

# Arkansas State Highway and Transportation Department



**AAPA Quality Asphalt Conference**

Airport Holiday Inn - Little Rock

Thursday, January 9, 2014

# Recent Voter Approved Programs

**November  
2011**



**November  
2012**





# *Update*

- **November 2011**

- ✓ Approved by Arkansas Voters
- ✓ Authority to Issue \$575 M in Bonds
- ✓ Must be Issued by December 31, 2015

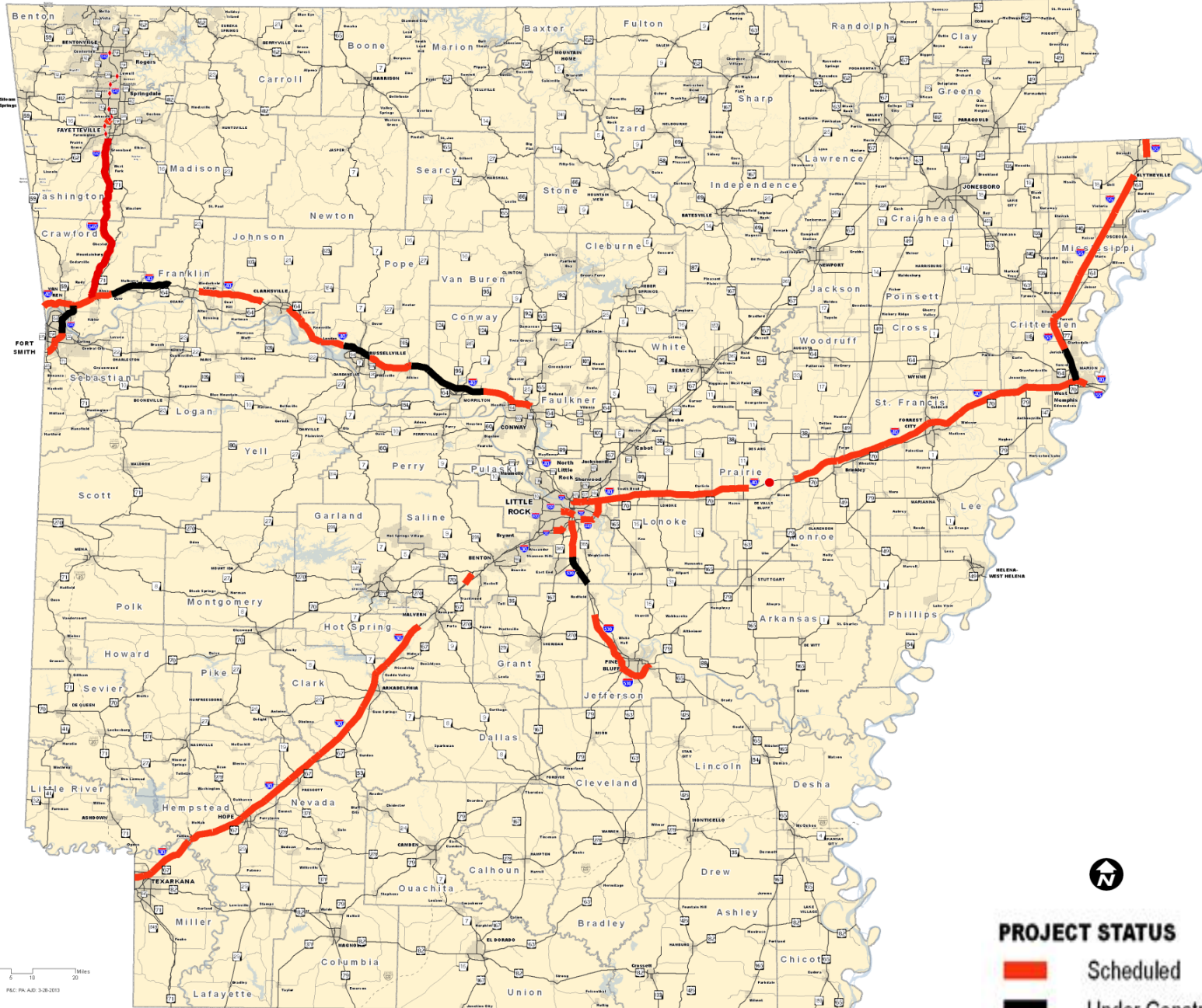
- **September 2012**

- ✓ 1<sup>st</sup> Series of Bonds Offered for Sale
  - Par Value of \$197 M
  - Premium of \$33 M
  - Total Amount of Bond Proceeds Available for Construction - \$230 M

- **October 2013**

- ✓ 2<sup>nd</sup> Series of Bonds Offered for Sale
  - Par Value of \$171 M
  - Premium of \$29 M
  - Total Amount of Bond Proceeds Available for Construction - \$200 M

# Interstate Rehabilitation Program



### PROJECT STATUS

-  Scheduled
-  Under Construction





# Complete Projects

Job	County	Route	Job Name	Length	Amount
BB0109	Crittenden	I-55	I-40 - Jericho	8	\$7.7 million
BB0403	Crawford / Franklin	I-40	Dyer – Cravens Creek	14	\$9.1 million
BB0806	Pope / Conway	I-40	Atkins - Plumerville	19	\$12.3 million
<b>Total for 2014</b>				<b>41</b>	<b>\$29 million</b>



# Under Construction

Job	County	Route	Job Name	Length	Amount
BB0105	St. Francis	I-40	Forrest City - East	8	\$52 million
BB0407	Sebastian/Crawford	I-540	Hwy 22 – I-40	8	\$79 million
BB0614	Pulaski/Saline	I-530	Bingham Rd – Grant Co	8	\$14 million
BB0804	Pope	I-40	Mill Creek – Hwy 331	7	\$42 million
BB0108	Crittenden	I-40	Hwy 77 – I-55	2	\$32 million
BB1003	Mississippi	I-55	Hwy. 181 – Hwy. 158	8	\$29 million
BB0412	Washington	I-540	Johnson Mill Blvd. Interchange	0	\$2 million
<b>Total for 2014</b>				<b>41</b>	<b>\$250 million</b>

# 2014 Scheduled IRP Projects

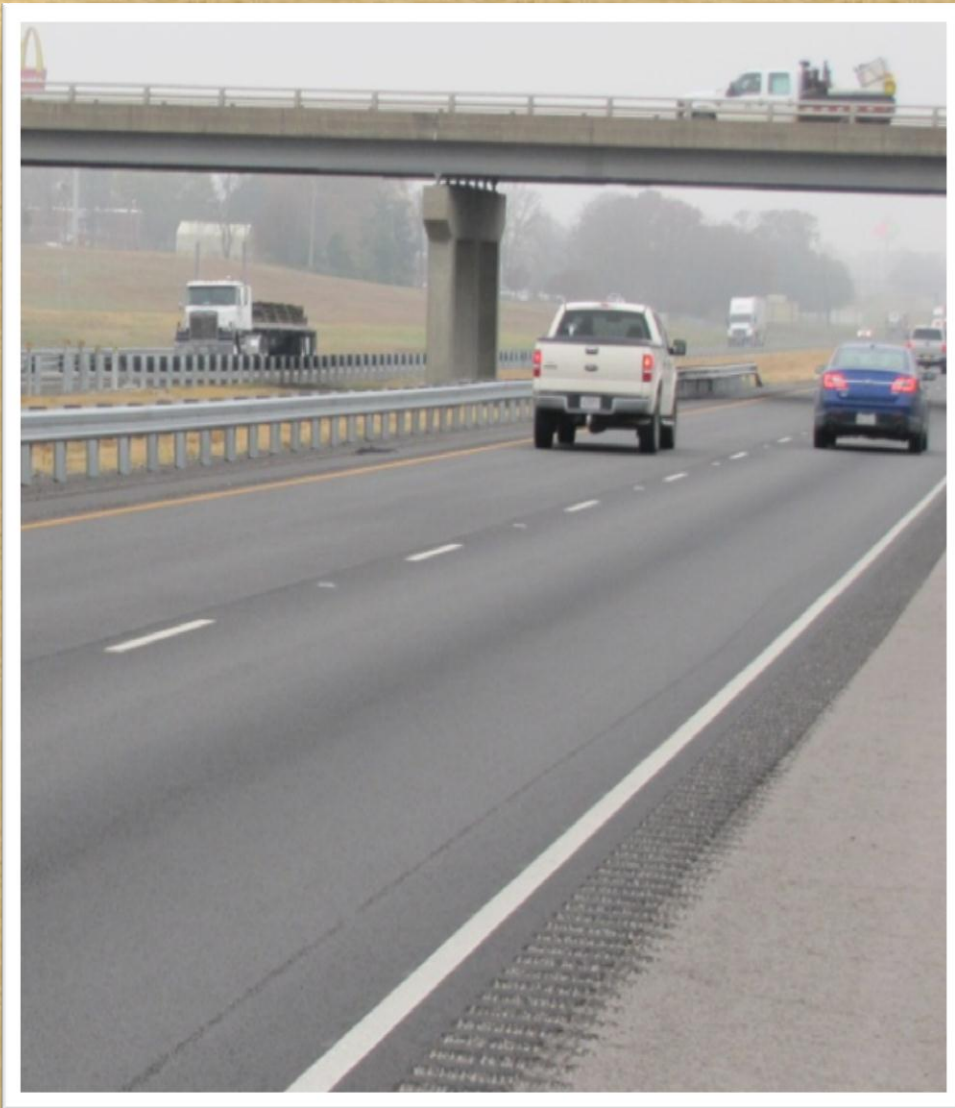
Job	County	Route	Job Name	Length	Amount
BB0101	Monroe	I-40	Cache River-Bayou DeView	4	\$19 million
BB0104	St. Francis	I-40	Goodwin-Forrest City	12	\$12 million
BB0106	St. Francis	I-40	Shearerville- West	17	\$83 million
BB0110	Crittenden	I-55	Jericho-Lake David	8	\$7 million
BB0303	Miller	I-30	Red River – East & West	2	\$18 million
BB0306	Hempstead	I-30	Sheppard-Hwy 278	7	\$20 million
BB0410	Washington	I-540	Hwy 62 Interchange	0	\$25 million
BB0411	Washington	I-540	Hwy 16/112 Spur Interchange	0	\$19 million
BBO413	Washington	I-540	Elm Springs Rd. Interchange	0	\$4 million
BB0613	Pulaski	I-530	I-30 – Bingham Rd.	9	\$40 million
BB0702	Clark	I-30	Hwy 26 – Caddo River	8	\$8 million
BB0803	Johnson/Pope	I-40	Hwy. 64 – Mill Creek	13	\$12 million
BB0805	Pope	I-40	Hwy 331 – Atkins	11	\$10 million
BB0901	Benton	I-540	Wagon Wheel Rd. Interchange	0	\$2 million
BB0902	Benton	I-540	Hwy 264 Interchange	0	\$5 million
BB1006	Mississippi	I-55	No. of Hwy 18 – MO St. Line	4	\$18 million
BB1103	Franklin/Johnson	I-40	Ozark – Hwy 164	11	\$7 million
<b>Total for 2014</b>				<b>106</b>	<b>\$309 million</b>



# *Update*

Status	Number of Projects	Length	Amount
Complete	3	41	\$29 million
Under Construction	5	38	\$216 million
Scheduled through 2014	19	107	\$343 million
<b>Sub-Total</b>	<b>27</b>	<b>186</b>	<b>\$588 million</b>
<b>Remaining through 2022</b>	<b>47</b>	<b>263</b>	<b>\$625 million</b>
<b>TOTAL</b>	<b>74</b>	<b>449</b>	<b>\$1.213 million</b>





**Pope and Conway Counties  
Atkins to Plumerville  
18.6 miles  
\$12.4 million  
Substantially Complete**



# *Update*

- **November 2012**

- ✓ Approved by Arkansas Voters
- ✓ Authority to Issue up to \$1.3 Billion in Bonds
- ✓ Capacity Improvements to 19 Corridors

- **September 2013**

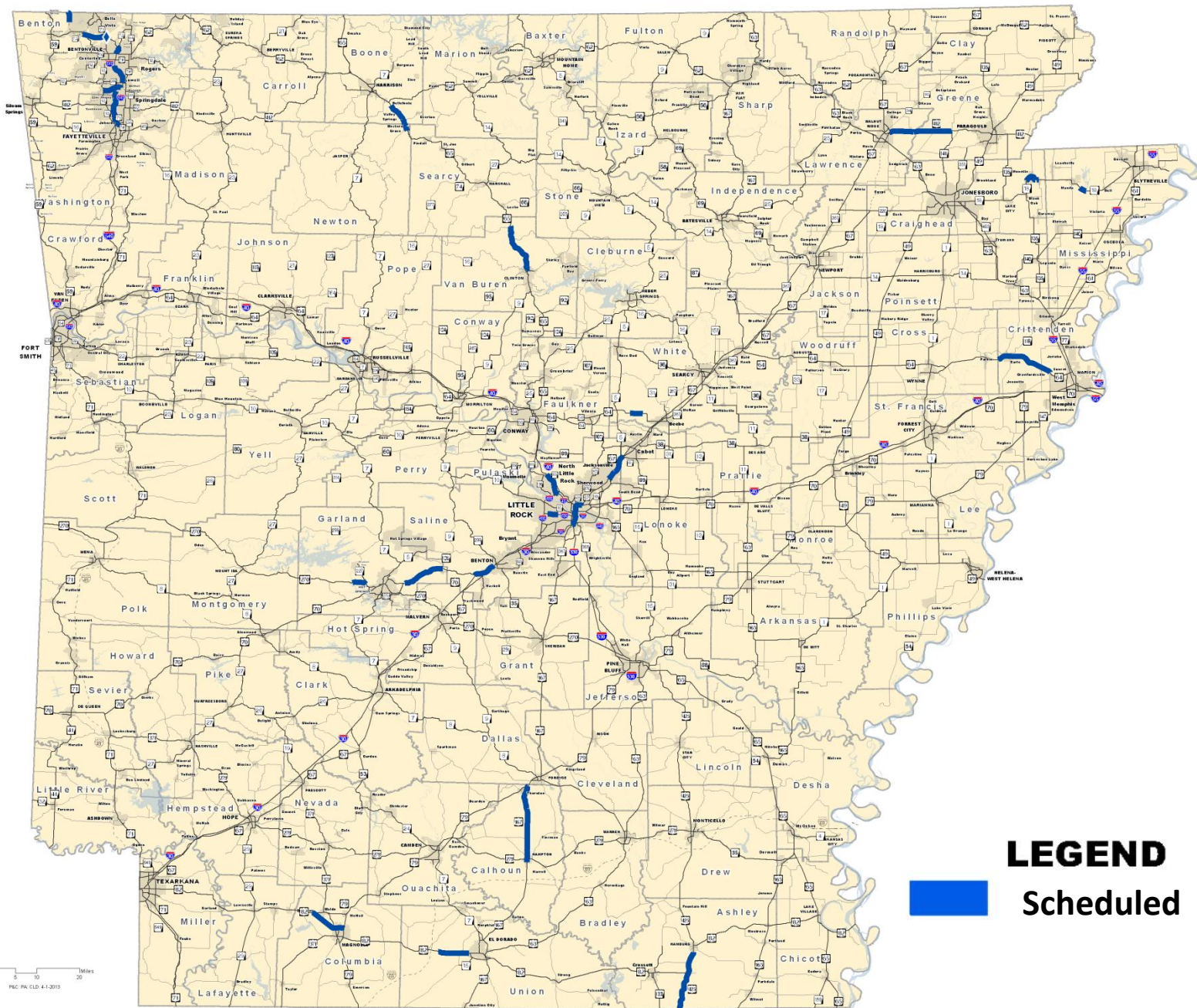
- ✓ 1st Series of Bonds Offered for Sale
  - Par Value of \$469 M
  - Premium of \$25 M
  - Total Amount of Bond Proceeds Available for Construction - \$494 M

- **Progress to Date**

- ✓ Notice to Proceed Issued to Program Manager – April 1, 2013
- ✓ Design is Underway on 19 of 31 Projects
- ✓ Delivery Strategy for I-30 Widening Project – Design/Build to a Budget
- ✓ CAP Website Launched – September 2011

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

# Connecting Arkansas Program



**LEGEND**  
Scheduled





# Scheduled Projects

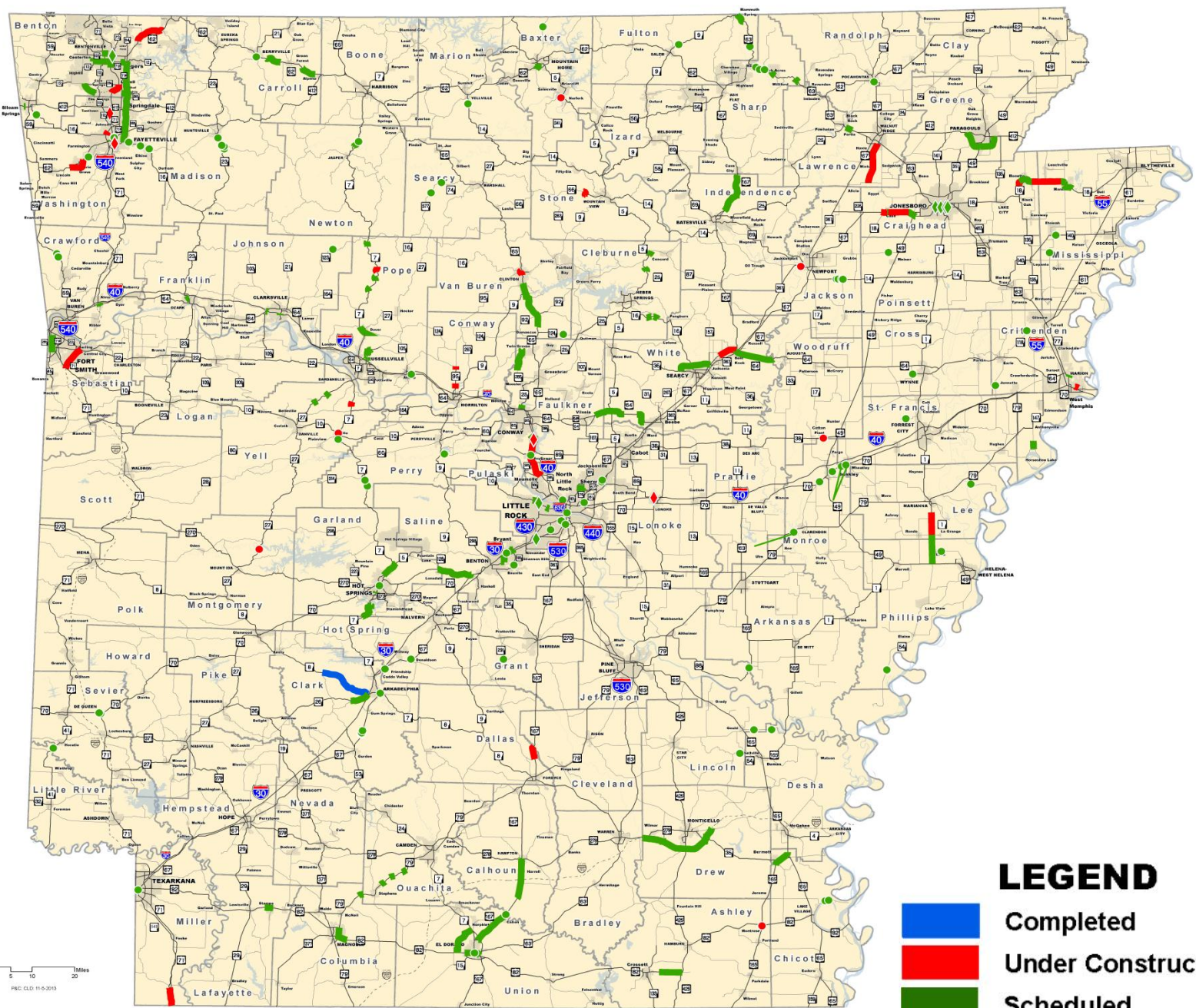
Job	County	Route	Job Name	Length	Amount
CA0609	Pulaski	I-40	Hwy 365 – I-430 Widen I-430 Interchange	6	\$20 million
CA0904	Benton	Hwy 71	Hwy 71B – Hwy 72 South (Bella Vista Bypass)	4	\$30 million
CA0907	Benton	Hwy 412	Hwy 112 – I-540	4	\$125 million
<b>Total for 2014</b>				<b>14</b>	<b>\$175 million</b>

Year	Projects	Length	Amount
2015	9	47	\$345 million
2016	8	31	\$200 million
2017-2019	11	87	\$740 million



# Statewide Transportation Improvement Program

2013-2016

Job Status



## LEGEND

-  Completed
-  Under Construction
-  Scheduled

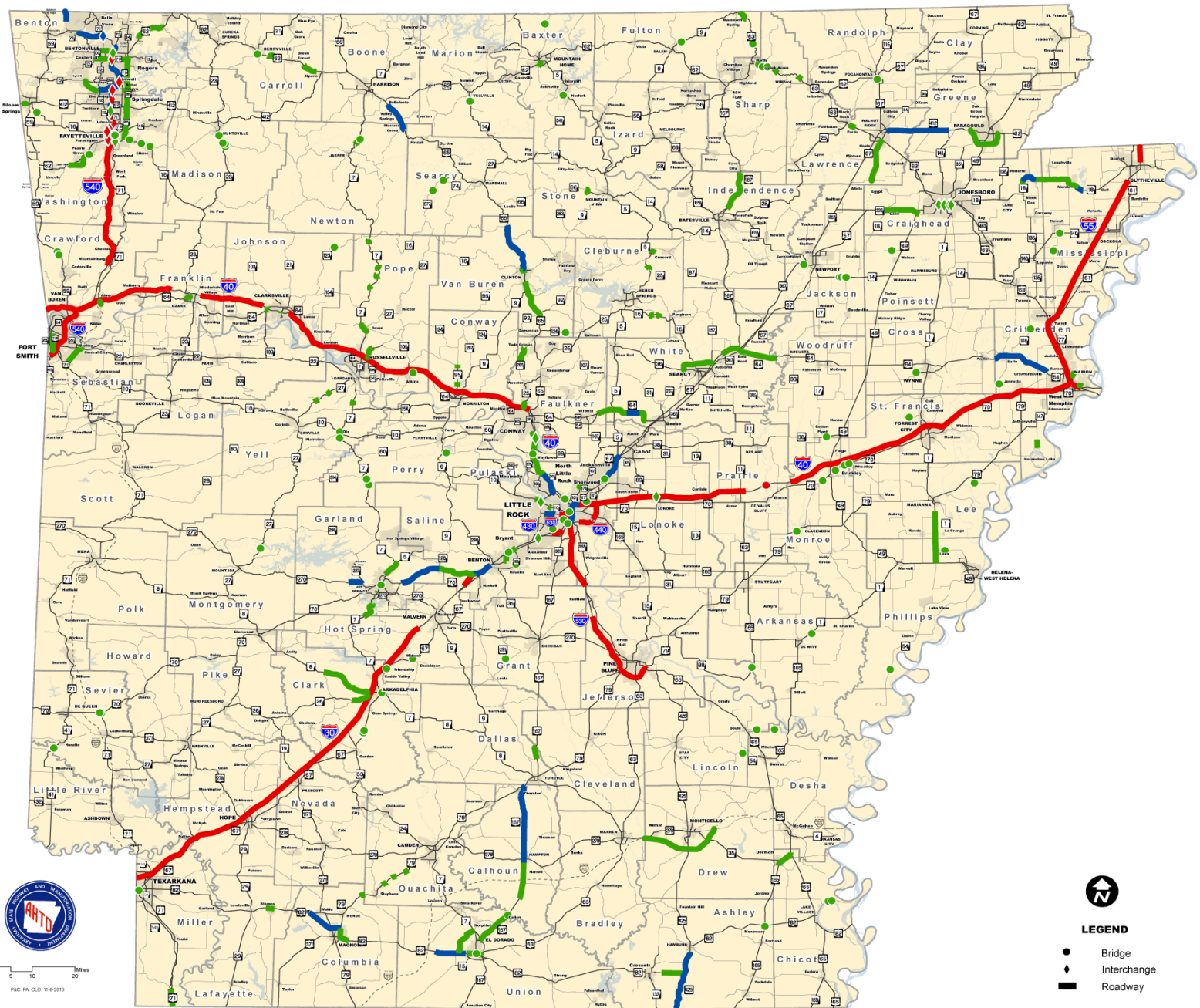


0 5 10 20 Miles  
FISC. CLD. 11-5-2013

# Connecting Arkansas Program

## Interstate Rehabilitation Improvement Program

### Statewide Transportation Improvement Program



# 2014 Overlay Program

**\$50 million**

*Scheduled: February & April*

- ✓ **More than 50 projects**
- ✓ **Over 200 miles**

# Fayetteville Shale Program

**\$30 - \$40 million Rehabilitation**

*Scheduled: April & June*

**Approximately \$30 million**

Bridge Replacement

Improve Weight Restricted Routes



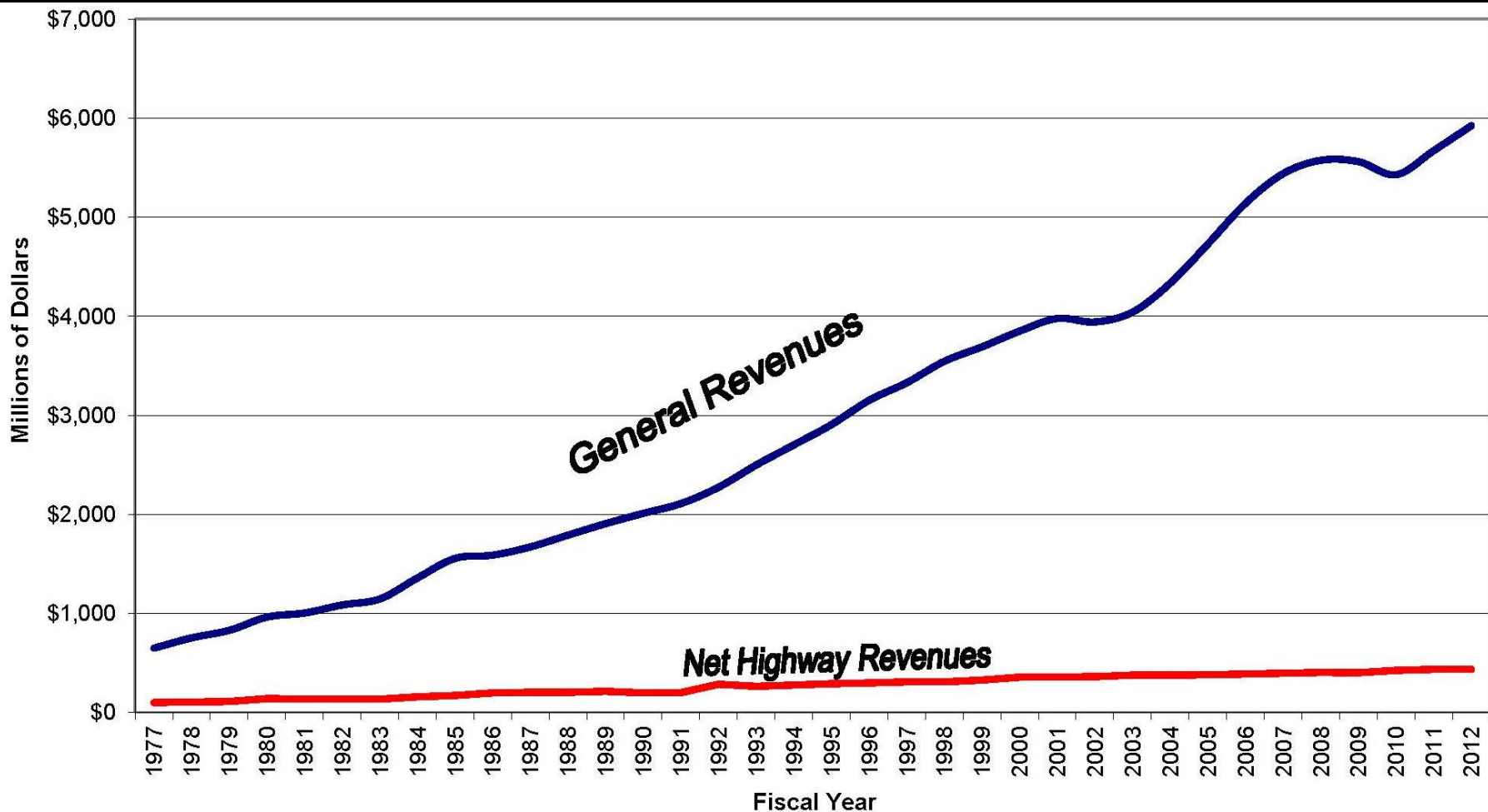


We're being asked to  
do more with less...



We can only do less  
with /ess.

# State General Revenues vs. AHTD Net Highway Revenues

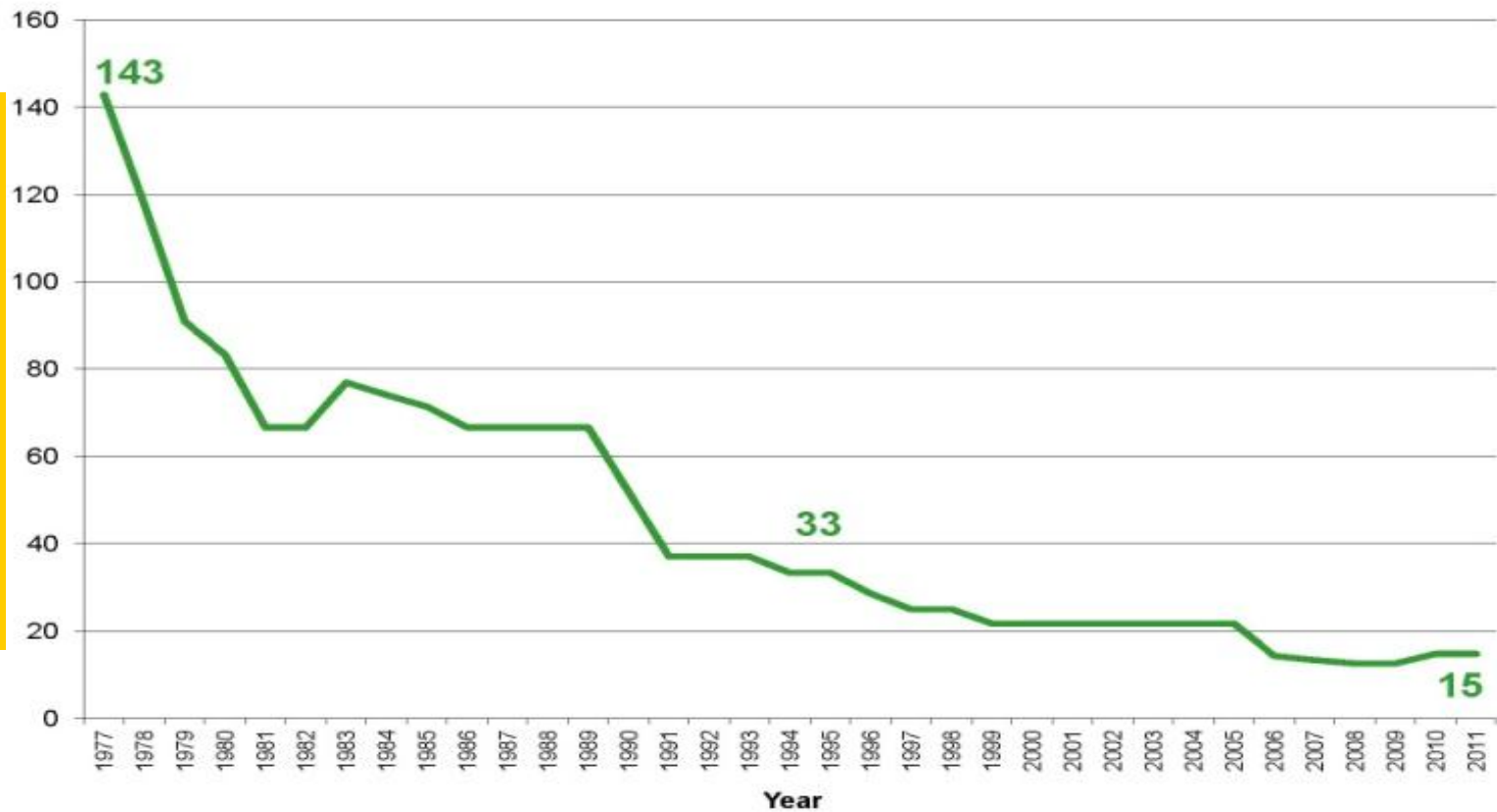


— ARKANSAS STATE GENERAL REVENUES — AHTD NET HIGHWAY REVENUES

# AHTD Challenges

## \$100,000,000 Widening Program

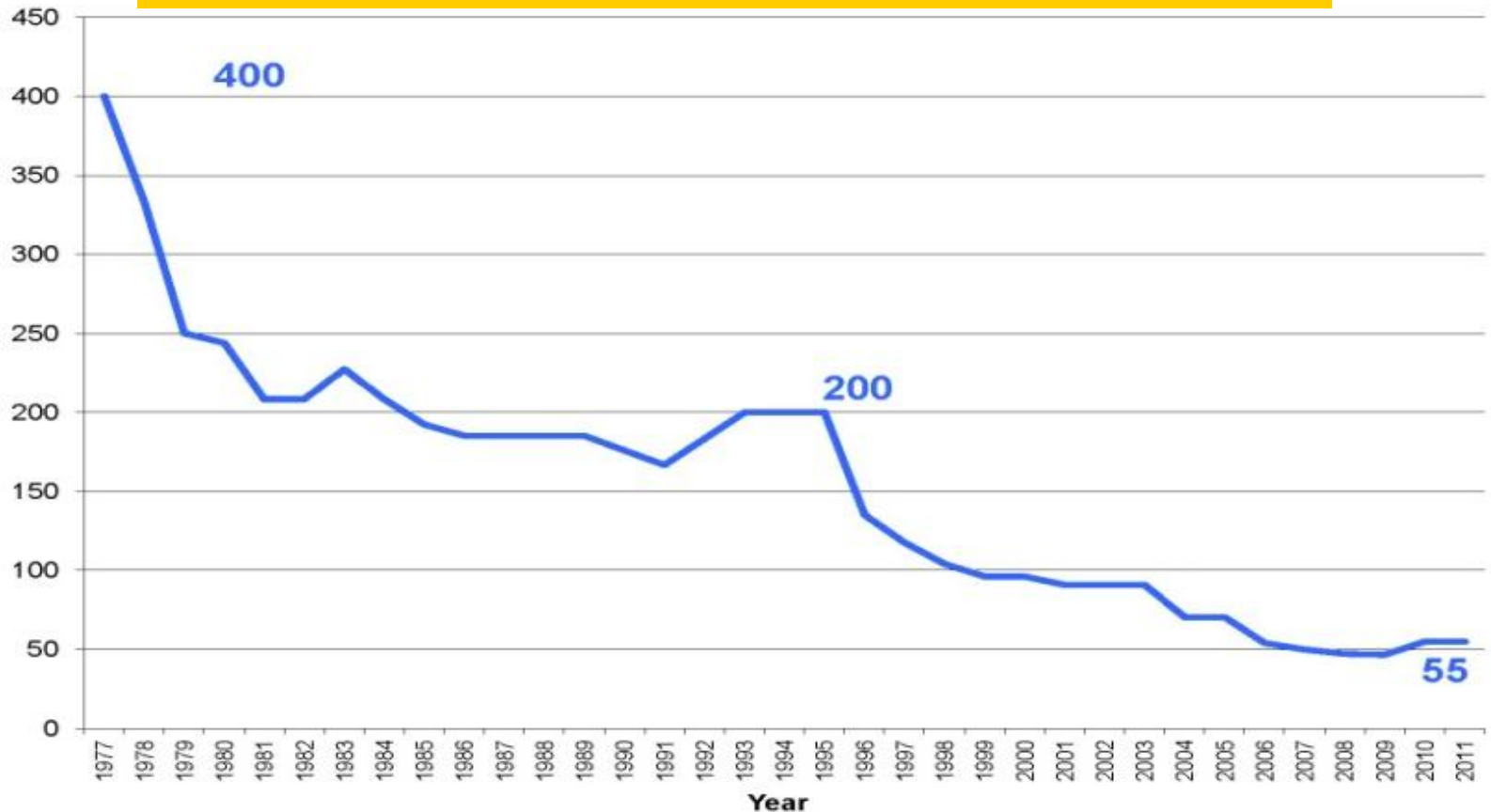
Miles of Widening  
Rural Highway 2 to 5 lanes



# AHTD Challenges

## \$10,000,000 Overlay Program

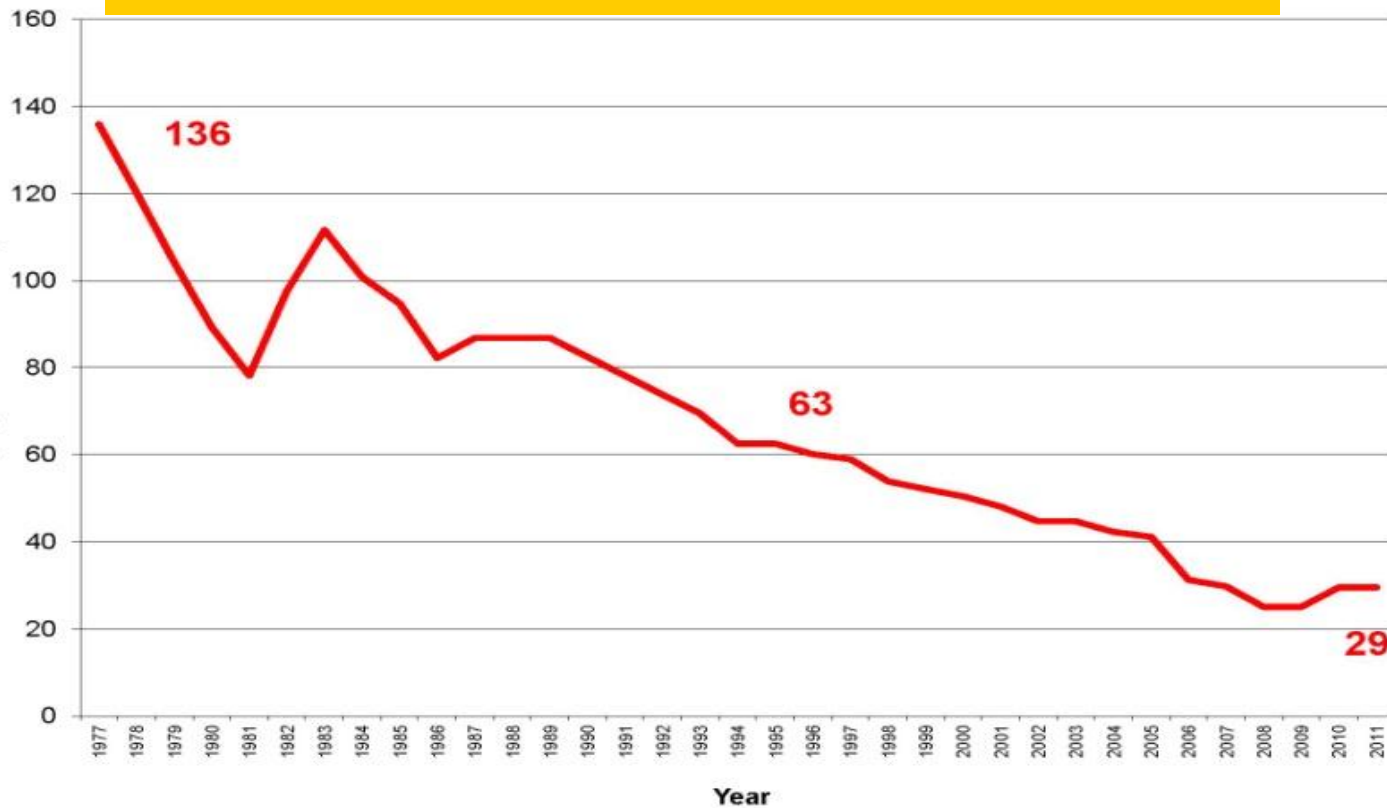
Miles of Overlay  
2 lanes




# AHTD Challenges


## \$25,000,000 Bridge Program

Number of Bridges  
Average size 40' X 200'



# 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.

# December 2013 Revenues and Consumption

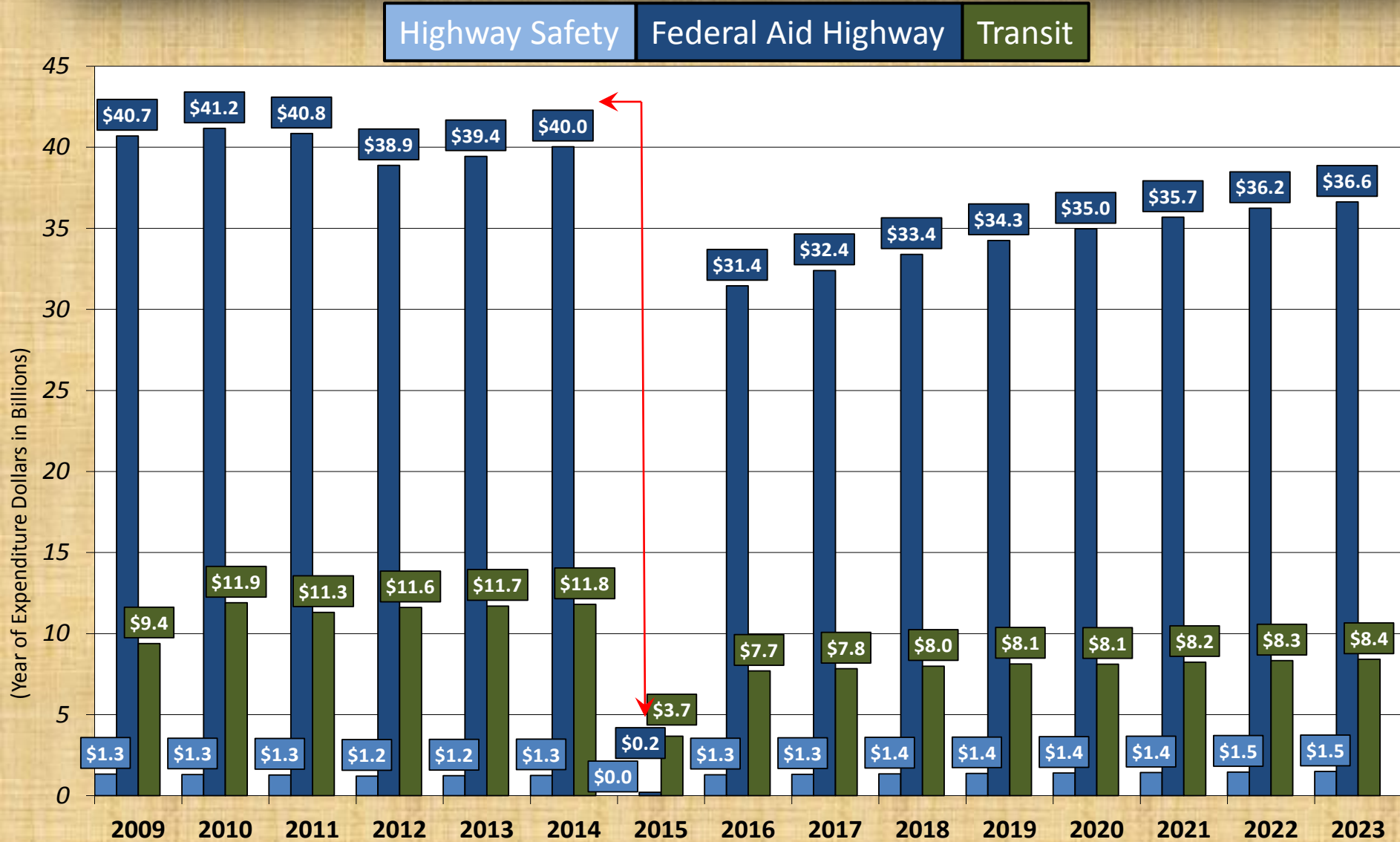
July - Dec	FY 2013	FY 2014	Variance	% Change
Motor Fuels Tax	\$140.2	\$134.9	(\$5.3)	-3.8%
Registration Fees	\$37.9	\$36.6	(\$1.3)	-3.4%
Permits & Penalties	\$9.4	\$8.8	(\$0.6)	-6.4%
Other	\$4.3	\$4.0	(\$0.3)	-7.0%
Total User Revenues	\$191.8	\$184.3	(\$7.5)	-3.9%
Natural Gas Severance Tax	\$12.7	\$20.5	\$7.8	61.4%
RRA Interest	\$1.5	\$1.6	\$0.1	6.7%
Less: Diesel Tax for Bonds	(\$8.4)	(\$8.2)	\$0.2	-2.4%
Total Revenues Available	\$197.6	\$198.2	\$0.6	0.3%
Fiscal 2014 Projected vs. Actual July - Dec	Budget (millions)	Actual (millions)	Variance (millions)	% Variance
Motor Fuels Tax	\$131.6	\$134.9	\$3.3	2.5%
Registration Fees	\$39.9	\$36.6	(\$3.3)	-8.3%
Permits & Penalties	\$9.4	\$8.8	(\$0.6)	-6.4%
Other	\$2.5	\$4.0	\$1.5	60.0%
Total User Revenues	\$183.4	\$184.3	\$0.9	0.5%
Natural Gas Severance Tax	\$18.6	\$20.5	\$1.9	10.2%
RRA Interest	\$1.2	\$1.6	\$0.4	33.3 %
Less: Diesel Tax for Bonds	(\$8.6)	(\$8.2)	\$0.4	-4.7%
Total Revenues Available	\$194.6	\$198.2	\$3.6	1.9%
Fuel Consumption in Gallons July – Dec	FY 2013 (millions)	FY 2014 (millions)	Difference (millions)	% Change
Gasoline	711.1	702.4	-8.7	-1.2%
Diesel	309.2	302.0	-7.2	-2.3%
Total	1,020.3	1,004.4	-15.9	-1.6%

# Projected Sales Tax vs. Actual

Month	Projected Net	Actual Receipts	Variance	Monthly Variance	Annual Variance
Jul	\$5,950,000.00	\$6,205,659.77	\$255,659.77	4.30%	4.30%
Aug	\$13,930,000.00	\$12,923,708.99	\$(1,006,291.01)	-7.22%	-3.78%
Sept	\$13,860,000.00	\$13,462,454.84	\$(397,545.16)	-2.87%	-6.65%
Oct	\$13,300,000.00	\$12,587,677.76	\$(712,322.24)	-5.36%	-4.77%
Nov	\$13,160,000.00	\$12,803,477.88	\$(356,522.12)	-2.71%	-3.73%
Dec	\$13,860,000.00	\$13,833,985.52	\$(26,014.48)	-0.19%	-1.44%
Jan	\$13,860,000.00				
Feb	\$13,230,000.00				
Mar	\$13,300,000.00				
Apr	\$13,650,000.00				
May	\$13,790,000.00				
Jun	\$13,930,000.00				
<b>Total</b>	<b>\$155,820,000.00</b>	<b>\$71,816,964.76</b>	<b>\$(2,243,035.24)</b>		

# HIGHWAY TRUST FUND

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





# Federal Highway Trust Fund (HTF) Crash

- **Managing the Uncertainties Facing the Federal Highway and Transit Program**
  - Prepare 2 Budgets
  - Obligate Federal-aid Funds needed for the FFY 2015 IRP Bond Payment in FFY 2014
  - Continue Project Development / Discontinue Letting Most New Construction Projects
    - 56 projects / \$500 million



# Federal Legislation

- **Two Bills to Raise Transportation Revenue**

- **Update, Promote and Develop America's Transportation Essentials (UPDATE) Act**

- Phase in a 15 cents/gallon Increase in the Federal Gas/Diesel Tax over the next Three Years
  - 18.4 cents to 33.4 cents per gallon (indexed for inflation)
  - Generate \$170 billion in Revenue over the next 10 years

- **Road Usage Fee Pilot Program Act of 2013**

- Create a National Vehicle Miles Traveled Pilot Program Study
  - Long-term Solution to Funding Gap with Gas/Diesel Tax

# 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



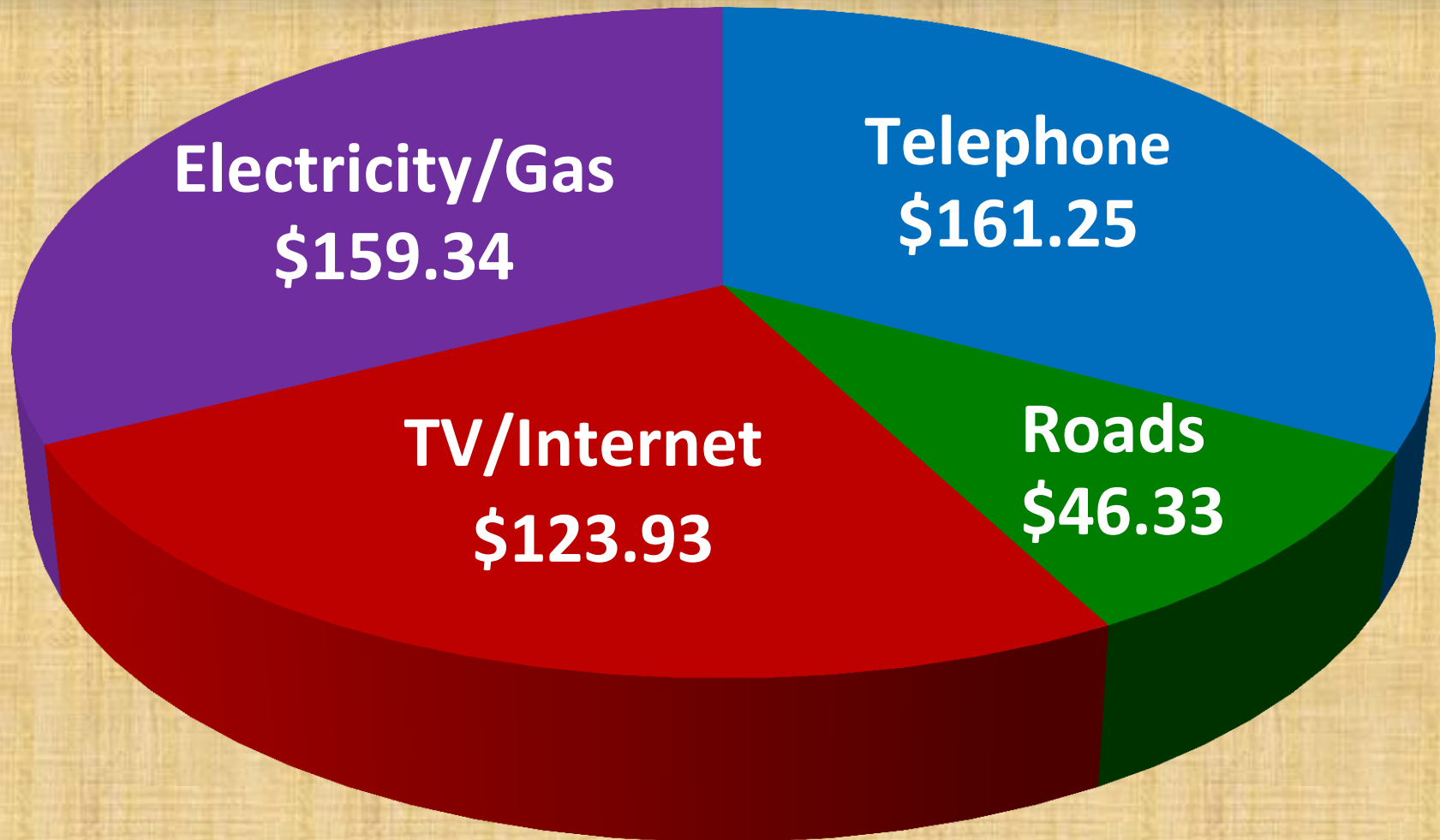
# National Survey: Americans Value Good Roads

83 %

Transportation network is important to ensuring  
national defense and emergency response



# Average Monthly Household Expenditures





# 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



**Construction Zone Locations**

**Live Traffic Conditions**

**Weather Radar**

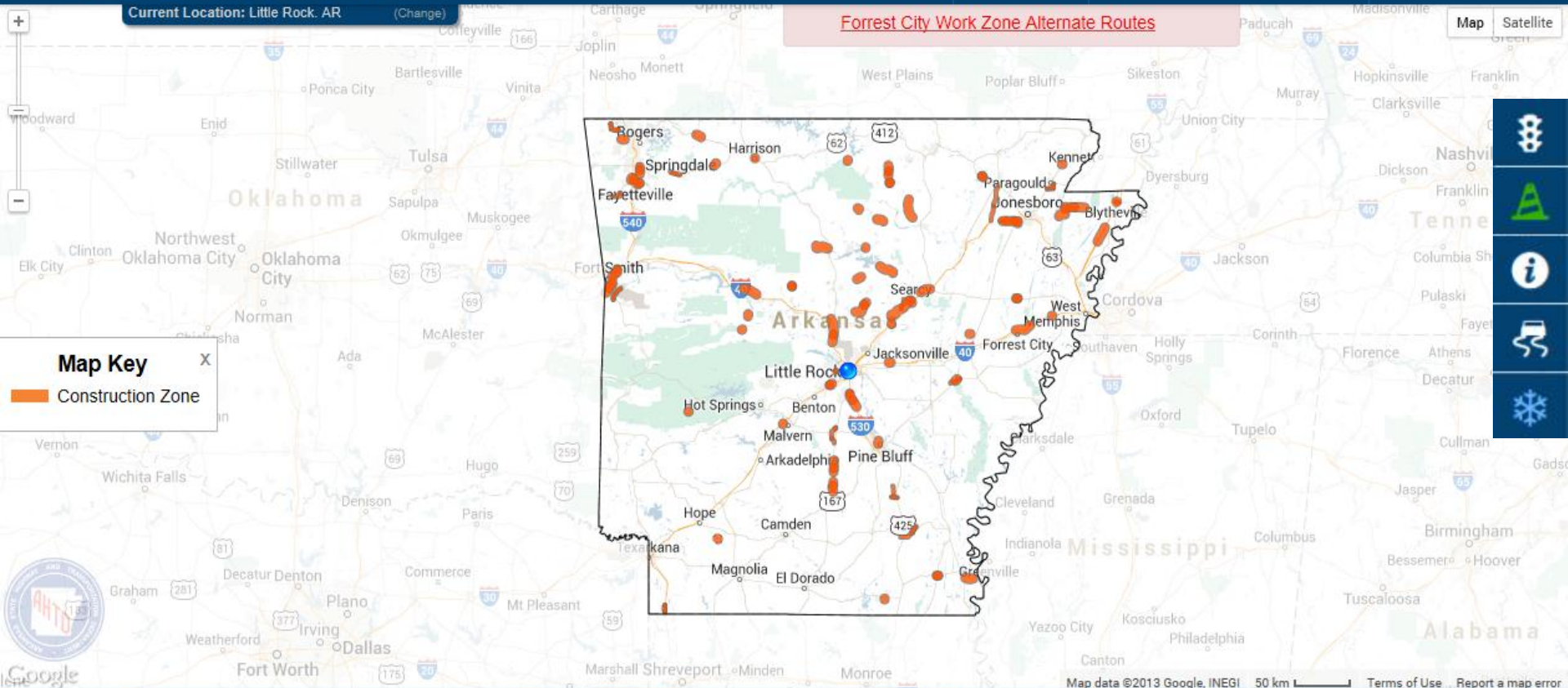
**Live Traffic Cameras (Coming Soon)**



Current Location: Little Rock, AR (Change)

### Forrest City Work Zone Alternate Routes

Map Satellite







## Construction



**Project Name:** Forrest City-East

**Length:** 8.3 Miles

**Location:** Mile Marker 239.8 - 248.1

**Estimated Complete:** Mid 2014

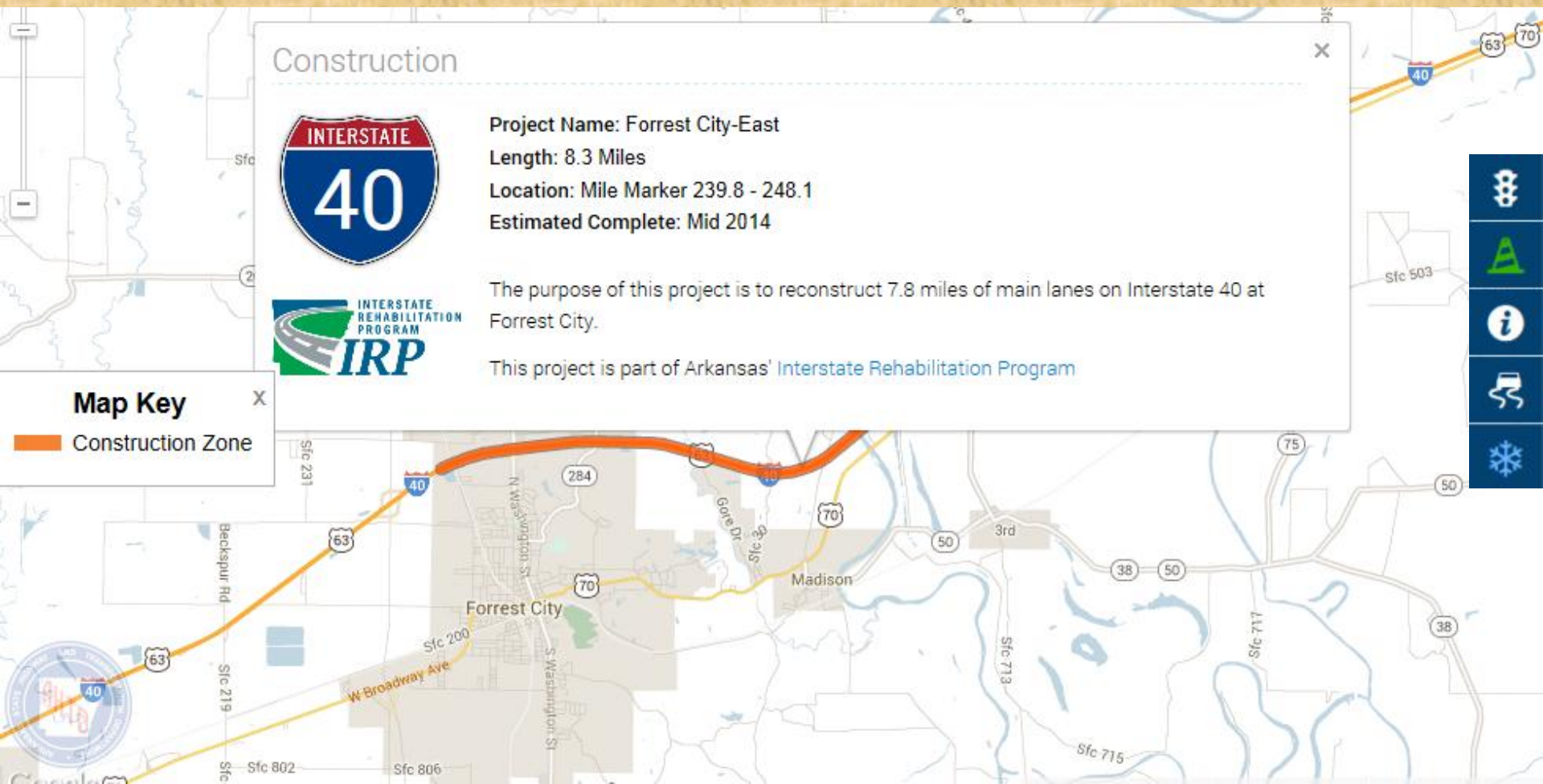


The purpose of this project is to reconstruct 7.8 miles of main lanes on Interstate 40 at Forrest City.

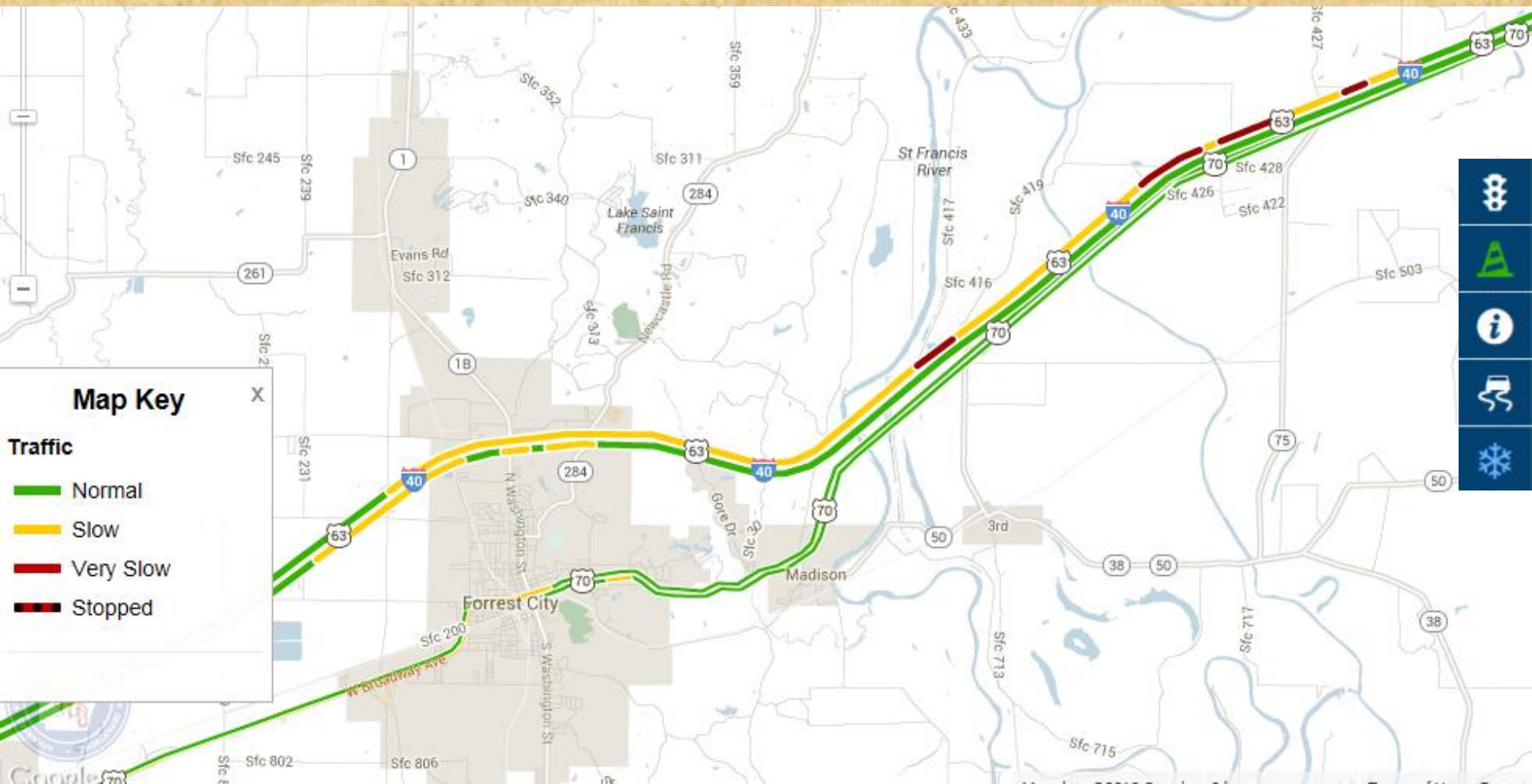
This project is part of Arkansas' [Interstate Rehabilitation Program](#)

### Map Key

 Construction Zone









### Map Key

X

#### Traffic

-  Normal
-  Slow
-  Very Slow
-  Stopped



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

Litter Hotline 866-811-1222



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

