AHTD Quick Facts

3rd Largest State Agency
(3,634 Employees)

Maintains
16,418 miles of Highway
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.
16,418 miles

Source: FHWA Highway Statistics 2014
42nd in Revenue Per Mile

$86,498

Source: FHWA Highway Statistics 2014
## Estimated Average Annual Construction Funds 2016-2020
### (x $1 Million)

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Federal Funds</strong></td>
<td>$567</td>
</tr>
<tr>
<td><strong>State Highway Revenue</strong></td>
<td>$457</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$1,024</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Less Federal Funds for:</strong></td>
<td></td>
</tr>
<tr>
<td>Fixed Budgeted Expenditures (Maintenance, Administration, Operations)</td>
<td>$30</td>
</tr>
<tr>
<td>Non-AHTD Projects (TAP, Counties, Cities, Attributable, Metropolitan Planning)</td>
<td>$46</td>
</tr>
<tr>
<td>Statewide Planning and Research</td>
<td>$11</td>
</tr>
<tr>
<td>Right-of-Way and Utilities / Obligation Limitation</td>
<td>$50</td>
</tr>
<tr>
<td>Interstate Rehabilitation Program Bond Payment</td>
<td>$58</td>
</tr>
<tr>
<td><strong>Total Reduction in Federal Funds</strong></td>
<td>$(195)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Less State Highway Funds for:</strong></td>
<td></td>
</tr>
<tr>
<td>Fixed Budgeted Expenditures (Maintenance, Administration, Operations)</td>
<td>$318</td>
</tr>
<tr>
<td>State Match for Federal-aid Statewide Planning and Research</td>
<td>$3</td>
</tr>
<tr>
<td>Interstate Rehabilitation Program Bond Payment (4¢ Diesel Fuel Tax)</td>
<td>$17</td>
</tr>
<tr>
<td><strong>Total Reduction in State Funds</strong></td>
<td>$(338)</td>
</tr>
</tbody>
</table>

| **Total Federal and State Funds Available for Highway Construction**        | $491   |
## Estimated Average Annual Construction Funds Available for Highway Construction at Commission Discretion 2016-2020 (x $1 Million)

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Federal and State Funds Available for Highway Construction</strong></td>
<td>$ 491</td>
</tr>
<tr>
<td><strong>Less Federal and State Matching Funds for:</strong></td>
<td></td>
</tr>
<tr>
<td>Bridge Preservation (Historical Funding Level)</td>
<td>$ 90</td>
</tr>
<tr>
<td>Interstate Rehabilitation Program</td>
<td>$ 42</td>
</tr>
<tr>
<td>Federal-aid Safety (Highway Safety Improvements, Rail Highway Crossing Hazard Elimination and Protective Devices)</td>
<td>$ 46</td>
</tr>
<tr>
<td><strong>Total Reductions</strong></td>
<td>$(178)</td>
</tr>
<tr>
<td><strong>Total Flexible Federal and State Funds Available</strong></td>
<td>$ 313</td>
</tr>
</tbody>
</table>

**Use $ 325 million / year**
## ESTIMATED ANNUAL NEEDS ANALYSIS
### 2016-2020
(x $1 Million)

<table>
<thead>
<tr>
<th>SYSTEM PRESERVATION</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pavement Preservation</td>
<td>$ 306</td>
</tr>
<tr>
<td>Capacity Improvements</td>
<td>$ 288</td>
</tr>
<tr>
<td><strong>TOTAL SYSTEM PRESERVATION ANNUAL NEEDS</strong></td>
<td>$ 594</td>
</tr>
</tbody>
</table>

| ESTIMATED ANNUAL FUNDING AT COMMISSION DISCRETION | $ 325  |

### RECOMMENDED DISTRIBUTION OF AVAILABLE FUNDING

- **SYSTEM PRESERVATION 80%** $ 260
- **CAPITAL IMPROVEMENTS 20%** $ 65
### Fuel Tax Stagnant

#### Federal

<table>
<thead>
<tr>
<th>Year</th>
<th>Increase</th>
<th>Gasoline</th>
<th>Diesel</th>
</tr>
</thead>
<tbody>
<tr>
<td>1993</td>
<td>4 cents</td>
<td>18.4</td>
<td>24.4</td>
</tr>
</tbody>
</table>

#### State

<table>
<thead>
<tr>
<th>Year</th>
<th>Increase</th>
<th>Gasoline</th>
<th>Diesel</th>
</tr>
</thead>
<tbody>
<tr>
<td>1999</td>
<td>3 &amp; 4 cents</td>
<td>21.8</td>
<td>22.8</td>
</tr>
</tbody>
</table>
Average Monthly Household Expenditures

- **Electricity/Gas**: $160.00
- **TV/Internet**: $124.00
- **Telephone**: $161.00
- **Rocks**: $46.00
## Loss of Purchasing Power

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>1993</th>
<th>2010</th>
<th>Variance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>Tuition/Fees</td>
<td>$3,517</td>
<td>$9,136</td>
<td>160%</td>
</tr>
<tr>
<td>Gas</td>
<td>Per Gallon</td>
<td>$1.12</td>
<td>$2.73</td>
<td>144%</td>
</tr>
<tr>
<td>Movie</td>
<td>Avg. Ticket</td>
<td>$4.14</td>
<td>$7.89</td>
<td>91%</td>
</tr>
<tr>
<td>House</td>
<td>Median Price</td>
<td>$126,500</td>
<td>$221,800</td>
<td>75%</td>
</tr>
<tr>
<td>Bread</td>
<td>Per Pound</td>
<td>$1.08</td>
<td>$1.76</td>
<td>62%</td>
</tr>
<tr>
<td>Income</td>
<td>Avg. Household</td>
<td>$31,272</td>
<td>$49.167</td>
<td>57%</td>
</tr>
<tr>
<td>Stamp</td>
<td>1st Class</td>
<td>.29¢</td>
<td>.44¢</td>
<td>52%</td>
</tr>
<tr>
<td>Beef</td>
<td>Per Pound</td>
<td>$1.57</td>
<td>$2.28</td>
<td>46%</td>
</tr>
<tr>
<td>Car</td>
<td>Avg. New Car</td>
<td>$19,200</td>
<td>$26,850</td>
<td>40%</td>
</tr>
<tr>
<td>Consumer Price Index</td>
<td>Avg. Purchases</td>
<td>144.48</td>
<td>218.08</td>
<td>51%</td>
</tr>
<tr>
<td>Construction</td>
<td>Const. Cost Index</td>
<td>99.50</td>
<td>237.60</td>
<td>139%</td>
</tr>
<tr>
<td>Fed Gas Tax</td>
<td>Per Gallon</td>
<td>0.184</td>
<td>0.184</td>
<td>0%</td>
</tr>
</tbody>
</table>
$100,000,000 Widening Program

**THEN**

22 years ago, in 1995, **33 miles** of Highway could be widened.

**NOW**

As of 2015, using the same resources, only **15 miles** of Highway could be widened.
Arkansas Primary Highway Network

Carries 92% of All Travel

Accounts for 50% of State System

Funding Should Follow the Traffic
• AHTD Name Change
• Speed Limits
• Highway Funding
1999 Interstate Rehabilitation Program

- 50 Projects
- 356 Miles
- $973 Million

Prior to Program
63% Poor or Mediocre

After Program
72% Good
2011 Interstate Rehabilitation Program

Completed:
30 Projects
198 miles
$593 million

Under Construction:
15 Projects
78 miles
$494 million

Scheduled:
38 Projects
219 miles
$408 million
Connecting Arkansas Program Update

Under Construction:
10 Projects
55 miles
$458 million

Completed:
3 Projects
12 miles
$88 million

Scheduled:
23 Projects
118 miles
$1.27 billion
Completed

$91 Million
32 miles Rehabilitated

$116 Million
5.5 Miles of New Location
Under Construction

$28.7 Million
City Street Widening
Scheduled

Rehabilitation (8 projects)
47.2 Miles / $37.9 Million

Widening (2 projects)
6.3 Miles / $28 Million

Bridge Replacement
(2 projects)
$4.4 Million

Preliminary Engineering
I-40/Hwy. 59
Interchange Improvements
$700,000
Future Interstate 49

• Highway 22 to Interstate 40
• Alignment Approved 1997
• STIP – Preliminary Engineering $10 M
• Consultant Services
  ✓ Environmental Reassessment
  ✓ Conceptual Design
  ✓ Cost Estimate
  ✓ Toll Feasibility
  ✓ Design/Build/Finance/Operate/Maintain
Studies for Future Construction

Study
Capacity Improvement Study for I-540 & Hwy. 22 in Fort Smith & Van Buren
**Review – All Activities**

**Completed**
- 10 Projects
- 37.4 Miles
- $188.3 Million

**Under Construction**
- 2 Projects
- 3.7 Miles
- $38.3 Million

**Scheduled**
- 14 Projects
- 53.52 Miles
- $138.9 Million

**Study**
Capacity Improvement Study for I-540 & Hwy. 22 in Fort Smith & Van Buren
• ArkansasHighways.com
• ConnectingArkansasProgram.com
• Vimeo.com/AHTD
• IDriveArkansas.com
• Twitter.com @AHTD
Questions?