

TRRWDGP

Transportation-Related Research & Workforce Development Grant Program

OVERVIEW

The Transportation-Related Research & Workforce Development Grant Program (TRRWDGP) was established by the Arkansas Legislature in 2017 to fund transportation-related research using interest income received from the State Highway and Transportation Department Fund. The program was expanded to include workforce development projects in 2021. The purpose of this program is to support the study of materials and sources in order to establish facts and reach new conclusions to provide resilient and sustainable logistics, processes, materials, and methods to ensure cost-effectiveness and the furtherance of education and economic development concerning all forms of transportation. The program also supports industry training, apprenticeship, and educational programs to foster skills required for transportation-related workforce development.

GUIDELINES

- This grant program is open to any publicly funded institution of higher education.
- The minimum grant amount is \$20,000, and there is no maximum limit that can be requested.
- \$500,000 in funding is available each fiscal year.
- Projects can be on any transportation-related research or transportation-related workforce development topic. Projects do not have to cover both subject areas.
- Applications are solicited annually, and notice is posted at: ardot.gov/TRRWDGP

GRANT TIMELINE

..... STATE FISCAL YEAR 2026



MAY 2025

ANNOUNCEMENT FOR APPLICATIONS



JULY 2025

APPLICATIONS DUE ON JULY 2, 2025



AUGUST 2025

APPLICATIONS EVALUATED



OCTOBER 2025

AWARDS APPROVED BY HIGHWAY COMMISSION AND AWARDEES INFORMED OF SELECTION



JANUARY 2026

FUNDING AVAILABLE FOR DISTRIBUTION UPON EXECUTION OF A GRANT AGREEMENT



Planning & Research
Division

501-569-4922

May 2025

EXAMPLES OF PAST TRRWDPG PROJECTS

- Evaluation of Mechanical Properties of Alkali Activated Wood Ash Based Polymer Modified Asphalt Concrete
- Experimental Investigation and Optimization of a Hydrogen Fuel Cell Engine in a Lightweight Vehicle Aligns with Clean Transportation Strategy
- Developing a Sustainable Approach to Roadside Vegetation Management in the State of Arkansas
- Feasibility Assessment of Reclaimed Fly Ash (RFA) and Ground Tire Rubber (GTR) Modified Concrete
- An Estimation of the Relationships between Density, Transit Ridership, and Household Transportation Expenditures in Arkansas Urban Areas
- Sustainable Use of Rice Husk and Scrap Tires as Construction Materials of Transportation Infrastructures
- Entry-level Heavy Equipment Operator Training for Highway Construction
- Utilization of Steel Industry Slag for Producing Durable Concrete
- Level Three Heavy Equipment Operations - Asphalt Division



Photos top to bottom: Sieve Shaker Machine to Separate Different Sizes of Aggregate, Vehicle Equipped with a Hydrogen Fuel Cell, Pressure Meter to Measure Air Content for RFA and GTR Project, and Heavy Equipment Operator Training with a Small Roller.