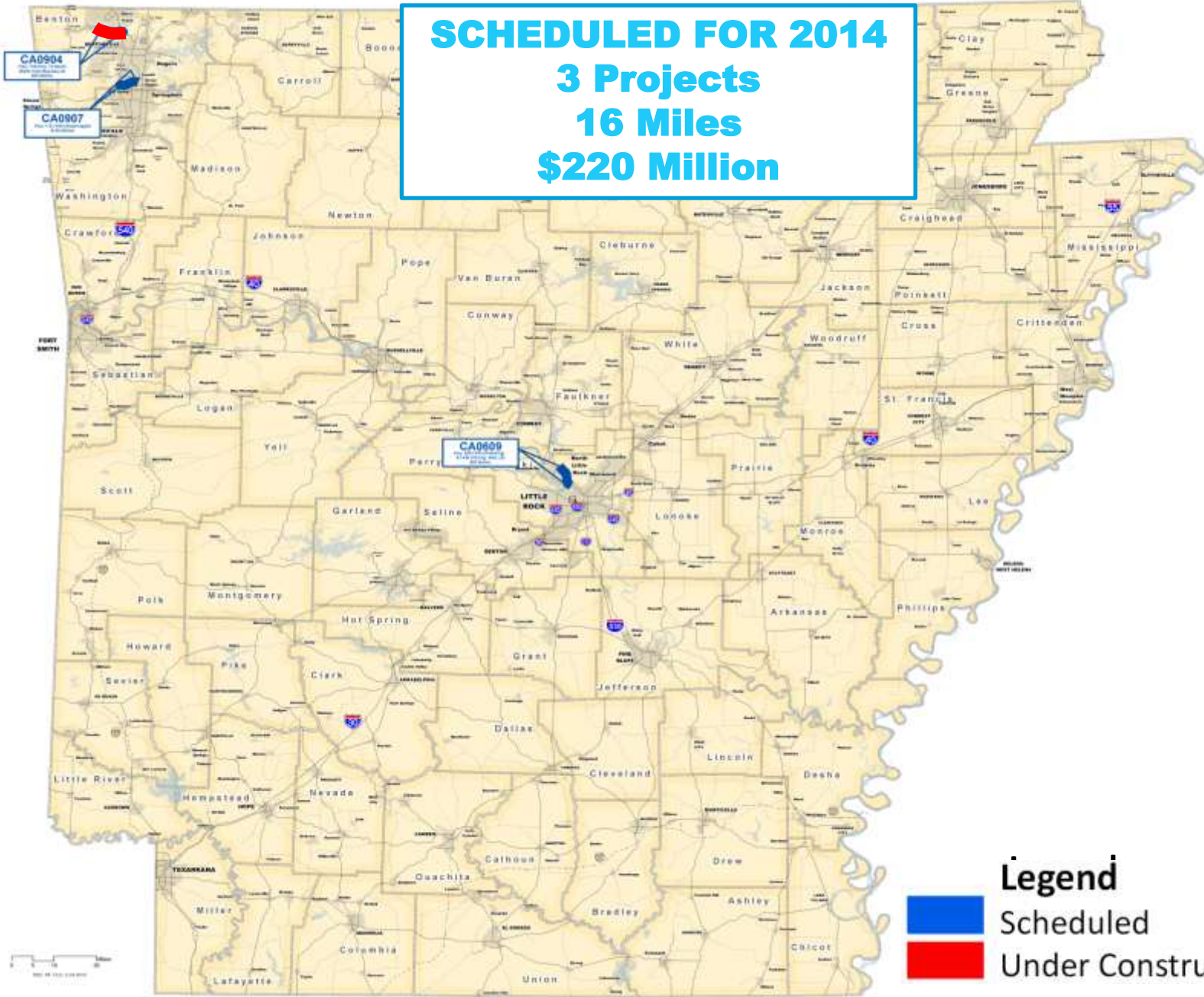




- ✓ Connects Arkansas
- ✓ Increases Capacity
- ✓ 10-Year Revenue Cap



**SCHEDULED FOR 2014**  
**3 Projects**  
**16 Miles**  
**\$220 Million**

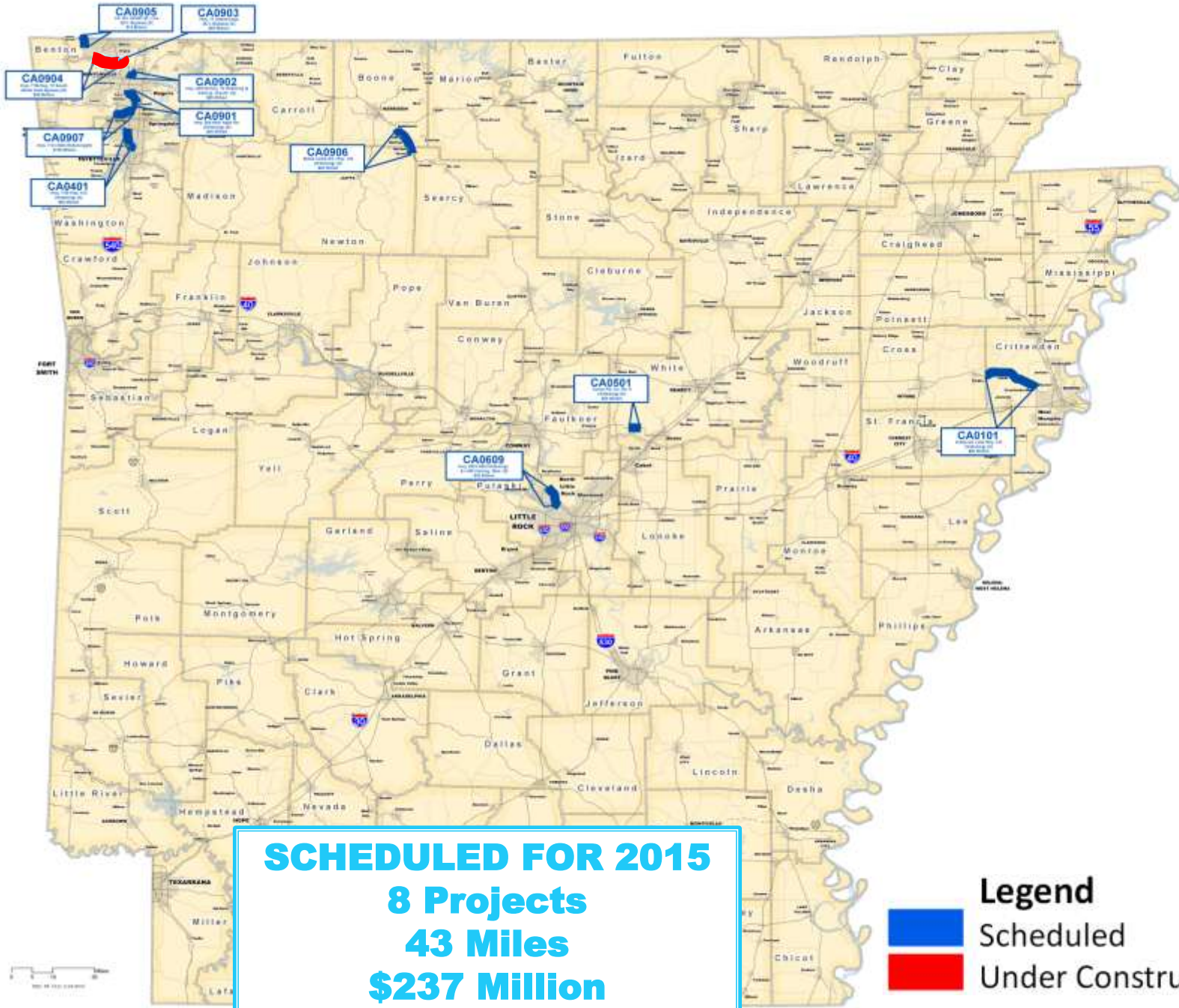


**Legend**  
Scheduled  
Under Construction



# Connecting Arkansas Program

2014 - 2015

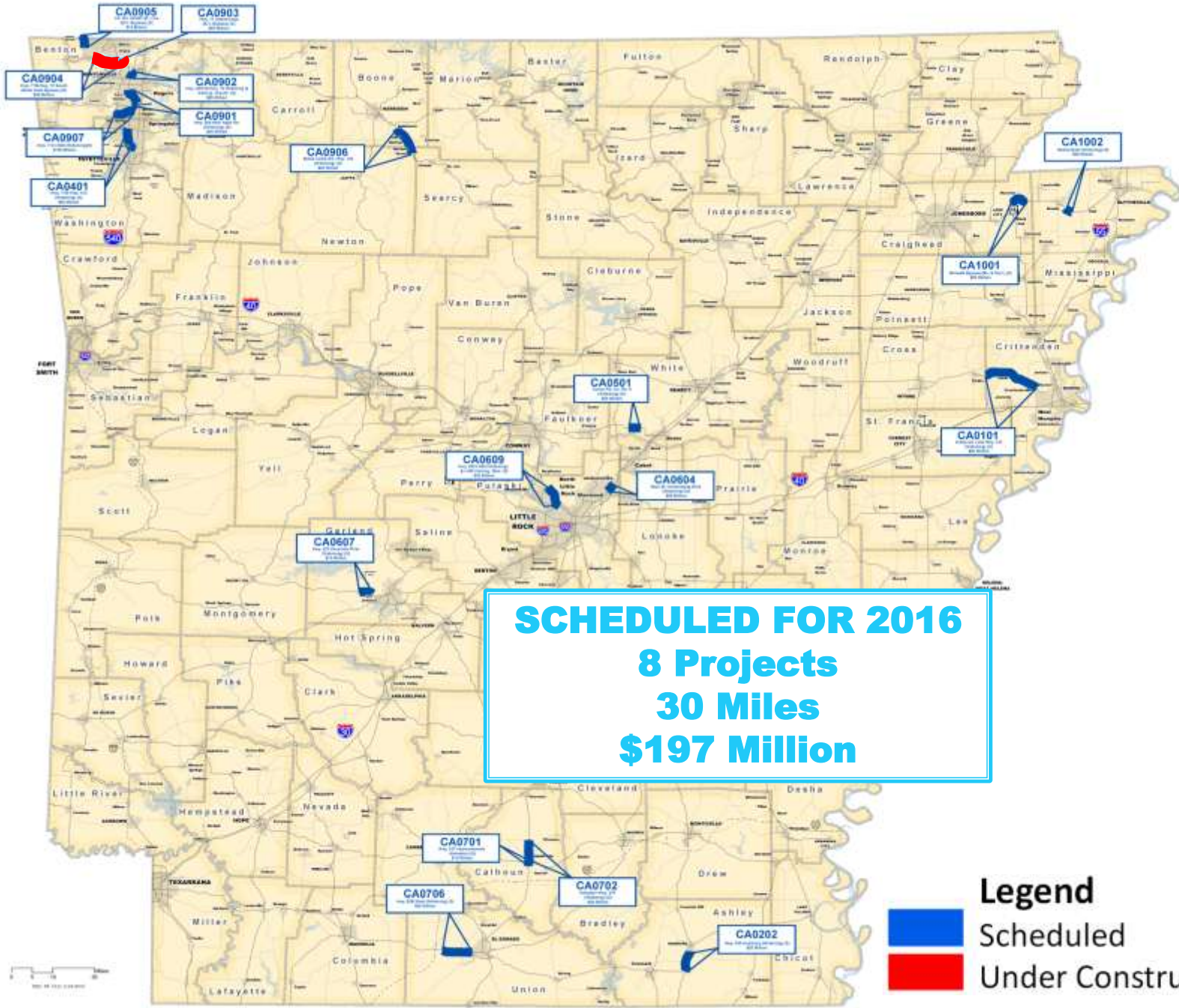


**SCHEDULED FOR 2015**  
**8 Projects**  
**43 Miles**  
**\$237 Million**

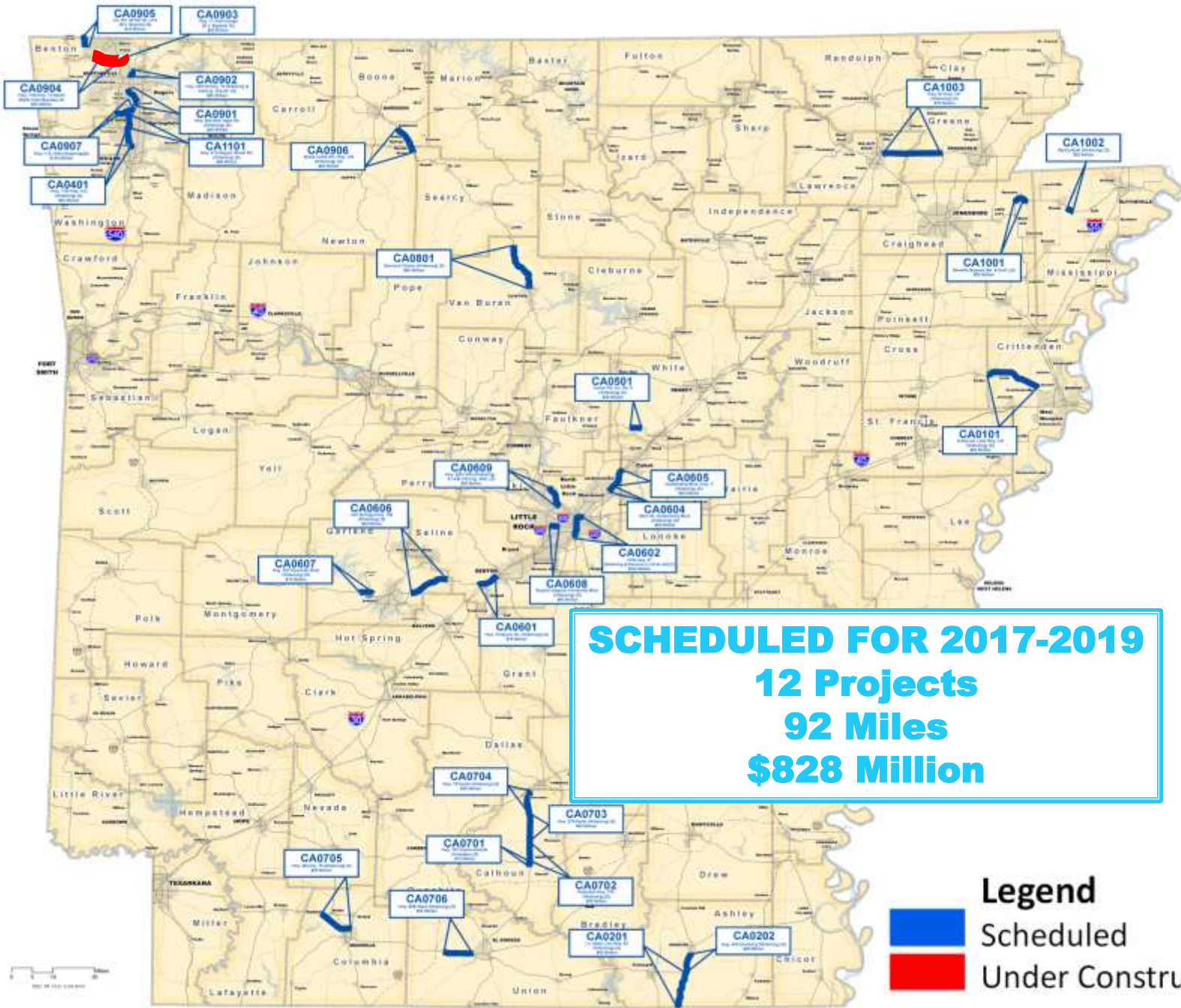
**Legend**  
Scheduled  
Under Construction



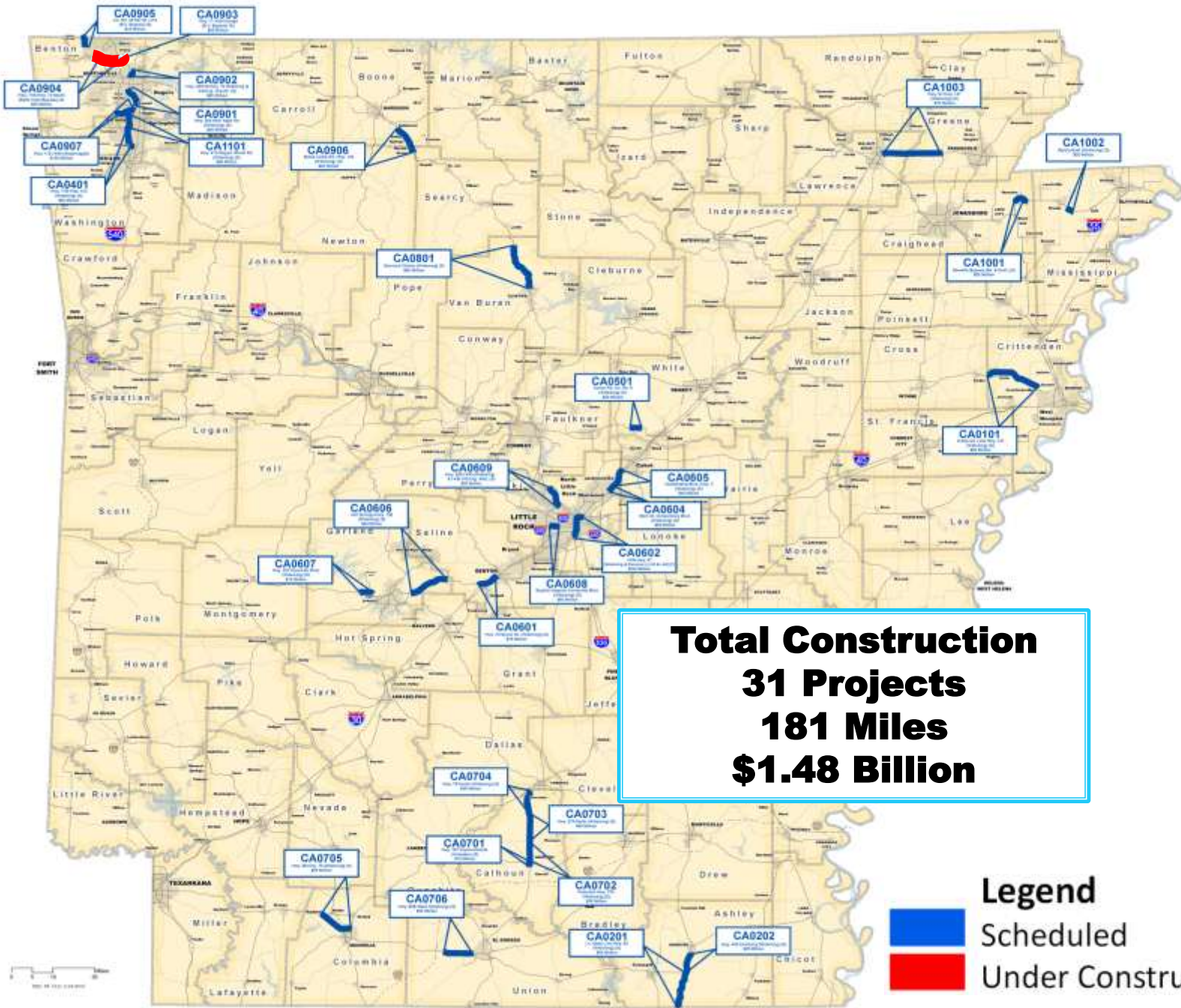














***Turnback Funds***  
**for cities and counties.**







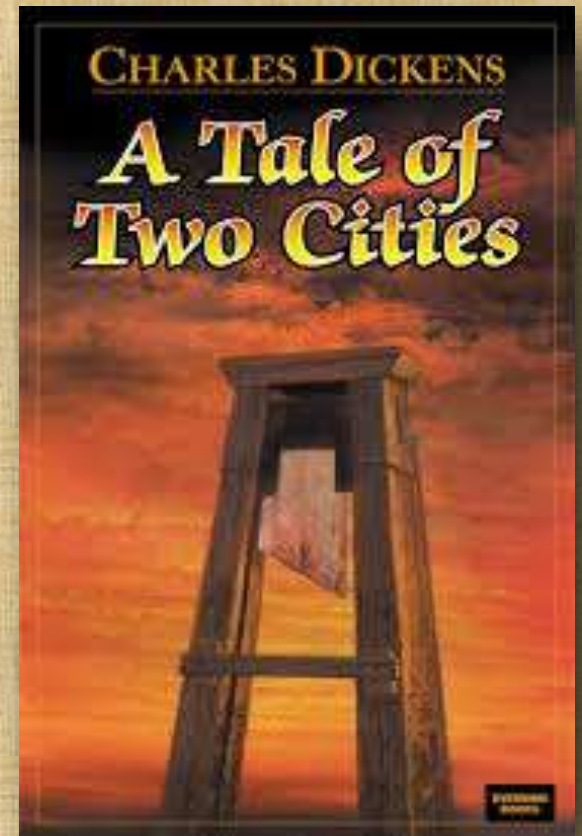
## ***Highway Revenue Division***

**\$700 million for Local Improvements**

- ✓ **\$350 million for *county roads***
- ✓ **\$350 million for *city streets***

***“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
<b>9</b>	<b>United States</b>	<b>6.1</b>
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
<b>25</b>	<b>United States</b>	<b>5.6</b>

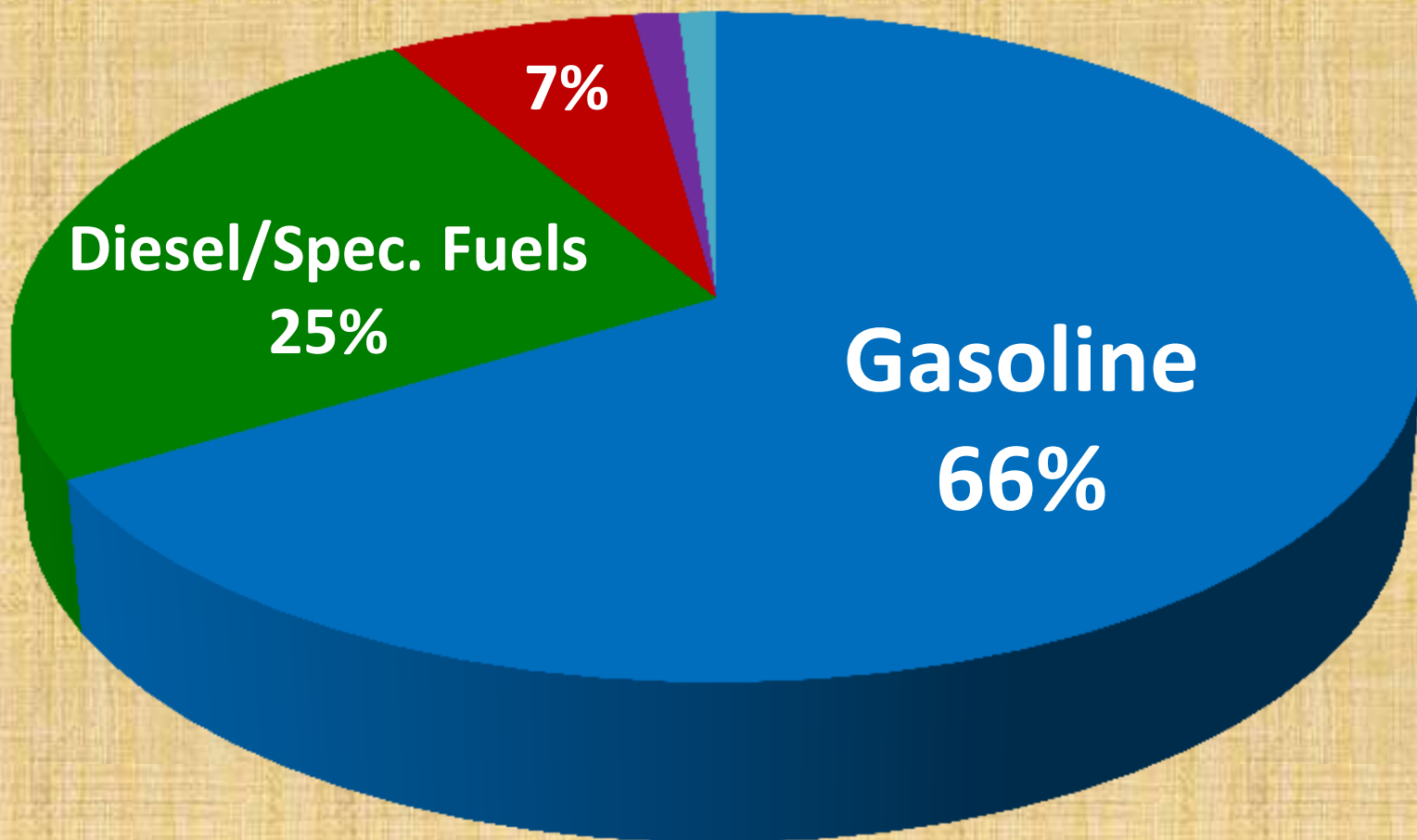


# Federal Highway Trust Fund Tax Receipts

Truck/Bus/Trailer 7%

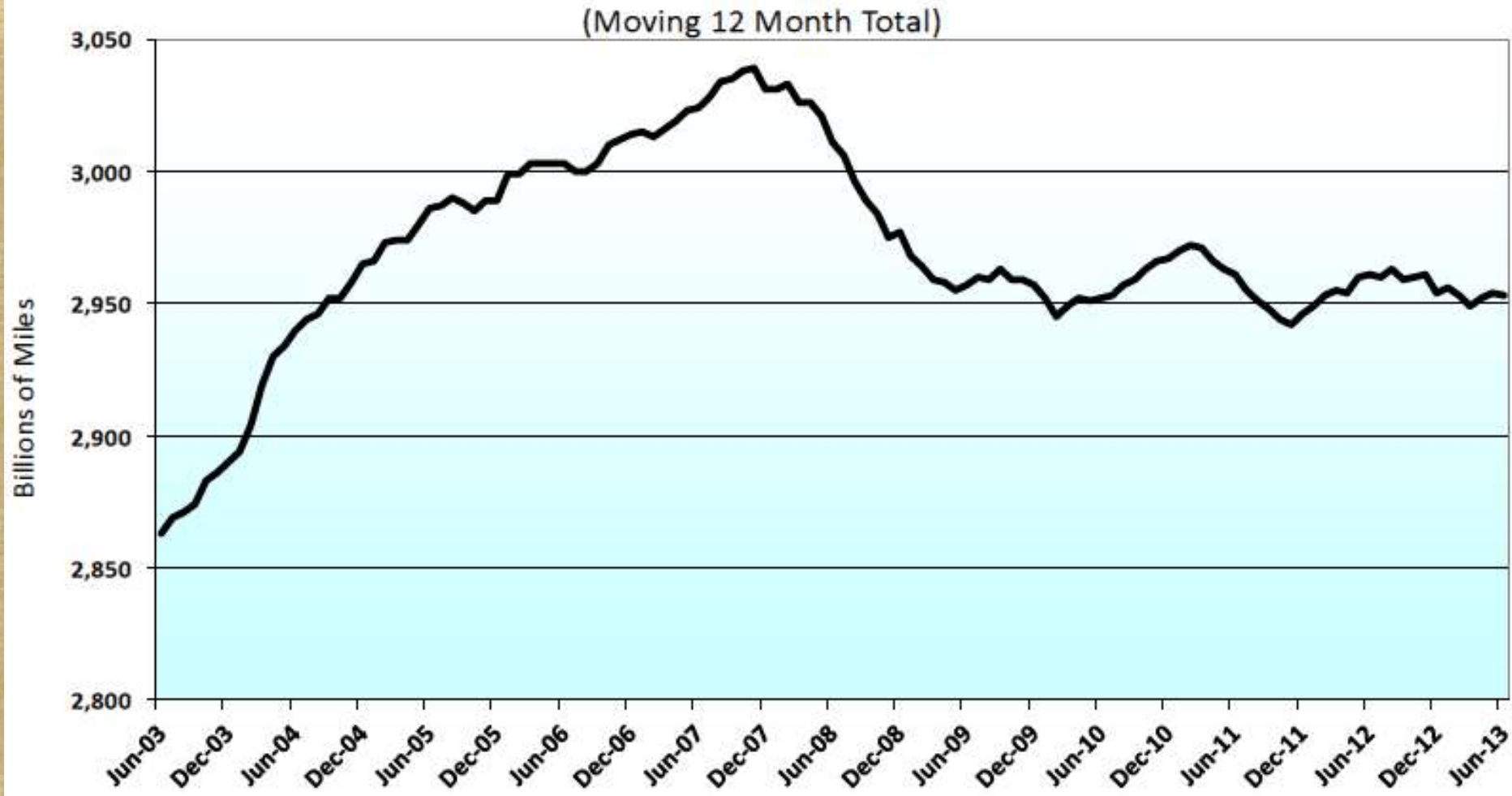
Tires 1.0%

Heavy Vehicle Tax 0.1%



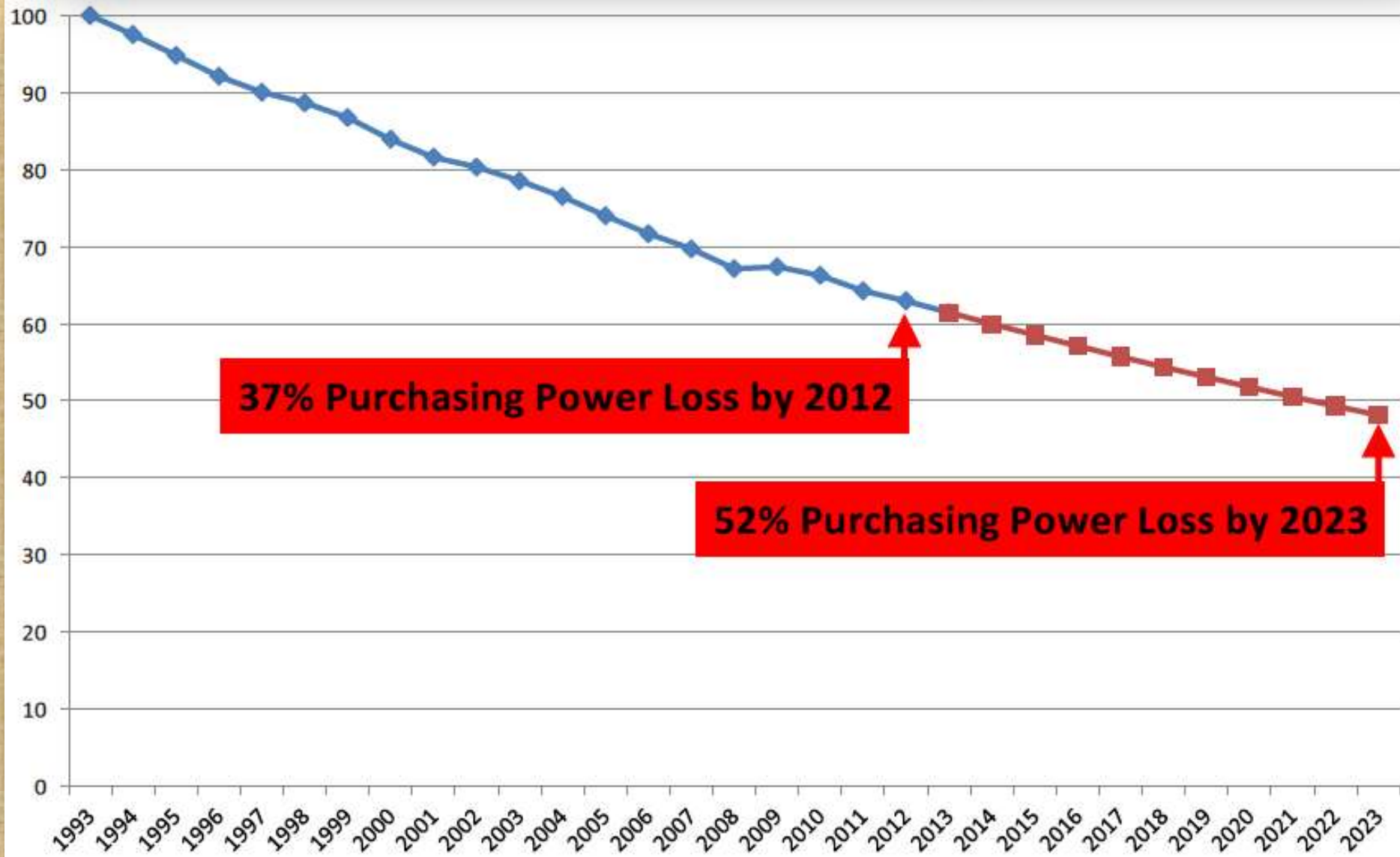
# Federal Highway Trust Fund Headwinds

## Americans Aren't Driving as Much





# Gasoline Tax Purchasing Power



**37% Purchasing Power Loss by 2012**

**52% Purchasing Power Loss by 2023**

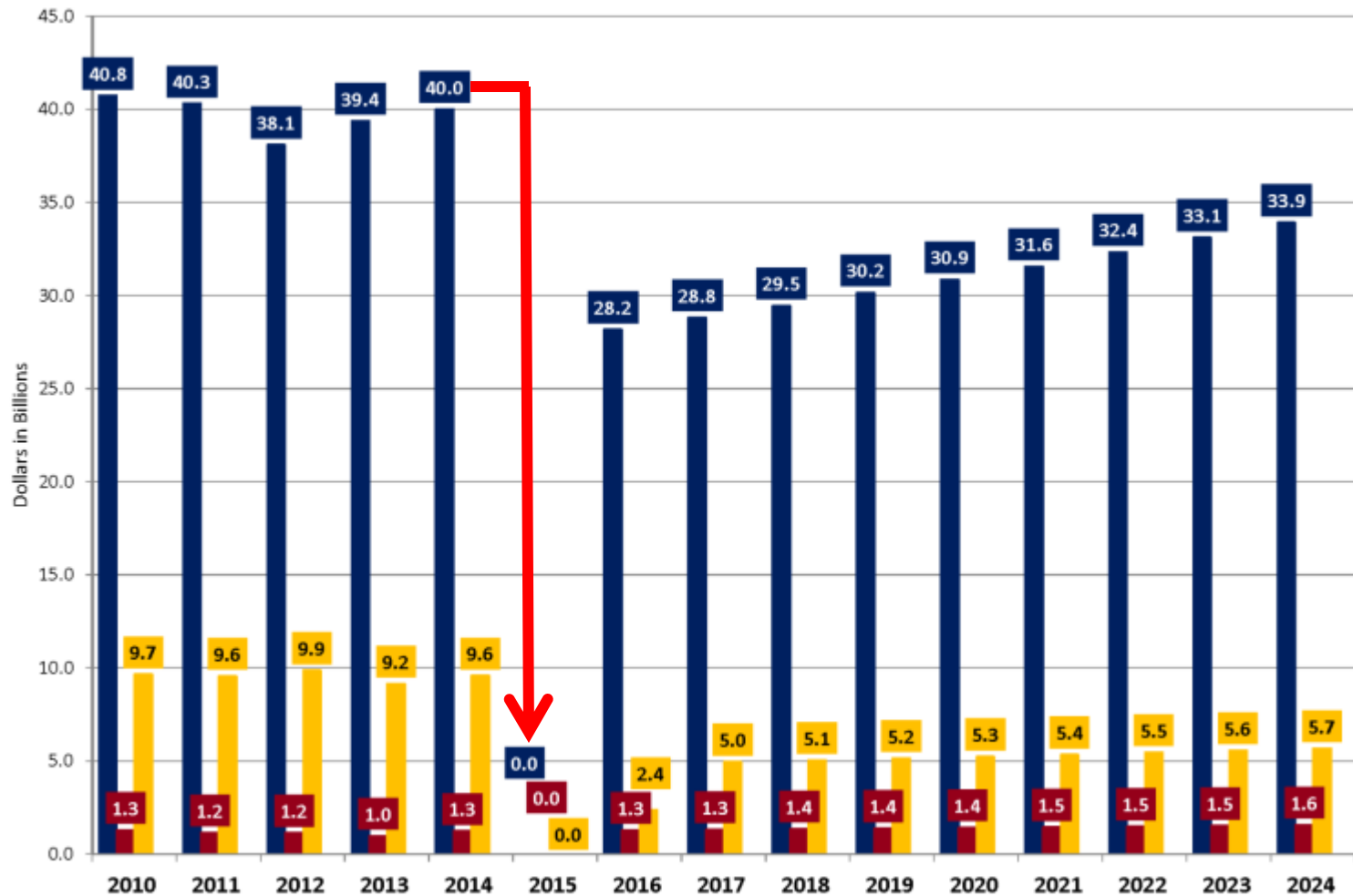
# HIGHWAY TRUST FUND

ESTIMATED FEDERAL HIGHWAY AND TRANSIT OBLIGATIONS WITH NO NET NEW REVENUE

Highway Safety

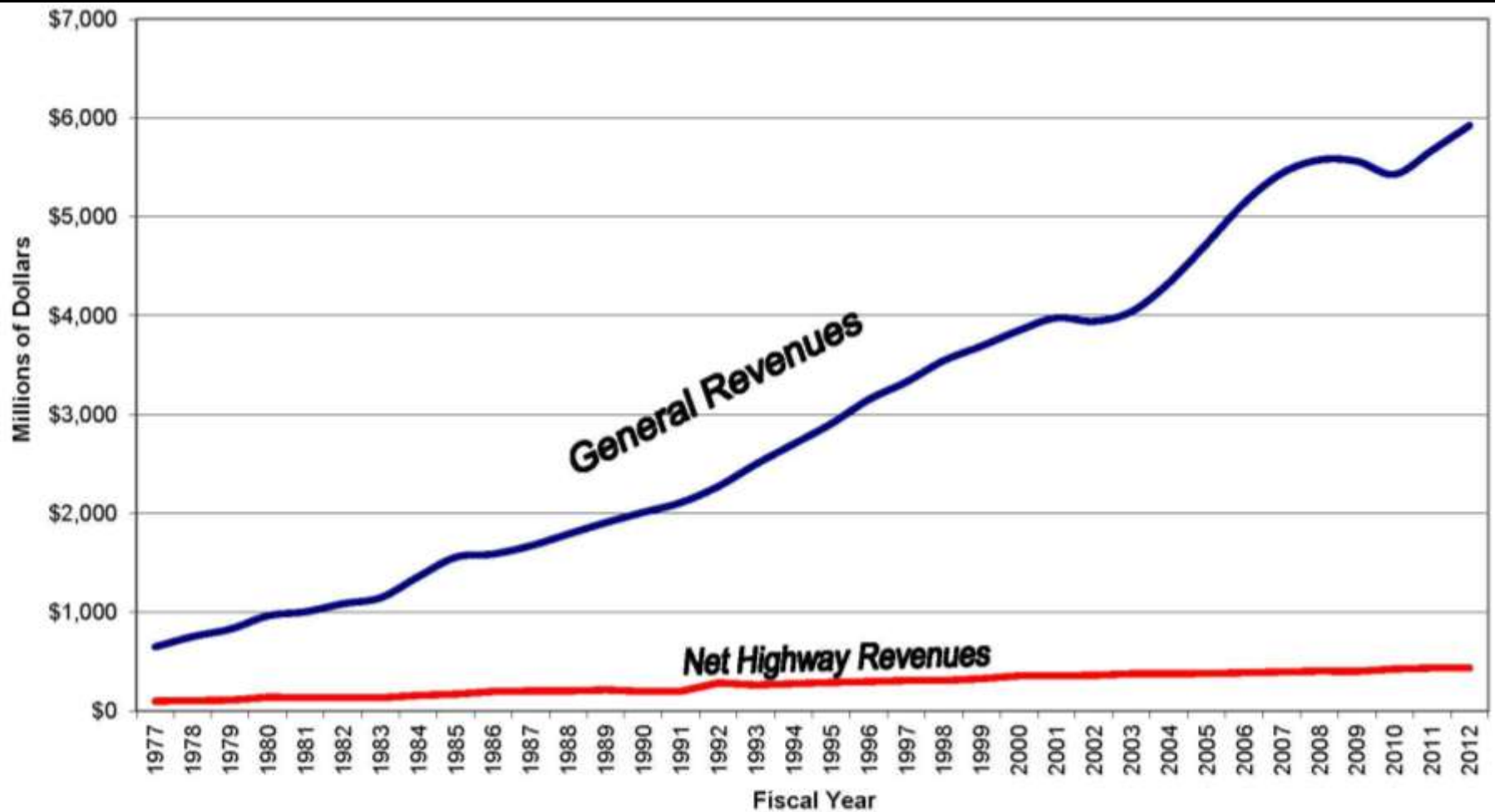
Federal Aid Highway

Transit





# State General Revenues vs. AHTD Net Highway Revenues

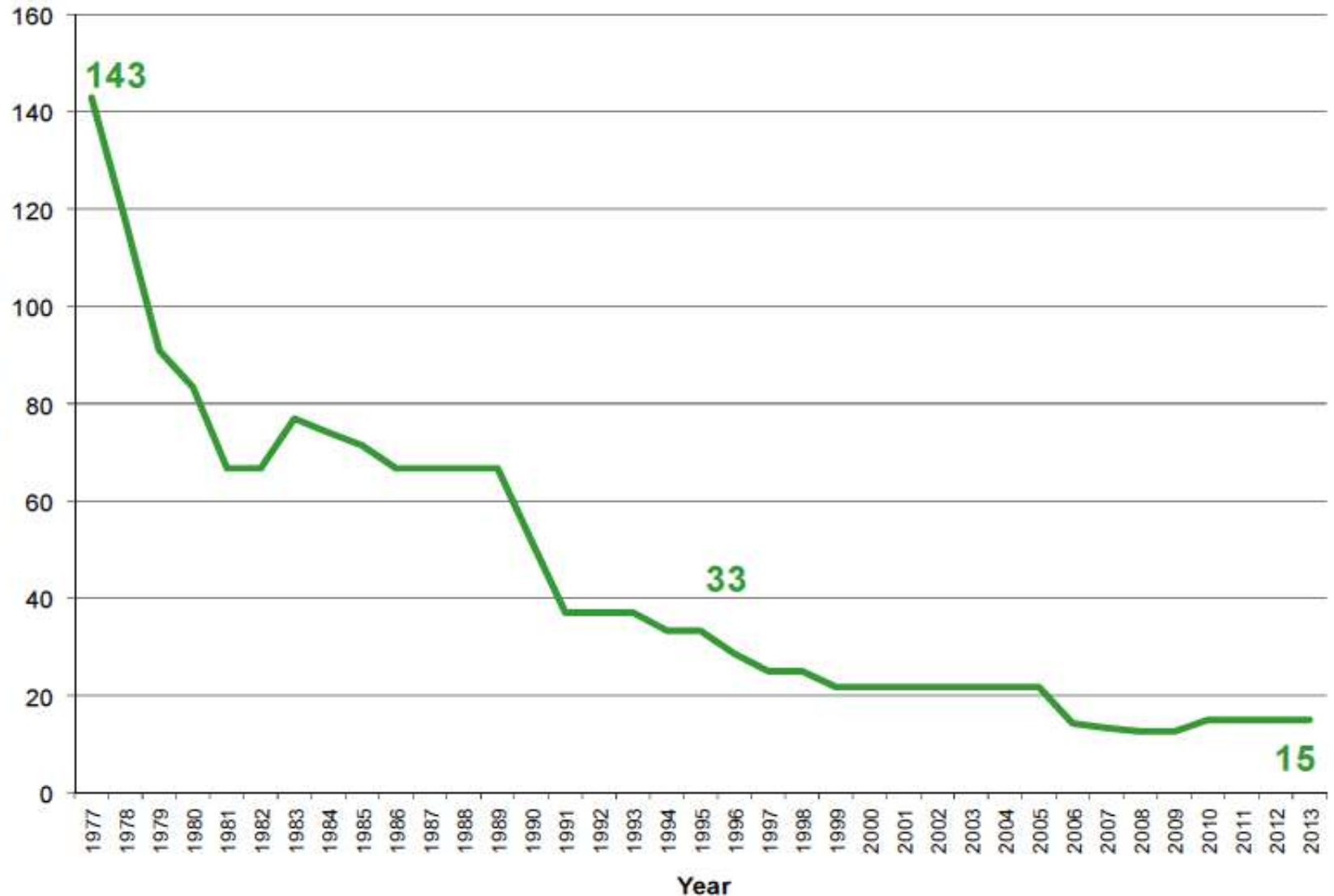


— ARKANSAS STATE GENERAL REVENUES — AHTD NET HIGHWAY REVENUES

# The Shrinking Highway Dollar

## *\$100,000,000 Widening Program*

Miles of Widening  
Rural Highway 2 to 5 lanes

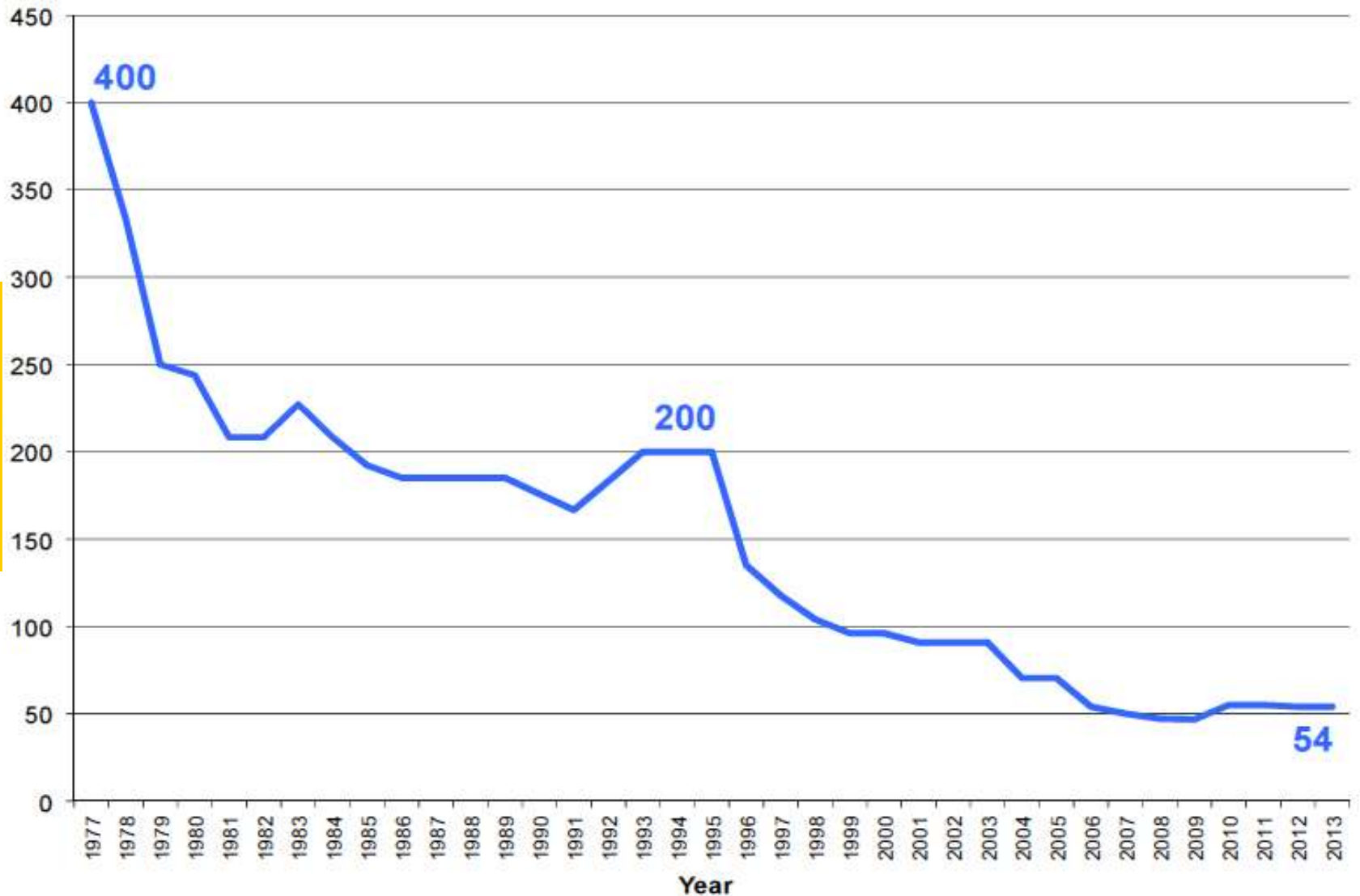




# The Shrinking Highway Dollar

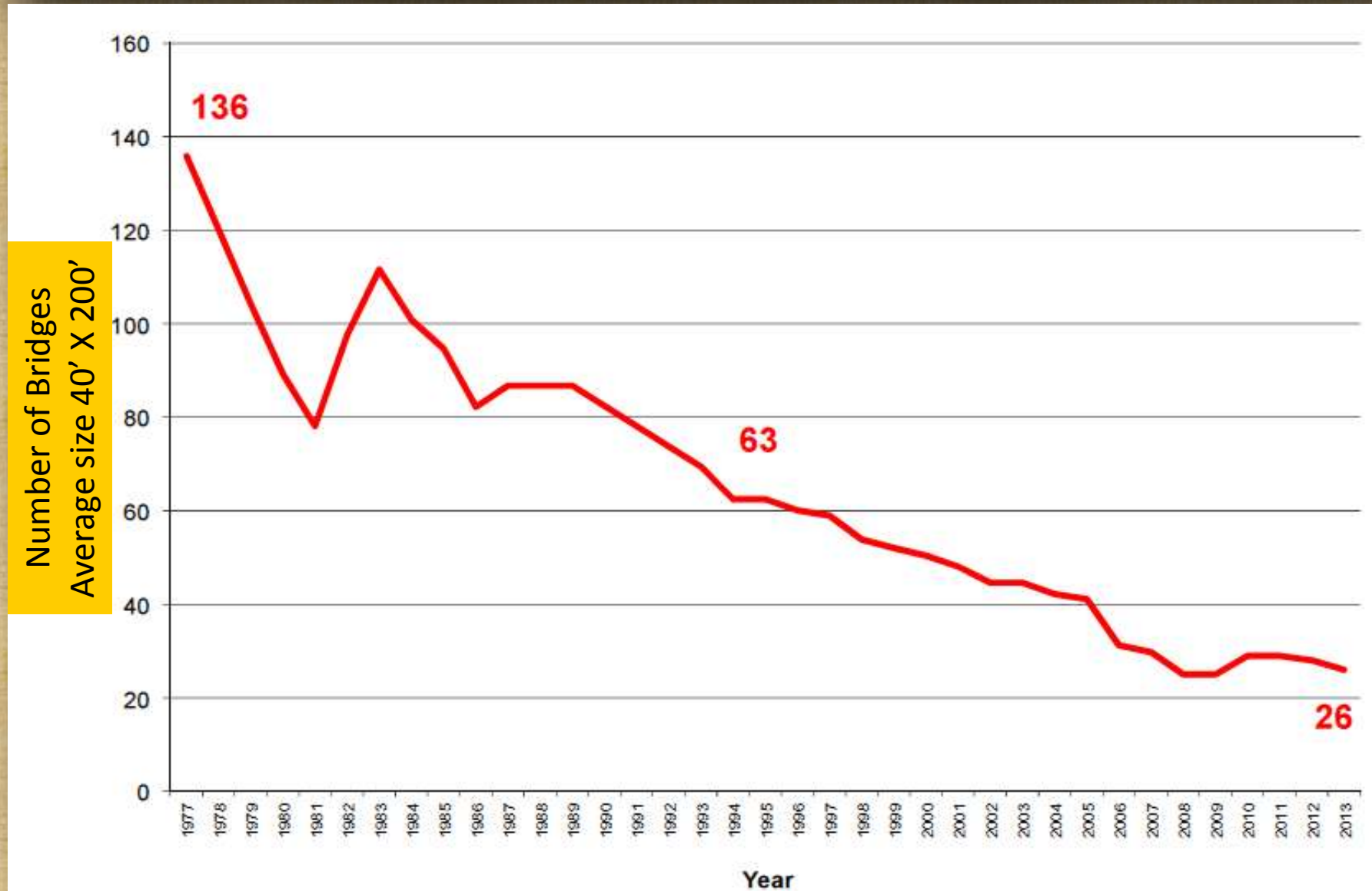
## *\$10,000,000 Overlay Program*

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.

# 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





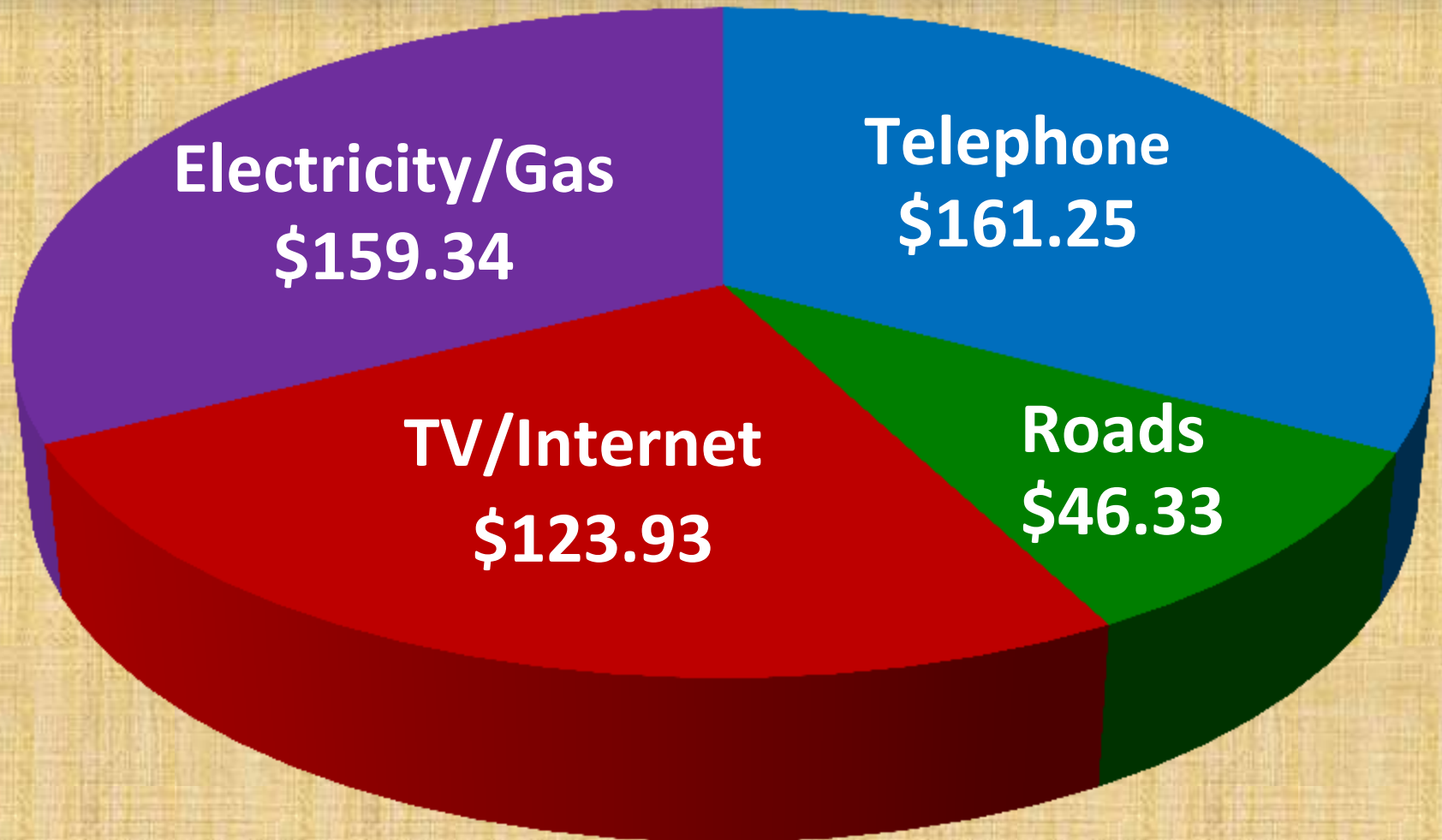
# National Survey: Americans Value Good Roads

88 %

Transportation infrastructure is important to  
maintaining a strong economy



# Average Monthly Household Expenditures





# MAP-21 Reauthorization

<b>Investment Level (2015 – 2020)</b>	<b>Average Investment Amount Per Year</b>	<b>Additional Needed Monthly Per Household</b>
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

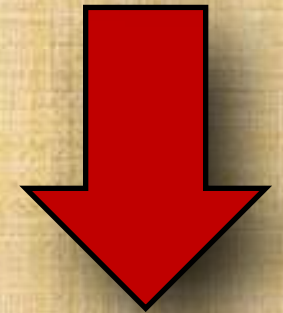




Cost



Revenue

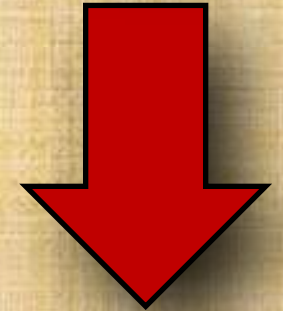




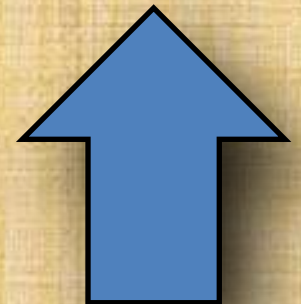
Cost



Revenue



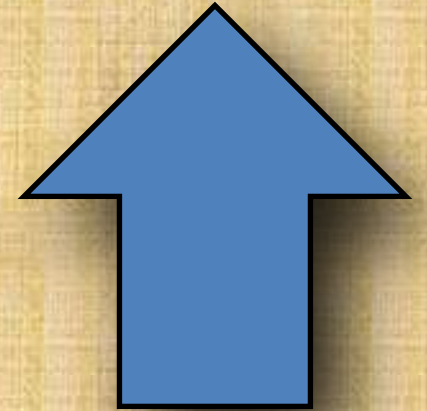
Expectations







Expectations







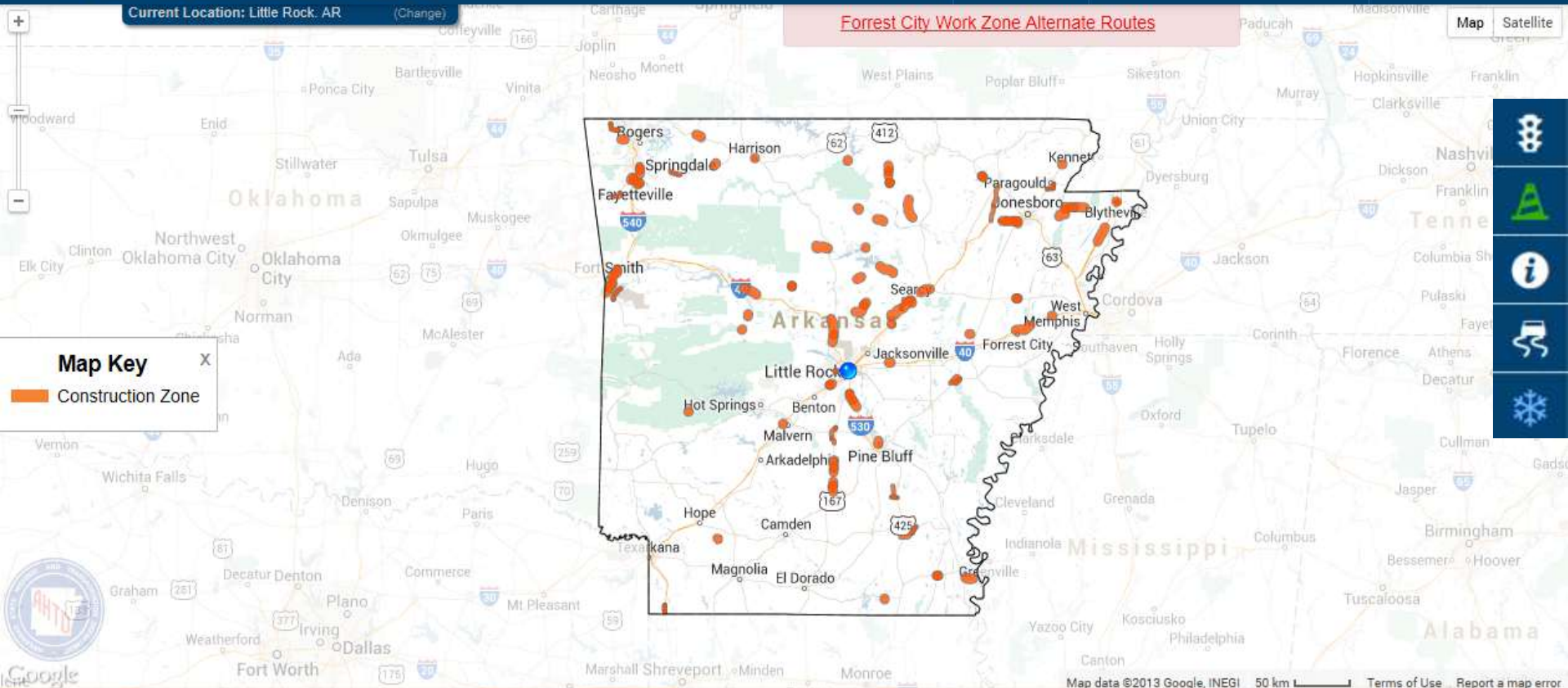
- ✓ **Live Traffic Conditions**
- ✓ **Construction Zones**
- ✓ **Alternate Routes**
- ✓ **Rest Areas**
- ✓ **Welcome Centers**
- ✓ **Park-and-Ride Lots**
- ✓ **Weight Restricted Roads & Bridges**
- ✓ **Weather Radar**
- ✓ **Live Traffic Cameras (Coming Soon)**



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

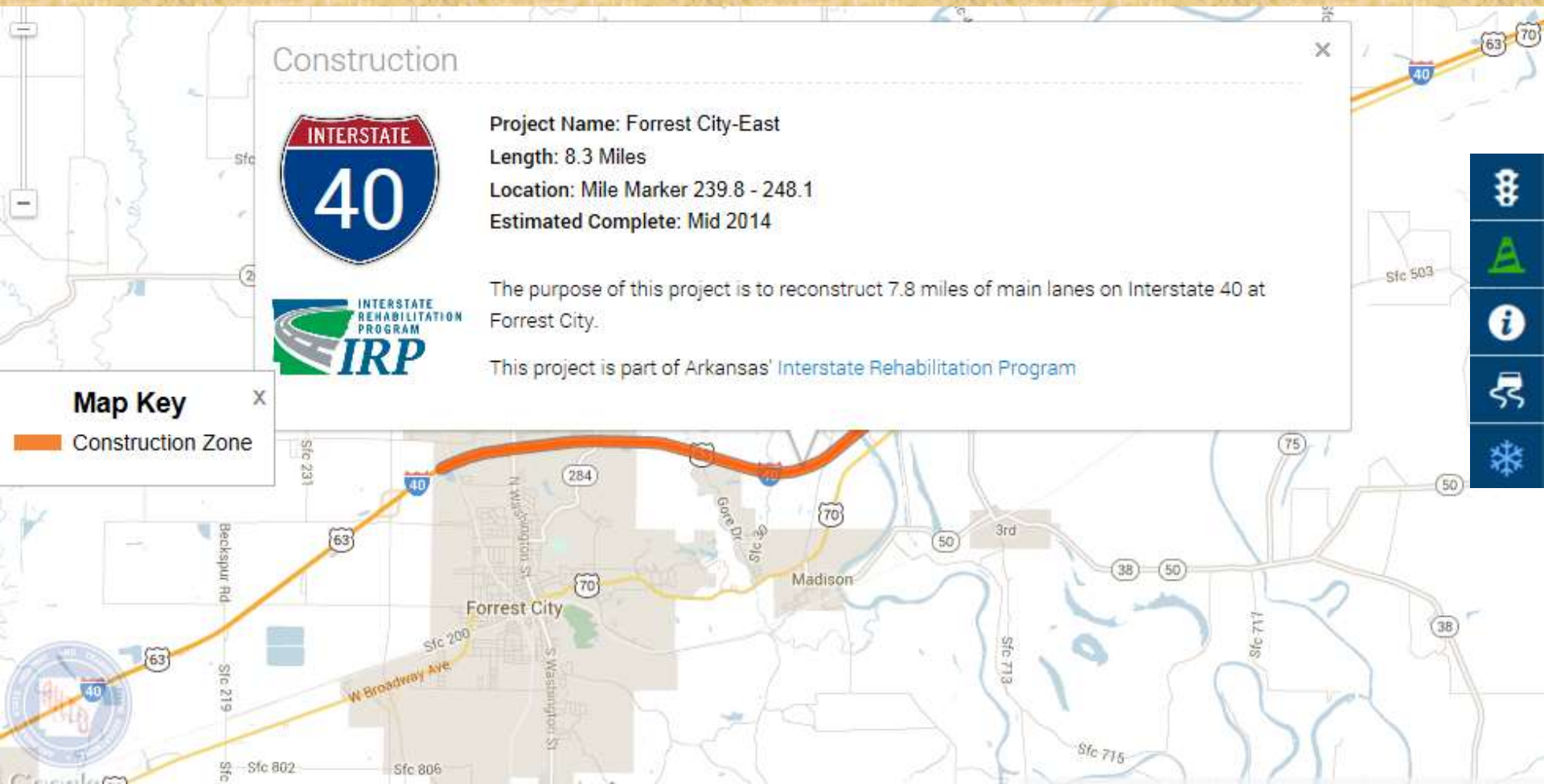


The purpose of this project is to reconstruct 7.8 miles of main lanes on Interstate 40 at Forrest City.

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

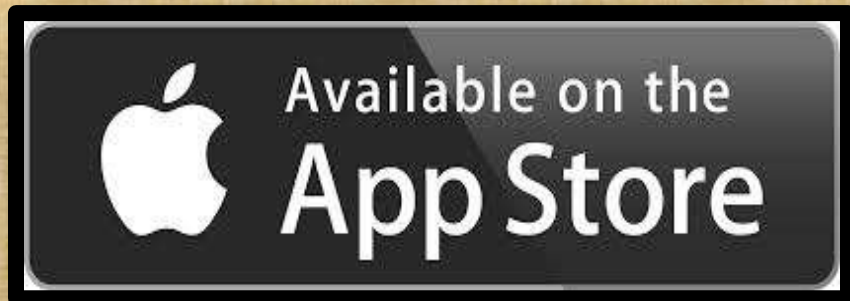
### Map Key

 Construction Zone













[ArkansasHighways.com](http://ArkansasHighways.com)

Litter Hotline 866-811-1222



**@AHTD**

