



GRANT ALERT

December 4, 2023

Advanced Transportation Technology and Innovation (ATTAIN)

DEADLINE	PROGRAM NAME & LINK
<p>Friday, February 2, 2024, 11:59 p.m. EST</p> <p><i>(Applicants must complete the Grants.gov registration process before submitting the final application; the process usually takes 2-4 weeks to complete.)</i></p>	<p>Advanced Transportation Technology and Innovation (ATTAIN) Grant Program US Department of Transportation</p>
DESCRIPTION	
<p>This discretionary grant program was authorized under the Bipartisan Infrastructure Law (BIL) for the purpose of deploying, installing and operating 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.</p> <p>The ATTAIN Programs will promote the use of innovative transportation solutions. The deployments are</p> <p>What’s New this Round? Substantive changes from Fiscal Year (FY) 2022 Program:</p> <ul style="list-style-type: none"> • The NOFO is for both FY 2023 and 2024 • The Program Vision, Program Goals, and Administration’s Priorities have been revised. (Section A-4) • The table identifying which technologies, ATTAIN Program goals, the Administration’s Priorities, and DOT Focus Areas are addressed, as applicable, in the application, has been revised. (Section D) • Additional Selection Considerations have been added. (Section E) 	
ELIGIBILITY	
<p style="text-align: center;">Applicants</p> <p>Planning Grants</p> <ul style="list-style-type: none"> • State government • Local government • Transit agencies • A political subdivision of a state or local government. • Metropolitan planning organizations (MPOs) 	<p style="text-align: center;">Projects</p> <p>Applicants may use funds under this program to deploy advanced transportation technologies, including:</p> <ul style="list-style-type: none"> • Advanced traveler information systems • Advanced transportation management technologies

<ul style="list-style-type: none"> • A multijurisdictional group or consortia of research institutions or academic institutions 	<ul style="list-style-type: none"> • 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 and vehicle-to-infrastructure communications, technologies associated with autonomous vehicles, and other collision avoidance technologies, including systems using cellular technology • Integration of intelligent transportation systems with the Smart Grid and other distribution systems • Integrated corridor management systems • Electronic pricing, toll collection, and payment systems • Advanced parking reservation or variable pricing systems • Technology that enhances high occupancy vehicle toll lanes, cordon pricing, or congestion pricing • Integration of transportation service payment systems • Advanced mobility and access technologies, such as dynamic ride sharing and information systems to support human services for elderly and disabled individuals • Retrofitting dedicated short-range communications (DSRC) technology deployed as part of an existing pilot program to cellular vehicle-to-everything (C-V2X) technology • Advanced Transportation Technologies
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FUNDING

<p style="text-align: center;">General</p> <ul style="list-style-type: none"> • Up to \$120 million is available for the ATTAIN Program <ul style="list-style-type: none"> ○ \$60 million for FY 2023 ○ \$60 million for FY 2023 • No less than 5 and no more than 10 awards each fiscal year. 	<p style="text-align: center;">Cost-Sharing</p> <ul style="list-style-type: none"> • The federal share of the ATTAIN Grant may not exceed 80% of the total cost of the project. The local share of the ATTAIN Grant is no less than 20% of eligible activity costs. • RURAL SET-ASIDE: Not less than 20 percent of the amounts made available under this opportunity shall be reserved for projects serving rural areas. In
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- A single grant recipient may not receive more than \$12 million in one fiscal year.

this notice, a rural area is defined as an area with a population of less than 50,000, using 2020 Census data.

APPLICATION & SELECTION CRITERIA

Selection Criteria

The FHWA will evaluate applications based on the following criteria:

- Technical Merit
- Staffing
- Cost

Additional Selection Considerations

After completing the merit review, among projects of similar merit, FHWA may prioritize projects that address the Administration’s Priorities and DOT Focus Areas:

- Safety
- Climate change and sustainability
- Equity
- Workforce development, job quality, and wealth creation

Project Benefits

Model deployments are expected to provide benefits in the form of:

- 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; or
- other benefits to transportation users and the general public.

PROJECT TIMEFRAME

The estimated period of performance is between two and four years. For the purposes of this program, the period of performance is considered to have begun upon full execution of a cooperative agreement, and subsequent obligation of funding and/or provision of an allocation memorandum.

ADMINISTRATIVE REQUIREMENTS

Deliverables

The selected ATTAIN awardees shall provide a schedule for the project deliverables that includes, at a minimum, the following items:

- Preliminary Kick-off Meeting
- Draft Cooperative Agreement
- Full-Executed Cooperative Agreement
- Kick-off Meeting
- Quarterly Progress Reports
- Systems Engineering Documents
- Project Evaluation Plan

- Data Management Plan (DMP)
- Report to the Secretary
- Annual Budget Review and Program Plan Reporting
- Final Report

PENNDOT ROLE

PennDOT Emphasis

PennDOT continues to promote Transportation System Management & Operations (TSMO) for the safe and efficient performance of the transportation network. The Advanced Transportation Technology and Innovation grant provides PennDOT, and its partners, the opportunity to continue to address reliability, mobility and congestion by utilizing operating strategies and technology as an alternative to building additional physical capacity.

PennDOT Support

Transportation Federal Funding Opportunities Resource Account:

RA-PDTRANSFEDFUNDOPP@pa.gov.

PennDOT will consider providing support for regionally supported grant proposals as applicable. PennDOT support may include offering data and subject matter expertise as available.

The deadline for requesting PennDOT support is January 19, 2024.