



## High Priority Grant Program Fiscal Year 2025 Recipients and Project Summaries

The Federal Motor Carrier Safety Administration's High Priority (HP) grant programs address the U.S. Department of Transportation priorities of safety and transformation, through its support of initiatives addressing the safe operation of commercial motor vehicles (CMVs) throughout the country's highway infrastructure and the deployment of technology to support connected transportation information systems.

Below are the recipients of the fiscal year (FY) 2025 HP-Commercial Motor Vehicle (HP-CMV) Program and FY 2025 HP- Innovative Technology Deployment (HP-ITD) Program.

### HP-CMV Program

**Total FY25 HP-CMV Award Amount: \$50,407,988**

#### Alabama – Alabama Law Enforcement Agency

**Award Amount: \$1,981,289**

**Project Description:** The proposed project aims to reduce CMV and non-CMV crashes statewide through data-driven strategies and extra-duty shifts in high-risk crash corridors. The recipient's Motor Carrier Safety Unit, along with CVE and non-CVE Highway Patrol Troopers, will conduct full and add-on enforcement shifts in high-crash areas across Alabama, focusing on both CMV and non-CMV driver behaviors such as speeding, distracted driving, and work zone violations. These efforts will be data-driven, targeting peak travel times and crash-prone corridors, with enforcement strategies adjusted quarterly based on crash analysis from the recipient's Advance system.

**National Priority(ies):** *Traffic Enforcement in high-crash areas*

#### Alabama – University of Alabama

**Award Amount: \$1,877,667**

**Project Description:** The proposed project will improve data-driven CMV safety enforcement across FMCSA's Southern Service Center (SSC) region by using the Data Analytics Safety Hub (DASH). DASH is a GPS-enabled dashboard that combines crash data, enforcement actions, and jurisdiction-specific goals to help states track performance and close gaps in existing enforcement data systems. The recipient will design, build, and launch the system, adding features based on user feedback. The project also involves tracking states' crash data and progress, as well as training at least 150 users across 11 SSC states through workshops to improve the DASH system.

**National Priority(ies):** *Technologies to Improve CMV Safety Through Enforcement*

#### Alabama – Auburn University

**Award Amount: \$1,930,755**

**Project Description:** The proposed project will conduct research to test special radio-frequency identification (RFID) tags and sensor technologies to measure tire pressure, strain, and temperature in commercial vehicle tires. The recipient will test the tags in different situations (e.g., parked, moving, and during inspections) and will share all results with FMCSA. The project results will help inform ways to improve tire monitoring systems for safety and performance.



***National Priority(ies): Tire Pressure Monitoring System***

**Connecticut – University of Connecticut**

**Award Amount: \$540,958**

**Project Description:** The proposed project aims to improve CMV crash data quality in Connecticut by adding a crash data analyst position, enhancing data collection and analysis, and supporting law enforcement with training. The recipient will also develop a tool to create monthly reports or a CMV dashboard to automatically send notifications regarding crash trends and integrate crash and inspection data to support targeted enforcement in Connecticut (i.e., notifications to Connecticut Department of Motor Vehicles' inspector and enforcement operations).

***National Priority(ies): Technologies to Improve CMV Safety Through Enforcement; State Safety Data Quality***

**District of Columbia – Commercial Vehicle Safety Alliance**

**Award Amount: \$1,083,563**

**Project #1 Description:** The proposed project will promote and expand the implementation of the Enhanced CMV Inspection program for Automated Driving Systems (ADS). This includes training and enhanced CMV inspection materials for motor carrier personnel responsible for conducting inspections on the ADS prior to dispatch. The project also includes developing a Vehicle Inspection Program Repository (VIPR) to house the inspections conducted by motor carriers and to manage credentials, roles, and data access of users.

***National Priority(ies): Public Awareness and Education; Technologies to Improve CMV Safety Through Enforcement***

**Project #2 Description:** The proposed project aims to achieve improvements in CMV safety by harnessing the potential safety and operational efficiency benefits from electronic inspections of CMVs and their drivers. The project will address issues and concerns from the enforcement community, motor carrier industry, and the public regarding electronic inspections of CMVs and drivers for North American Standard (NAS) Level 7 inspections.

The project also involves developing the next phase of NAS Level 8 inspections by coordinating with industry organizations and enforcement agencies, organizing webinars, and attending several engagements to successfully achieve implementation of NAS Level 8 inspections.

***National Priority(ies): Public Awareness and Education***

**District of Columbia – Commercial Vehicle Safety Alliance**

**Award Amount: \$1,648,278**

**Project Description:** The proposed project involves coordinating national CMV safety, education, and enforcement campaigns. Campaigns will target unsafe driving of CMVs and non-CMV, including areas within high-crash corridors, rural areas and work zones, hazardous materials, passenger carriers, inexperienced non-CMV drivers, human trafficking, deficient brakes on CMV, and other focused topics. The project will also support State Safety Data Quality (SSDQ) improvement.

***National Priority(ies): Public Awareness and Education; Human Trafficking; Technologies to Improve CMV Safety Through Enforcement; SSDQ***



## District of Columbia – Commercial Vehicle Safety Alliance

**Award Amount: \$355,274**

**Project Description:** The proposed project involves publishing multiple editions of the *Guardian* magazine (available in print or in digital media) to educate CMV safety stakeholders and promote safe practices, uniform enforcement, and compliance of the CMV industry. The *Guardian* magazine also provides an outlet for success stories and best practices. CVSA plans to target specific audiences with solicited stories, news, and information through social media, e-mail, and membership.

**National Priority(ies): Public Awareness and Education**

## District of Columbia – Commercial Vehicle Safety Alliance

**Award Amount: \$787,885**

**Project Description:** The proposed project aims to improve the consistency and quality of CMV post-crash data by standardizing inspection and reporting processes through training, education, and collaboration among enforcement officials at all levels. The project supports State Safety Data Quality (SSDQ) improvements and FMCSA's Crash Causal Factors Program by delivering targeted activities including post-crash inspection courses, awareness efforts, and the annual CMV State Crash Reconstruction Managers Meeting.

**National Priority(ies): Public Awareness and Education; SSDQ**

## District of Columbia – Commercial Vehicle Safety Alliance

**Award Amount: \$268,309**

**Project Description:** The proposed project aims to enhance data quality and consistency in CMV safety systems across jurisdictions by offering education and support. It will focus on improving data collection, analysis, and sharing among CVSA, FMCSA, and stakeholders through training and user support, in an effort to strengthen data quality and support national safety goals. CVSA, in cooperation with FMCSA, will conduct hands-on training sessions, including an event to help participants better understand and use FMCSA data systems.

**National Priority(ies): Public Awareness and Education; SSDQ**

## District of Columbia – Commercial Vehicle Safety Alliance

**Award Amount: \$1,581,014**

**Project Description:** The proposed project aims to improve CMV safety by enhancing awareness and understanding of the North American Standard Inspection Program. CVSA will provide supplemental education and outreach to the enforcement, industry and other stakeholders to support more effective audits, investigations, and regulatory compliance.

**National Priority(ies): Public Awareness and Education**

## Indiana – Indiana State Police

**Award Amount: \$2,000,000**

**Project Description:** The proposed project involves conducting traffic enforcement activities with the goal of reducing the total number of CMV-related injury and fatal crashes by 2 percent. The recipient will focus on high crash corridors and work zones, and it will take appropriate enforcement action with a North American Standard Level 3 inspection, at least. Furthermore, the recipient will also conduct non-CMV enforcement of drivers that are in close proximity to a CMV.



***National Priority(ies): Traffic Enforcement in high-crash areas; CMV Safety on Rural Roads; CMV Safety in Work Zones; Human Trafficking; DACH violations***

### **Iowa – Iowa Department of Public Safety**

**Award Amount: \$1,999,856**

**Project Description:** The proposed project will prioritize work zones for enforcement of CMVs and non-CMV in the vicinity of CMVs, in an effort to help change driver behavior and reduce crashes by 17 percent. The recipient will use patrols to conduct stationary enforcement, circulating patrols in a random pattern through the work zone and the approach to the work zone, as well as Iowa State Patrol aircraft observing traffic violations from the air.

***National Priority(ies): CMV Safety in Work Zones***

### **Iowa – Iowa Department of Public Safety**

**Award Amount: \$1,999,685**

**Project Description:** The proposed project will continue the recipient's Multi-Agency Strike Force Operation (MASFO), in partnership with local law enforcement agencies across Iowa, to increase roadside CMV driver and vehicle inspections, as well as related non-inspection traffic enforcement, in high traffic and rural areas. The project will help with state's commitment to reduce the number of traffic crashes resulting in fatalities by 17 percent. The recipient will incorporate improvements learned through the implementation of its FY23 HP-CMV MASFO grant by conducting focused multi-agency enforcement events, broad spectrum CMV enforcement activities across the state, and education of local law enforcement.

***National Priority(ies): Traffic Enforcement in high-crash areas; CMV Safety on Rural Roads***

### **Iowa – Iowa Department of Public Safety**

**Award Amount: \$411,150**

**Project Description:** The proposed project involves efforts to prevent human trafficking from occurring in Iowa by identifying trafficking victims, providing resources to at least three potential victims per operation (not including "John" stings), and dismantling human trafficking organizations. The recipient will target covert operations targeted to CMVs, conduct industry human trafficking training, and conduct marketing and outreach.

***National Priority(ies): Human Trafficking***

### **Kansas – Kansas Highway Patrol**

**Award Amount: \$1,722,795**

**Project Description:** The proposed project will continue the recipient's Troopers on Patrol for Safety program with a focus on traffic enforcement in high crash areas, emphasizing excessive speed and CMV safety in work zone. The recipient will have additional high-visibility enforcement patrols focused on moving violations such as speeding, following too closely, improper lane changes, and distracted driving, among other behaviors. These targeted enforcement efforts will take place in high-risk areas, including Kansas' high crash metro areas, rural roads, and work zones. The recipient's goals are: 1) reduce fatal crashes involving CMVs on U.S. and state highways by 2 percent; 2) reduce injury crashes involving CMVs on U.S. and state highways by 2 percent; and, 3) achieve a 5 percent reduction in violations related to speed, dangerous driving behaviors, and occupant protection.

***National Priority(ies): Traffic Enforcement in high-crash areas; CMV Safety on Rural Roads; CMV Safety in Work Zones***



## **Kansas – Kansas State University**

**Award Amount: \$897,425**

**Project Description:** The proposed project involves planning and hosting the Fourth Midwest Commercial Vehicle Safety Summit in 2027. The Summit's topics will be related to FMCSA priorities, research, and policies (e.g., effective enforcement programs, technology evaluation, university research, etc.).

**National Priority(ies): *Public Awareness and Education***

## **Kansas – Kansas State University**

**Award Amount: \$1,410,700**

**Project Description:** This proposed project aims to enhance FMCSA's mission to reduce crashes, injuries, and fatalities involving large trucks and buses in both Kansas and Iowa through the fusion, analyses, and reporting of crash and inspection data, along with any other useful data that may or may not be reported to the Kansas DOT and Iowa DOT. The results will help law enforcement agencies and FMCSA field offices in Kansas and Iowa improve the state's performance in SSDQ results by finding potential procedures to help improve efficiency and reporting timeliness.

**National Priority(ies): *SSDQ***

## **Kentucky – International Registration Plan, Inc.**

**Award Amount: \$1,911,045**

**Project Description:** This proposed project will improve CMV safety by enhancing the IRP Data Repository (IDR) and supporting real-time electronic inspections through a new Level 8 system. It will help share accurate, secure registration data with FMCSA and law enforcement to support safer and more efficient roadside enforcement. The Kentucky Transportation Center will help manage the project and support improvements to the IDR system, while Seikosoft will handle hosting, maintenance, and technical support. A new Level 8 repository will be created to enable real-time CMV inspections and improve safety data sharing.

**National Priority(ies): *Technologies to Improve CMV Safety Through Enforcement; SSDQ***

## **Kentucky – Executive Office of the Commonwealth of Kentucky**

**Award Amount: \$146,487**

**Project Description:** The proposed project aims to identify, test, and evaluate alternative methods for screening trucks with multiple radio-frequency identification (RFID) tags and assessing alternative approaches for conducting real-time lookups (based on RFID data).

The project also involves assessing the cost and performance of various roadside equipment configurations and updating the Unique Electronic Identifier Implementation Roadmap based on the findings to guide future nationwide deployment. These activities will help inform advantages and disadvantages for nationwide deployment.

**National Priority(ies): *Technologies to Improve CMV Safety Through Enforcement***

## **Maryland – University of Maryland, College Park**

**Award Amount: \$1,265,592**

**Project Description:** The proposed project involves building and demonstrating a new platform named National Comprehensive Performance Analytics Safety Suite (COMPASS), with the goal of deploying a system



that enables law enforcement and transportation agencies to identify high-risk locations before crashes occur, enabling targeted safety improvements such as better signage, adjusted lane configurations, or increased enforcement. This platform will ingest monthly truck telematics data feeds at the national level from multiple leading freight-telematics providers. The core capabilities of the platform will include the following: near-miss identification; showing events in context; weather impact analysis; parking-safety mapping; and, distracted driving. The project can help improve CMV safety in rural and work zone environments as well as safeguard freight mobility, maintain infrastructure integrity, and protect road workers and other vulnerable users.

**National Priority(ies): Public Awareness and Education; Technologies to Improve CMV Safety Through Enforcement**

## Massachusetts – University of Massachusetts, Amherst

**Award Amount: \$1,904,096**

**Project #1 Description:** The proposed project aims to improve regulatory clarity, foster interagency alignment, and reduce CMV involved injury crashes by convening key regional stakeholders, disseminating effective practices, and delivering ongoing technical support. These objectives will be achieved through three core activities: (1) establishment of the Eastern Service Center (ESC) CMV Safety Collective, (2) execution of the fifth ESC CMV Safety Summit, and (3) expansion of the Commercial Vehicle Safety Technical Assistance Center (CV-STAC) as a regional clearinghouse for tools, resources, and collaboration.

**National Priority(ies): Public Awareness and Education; Technologies to Improve CMV Safety Through Enforcement**

**Project #2 Description:** The proposed project will strengthen regional coordination, expand the use of data-informed safety strategies, and support the consistent application of effective enforcement and behavioral countermeasures. The recipient aims to help participating agencies apply consistent data-driven methods for identifying high-risk locations, selecting inspection focus areas, and evaluating outcomes. Some performance objectives include: 1) Demonstrate quarterly active use of the T-Force Analytics dashboard (defined as logins or data requests) by at least 12 of the 16 states/territories within the FMCSA Eastern Service Center's region; and 2) Deploy a predictive-risk explorer feature or comparable mapping functionality with at least 50 active users across 10 or more ESC states/territories.

**National Priority(ies): Public Awareness and Education; Technologies to Improve CMV Safety Through Enforcement**

**Project #3 Description:** The proposed project involves implementing the Safe Roads Challenge™ (a mobile and web-based behavioral program designed to reduce collision risk through real-time feedback, gamified engagement, and incentive-based participation) with a focus on the I-95 corridor within the FMCSA Eastern Service Center's region. By analyzing app-generated driving data, the project will evaluate how different types of messaging and incentive structures influence risky behaviors such as speeding, harsh braking, sharp cornering, and mobile phone use. The recipient plans to use these insights to identify which approaches are most effective at reducing unsafe behaviors across diverse driver cohorts. These results will inform future data-driven safety planning and engagement strategies.

**National Priority(ies): Public Awareness and Education; Technologies to Improve CMV Safety Through Enforcement**

## Mississippi – Mississippi Department of Public Safety

**Award Amount: \$1,925,453**



**Project #1 Description:** The proposed project involves conducting at least 100 high-visibility traffic enforcement details in CMV high-crash corridors in certain counties, including one bus detail per region and targeted enforcement in work zones. The recipient will also implement high-visibility daytime and nighttime traffic enforcement in Mississippi's high-crash corridors to reduce CMV-related crashes and criminal activity, focusing on unsafe driving behaviors such as speeding, distracted driving, and driver fatigue. Efforts will be supported by using mobile Acusensus artificial intelligence camera trailer systems, enabling real-time monitoring and enforcement in high-risk areas and work zones, while public education and ongoing data analysis will guide adjustments and outreach. The recipient's goal is to reduce overall CMV crashes by 5 percent per year and reduce CMV crashes by 5 percent per year on high crash corridors in certain counties.

**National Priority(ies):** *Traffic Enforcement in high-crash areas*

**Project #2 Description:** The proposed project involves conducting high-visibility traffic enforcement in high-crash corridor work zones, including eight rural road enforcement details. The initiative will utilize Acusensus Mobile Mounted Camera Trailer Systems and require officers to make a minimum of six CMV contacts per shift to reduce crashes in rural areas. The recipient will also conduct high-visibility traffic enforcement details on rural roads within high-crash corridor counties, targeting unsafe driving behaviors such as speeding, distracted driving, and violations related to fatigue, seat belts, and out of service orders. Through this project, the recipient aims to reduce CMV crashes by 5 percent per year.

**National Priority(ies):** *Traffic Enforcement in high-crash areas*

**Project #3 Description:** The proposed project involves a public education campaign to promote "Safe Zone" CMV awareness and educate the motoring public and CMV drivers on human trafficking detection and prevention. Additional objectives include quarterly trucking industry safety meetings, at least one "Troopers and Truckers Working Together to Save Lives" event, and integration of anti-human trafficking messaging in partnership with the MS Department of Public Safety Bureau of Investigation.

**National Priority(ies):** *Public Awareness and Education; Human Trafficking*

## **Nevada – City of Reno Police Department**

**Award Amount: \$387,135**

**Project Description:** The proposed project involves improving CMV safety through CMV checkpoints and enforcement operations designed to discourage aggressive driving in and around CMVs, in an effort to reduce CMV crashes by 2 percent. The recipient plans to conduct 100 commercial vehicle checkpoint operations and 14 aggressive driving operations, as well as support the recipient's capacity to conduct CMV inspections through training.

**National Priority(ies):** *Traffic Enforcement in high-crash areas*

## **New York - Old Westbury Police Department**

**Award Amount: \$511,465**

**Project Description:** The project proposes to decrease accidents by 10 percent by conducting traffic enforcement in high-crash areas. The recipient proposes to conduct 450 inspections while placing 200 CMVs out of service and issuing 1600 citations. The project also involves utilizing the state's crash reporting system to identify locations and times of crashes and to conduct focused operations targeting CMVs.

**National Priority(ies):** *Traffic Enforcement in high-crash areas*

## **New York – County of Suffolk**



**Award Amount: \$1,688,461**

**Project #1 Description:** The proposed project involves using NYS Department of Motor Vehicles Crash Location and Engineering Analysis and Reporting (CLEAR) and the recipient's research and development statistics to identify clusters of high-crash areas and conduct enforcement activities in those locations, as well as in certain work zones with high crash trends. The recipient will conduct several details, targeting CMV and non-CMV vehicles operating in an unsafe manner in high crash corridor and work zones. The recipient aims to reduce crashes involving CMV and non-CMVs along select high-crash corridors by 2 percent.

**National Priority(ies):** *Traffic Enforcement in high-crash areas*

**Project #2 Description:** The proposed project involves conducting an aggressive CMV and passenger-carrying CMV inspection campaign. The recipient plans to conduct at least Level 3 North American Standard (NAS) inspections on regular CMVs and at least a Level 2 NAS inspection on passenger carrying CMVs. The recipient aims to reduce overall CMV crashes by at least 2 percent and reduce overall passenger-carrying vehicle crashes by 2 percent.

**National Priority(ies):** *Traffic Enforcement in high-crash areas; Passenger Safety Initiatives*

**Project #3 Description:** The proposed project includes training personnel in recognizing, preventing, and reporting human trafficking. This aims to reduce the amount of human trafficking in the county by 5 percent. The recipient plans to complete several outreach details in areas where human trafficking is prevalent.

**National Priority(ies):** *Public Awareness and Education; Human Trafficking*

### **New York – Suffolk County Sheriff's Office**

**Award Amount: \$365,521**

**Project Description:** The proposed project involves the recipient's Commercial Vehicle Enforcement Unit conducting enforcement activities (e.g., roadside and random truck inspections) in areas designated as high-crash corridors. The project also involves increasing Drug and Alcohol Clearinghouse (DACH) enforcement and assist various agencies with recognizing, preventing, and deterring human trafficking when possible. The recipient's goals are: 1) maintain a greater than 30 percent out of service rate; and, 2) reduce the number of crashes by 10 percent annually from the identified high-crash corridors on the east end of Suffolk County.

**National Priority(ies):** *Traffic Enforcement in high-crash areas; Public Awareness and Education; Human Trafficking; DACH violations*

### **North Carolina – North Carolina State Highway Patrol**

**Award Amount: \$997,920**

**Project Description:** The proposed project aims to carry out Operation Safe D.R.I.V.E. (Distracted, Reckless, Impaired, High Visibility, Enforcement) with the primary goal of reducing crashes by 10 percent and zero fatalities. The receipt plans to coordinate with partner states to conduct traffic enforcement on commercial and private motor vehicles in high-crash corridors on interstates in North Carolina. The project also involves activities to help end human trafficking through education opportunities with CMV drivers and industry partners.

**National Priority(ies):** *Traffic Enforcement in high-crash areas; Human Trafficking*

### **North Carolina – North Carolina State Highway Patrol**

**Award Amount: \$1,970,232**



**Project Description:** The proposed project, also known as Special Overtime Acusensus Project (S.O.A.P.), involves reducing CMV-related crashes on North Carolina interstates by 20 percent and eliminating related fatalities through sustained, high-visibility traffic enforcement. Using the Acusensus system, the project targets distracted driving and seat belt violations during peak crash hours on high-crash days (Tuesday–Thursday). The project also involves activities to help end human trafficking through education opportunities with CMV drivers and industry partners.

**National Priority(ies):** *Traffic Enforcement in high-crash areas; Human Trafficking*

### North Carolina – North Carolina State Highway Patrol

**Award Amount:** \$962,280

**Project Description:** The proposed project, also known as Together Reducing Accidents Fatalities Fatigue Interstate Corridors (T.R.A.F.F.I.C.), aims to reduce CMV crashes by 20 percent and eliminate fatalities through targeted, high-visibility enforcement along high-crash corridors and work zones on interstates in North Carolina. The project also involves activities to help end human trafficking through education opportunities with CMV drivers and industry partners.

**National Priority(ies):** *Traffic Enforcement in high-crash areas; Human Trafficking*

### North Carolina – North Carolina State University

**Award Amount:** \$843,619

**Project Description:** The proposed project will evaluate North Carolina’s Together Reducing Accidents Fatalities Fatigue Interstate Corridors (T.R.A.F.F.I.C.) program’s impact on CMV crashes, speeds, and weight violations to inform similar enforcement efforts, in partnership with the North Carolina State Highway Patrol. The project will evaluate the effectiveness of high-visibility CMV enforcement program through various activities, including but not limited to retrospective and prospective data analyses. The findings will guide enforcement strategies and inform future multi-state efforts to improve CMV safety.

**National Priority(ies):** *Technologies to Improve CMV Safety Through Enforcement*

### North Carolina – North Carolina Agricultural and Technical State University

**Award Amount:** \$1,022,614

**Project Description:** The proposed project aims to improve CMV safety by conducting research to help reduce tire-related violations through the use of a real-time artificial intelligence-based tire monitoring system. The goal is to enable proactive interventions by continuously tire monitoring before a failure occurs through automatic alerts to drivers.

The recipient aims to reduce CMV tire-related out-of-service violations by at least 15 percent along high-incident freight corridor in South Carolina. The project will support future commercialization, fleet integration, and regulatory alignment.

**National Priority(ies):** *Tire Pressure Monitoring System*

### North Dakota – North Dakota Highway Patrol

**Award Amount:** \$198,817

**Project Description:** The proposed project aims to decrease crashes and fatalities involving CMVs by 15 percent and increase out-of-service vehicle catch rates by 20 percent, by implementing a second performance-based brake tester (PBBT) in the recipient’s inspection program (roadside and fixed sites). The PBBT will help



identify CMVs with poor or failing brake systems statewide and, in turn, help remove unsafe CMVs from the roadways.

***National Priority(ies): Traffic Enforcement in high-crash areas***

### **North Dakota – North Dakota State University**

**Award Amount: \$689,661**

**Project Description:** The proposed project involves improving CMV safety through sharing research and best practices related to projects that have shown success in reducing CMV involved crashes. The recipient plans to execute the project via three strategies: 1) contact each state law enforcement and driver licensing agency throughout FMCSA's Western Service Center (WSC) region to determine if there are new or updated partnerships with a university (or universities) on one or more projects to improve commercial vehicle safety in particular related to projects that have shown success in reducing CMV involved crashes; 2) organize and conduct a CMV Safety Summit with various stakeholders from the WSC region; and, 3) provide resources (e.g., webinars) through the Commercial Vehicle Safety Center at the recipient's Upper Great Plains Transportation Institute as a point of contact for universities, law enforcement, and driver licensing agencies seeking assistance to establish partnerships to improve CMV safety.

***National Priority(ies): Public Awareness and Education***

### **North Dakota – North Dakota State University**

**Award Amount: \$1,249,653**

**Project Description:** The proposed project involves conducting research and testing autonomous vehicles in winter conditions, focusing on two-lane rural highways in North Dakota. The project will focus on challenges associated with operating and maintaining autonomous trucks in extreme weather conditions, the effects of extreme cold on sensors and autonomous driving systems, implications of extreme winter conditions for safety inspections, and operational conditions for autonomous trucks in relation to operational design elements. Some of the activities include 1) analysis of large trucks crashes in North Dakota, 2) developing recommendations for inspection and maintenance requirements, 3) developing an operational safety plan, in coordination with the North Dakota Highway Patrol, that could be used for future interactions with commercial autonomous trucking companies or operators, and 4) engagement activities (e.g., autonomous trucking policy maker summit and an autonomous trucking conference) to improve community education in North Dakota and the region.

***National Priority(ies): Technologies to Improve CMV Safety Through Enforcement; CMV Safety on Rural Roads; Public Awareness and Education***

### **Oregon – Oregon State University**

**Award Amount: \$350,000**

**Project Description:** The proposed project aims to help reduce CMV speeding and speeding-related severe crashes on high-crash corridors in Oregon, in coordination with the Oregon State Police. The recipient plans to collect and analyze CMV speed data before and after high-visibility enforcement activities. It will deem those activities successful if they produce 5 percent improvement in CMV speed limit compliance. The project will help provide evidence for the efficacy of certain enforcement practices, to support the continued use of enforcement personnel in a certain manner.

***National Priority(ies): Technologies to Improve CMV Safety Through Enforcement***

### **Puerto Rico – Puerto Rico Police Bureau**



**Award Amount: \$809,898**

**Project Description:** The proposed project involves deploying selective patrols and educational and enforcement mobilizations along certain highways and roadways, in an effort to reduce CMV-related traffic violations by at least 1 percent. The recipient will target high-risk behaviors such as, distraction, speeding, and impaired driving.

**National Priority(ies):** *Technologies to Improve CMV Safety Through Enforcement*

**Puerto Rico – Transport and Other Public Services Bureau**

**Award Amount: \$471,814**

**Project Description:** The proposed project aims to reduce unsafe CMV driving behaviors—such as distracted driving, speeding, tailgating, and seat belt violations—by 1 percent (in each category) from FY 2024 levels. To achieve this, numerous inspectors will conduct roadside inspections and traffic enforcement across Puerto Rico, focusing on high-risk crash corridors and hazardous materials transport corridors outside of the recipient’s Motor Carrier Safety and Hazardous Materials Program’s regular operating hours.

**National Priority(ies):** *Traffic Enforcement in high-crash areas*

**Tennessee – The University of Memphis**

**Award Amount: \$1,232,003**

**Project Description:** The proposed project involves research activities to test the viability of various RAIN EPC GEN2 radio frequency identification (RFID) passive pressure sensing tag solutions. In addition to other activities, the project involves testing the sensors in the lab, on equipment, and on real trucks to see if the technology could help drivers, inspectors, and fleet managers monitor tires and improve safety. At the conclusion of the project, the recipient will document its suggestions to FMCSA on what would be required, from a commercialization perspective, to see a sensor-enabled EPCGEN2 RFID tire pressure monitoring system implemented.

**National Priority(ies):** *Tire Pressure Monitoring System*

**Tennessee – The University of Memphis**

**Award Amount: \$2,000,000**

**Project Description:** The proposed project aims to improve CMV safety, enhance driver compliance and optimize enforcement resource allocation in high-risk work zones across Tennessee. To help bridge gaps in existing, traditional CMV enforcement strategies that do not address real-time violations and speed compliance, among other challenges, the project involves: (1) Deploying artificial intelligence (AI)-based real-time enforcement monitoring (e.g., connected vehicle alerts, predictive analytics for high-risk zones); (2) Implementing Automated Speed Enforcement and geofencing technologies for sustained CMV compliance; (3) Introducing CMV specific policies for lane compliance, weigh-in-motion enforcement, and real-time speed monitoring; (4) Enhancing coordination between law enforcement and transportation agencies to improve enforcement strategies; and, (5) Developing national policy recommendations to standardize AI-driven work zone enforcement technologies across multiple states. The recipient will coordinate with the Tennessee DOT and Tennessee Highway Safety Office.

**National Priority(ies):** *Technologies to Improve CMV Safety Through Enforcement*

**Tennessee – University of Tennessee**

**Award Amount: \$599,961**



**Project Description:** The proposed project aims to reduce CMV-related crashes on Tennessee's high-risk corridors by 10 percent, through the development and deployment of a predictive crash modeling dashboard tool, as well as support targeted enforcement planning efforts. The project involves deploying a web-based decision-support dashboard to the Tennessee Highway Patrol and partnering agencies, facilitating targeted enforcement interventions on identified corridors, and delivering several driver education events for teens and novice drivers, among other activities.

**National Priority(ies):** *Public Awareness and Education; Technologies to Improve CMV Safety Through Enforcement*

## Texas – Grand Prairie Police Department

**Award Amount:** \$635,256

**Project #1 Description:** The proposed project will perform high visibility traffic enforcement to reduce CMV-related collisions by educating drivers of both CMV and non-CMV vehicles on how to share the road safely. The project aims drive down the spike in work-zone related crashes in an effort to achieve an overall goal of a 5 percent reduction in CMV and non-CMV related collisions. The project also includes a driving while impaired/drug recognition expert enforcement component in high visibility details.

**National Priority(ies):** *Traffic Enforcement in high-crash areas*

**Project #2 Description:** The proposed project involves conducting North American Standard Levels 1, 2 and 3 inspections to increase the number of CMV driver inspections to aid in identifying drivers who are prohibited in the Drug and Alcohol Clearinghouse from driving. The project involves conducting high visibility operations on the interstates and highways and their respective service roads utilizing marked patrol units, focusing on all types of large truck transport vehicles, particularly in areas of congestion and within work zones. In addition, the project will focus on seat belt enforcement by both CMV and non-CMV drivers, as well as CMV safety due to excessive speed, impaired driving, distracted driving, and driver fatigue.

**National Priority(ies):** *Traffic Enforcement in high-crash areas*

**Project #3 Description:** The proposed project involves public awareness and education activities to be more active in communicating with the trucking industry, drivers and public on the safety hazards surrounding CMV and non-CMV vehicles. With new technological advances, the recipient plans to communicate with the public and the trucking industry via local news networks and social media. Officers will partner with Texas Department of Public Safety, Texas DOT, Commercial Vehicle Safety Alliance, and FMCSA to ensure they are involved in safety campaigns, such as Operation Safe Driver Week, Brake Safety Check/Operation Brake Check, and International Road Check.

**National Priority(ies):** *Public Awareness and Education*

## Texas – Texas A&M Transportation Institute

**Award Amount:** \$687,159

**Project Description:** The proposed project will develop and deploy a data-driven, multi-layered enforcement support system, by producing predictive, segment-level crash risk maps. The system will leverage emerging telematics data and predictive modeling to proactively identify high-risk road segments and optimal enforcement time windows across highways in Texas, which would be a strategic shift from a reactive enforcement approach that is based on crash history.

**National Priority(ies):** *Technologies to Improve CMV Safety Through Enforcement*



## Texas – City of Austin

**Award Amount: \$1,273,842**

**Project #1 Description:** The proposed project involves implementing a highly visible traffic enforcement and CMV safety inspection program with the city's five major corridors, to reduce the number of CMV-related accidents and fatalities. The recipient plans to conduct North American Standard (NAS) Levels 1, 2, and 3, and 5 inspections, and hazmat inspections to remove unsafe CMVs from the highways. Also, the recipient plans to conduct passenger carrier operations in coordination with the FMCSA Texas Division and Texas Department of Public Safety. The recipient has many target goals including, but not limited to, decreasing domestic and foreign carrier inspection violations (NAS Levels 1 and 2) by 25 percent and decreasing collisions involving domestic and foreign CMVs by 10 percent.

**National Priority(ies): Public Awareness and Education; Traffic Enforcement in high-crash areas; Passenger Safety Initiatives**

**Project #2 Description:** The proposed project involves education and outreach sessions to increase knowledge and awareness of CMV safety. Patrol officers and new cadets will complete training sessions on commercial vehicle enforcement safety and enforcement issues. Also, the recipient plans to conduct outreach sessions for an estimated 1,200 CMV drivers -- topics to include human trafficking prevention, hazardous materials safety, passenger transportation safety, among other related topics. The project also involves coordinating with the University of Texas, Austin to complete a workshop, focused on advancing traffic law enforcement and CMV safety. The recipient has many target goals including, but not limited to, decreasing collisions within construction zones by 20 percent and decreasing collisions involving domestic and foreign CMVs by 10 percent.

**National Priority(ies): Public Awareness and Education; Human Trafficking; Passenger Safety Initiatives**

**Project #3 Description:** The proposed project involves conducting enforcement of traffic violations in high accident corridors/highways, with a focus on hazardous and aggressive driving. Officers will target CMV drivers without seatbelts as well those who appear to be distracted using an electronic device while driving. Also, officers will educate CMV drivers on maintaining proper distance and focusing on the road without distractions. The recipient has many target goals including, but not limited to, decreasing collisions within construction zones by 20 percent and decreasing all fatal collisions by 20 percent.

**National Priority(ies): Traffic Enforcement in high-crash areas**

## Virginia – County of Chesterfield

**Award Amount: \$65,795**

**Project Description:** The proposed project involves conducting enforcement activities related to traffic offenses of CMVs and non-CMV in high-crash corridors and work zones, to reduce crashes, injuries and fatalities involving CMVs.

The recipient's goals are to: 1) Reduce the number of overall CMV-related crashes by an additional 5 percent; 2) Reduce the number of CMV-related injuries by an additional 5 percent; 3) Reduce the number of CMV related fatalities to zero.

**National Priority(ies): CMV Safety in Work Zones; Traffic Enforcement in high-crash areas**

## Virginia – Virginia Polytechnic Institute and State University



**Award Amount: \$999,873**

**Project Description:** The proposed project involves implementing the Virginia Tech Transportation Institute's *Sharing the Road with Trucks* driver education outreach program in various states / territories across the entire United States, targeting teenagers and high schools. The project will focus on instructing teen and adult drivers on the key strategies and the importance of safely sharing the road with trucks. The recipient plans to perform an estimated 220 in-class high school demonstrations with soon-to-be teen drivers and 12 educational events at conferences or community events to disseminate facts and strategies related to sharing the road with trucks.

**National Priority(ies): Public Awareness and Education**

**Virginia – Virginia Polytechnic Institute and State University**

**Award Amount: \$597,366**

**Project Description:** The proposed project involves deploying artificial intelligence (AI)-powered roadside monitoring systems and behavior-triggered portable traffic message boards at certain crash-prone corridors across, including work zones and rural two-lane roads, in Virginia and South Carolina. The project consists of three modules that focus on activities including, but are not limited to, 1) designing and deploying a modular, AI-powered mobile roadside monitoring system at 11 locations, 2) surveying at least 300 CMV drivers to understand risky behaviors, and 3) delivering several full-day training workshops to provide risk-reduction strategies in an interactive environment, among other elements. The project aims to reduce the frequency of CMV driver distraction and fatigue-related behaviors by 30 percent.

**National Priority(ies): Public Awareness and Education; Technologies to Improve CMV Safety Through Enforcement; CMV Safety in Work Zones; CMV Safety on Rural Roads**

**West Virginia – Public Service Commission of West Virginia**

**Award Amount: \$148,367**

**Project Description:** The proposed project involves the development and deployment of an Intrastate Investigation (Compliance Review) and Intrastate Safety Audit program in West Virginia.

The project will provide an in-depth review of motor carriers and commercial drivers' compliance with the Federal Motor Carrier Safety Regulations and Hazardous Material Regulations, which will help enhance the recipient's enforcement program. The recipient aims to reduce crashes involving Domiciled Carriers/Intrastate carriers by approximately 8 percent.

**National Priority(ies): Increased State Investigations.**

**HP-ITD Program**

**Total FY25 HP-ITD Award Amount: \$21,236,032**

**Alaska - State of Alaska, Department of Transportation and Public Facilities, Division of Measurement Standards and Commercial Vehicle Compliance**

**Award Amount: \$172,835**

**Project Description:** The proposed project is focused on data exchange modernization. It will benefit the motor carrier industry by maintaining Alaska's current Core Compliance due to FMCSA's modernization efforts. In addition, the motor carriers will be able to continue utilizing transponders for weigh station bypass, ensuring seamless continuity of operations.



***National Priority(ies): FMCSA IT Modernization***

**District of Columbia - District Department of Transportation**

**Award Amount: \$396,320**

**Project Description:** The proposed project is focused on ITD project management and administration activities, which will benefit the motor carrier industry by helping the recipient as it works toward becoming ITD core compliant.

***National Priority(ies): Other ITD Projects***

**Georgia – Georgia Department of Public Safety**

**Award Amount: \$900,000**

**Project Description:** The proposed Enhanced Mobile Electronic Screening Technology project will benefit the motor carrier industry by increasing the identification and enforcement of high-risk CMV carriers under Federal out of service orders, with a goal of conducting at least 2,500 inspections triggered by mobile screening. This project will also enhance the detection of unsafe driving behaviors.

***National Priority(ies): Vehicle Out of Service Detection***

**Iowa – Iowa Department of Transportation**

**Award Amount: \$570,000**

**Project #1 Description:** The proposed project will help ensure continuous operation and functionality of Commercial Vehicle Information Exchange Window (CVIEW) for Iowa DOT to comply with all information change requirements with the Safety and Fitness Electronic Records (SAFER) system. Iowa DOT uses CVIEW to exchange interstate information with SAFER. The system ensures that law enforcement in Iowa and other states have the most current information on motor carrier operating authority, fleet details, and other information.

***National Priority(ies): Other ITD Projects***

**Project #2 Description:** The proposed project involves operations and maintenance support to provide for the continued ability to maintain, monitor, and improve ITD, Performance and Registration Information Systems Management (PRISM), International Fuel Tax Administration and International Registration Plan associated compliance requirements. These systems have direct connections to roadside enforcement, TraCS application (state inspection software), and National Law Enforcement Telecommunications System via web services. It will ensure compliance and data integrity.

***National Priority(ies): Other ITD Projects***

**Indiana - Indiana State Police**

**Award Amount: \$2,000,000**

**Project Description:** The proposed project will improve existing weigh stations, in an effort to advance the technological capability at Indiana weigh stations. The recipient aims to completely outfit two weigh stations with various technologies (e.g., license plate readers, USDOT readers, driver monitoring cameras) and enhance the remaining six weigh stations, if leftover funding is available. Project benefits also include bypass time savings for CMVs that do not have to wait in long lines at weigh stations and increased driver safety.

***National Priority(ies): Vehicle Out of Service Detection***



## Kansas – Kansas Highway Patrol

**Award Amount: \$150,000**

**Project Description:** The proposed project involves a comprehensive rewrite of the state's ITD Program Plan and Top-Level Design (PP/TLD), as the current version is outdated. The project will help the State of Kansas maintain compliance with FMCSA requirements and ensure alignment with national priorities for CMV safety, operational efficiency, and technology integration.

**National Priority(ies):** *Other ITD Projects*

## Kentucky – Executive Office of the Commonwealth of Kentucky

**Award Amount: \$530,000**

**Project #2 Description:** The proposed project will facilitate the replacement of roadside screening equipment on an as-needed basis to ensure the screening systems have uninterrupted operations. The recipient will monitor roadside screening systems through analysis of data and using feedback from the Kentucky State Police.

**National Priority(ies):** *Vehicle Out of Service Detection*

**Project #3 Description:** The proposed project involves the planning and research (phase one) of an automated motor carrier notification system to deliver information on detected non-compliance to motor carriers with instruction on steps to return to compliance, as a way to improve CMV safety through innovative automated enforcement technology. Project activities include documenting international and domestic usage of automated enforcement related to CMVs, reviewing the standard system structure of selected states with automated notification systems generating courtesy notices, and other elements.

**National Priority(ies):** *Other ITD Projects*

**Project #4 Description:** The proposed project is part of a first phase to identify needed data streams, formats and transmission requirements among Kentucky Transportation Cabinet's systems, deploy technologies and the FMCSA Work Zone Data Exchange, survey truck drivers across the CMV community to better understand hands-free smart phone trends and use cases for deploying this technology. The recipient will also conduct market research effort across IT vendors for mobile app development.

**National Priority(ies):** *Work Zone Safety Notification*

*NOTE: Project numbering is correct as it aligns with the projects that FMCSA funded.*

## Kentucky – Executive Office of the Commonwealth of Kentucky

**Award Amount: \$910,000**

**Project #1 Description:** The proposed project involves pilot testing of hazmat placard identification in the commercial vehicle screening process. The project will improve available screening data that is provided to enforcement officials by adding hazmat placard identification into the Kentucky Automated Truck Screening (KATS) system, identify hazmat loads for inspection when needed, and identify motor carriers that may be transporting hazardous materials in restricted areas.

**National Priority(ies):** *Vehicle Out of Service Detection*

**Project #2 Description:** The proposed project involves deploying a mobile KATS system to provide a flexible alternative to a fixed weigh station.



The project will identify commonly used bypass routes near established weigh stations and other points of entry into the state that CMVs use to avoid screening and inspections. The recipient will also collect data on CMVs that operate on the identified bypass routes and analyze the data to compare the characteristics of CMVs screened at bypass routes to the CMVs at a nearby fixed weigh station, to then assess its effectiveness in detecting non-compliant motor carriers/CMVs.

**National Priority(ies): Vehicle Out of Service Detection**

**Project #3 Description:** The proposed project will improve Kentucky's Motor Carrier Portal (MCP) that is used for daily operations of the state's International Registration Plan, IFTA, and Unified Carrier Registration, Kentucky Interstate Tax, and other applications. Improvements to the MCP will focus on efficiencies for the Division of Motor Carrier and the motor carriers via various updates, which will also have a positive impact on the overall customer experience as well as data quality for internal systems and services that send data to FMCSA and other jurisdictions.

**National Priority(ies): Vehicle Out of Service Detection**

## Louisiana - Louisiana Department of Transportation and Development

**Award Amount: \$360,000**

**Project Description:** The proposed project involves International Registration Plan (IRP) operations and maintenance support to provide a reliable and robust IRP system operation, increased efficiency of manual and electronic credentialing processes, decrease turn-around time to credentials delivery, and ensure the state remains ITD core compliant.

**National Priority(ies): Other ITD Projects**

## Massachusetts - Massachusetts Department of Transportation

**Award Amount: \$1,002,239**

**Project #1 Description:** The proposed project will implement real time drive in-cab drive warning safety alerts in work zones, traffic congestion, and low bridge/overpasses. The project will help improve traffic safety for CMV operations, as CMV drivers can receive alerts and take proactive measures to prevent disruptions affecting their hours of service and avoid disruptions to key supply chains.

**National Priority(ies): Work Zone Safety Notification**

**Project #2 Description:** The proposed project is to ensure all components of the Massachusetts ITD program are fully active, as well as function to maintain Massachusetts' Core ITD certification. The project will also help the recipient maintain progress of Massachusetts ITD initiatives that are ongoing as well as those that will be included in future expanded ITD program initiatives.

**National Priority(ies): Other ITD Projects**

## Maryland – Maryland Department of Transportation/State Highway Administration

**Award Amount: \$1,752,120**

**Project #1 Description:** The proposed project will implement a next generation virtual weigh station utilizing digital weigh-in-motion (WIM) technology to improve CMV enforcement, roadway safety, and infrastructure preservation. This will be accomplished by improving weight and axle load accuracy, increasing data transmission speed, sensor uptime, reliability, data transmission speed, and reducing maintenance



requirements. This deployment will replace existing analog WIM systems, thereby, delivering demonstrably improved accuracy, reliability and operational efficiency.

**National Priority(ies): Vehicle Out of Service Detection**

**Project #2 Description:** The proposed project will develop a system to allow enforcement officers to prioritize inspections of high-risk vehicles, by combining tire anomaly detection with high-accuracy vehicle classification. This will help reduce unnecessary stops and protect infrastructure for vehicles operating with dangerous tire conditions or improperly distributed loads. Additional benefits include measurable improvement in enforcement efficiency, safety outcomes, and data quality compared to legacy analog WIM and vision only inspection practice and ultimately contribute to a safer transportation environment in Maryland.

**National Priority(ies): Vehicle Out of Service Detection**

**Project #3 Description:** The proposed project involves retrofitting the virtual weight stations with hazmat placard readers to enhance its data collection capabilities. Project benefits include giving law enforcement the ability to access real-time motor carrier information to promptly identify parties involved in violations during roadside enforcements. The real-time hazmat data will leverage data obtained from USDOT numbers which will help contribute to a safer transportation environment in Maryland.

**National Priority(ies): Vehicle Out of Service Detection**

**Project #4 Description:** The proposed project involves installing one or more of the Hypoint Solution products at three pilot locations across three counties, in an effort to advance the Maryland One Permit System by identifying ways to deter CMV drivers from operating without required hauling permits. The Hypoint Solutions products include the Hawkscan 3D measurement and vehicle classification system, the Falcon, and the Accelerometer Bridge Collision Notification System.

**National Priority(ies): Vehicle Out of Service Detection**

## **Maine - Maine Department of Public Safety, Maine State Police**

**Award Amount: \$954,560**

**Project #1 Description:** The proposed project involves supporting operations and maintenance for Maine's six virtual screening sites. The project will keep Maine current with required ongoing and annual support and maintenance.

**National Priority(ies): Vehicle Out of Service Detection**

**Project #2 Description:** The proposed project will restore the state's busiest (by volume) fixed truck inspection site, the I-95 Kittery southbound, that is equipped with a smart roadside system to full operational capacity. It has been offline since June 2024 when a driver crashed into the pole that housed the majority of the smart roadside technology for this site. The recipient will replace the pole and associated smart roadside technology infrastructure.

**National Priority(ies): Vehicle Out of Service Detection**

**Project #3 Description:** The proposed project involves keeping deployed technology systems operational, with minimal unexpected downtime or reduced function, by having funding available for maintenance and repairs.

**National Priority(ies): Vehicle Out of Service Detection**



**Project #4 Description:** The proposed project will assist with MCSAP program management, most notably to help keep deployed technology systems operational, with minimal unexpected downtime or reduced function.

**National Priority(ies):** *Other ITD Projects*

### Montana - Montana Department of Transportation

**Award Amount:** \$1,645,726

**Project Description:** The proposed project supports the operation and maintenance for truck parking, the permitting system, the Automated Routing system, and the Automated Weigh Screening system. The project will benefit the motor carrier industry as the state of Montana will continue the use of ITD technologies.

**National Priority(ies):** *Truck Parking and Other ITD Projects*

### North Carolina – North Carolina State Highway Patrol

**Award Amount:** \$1,820,700

**Project #1 Description:** The proposed project involves installing e-screening technologies at the Asheville westbound weigh station. The project will improve CMV safety and enhance the productivity of CMVs and commercial drivers. The technologies will also allow the recipient to identify potential violators according to weight, safety, and credentials.

**National Priority(ies):** *Vehicle Out of Service Detection*

**Project #2 Description:** The proposed project involves deploying two heads-up real time distracted driving enforcement systems at the Hillsborough weigh station on I-40/I-85 (both eastbound and westbound stations). The cameras on the heads-up real time enforcement system utilize high-performance artificial intelligence that are designed to detect mobile phone and seat belt usage by CMV drivers while traveling in traffic. The system provides law enforcement with a real time data feed of probable traffic offenses that can be utilized in conjunction with active roadside enforcement countermeasures. The system will be integrated with the other e-screening tools already installed at the weigh station monitoring CMV traffic.

**National Priority(ies):** *Other ITD Projects*

**Project #3 Description:** The proposed project supports participation in conferences, workshops, and meetings related to HP-ITD issues. The recipient will be able to contribute more effectively to the national and state-level transportation safety initiatives while fostering collaboration with key stakeholders in the industry. The recipient aims to stay informed on emerging trends, regulatory updates, and best practices that have a direct impact on ITD program objectives.

**National Priority(ies):** *Other ITD Projects*

### New Mexico – New Mexico Department of Public Safety

**Award Amount:** \$292,320

**Project Description:** The proposed Automated Thermal Imaging System Texico project will benefit the motor carrier industry by having more efficient movement of commerce through the state due to reduced time at port of entry facilities. The project will also help reduce crash rates and fatalities related to CMV and non-CMVs in New Mexico.

**National Priority(ies):** *Vehicle Out of Service Detection*



## South Carolina – South Carolina Department of Public Safety

**Award Amount: \$1,213,420**

**Project #2 Description:** The proposed project will help maintain the state's Commercial Vehicle Information Exchange Window system (CVIEW) and Core Compliance status within the ITD Program, as well as serve the motor carrier industry in a timely and accurate manner. It will also help the recipient source and maintain operations of e-screening tools, and it will assist officers in making enforcement decisions by having a trusted data source at their disposal. As a result, the recipient will continue to share important safety information with other states and FMCSA.

**National Priority(ies): Other ITD Projects**

**Project #3 Description:** The proposed project supports the operations and maintenance of South Carolina's e-screening technologies, which helps it maintain the state's Core Compliance status within the ITD program, as well as maintain the ability to sort high-risk carriers and take heightened enforcement activity by having more readily available safety and credentialing information. As a result, the recipient will continue to improve the safety and productivity of motor carrier, CMVs, and their operators.

**National Priority(ies): Other ITD Projects**

*NOTE: Project numbering is correct as it aligns with the projects that FMCSA funded.*

## South Dakota – South Dakota Department of Transportation

**Award Amount: \$825,254**

**Project #1 Description:** The proposed project involves renovating the weigh-in-motion scales at two interstate ports of entry on I-29 and I-90. The scales have not been replaced since their original installation and have reached the ends of their service lives.

**National Priority(ies): Vehicle Out of Service Detection**

**Project #2 Description:** The proposed project involves modifying the system software and the registration workflow to automate verification of Unified Carrier Registration and signature of the Agreement to Maintain Records and Timely Filing. Project benefits include business operations efficiencies, as the current manual process requires time from carriers and state staff to process the documents. The new, automated process will help reduce staff time and allow carriers to receive IRP and International Fuel Tax Agreement credentials more quickly.

**National Priority(ies): Other ITD Projects**

**Project #3 Description:** The proposed project involves developing and deploying a wind warning system to prevent wind-related commercial vehicle rollovers. The system will: Ingest wind speed, gust and direction data from the National Weather Service and SDOT's Road/Weather Information Systems sites; Use industry-standard definitions for truck types; Analyze wind speed, gust and direction data relative to alignment of segments on the state highway network; Generate wind warning and closure advisories from wind, roadway and truck data; Present real-time wind warning and closure advisories on SD511 products, including website, mobile apps, interactive voice response and "push" notifications; Generate a GeoJSON data feed for third party providers, including in-cab applications for commercial vehicles, every five minutes; and, Document the data feed in industry-standard Swagger format.

**National Priority(ies): Other ITD Projects**



## Tennessee – Tennessee Department of Safety and Homeland Security

**Award Amount: \$635,000**

**Project #1 Description:** The proposed project will help the recipient to retain the ITD Program Manager and System Architect services in order to assist the state's ITD team with implementation and expansion of statewide ITD projects and activities. The project will also help the recipient to ensure that its program is compliant with federal rules and regulations.

**National Priority(ies): Other ITD Projects**

**Project #2 Description:** The proposed project involves deploying and maintaining two Tire Anomaly Detection Systems (TADS) at the Haywood County, I-40 eastbound and westbound, fixed inspection sites to improve enforcement of tire-related regulations and augment safety screening to include real-time information regarding the performance of safety critical systems of commercial vehicles. Using violation and inspection data, the recipient anticipates that the percent of annual inspections with one or more tire violations at the aforementioned inspection sites will increase to at least 30 percent.

**National Priority(ies): Vehicle Out of Service Detection**

## Utah – Utah Department of Transportation Motor Carrier Division

**Award Amount: \$773,543**

**Project Description:** The proposed project involves upgrading or replacing the existing e-screening equipment at the six original e-screening sites with state-of-the-art cameras and other technologically modern equipment. The project will enhance e-screening, improve system efficiency, and identify carriers with active out-of-service orders.

**National Priority(ies): Federal Out of Service Detection**

## Virginia – Virginia Department of State Police

**Award Amount: \$817,000**

**Project Description:** The proposed Mobile Smart Roadside Inspection System project will benefit the motor carrier industry by allowing motor carriers that are safe and compliant to bypass through the inspection point, which will help reduce travel time interruptions as it would not disrupt the flow of traffic. The project will also facilitate targeted enforcement, improve data collection (analytical reporting and trends), and increase efficiency and effectiveness with current resources.

**National Priority(ies): Federal Out of Service Detection**

## West Virginia – West Virginia Division of Motor Vehicles

**Award Amount: \$1,514,995**

**Project #1 Description:** The proposed project involves expanding the state's Commercial Vehicle Information Exchange Window (CVIEW) functionality through ongoing maintenance of effort and enhanced network connectivity to ensure CVIEW availability. The recipient and the West Virginia Public Service (WV PSC) are parties of an agreement to maintain the State's ITD Core Compliance by expanding and maintaining the state's CVIEW functionality, allowing uninterrupted access to CVIEW to the recipient. The recipient has used WV PSC's connection to CVIEW to upload the Safety and Fitness Electronic Records system.

This project funds the recipient's prorated payment to WV PSC for necessary communications upgrades to allow the data transfer.



***National Priority(ies): Other ITD Projects***

**Project #2 Description:** The proposed project supports International Registration Plan system maintenance necessary to continue electronic credentialing for ITD Core Compliance. Project benefits include regular system updates, routine maintenance to the system, and tech support when an unforeseen issue occurs.

***National Priority(ies): Other ITD Projects***

**Project #3 Description:** The proposed project will expand West Virginia's e-screening capabilities by installing automated USDOT reader, automated License Plate Reader (ALPR), and weigh-in-motion, at a virtual or smart roadside inspection station site on State Route 2, in Mason County. The project will improve credentialing data quality, increase compliance with Federal and state size and weight standards, improve CMV safety through targeted enforcement, and improve efficiency of roadside enforcement assets.

***National Priority(ies): Federal Out of Service Detection***

**Project #4 Description:** The proposed project involves the WV Public Service Commission (WV PSC) and West Virginia University (WVU) partnering to conduct a study of official truck parking capacity and usage trends, in an effort to identify truck parking needs and solutions along key transportation corridors. The study will determine the efficacy of current available truck parking, including how efficiently that parking is used, and any potential issues that may result from the current parking shortage. At the conclusion of the study, WVU will give WV PSC its recommendations on the best and most effective way to implement a Truck Parking Information Management System in the state.

***National Priority(ies): Truck Parking***

**Wyoming – Wyoming Department of Transportation-Highway Patrol**

**Award Amount: \$2,000,000**

**Project Description:** The proposed project involves the deployment of two virtual weigh stations (to include weigh-in motion, Automated USDOT Reader, and other technologies) along I-80 northbound and U.S. Route 212 (eastbound/westbound), in an effort to reduce non-compliant CMVs identified at virtual and physical enforcement sites. The project will benefit the motor carrier industry by providing early identification of safety or credential issues for early interventions, increasing enforcement on unsafe carriers who unfairly compete, and giving an opportunity for carriers to become aware of unsafe operations and implement interventions.

***National Priority(ies): Federal Out of Service Detection***