



Arkansas State Highway Commission Meeting

April 27, 2022

01

Meeting Minutes of March 16, 2022

02

Consideration of Minute Orders

ARKANSAS TRAFFIC INCIDENT MANAGEMENT ADVANCED TRAINING FACILITY

1st Lt. Brad Perkins
Arkansas Highway Police



Purpose of Traffic Incident Management Program

Traffic Incident Management (TIM) Program

- **Designed to establish consistent training foundation for all responders**
- **National Unified Goal (NUG):**
 - **Responder Safety**
 - **Safe, Quick Clearance**
 - **Prompt and Reliable Communications**



Designed for Responders

- **Communications**
- **Emergency Management**
- **Emergency Medical Services (EMS)**
- **Fire/Rescue (F/R)**
- **Law Enforcement (LE)**
- **Towing and Recovery (T&R)**
- **Transportation/Public Works (DOT)**
- **Others**



RESPONDER SAFETY

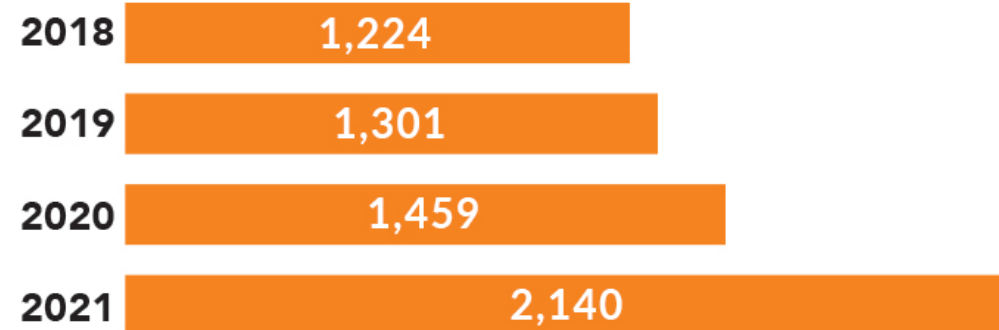


**SLOW DOWN
PHONE DOWN**
in work zones

- **Slow Down, Phone Down:** a statewide work zone safety campaign
- Arkansas Highway Police and Arkansas State Police **cracking down on distracted and reckless driving**
- **Education and awareness** around work zone laws



**WORK ZONE
CRASHES**



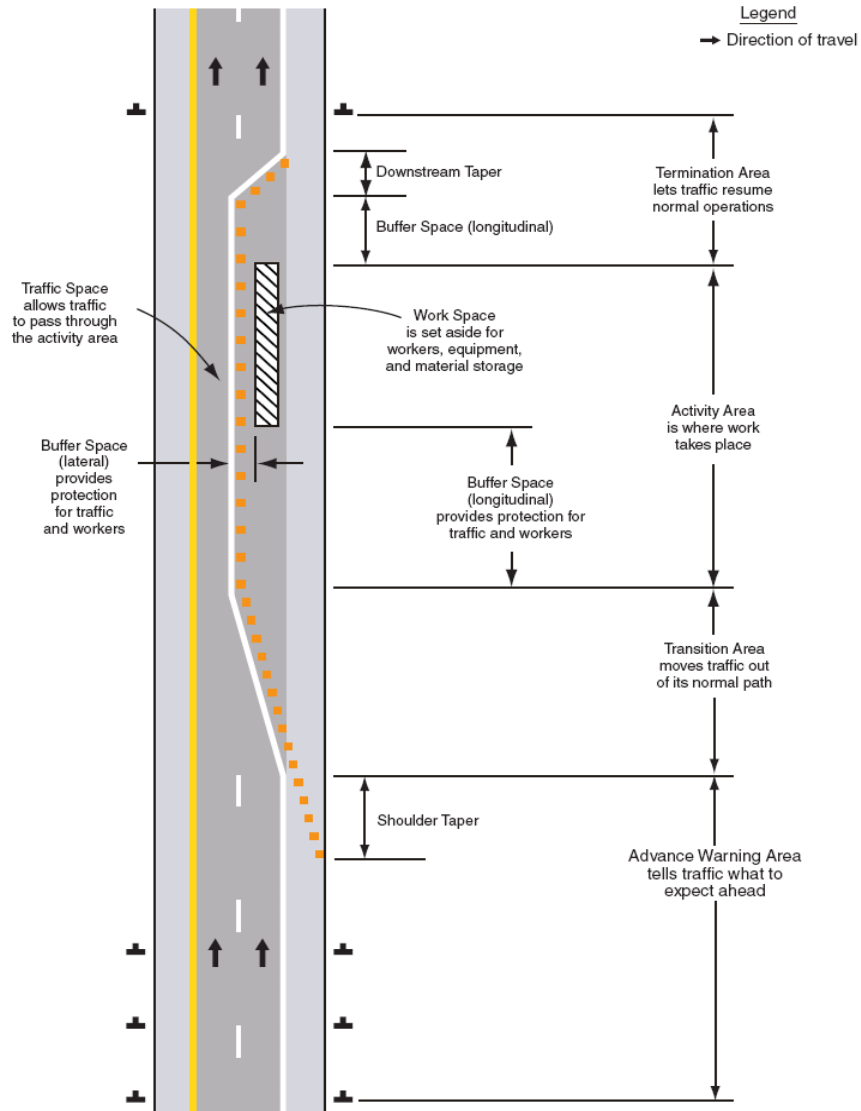
SAFE & QUICK CLEARANCE

ECONOMIC IMPACT

- The Average Roadway User Cost
- Both Lanes Completely Blocked and Traffic Detoured for 2 Hours
- I-40 Westbound Between Carlisle and Lonoke \$140,000
- I-30 Eastbound Between Malvern and Benton \$230,000



PROMPT & RELIABLE COMMUNICATIONS



Educating other Disciplines to Understand Work Zones

Four Parts of a Work Zone

- Advance Warning Area
- Transition Area
- Active Work Area
- Termination Area

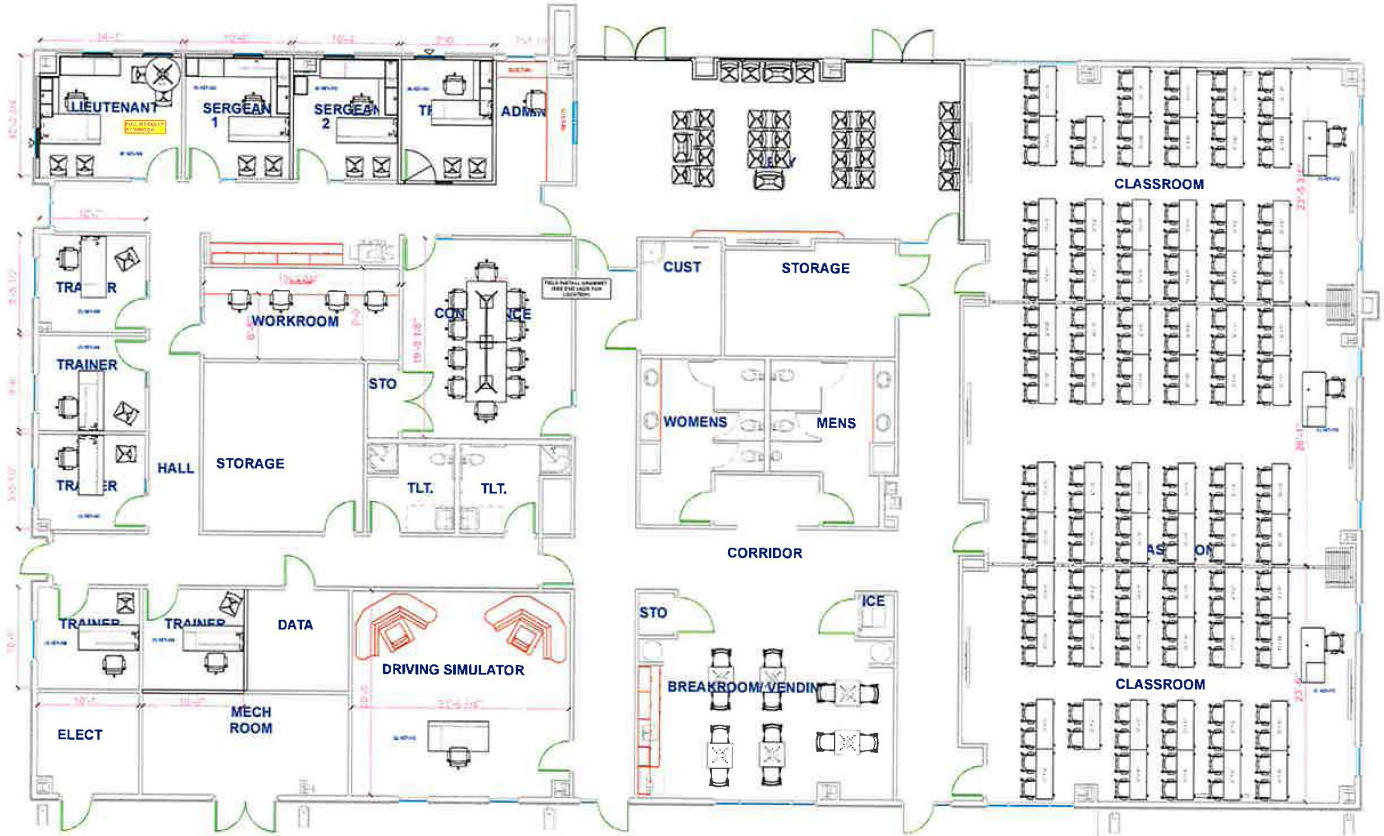
ADVANCED TRAINING - SAFE CONTROLLED ENVIRONMENT



Proposed Building



Proposed Building

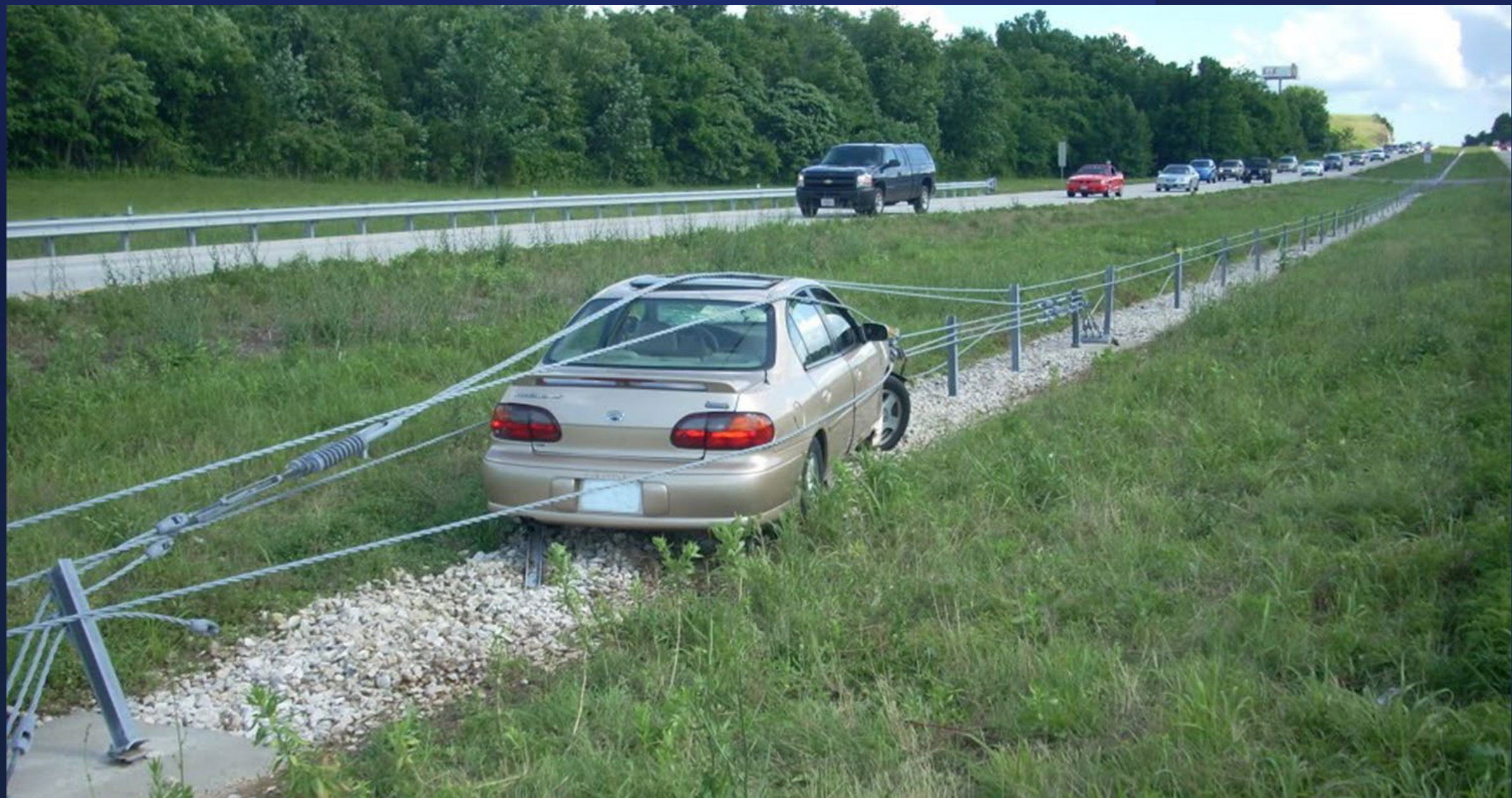


FLOORPLAN

3/32" = 1'

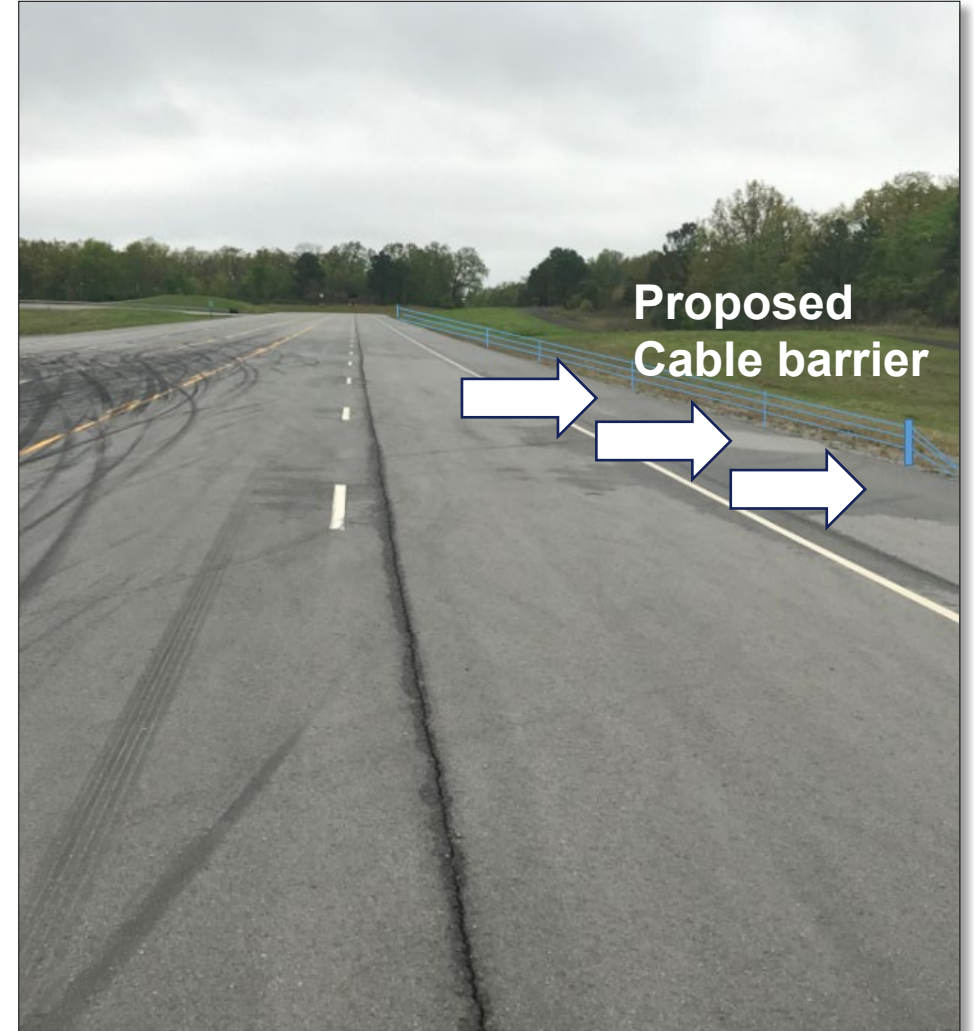
Observation Tower & TIM Training Facility





Cable Barrier Training

Potential Location for Cable Barrier Training

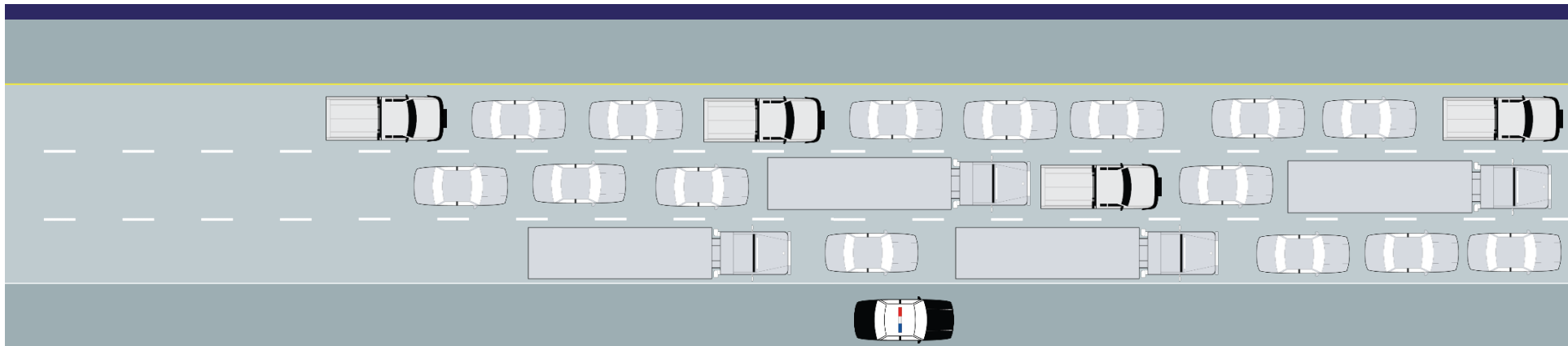


Push Bumper Training



Traffic Backup Management

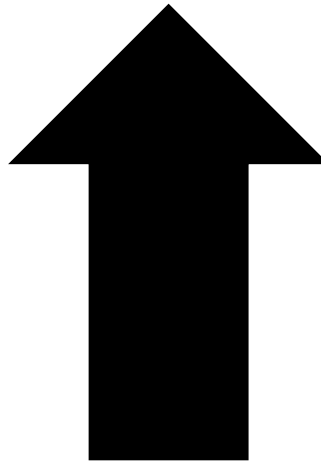
- A first responder vehicle, strategically placed on the shoulder upstream from an incident, with its emergency lights activated, can help slow motorists approaching an incident scene
- This role is typically filled by law enforcement or a Safety Service Patrol



Safe Location for Traffic Backup Training



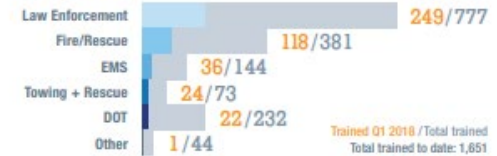
How Traffic Incident Management Has Improved



TIM TRAFFIC INCIDENT MANAGEMENT | **QUARTERLY REPORT**
 Find more information at www.ardot.gov/tim.aspx

2018 Q1 Statistics

450
 Responders
 Trained in TIM¹



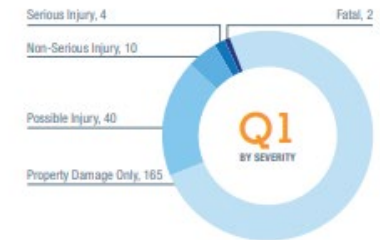
101
(MINUTES)
 Average Duration
 of Lane Blockage²



381
 Crashes Managed
 on Highways³



Secondary Crashes by Quarter



The Arkansas Department of Transportation, in collaboration with traffic incident management (TIM) stakeholders within our state, is proud to bring you the TIM quarterly report. This document will provide a snapshot of Arkansas' efforts to improve safety and mobility on our State Highway System through TIM.

¹ Reported through National TIM Responder Training Program, 1/8/18-4/3/18
² Reported through ACTIS
³ Preliminary data reported through eCrash

Arkansas TIM Yearly Comparison



YEARLY COMPARISON REPORT

2019



45

MEDIAN
DURATION OF
LANE BLOCKAGE

3577

CRASHES
MANAGED ON
HIGHWAYS



2020



43

MEDIAN
DURATION OF
LANE BLOCKAGE

3700

CRASHES
MANAGED ON
HIGHWAYS



2021



42

MEDIAN
DURATION OF
LANE BLOCKAGE

4700

CRASHES
MANAGED ON
HIGHWAYS



ARKANSAS TRAFFIC INCIDENT MANAGEMENT ADVANCED TRAINING FACILITY

1st Lt. Brad Perkins
Arkansas Highway Police





TIM Facility Funding

- Track cost - \$5.1 million
- Tower/garage cost - \$4.5 million
- Classroom shell - \$2.5 million
- ASP Foundation - \$12 million
- AHC Contribution - \$1.5 million



03

Updates

State Highway Revenue

Patrick Patton

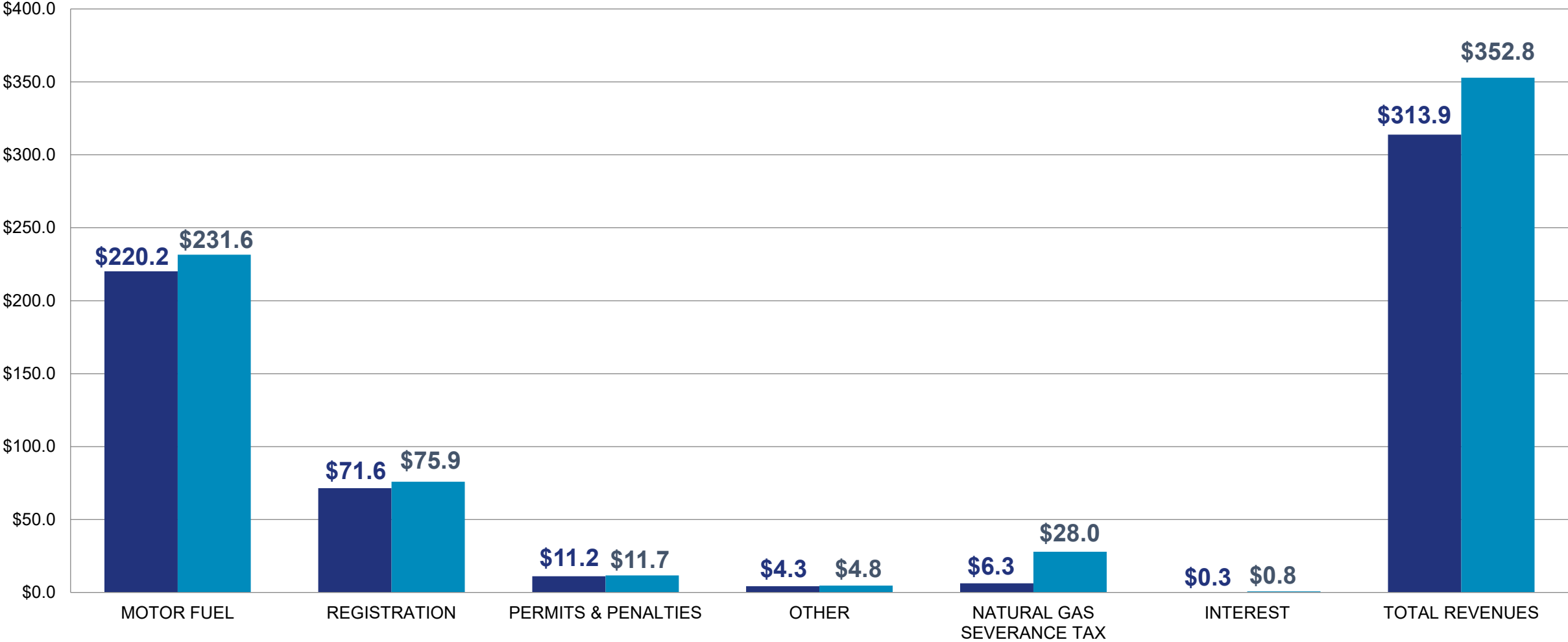
Chief Fiscal Officer

SFY 2021 vs. SFY 2022 Actual Revenue

■ FY 2021 ■ FY 2022
(MILLIONS)

March

VARIANCE	\$11.4	\$4.3	\$0.5	\$0.5	\$21.7	\$0.5	\$38.9
% CHANGE	5.2%	6.0%	4.5%	11.6%	344.4%	166.7%	12.4%



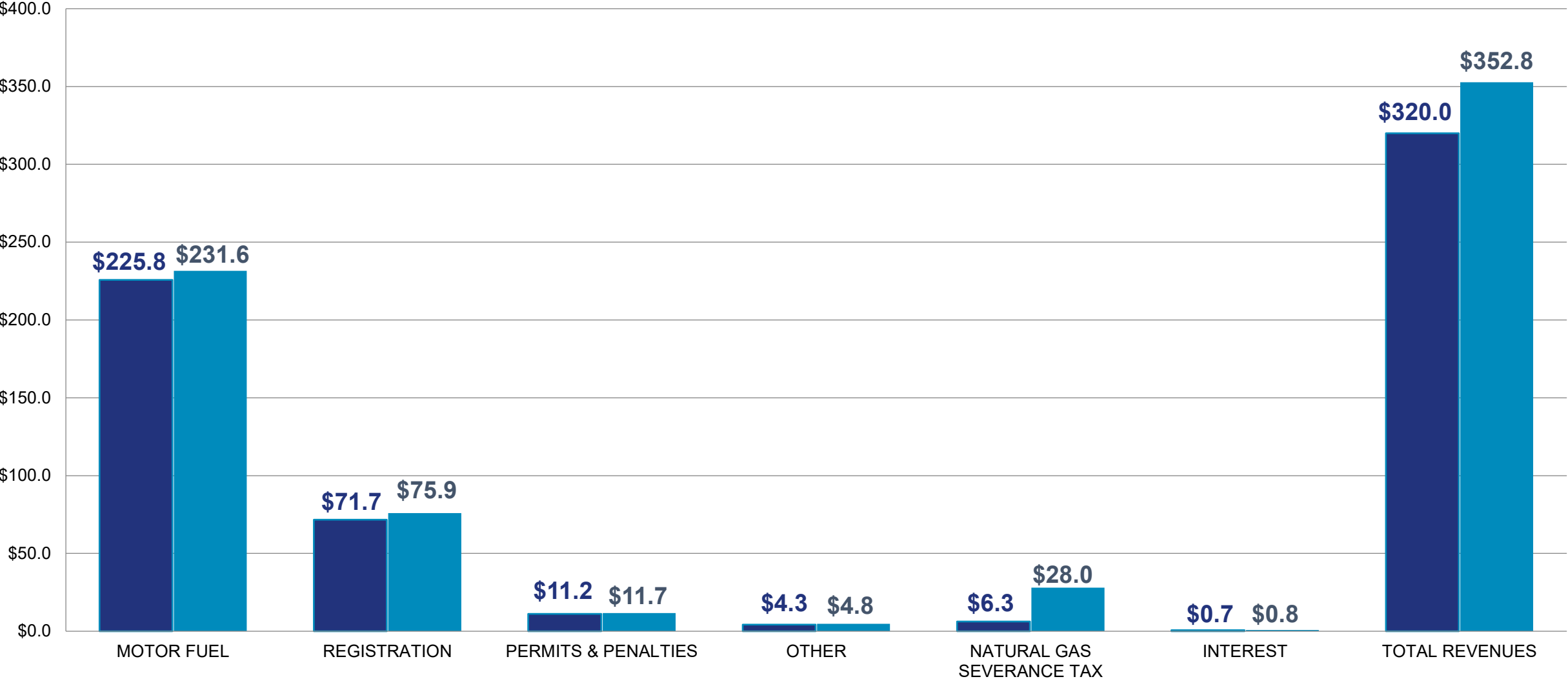
SFY 2022 Budgeted vs. Actual Revenue

■ BUDGETED ■ ACTUAL

March

(MILLIONS)

VARIANCE	\$5.8	\$4.2	\$0.5	\$0.5	\$21.7	\$0.1	\$32.8
% CHANGE	2.6%	5.9%	4.5%	11.6%	344.4%	14.3%	10.3%



SFY 2021 vs. SFY 2022 Act 416 Actual Revenue

March

■ FY 2021 ■ FY 2022
(MILLIONS)

VARIANCE
% CHANGE

\$1.9
4.5%

\$0.1
5.6%

\$0.0
0.0%

\$2.0
4.6%



SFY 2022 Budgeted vs. Act 416 Actual Revenue

March

■ BUDGET ■ ACTUAL
(MILLIONS)

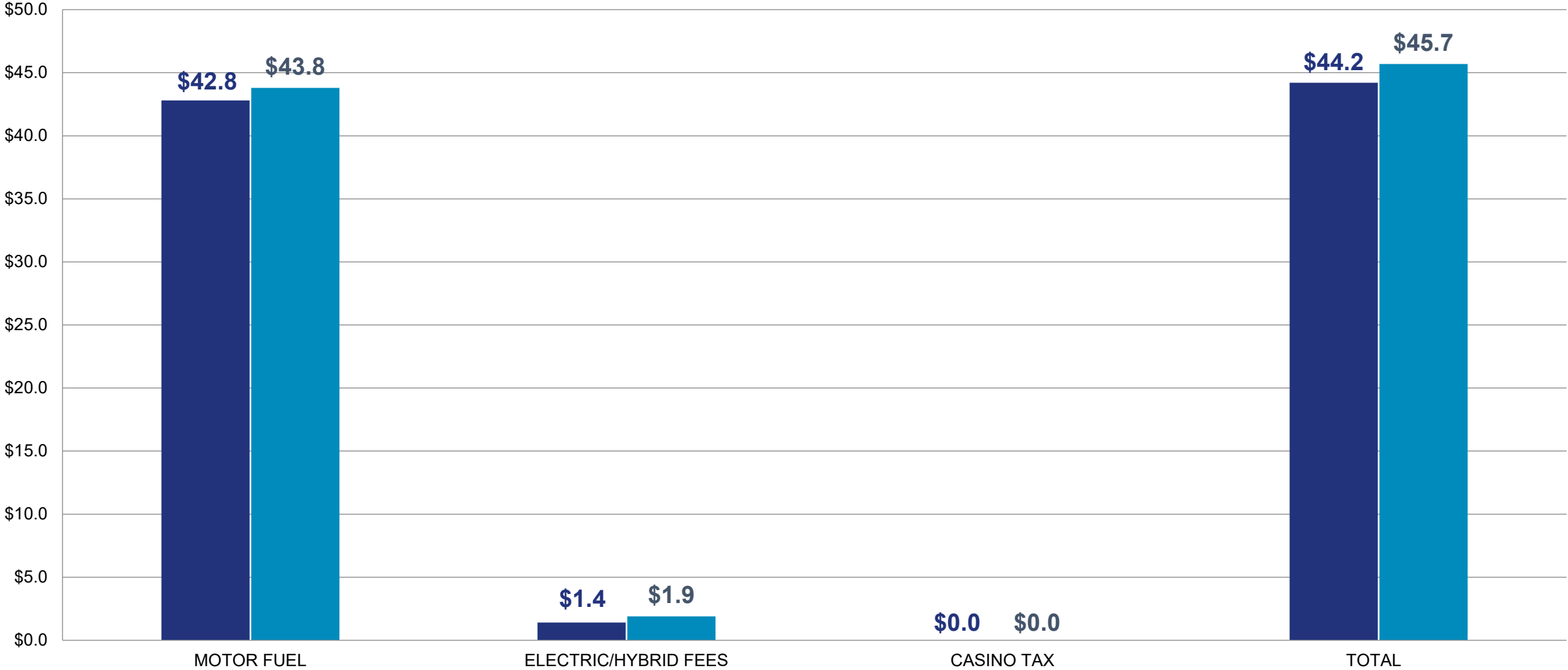
VARIANCE
% CHANGE

\$1.0
2.3%

\$0.5
35.7%

\$0.0
0.0%

\$1.5
3.4%



SFY 2021 vs. SFY 2022 Fuel Consumption

March

■ FY 2021 ■ FY 2022

(MILLION GALLONS)

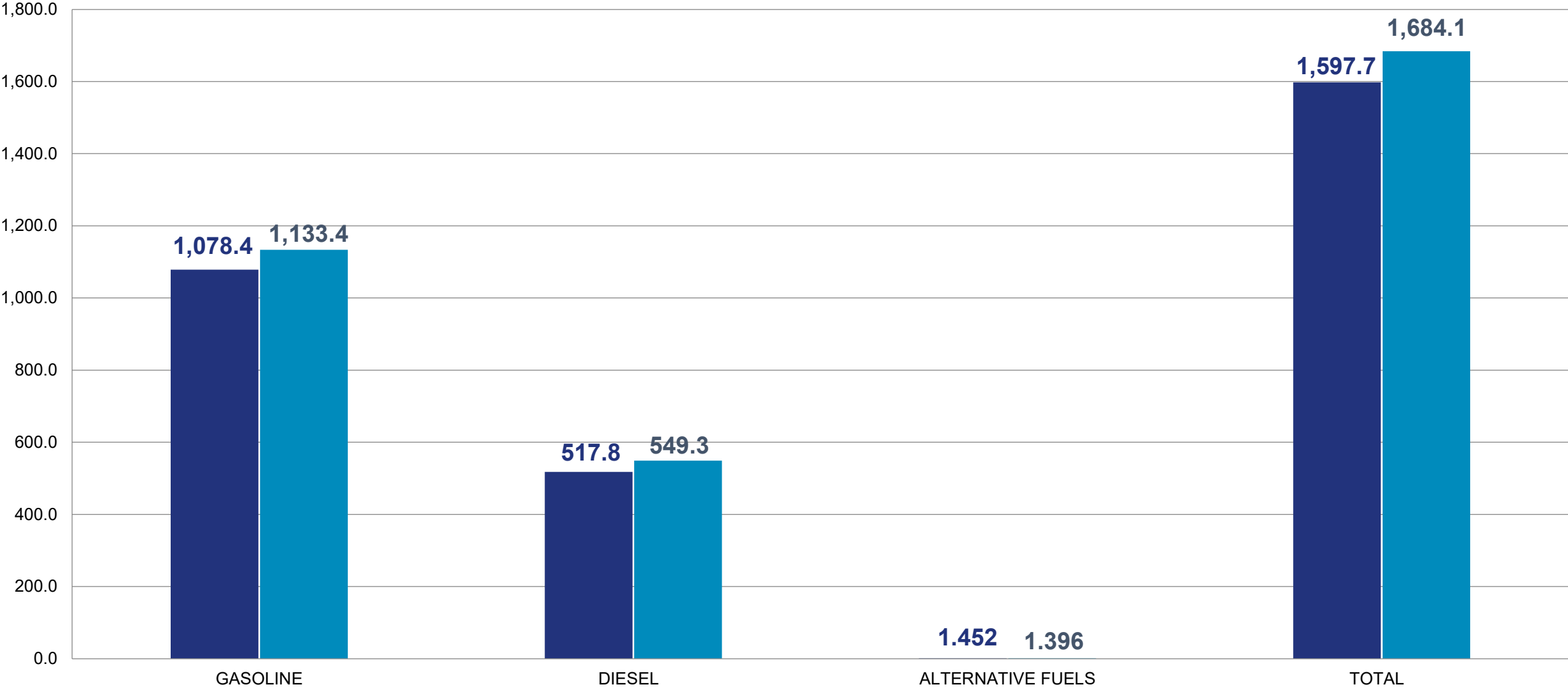
VARIANCE
% CHANGE

55.0
5.1%

31.5
6.1%

-0.06
-3.9%

86.4
5.4%





Arkansas Fuel Consumption

ROLLING 12-MONTH COMPARISON

	Previous 12 Months (gallons)	Current 12 Months (gallons)	Variance
Gasoline	1,401,286,084	1,531,138,015	9.27%
Diesel	675,220,039	738,024,279	9.30%
Alternative	1,932,662	1,849,772	-4.29%
Total	2,078,438,785	2,271,012,066	9.27%

STATE FISCAL YEAR

2022 Sales Tax

	Projected Net	Actual Receipts	Variance	Monthly Variance	Actual Variance
Jul	20,020,000	20,642,228	622,228	3.11%	3.11%
Aug	20,510,000	20,730,514	220,514	1.08%	2.08%
Sept	20,160,000	20,126,826	(33,174)	-0.16%	1.33%
Oct	19,600,000	20,496,438	896,438	4.57%	2.12%
Nov	19,180,000	20,069,204	889,204	4.64%	2.61%
Dec	20,720,000	21,682,195	962,195	4.64%	2.96%
Jan	20,440,000	21,660,221	1,220,221	5.97%	3.40%
Feb	18,550,000	18,199,993	(350,007)	-1.89%	2.78%
Mar	19,810,000	23,159,666	3,349,666	16.91%	4.35%
Apr					
May					
Jun					
Total	178,990,000	186,767,286	7,777,286		



Half-Cent Sales Tax

Projected vs. Actual Since Inception

Projected Net	Actual Receipts	Variance	Percent Variance
\$1,639,928,512	\$1,672,151,296	\$32,222,784	1.96%

Federal Highway and Transit Issues

Kevin Thornton

Assistant Chief - Administration

Infrastructure Investment and Jobs Act (IIJA)

- IIJA enacted on November 15, 2021
- Spending authority for FFY 2022 enacted on March 15, 2022
- Community Funded Projects
- IIJA Grant Information



Community Project Funding

Congressionally Directed Spending Projects

Route	Project Description	Suggested Amount to Request
Highway 67	Walnut Ridge – Missouri State Line (Future I-57)	\$100,000,000
Highway 412 Corridor	Highway 412 Corridor Improvements (Selected Sections)	\$50,000,000
Highway 60	Arkansas River – West System Resilience Improvements	\$30,000,000
New	Northwest Arkansas National Airport Access	\$60,000,000
Highway 270	Ouachita River – Fleetwood Dr. (Widening)	\$20,000,000
New	Highway 22 – Interstate 40 (Future I-49)	\$600,000,000

Upcoming Grant Funding Opportunities

Month	Funding Opportunity	Administrating Office
May	Transit-Oriented Development Pilot Program	Federal Transit Administration
May	University Transportation Centers Program	Office of the Secretary
May	Natural Gas Distribution Infrastructure Safety and Modernization Program	Pipeline and Hazardous Materials Safety Administration
May	Safe Streets and Roads for All Grant Program	Office of the Secretary
May	Nationally Significant Federal Lands and Tribal Project Program	Federal Highway Administration
May	Bridge Investment Program	Federal Highway Administration
June	Railroad Crossing Elimination Program	Federal Railroad Administration
June	Ferry Programs: Electric or Low Emitting Ferry Program; Ferry Service for Rural Communities Program; Passenger Ferry Grant Program	Federal Transit Administration
June	Reconnecting Communities Pilot Program	Office of the Secretary
July	All Stations Accessibility Program	Federal Transit Administration
July	Rail Vehicle Replacement Program	Federal Transit Administration
Summer	National Culvert Removal, Replacement, and Restoration Grant Program	Federal Highway Administration
August	Consolidated Rail Infrastructure & Safety Improvements Grant Program	Federal Railroad Administration
September	Strengthening Mobility and Revolutionizing Transportation (SMART) Grant Program	Office of the Secretary

MPDG APPLICATION

Jared Wiley P.E.

Assistant Chief Engineer for Planning



MPDG Application

Multimodal Project Discretionary Grant Opportunity

FY 2022 MPDG Opportunity



- \$2.85 Billion of Discretionary Funding is Available
- Application period opened March 22
- Applications must be submitted by May 23



FY 2022 MPDG Opportunity



- Single Application for up to three competitive grant programs:
 - National Infrastructure Project Assistance (MEGA)
 - Infrastructure for Rebuilding America (INFRA)
 - Rural Surface Transportation Grant Program (RURAL)
- MEGA and RURAL are new programs



Recommended Project

Future I-49 Highway 22 to I-40 Sebastian and Crawford Counties



Project Outcome Criteria



Safety



Economic Impacts,
Freight Movement
and Job Creation



Equity, Multimodal,
and Quality of Life



State of Good Repair



Climate Change,
Resiliency, and the
Environment

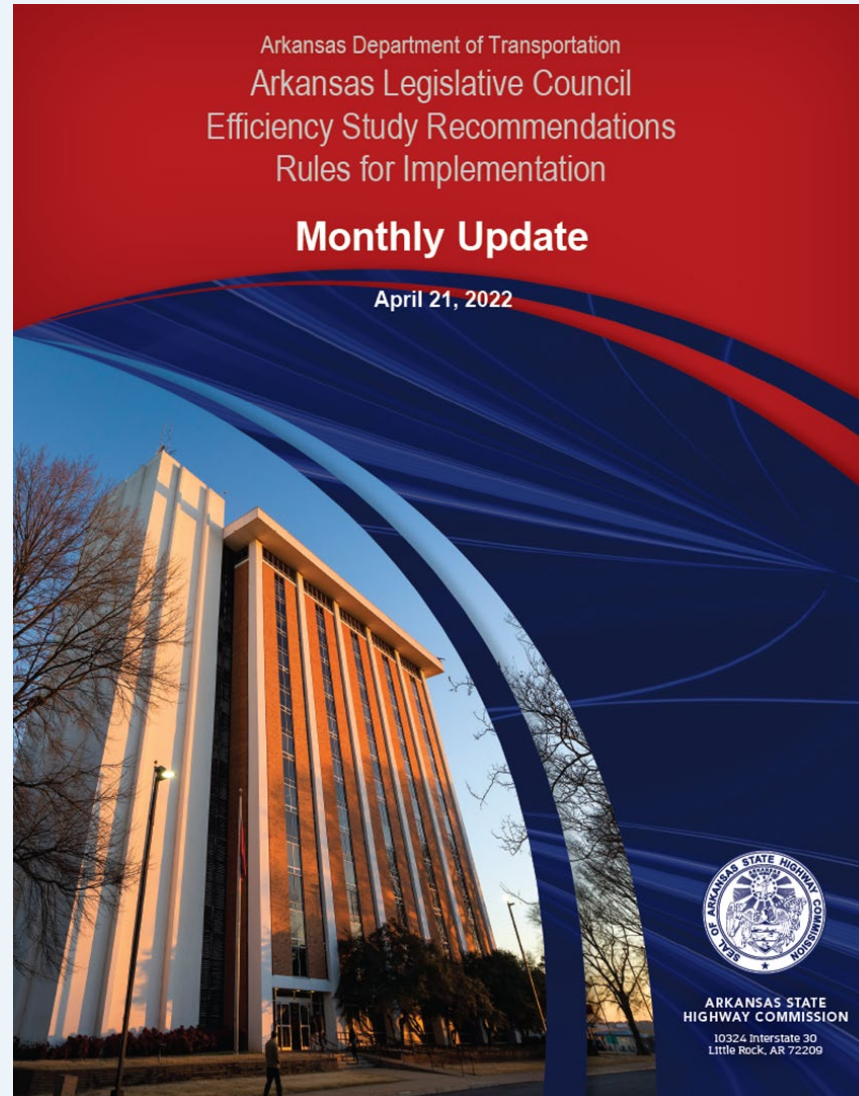


Innovation

Efficiency Review

Recommendation Implementation

Arkansas Legislative Council Efficiency Study Recommendations



Arkansas Legislative Council Efficiency Study Recommendations

- 1** Finalize KPIs and implement performance management
- 2** Strengthen knowledge management in anticipation of increased retirement
- 3** Publish status of construction projects and maintenance activities
- 4** Implement a platform that tracks all stakeholder inquiries to resolution
- 5** Implement efficiencies in procurement and purchasing

Arkansas Legislative Council Efficiency Study Recommendations

- 6** | Implement construction contractor performance measurement
- 7** | Implement project and portfolio management frameworks
- 8** | Implement best practices in construction project design
- 9** | Build an IT Governance Structure to guide to the Department's IT investments
- 10** | Implement mid-term IT initiatives that can optimize business operations

Arkansas Legislative Council Efficiency Study Recommendations

11

Develop critical pillars necessary to establish IT as an effective business partner

12

Ensure staff can develop in their careers at the Department

13

Improve staff capabilities to align with current/future organizational needs

Recent Department Activities

Events & Activities

- **Infrastructure Planning Advisory Committee (IPAC)**
- **Electric Vehicle (EV) Initiatives**
- **General Staff / Executive Staff Meetings**
- **Volkswagen Settlement Truck Event**



Events & Activities

- **Future Mobility Council**
- **AAPA Meeting**
 - **Award Presentation**
- **STEM Presentation**
- **NCEES Conference**



04

**CONSULTANT SELECTION:
ON-CALL SAFETY STUDIES**

2022 - 2024

Recommended Negotiations

- Burns McDonnell Engineering Company, Inc. – Springdale, Arkansas
- Garver, LLC – North Little Rock, Arkansas
- Halff and Associates, Inc. – Little Rock, Arkansas
- Olsson, Inc. – Fayetteville, Arkansas



05

Upcoming Events



UPCOMING

Events

APRIL 28

Greenbrier Town Hall Meeting

Director Tudor

6:30 p.m., Greenbrier, AR

MAY 3

Construction Leadership Conf.

Director Tudor

Noon, Benton Events Center

MAY 4

AGFC

Boat Ramp Dedication

Arkansas Highway Commission,

Director Tudor

11 a.m., Arkansas City, AR

MAY 9 - 13

AASHTO Conference

Deputy Director Randy Ort

New Orleans, LA

MAY 17

**ARDOT / AAPA Partnering
Meeting**

Director Tudor

10:30 a.m., Central Office

MAY 18

Bid Letting

Director Tudor

MAY 24

Transportation Research Cmt.

Director Tudor

1:30 p.m., Hot Springs, AR

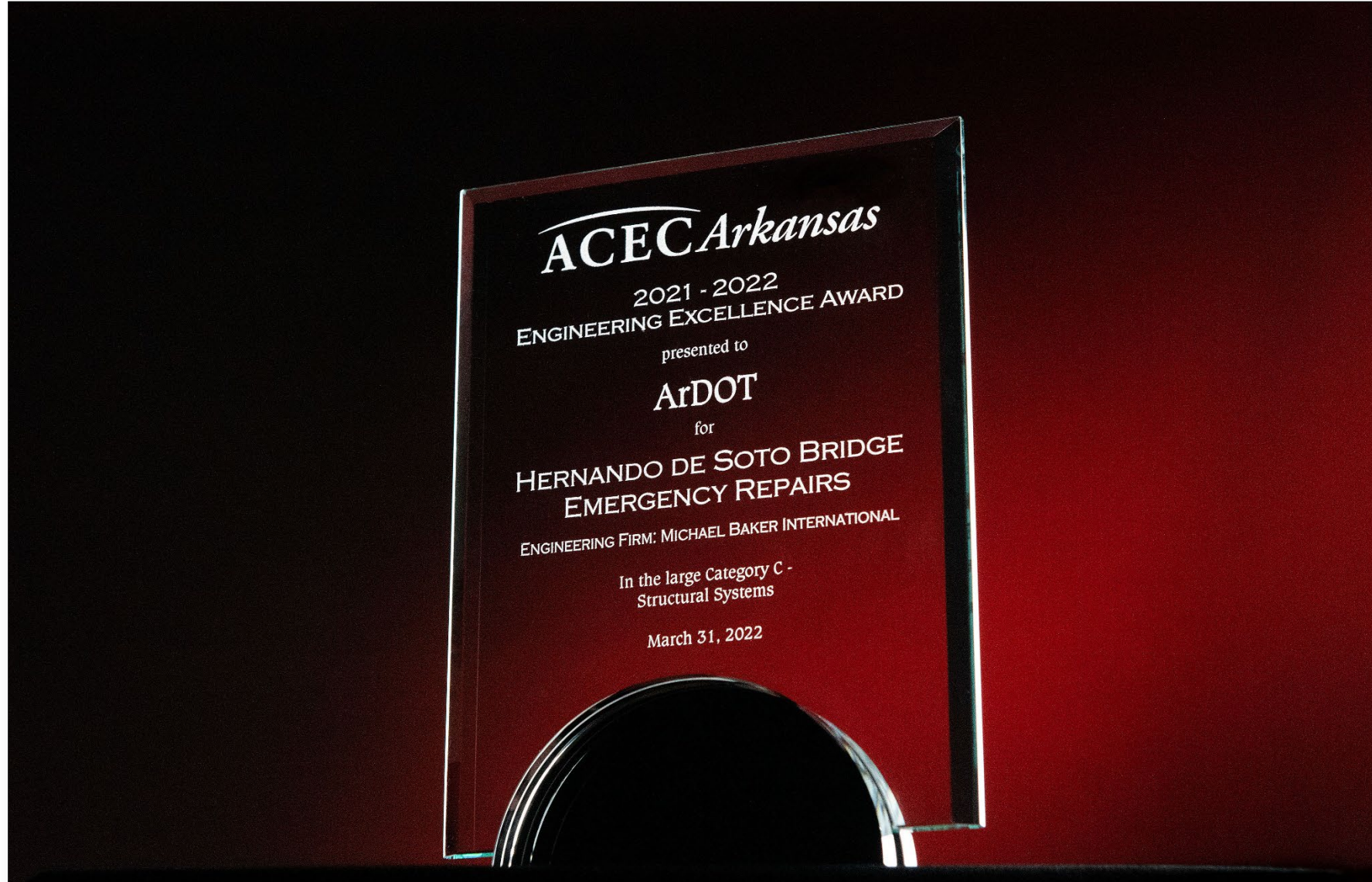
06

Other Business and Discussion

Excellence in Teamwork Award



ACEC Arkansas Engineering Excellence Award





Arkansas State Highway Commission Meeting

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