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INVESTING IN AMERICA: Biden-Harris Administration Announces More than \$96 Million in Advanced Technology Grants to Improve Safety and Reduce Travel Times

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WASHINGTON – Today, the U.S. Department of Transportation’s Federal Highway Administration (FHWA) announced more than \$96.5 million in grants to 16 states for 20 projects under the Advanced Transportation Technology and Innovation (ATTAIN) program. As part of President Biden’s Investing in America agenda, the grants will fund technology-based and multimodal solutions that improve the travel experience for millions of Americans who use our highway and transit systems, including in disadvantaged communities that have lacked investment and resources.

“The Biden-Harris Administration continues to advance projects that are modernizing the transportation sector and improving access, efficiency, and safety for all travelers,” said **U.S. Transportation Secretary Pete Buttigieg**. “With this latest round of funding, we’re helping states across the country develop the innovative, multimodal solutions that will make travel on our highways and transit systems easier, safer, and more convenient.”

The program promotes advanced technologies to improve safety and reduce travel times for drivers and transit riders that can serve as national examples of innovation to improve transportation options for all communities.

“These projects are a critical opportunity to invest in our future, by leveraging technology and innovation,” noted **Acting Federal Highway Administrator Kristin White**. “These investments offer new and transformative transportation options, including communities who have lacked efficient and affordable means of transportation.”

Examples of projects selected to receive funding include the following:

- The California Department of Transportation will receive \$5.6 million for its Interoperable Vehicle-to-Everything and connected vehicle infrastructure.
- Hillsborough County in Florida will receive \$2.96 million to integrate smart traffic technology to improve safety, mobility, and connected vehicle readiness along 40-miles of arterial streets within Hillsborough County.
- The City of Cedar Park in Texas will receive \$4.42 million to address traffic congestion and enhance road user safety through the rapid deployment of advanced transportation technology – including, Vehicle-to-Everything (V2X) communication and Artificial Intelligence (AI) applications.

Overall, the 20 selected projects will help advance Intelligent Transportation Systems (ITS) technologies that improve mobility and safety. The projects include state-of-the art systems – including signal timing that works with transit and light rail, pedestrian and intersection safety, trip planning and ITS traffic management. Earlier this year the Department announced the [Saving Lives with Connectivity: A Plan to Accelerate V2X Deployment](#). This plan will guide the implementation of vehicle-to-everything technologies across the nation and support USDOT's commitment to pursue a comprehensive approach to reduce the number of roadway fatalities to zero.

The full list of ATTAIN grant selections can be found here: <https://ops.fhwa.dot.gov/bipartisan-infrastructure-law/index.htm>

State	Applicant Name	Project Description	Award Amount
Alaska	Fairbanks North Star Borough	The Fairbanks North Star Borough (FNSB) will receive funding to modernize its Metropolitan Area Commuter System's transit operations by implementing an integrated mobile technology application. This project will facilitate mobile ticketing, trip planning, visual fare validation, paratransit on-demand booking, service alerts, and on-time performance data collection.	\$717,427
California	California Department of Transportation	The California Department of Transportation will receive funding for its Interoperable V2X Deployment for User-Focused CAV Using Existing Infrastructure project to expand Connected Vehicle (CV) infrastructure that was recently deployed by Caltrans (District 12). This project will seek to enhance CV infrastructure by providing opportunities for interoperability with additional CV technologies to demonstrate the viability of providing CV applications across an open infrastructure.	\$5,600,000
California	City of Pomona	The City of Pomona will receive funding to implement advanced transportation technologies along 5.3 miles of two major corridors, aiming to create the first of fourteen "super-tech corridors." This initiative will serve as a regional hub of transportation knowledge for over 130 cities in Los Angeles and Orange County. All funding will benefit Disadvantaged Communities.	\$10,621,872
California	Sacramento County Department of Transportation	The Sacramento County Department of Transportation will receive funding to develop and deploy a Complete Pedestrian Trips mobile application to reduce mobility barriers against vulnerable populations. The App will integrate and extend two novel technology components designed to facilitate pedestrian wayfinding and safe intersection crossing.	\$1,859,680
Colorado	Colorado Department of Transportation	The Colorado Department of Transportation will receive funding to deploy a light detection and ranging and to streamline and automate CDOT's statewide data collection system.	\$1,440,000
Florida	Hillsborough County	Hillsborough County will receive funding to integrate smart traffic technology to improve safety, mobility, and connected vehicle readiness along 40-miles of arterial streets within Hillsborough County.	\$2,962,500
Florida	Pinellas County	Pinellas County will receive funding for its PASS project, which proposes to use Artificial Intelligence (AI) technology to optimize signal timing plans, improve safety through smart sensors and detection systems for predictive analytics, increase transportation reliability through transit signal priority, and enhance transportation communication through Connected Vehicle (CV) roadside units.	\$2,000,000
Hawai'i	University of Hawai'i	The University of Hawai'i and the Hawai'i Department of Transportation will receive funding to develop, deploy, and validate AI-driven CV technology-enabled adaptive Integrated Corridor Management and Control Coordination strategies for enhancing corridor-wide mobility and safety.	\$4,200,000
Louisiana	Executive Office of the State of Louisiana	The on-demand Advanced Mobility Service (AMS) project in Northeast Rural Louisiana aims to provide essential transportation for disadvantaged communities, focusing on medical needs. Leveraging advanced technologies, the project integrates shared mobility solutions, transportation carbon credits, and an equity credit engine to ensure sustainability. This innovative approach promises a self-sustaining public transportation system tailored to the unique needs of rural communities, enhancing accessibility and equity in healthcare access.	\$9,773,009

Maine	Maine Department of Transportation	The Maine Department of Transportation will receive funding for a statewide connected vehicle hazard notification project. Through the innovative use of connected vehicle technologies, Maine DOT intends to provide active, audio messaging within the transportation corridor in real-time. The project will leverage standardized C-V2X technology to send warning messages in areas with bridge height restrictions, congestion, and where hazardous weather may impact travel. This project will address challenges in safety, mobility, state of good repair, economic vitality, equity, and air quality.	\$5,200,000
Michigan	Michigan Department of Transportation	The Michigan Department of Transportation will receive funding to install thermal imaging cameras on transit vehicles to improve detection of vulnerable road users in a variety of lighting conditions and operating environments.	\$551,732
New York	New York City Department of Transportation	The New York City Department of Transportation will receive funding to implement an automated roadway inspections program that utilizes dashcam and aerial data, introducing an innovative approach to enhance efficiency, accuracy, and proactive maintenance of pavement and roadway markings.	\$4,410,560
North Carolina	North Carolina Department of Transportation	The North Carolina Department of Transportation will receive funding to improve mobility, safety, and resiliency of rural and disadvantaged communities by interconnecting approximately 1,000 isolated and closed loop system signals throughout the state, while implementing advanced transportation management technologies.	\$11,945,832
Ohio	NEORide	NEORide – a network of transit agencies – will receive funding for EZData, a vendor-agnostic Data Exchange system, which will be deployed for small-urban/rural agencies in Ohio and Indiana. This cloud-based system aims to fuse, manage, and utilize transit system data, enabling the design, delivery, and monitoring of high-quality mobility services for all travelers.	\$1,600,000
Oregon	Lane Transit District	The Lane Transit District in Oregon will receive funding for the Regional MESH which will create a first-of-its-kind regional mobility management platform integrating diverse transit services, including school transportation, into one planning platform, design and deploy on-demand transit in a low-income school district, and optimize existing fixed-route rural transit service. Data from trip queries from an associated trip planning app will inform future transit planning and performance management.	\$5,215,123
Oregon	Tri-County Metropolitan Transportation District of Oregon	The Tri-County Metropolitan Transportation District of Oregon (TriMet) will receive funding for the Cloud Connectivity for Light Rail Vehicles which addresses safety, economic vitality and air quality challenges by deploying and connecting technology on light rail vehicles to traffic signals.	\$2,360,000
Tennessee	Vanderbilt University	Vanderbilt University will receive funding to accelerate integrated multimodal mobility operations in four major cities, Knoxville, Memphis, Chattanooga, and Nashville. Forming this consortium will foster collaborative efforts in tackling multimodal transportation issues, enabling efficient data sharing, and pooling of statewide resources to develop robust models and strategies.	\$8,666,053
Texas	City of Cedar Park	The City of Cedar Park will receive funding to address increasing vehicular congestion and enhance road user safety through the rapid deployment of advanced transportation technology – including, but not limited to, Vehicle-to-Everything (V2X) communication and applications, Artificial Intelligence (AI)-based road user detection, emergency vehicle preemption, road user information systems, and automated traffic signal performance metrics (ATSPM) – at all of the City's signalized intersections. The City's focus is intersection safety and emergency response.	\$4,424,000
Vermont	State of Vermont Agency of Transportation	The Vermont Agency of Transportation (Vtrans) will implement the Vermont Intelligent Transportation Systems Initiative with the aim of optimizing the safe and efficient movement of people and goods on the state's largely rural transportation network. The initiative will leverage existing infrastructure while expanding Intelligent Transportation System deployments and enhancing management and operations integration to proactively manage traffic flow, enhance incident response, improve system performance, increase reliability, and improve safety.	\$7,979,200

Wisconsin	City of Madison	The City of Madison will receive funding for the Advancing Safety and Emergency Operations through a Regional Connected Vehicle Corridor Project. The project targets two critical safety needs and deploys next generation traffic signal preemption for emergency vehicles and red-light running collision warning systems, through 37 signalized intersections in Madison along approximately 10 miles of US 151, a critical roadway in the region.	\$5,037,606
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More information on the grants is available here: [ATTAIN grant selections](#).

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