



Biden Administration Awards \$49.2 Million for Innovative Technology Grants to Improve Mobility and Travel on America's Highway and Transit Systems

Wednesday, August 10, 2022

WASHINGTON – Today, the U.S. Department of Transportation's Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) together awarded \$49.2 million in innovative technology grants to improve mobility and multimodal connections for millions of Americans who travel on our nation's highway and transit systems. Grants can be applied to technologies ranging from systems that detect and prevent wrong-way crashes to advanced technology to improve trucking operations and terminal operator activities at a port. A full list of recipients is included below.

The FHWA awarded \$45.2 million in [Advanced Transportation and Congestion Management Technologies Deployment \(ATCMTD\)](#) grants to 10 projects using advanced intelligent transportation systems (ITS) technologies that improve mobility and safety, reduce congestion and support underserved communities.

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The FHWA's [ATCMTD program](#) funds early deployments of forward-looking technologies that can serve as national models. This year, in addition to ITS technologies to reduce congestion, the grants will fund projects supporting ports, rural transportation and ferries. ATCMTD was established under the Fixing America's Surface Transportation (FAST) Act. Now in its sixth year, the program has provided more than \$300 million to more than 55 projects.

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ATCMTD FY 2021 Project Selections

State	Recipient	Project Name	Project Amount
Alabama	Alabama Department of Transportation	Proactive Route Operations to Avert Congestion in Traffic (PROACT) Alabama with advanced technologies	\$5,000,000

State	Recipient	Project Name	Project Amount
		to improve operations on I-65.	
California	Port of Los Angeles	Port of Los Angeles Gateway – advanced technologies to improve trucking, drayage and terminal operator activities.	\$3,000,000
Illinois	City of Chicago	Chicago Centralized Transit Signal Priority Project – that prioritizes buses at traffic lights.	\$3,990,000
Kansas	Kansas Department of Transportation	Great Plains Rural Freight Technology Corridor Project advanced technologies -- to deliver traffic, weather, and other operational information to commercial trucking to optimize freight routing.	\$6,679,072
Kentucky	Kentucky Transportation Cabinet	Kentucky’s Wrong Way Driving and Integrated Safety Technology – that uses ITS to detect and deter wrong-way incidents.	\$5,147,300
New Jersey	South Jersey Transportation Authority	Smart and Connected Atlantic City Expressway deploying cellular vehicle-to-everything (C-V2X) technologies to support future connected and automated vehicles.	\$8,748,763
North Dakota	North Dakota Department of Transportation	Electric Vehicle User Range Anxiety Solution for Rural North Dakota – to provide additional EV charging stations.	\$1,449,000
Ohio	NEORide	EZConnect – An Open and Cloud-based Mobility Center Providing One-Stop Access for Travel Needs of Underserved Customers.	\$1,493,313

State	Recipient	Project Name	Project Amount
Tennessee	City of Chattanooga	An End-to-End Decision Support System for Integrated Smart Electric Grid and Transportation System Management.	\$4,577,721
Washington	Washington State Department of Transportation	Washington State Ferries Terminal Wait Times Traveler Information System.	\$5,122,345
		Total	\$45,207,514



U.S. Department of Transportation Awards \$49.6 Million in Advanced Transportation and Congestion Management Technologies Deployment Grants

Thursday, December 31, 2020

WASHINGTON – The U.S. Department of Transportation’s Federal Highway Administration (FHWA) today awarded Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) grants valued at \$49.6 million to 10 projects using advanced intelligent transportation systems (ITS) technologies that will improve mobility and safety and support vehicle connectivity.

FY 2020 ATCMTD Projects

Applicant	Project Name	Grant Award
City of Dallas	S.M. Wright Smart Corridor	\$4,000,000
Georgia Department of Transportation	Emergency Vehicle Preemption Using Connected Vehicle Technology	\$3,206,809
Maine Department of Transportation	Maine Advanced Signal Control and Connected Vehicle System for Safe, Efficient and Equitable Rural Transportation (MAST) Project	\$3,471,615
Metro Government of Nashville & Davidson County, Tennessee (Public Works Department)	Charlotte Avenue/Dr. Martin L King, Jr Blvd Transit Headways and Congestion Management	\$1,500,000
Pinellas County Department of Public Works	Pinellas Connected Community	\$4,622,880
Regional Transportation Commission of Southern Nevada (RTC)	Integrated Safety Technology Corridor	\$6,000,000
San Diego Association of Governments	Advancing Connectivity and the Economy Through Technology in the San Diego Region	\$9,298,300
University of Michigan	Smart Intersections: Paving the Way for a National CAV Deployment	\$9,950,098
Virginia Port Authority	Autonomous Truck Ready	\$2,102,500
Utah Department of Transportation	Utah Broadly Connected	\$5,450,000
	Total	\$49,602,202



U.S. Department of Transportation Awards \$43.3 Million in Advanced Transportation and Congestion Management Technologies Grants

Tuesday, June 16, 2020

FHWA10-20

June 16, 2020

Contact: Nancy Singer

Tel.: (202) 366-0660

WASHINGTON – The U.S. Department of Transportation’s Federal Highway Administration (FHWA) today awarded Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) grants valued at \$43.3 million to ten states for projects using cutting-edge technologies that will improve mobility and safety for America’s travelers.

FY 2019 ATCMTD Projects

Applicant	Project Name	Grant Award
Florida DOT	I-4 Florida’s Regional Advanced Mobility Elements (FRAME)	\$10,071,600
Hawaii DOT	Implementing Cellular V2X Technology to Improve Safety and ITS Management in Hawaii	\$6,855,000
Metropolitan Washington Council of Governments (MWCOG)	Deployment of Personalized and Dynamic Travel Demand Management Technology in the Washington, D.C.- Baltimore, MD-Richmond, VA Megaregion	\$2,970,000
Michigan DOT	Intelligent Woodward Corridor Project	\$5,500,000
Missouri DOT	I-270 Predictive Layered Operation Initiative (PLOI)	\$1,000,000
North Carolina DOT	NCDOT Multimodal Connected Vehicle Pilot	\$2,117,750
Ohio DOT/DriveOhio	I-70 Truck Automation Corridor	\$4,400,000
Tennessee DOT	Artificial Intelligence-Powered Decision Support Tools for Integrated Corridor Management	\$2,617,653
Virginia DOT	AI Meets ICM: Realizing the Next Generation of Regional Mobility	\$4,355,000

Washington DOT	Deployment of the Washington State Virtual Coordination Center (VCC) for Multimodal Integrated Corridor Management	\$3,424,361
		\$43,311,364



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News

FHWA 06-19
Monday, April 01, 2019
Contact: Nancy Singer
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U.S. Department of Transportation Awards \$53 Million in Advanced Transportation and Congestion Management Technologies Grants

WASHINGTON – The U.S. Department of Transportation's Federal Highway Administration (FHWA) today awarded Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) grants valued at \$53.2 million to 10 projects to fund advanced technologies that will improve mobility and safety for drivers and enhance the performance of the nation's highway system.

ATCMTD FY 2018 Projects

Applicant	Project Name	Grant Award
University of Alabama	Advanced Connected Transportation Infrastructure & Operations Network (ACTION)	\$8,034,003
Contra Costa Transportation Authority (CCTA)	Bay Area Mobility-On-Demand	\$8,000,000
Colorado Department of Transportation	Wolf Creek Pass Advanced Technology Deployment	\$2,366,298
Delaware Department of Transportation	Artificial Intelligence Enhanced Integrated Transportation Management System (AIITMS) Deployment Program	\$4,996,949
Georgia Department of Transportation	GDOT Connected Vehicles	\$2,500,000
Nebraska Department of Transportation	Multi-State Rural Integrated Corridor Management	\$2,755,000

Oregon Department of Transportation	Oregon Smart Mobility Network	\$12,000,000
Pennsylvania Department of Transportation	Work Zone Reservation and Traveler Information System	\$2,697,750
Texas Department of Transportation	I-10 Corridor Coalition Truck Parking Availability System (I-10 Corridor Coalition TPAS)	\$6,850,000
Utah Department of Transportation	Utah Connected	\$3,000,000
	Total	\$53,200,000



FHWA 17-17

Wednesday, October 4, 2017

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Federal Highway Administration Awards Nearly \$54 Million in Advanced Transportation and Congestion Management Technologies Grants

WASHINGTON – Federal Highway Administration (FHWA) officials today awarded Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) grants valued at \$53.6 million for 10 states to fund advanced technologies that will improve mobility and safety for drivers and enhance the performance of the nation’s highway system.

“These technologies are the future of U.S. transportation,” said Acting Federal Highway Administrator Brandye L. Hendrickson. “With innovations like these, we are giving state and local officials the tools needed to address the growing congestion problems of our nation’s highway system.”

FHWA’s ATCMTD program funds cutting-edge technologies that are ready to be deployed to enhance existing traffic capacity for commuters and businesses.

The grants will fund 10 projects that include advanced real-time traveler information for drivers, public transit riders and freight shippers, vehicle-to-infrastructure communications that will enhance safety and pave the way for autonomous vehicles, and congestion-relieving traffic management systems.

The FHWA received 68 applications from 52 states and localities requesting more than \$362 million.

Hendrickson added that the volume of applicants was an indication of interest in the program and of the increasing recognition that innovative solutions are needed to improve our highways.

ATCMTD was established under the “Fixing America's Surface Transportation” (FAST) Act. State departments of transportation, local governments, transit agencies, metropolitan planning organizations and other eligible entities were invited to apply under the program.

FY 2017 Selections			
State	Project Name	Funding	Recipient/Project Description

AZ	Loop 101 Mobility Project	\$6,000,000	Arizona DOT. The funding will be used to improve safety and existing arterial capacity in the Loop 101 corridor by deploying technology and systems to support ICM, public transportation, SMARTDriveSM and other connected traffic management and other real-time information technologies.
CA	Global Opportunities at the Port of Oakland Freight Intelligent Transportation System	\$9,720,000	Alameda County Transportation Commission. The GoPort Freight ITS project will deploy the nation's first integration of Freight Community System and advanced ITS technology that will include a new port-specific TMC, traffic sensors, advanced traveler information, traffic messaging, trucking information for mobile apps, rail grade warning and terminal queue information.
FL	Connecting the East Orlando Communities	\$11,946,279	Florida DOT. The FDOT, MetroPlan Orlando and the University of Central Florida (UCF) will utilize the grant to advance numerous ITS technologies as part of PedSafe, GreenWay, SmartCommunity and SunStore.
ID	SMART Arterial Management	\$2,250,000	Ada County Highway District. The funding will be used to replace traffic signal controllers and detection systems at 82 intersections to implement new traffic signal performance measures.
MI	Improving Safety and Connectivity in Four Detroit Neighborhoods	\$2,182,500	City of Detroit. The funds will be used to increase mobility for residents in four target neighborhoods with high-traffic corridors.
OH	Connecting Cleveland Project	\$5,850,000	Greater Cleveland Regional Transit Authority. The CCP will improve communications infrastructure, enhance rider and passenger safety and reduce rider travel time. It will also enhance the overall efficiency of the transportation system while contributing to community revitalization.

SC	Greenville Automated (A-Taxi) Shuttles	\$4,000,000	County of Greenville. The deployment of an integrated system of Automated Taxi-Shuttles (A-Taxis) on public roads will be the first in the nation—improving access to transportation for disadvantaged and mobility impaired residents.
TX	The Texas Connected Freight Corridors Project	\$6,090,221	Texas DOT. The Texas Connected Freight Corridors project will deploy connected vehicle technologies in over 1,000 trucks and agency fleet vehicles that will be able to transmit data and receive warnings from 12 CV applications.
VA	Truck Reservation System and Automated Work Flow Data Model	\$1,550,000	Virginia Port Authority. The project involves the design, implementation and deployment of a second-generation truck reservation system that builds on the successes of the Port of NY/NJ reservation system for access to container terminals.
WA	Multimodal Integrated Corridor Mobility for All	\$4,091,000	City of Seattle DOT. The MICMA project will leverage and enhance Intelligent Transportation System (ITS) and Mobility-as-a-Service (MaaS) platforms to create a multimodal operations environment that responds to all users.
TOTAL:		\$53,680,000	



**U.S. Transportation Secretary Anthony Foxx Announces
\$56.6 Million in FY 2016 Advanced Transportation Technology Grants**

The Advanced Transportation and Congestion Management Technologies Deployment Program (ATCMTD) funds cutting-edge transportation technologies that help reduce congestion and improve the safety of our transportation system.

Selected Grantees and Projects: City and County of Denver, CO	<i>Denver Smart City Program - Freight efficiency corridor with travel time reliability along arterials as a City service to freight fleet operations.</i>	\$6,000,000
Los Angeles County Metropolitan Transportation Authority, CA	<i>Freight Advanced Traveler Information System (FRATIS) - A large-scale deployment of the Freight Advanced Traveler Information System (FRATIS) Project using automated optimized dispatching and traffic signal- vehicle speed coordination to reduce truck congestion and fuel usage.</i>	\$3,000,000
City of Los Angeles, CA	<i>Los Angeles DOT Implementation of Advanced Technologies to Improve Safety and Mobility within the Promise Zone Implementation of connected vehicle technologies to allow the signal system to detect red light-violating vehicles and adjust timing, and personal wireless devices to prioritize pedestrian travel and safety at intersections.</i>	\$3,000,000
City of Marysville, OH	<i>NW 33 Smart Mobility Corridor Deployment of corridor-focused connected vehicle applications in a mixture of rural and suburban environments across multiple</i>	\$5,997,500

communities to improve access to large employment sites and economic development.

Niagara Frontier Transportation Authority, NY

A Connected Region: Moving Technological Innovations Forward in the NITTEC Region Connected vehicle applications using multiple communications technologies to alert truckers of border wait times and available parking to reduce congestion in the Buffalo-Niagara area.

\$7,813,256

City of Pittsburgh, PA

SmartPGH Deploy “Smart Spine” corridors that layer environmental, communications, energy, and transportation infrastructure technologies to improve connections between isolated neighborhoods & major centers of employment, education, and healthcare.

\$10,899,318

City and County of San Francisco, CA

San Francisco Smart City Connected dynamic tolling for the Bay Bridge combined with incentive efforts for HOV and transit use, such as dynamic carpool/rideshare pick-up curbs and connected vehicle transit priority to reduce congestion.

\$10,990,750

Texas Department of Transportation (Houston, TX)

ConnectSmart: Connecting TSMO and Active Demand Management Expands person-trip capacity by seamlessly providing a broad range of innovative mobility options to commuters leveraging technologies such as shared-use ebikes, social carpooling including ridesharing services, and unified payment across transit and other shared-use services.

\$8,939,052