Connecting Arkansas Program

Scott E. Bennett, P.E.
Director of Highways and Transportation

October 8, 2015
AHTD Quick Facts

• 3rd Largest State Agency (3,634 employees)

• Maintain 16,416 miles of highway and 7,335 bridges

• Central Offices in Little Rock; 10 Districts Statewide

• Mission: Provide a safe, efficient, aesthetically pleasing and environmentally sound intermodal transportation system for the user.
## How We Compare

<table>
<thead>
<tr>
<th>State</th>
<th>Mileage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arkansas</td>
<td>16,416</td>
</tr>
<tr>
<td>Illinois</td>
<td>16,161</td>
</tr>
<tr>
<td>California</td>
<td>15,225</td>
</tr>
<tr>
<td>New York</td>
<td>15,033</td>
</tr>
<tr>
<td>Tennessee</td>
<td>13,793</td>
</tr>
<tr>
<td>Florida</td>
<td>12,084</td>
</tr>
</tbody>
</table>
## How We Compare

<table>
<thead>
<tr>
<th>State</th>
<th>Mileage</th>
<th>Revenue Per Mile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arkansas</td>
<td>16,416</td>
<td>$79,232</td>
</tr>
<tr>
<td>Illinois</td>
<td>16,161</td>
<td>$376,461</td>
</tr>
<tr>
<td>New York</td>
<td>15,026</td>
<td>$648,927</td>
</tr>
<tr>
<td>California</td>
<td>14,983</td>
<td>$1,262,809</td>
</tr>
<tr>
<td>Tennessee</td>
<td>13,867</td>
<td>$151,659</td>
</tr>
<tr>
<td>Florida</td>
<td>12,085</td>
<td>$622,740</td>
</tr>
</tbody>
</table>
Arkansas Primary Highway Network
Four-Lane Grid System
Challenges

✓ 12th largest system in the country

✓ 44th in highway revenue per mile

✓ $20 billion in needs

✓ $4 billion in available revenue
FINAL REPORT

December 1, 2010

Presented to:

The Honorable Mike Beebe, Governor
House Interim Committee on Public Transportation
Senate Interim Committee on Transportation, Technology and Legislative Affairs
House Interim Committee on Revenue and Taxation
Senate Interim Committee on Revenue and Taxation
Arkansas Legislative Council
Arkansas State Highway Commission
Association of Arkansas Counties
Arkansas Municipal League
The purpose of the Committee is to “define an equitable and adequate system to properly finance improvements to the systems of state highways, county roads, and city streets within the state.”

The Committee is to actively involve the public in its activities.

The goal of the Committee is to propose and recommend highway finance legislation for the 2011 session.
Revenue Proposals

- Reissue GARVEE Bonds for Interstate Rehabilitation Program

- Temporary One-Half Cent General Sales Tax to Fund a Multi-Year Construction Program

- State Aid Programs for Cities

- Transfer Sales Tax on New and Used Vehicles, Auto Repair Parts and Services, Tires and Batteries
• Voter-approved constitutional amendment (2012)
• 10-year, half-cent sales tax to improve highway and interstate projects throughout the state
• One of the largest highway construction programs ever undertaken by AHTD
• $1.8 billion program
• 35 projects in 19 corridors
Program Benefits

- Improves transportation connections to all four corners of Arkansas
- Increases capacity by widening highways to four lanes
- Improves traveler safety
- Eases congestion
- Supports job growth and improves Arkansas’ economy
- Accelerates highway improvement projects.
Reasons

- Current AHTD programs already in progress
- Accelerated schedule
- Addition of temporary capacity
- Extension of AHTD staff
- Brings lessons learned from other programs
- Design/Build procurement experience
Overview
35 Projects in 19 corridors

Widening projects

Funded through ½-cent sales tax
Design Status

Design
29 projects in design or have completed design
5 Projects Under Construction

- **Future Interstate 49 Bella Vista Bypass**
  - Est. Comp: Mid ’16

- **Interstate 40 Hwy. 365 - I-430**
  - Est. Comp: Mid ’16

- **Interstate 49 Hwy. 412 - Wagon Wheel Road**
  - Est. Comp: Early ’17

- **Interstate 49 Hwy. 71B - Hwy. 412**
  - Est. Comp: Early ’17

- **US Highway 412 Springdale Bypass**
  - Est. Comp: Late ’18
Bella Vista Bypass
(Hwy 71B – Hwy 72 South)

- AHTD, CAP Team, Michael Baker
- Began in April 2014 – first CAP project under construction
- Duration – 250 working days (Mid-2016 completion)
- Approximately 6.4 miles
- Involves 6 bridges
- $52.6 million
Hwy. 365 – I-430 & I-430 Interchange Improvements

- Began in November 2014
- Duration – 206 working days (Mid-2016 completion)
- Approximately 5.1 miles
- Completes widening from Conway to Little Rock and interchange improvements
- $38.4 million
Interstate 40 Widening
Hwy. 365 – I-430 & I-430 Interchange Improvements
30 Crossing

- Approximately 6.7 miles in length and extends through portions of Little Rock and North Little Rock
  - along I-30 from I-530 to the south and I-40 to the north
  - along I-40 to its interchange with I-67 in North Little Rock

- Major components
  - River bridge replacement
  - Interstate widening
  - Interchange improvements
  - Ramp modifications
30 Crossing Update

• PEL Study completed
• NEPA/preliminary design in progress
• Estimated Cost $600 M
• Five lanes in each direction, downtown C-D lanes separated by barrier
• Replace Arkansas River Bridge
• Design-Build-Finance Team selected in 2017 / Construction in 2018
• Funded mostly through half-cent sales tax
Opened in 1923

Existing bridge was further modified in the 1970’s to accommodate McClellan Kerr Navigation System

The two southern-most arch spans were removed and replaced with a single 412 ft. steel arch to facilitate navigation
Steel Arch Addition
Broadway Bridge

- Double Basket Handle Network Tied Arch
- Pulaski County contributed $20 million for additional cost of Double Arch alternative
- 2 - 448 ft. Spans
- Arches Rise 100 ft. Above Roadway Surface
Broadway Bridge

- Typical Section
  - 4 – 11 ft. Lanes, 4 ft. Shoulders, 52 ft. Clear Roadway
  - 16 ft. Shared use Path
  - Out-to-Out Width = 73 ft.
Broadway Bridge

- Navigational Clearance
  - Vertical Clearance = 62.4 ft.
  - Horizontal Clearance = 396 ft.

- Substructure Designed for Barge

- Bridge Closed from May to November 2016 (Subject to Change)
Additional Information

- ArkansasHighways.com
- ConnectingArkansasProgram.com
- Vimeo.com/AHTD
- IDriveArkansas.com
- Twitter.com @AHTD