Joint Engineer’s Luncheon
Monday, February 22, 2021

Lorie H. Tudor, P.E.
Director
Civil Engineering

- Surveying
- R.C.C Structure Design
- Strength of Materials
- Applied Mechanics
- Waste Water
- Irrigation
- Structural Design Specifications
- Supply Engineering
- Highway Engineering
- Soil Mechanics
- Concrete Technology
- Building Materials
- Construction Management
- Estimating
- Construction
- Hydraulics
- Costing
At its heart, Engineering is about using science to find creative practical solutions. It is a noble profession.

Queen Elizabeth II / www.geckoandfly.com
Engineering careers are some of the toughest, most stressful, yet rewarding ways to make a living out there.

Winter Storms
Bravo to the road crews in Little Rock and @myARDOT! While secondary streets still have quite a bit of snow on them, I-630 is completely clear at this time. I can even see the lane markers! First time in a while! See you at 4:30. @KATVNews

I just went from Paragould to Jonesboro. Roads have some fresh snow, but state roads are very drivable. @myARDOT is doing well. Worst part was getting out of my neighborhood because I have hills in both directions.

Yes - @myARDOT has done a remarkable job on the roads. Great job! @KATV

Grateful for the extra work @myARDOT has been doing a great job keeping the roads safe.

@myARDOT please give my thanks to the entire crew who has worked to keep the state roads in the best shape they can given the weather. You all have been on top of it this week! Only one more storm to go.

Yes pat went too Crain Kia where he works and was surprised after work!
The word engineer is derived from the Latin root ingenium, meaning "cleverness".

Engineers design materials, structures, machines and systems while considering the limitations imposed by practicality, safety and cost.
The Journey So Far

The Problem

• Flat Revenues
• Inflation

Temporary Solutions

• 2010 Blue Ribbon Committee Report
• 2017 Governor’s Working Group

Permanent Solution

• 2019 Governor’s Long Term Funding Plan
Funding Challenges
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In 1998, **200 lane miles** of highway could be overlaid with $10 million.

In 2018, **90 lane miles** of highway could be overlaid with $10 million.
The Journey So Far

The Problem

• Flat Revenues
• Inflation

Temporary Solutions

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• 2017 Governor’s Working Group

Permanent Solution

• 2019 Governor’s Long Term Funding Plan
Voter Approved in 2012
Provides Temporary Half-Cent Sales Tax
Expires June 2023

ARMOT’s Revenue Dedicated to the Connecting Arkansas Program
Current Connecting Arkansas Program

Completed
Number of Projects: 17
Miles: 89
Amount (Millions): $699

Under Construction
Number of Projects: 12
Miles: 72
Amount (Millions): $1,839

Scheduled
Number of Projects: 2
Miles: 7
Amount (Millions): $170

Total Program
Number of Projects: 31
Miles: 168
Amount (Millions): $2,009
Current Connecting Arkansas Program
Highway 70 Widening
Garland and Saline Counties
Current Connecting Arkansas Program
Future US Hwy 412 - Springdale Bypass
Benton County
Current Connecting Arkansas Program
Highway 167 Widening
Calhoun County

connectingarkansasprogram.com
The Journey So Far

The Problem

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Permanent Solution

• 2019 Governor’s Long Term Funding Plan
November 3, 2020

- Average Family $8 per month
- No Increase / No Decrease
- Not on Groceries, Fuel, Med
- Only for Road Improvements
Benefits of a $8/month or 27 cents/day Investment?

- Increased Safety
- Increased Property Values
- Increased Job Opportunities
- Better Accessibility
- Less Wear and Tear on Vehicles
- Less Fuel Expense
The Ballot Question: Issue 1

55% FOR

Funding from current sales tax continues after June 2023
What Will Issue 1 Do?

- 0.5% Sales Tax Permanent
- 15% ($44 Million) County Transportation
- 15% ($44 Million) City Transportation
- 70% ($206 Million) State Highways
- Renew Arkansas Highways Program

LONG TERM PLAN
2024-2033 Draft Program of Preservation Projects (Pavement & Bridges)

<table>
<thead>
<tr>
<th>Job Type</th>
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<tbody>
<tr>
<td>Bridge</td>
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<tr>
<td>Roadway</td>
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National Highway Performance & Cost Effectiveness Ranking

The map above represents the performance and cost effectiveness ranking of highways across the United States. Each state is color-coded based on their ranking:

- Green: 1 to 10
- Light Green: 11-20
- Yellow: 21-30
- Orange: 31-40
- Red: 41-50
- Black: Not ranked

The rankings are based on various factors including the condition of the highways, traffic flow, and maintenance costs.
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