

Arkansas State Highway and Transportation Department



Fort Smith Exchange
Fianna Hills Country Club
Friday, January 10, 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



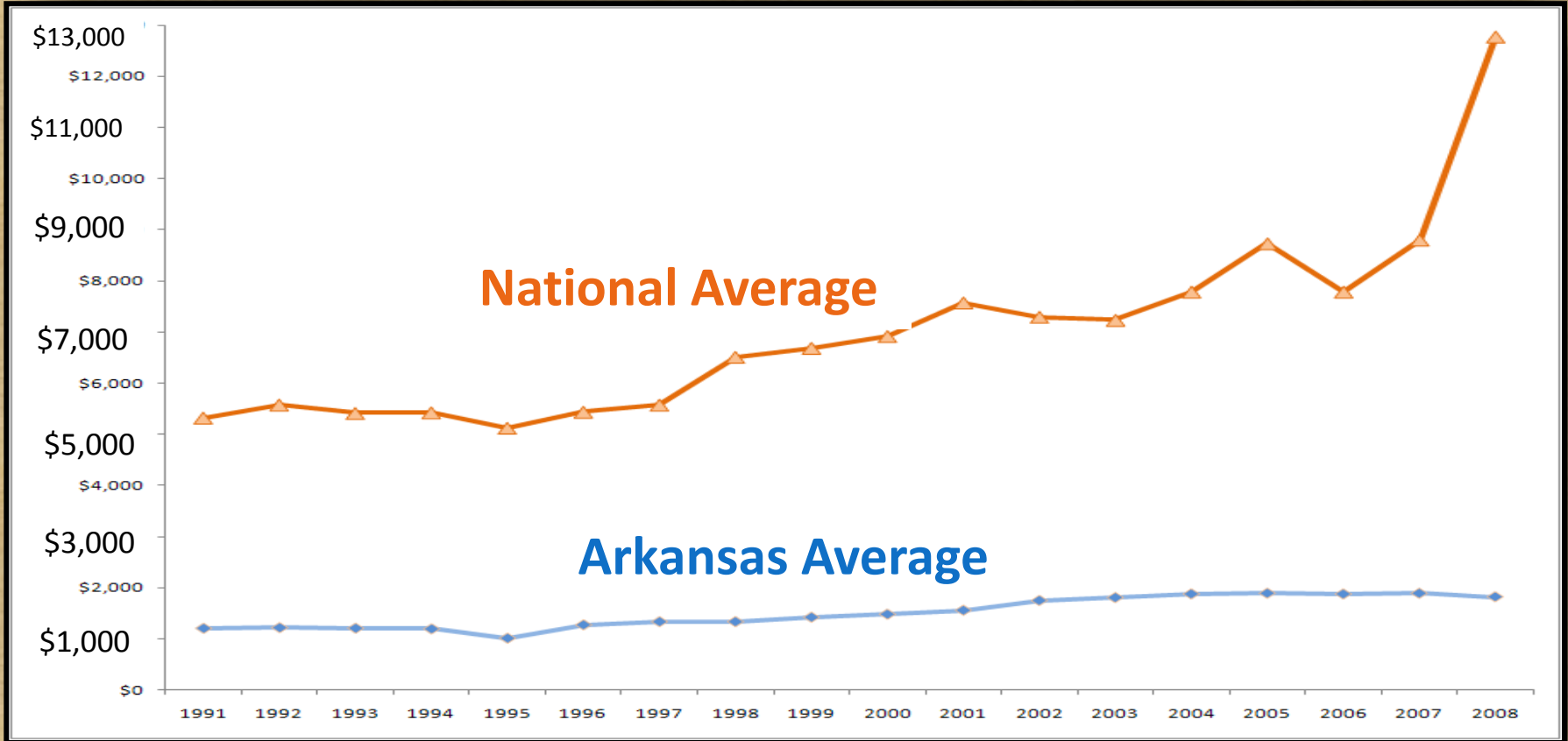
How We Compare

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
2014	3,607
2003	3,772
1993	4,052
1983	3,725
1973	3,583
1969	3,701



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

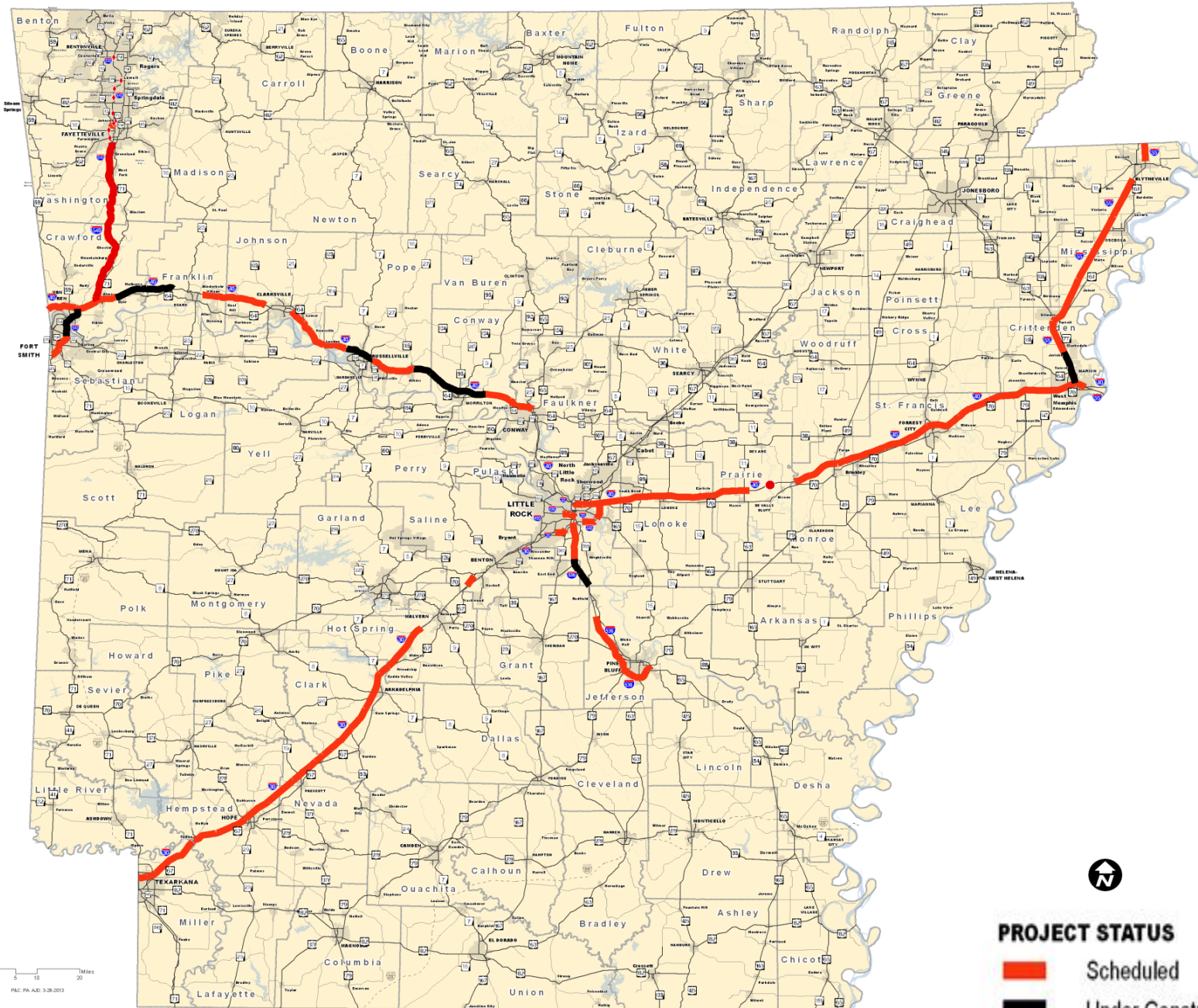
- **September 2012**

- ✓ 1st 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**

- ✓ 2nd 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
Total for 2014				41	\$29 million



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
Total for 2014				41	\$250 million

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
Total for 2014				106	\$309 million

2014 Scheduled NWA IRP Projects

Job	County	Route	Job Name	Length	Amount
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
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
BB1103	Franklin/Johnson	I-40	Ozark – Hwy 164	11	\$7 million
Total for 2014				35	\$84 million

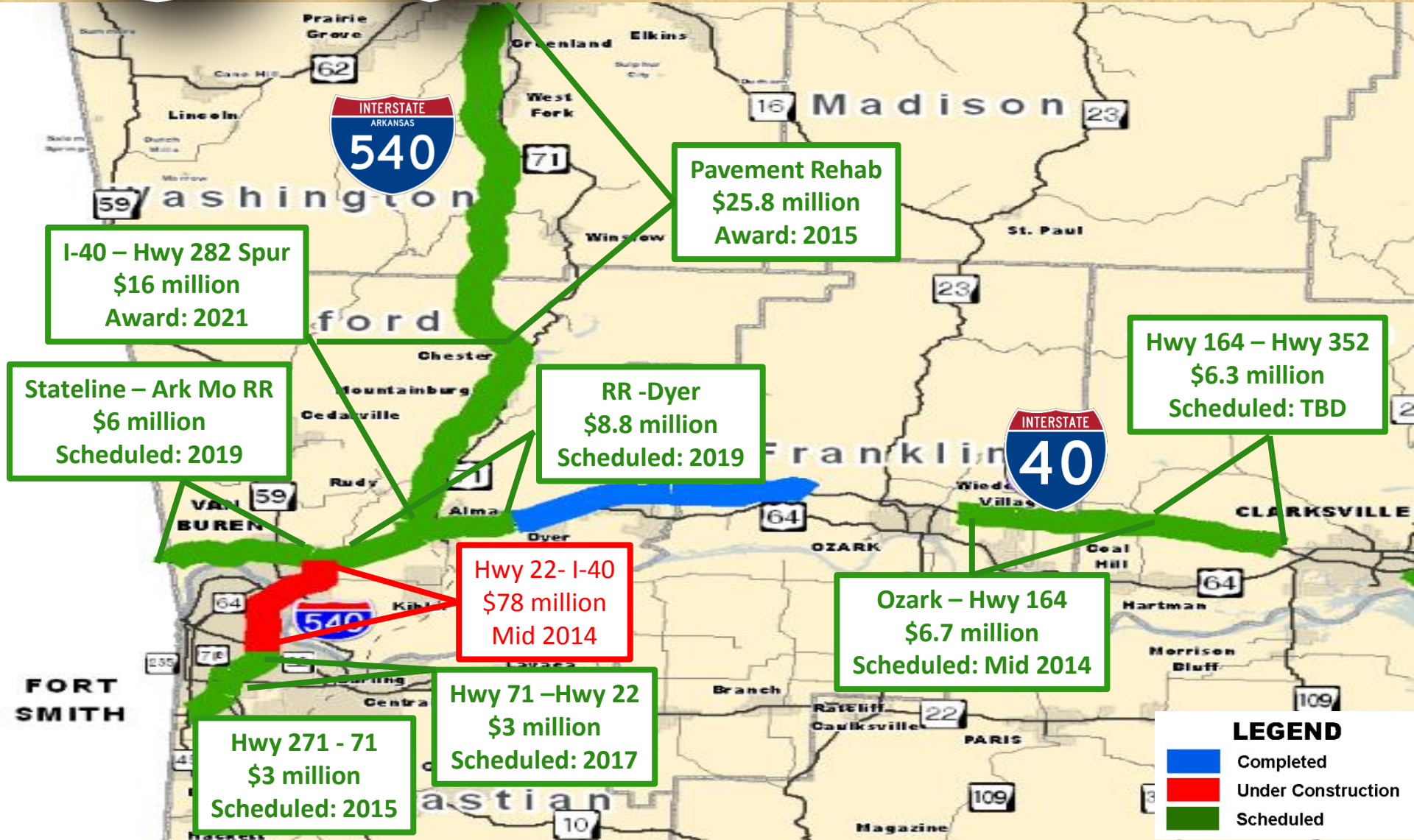


Update

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



Construction



LEGEND

- █ Completed
- █ Under Construction
- █ Scheduled



Construction





Construction



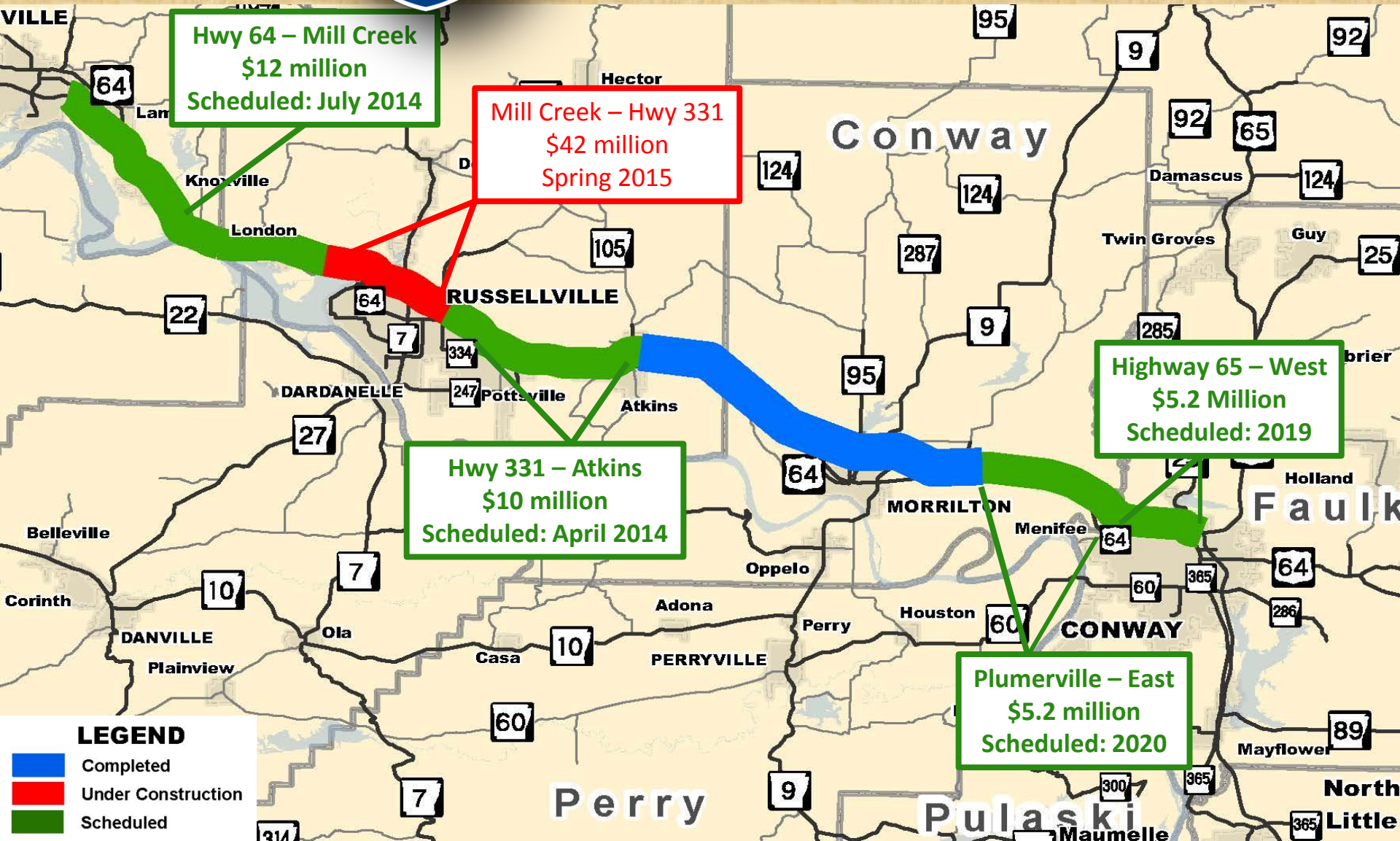


Construction





Construction





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



Update

- **November 2012**

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

- **September 2013**

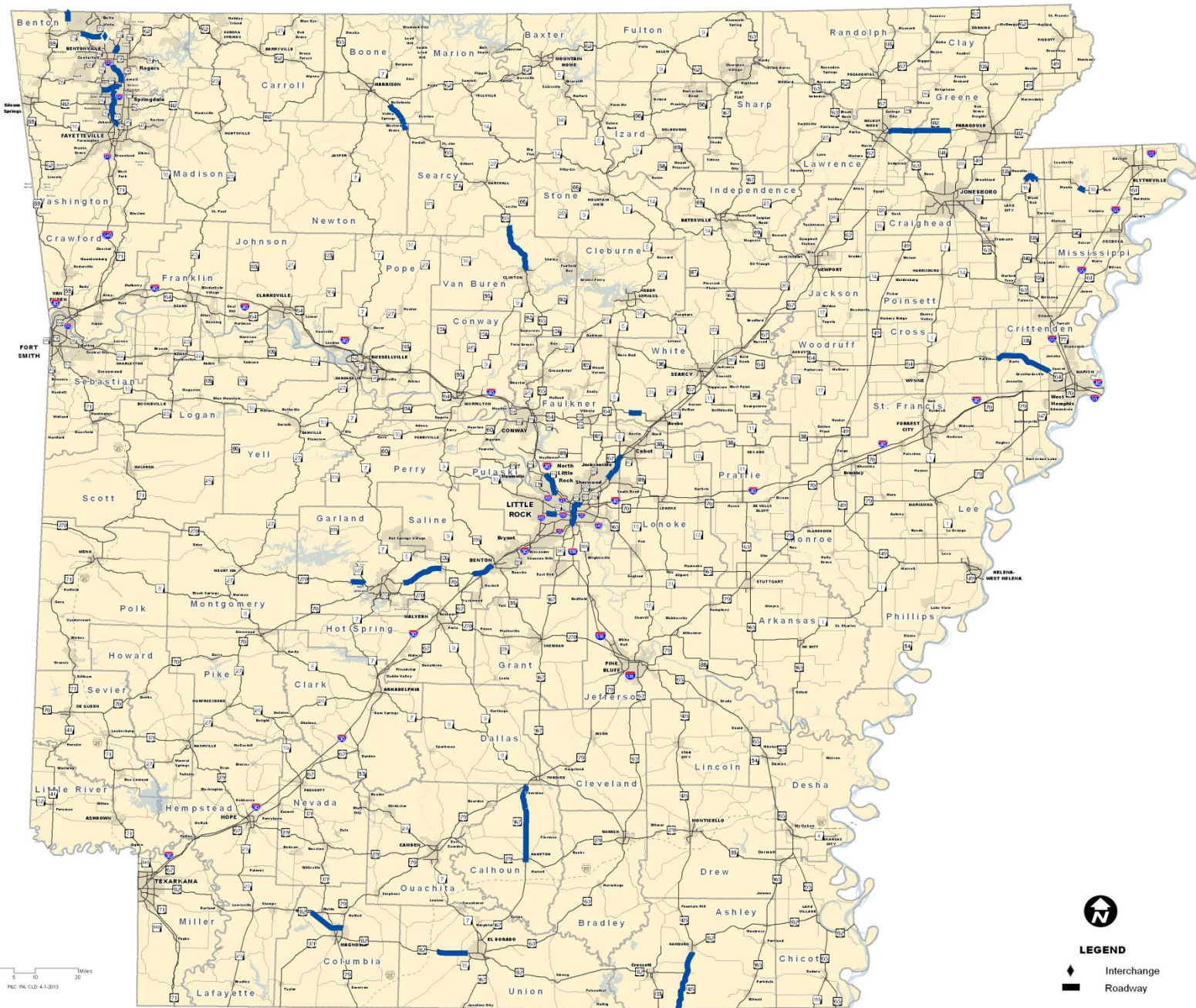
- ✓ 1st Series of Bonds Offered for Sale
 - Par Value of \$469 M
 - Premium of \$25 M
 - Total Amount of Bond Proceeds Available for Construction - \$494 M

- **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

Connecting Arkansas Program



0 5 10 Miles
PSC PR CLD 4-1-2019



LEGEND

- Interchange
- Roadway





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
Total for 2014				14	\$175 million

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



Turnback Funds
for cities and counties.





Turnback Funds

County by County

County	Ten Year Cumulative
Crawford	\$20,694,281
Sebastian	\$27,489,740





Turnback Funds

City by City

Crawford County

City	Ten Year Cumulative
Alma	\$3,508,247
Cedarville	\$902,470
Chester	\$102,941
Dyer	\$567,124
Kibler	\$622,154
Mountainburg	\$408,504
Mulberry	\$1,071,440
Rudy	\$39,495
Van Buren	\$14,754,841





Turnback Funds

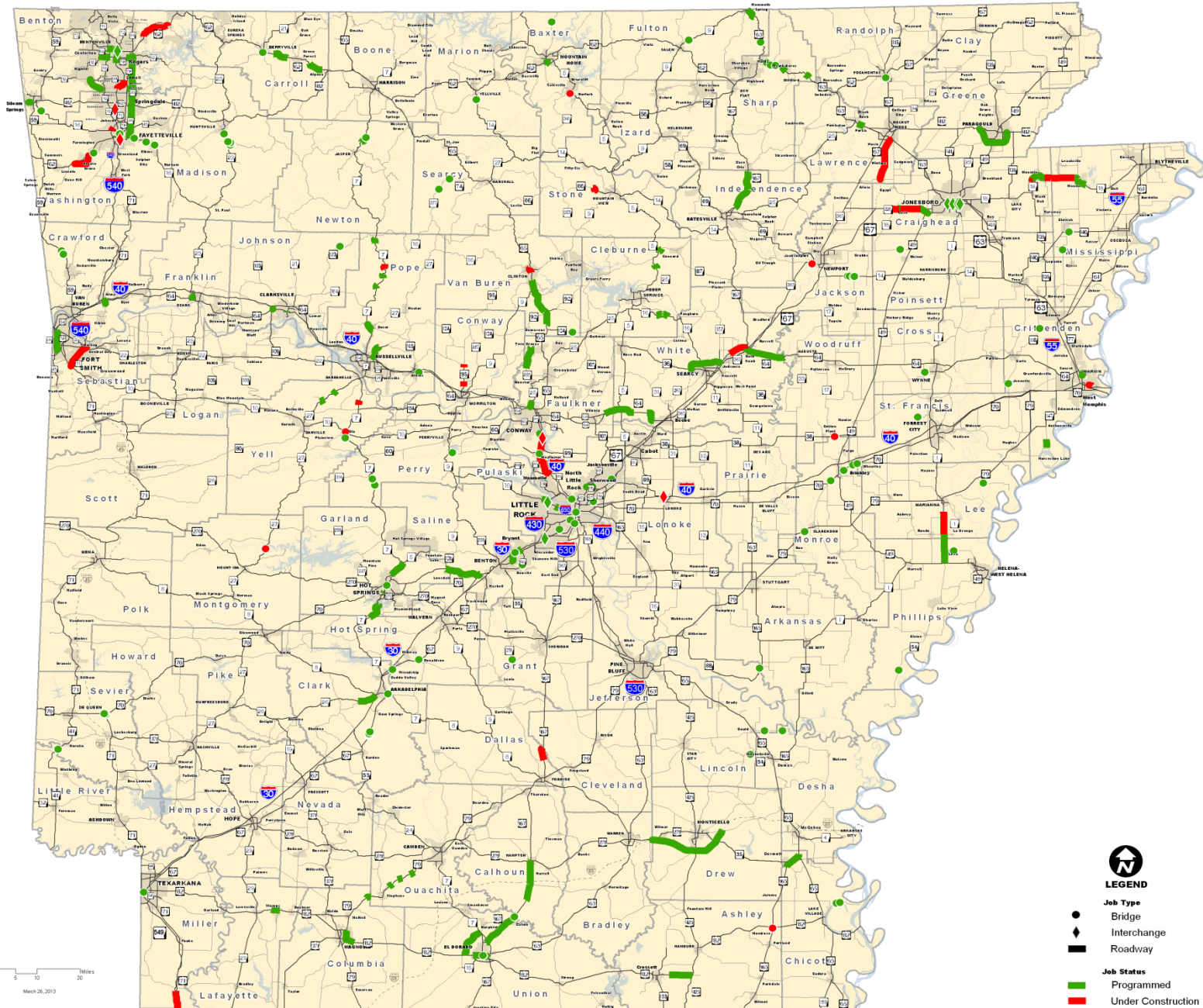
City by City

Sebastian County

City	Ten Year Cumulative
Barling	\$3,009,754
Bonanza	\$474,668
Central City	\$324,997
Fort Smith	\$55,811,497
Greenwood	\$5,795,508
Hackett	\$525,684
Hartford	\$415,634
Huntington	\$411,097
Lavaca	\$1,481,889
Midland	\$210,409



Statewide Transportation Improvement Program Job Status



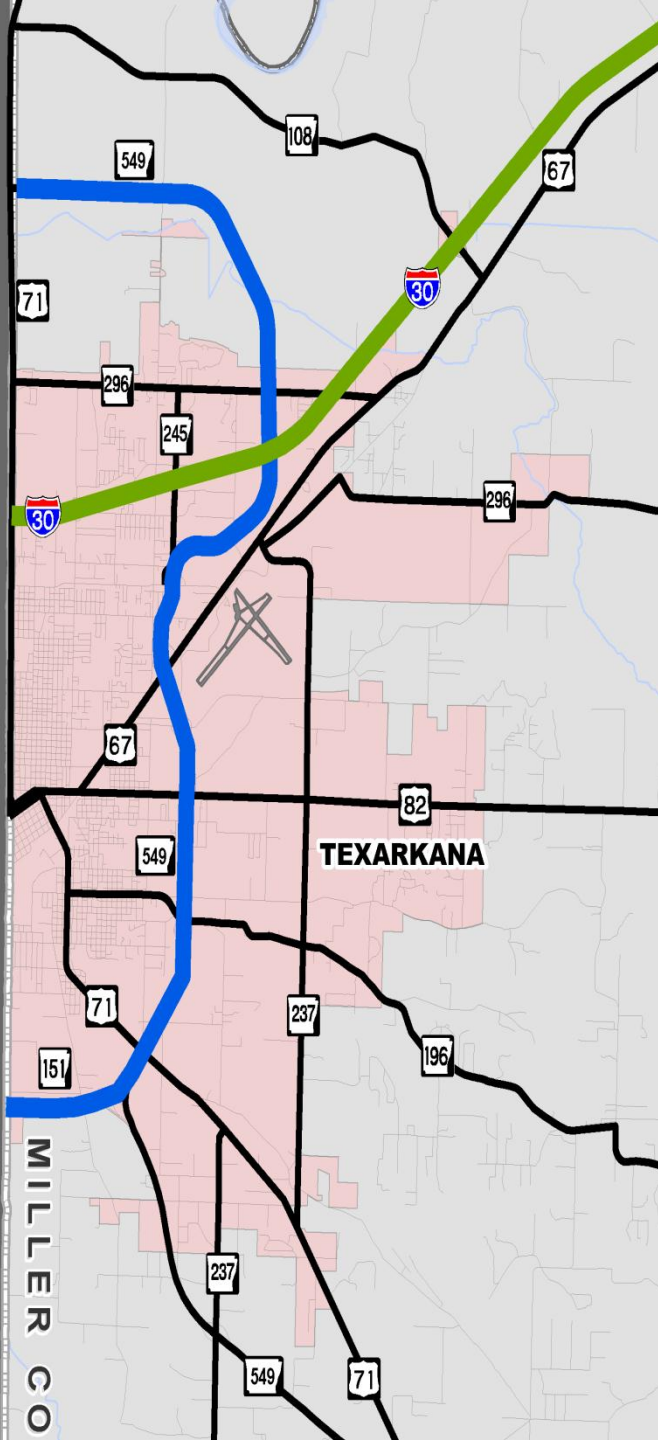


Corridor

- 315 miles**
- \$1.2 billion**
- 110 miles complete**
- 10 miles under construction**
- 15 miles scheduled**
- 180 miles remaining**

T E X A S

BOWIE CO.
MILLER CO.

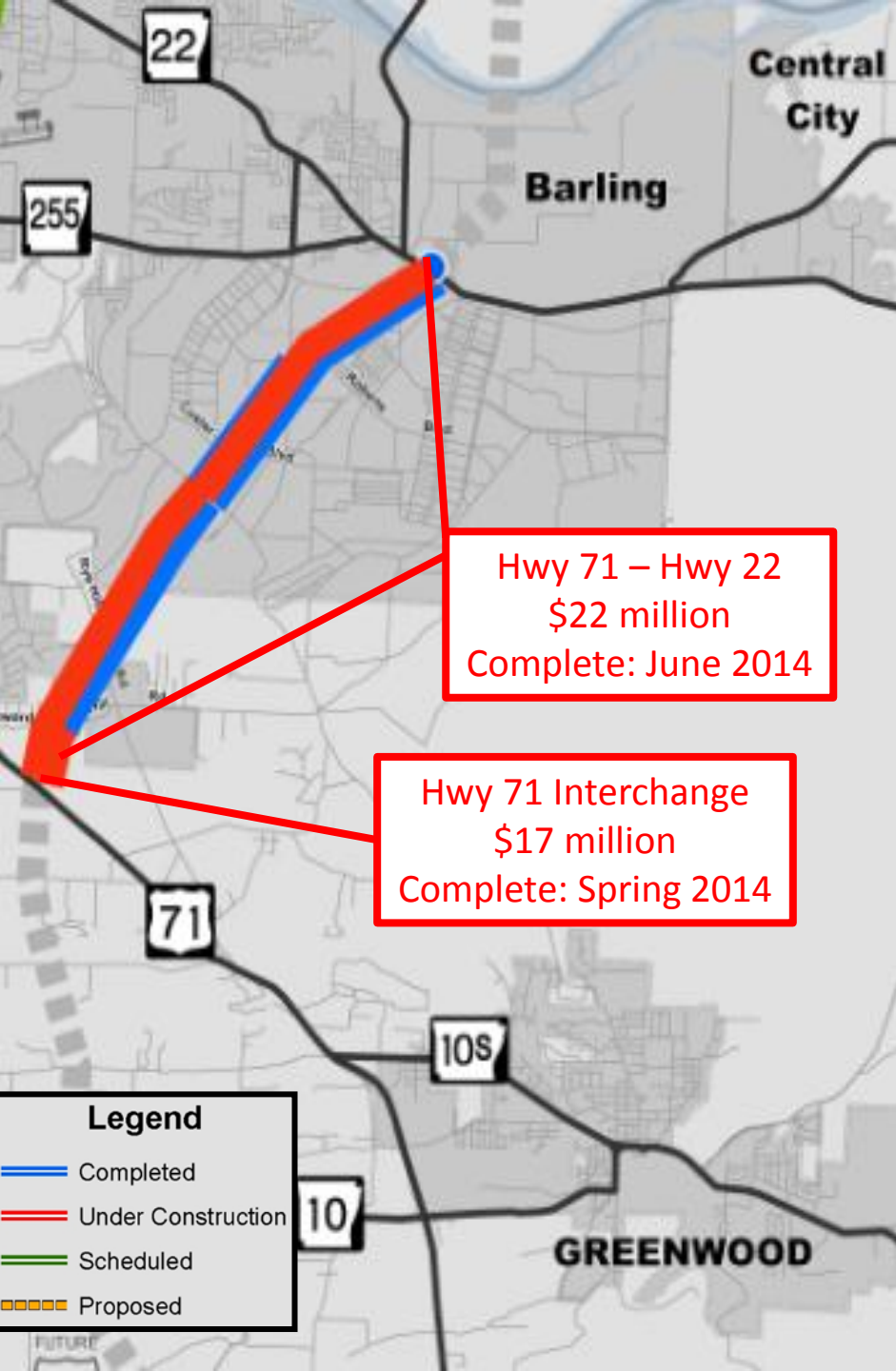


LEGEND

-  Completed
-  Programmed



Texarkana



Barling



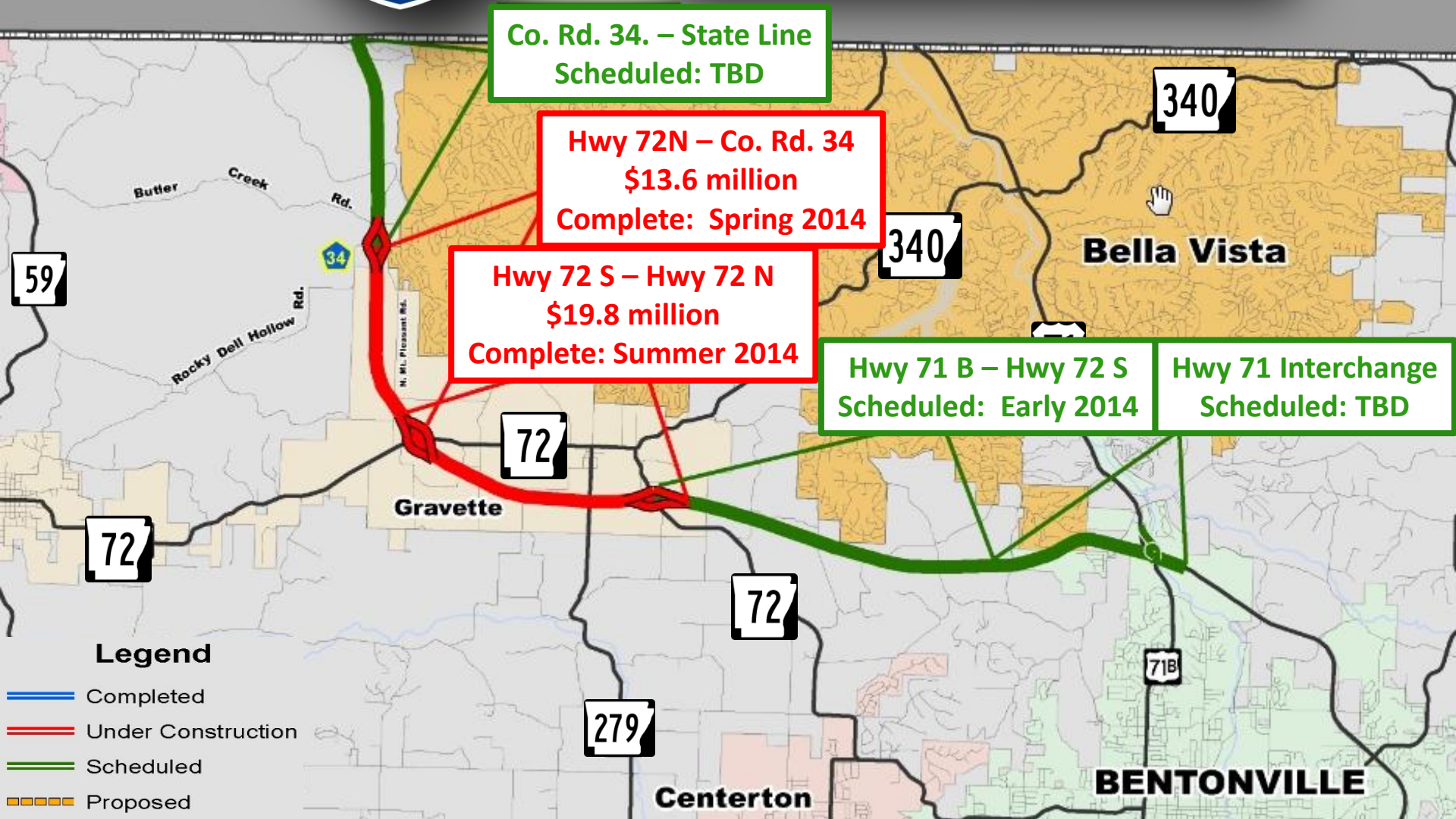








Bella Vista



Legend

- Completed
- Under Construction
- Scheduled
- Proposed



Bentonville

Ft. Smith

Texarkana

Legend

- Completed
- Under Construction
- Scheduled
- Proposed



Corridor

Sebastian County Construction

Projects	Miles	Cost
Completed	76	\$151 million
Under Construction	12	\$99 million
Planned	9	\$21 million
Total	97	\$271 million



Sebastian County

Future Construction

Road	Work	Location	Cost	Award Date
Highway 255	Widening	Zero St – Phoenix Ave	\$1.7 million	TBD
Highway 96	Replace 3 Bridges	Hwy 22 – Hwy 252	\$2.5 million	TBD
Highway 45	Hwy 45- Planters Rd Intersection	Hwy 45-Planters Rd.	\$10 million	TBD
Jenny Lind Rd. & Ingersoll Ave	Widening 3 miles	Ft. Smith (City Project)	\$9 million	2014



Sebastian County

Hwy 45 Widening Project Complete

Road	Work	Location	City	Cost
Highway 45	Widening	Hwy 255 – Phoenix Ave.	Ft. Smith	\$14 million



Fort Smith Towson Ave. Project



Cost: \$649,485
Max Fed Aid: \$270,000
Includes:
Ped. & Bike Lanes
Sidewalks
Lighting
Estimated Completion:
Mid 2014

Crawford County Construction

Projects	Miles	Cost
Completed	99	\$78 million
Under Construction	4	\$33 million
Planned	33	\$90 million
Total	136	\$201 million



Crawford County

Future Construction

Road	Work	Location	Cost	Award Date
Highway 59	Replace 4 Bridges	Washington Co. - South	\$3.5 million	TBD
Highway 59	Replace 3 Bridges	Natural Dam - North	\$4.8 million	2016



Crawford County

Future Construction

Road	Work	Location	Cost	Award Date
Highway 220	Reconstruct & Realign	Lee Creek – Co. Rd. 252	\$11.8 million	TBD
Highway 220	Reconstruct & Realign	Co. Rd. 252 – Devil's Den	\$7.9 million	TBD



Crawford County

Future Construction

Road	Work	Location	Cost	Award Date
Highway 282	Bridge Replacement	Frog Bayou	\$1 million	TBD
Highway 162	New Location	Alma	\$6 million	Late 2014



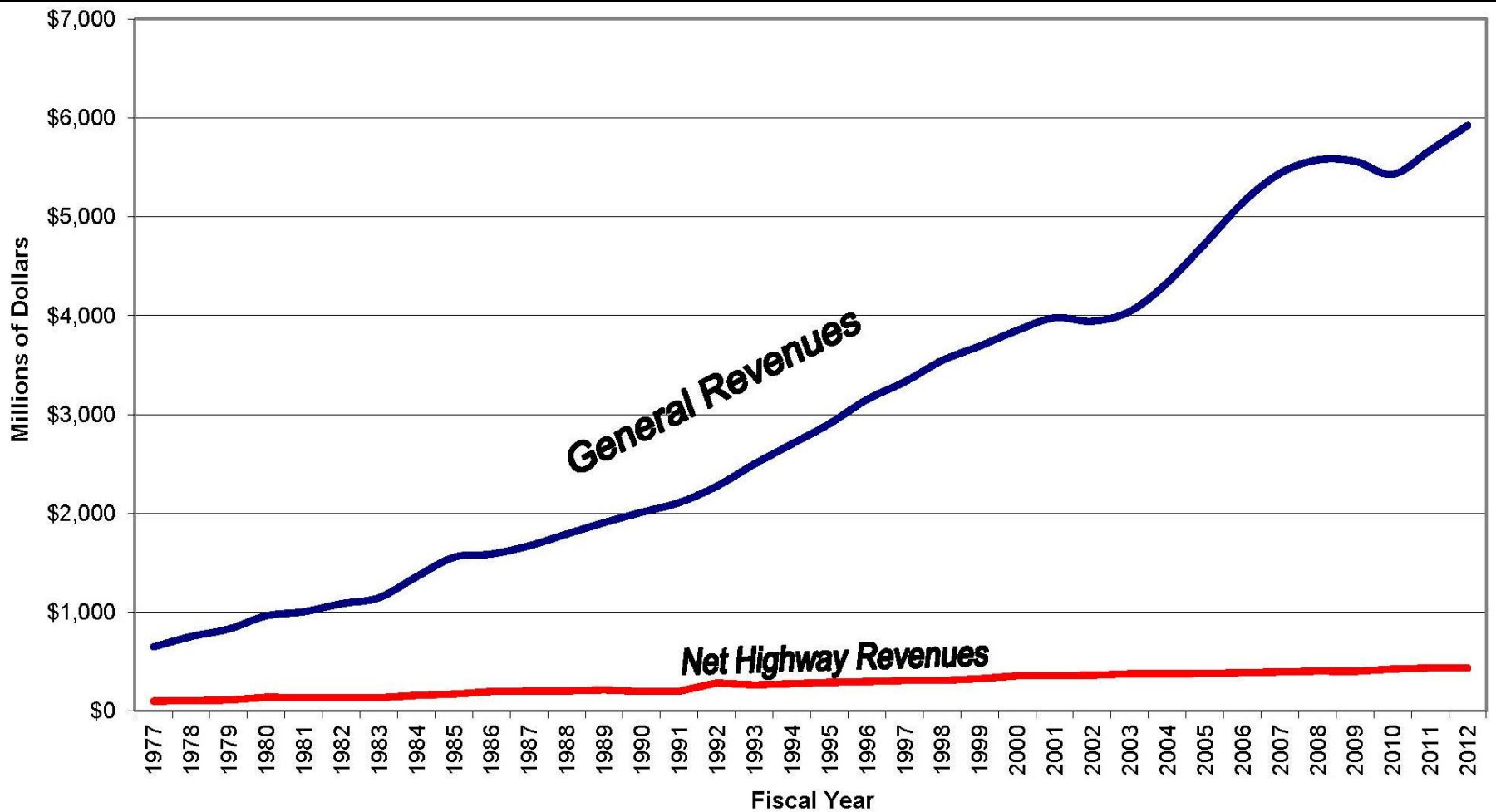


We're being asked to
do more with less...



We can only do less
with /ess.

State General Revenues vs. AHTD Net Highway Revenues

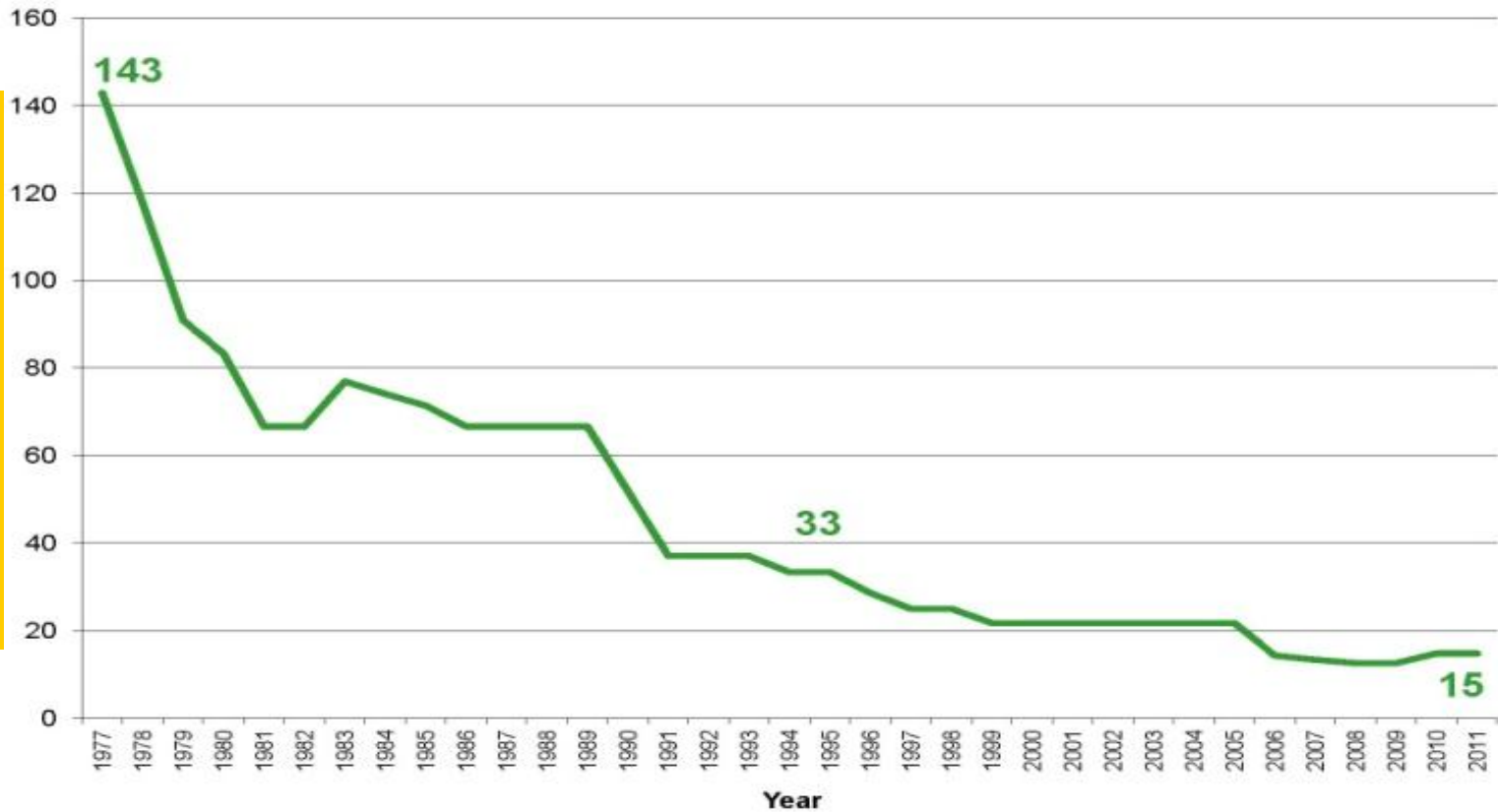


— ARKANSAS STATE GENERAL REVENUES — AHTD NET HIGHWAY REVENUES

AHTD Challenges

\$100,000,000 Widening Program

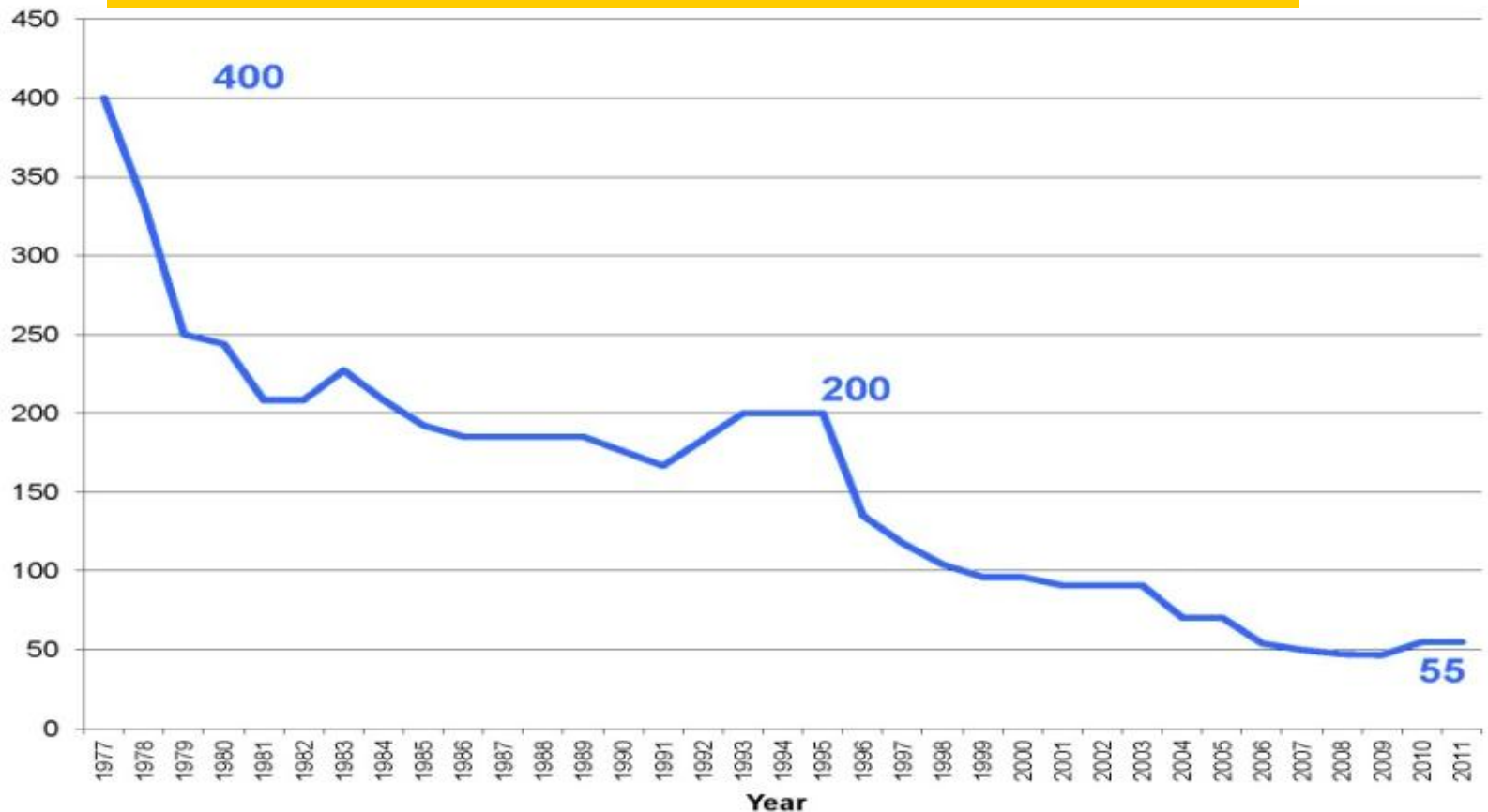
Miles of Widening
Rural Highway 2 to 5 lanes



AHTD Challenges

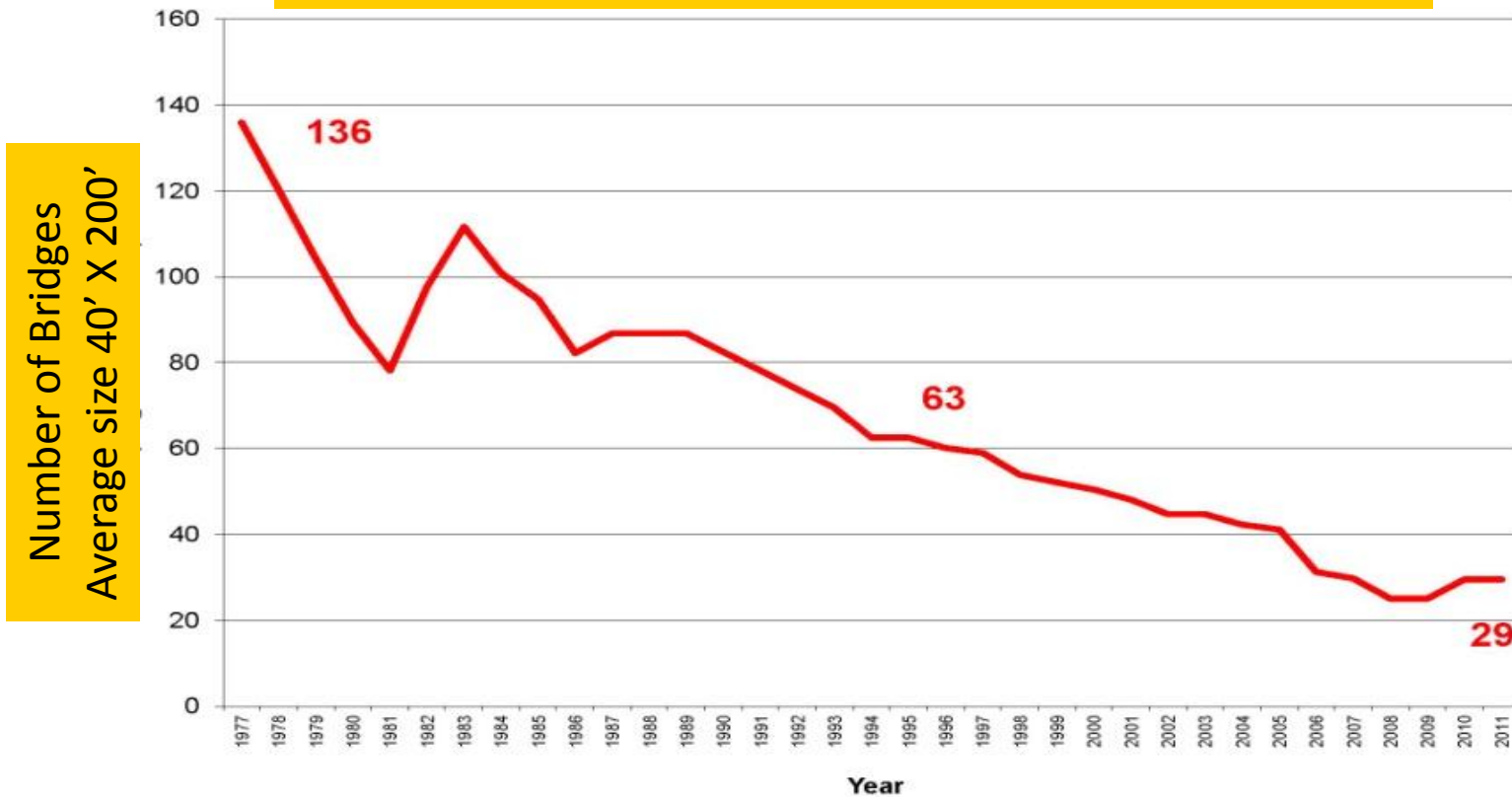
\$10,000,000 Overlay Program

Miles of Overlay
2 lanes



AHTD Challenges

\$25,000,000 Bridge Program



Needs vs. *Revenue*



= 180 miles



= 450 miles

Needs vs. *Revenue*



+



Total = 630 miles

3.8%

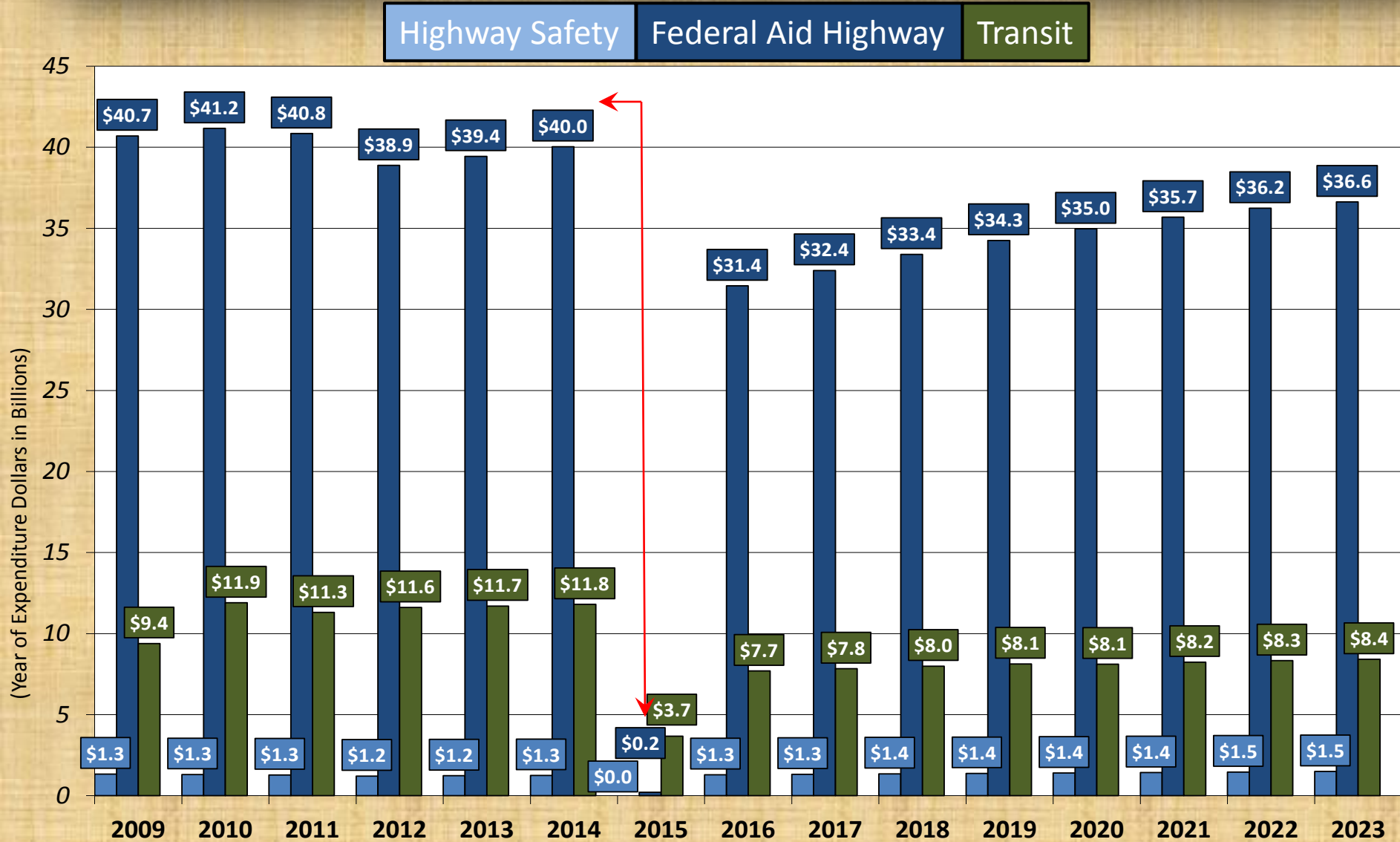
Needs vs. *Revenue*

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.

HIGHWAY TRUST FUND

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



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				
Total	\$155,820,000.00	\$71,816,964.76	\$(2,243,035.24)		

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



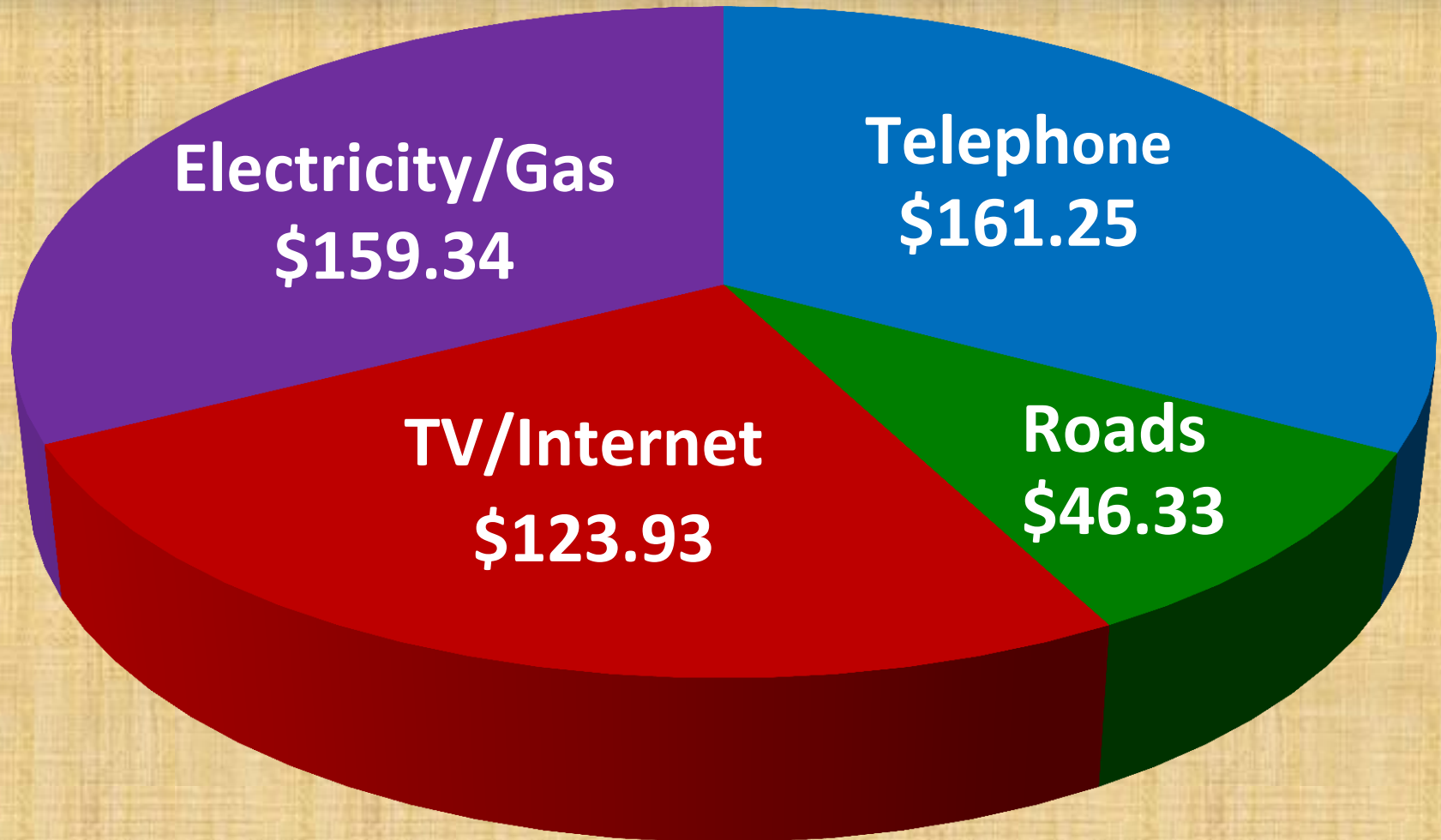
National Survey: Americans Value Good Roads

83 %

Transportation network is important to ensuring
national defense and emergency response



Average Monthly Household Expenditures





MAP-21 Reauthorization

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



Construction Zone Locations

Live Traffic Conditions

Weather Radar

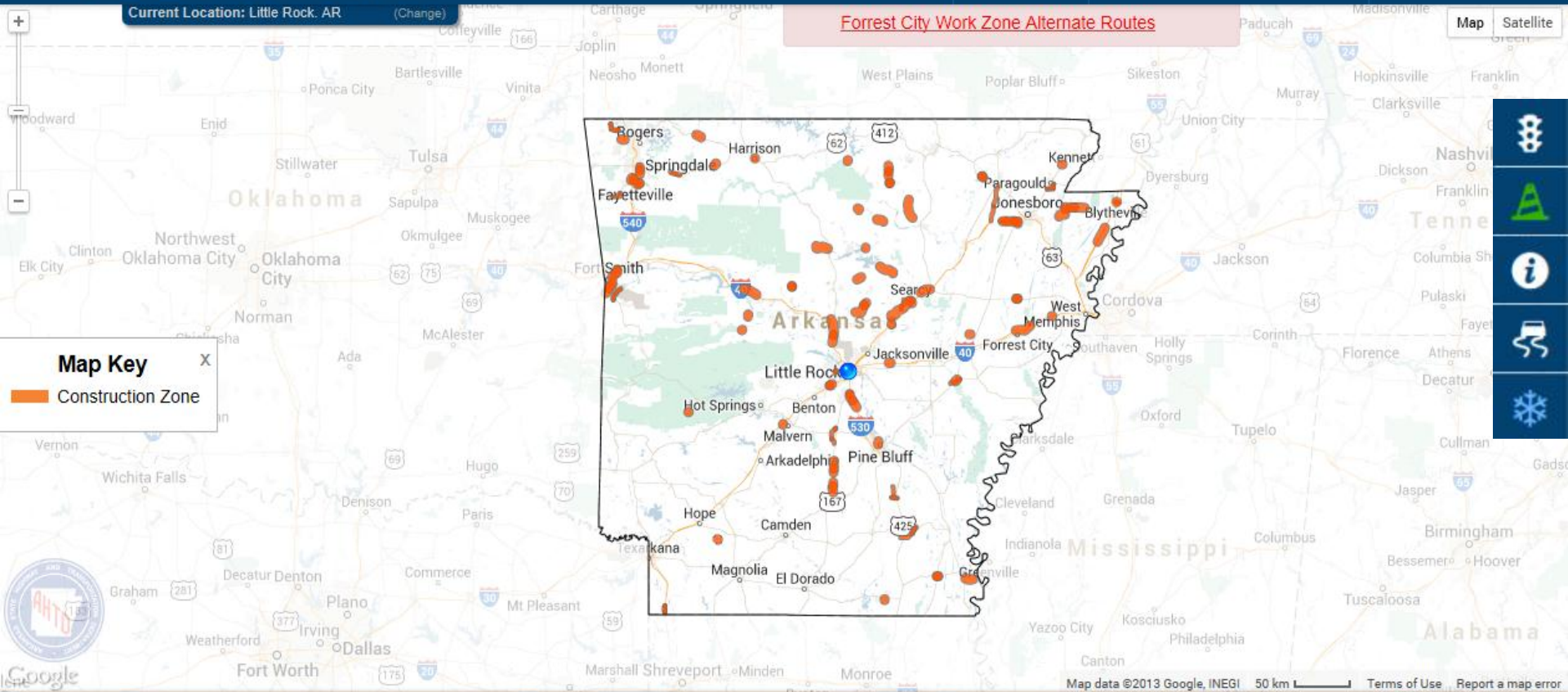
Live Traffic Cameras (Coming Soon)

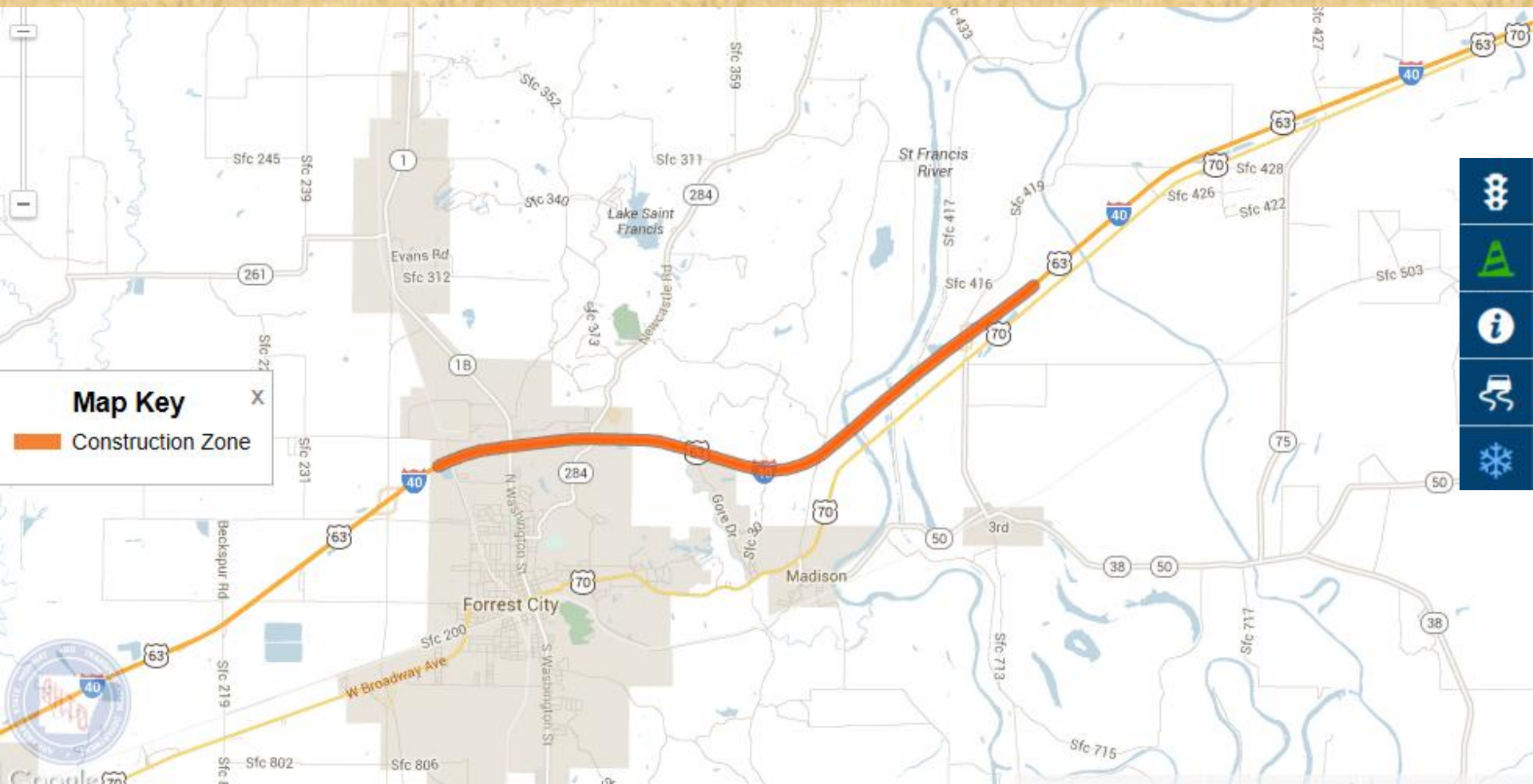


Current Location: Little Rock, AR (Change)

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

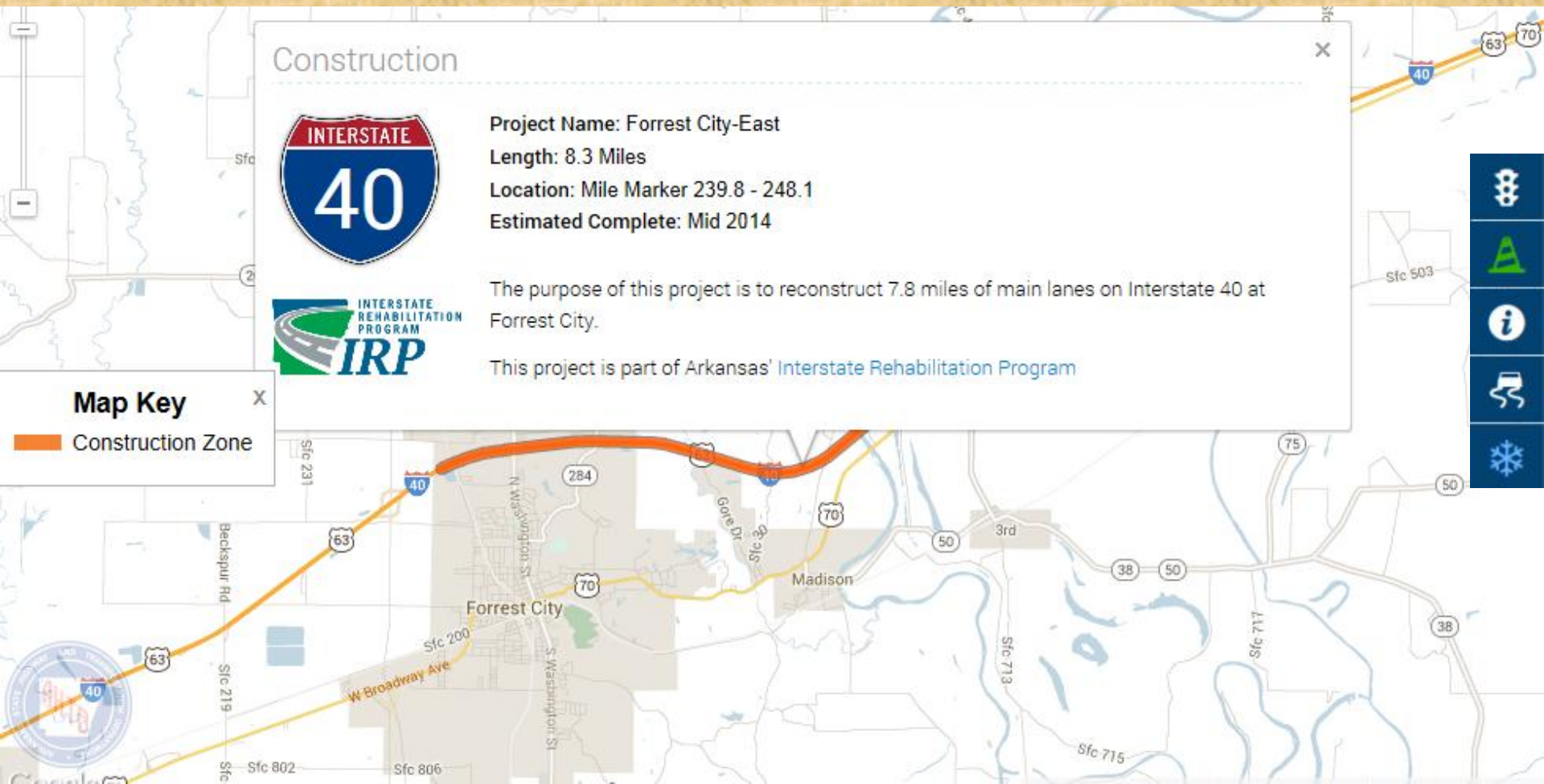


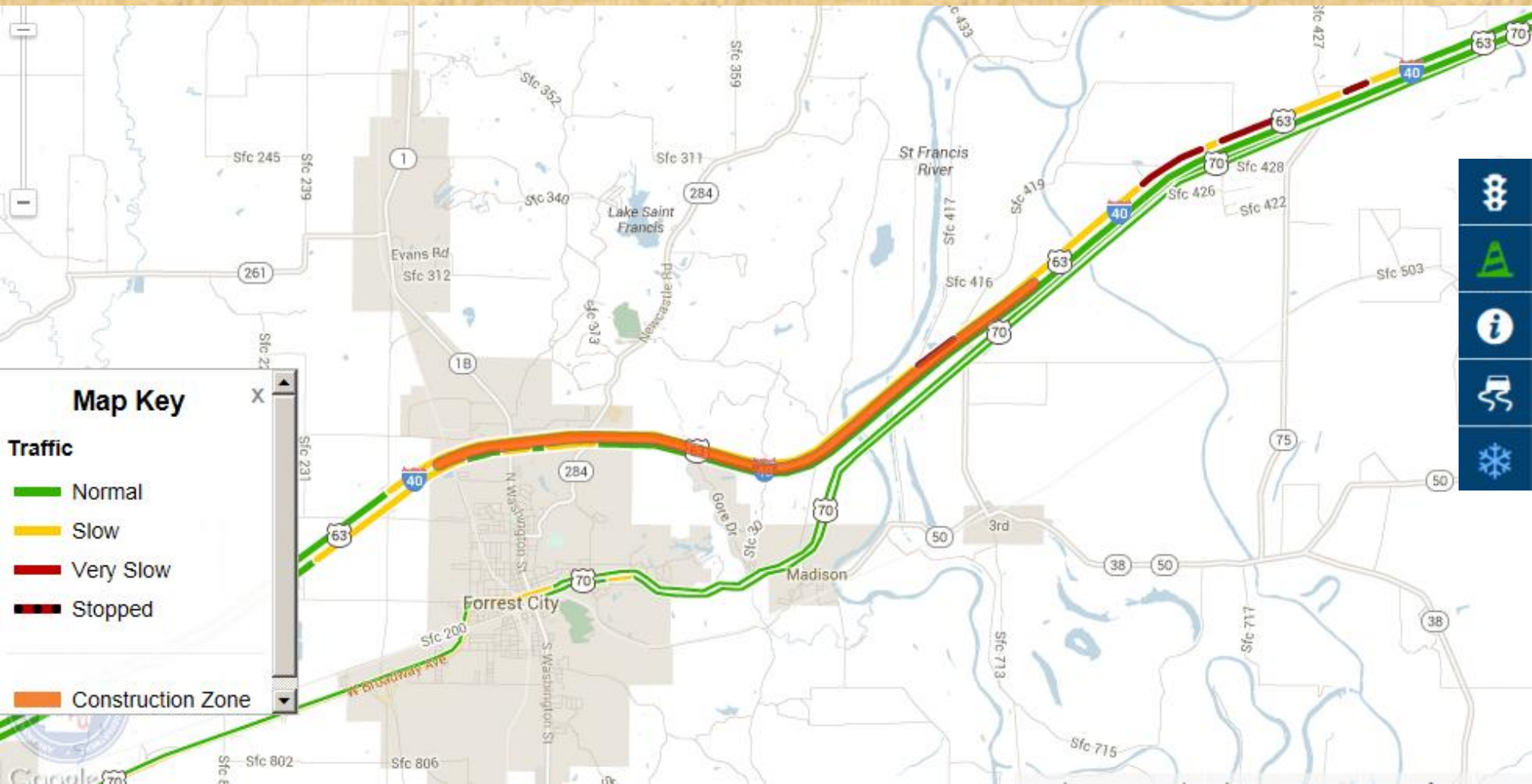
The purpose of this project is to reconstruct 7.8 miles of main lanes on Interstate 40 at Forrest City.

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

Map Key

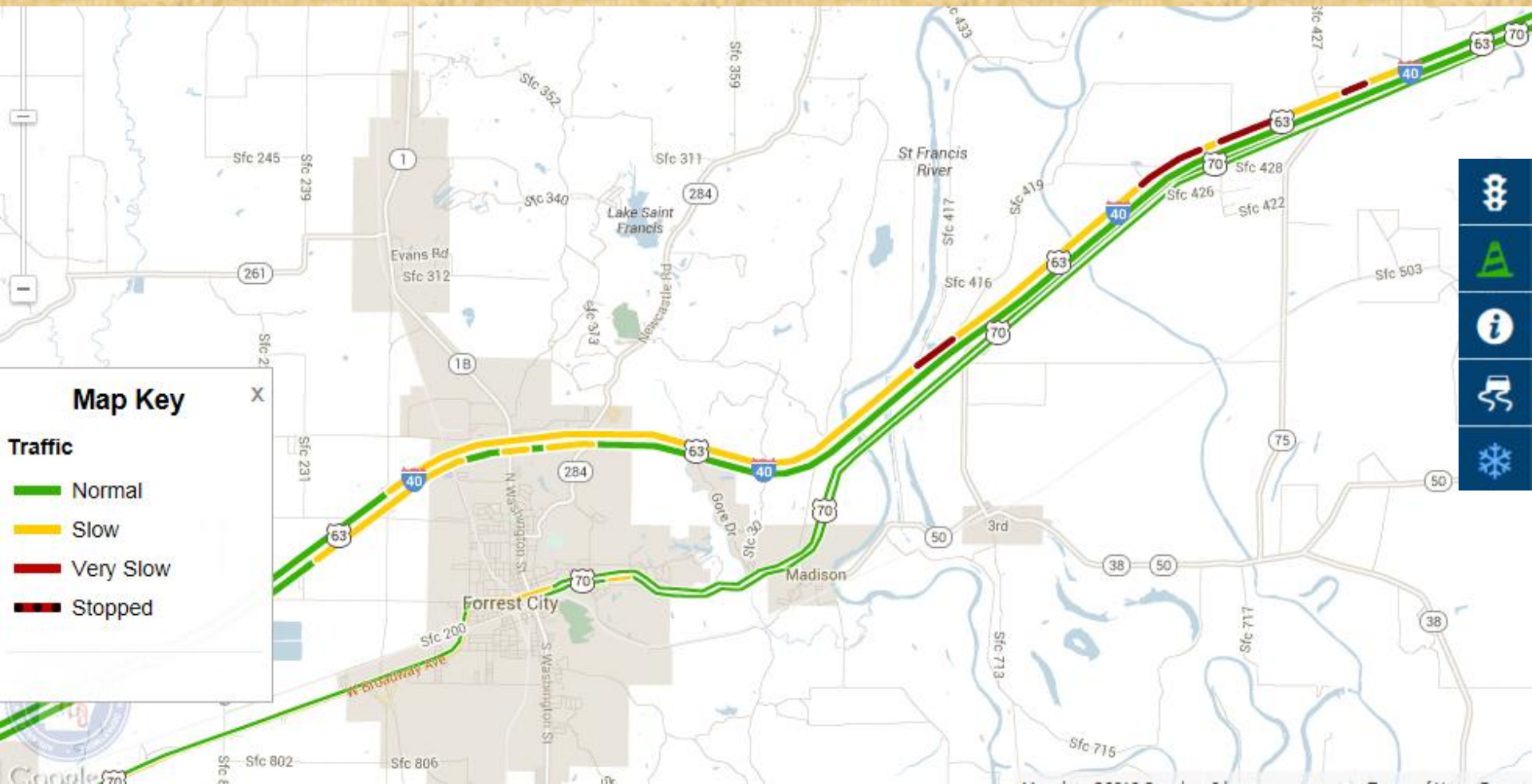
 Construction Zone





Map Key

- Traffic
- Normal
 - Slow
 - Very Slow
 - Stopped
 - Construction Zone





Map Key

X

Traffic

- Normal
- Slow
- Very Slow
- Stopped



[ArkansasHighways.com](https://www.arkansashighways.com)

Litter Hotline 866-811-1222



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

