Arkansas State Highway and Transportation Department

Arkadelphia Rotary Club

Friday, March 27, 2015
## State Highway Systems

<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>
Arkansas ranks 12th in number of miles
16,416 miles
Arkansas ranks 44th in revenue per mile
$71,494
AHTD Administrative Costs Per Mile

National Average = $9,705/mile
Surrounding States’ Average = $4,905/mile
Arkansas = $2,024/mile
Arkansas’ Rank = 48th
## Employment Levels

<table>
<thead>
<tr>
<th>Year</th>
<th>Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>3,634</td>
</tr>
<tr>
<td>2002</td>
<td>3,801</td>
</tr>
<tr>
<td>1992</td>
<td>4,016</td>
</tr>
<tr>
<td>1982</td>
<td>3,770</td>
</tr>
<tr>
<td>1972</td>
<td>3,892</td>
</tr>
<tr>
<td>1965</td>
<td>3,620</td>
</tr>
</tbody>
</table>
Other Programs/Activities

State Aid Programs for Cities and Counties
Game & Fish Roads
State Park Roads
Institutional Roads
Airport Access Roads
Welcome Centers & Rest Areas
Arkansas Recreational Trails
Transportation Alternatives Program
Other Programs/Activities

Arkansas Commercial Truck Safety and Education Program
Historic Bridge Program
Adopt-A-Highway Program
Litter Hotline
Public Transportation Programs
Wildflower Program
Research Grants to State Universities
Scholarships for Engineering Students
Highway Districts

District Headquarters
Interstate Rehabilitation Program

Scheduled
Under Construction
Complete
# Clark County Construction

<table>
<thead>
<tr>
<th>Projects</th>
<th>Miles</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete</td>
<td>95</td>
<td>$44.4 million</td>
</tr>
<tr>
<td>Under Construction</td>
<td>1.3</td>
<td>$24.8 million</td>
</tr>
<tr>
<td>Scheduled</td>
<td>37</td>
<td>$29.5 million</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>133.3</strong></td>
<td><strong>$98.7 million</strong></td>
</tr>
</tbody>
</table>
Bridge Replacement

Highway 51 Bridge Replacement
14.8 million
Est. Complete: May 2017
Bridge Replacement

Highway 67
Bridge Replacement
9.3 million
Resurfacing
Boughton Rd – Gurdon Rest Area

Boughton Rd. – Gurdon Rest Area
$4.5 million
Est. Award: 2019
Clark County
Planned Construction

Rehabilitation

Caddo River – Caddo Valley
1 mile
Est. Award: 2020

Caddo Valley - East
8 miles
Est. Award: 2021

Gurdon Rest Area-Hwy 26
12.3 miles
Est. Award: 2021
Clark County
Planned Construction

Rehabilitation
Hwy 26-Hwy. 8

Hwy. 51
Rehabilitation
Est. Award: Late 2015
$4 million

Arkadelphia
Clark County
Planned Construction

Resurface & Shoulders
Center Point – Hwy. 67

Hwy. 53
Resurface
Center Point – Hwy 67
$2.5 million
Clark County

Planned Construction

Resurface & Shoulders

Hwy. 51 – Interstate 30

Hwy. 53
Resurface
Hwy 51 - I-30
$1.2 million
Clark County

Planned Construction

Resurface & Shoulders

Hwy. 26 – Hwy. 51

Hwy. 53
Resurface
Hwy 26 – Hwy 51
$1.7 million
Federal Stimulus

$353 Million
### Arkansas Hwy. Funding Sources

<table>
<thead>
<tr>
<th>Source</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal Per-Gallon Motor Fuel Tax</td>
<td>91%</td>
</tr>
<tr>
<td>Truck/Bus/Trailer</td>
<td>7%</td>
</tr>
<tr>
<td>Tires</td>
<td>1.0%</td>
</tr>
<tr>
<td>Diesel/Spec. Fuels</td>
<td>25%</td>
</tr>
<tr>
<td>Gasoline</td>
<td>66%</td>
</tr>
<tr>
<td>Heavy Vehicle Tax</td>
<td>0.1%</td>
</tr>
</tbody>
</table>
# Arkansas Hwy. Funding Sources

<table>
<thead>
<tr>
<th>Source</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per-Gallon Fuel Tax</td>
<td>67%</td>
</tr>
<tr>
<td>Vehicle Registration</td>
<td>20%</td>
</tr>
<tr>
<td>License/Permit/Inspection Fees</td>
<td>6%</td>
</tr>
<tr>
<td>Severance Tax</td>
<td>7%</td>
</tr>
</tbody>
</table>
State and Federal Diesel Taxes

AMERICAN PETROLEUM INSTITUTE

DIESEL TAXES
COMBINED LOCAL, STATE AND FEDERAL (CENTS PER GALLON)
Rates Effective 10/01/2014

[Map showing state diesel taxes with varying rates across the U.S., with color codes indicating different tax ranges]

U.S. AVERAGE: 55.15
### Arkansas Travel Trends 2007-2013

<table>
<thead>
<tr>
<th></th>
<th>2007</th>
<th>2013</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas &amp; diesel Consumption</td>
<td>2.087 billion</td>
<td>2.001 billion</td>
<td>86 million</td>
</tr>
<tr>
<td>Gas &amp; diesel Revenue</td>
<td>$454 million</td>
<td>$400 million</td>
<td>$54 million</td>
</tr>
<tr>
<td>Miles Traveled</td>
<td>32.4 billion</td>
<td>33.5 billion</td>
<td>1.1 billion</td>
</tr>
<tr>
<td>Item</td>
<td>Description</td>
<td>1993</td>
<td>2010</td>
</tr>
<tr>
<td>------------</td>
<td>----------------------</td>
<td>---------</td>
<td>---------</td>
</tr>
<tr>
<td>Tuition</td>
<td>Tuition/Fees</td>
<td>$3,517</td>
<td>$9,136</td>
</tr>
<tr>
<td>Gas</td>
<td>Per Gallon</td>
<td>$1.12</td>
<td>$2.73</td>
</tr>
<tr>
<td>Movie</td>
<td>Avg. Ticket</td>
<td>$4.14</td>
<td>$7.89</td>
</tr>
<tr>
<td>House</td>
<td>Median Price</td>
<td>$126,500</td>
<td>$221,800</td>
</tr>
<tr>
<td>Bread</td>
<td>Per Pound</td>
<td>$1.08</td>
<td>$1.76</td>
</tr>
<tr>
<td>Income</td>
<td>Median Household</td>
<td>$31,272</td>
<td>$49,167</td>
</tr>
<tr>
<td>Stamp</td>
<td>1st Class</td>
<td>.29¢</td>
<td>.44¢</td>
</tr>
<tr>
<td>Beef</td>
<td>Per Pound</td>
<td>$1.57</td>
<td>$2.28</td>
</tr>
<tr>
<td>Car</td>
<td>Avg. New Car</td>
<td>$19,200</td>
<td>$26,850</td>
</tr>
<tr>
<td>Fed Gas Tax</td>
<td>Per Gallon</td>
<td>0.184</td>
<td>0.184</td>
</tr>
</tbody>
</table>
Challenges

**$100,000,000 Widening Program**

- Miles of Widening (Rural Highway 2 to 5 Lanes)
- Year

**$10,000,000 Overlay Program**

- Miles of Overlay (2 Lane)
- Year

**$25,000,000 Bridge Program**

- Number of Bridges (Avg. Size 40' x 200')
- Year
State General Revenues vs. AHTD Net Highway Revenues

Arkansas State General Revenues vs. AHTD Net Highway Revenues

Excludes County & City aid funds
Prepared by: Transportation Planning and Policy, 8/15/2014
Challenges

- 12th largest system in the country
- 44th in highway revenue per mile.
- $20.4 billion in needs
- $3.6 billion in available revenue
Litter Hotline 866-811-1222