

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT



Recent Voter Approved Programs

**November
2011**

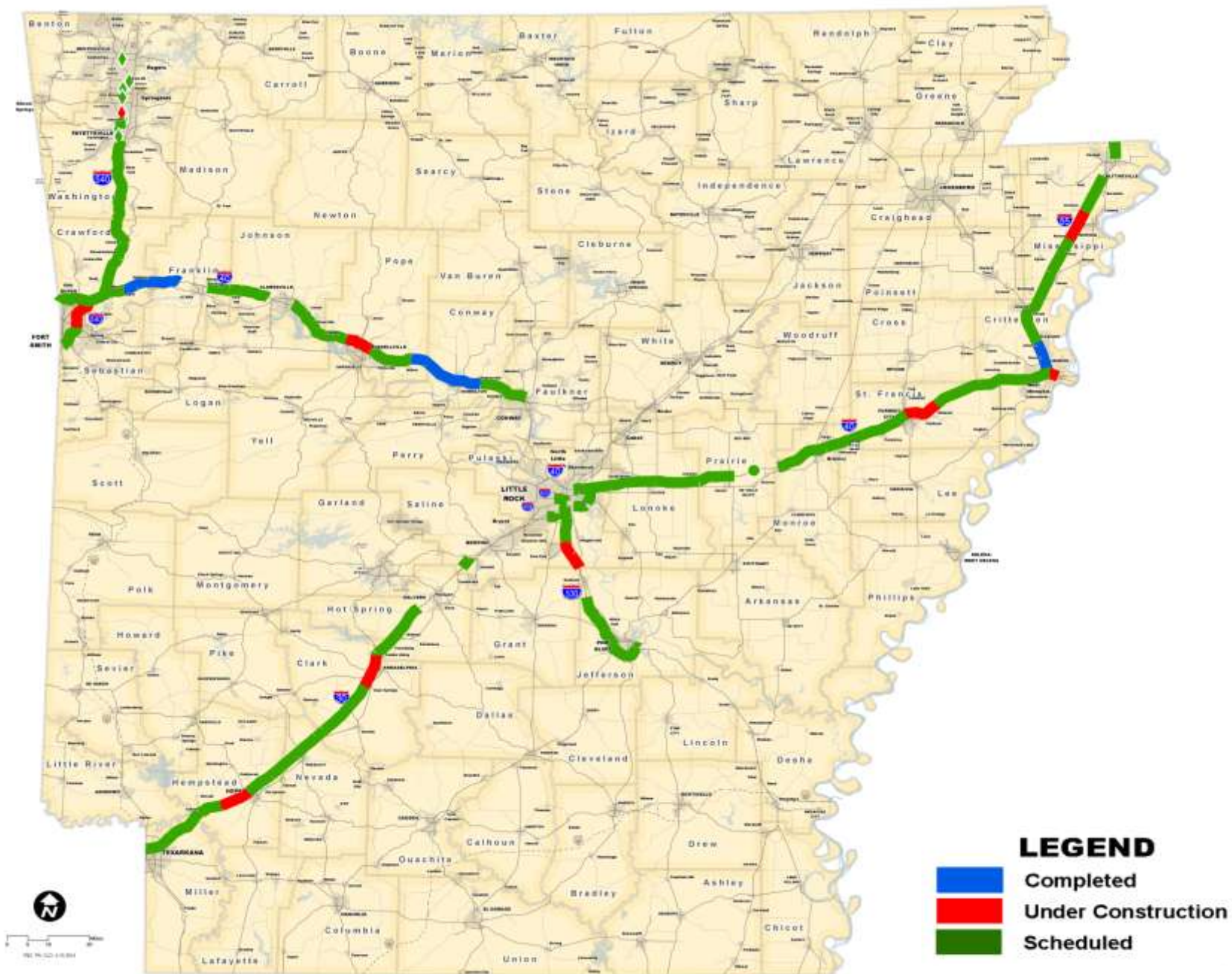


**November
2012**



Interstate Rehabilitation Program

Job Status



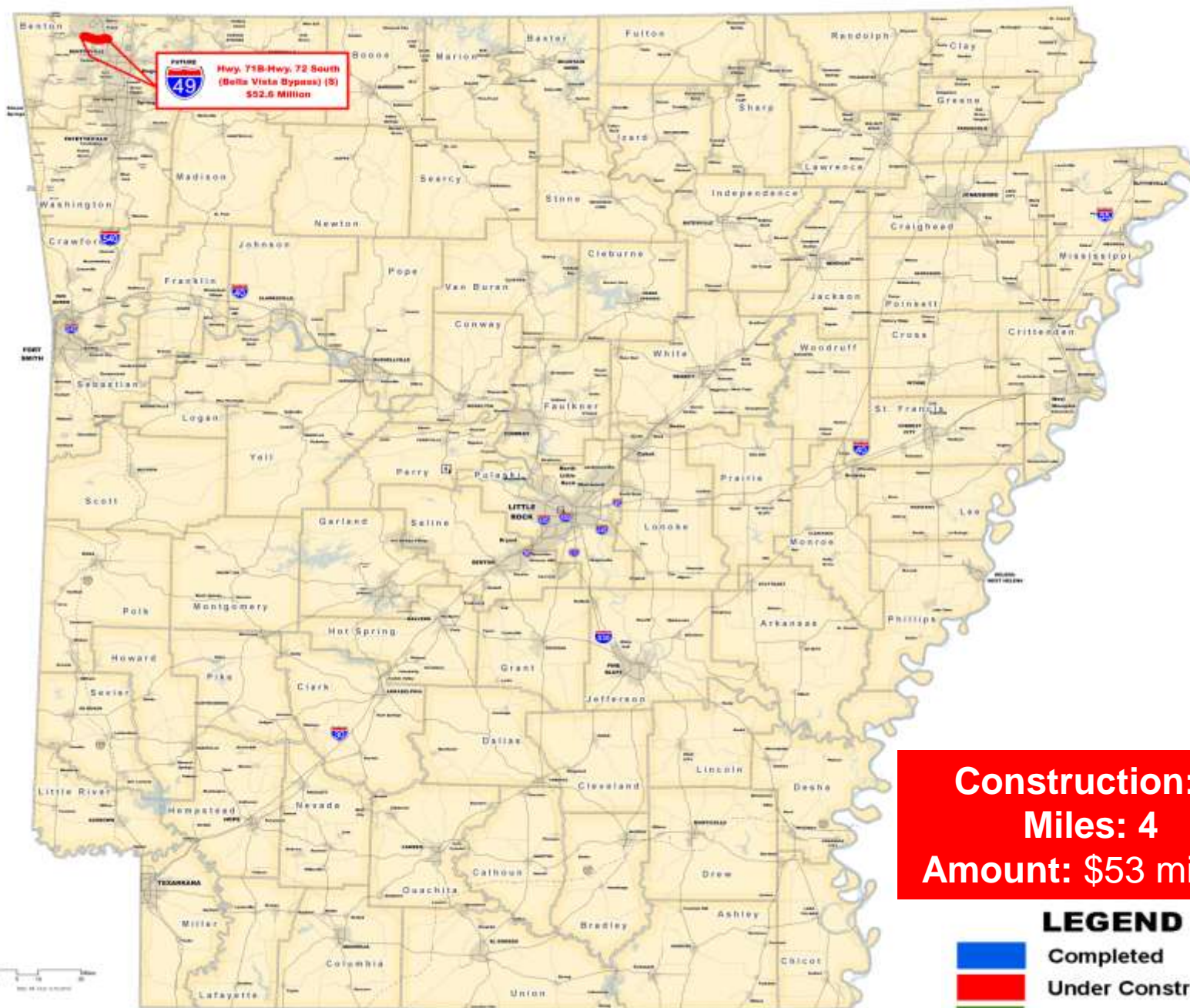


- ✓ Connects Arkansas
- ✓ Increases Capacity
- ✓ 10-Year Revenue Cap

Connecting Arkansas Program






Connecting Arkansas Program Under Construction



**Construction: 1
Miles: 4
Amount: \$53 million**

LEGEND

-  Completed
-  Under Construction
-  Scheduled





Turnback Funds
for cities and counties.





Highway Revenue Division

70/15/15 Formula

- ✓ **70% Arkansas Highway & Transportation Dept**
- ✓ **15% Arkansas Counties**
- ✓ **15% Arkansas Cities**



Highway Revenue Division

\$700 million for Local Improvements

✓ **\$350 million for *county roads***

✓ **\$350 million for *city streets***

Interstate 430/630 Interchange Improvement Project

The 'Big Rock' Interchange



Why Big Rock ???



Big Rock *Aerial View*



Big Rock Background



Before Big Rock



The Plan

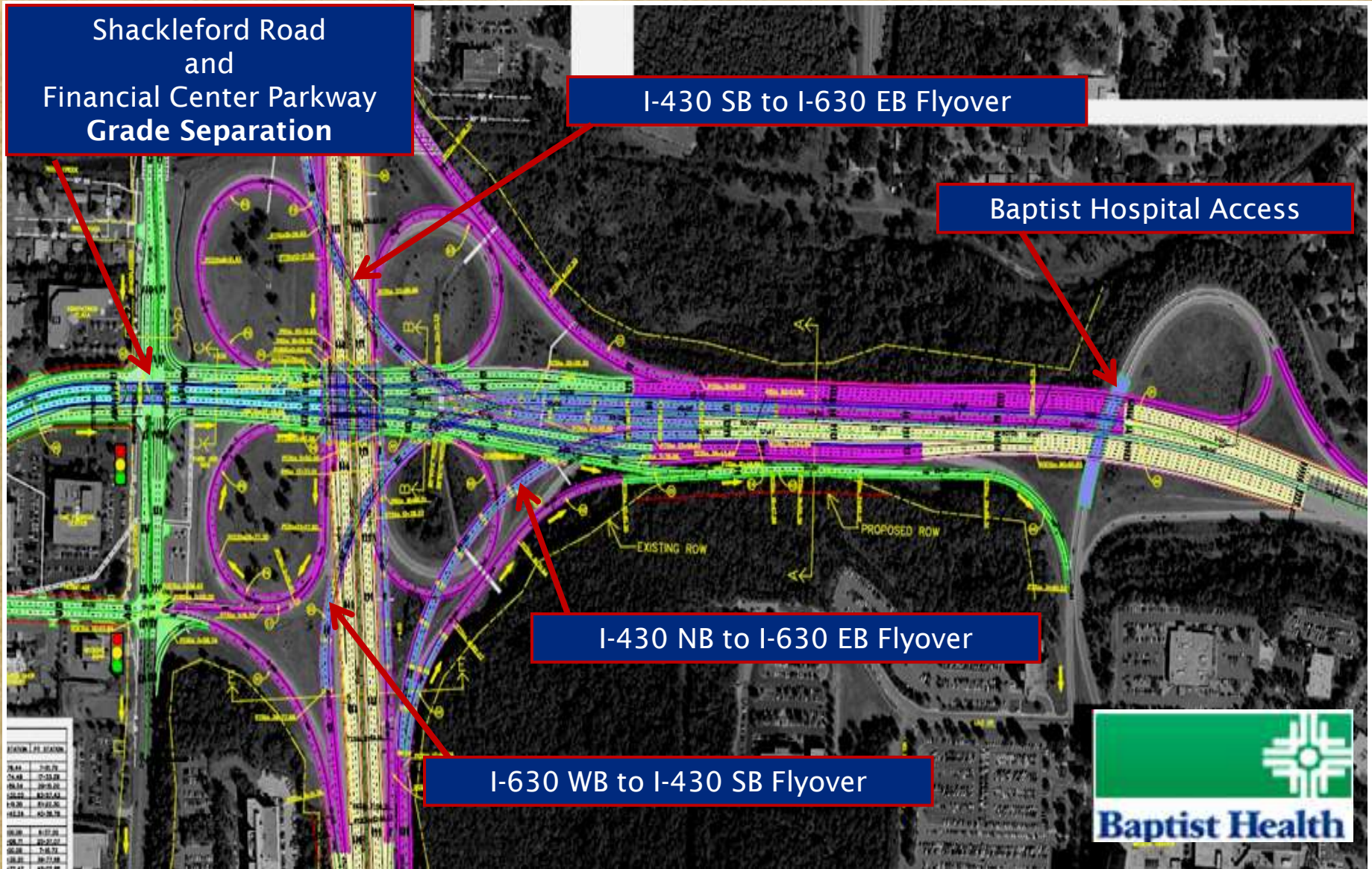
Shackleford Road
and
Financial Center Parkway
Grade Separation

I-430 SB to I-630 EB Flyover

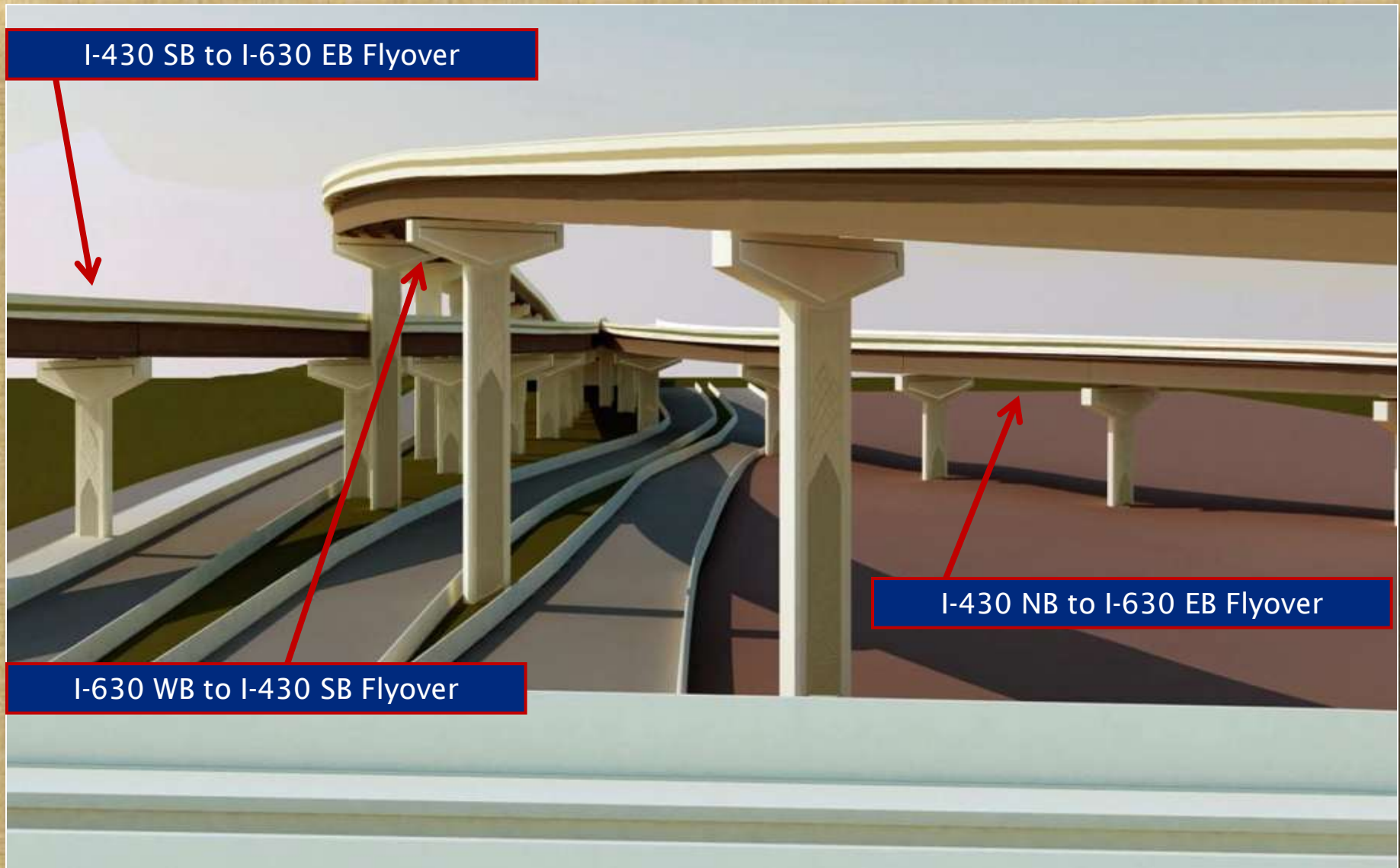
Baptist Hospital Access

I-430 NB to I-630 EB Flyover

I-630 WB to I-430 SB Flyover



Big Rock *Flyover Ramps*



Shackleford Rd. Overpass



Maintaining *Traffic Flow*



Pouring it on ***THICK!!***



I-430 / I-630 INTERCHANGE *TRIVIA*

ESTIMATED QUANTITIES FOR CONSTRUCTION



**How Much
Concrete ????**

I-430 / I-630 INTERCHANGE *TRIVIA*

ESTIMATED QUANTITIES FOR CONSTRUCTION



**Over 100,000 cubic
yards or 200,000 tons!!**

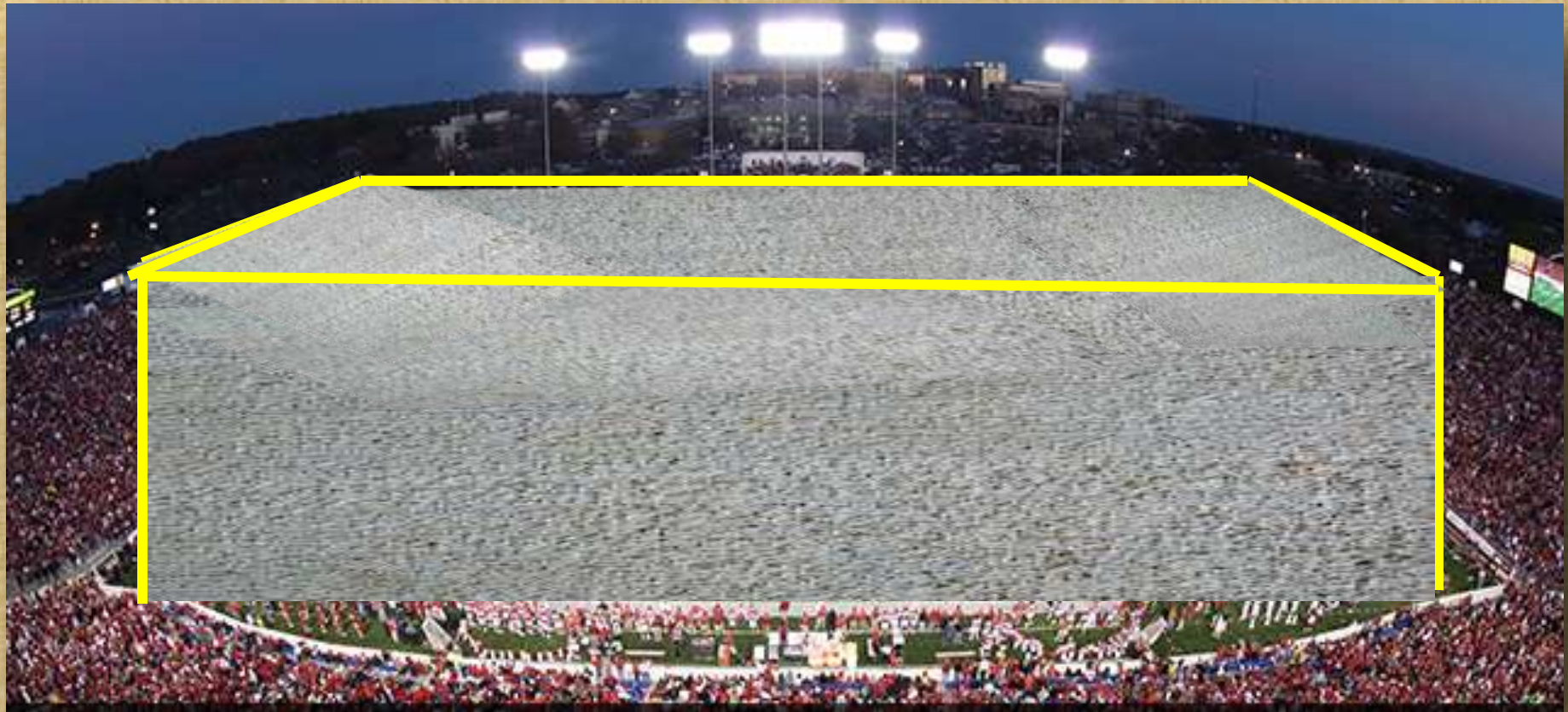
I-430 / I-630 INTERCHANGE *TRIVIA*

ESTIMATED CONCRETE QUANTITY FOR CONSTRUCTION



I-430 / I-630 INTERCHANGE *TRIVIA*

ESTIMATED CONCRETE QUANTITY FOR CONSTRUCTION





Big Rock Interchange
When is it complete??





Big Rock Interchange
Complete: Mid 2015





- Sam Peck Rd. to Pleasant Valley Dr.
- 1.8 miles
- Widen - 6 Lanes
- \$20 million
- Est. Award: 2016



- Highway 10 to I-430 Northbound
- Interchange Improvement
- \$6 million
- Est. Award: 2015



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

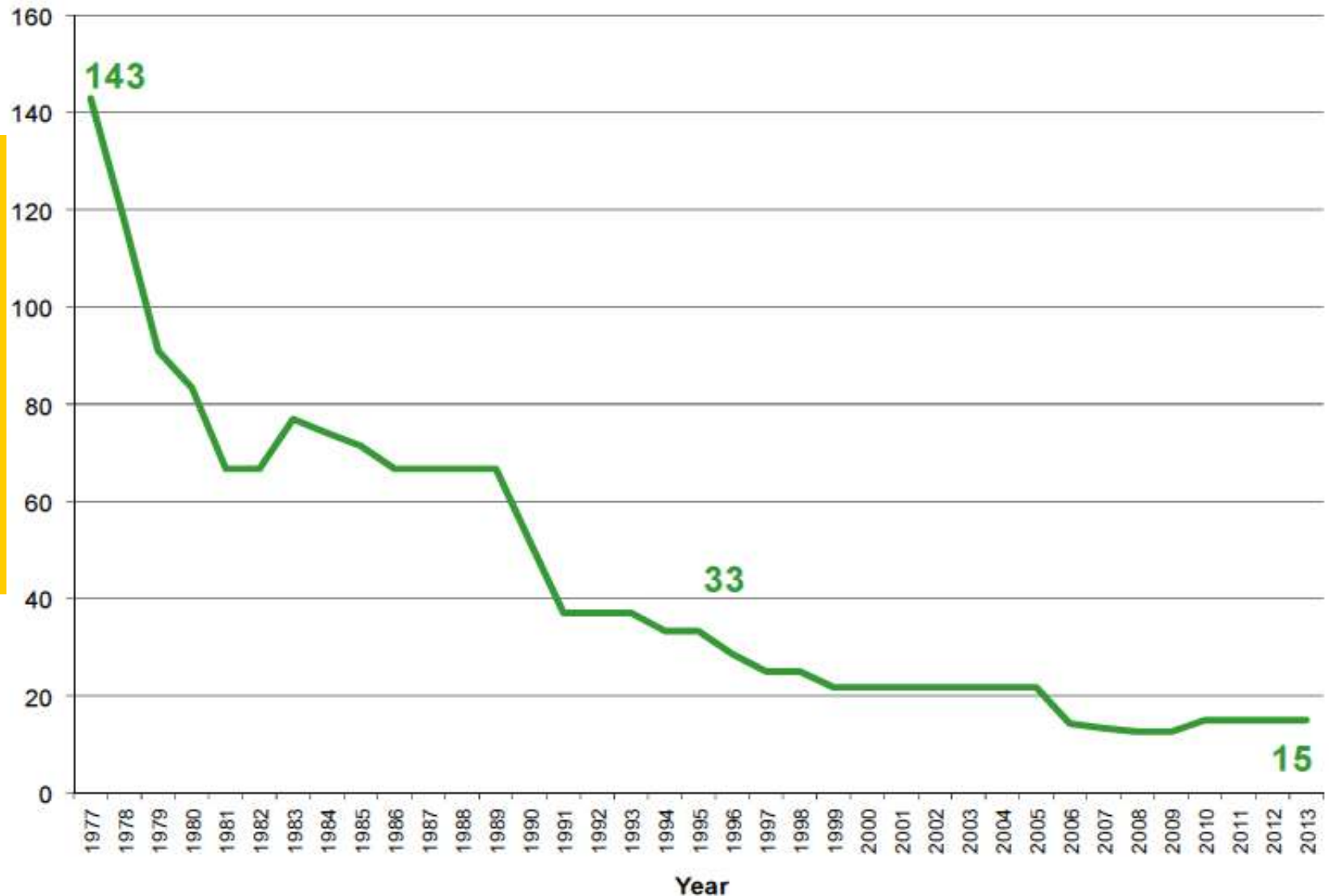
How We Compare

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

The Shrinking Highway Dollar

\$100,000,000 Widening Program

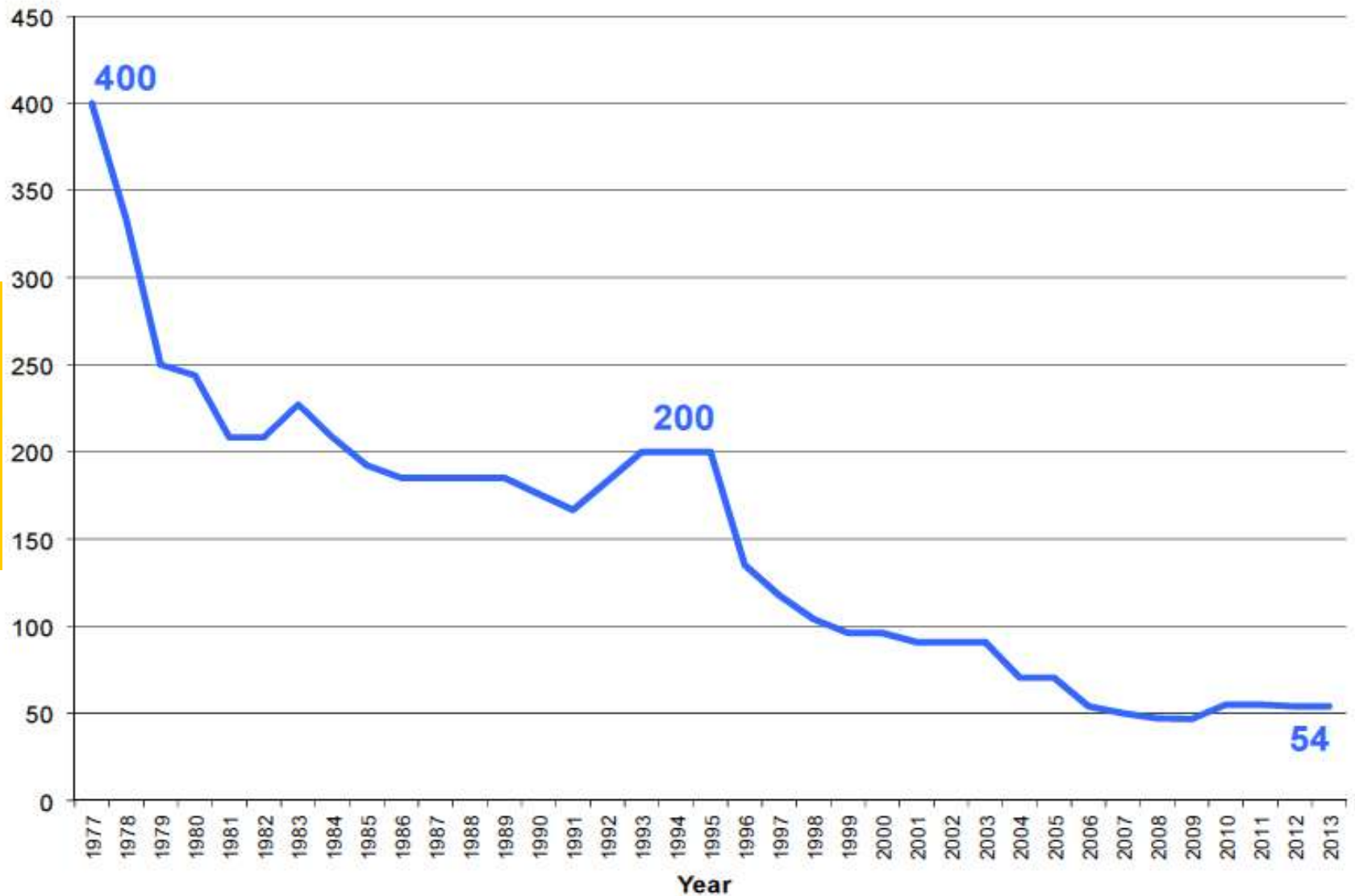
Miles of Widening
Rural Highway 2 to 5 lanes



The Shrinking Highway Dollar

\$10,000,000 Overlay Program

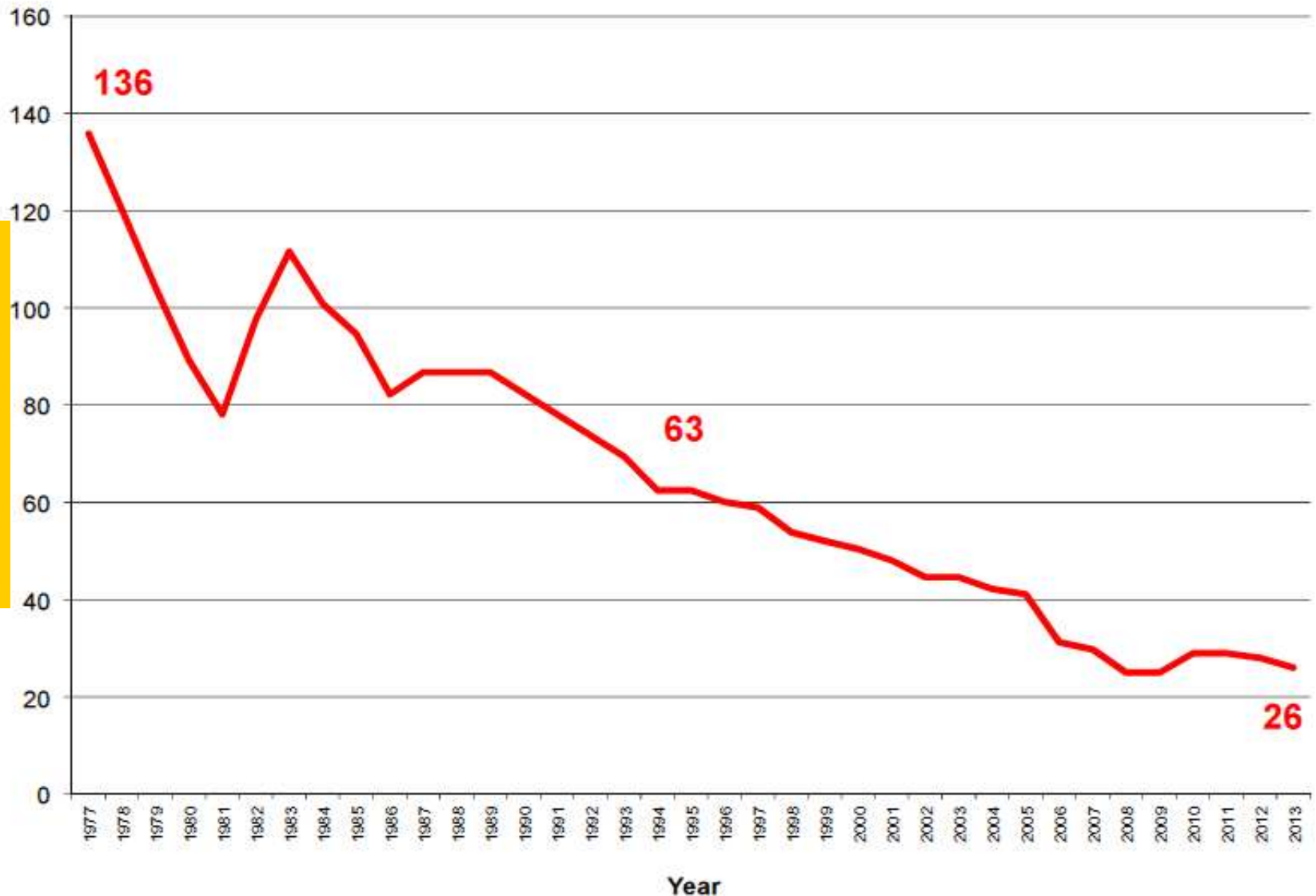
Miles of Overlay
2 lanes



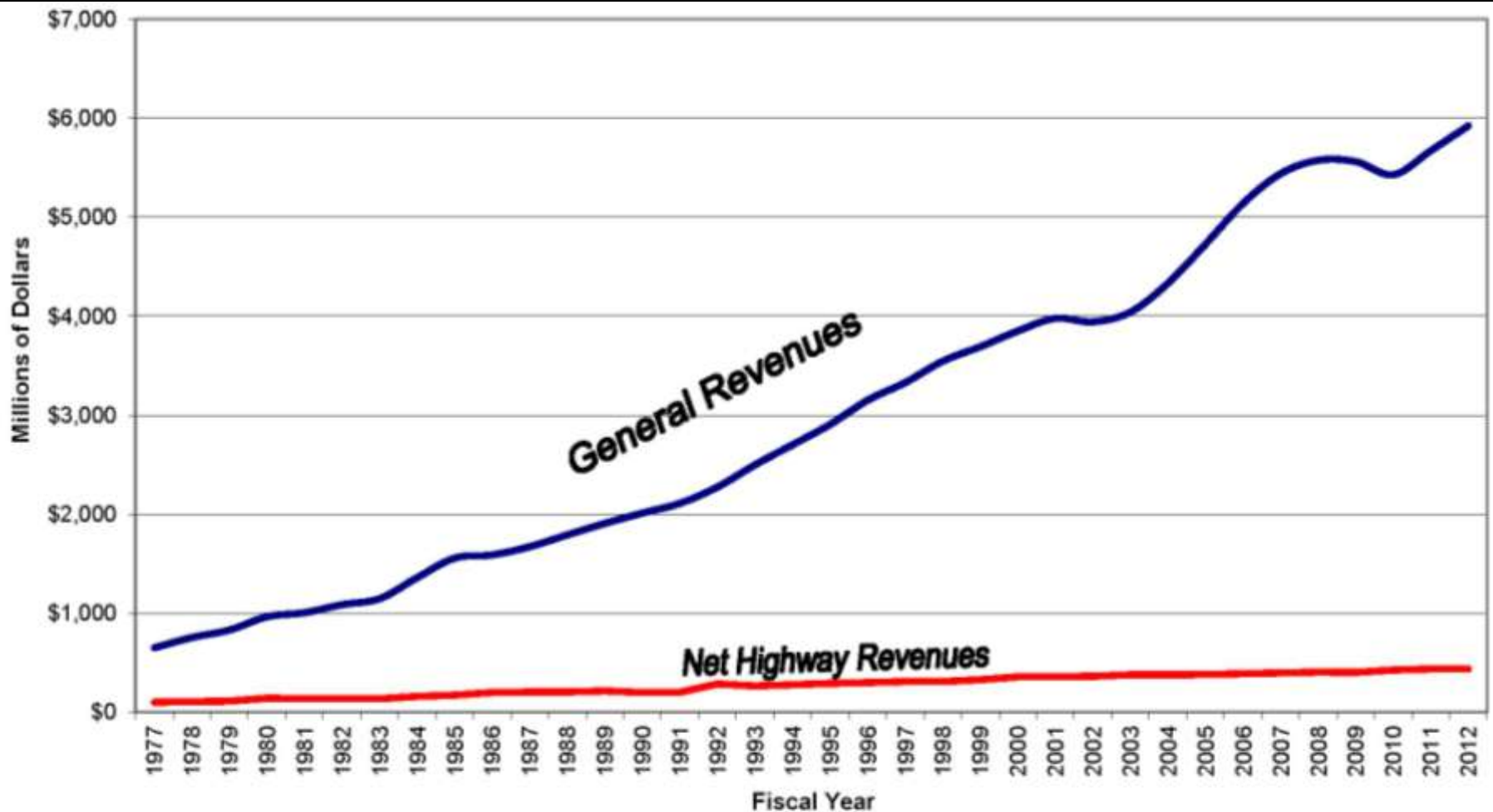
The Shrinking Highway Dollar

\$25,000,000 Bridge Program

Number of Bridges
Average size 40' X 200'



State General Revenues vs. AHTD Net Highway Revenues



— ARKANSAS STATE GENERAL REVENUES

— AHTD NET HIGHWAY REVENUES

Excludes County & City aid funds

Prepared by: Planning and Research 9/27/2012

Needs vs. *Revenue*



= 180 miles



= 450 miles

Needs vs. *Revenue*



+



Total = 630 miles

3.8%

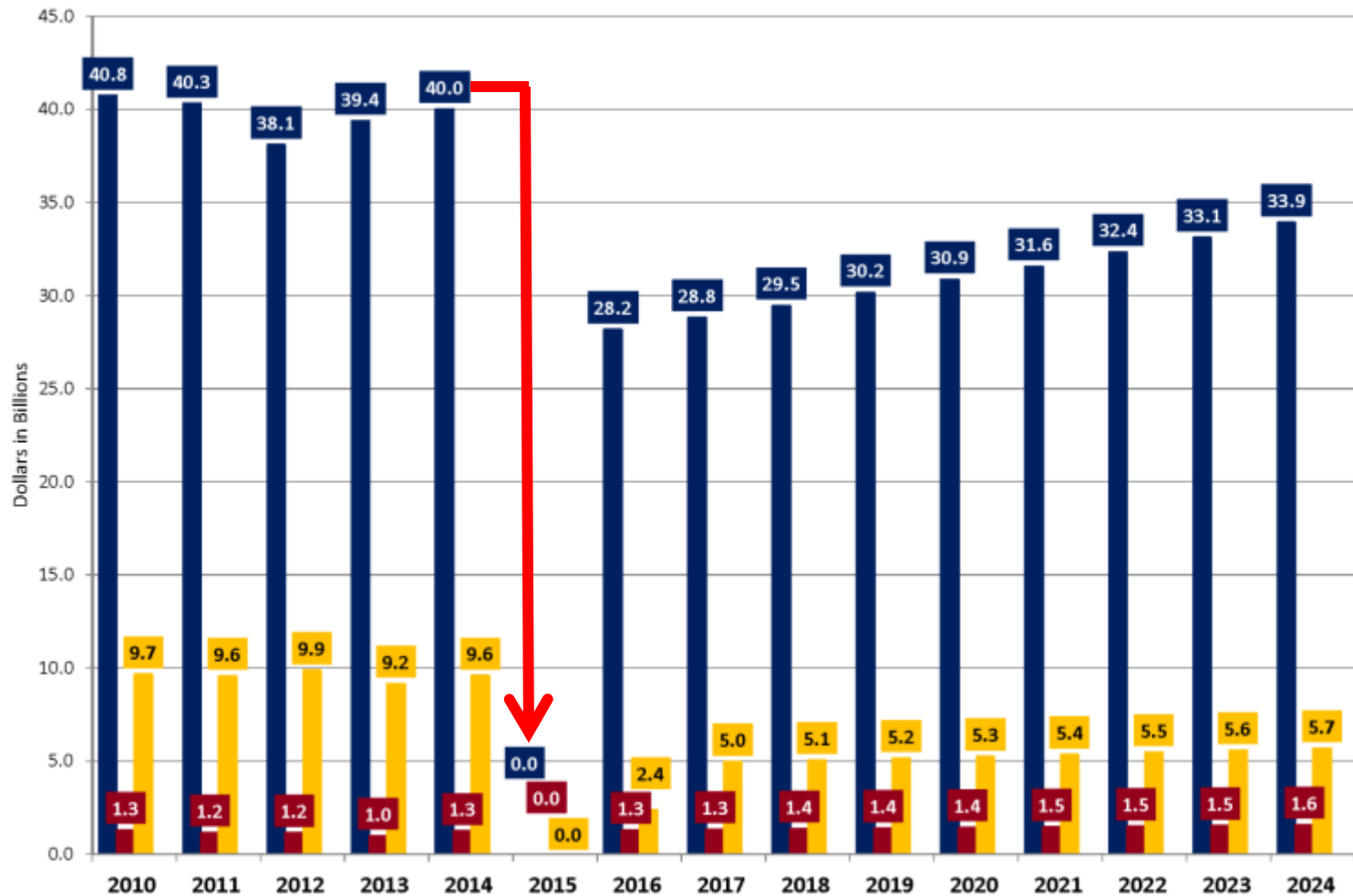
FEDERAL HIGHWAY TRUST FUND

ESTIMATED FEDERAL HIGHWAY AND TRANSIT OBLIGATIONS WITH NO NET NEW REVENUE

Highway Safety

Federal Aid Highway

Transit



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

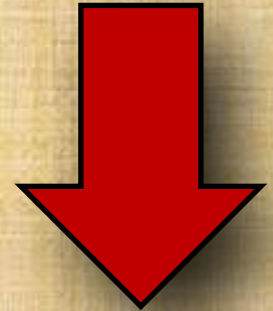
Rank	Country/Economy	Score
14	Bahrain	6.0
15	Canada	6.0
16	Japan	5.9
17	Belgium	5.9
18	Spain	5.8
19	Sweden	5.8
20	Oman	5.8
21	Barbados	5.8
22	Korea	5.8
23	Saudi Arabia	5.8
24	United Kingdom	5.6
25	United States	5.6



Cost



Revenue

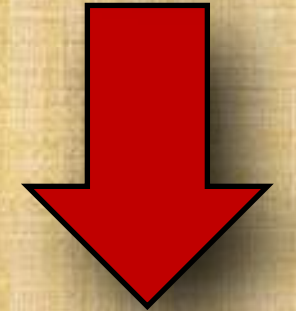




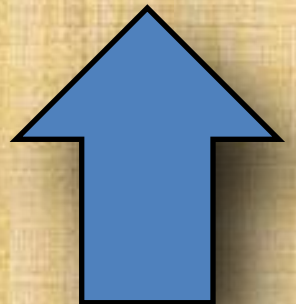
Cost



Revenue

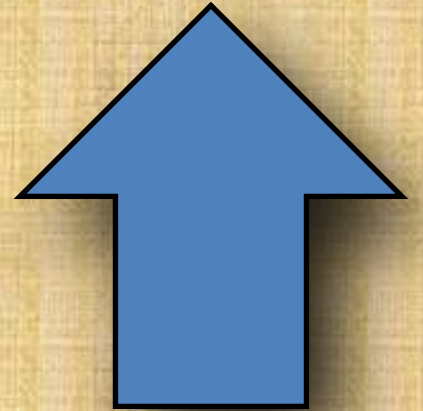


Expectations





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)

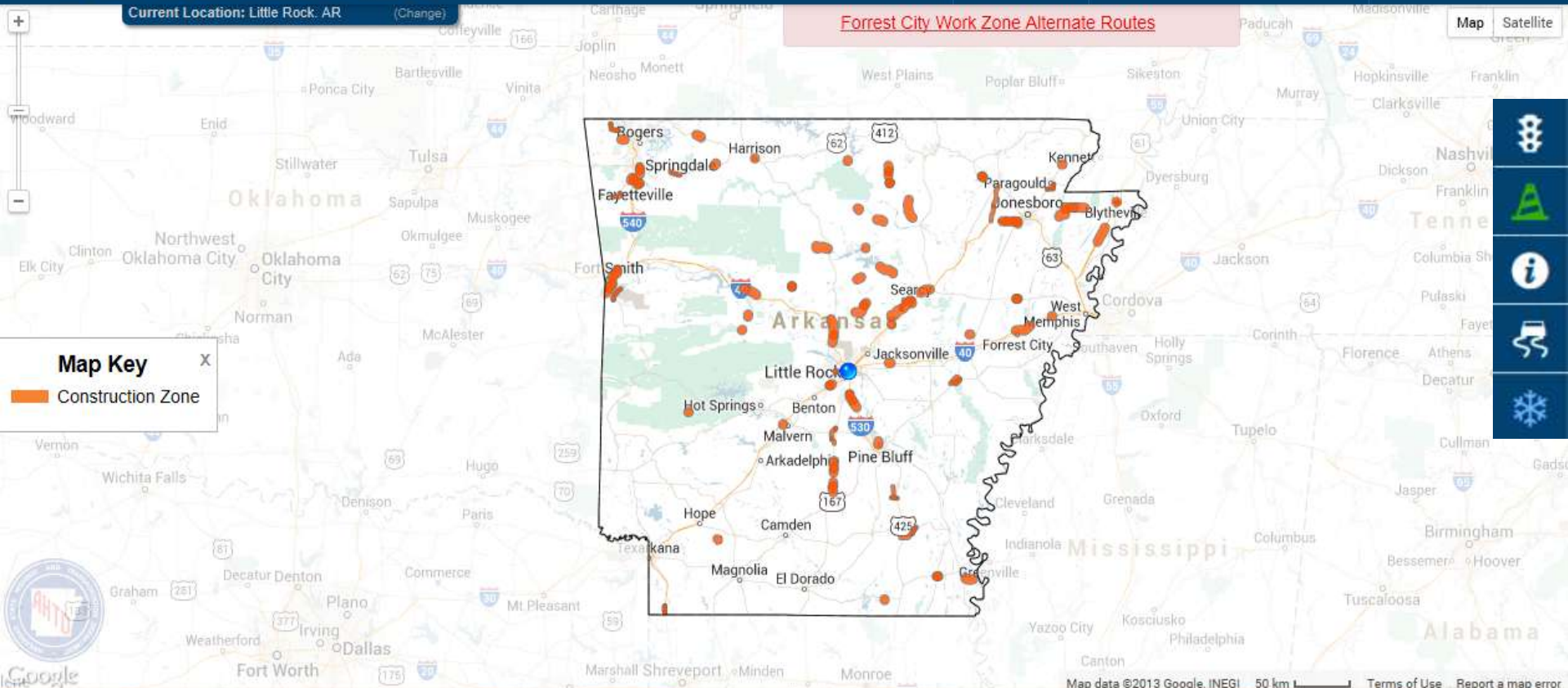
Current Location: Little Rock, AR (Change)

[Forrest City Work Zone Alternate Routes](#)

[Map](#) [Satellite](#)

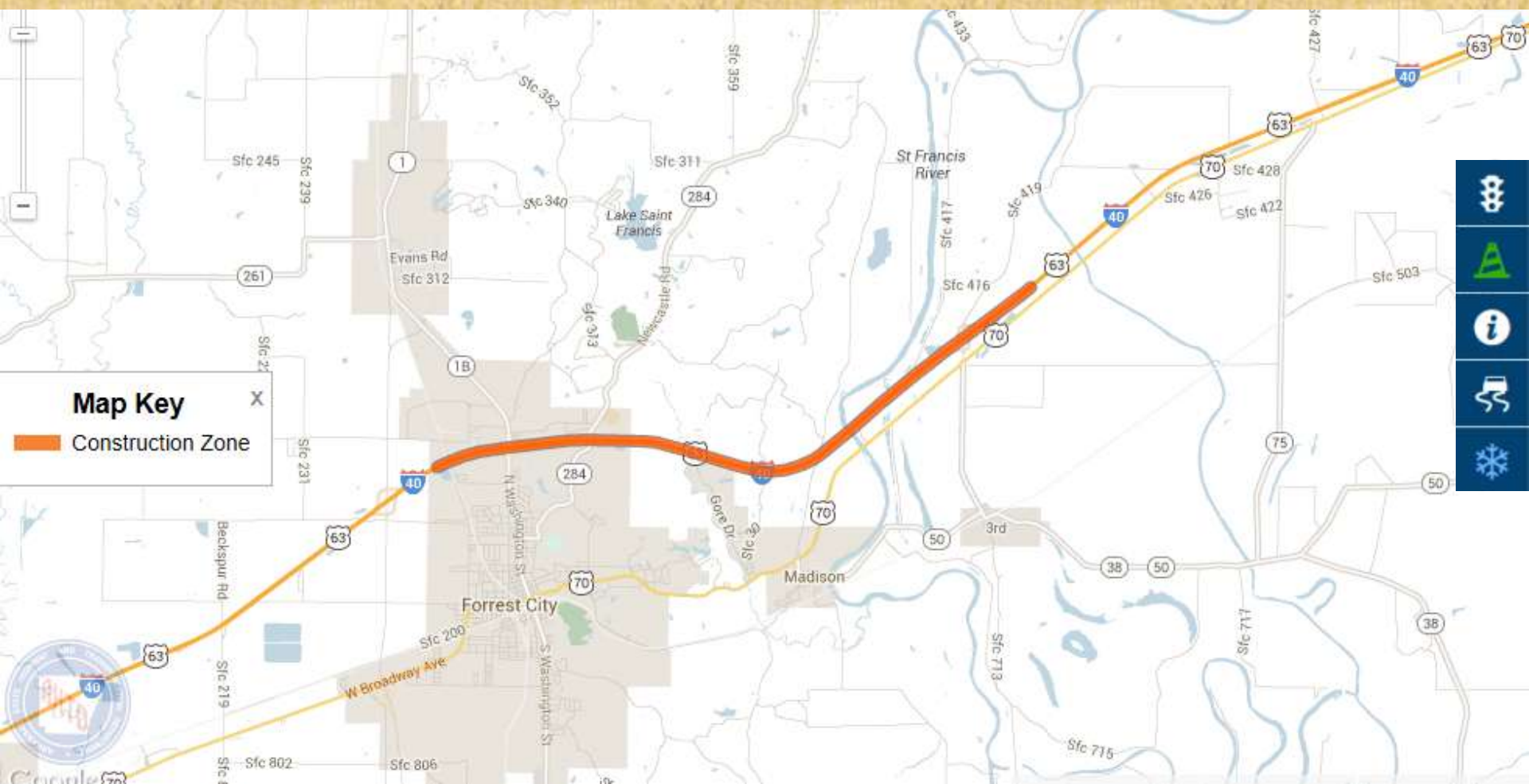
Map Key

 Construction Zone



Google

Map data ©2013 Google, INEGI 50 km  [Terms of Use](#) [Report a map error](#)



Construction



Project Name: Forrest City-East

Length: 8.3 Miles

Location: Mile Marker 239.8 - 248.1

Estimated Complete: Mid 2014

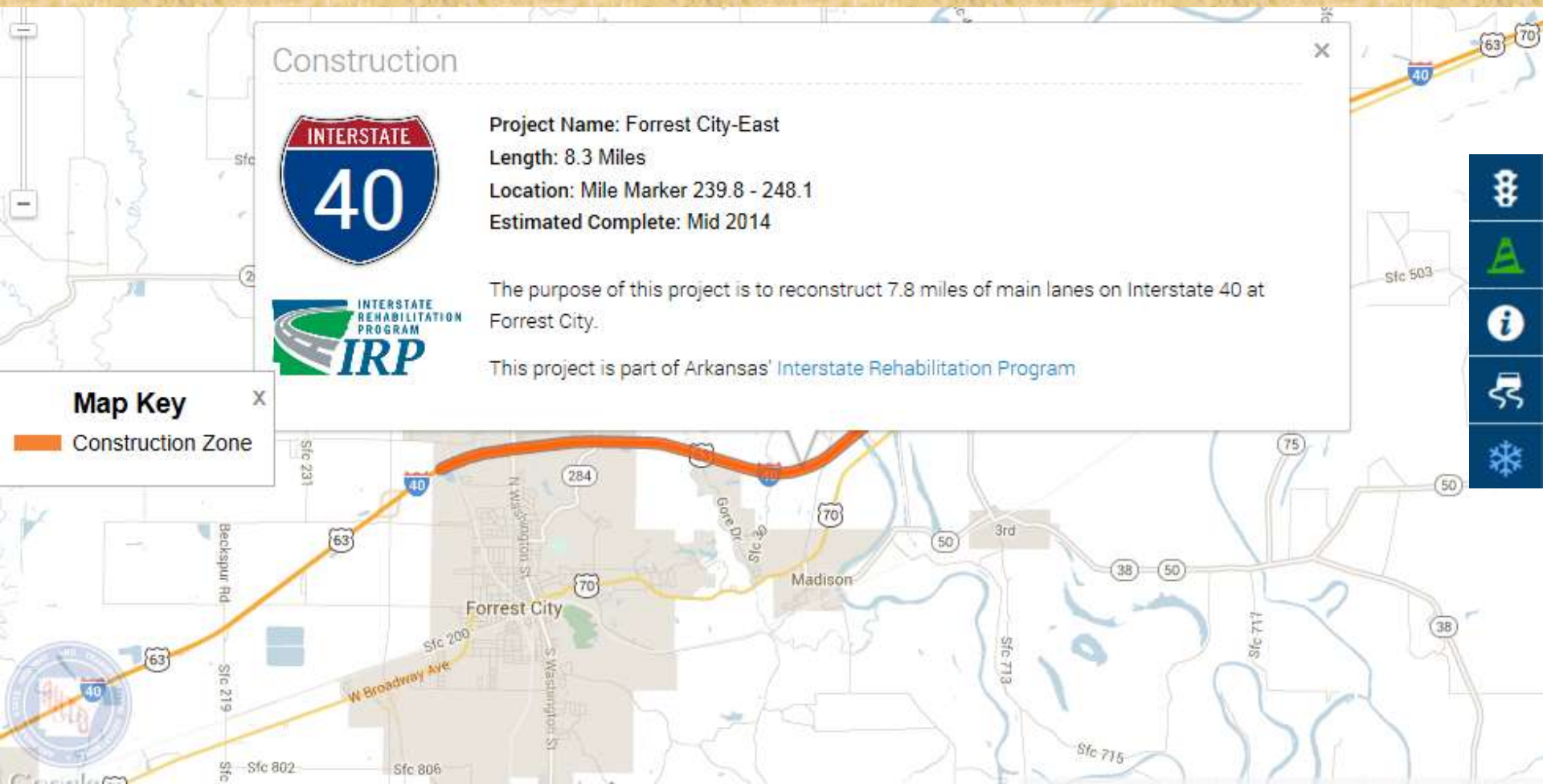


The purpose of this project is to reconstruct 7.8 miles of main lanes on Interstate 40 at Forrest City.

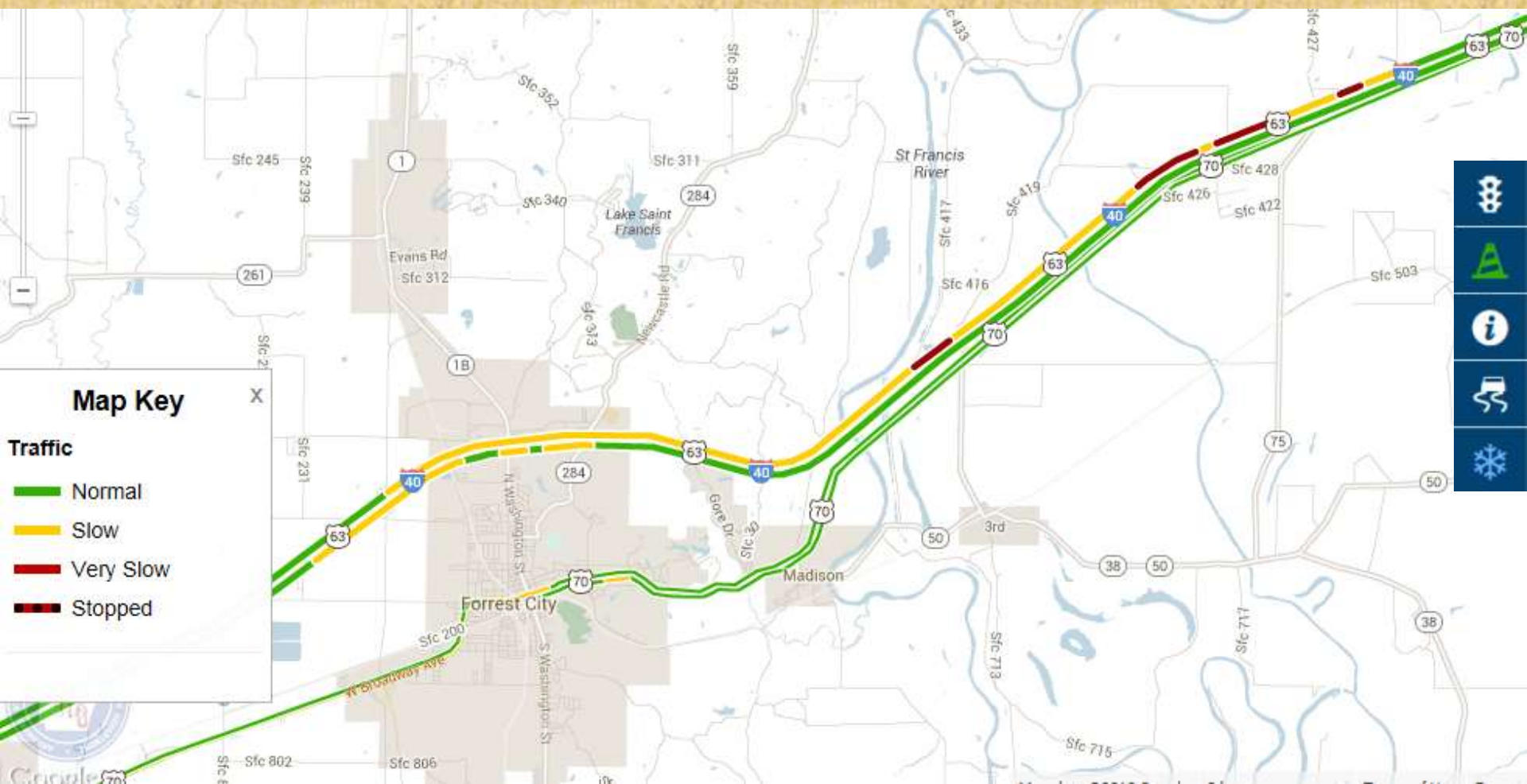
This project is part of Arkansas' [Interstate Rehabilitation Program](#)

Map Key

 Construction Zone







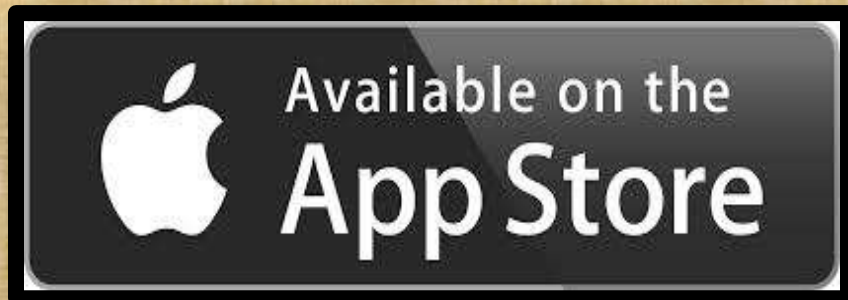


Map Key

X

Traffic

- Normal
- Slow
- Very Slow
- Stopped





ArkansasHighways.com

Litter Hotline 866-811-1222



@AHTD

