Strengthening Mobility and Revolutionizing Transportation (SMART) Grants Program

Strengthening Mobility and Revolutionizing Transportation

Fiscal Year 2024 Stage 2 Implementation Grants by State

Alaska

Recipient	Project Name	Award Amount	Project Type	Project Summary
Alaska State Transportation & Public Facilities* *This project is a joint project with Caltrans	Scalable Operations and Advanced Remote Technologies (SOAR)	$12,435,301	UAS	SOAR will use advanced Uncrewed Aircraft Systems (UAS) and drone dock technologies to enhance infrastructure inspections, disaster response, modernize beyond visual line of sight (BVLOS) operations, establish data collection standards, addressing safety, resiliency, and accessibility challenges in remote and underserved communities across Alaska and California, creating a scalable and sustainable model for nationwide deployment.

California

Recipient	Project Name	Award Amount	Project Type	Project Summary
Los Angeles County Metropolitan Transportation Authority	The Show Starts Here: A Better Customer Experience Through Transit-First Integrated Ticketing	$12,120,000	Transit Innovation	LA Metro will fully implement the first US QR code digital ticketing for Los Angeles County events to create a seamless customer experience to ensure a transit-first 2028 Olympics and enhance public transit for all riders in the leadup and beyond.

Colorado

Recipient	Project Name	Award Amount	Project Type	Project Summary
City of Fort Collins	SPARC-FLEET 2030 Smart Power and Resilient Charging for Fleet Electrification and Emissions Targets	$11,700,284	Smart Grid	Through the SPARC-FLEET 2030 project, the City will significantly expand its electric vehicle (EV) charging infrastructure that will be integrated into a smart grid EV charge management solution (CMS), enabling the City to rapidly expand its fleet of EVs in alignment with its 2030 emissions reduction targets while simultaneously providing benefits to the electric grid and the entire community of Fort Collins.

Minnesota

Recipient	Project Name	Award Amount	Project Type	Project Summary
City of Minneapolis* *This project is a joint project with the City of Seattle	Smart Curbs for Better Access: A Digital, Data-Driven Approach Across Cities	$14,849,730	Curb Management	This project leverages the Open Mobility Foundation's Curb Data Specification (CDS), vehicle-to-curb (V2C) camera, sensor, and other technologies in busy mixed-use corridors to enable efficient curb access and data-driven curb management while establishing a roadmap for other cities to build digital literacy.

SMART

New York

Recipient	Project Name	Award Amount	Project Type	Project Summary
New York State Thruway Authority	Smart Data Collection: Using Automation & Data Integration to Optimize Infrastructure Inspection	$14,867,885	UAS	This project will use unmanned aerial systems (UAS) and other technological advances to improve the safety, integrity, resiliency, environmental impact, and cost of maintaining the critical infrastructure that millions of travelers rely on.

Tennessee

Recipient	Project Name	Award Amount	Project Type	Project Summary
Metropolitan Government of Nashville	Leveraging Advanced data to Deliver Multimodal Safety (LADDMS)	$10,000,000	Sensors	This project will use LiDAR technologies to address gaps in traditional safety evaluation methods through collecting and evaluating "near-miss" data on Nolensville Pike and North Nashville.

Utah

Recipient	Project Name	Award Amount	Project Type	Project Summary
Utah Department of Transportation	Enabling Trust and Deployment Through Verified Connected Intersections	$2,880,000	Connected Vehicles	This project will use testing tools on connected vehicle technologies to validate connected intersections for the use of V2I safety applications on OEM production vehicles in Utah, Georgia, Arizona, Texas, Florida, Michigan, and Ohio.

Strengthening Mobility and Revolutionizing Transportation (SMART) Grants Program

Washington

Recipient	Project Name	Award Amount	Project Type	Project Summary
Washington State Department of Transportation* *This recipient is the designee of the Stage 1 recipient, the Whatcom Council of Governments	Cascade Gateway Advanced Border Information System (ABIS) Implementation Project	$6,599,400	Sensors	The SMART Stage Two Cascade Gateway Advanced Border Information System (ABIS) Implementation Project will deploy a hybrid solution of innovative technologies to replace and improve ageing Border Wait Time (BWT) systems at the region's four US-Canada border crossings.