Highway Commission Review & Advisory Subcommittee
June 14, 2018
Agenda Item C

REPORT TO THE HIGHWAY COMMISSION REVIEW AND ADVISORY SUBCOMMITTEE OF EACH PUBLIC ROAD CONSTRUCTION PROJECT OF TEN MILLION DOLLARS ($10,000,000) OR MORE.

QUESTIONS?
<table>
<thead>
<tr>
<th></th>
<th>Arkansas</th>
<th>Tennessee</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>3 Million</td>
<td>6.7 Million</td>
<td>2.2 times greater</td>
</tr>
<tr>
<td>AVMT</td>
<td>36 Billion</td>
<td>77 Billion</td>
<td>2.1 times greater</td>
</tr>
<tr>
<td>Total Revenue</td>
<td>$1 Billion</td>
<td>$2.1 Billion</td>
<td>2.1 times greater</td>
</tr>
<tr>
<td>State Revenue</td>
<td>$430 Million</td>
<td>$1.1 Billion</td>
<td>2.6 times greater</td>
</tr>
<tr>
<td># Employees</td>
<td>3,500</td>
<td>4,000</td>
<td>500 more</td>
</tr>
<tr>
<td>Highway Miles</td>
<td>16,400 miles</td>
<td>13,900 miles</td>
<td>2,500 fewer miles</td>
</tr>
</tbody>
</table>
Arkansas Highway Commission
March 14, 2018 Meeting
February - March Flooding
February - March Flooding

Closed Highways Due to High Water
February 14th to February 24th, 2018

[Map of Arkansas showing closed highways due to high water]
February - March Flooding

Closed Highways Due to High Water
February 25th to March 3rd, 2018

[Map showing flooded areas]
February - March Flooding
February - March Flooding
American Council of Engineering Companies
Engineering Excellence Awards

ACEC Arkansas

GRAND CONCEPTOR AWARD
2017-2018 ENGINEERING EXCELLENCE AWARD presented to ARDOT
for ensuring excellence in engineering design on the project
BROADWAY BRIDGE REPLACEMENT PROJECT
Engineered by Greg Carver
March 8, 2018

ACEC Arkansas

AR DOT
ARKANSAS DEPARTMENT OF TRANSPORTATION
Arkansas Highway Commission
April 24, 2018 Meeting
Introducing Jay Thompson
Chief of the Arkansas Highway Police

Arkansas Highway Police is a Division of the Arkansas Department of Transportation.
Drug Seizures

**April 30**
- 340 LBS
- 2,340 Units of Cannabis Oil

**April 22**
- 232 LBS

**May 6**
- 200 LBS

**May 15**
- 30 LBS
- $7,160 U.S. Currency
Awarded to graduates who have achieved distinction in their fields within the first 15 years of their career.

Jessie Jones
Division Head
Transportation Planning & Policy
Ribbon Cuttings

Springdale & Searcy Bypasses
Arkansas Highway Commission
June 6, 2018 Meeting
Excellence in Program Administration Award

2018 AASHTO Civil Rights Training Symposium

Excellence in Program Administration Award

Joanna McFadden
EEO/DBE Section Head
Ribbon Cuttings

Manila Bypass & U.S. Highway 70
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
Current STIP Schedule

- March 2018: Proposed Projects to MPOs
- June 2018: Release STIP for Public Comment
- Summer 2018: Receive MPOs Transportation Improvement Programs (TIPs)
- August 2018: Submit to Federal Highway Administration (FHWA) and Federal Transit Administration (FTA)
- September 2018: Approval from FHWA and FTA
DRAFT
Statewide Transportation Improvement Program for Federal Fiscal Years 2019-2022 (STIP)

State & U.S. Senators
State & U.S. Representatives
Mayors
County Judges
Chambers of Commerce
Metropolitan Planning Organizations
Planning & Development Districts
Main Street Groups
Educational Co-ops

Government Agencies
National Park Service
U.S. Forest Service
Colleges & Universities
Transit Organizations
School Districts
Select Non-profit Organizations
Indian Tribes
Managing the Decline of the Highway System
Average Daily Traffic
137 Miles with Greater than 50,000 Vehicles Per day
321 Miles between 30,001 - 50,000 Vehicles Per Day
436 Miles between 20,001 - 30,000 Vehicles Per Day
Average Daily Traffic

Average 2015, 2016, 2017

- >60,000: 137 Miles
- 36,001-50,000: 321 Miles
- 26,001-30,000: 436 Miles
- 13,001-20,000: 365 Miles

365 Miles
between
13,001 - 20,000
Vehicles Per Day
588 Miles between 9,001 - 13,000 Vehicles Per Day
2,228 Miles between 4,001 - 9,000 Vehicles Per Day
4,000 Average Daily Traffic * 365 Days = 1,460,000 Vehicle Miles Traveled Per Year

<table>
<thead>
<tr>
<th>Type Vehicle</th>
<th>Miles Traveled</th>
<th>Gallons of Fuel</th>
<th>Fuel Tax Generated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car</td>
<td>1,394,300</td>
<td>63,377</td>
<td>$13,626</td>
</tr>
<tr>
<td>Truck</td>
<td>65,700</td>
<td>10,266</td>
<td>$2,310</td>
</tr>
<tr>
<td>Totals</td>
<td>1,460,000</td>
<td>73,643</td>
<td>$15,936</td>
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ARDOT Receives Approximately 63% of Funding Generated from Fuel Tax

$10,040 Per Year for a 2-Lane Road
2,474 Miles between 2,001 - 4,000 Vehicles Per Day
3,044 Miles between 1,001 - 2,000 Vehicles Per Day
3,161 Miles between 501 - 1,000 Vehicles Per Day
3,697 Miles with Less Than 500 Vehicles Per Day
Shoulder Width
6,007 Miles
4’ or Greater Shoulders
1,338 Miles of 3’ Shoulder
1,230 Miles of 2’ Shoulder
675 Miles 1’ or Less Shoulders
6,450 Miles Unpaved Shoulders
Route Connectivity
286 Miles of Business Routes

25 Miles of City Route

83 Miles of Spur Routes

4 Miles of Truck Routes

851 Miles of No Connection Routes
Managing the Decline

• **Possible Actions**
  
  ✓ Convert Selected Highways into Gravel Roads
  
  ✓ Reduce Level of Design
  
  ✓ Require Capital/Capacity Improvement Projects to include Local Funding
  
  ✓ Increased Concentration of Projects on Arkansas Primary Highway Network
  
  ✓ Increased Concentration of Projects on System Preservation
  
  ✓ Increased Concentration of Maintenance Efforts on Arkansas Primary Highway Network
Discussion on Status of State Matching Funds for Federal Fiscal Year 2018
Upcoming Highway Commission Meetings

July 11
August 29
October 10
November 14