

Advanced Transportation Technologies and Innovative Mobility Deployment (ATTIMD) Program

PCFO IGAP Grant Snapshot

September 22, 2022

<u>Agency:</u> US Department of Transportation (DOT)	<u>Bureau:</u> Federal Highway Administration (FHWA)
<u>Application Deadline:</u> November 18, 2022	<u>Max Award:</u> \$12 million

Description

Also known as the Advanced Transportation Technology and Innovation (ATTAIN) Program, the ATTIMD Program aims to deploy, install, and operate advanced transportation technologies to improve safety, mobility, efficiency, system performance, intermodal connectivity, and infrastructure return on investment. FHWA intends for these model technology deployments to help demonstrate how emerging transportation technologies, data, and their applications can be effectively deployed and integrated with existing systems to provide access to essential services and other destinations. This also includes efforts to increase connectivity to employment, education, services, and other opportunities; support workforce development; or contribute to increased mobility, particularly for persons with visible and hidden disabilities and elderly individuals.

Eligible Recipients

1. State and local governments
2. Transit agencies
3. Metropolitan planning organizations (MPOs)
4. Other political subdivisions of a State or local government
5. A multijurisdictional group or consortia of research institutions or academic institutions

There is a rural set-aside for this program, directing that not less than 20% of the amounts be reserved for projects serving rural areas.

Matching Grant Requirements

20% cost share requirement

Eligible Projects

Projects funded under this program will deploy advanced transportation and congestion management technologies, which could include:

- Advanced traveler information systems
- Advanced transportation management technologies
- Advanced transportation technologies to improve emergency evacuation and response by Federal, State, and local authorities
- Infrastructure maintenance, monitoring, and condition assessment
- Advanced public transportation systems

- Transportation system performance data collection, analysis, and dissemination systems
- Advanced safety systems, including vehicle-to-vehicle (V2V) and vehicle-to-infrastructure (V2I) communications, technologies associated with automated vehicles, and other collision avoidance technologies, including systems using cellular technology
- Integration of intelligent transportation systems with the Smart Grid and other energy distribution and charging systems
- Integrated corridor management systems
- Advanced parking reservation or variable pricing systems
- Electronic pricing, toll collection, and payment systems
- Technology that enhances high occupancy vehicle toll lanes, cordon pricing, or congestion pricing
- Integration of transportation service payment systems
- Advanced mobility access and on-demand transportation service technologies, such as dynamic ridesharing and other shared-use mobility applications and information systems to support human services for elderly and disabled individuals
- Dedicated Short-Range Communications
- Advanced transportation technologies

Expected benefits from awarded projects include:

- Reduced traffic-related fatalities and injuries
- Reduced traffic congestion and improved travel time reliability
- Reduced transportation-related emissions
- Optimized multimodal system performance
- Improved access to transportation alternatives, including for underserved populations
- Improved integration of payment systems
- Public access to real-time integrated traffic, transit, and multimodal transportation information to make informed travel decisions
- Cost savings to transportation agencies, businesses, and the traveling public
- Other benefits to transportation users and the general public

New or Existing Program

Existing program, previously known as the Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) Grant Program

Tips for Being Competitive

Projects will be evaluated on 3 project outcome criteria: 1) Economic impacts, freight movement, and job creation; 2) Climate change, resiliency, and the environment; and 3) Equity, multimodal options, and quality of life. FHWA is also particularly interested in deployment programs and projects in the following DOT Focus Areas:

- State of Good Repair
- Integration of Intelligent Transportation Systems with the Smart Grid and other energy distribution and charging systems
- Advanced public transportation systems
- Efficiency of Freight Movement
- ROUTES Initiative
- Complete Trip Program
- Data Availability

Labor Requirements Under Project Outcome Criteria #1 “Economic Impacts, Freight Movement, and Job Creation”, applications will be evaluated on how the project will contribute to outcomes, including: result in high-quality job creation by supporting good-paying jobs with a free and fair choice to join a union in project construction and in on-going operations and maintenance, and incorporate strong labor standards, such as through the use of project labor agreements, registered apprenticeship programs, and other joint labor-management training programs; result in workforce opportunities for historically underrepresented groups, such as through the use of local hire provisions or other workforce strategies targeted at or jointly developed with historically underrepresented groups, to support project development; foster economic growth and development while creating long-term high-quality jobs, while addressing acute challenges, such as energy sector job losses in energy communities.

Examples of Prior Award Recipients In FY2021, NEORide was awarded an \$1.49 million Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) grant. This funding will be utilized to develop Ohio’s NEORide public transit agency platform for the EZConnect project in Northeast Ohio. EZConnect will deploy a cloud-based real-time mobility coordination center (RMC) that builds on NEORide’s integrated mobility platform serving multiple transit agencies in Ohio. The project will enable real-time open data exchange for demand response software and enable other client management and scheduling software to share customer profile and eligibility information, trip requests and booking confirmations, provider and vehicle information, and trip performance status.

Agency Contact ATCMTD@dot.gov

Upcoming Webinars and Information Sessions

- [October 12, 2022 at 1:00 pm ET](#): “Background and Application Information for the ATTAIN Program”

Types of Partners Required Applicants are required to include a partnership plan in the technical application.

Total Allocation \$60 million

Anticipated Award Date February 2023

Links to Grant Opportunity

- [Grant Opportunity at Grants.gov](#)
- [ATTIMD Program Page](#)