

Arkansas State Highway and Transportation Department



Engineering Excellence Awards Gala

Arkansas Governor's Mansion

Thursday, February 27, 2014

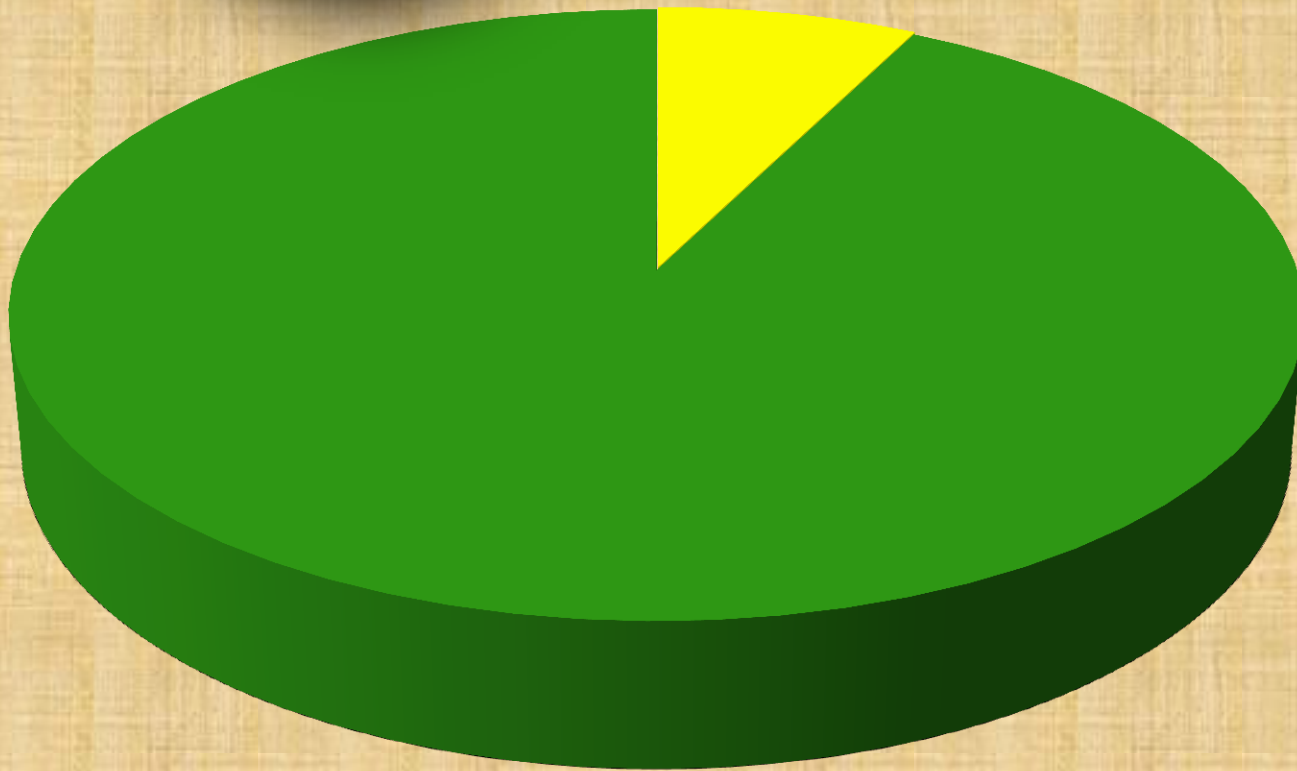


Engineering Staff

- ✓ **284 Engineers**
- ✓ **188 Professional Engineers**
- ✓ **96 Graduate Engineers**



Engineering Staff



- Engineers
- Others



Average Salaries

Professional Engineers	\$90,000
Others	\$41,000





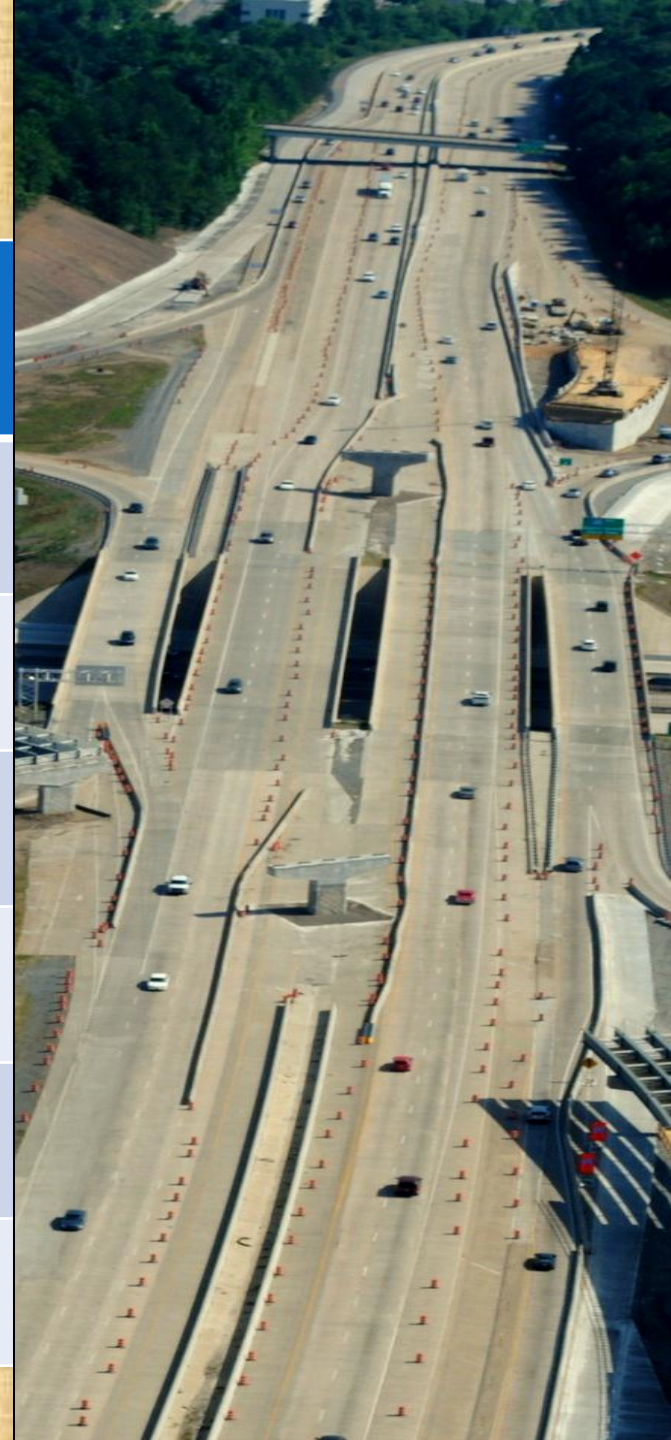
The Facts:

- **12th Largest System in USA**
- **16,400 miles**



How We Compare

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



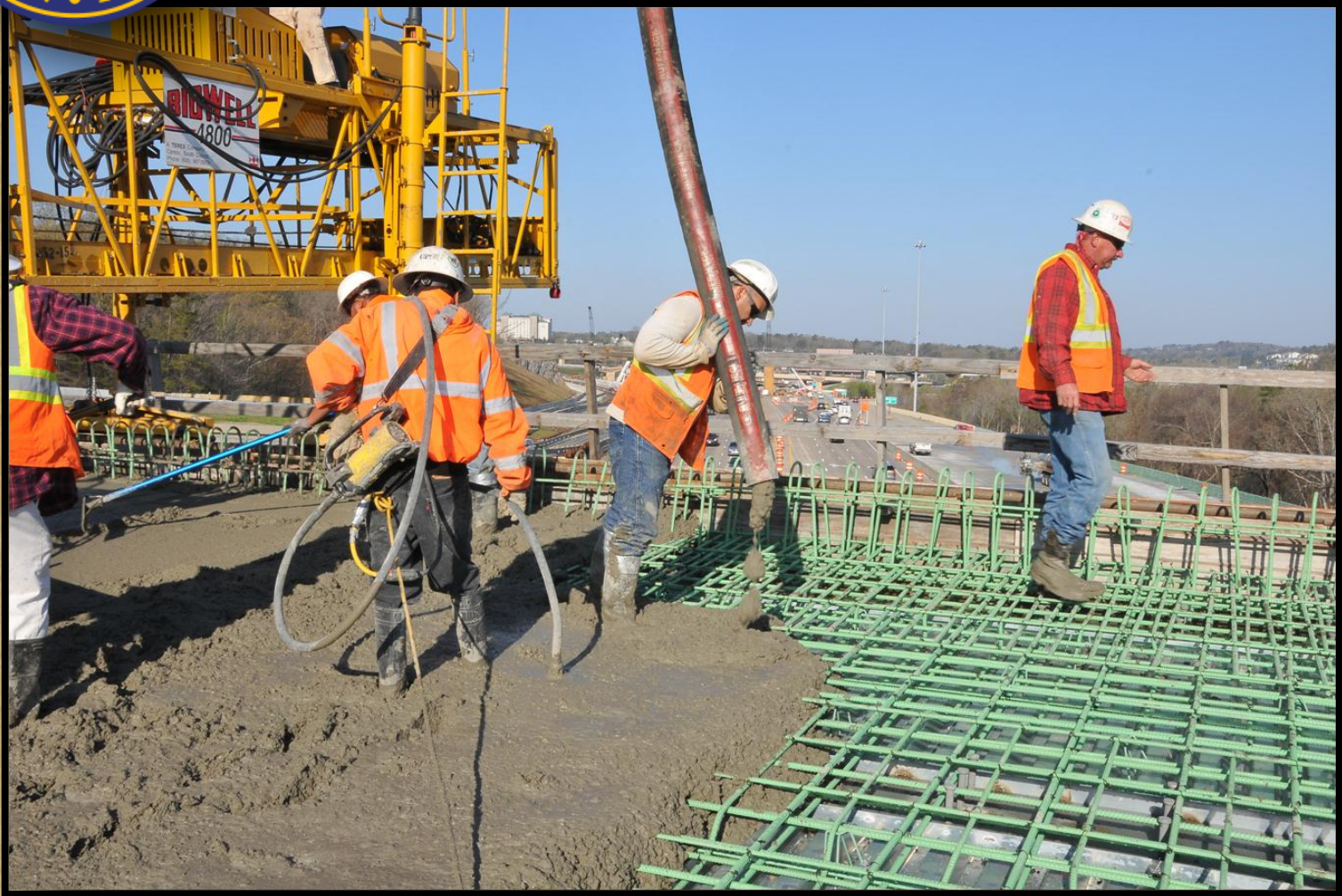


“Big Rock” Interchange





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



I-430 / I-630 “Big Rock” Interchange

TRIVIA



**How Much
Concrete ????**

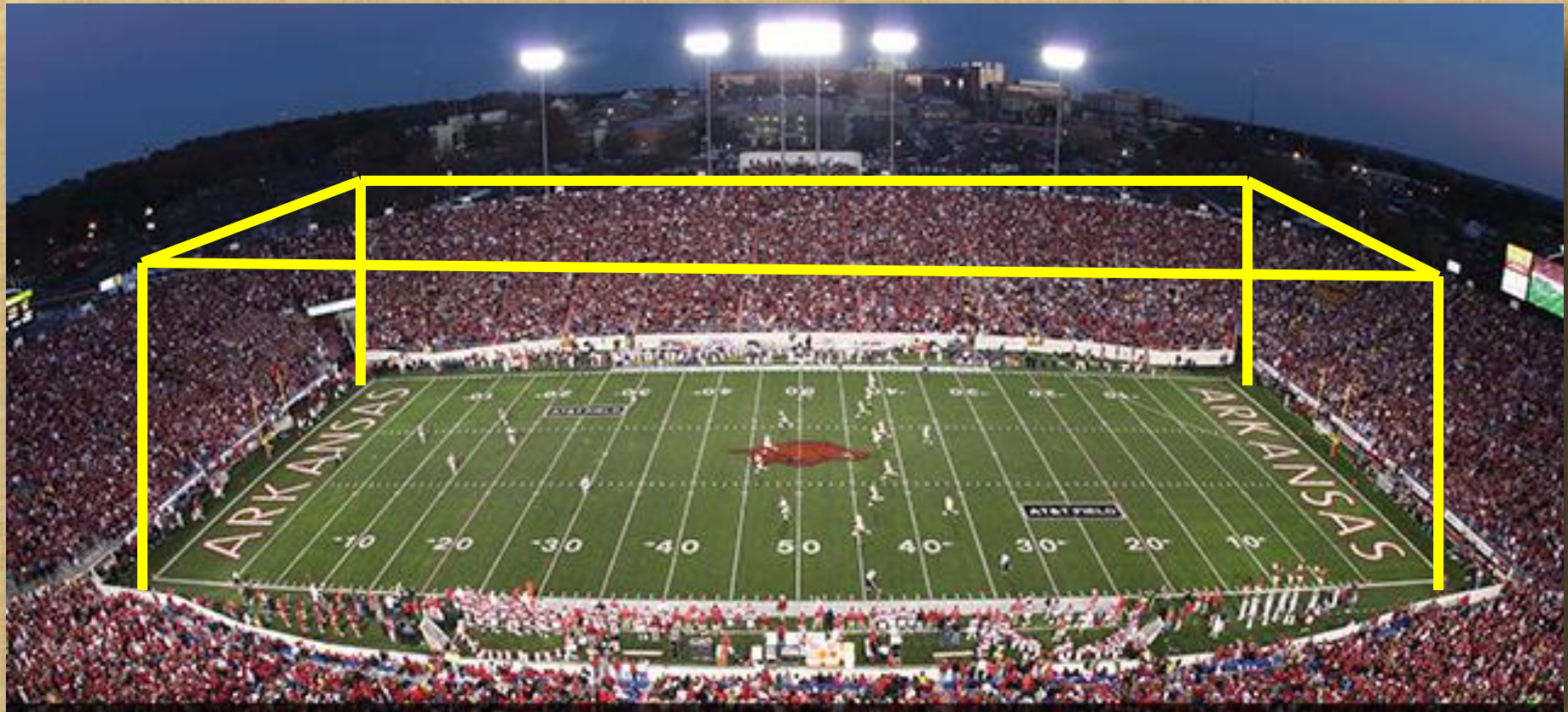
I-430 / I-630 “Big Rock” Interchange

TRIVIA

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

I-430 / I-630 “Big Rock” Interchange

TRIVIA



I-430 / I-630 “Big Rock” Interchange

TRIVIA





Clarendon - White River Bridge







Hess Creek Bridge





Bobby Hopper Tunnel





Bobby Hopper Tunnel



- ✓ Nearly 1,500 high pressure sodium lights
- ✓ Two 40,000 gallon water tanks in case of fire
- ✓ 29 motorist call boxes
- ✓ 10 video cameras
- ✓ 5 cross passages between the tubes
- ✓ 14 fire department hose connection cabinets



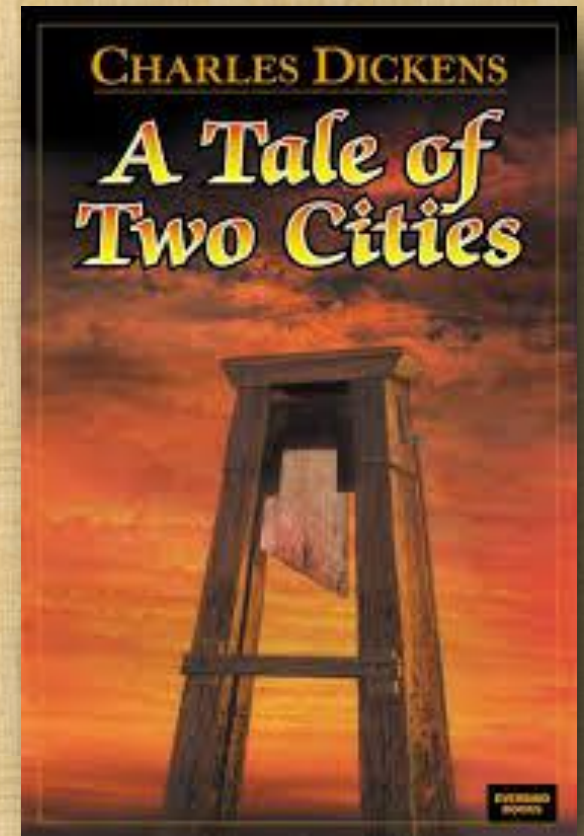


Downtown Little Rock



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

-A Tale of Two Cities
Charles Dickens



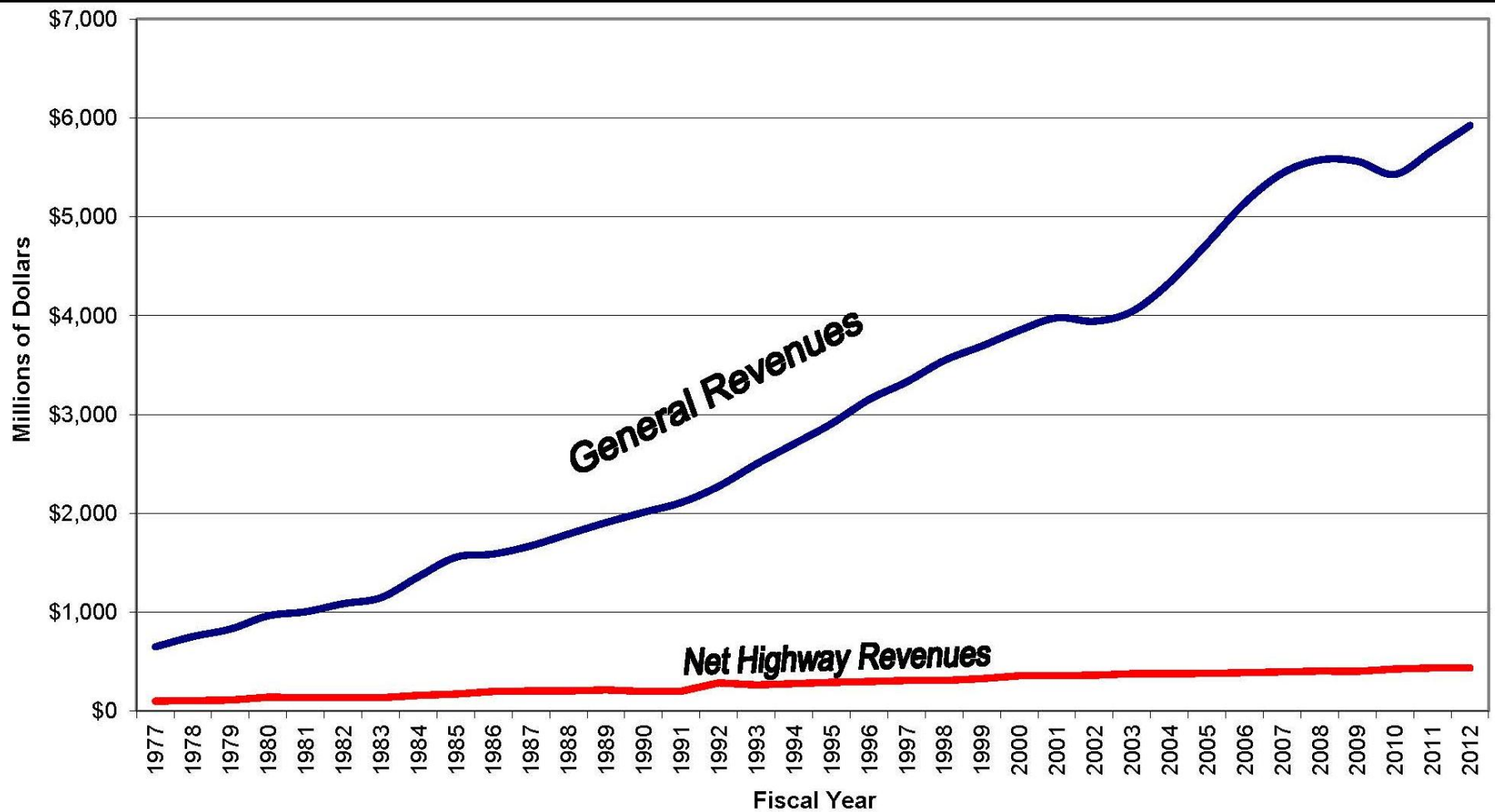


We're being asked to
do more with less...



We can only do less
with *less*.

State General Revenues vs. AHTD Net Highway Revenues



— ARKANSAS STATE GENERAL REVENUES — AHTD NET HIGHWAY REVENUES

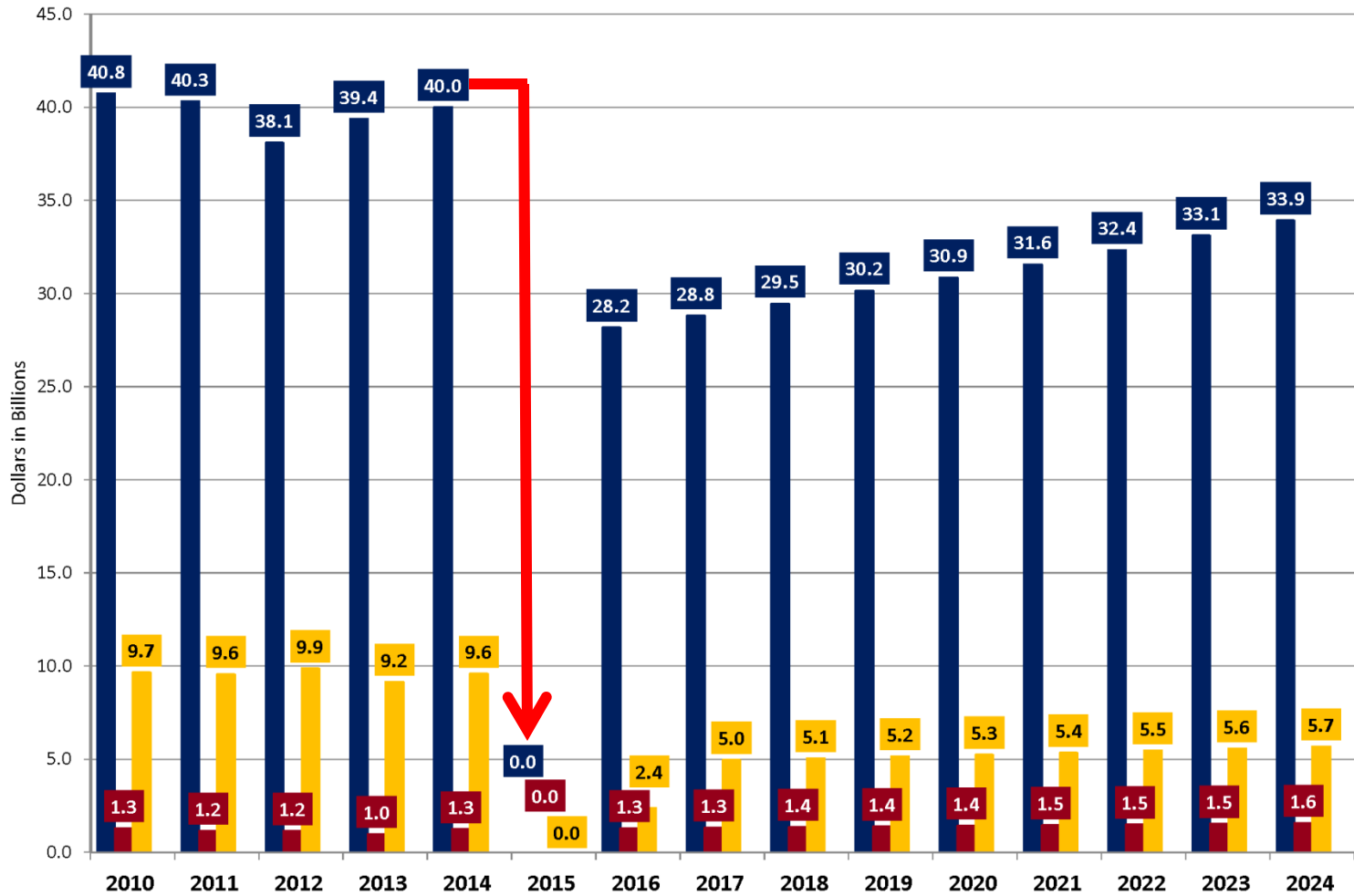
HIGHWAY TRUST FUND

ESTIMATED FEDERAL HIGHWAY AND TRANSIT OBLIGATIONS WITH NO NET NEW REVENUE

Highway Safety

Federal Aid Highway

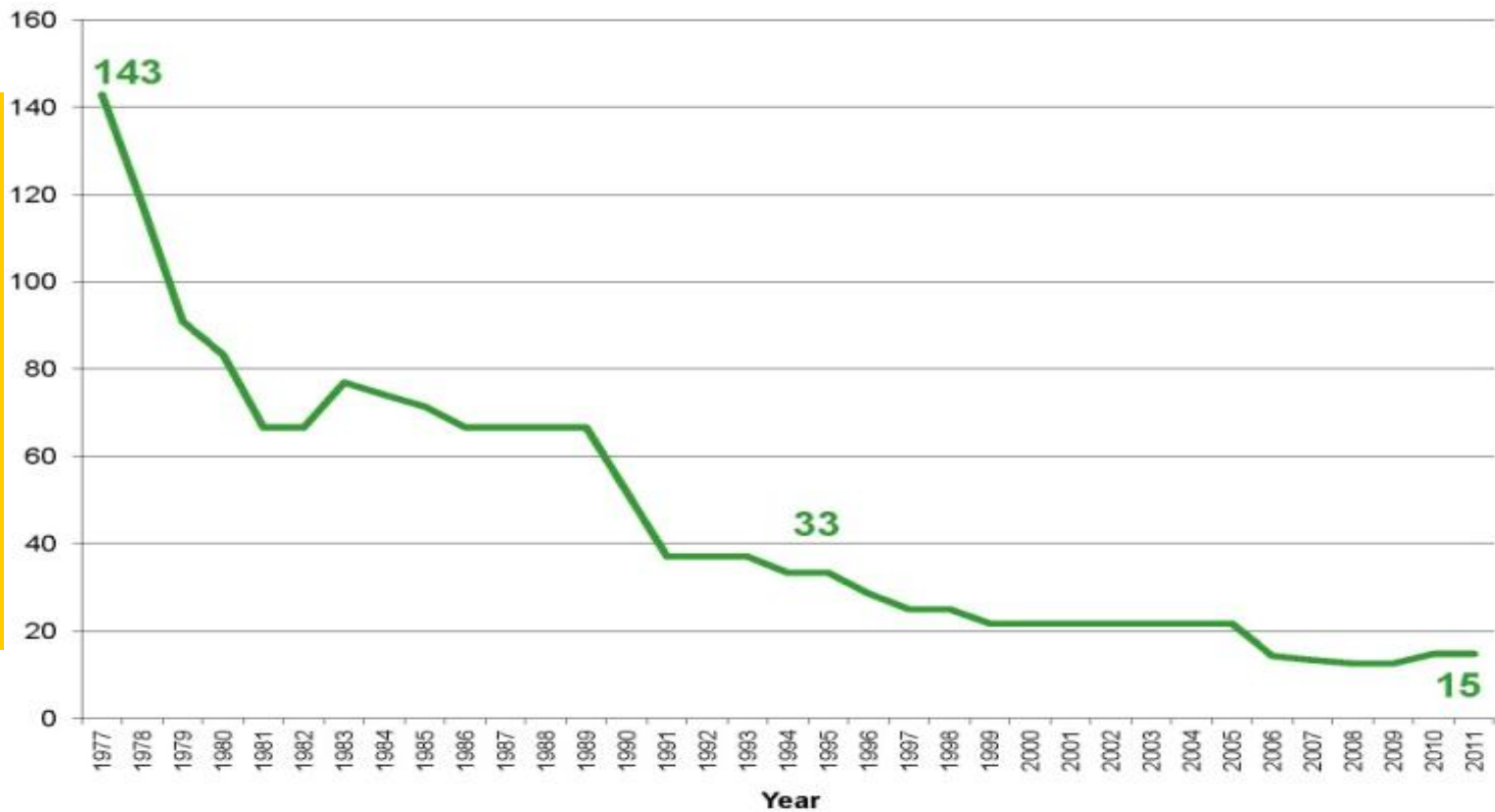
Transit



The Shrinking Highway Dollar

\$100,000,000 Widening Program

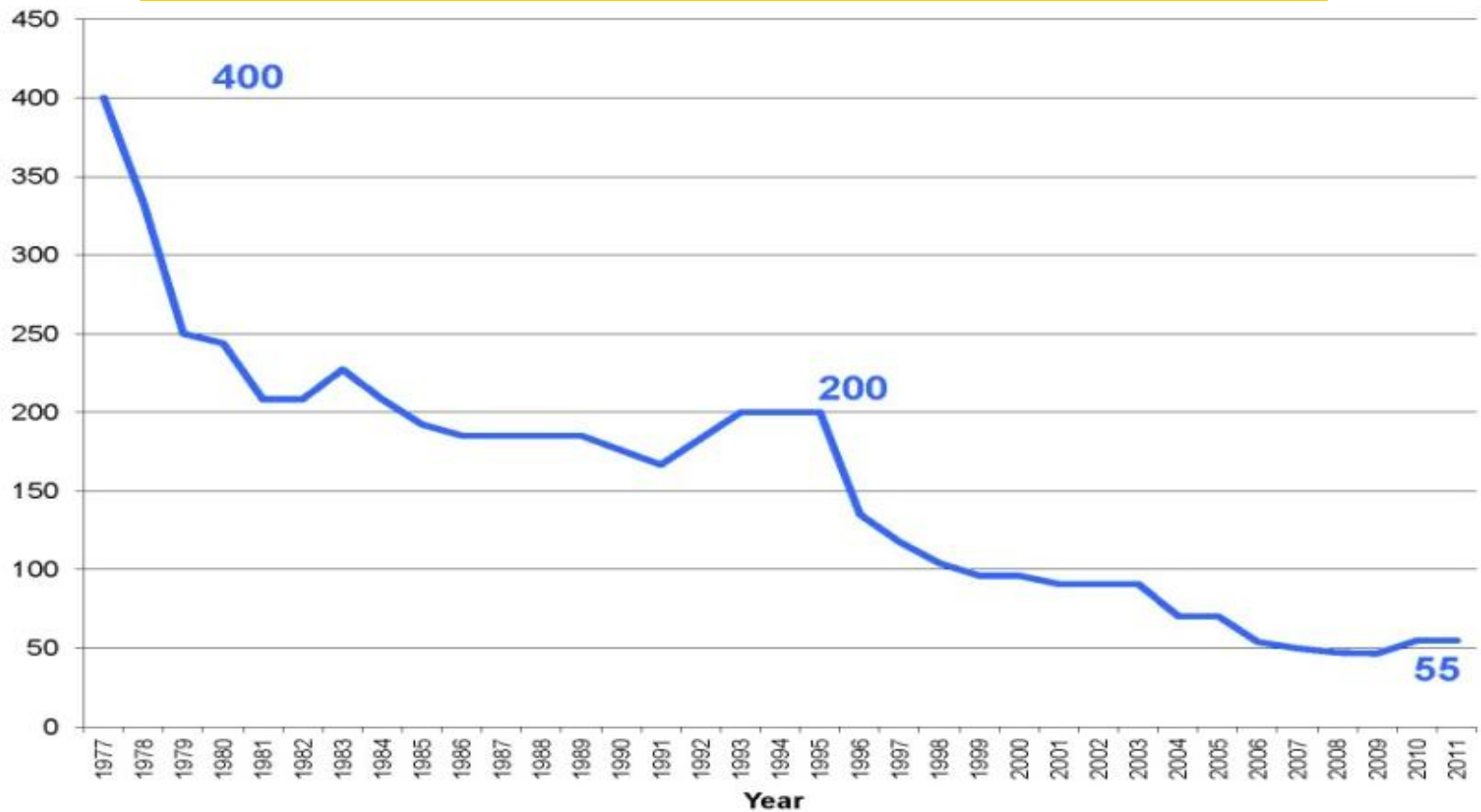
Miles of Widening
Rural Highway 2 to 5 lanes



The Shrinking Highway Dollar

\$10,000,000 Overlay Program

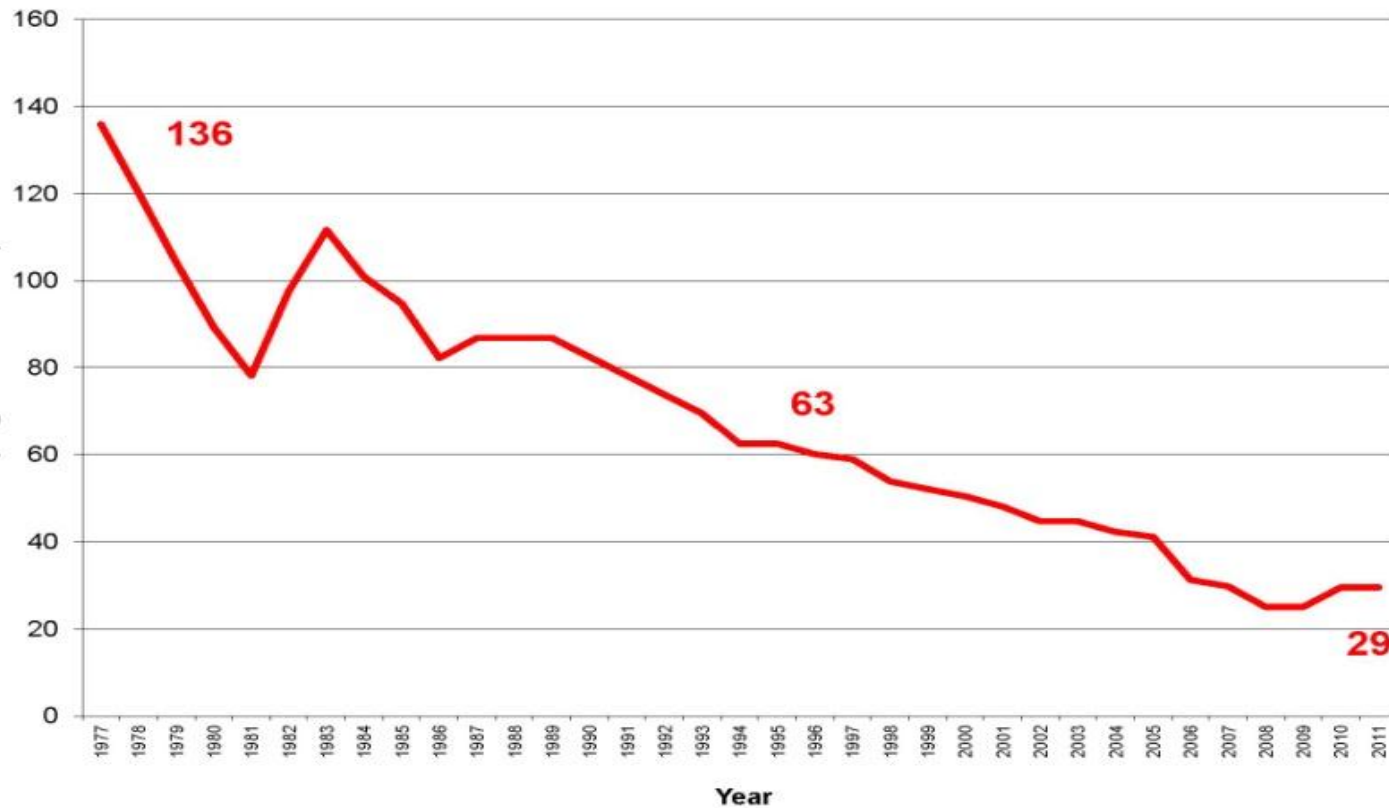
Miles of Overlay
2 lanes



The Shrinking Highway Dollar

\$25,000,000 Bridge Program

Number of Bridges
Average size 40' X 200'



Needs vs. *Revenue*



= 180 miles



= 450 miles

Needs vs. *Revenue*



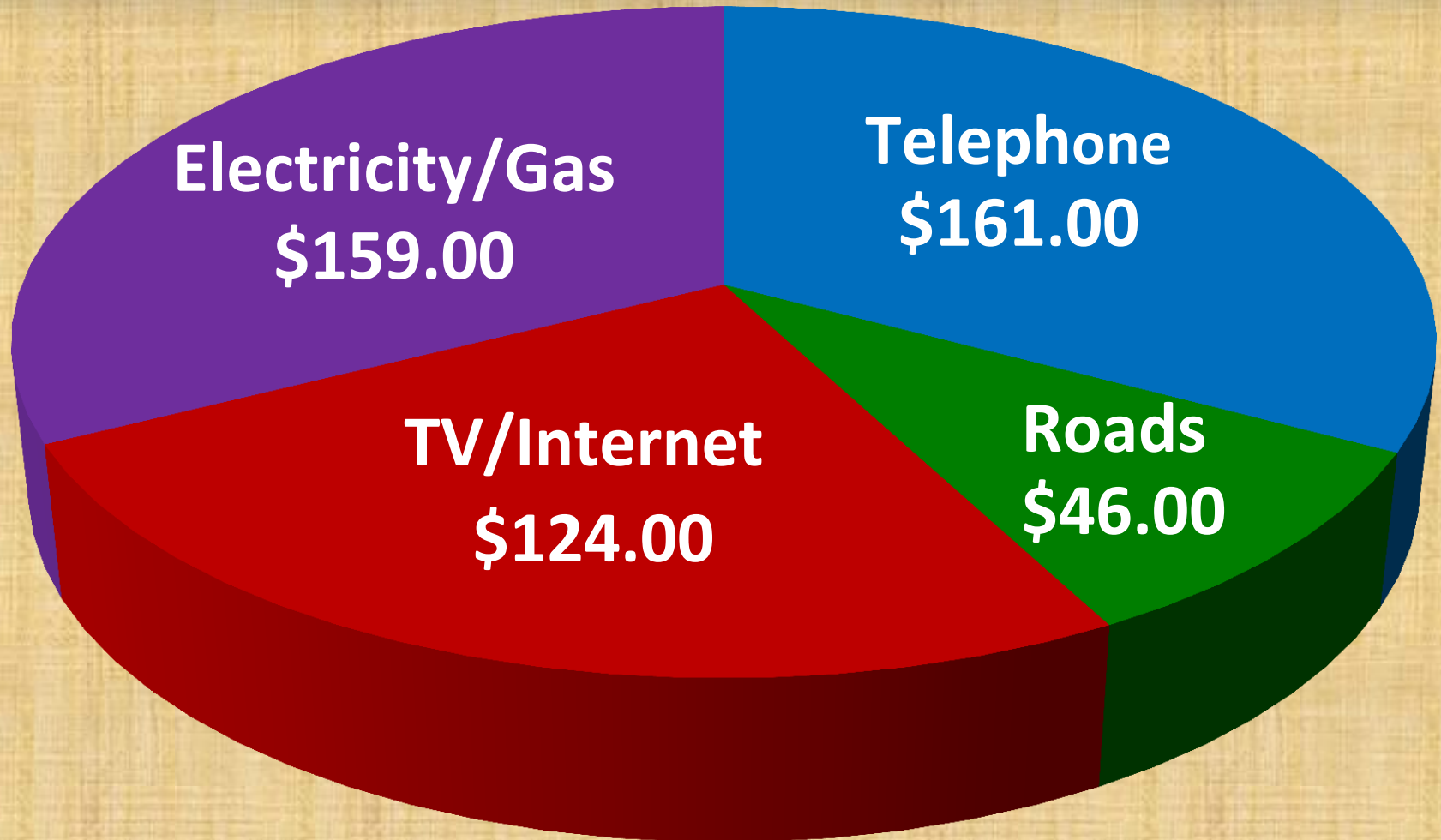
+



Total = 630 miles

3.8%

Average Monthly Household Expenditures





My real job!



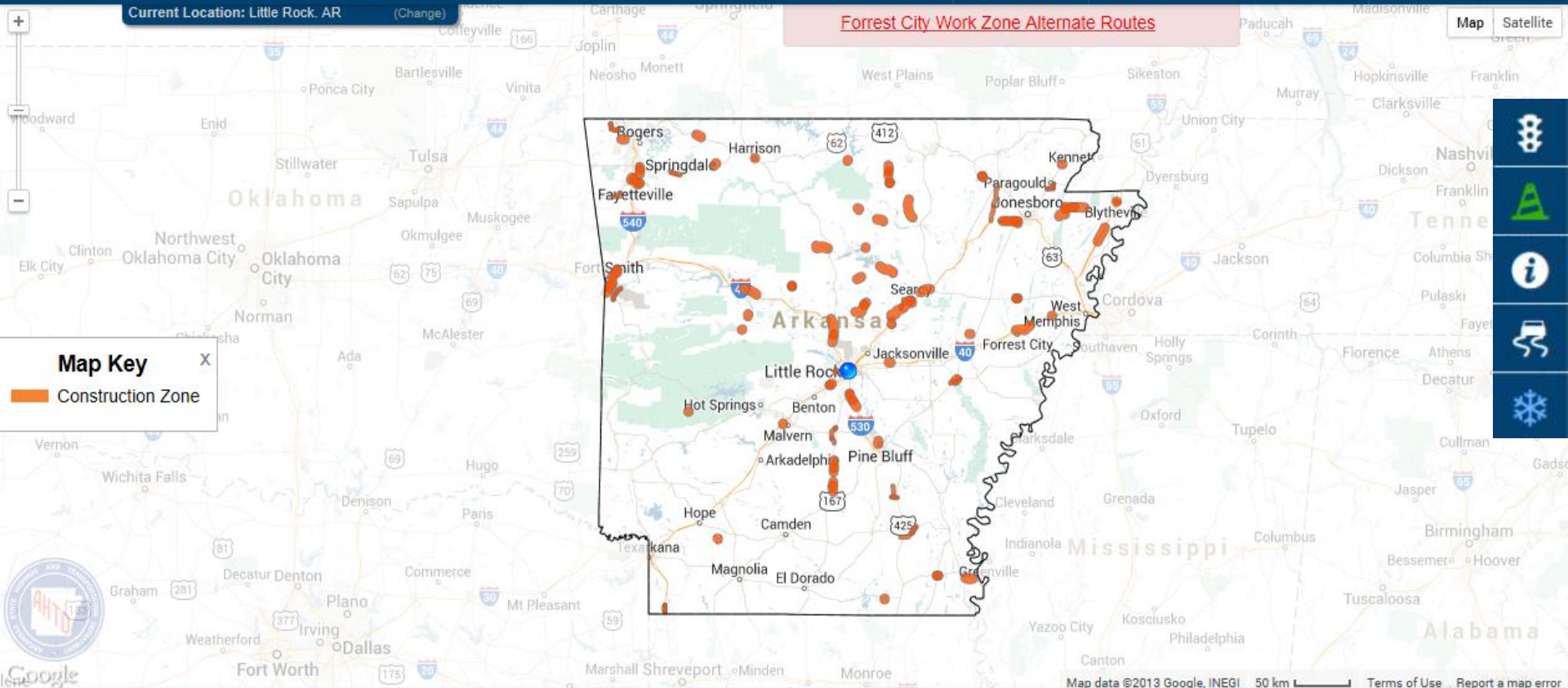
- ✓ **Live Traffic Conditions**
- ✓ **Construction Zones**
- ✓ **Alternate Routes**
- ✓ **Rest Areas**
- ✓ **Welcome Centers**
- ✓ **Park-and-Ride Lots**
- ✓ **Weight Restricted Roads & Bridges**
- ✓ **Weather Radar**
- ✓ **Live Traffic Cameras (Coming Soon)**

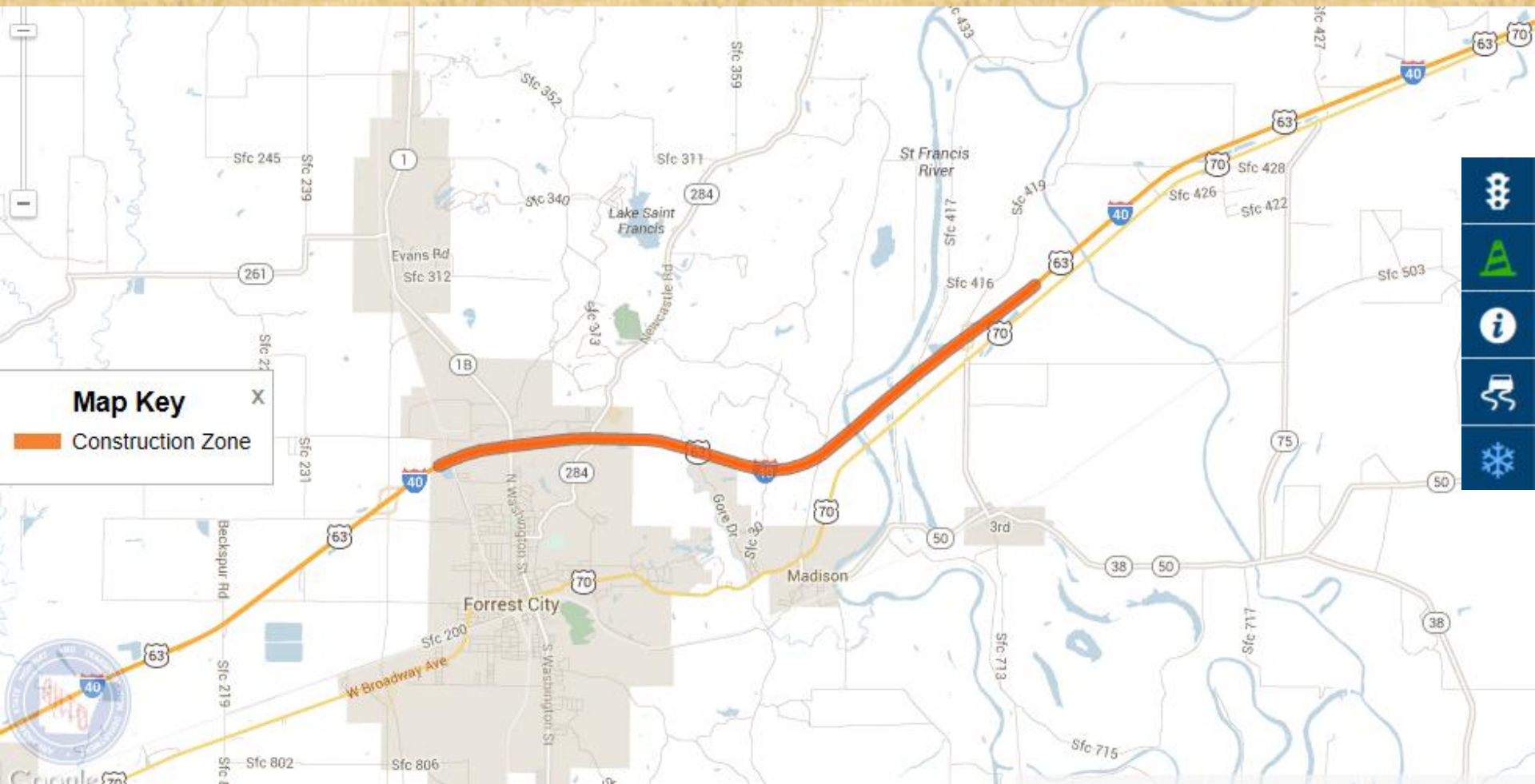


Current Location: Little Rock, AR (Change)

Forrest City Work Zone Alternate Routes

Map Satellite





Construction



Project Name: Forrest City-East

Length: 8.3 Miles

Location: Mile Marker 239.8 - 248.1

Estimated Complete: Mid 2014

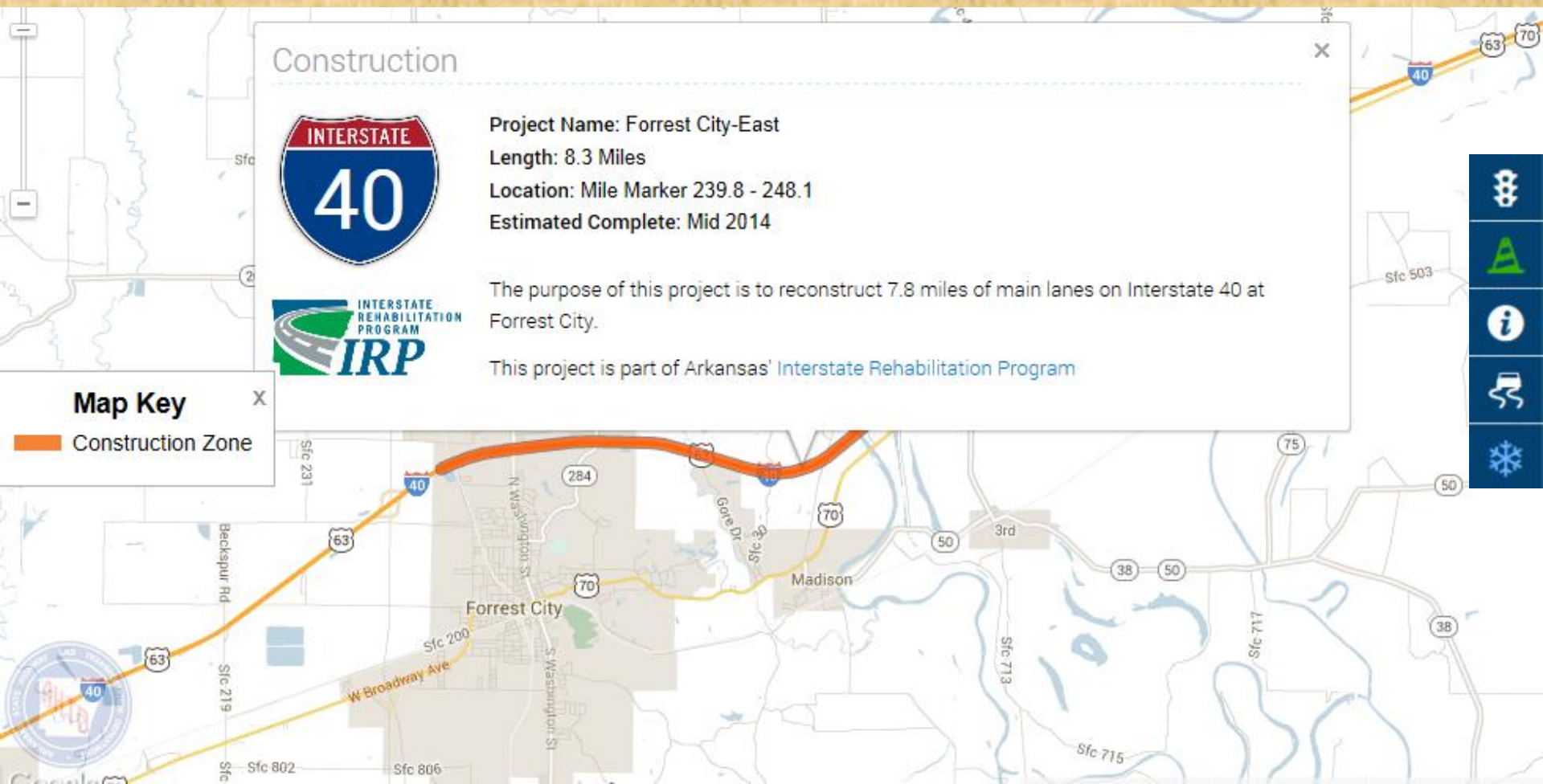


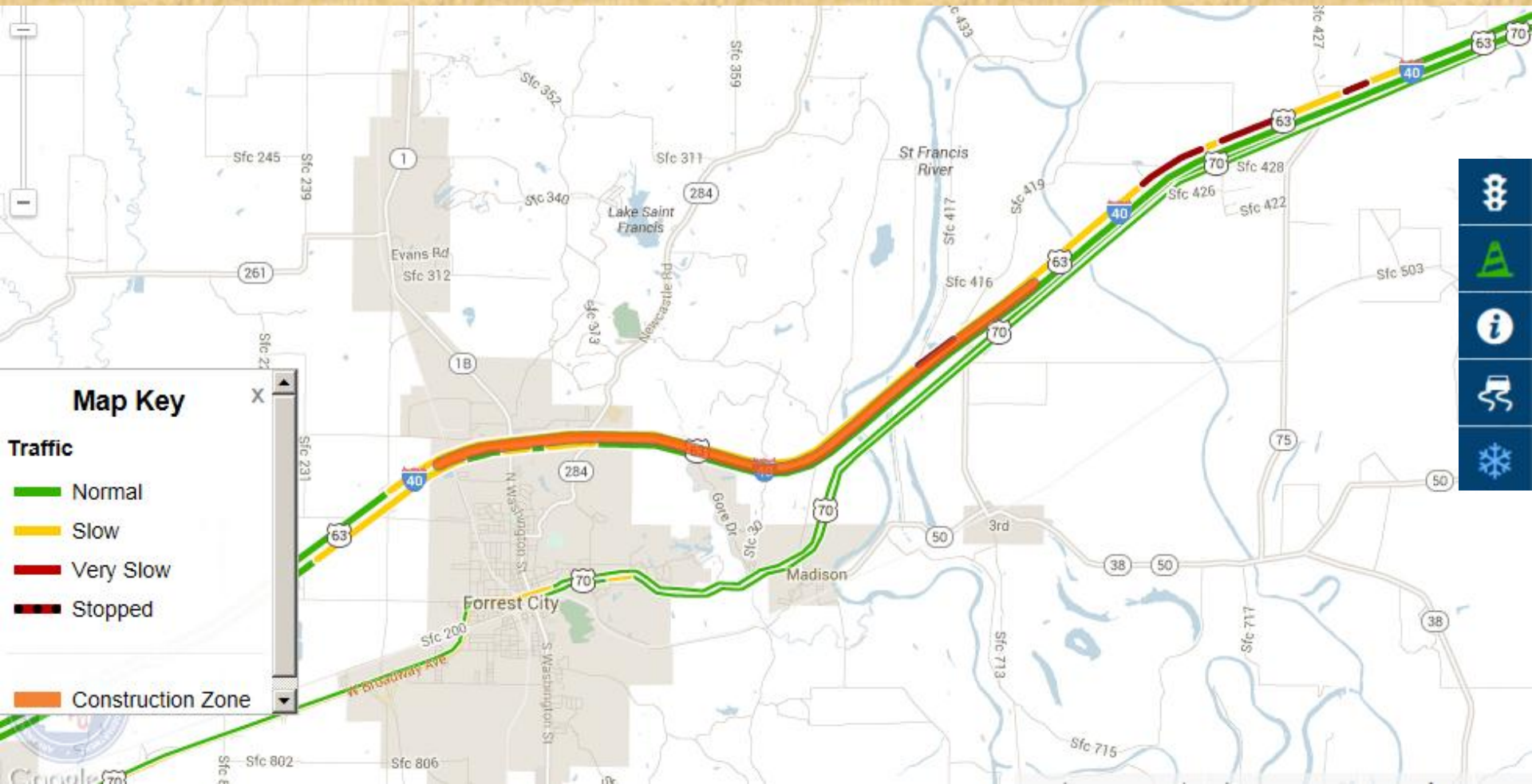
The purpose of this project is to reconstruct 7.8 miles of main lanes on Interstate 40 at Forrest City.

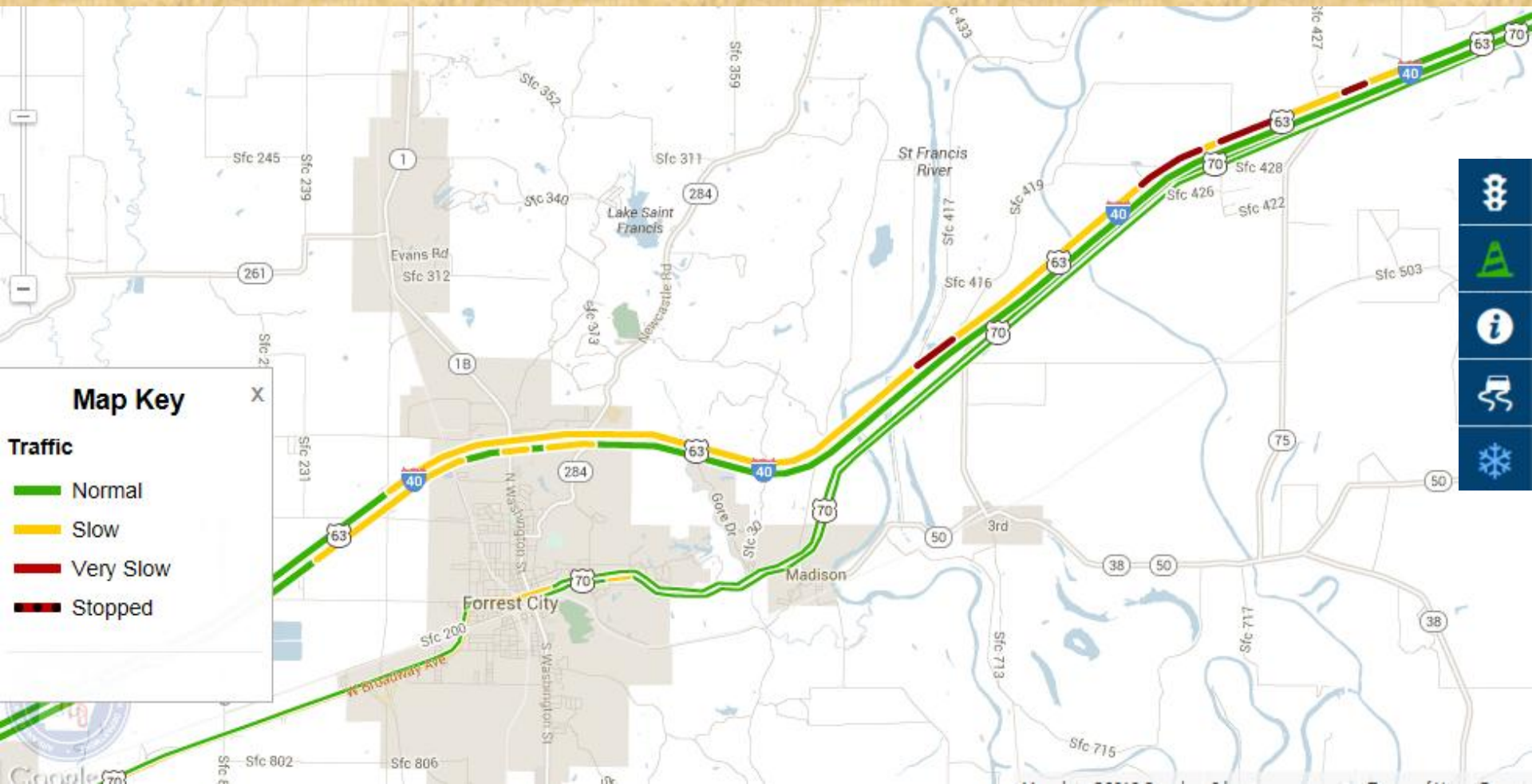
This project is part of Arkansas' [Interstate Rehabilitation Program](#)

Map Key

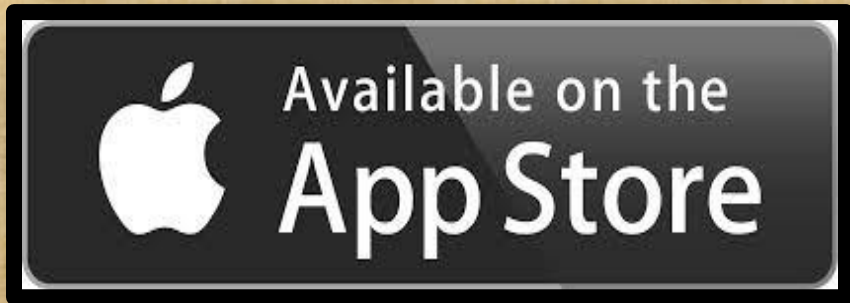
 Construction Zone













ArkansasHighways.com

Litter Hotline 866-811-1222



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

