

**Scott E. Bennett, P.E.**

**Director of Highways and Transportation**



**ARKANSAS STATE HIGHWAY AND  
TRANSPORTATION DEPARTMENT**

**Federal Highway Administration Offsite Meeting**

**Wednesday, April 27, 2016**

“At the end of the day, government is about teamwork and partnership and we will be proving that by working together.”

- Julia Gillard



Success Through Partnering



# EDC Initiatives Update



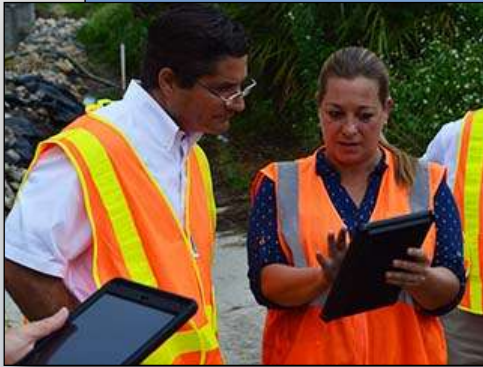


# Local Agency Project Manual





# e-Construction



# e-Construction





# e-Construction

It is agreed and understood between the parties hereto that the Contractor agrees to accept and the Commission agrees to pay for the work at the prices stipulated in the Contract Schedule of Prices, such payment to be in lawful money of the United States, and the payment shall be made at the time and in the manner set forth in the Specifications.

WITNESS OUR HANDS, this date FEB 22 2012

CONTRACTOR

CRANFORD CONSTRUCTION CO.

BY: [Signature]

PRINTED NAME: Steve Crawford  
(Must Be Legible)

ARKANSAS STATE HIGHWAY COMMISSION

BY: [Signature]  
Director of Highways and Transportation



## Doc Express Document Signing History

Contract: 061440 Document: 061440 CONTRACT

Date	Electronically Signed By
09/17/2015	Robert Jones M & T PAVING & CONSTRUCTION CO. INC. (SIGNED BY CONTRACTOR)
09/17/2015	Twandria Campbell Arkansas State Highway and Transportation Department (REVIEWED BY PROGRAM MANAGEMENT)
09/17/2015	Emanuel Banks Arkansas State Highway and Transportation Department (SIGNED BY DEPUTY DIRECTOR AND CHIEF ENGINEER)
09/18/2015	Lorie H. Tudor Arkansas State Highway and Transportation Department (SIGNED BY DEPUTY DIRECTOR AND CHIEF OPERATING OFFICER)
09/18/2015	Scott Bennett Arkansas State Highway and Transportation Department (SIGNED BY DIRECTOR)



# e-Construction

The screenshot shows a web browser window with the URL <https://docexpress.com/contracts/905>. The browser tabs include "Library - e-C...", "AHTD Empl...", "e-Construct...", "AASHTOWa...", and "DocExpre...". The application header features the "Doc Express" logo and navigation links for "Dashboard", "Preferences", and "Help". A user account menu shows "My Account" and "Logout".

The main content area displays the contract number "090347" with "Contracts / 090347" above it. To the right of the contract number are "Edit" and "Actions" buttons. Below this is a summary of the contract details:

OSAGE CREEK STR. APPRS. (S) FEDERAL AID PROJECT STPF-BRN-0004(53)

Mobley Contractors, Inc., The Cashion Company, Inc. HWY. 264/SECTION 3/BENTON Letting Date: Oct 13 2015 Bid Order Number: 300

1-DISADVANTAGED BUSINESS ENTERPRISE (DBE) PARTICIPATION	6
2-CONTRACTOR'S CERTIFICATION STATEMENT (SWPPP) STORM WATER	1
3-CERTIFICATE OF LIABILITY	1
4-STATUTORY PERFORMANCE AND PAYMENT BOND	3
CONTRACT EXECUTION	



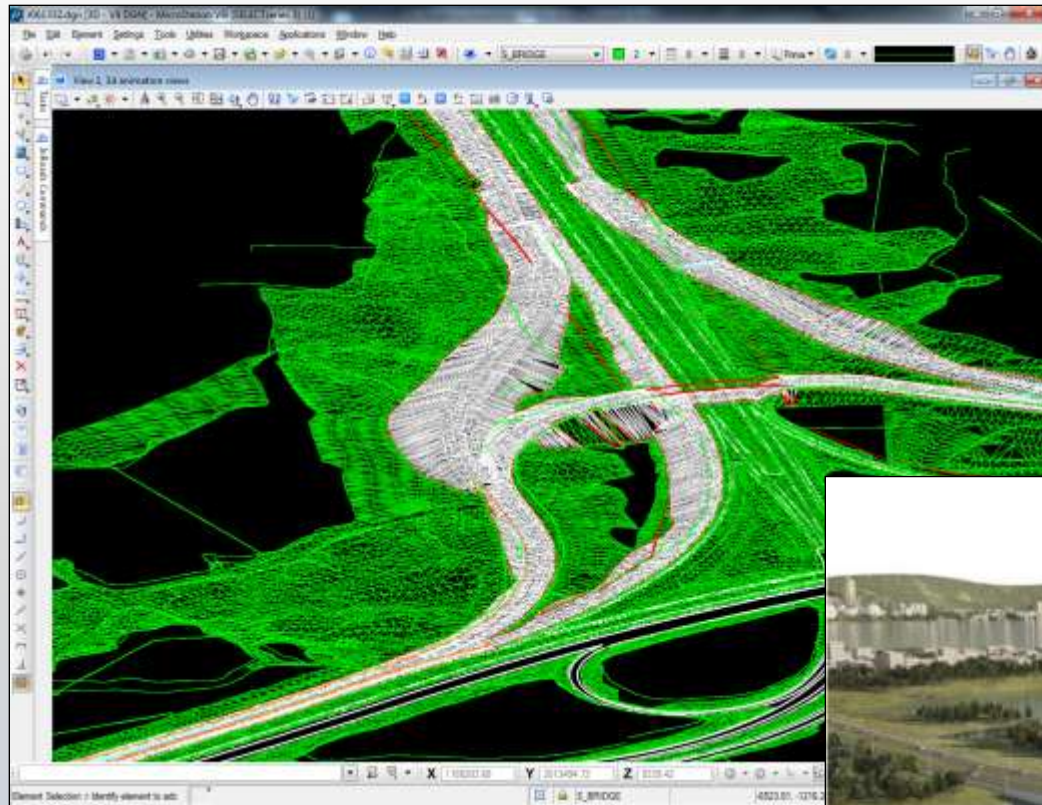


Next Area of Change

Estimate Vouchers

Change Orders

# 3D Modeling



- I-40 / I-430 Interchange Improvements via 3D Modeling

- Realistic renderings based on 3D Modeling





# e-Construction





# AGC Leadership Group





# AHTD and AGC Partnering Agreement

## PARTNERING AGREEMENT AHTD and AGC

Whereas, the Arkansas State Highway and Transportation Department (AHTD) and the Associated General Contractors of America, Arkansas Chapter (AGC), recognize the importance of providing quality surface transportation facilities in a safe, timely and cost-effective manner;

Therefore, we agree to continue our partnering efforts and to formalize the agreement through the following:

- Promote harmonious relationships throughout the industry, fostered in the concept of mutual trust and respect;
- Foster an inclusionary industry that ensures full and open opportunity for all to participate and for responsible businesses to compete in an open, competitive bid environment;
- Promote quality through continuous improvement at all stages of the design and construction process;
- Cooperatively promote and encourage the use of new products, technology and processes that provide a demonstrated level of improved quality;
- Promote prompt and fair dispute resolution by opening communications through the use of partnering;
- Deliver surface transportation facilities in a manner that is environmentally responsible in both design and construction; and
- Ensure that the safety of the public and our employees will be a prime concern in delivering transportation facilities.

By following these principles, we can build customer satisfaction, enhance the quality of our work and deliver a top quality product in which we can take pride.

Signed this 16<sup>th</sup> day of October 2011

Arkansas State Highway  
and Transportation Department

Associated General  
Contractors of America  
Arkansas Chapter

*Madison Murphy*  
Madison Murphy  
Commission Chairman

*Brad Fryar*  
Brad Fryar  
President

*Scott E. Bennett*  
Scott E. Bennett  
Director of Highways and Transportation

*Mark Winkle*  
Mark Winkle  
Highway Division Chief





# Broadway Bridge

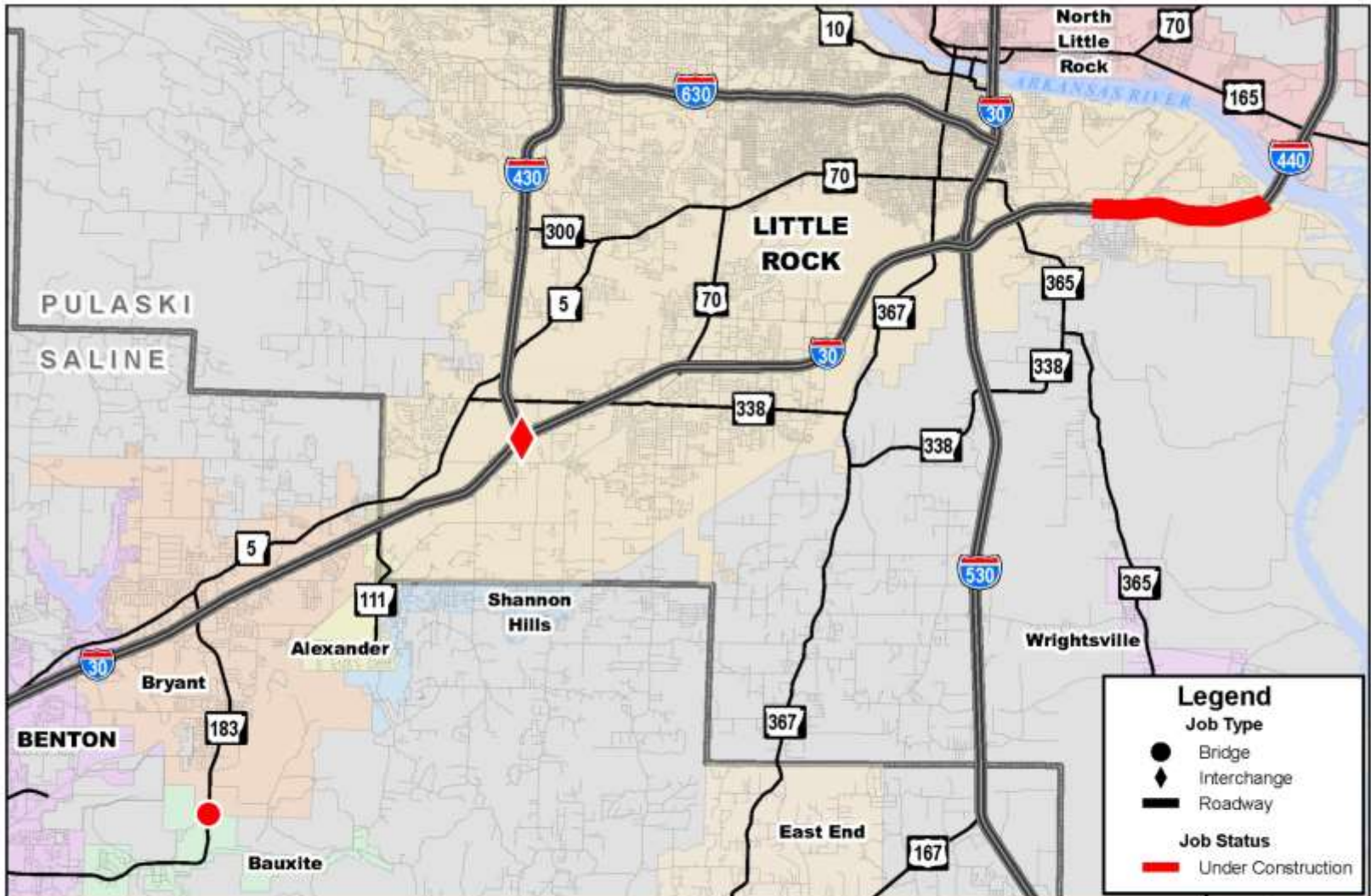




# Broadway Bridge with Massman Construction



# Executive Partnering – AHTD and Kiewit



**Kiewit Infrastructure South Co.**

**Projects Under Construction**

Jobs 061349, 061437 & BB0611

Saline & Pulaski Counties







# ACEC Leadership Group





# ACEC Leadership Group



- Crafton Tull (Mike Burns)
- Garver (Glynn Fulmer)
- Michael Baker (Mike Stengel)
- Grubbs Hoskins Barton & Wyatt (Mark Wyatt)

- Lorie Tudor, Deputy Director and Chief Operating Officer
- Emanuel Banks, Deputy Director and Chief Engineer
- Mike Fugett, Assistant Chief Engineer – Design
- Kevin Thornton, Assistant Chief Engineer - Planning





# Partnering Success Stories





**Interstate 555**



JONESBORO



18

Lake City

555

Bay

463

Trumann

1

140

Lepanto

555

Dyess

14

Marked Tree

135

ETT

HARRISBURG

55

Bassett

Joiner

Tyronza

Birdsong

555

Cherry Valley

CROSS

75

149

Gilmore

CRITTENDEN

Turrell



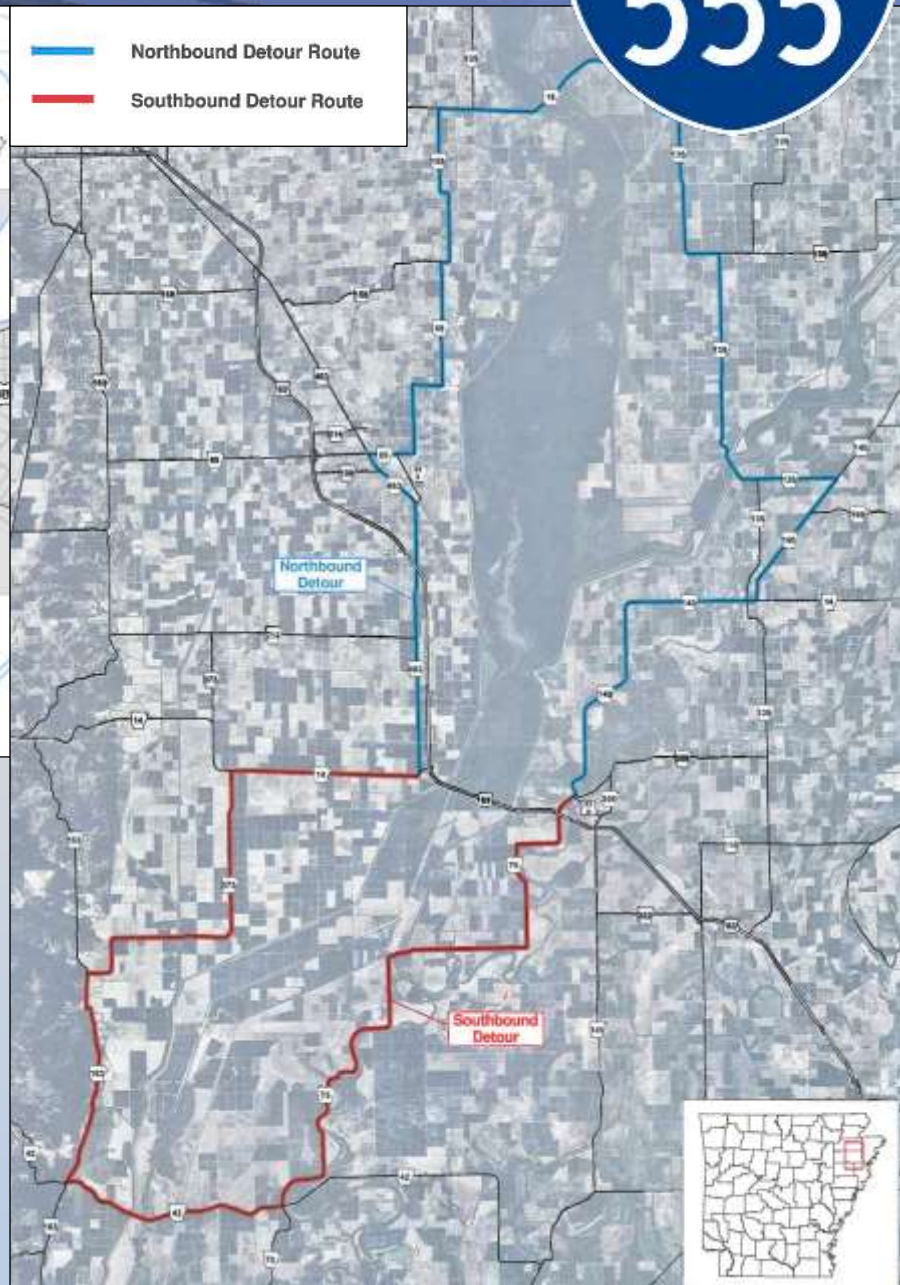
# History



Year	Description
1968-2012	US Highway 63, Interstate 55 to Jonesboro Upgraded to Interstate Standards 44 miles, \$250 Million
1988-2010	\$ 65 Million in Federal-aid Earmarks
1998	Designated as Congressionally Designated High Priority Corridor 39 from Interstate 55 to Marked Tree
2001	Designated as Future I-555



# Obstacles





# Success



Year

2001-2016

May  
2015

Assembly

December  
2015

Order

December  
2015

er

February  
2016

Received from Federal Highway Administration







**Highway 18**

## ✓ Burlington Northern Santa Fe Railroad Overpass

- TIGER Grant with Local Match – \$1.5 Million to begin Project Development
- Construction Cost - \$12 Million
- Partnering with AHTD
- Estimated Let Date: 2017





# Interstate 430/630 – Big Rock Interchange



# I-430/I-630 Interchange

## Maintenance of Traffic Team

- ✓ Federal Highway Administration
- ✓ City of Little Rock
- ✓ Contractors
- ✓ Consultants
- ✓ AHTD:
  - ✓ Public Information
  - ✓ Roadway Design
  - ✓ Construction
  - ✓ Maintenance





# Highway 71B



# U.S. Highway 71B

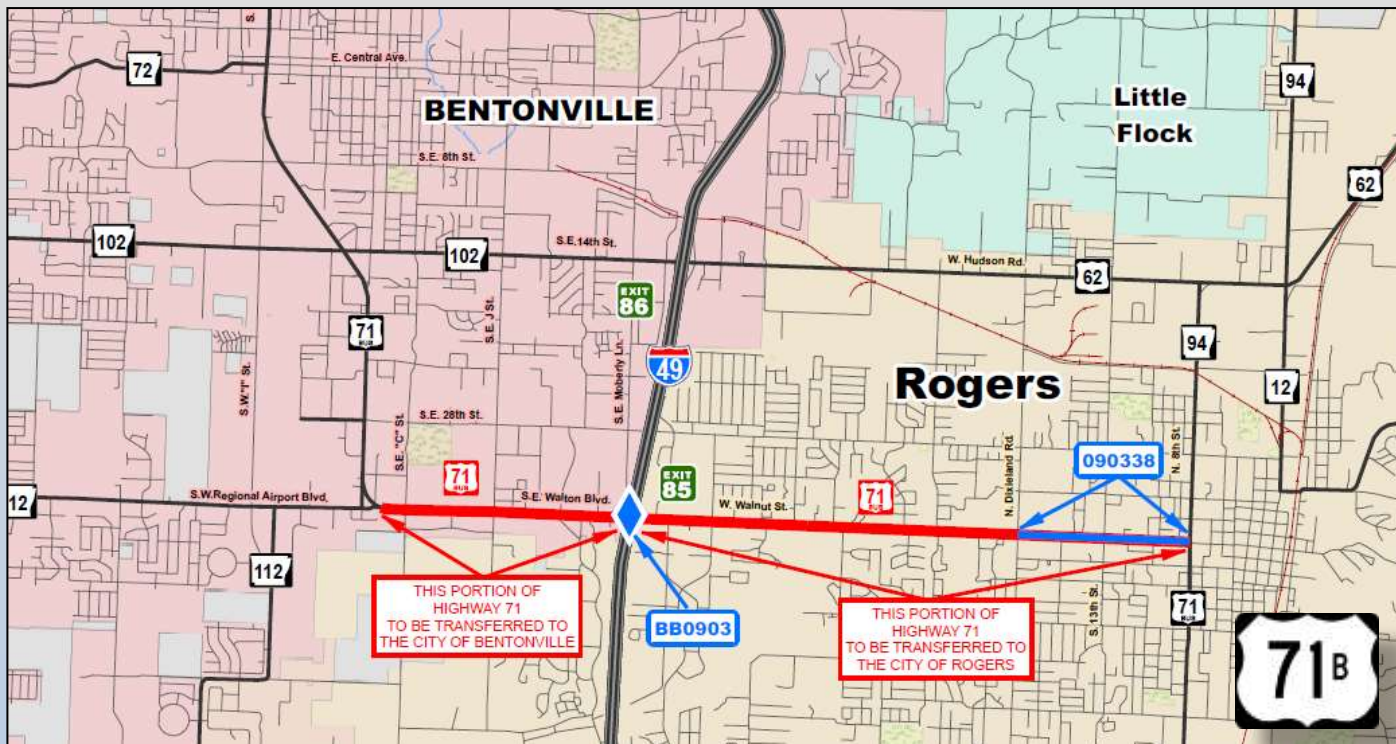
## Two Partnering Projects

### ✓ Interchange Improvements

- Partnering Involves Bentonville and Rogers
- Each City to Provide \$1.5 million
- Single Point Urban Interchange
- Scheduled 2018

### ✓ Dixieland to 8th Street (Rogers)

- Partnering Involves Rogers
- City to Provide 50% of project cost up to \$5 million
- Scheduled 2018

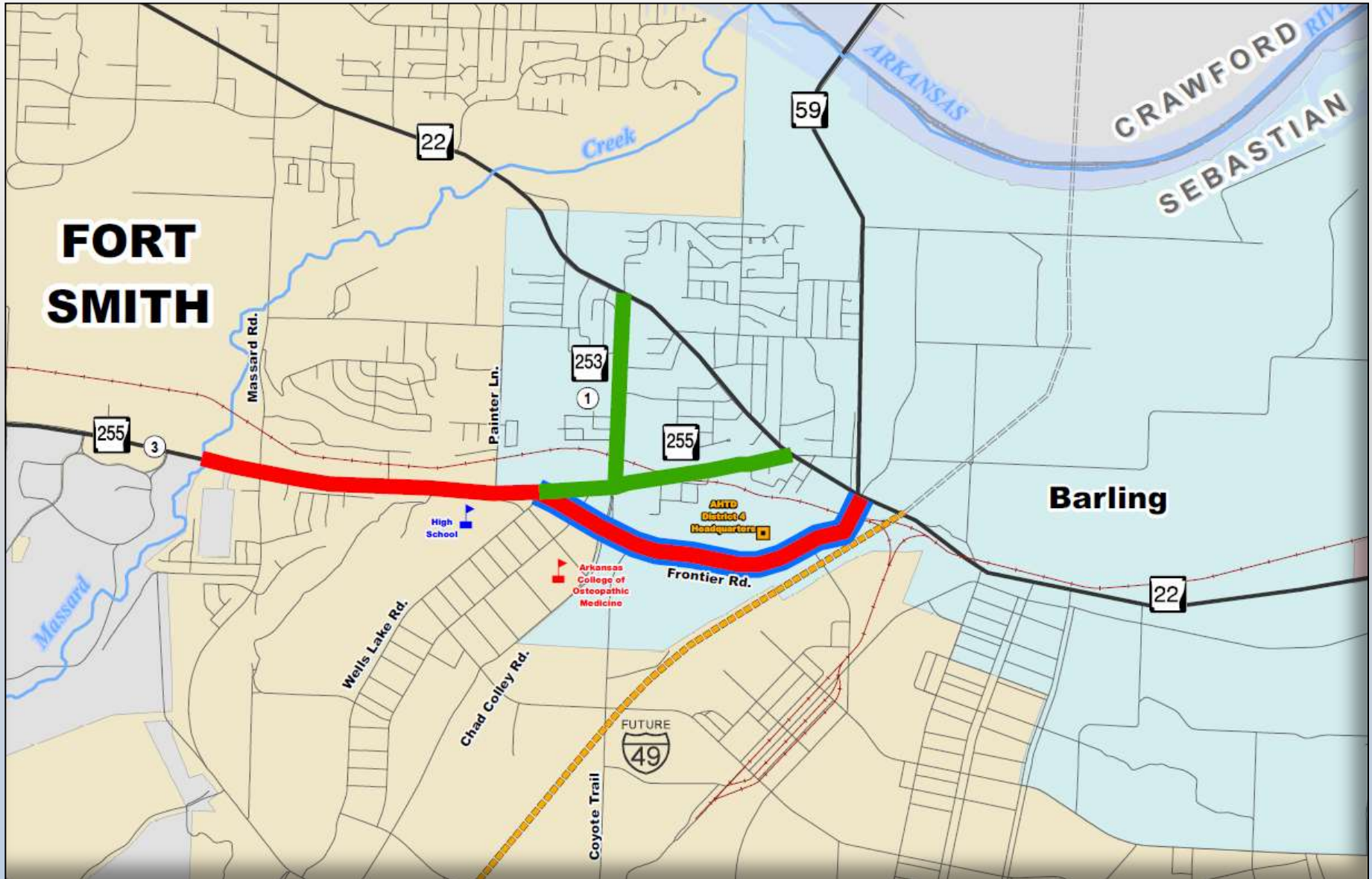




# Highway 255



# State Highway 255 Relocation







# Interstate Rehabilitation Program





# Interstate Rehabilitation Program



## Partnership with Arkansans

INTERSTATE  
REHABILITATION  
PROGRAM

**IRP**

- ✓ In 2011 citizens voted to continue the Department's authority to use GARVEE bonds
- ✓ This will allowed the Department to spend \$1.2 billion towards the rehabilitation of almost 500 miles of Interstate

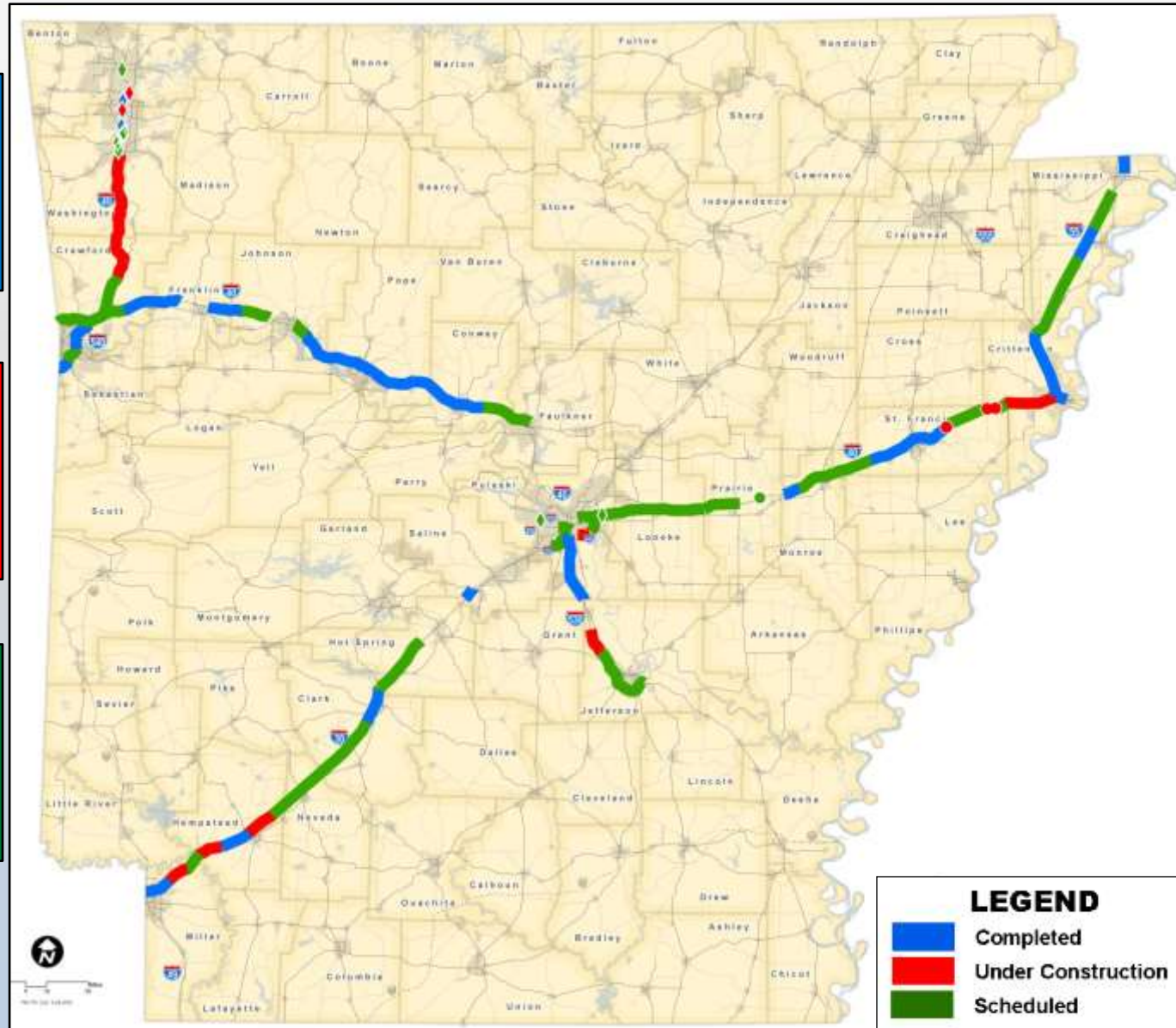


# Interstate Rehabilitation Program Update

**Completed:**  
25 Projects  
177 Miles  
\$486 Million

**Under Construction:**  
13 Projects  
72 Miles  
\$315 Million

**Scheduled:**  
44 Projects  
244 Miles  
\$625 Million





# Connecting Arkansas Program





# Connecting Arkansas Program



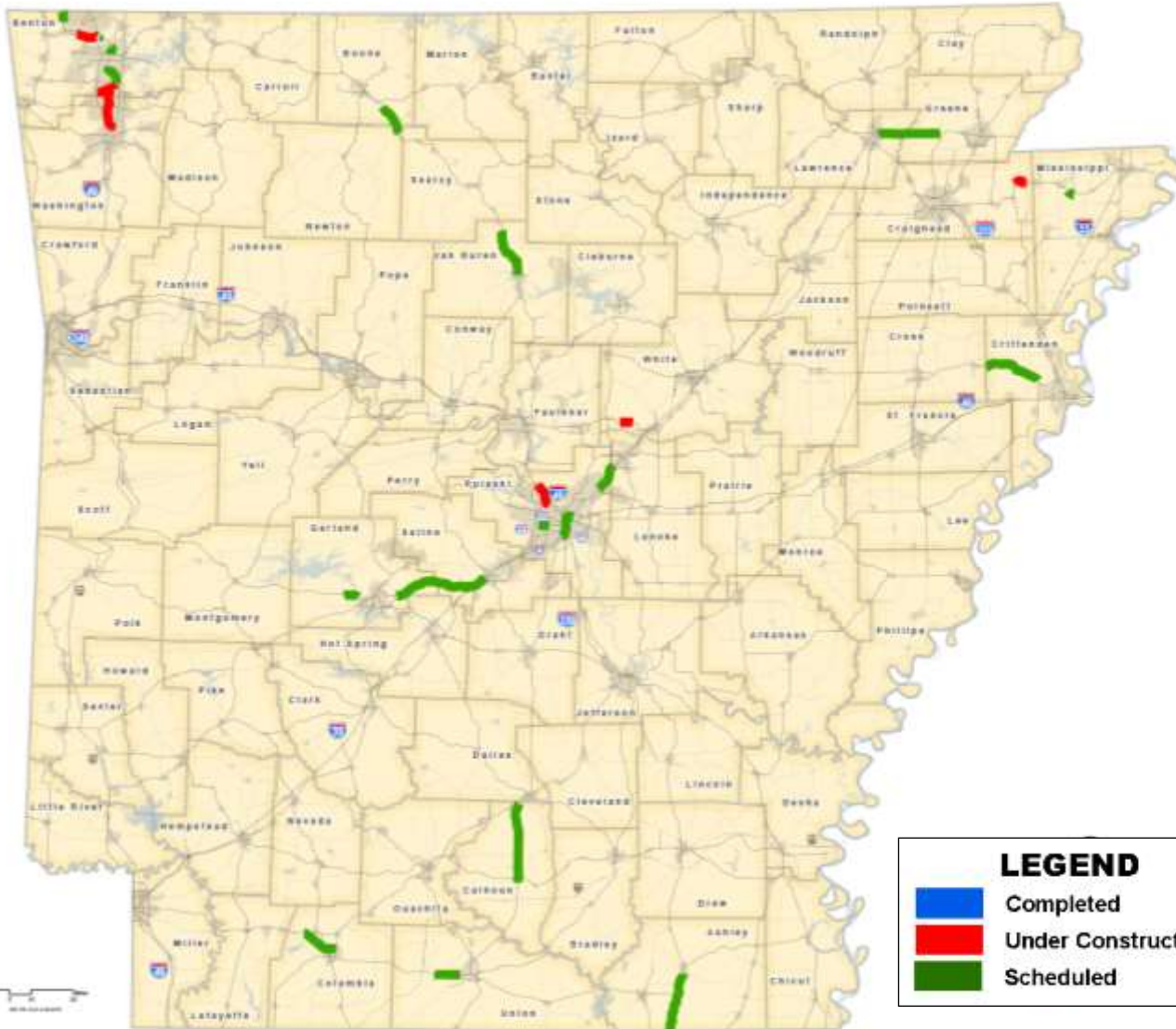
## Partnership with Arkansans



- ✓ In 2012 citizens voted and approved the Connecting Arkansas Program.
- ✓ This will allowed the Department to spend \$1.8 billion to improve highway and interstate projects throughout the state.






# Connecting Arkansas Program Update



**Under Construction:**  
7 Projects  
29 miles  
\$263 million

**Scheduled:**  
29 Projects  
158 miles  
\$1.6 billion

## LEGEND

-  Completed
-  Under Construction
-  Scheduled





# History of AHTD and Highway Commission





# Prior to 1913

*“We are always yapping about the ‘Good Old Days’ and how we look away back and enjoy it, but I tell you there is a lot of hooley to it.”*

– Will Rogers







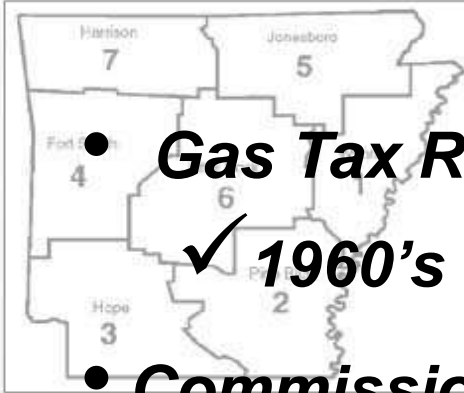
# The Teens and Twenties

- ***First Commission Created***
  - ✓ *No Highway Department*
  - ✓ *No Highway System*
- ***\$72,000 Total Budget***
- ***36,000 Miles of Public Roads***
- ***First Gas Tax – 1 cent per gallon***
- ***State Highway System Created***
- ***State Highway Department Created***

Highway 71 near Bella Vista



# The Thirties and Forties



- **Gas Tax Raised to 6.5 cents per Gallon**  
✓ **1960's Before Next Increase**
- **Commission Structure Changed Four More Times**



Magnet Truck, Picked up  
an average of 100 lbs  
metal per mile

- **9,700 Highway Miles (4,900 Paved)**

- **Too much Political Influence on Highways**  
– **Growing Discontent**



State Highway Department HQ, 1939





# The Fifties



- **1951 - Highway Audit Commission Report**

- ✓ **“the advice, counsel and expert know-how which is available from the Department’s own technical and administrative staffs has scant weight indeed when they are in conflict with the political pressures and political promises of the moment.”**

- **9 Legislative Acts Restructured Commission since 1913**
- **1952 – Mack Blackwell Amendment**

Widening Hwy 67 near Malvern, 1956





# The Sixties and Seventies

- ***No changes to Commission Structure***
- ***Department became Debt Free***



- ***Legislature transferred nearly 4,400 more miles of County Roads to Highway System***

South Terminal, Lawrence Blackwell burning bonds at a ceremony in 1975.

- ***Department adds “Transportation” to its name – Authority Expanded***

- ***1<sup>st</sup> State to Complete its Interstate System (1975)***
- ***16,000 Highway Miles (15,000 Paved)***



Toad Suck Ferry on Arkansas River at Highway 60, 1970



I-430 River Bridge, 1973



# The Eighties and Nineties

- **1985 – Rural Road Program – out of the mud**
- **Early Retirements – huge workforce turnover**
- **1991 – Highway Improvement Program**
- **1993 – Last Federal Gas Tax Increase**



Section of Hwy 7  
named first Scenic  
Byway of Arkansas.

- **1999 – Last State Gas Tax Increase**

1991 Highway Improvement Program authorized to  
improve or replace approximately 560 bridges.

- **1999 – Interstate Rehabilitation Program –  
First Highway Bond Issue in 50 years**

- **I-540 (now I-49) and I-530 Completed**

- **16,400 Highway Miles**

Hopper Tunnel, 1999





# The New Millennium



- **2011 – 2<sup>nd</sup> Interstate Rehabilitation Program**
- **2012 – Connecting Arkansas Program**



Winter Weather in Dec 2000 and Jan 2001 cost almost \$40 M.

- **Governor's Working Group on Highway Funding**

- **16,400 miles State Highways**



New White River Bridge on Hwy 64 at Augusta opened in 2001.





# Current Commission





# Arkansas Highway Commission







# Current Administrative Staff





# AHTD Administrative Staff





# Staff Changes





# Department Staff Changes

- Randy Ort – Assistant Chief - Administration
- David Henning – State Construction Engineer
- Mike Boyd – Chief Fiscal Officer
- Deric Wyatt – District 2 Engineer
- Ben Browning – Design/Build Project Director
- Jared Wiley – Program Management Engineer
- Robyn Smith – ASHERS Executive Secretary
- Danny Straessle – Public Information Officer



# Federal and Legislative Funding



# Fixing America's Surface Transportation (FAST) Act

- Authorizes 5 Years of Funding
  - Federal Fiscal Years (FFYs) 2016-2020
- \$225.2 Billion for Highway Investment
- Over 5 Years:
  - \$20.2 Billion Increase from FFY 2015
  - \$250 Million Increase for Arkansas





# Governor's Working Group on Highway Funding

January 19, 2016  
Press Conference





# Highway Funding Option Presented by Governor Hutchinson 2016 Special Session

Item	Source	2017 (x \$1M)	2018 (x \$1M)	2019 (x \$1M)	2020 (x \$1M)	2021 (x \$1M)
Transfer 2015 Unobligated Funds	Surplus	\$20.0				
Transfer from Governor	Rainy Day Fund	\$20.0				
Transfer Sales Tax New & Used Vehicles	General Revenue	\$ 1.5	\$ 8.0	\$15.0	\$20.0	\$25.0
Redirect Diesel Tax	General Revenue		\$ 2.7	\$ 2.7	\$ 2.7	\$ 2.7
Eliminate Deduction - Temporary ½ cent Sales Tax	State Central Services	\$ 5.4	\$ 5.4	\$ 5.4	\$ 5.4	\$ 5.4
<b>Total</b>		<b>\$46.9</b>	<b>\$16.1</b>	<b>\$23.1</b>	<b>\$28.1</b>	<b>\$33.1</b>

Estimate based on 10-Year Average

Allocate 25% of General Improvement Funding	Surplus		\$48.0	\$48.0	\$48.0	\$48.0
<b>Total</b>		<b>\$46.9</b>	<b>\$64.1</b>	<b>\$71.1</b>	<b>\$76.1</b>	<b>\$81.1</b>



# Funding Challenges





# Statewide Transportation Improvement Program (STIP)



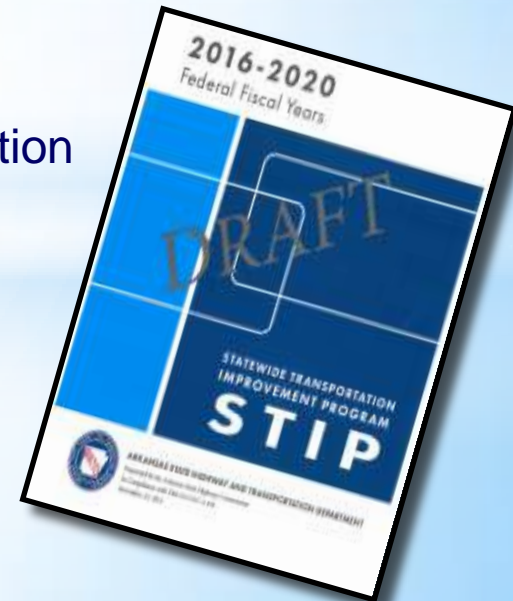
# Draft 2016-2020 STIP



# DRAFT

## Statewide Transportation Improvement Program for Federal Fiscal Years 2016-2020 (STIP)

- Federal Requirement for Federally Funded and Regionally Significant Transportation and Transit Projects
- 4-Year Minimum
- Required Components:
  - ✓ Demonstration of Financial Constraint
  - ✓ Metropolitan Planning Organization (MPO) Coordination
  - ✓ Public Involvement
  - ✓ Performance Management



**ESTIMATED ANNUAL NEEDS ANALYSIS**  
**2016-2020**  
(x \$1 Million)

<b>SYSTEM PRESERVATION</b>	Total
Pavement Preservation	\$ 306
Capacity Improvements	\$ 288
<b>TOTAL SYSTEM PRESERVATION ANNUAL NEEDS</b>	<b>\$ 594</b>

<b>ESTIMATED ANNUAL FLEXIBLE FUNDING</b>	<b>\$ 325</b>
--	---------------

**RECOMMENDED DISTRIBUTION OF AVAILABLE FUNDING**

<b>SYSTEM PRESERVATION 80%</b>	<b>\$ 260</b>
<b>CAPITAL IMPROVEMENTS 20%</b>	<b>\$ 65</b>

# DRAFT

## Statewide Transportation Improvement Program for Federal Fiscal Years 2016-2020 (STIP)

- Federal Fiscal Years 2016-2020
- Current STIP Schedule
  - ✓ January 2016 - Proposed Projects to MPOs
  - ✓ Spring 2016 - Receive MPOs Transportation Improvement Programs (TIPs)
  - ✓ March 16, 2016 - Release STIP for Public Comment Period
  - ✓ Mid-2016 - Submit to Federal Highway Administration (FHWA) and Federal Transit Administration (FTA)
  - ✓ Summer 2016 - Approval from FHWA and FTA



# Efficiencies and New Initiatives





# Governor's Memo



STATE OF ARKANSAS  
ASA HUTCHINSON  
GOVERNOR

## MEMORANDUM

Directors of State Agencies, Offices, and Departments  
Governor Asa Hutchinson

TO: Directors of State Agencies, Offices, and Departments  
FROM: Governor Asa Hutchinson  
DATE: December 17, 2015  
SUBJECT: Arkansas Policy Foundation's Efficiency Project

As Governor of the State of Arkansas, I am committed to preserving and protecting the financial integrity of our state. Transparency, accountability, and efficiency promote the people's faith in good government. The citizens of Arkansas deserve a critical evaluation of their state government to ensure the cost-effective delivery of services and to ensure that state employees have every possible means necessary to maximize their effectiveness.

The Arkansas Policy Foundation (the "Foundation") was established in 1995 as an independent research organization. It has conducted efficiency reviews of our state government in certain areas of interest that facilitate in the Foundation's research. The Foundation has established the Efficiency Project, which is supported by some of Arkansas's leading business people and professionals, and it is charged with developing recommendations to streamline our state government in order to make it more cost-effective and citizen accountable. The Efficiency Project allows a nonpartisan, independent group of citizens to volunteer their time and efforts to directly impact the improvement of state government. Upon completion of its review, the Foundation will publicly report its findings and recommendations.

In light of the foregoing, I hereby direct all directors of state offices, departments, and agencies to assist the Foundation in its evaluation of our state government and in its development of recommendations to streamline state government and to make it more cost-effective and citizen accountable. In facilitating with this necessary review of our state government, each director shall

500 WOODLANE STREET, SUITE 250 • LITTLE ROCK, AR 72201  
TELEPHONE (501) 682-2315  
www.governor.arkansas.gov

designate one of his or her employees to coordinate with the Foundation and to ensure that it receives all pertinent requested information pertaining to its review.

If you have any questions regarding the Efficiency Project, you may contact the executive director of the Arkansas Policy Foundation:

Mr. Greg Kaza  
Arkansas Policy Foundation  
111 Center Street, Suite 1200  
Little Rock, Arkansas 72201  
Office: 501-537-0825  
Email: kaza@arkansaspolicyfoundation.org  
www.arkansaspolicyfoundation.org

If you have any questions regarding the mandatory compliance with this Memorandum, you may contact my deputy legal counsel:

Mr. Andrew "Yu" Ritchie  
Office of Governor Asa Hutchinson  
500 Woodlane Street, Suite 124  
Little Rock, Arkansas 72201  
Office: 501-683-6162  
Email: yu.ritchie@governor.arkansas.gov

Sincerely,  
  
Asa Hutchinson

111 Center Street, Suite 1200  
Little Rock, AR 72201  
501-537-0825  
arkansas.gov





# Kronos

## Increased:

- Transparency
- Accuracy
- Accountability
- Consistency
- Efficiency



## Reduced:

- Risk of non-compliance with federal labor laws and regulations
- 11 clerical positions





# Hours of Work Policy

## Purpose

- Efficiency/Time Management
- Employee Morale
- Work/Life Balance
- Recruitment and Retention
- Expanded Level of Public Service

## Options

- Flextime
- Compressed Work Week
- Reduced Hours
- Job Sharing
- Telecommuting



# Network Fleet

For every \$1 expended on Telematics GPS Tracking and Diagnostics System, AHTD is recognizing \$2 plus in savings.

The screenshot shows the Networkfleet web application. At the top, there's a navigation bar with the Verizon logo and tabs for 'Map', 'Vehicle', 'Fleet', 'Reports', 'Admin', and 'Support'. Below this is a 'VEHICLE LIST' sidebar with a 'View by:' dropdown set to 'Vehicle Label' and a 'Refine:' field. A list of vehicle IDs is shown with corresponding colored markers. The main area is an 'Overview Map' displaying a geographical map with numerous colored pins representing vehicle locations. The browser's address bar shows 'www.networkfleet.com/personal/map/overview-map#'. The bottom of the browser window shows the taskbar with open applications like '2015 SSEMC', 'Microsoft PowerPoint - [D...', 'Networkfleet - Mozil...', and 'Calculator'. The system clock shows '2:23 PM'.





*You Spoke... We Listened.*

ACHIEVING CAREER EXCELLENCE

***...ACE is on the Way!***



- [ArkansasHighways.com](http://ArkansasHighways.com)
- [ConnectingArkansasProgram.com](http://ConnectingArkansasProgram.com)
- [Vimeo.com/AHTD](http://Vimeo.com/AHTD)
- [IDriveArkansas.com](http://IDriveArkansas.com)
- [Twitter.com @AHTD](https://twitter.com/AHTD)



@AHTD





Questions?

