

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 2025

- MAY 2024**
ANNOUNCEMENT FOR APPLICATIONS
- JULY 2024**
APPLICATIONS DUE ON JULY 8, 2024
- AUGUST 2024**
APPLICATIONS EVALUATED
- OCTOBER 2024**
AWARDS APPROVED BY HIGHWAY COMMISSION AND AWARDEES INFORMED OF SELECTION
- JANUARY 2025**
FUNDING AVAILABLE FOR DISTRIBUTION UPON EXECUTION OF A GRANT AGREEMENT



System Information and Research Division
501-569-4922

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



Photos top to bottom: Pressure Meter to Measure Air Content for RFA and GTR Project, Vehicle Equipped with a Hydrogen Fuel Cell, Data Collection on Roadside Vegetation Project, Heavy Equipment Operator Training with a Small Roller.