

Fiscal Year 2023 Grant Programs Awardees

The Federal Motor Carrier Safety Administration grant programs address the U.S. Department of Transportation (DOT) 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 awardees for fiscal year 2023.

High Priority Commercial Motor Vehicle Safety

Alabama Law Enforcement Agency

Awarded Amount: \$1,594,231.00

Project Description: The purpose of the project proposed by the Alabama Law Enforcement Agency is commercial motor vehicle enforcement to reduce the frequency and severity of crashes on Alabama roadways. Throughout the funding lifecycle, details will be coordinated targeting top crash causal factors identified.

Auburn University

Awarded Amount: \$396,013.00

Project Description: The purpose of the project proposed by the Auburn University Transportation Research Institute is to develop a commercial motor vehicle and non-commercial motor vehicle web-based speed analysis tool using historical data on Alabama roadways to reduce crash fatalities through enforcement and education.

Auburn University

Awarded Amount: \$496,495.00

Project Description: The purpose of the project proposed by the Auburn University Transportation Research Institute is to deploy the Acusensus system and measure the accuracy and efficacy of the system on Alabama roadways. The results of this detailed study will enable law enforcement and state department of transportation agencies to understand the potential benefits of practical application in the contexts of CMV enforcement and policy-making.

The University of Alabama

Awarded Amount: \$433,148.00

Project 1 Description: The purpose of the project proposed by the University of Alabama is to 1) train supervisory staff from each of the seven Alabama Enforcement Agency Trooper Posts on the use of the Virtual Intelligence Safety Outlook Navigator (VISION) system. 2) reduce commercial motor vehicle-involved specific representation in the overall crash by 5% over the next 5 years after project implementation. This decrease would be measured by data gathered from the Alabama eCrash system, which would subsequently be reflected by submission or routing to Federal Motor Carrier Safety Administration (FMCSA) systems.

Project 2 Description: The purpose of the project proposed by the University of Alabama is to host the Southern Service Center Safety Summit entitled “The Next Evolution of Safety and Commerce – The Electric and Autonomous Future”. This effort will involve as many participants from neighboring states as possible so that they build their relationships with others in improving commercial motor vehicle safety.

Arizona Department of Transportation

Awarded Amount: \$92,846.00

Project Description: The purpose of the project proposed by the Arizona Department of Transportation is to ensure all commercial driver’s license examiners employed by the State of Arizona are skills performance evaluation certified by the end of 2025. Arizona currently employs 21 non-skills performance evaluation certified commercial driver’s license examiners who must complete the FMCSA National Training Center Skill Performance Evaluation course to become certified.

The Regents of the Univ. of Calif., U.C. San Diego

Awarded Amount: \$1,996,617.00

Project Description: The purpose of the project proposed by the Regents of the University of California, San Diego, is to better understand the prevalence of unsafe driving practices of commercial motor vehicle drivers and assess the effectiveness of real-time roadside targeted messaging to reduce those behaviors compared to generalized static messaging on driver behaviors.

The Regents of the Univ. of Calif., U.C. San Diego

Awarded Amount: \$1,993,466.00

Project Description: The purpose of the project proposed by the Regents of the University of California, San Diego is to reduce the number of crashes, injuries and fatalities involving commercial motor vehicle drivers in and around work zones by providing automated location-based driver alerts via electronic logging devices that provide advanced warning of

real-time work zone activity (e.g., “work zone ahead – slow down” and “lane closure ahead”).

Colorado Department of Revenue Division of Motor Vehicles

Awarded Amount: \$258,747.00

Project Description: The purpose of the project proposed by Colorado Department of Revenue Division of Motor Vehicles is to improve existing Enhanced Performance and Registration Information Systems Management program (PRISM) functionality and launch Expanded PRISM across the State of Colorado.

Connecticut Department of Motor Vehicles

Awarded Amount: \$668,630.00

Project 1 Description: The purpose of the project proposed by the Connecticut Department of Motor Vehicles is to reduce the total number of commercial motor vehicle crashes in the five identified high crash areas by 10%.

Project 2 Description: The purpose of this project proposed by the Connecticut Department of Motor Vehicles is to increase the total number of prohibited drivers cited who are found to be prohibited in the Drug and Alcohol Clearinghouse during roadside inspection by 25% to 80%.

Connecticut Department of Emergency Services and Public Protection

Awarded Amount: \$1,999,938.00

Project Description: The purpose of the project proposed by the Connecticut Department of Emergency Services and Public Protection is to meet or exceed the goals stated in the Connecticut Commercial Vehicle Safety Plan for the FMCSA, specifically to reduce the total number of truck crashes by 2% annually. The goal will be to improve the overall work zone safety for workers and the motoring public as we conduct our enforcement efforts. The main objective of this project is to develop and evaluate novel blind spot warning technology that issues warnings to non-commercial motor vehicles that are present in the blind spots of commercial motor vehicles.

Commercial Vehicle Safety Alliance

Awarded Amount: \$1,642,189.00

Project Description: The purpose of the project proposed by the Commercial Vehicle Safety Alliance (CVSA) is to develop, coordinate and implement a total of six high-visibility commercial motor vehicle safety, education and enforcement campaigns within the grant period of performance highlighting a compliance focused and safety-oriented approach to

improve commercial motor vehicle, non-commercial motor vehicle and public safety. These campaigns will contribute to the National Roadway Safety Strategy safe system approach with the goal of eliminating fatalities and injuries on our highways, roads and streets, and promote recognition, prevention and reporting of human trafficking.

Commercial Vehicle Safety Alliance

Awarded Amount: \$498,478.00

Project Description: The purpose of the project proposed by the CVSA is to improve data quality by providing subject matter expert support to member jurisdictions and the motor carrier industry. The data quality initiatives to meet this objective will occur within the period of performance and will further contribute to the National Roadway Safety Strategy safe system approach with the goal of eliminating fatalities and injuries on our highways, roads and streets.

Commercial Vehicle Safety Alliance

Awarded Amount: \$1,999,040.00

Project Description: The purpose of the project proposed by the CVSA is to provide roadside inspectors the educational support, subject matter expertise, and reference sources related to the North American Standard Inspection Procedure that are needed for their continued success.

Commercial Vehicle Safety Alliance

Awarded Amount: \$714,153.00

Project Description: The purpose of the project proposed by the CVSA is to provide post-crash training, educational and developmental activities to local, state, provincial, territorial and Federal commercial motor vehicle safety officials. CVSA will improve and seek to expand the collection of commercial motor vehicle data within post-crash inspections and crash reporting, promote the increased application of the Model Minimum Uniform Crash Criteria to increase crash data uniformity and provide for more informed and educated enforcement officers involved in this activity.

Commercial Vehicle Safety Alliance

Awarded Amount: \$727,399.00

Project Description: The purpose of the project proposed by CVSA is to: 1) Support the evolution of the North American Standard Inspection (NASI) program. CVSA will leverage its applicable standing committees to cooperatively brainstorm and develop ideas for further development of the automated driving systems (ADS) and Level VIII commercial motor vehicle inspection proof of concept and to support the current state of NASI program

capabilities for these inspections. 2) CVSA will utilize a “sandbox” testing environment to develop a platform capable of capturing the information required for an Enhanced ADS commercial motor vehicle inspection and Level VIII Electronic inspections.

Commercial Vehicle Safety Alliance

Awarded Amount: \$311,419.00

Project Description: The purpose of the project proposed by the CVSA is to develop literature to educate commercial motor vehicle safety stakeholders and promote safe practices, equitable enforcement and compliance focused commercial motor vehicle operations. This is accomplished by sharing information on emerging issues, successful enforcement and inspection initiatives, best practices, lessons learned and new techniques by multiple jurisdictions throughout North America to improve efficiency and consistency in commercial motor vehicle enforcement and safety.

Truck Safety Coalition

Awarded Amount: \$325,949.00

Project Description: The purpose of the project proposed by the Truck Safety Coalition is to, in collaboration with state law enforcement, conduct training on properly identifying and documenting underride crashes in an effort to improve the underride data accuracy in the Fatality Analysis Reporting System in each of the states with high crash fatalities during the grant's period of performance.

Delaware Department of Transportation

Awarded Amount: \$353,056.00

Project Description: The purpose of the project proposed by the Delaware Department of Transportation is to 1) conduct a hands-on demonstration in 36 high school driver education programs and four community events between the fall of 2023 and the summer of 2025, and 2) conduct monthly outreach for the Tips for Sharing the Road with commercial motor vehicles website.

Delaware Office of Highway Safety

Awarded Amount: \$255,163.00

Project Description: The purpose of the project proposed by the Delaware Office of Highway Safety is to deploy social media advertising and education on commercial motor vehicle awareness. This activity is expected to garner measurable objectives such as 10,000 impressions on social media platforms. An estimated total of 50,000 impressions to raise awareness of commercial motor vehicle traffic safety over the life of the grant is further expected.

Georgia Department of Public Safety

Awarded Amount: \$754,000.00

Project Description: The purpose of the project proposed by the Georgia Department of Public Safety is to identify driver behavior to determine regulatory compliance. This will be accomplished by deploying camera enforcement technology within problematic locations including inside work zones, high crash corridor routes, and special distracted driving enforcement campaigns/projects. Software will aid in the identification of commercial motor vehicle drivers committing distracted driving and seatbelt violations.

Iowa Department of Transportation

Awarded Amount: \$2,000,000.00

Project Description: The purpose of the project proposed by the Iowa Department of Transportation is to establish a multi-agency strike force operation to dramatically increase roadside commercial motor vehicle driver/vehicle inspections as well as related non-inspection traffic enforcement where appropriate to drive down commercial motor vehicle related crashes and fatalities, especially in areas identified as high-risk crash locations.

Indiana State Police

Awarded Amount: \$2,000,000.00

Project Description: The purpose of the project proposed by the Indiana State Police is to achieve crash reduction through traffic enforcement, work zone enforcement, and rural road enforcement. Within these general categories of crash reduction activities, we will focus on commercial motor vehicle inspection and enforcement, non-commercial motor vehicle traffic enforcement, human trafficking, and Drug and Alcohol Clearinghouse enforcement.

Kansas Highway Patrol

Awarded Amount: \$1,228,586.00

Project Description: The purpose of the project proposed by the Kansas Highway Patrol is to support the reduction of injury and fatality collisions by increasing our non-commercial motor vehicle enforcement in areas across the State with higher collision rates. Our goal is to increase inspection numbers, commercial motor vehicle public contacts, and non-commercial motor vehicle contacts by 10%.

Kansas State University

Awarded Amount: \$254,554.00

Project Description: The purpose of the project proposed by the Kansas State University is

to analyze commercial motor vehicle crashes in Florida work zones using historical crash, roadway, and operations data. A multi-year investigation will analyze factors that contributed to crashes, secondary incidents, and work zone characteristics. A fusion of multiple Florida datasets will allow the research team to develop maps, charts, and recommendations to improve and optimize work zone enforcement by the FHP.

Kansas State University

Awarded Amount: \$349,051.00

Project Description: The purpose of the project proposed by the Kansas State University is to 1) reduce the total number of commercial motor vehicle crashes in Kansas by developing a crash count prediction tool capable of identifying high-risk commercial motor vehicle crash corridors and traffic areas at high spatial-temporal resolution. 2) Increase the efficiency of law enforcement resource allocation in Kansas by providing near real-time prediction of crashes at selected geo-fenced regions. 3) Increase the education awareness of the Kansas Highway Patrol, Kansas Department of Transportation, Emergency Medical services, and communities through data analysis, trend discoveries, and map visualization.

Executive Office of the Commonwealth of Kentucky

Awarded Amount: \$377,852.00

Project Description: The purpose of the project proposed by the Executive Office of the Commonwealth of Kentucky is to identify and document technological issues that may impact the feasibility, performance, cost, or implementation of unique electronic identifier technologies and develop possible technological solutions. This project will support the FMCSA efforts as it evaluates a potential path forward on the Universal ID topic.

International Registration Plan, Inc.

Awarded Amount: \$2,000,000.00

Project Description: The purpose of the project proposed by the International Registration Plan, Incorporated is to provide hosting, maintenance, and operations support for the data repository; enhance the data quality program for the International Registration Plan to further improve the quality of vehicle registration data and make it more useful for law enforcement; host a data quality forum and showcase technology to demonstrate the improved quality data for roadside enforcement; ensure the security and availability of repository data, and provide benefit to Federal and jurisdictional stakeholders, as well as law enforcement, by enhancing the data repository to automatically synchronize data between the it and FMCSA.

State of Louisiana

Awarded Amount: \$1,000,000.00

Project Description: The purpose of the project proposed by the State of Louisiana is to improve recognition, prevention, reporting, enforcement, and outreach/public education of human trafficking in commercial motor vehicles.

University of Massachusetts Amherst

Awarded Amount: \$938,616.00

Project Description: The purpose of the project proposed by the University of Massachusetts Amherst is to develop partnerships between law enforcement and licensing agency staff, along with university researchers, providing a way to close gaps in information and expertise. By creating a mechanism to facilitate the exchange of ideas and resources between commercial motor vehicle/commercial driver's license safety stakeholders and universities, best practices, networking capabilities, and special research efforts can be thoroughly developed. The proposed project ultimately seeks to further enhance efficiency and specificity within enforcement and other crash prevention programs, particularly those located in underserved areas, which target dangerous driving of commercial motor vehicles in high crash corridors of ESC states.

Mississippi Department of Public Safety

Awarded Amount: \$1,164,621.00

Project Description: The purpose of the project proposed by Mississippi Department of Public Safety is to: 1) Decrease commercial motor vehicle crashes in the high crash corridor areas at select locations by 5%. 2) Decrease statewide commercial motor vehicle large truck crashes by 5%. 3) Increase commercial motor vehicle traffic enforcement inspections by 5%. 4) Increase commercial motor vehicle traffic enforcement violations by 5%. 5) Develop a dashboard and activity reporting systems for use by the Mississippi Highway Patrol.

North Dakota State University

Awarded Amount: \$600,368.00

Project Description: The purpose of the project proposed by North Dakota State University (NDSU) is to improve commercial vehicle safety through the documenting and sharing best practices of university partnerships with agencies to improve commercial motor vehicle safety. In particular NDSU will focus in the areas of technologies and tools to promote safe driving behaviors and to identify high-risk corridors, and providing resources through the Commercial Vehicle Safety Center at NDSU- Upper Great Plains Transportation Institute as a point of contact for those agencies seeking assistance to establish partnerships.

North Dakota State University

Awarded Amount: \$767,249.00

Project Description: The purpose of the project proposed by North Dakota State University is to establish a project advisory team, representative of interested parties, including law enforcement, tribal officials, and carrier representatives, among others. Through surveys and focus groups the project seeks to define goals and perspectives of all stakeholders, and then assess the market potential for autonomous trucks in North Dakota. This analysis includes the availability and cost of original equipment, the availability and cost of retrofits to existing trucks, and the availability and services provided by technology companies and third-party providers.

Board of Regents, Univ of Nebraska, Univ of Nebraska-Lincoln

Awarded Amount: \$1,126,672.00

Project Description: The purpose of the project proposed by the Board of Regents, University of Nebraska, Lincoln is to develop and evaluate a distributed multi-sensor fusion framework for driver behavior estimation. Development of a predictive crash/near-crash prediction model depends on the exact replication of the real world in a digital replica, which will be addressed in this study.

State of New Jersey, Department of Law & Public Safety

Awarded Amount: \$786,948.00

Project Description: The purpose of the project proposed by the State of New Jersey, Department of Law & Public Safety is an overall increase of 12% from FY 2021 commercial motor vehicle inspection levels. Enforcement efforts proposed will also have the secondary objective of decreasing the State's crash rate by 2% over the funding period of performance.

City of Reno Police Department

Awarded Amount: \$380,176.00

Project Description: The purpose of the project proposed by the City of Reno Police Department is to curb aggressive or otherwise hazardous commercial and non-commercial motor vehicle operation around commercial motor vehicles; ensure drivers and commercial motor vehicles are complying with safety regulations and increase the capacity of the Reno Police Department to conduct commercial motor vehicle inspections.

County of Nassau, New York

Awarded Amount: \$1,999,073.00

Project Description: The purpose of the project proposed by the Nassau County Police Department Motor Carrier Safety Unit is to reduce the average number of large truck and

bus accidents by at least 10% each year during the grant's period of performance. The Nassau County Police Department Motor Carrier Safety Unit will conduct enforcement to enhance commercial motor vehicle Work Zone Safety. The Nassau County Police Department Motor Carrier Safety Unit will further improve the identification of operators that have drug and alcohol violations which prohibit them from lawfully driving a commercial motor vehicle.

County of Suffolk, New York

Awarded Amount: \$1,787,451.00

Project Description: The purpose of the project proposed by the County of Suffolk is to: 1) Reduce the total number of crashes involving both commercial motor vehicle and non-commercial motor vehicle vehicles along identified high-crash corridors by 2%, while also reducing the number of crashes that occur within work zones by 10% during the performance period of the grant. 2) Maintain an aggressive commercial motor vehicle inspection program that targets driver and vehicle safety violations to achieve the goal of this activity to reduce overall commercial motor vehicle crashes by at least 2% from fiscal year 2021. 3) the Motor Carrier Safety Section will also maintain an aggressive passenger-carrying vehicle inspection program that targets driver and vehicle safety violations to achieve the goal of this program in reducing overall passenger-carrying vehicle crashes by 2%. 4) Suffolk County Police Department will aid in the reduction of victims of human trafficking by 10% during the performance period of the grant.

New York State Department of Transportation

Awarded Amount: \$1,999,925.00

Project Description: The purpose of the project proposed by the New York State Department of Transportation is to increase the number of contacts with unsafe commercial motor vehicle and passenger vehicles drivers operating in the vicinity of commercial motor vehicles to 2,420, which is a 10% increase from last year's goal of 2,200. Secondly, New York State Department of Transportation will conduct a total of 1,760 North American Standard Level III inspections during this project.

New York State Department of Transportation

Awarded Amount: \$474,996.00

Project Description: The purpose of the project proposed by the New York State Department of Transportation is to 1) Increase the number of contacts with commercial motor vehicles and in turn, have a positive effect on reducing the number of crashes, injuries, and fatalities. 2) Additional focus on size and weight regulations will aid in preserving the State's roadways and keep conditions safe for all motorists. 3) Increase from New York State Department of Transportation's 2022 Rural Routes grant proposal.

Public Utilities Commission of Ohio

Awarded Amount: \$112,001.00

Project Description: The purpose of the project proposed by the Public Utilities Commission of Ohio is to reduce the number of commercial motor vehicle crashes on identified high crash corridors during the grant period by 5% compared to the 3-year average.

Public Utilities Commission of Ohio

Awarded Amount: \$158,984.00

Project Description: The purpose of the project proposed by the Public Utilities Commission of Ohio is to reduce the number of reports at truck-stop based locations as venues for sex trafficking in Ohio during the grant period compared to the 3-year average.

Public Utilities Commission of Ohio

Awarded Amount: \$510,392.00

Project Description: The purpose of the project proposed by the Public Utilities Commission of Ohio is to reduce the number of commercial motor vehicle crashes on identified high risk rural roads during the grant period by 5% compared to the 3-year average.

Public Utilities Commission of Ohio

Awarded Amount: \$179,840.00

Project Description: The purpose of the project proposed by the Public Utilities Commission of Ohio is to reduce the number of commercial motor vehicle crashes on identified highest crash corridors during the grant period by 5% compared to the 3 year average.

Puerto Rico Transport and Other Public Services Bureau

Awarded Amount: \$200,694.00

Project Description: The purpose of the project proposed by the Puerto Rico Transport and Other Public Services Bureau is to reduce crashes, injuries and fatalities involving commercial motor vehicles. This will be accomplished through the enforcement of commercial motor vehicle operation and compliance with safety regulations. The bureau's focus will be on the following two critical violation areas: distracted driving, which accounts for 3.01% of total violations, and; failing to use a seat belt, which accounts for 8.61% of total violations.

State of Tennessee

Awarded Amount: \$27,292.00

Project Description: The purpose of the project proposed by the State of Tennessee is to expand the Skill Performance Evaluation (SPE) program as required by FMCSA 49 U.S.C. §384.228 commercial driver's license examiner training regulations.

Grand Prairie Police Department

Awarded Amount: \$768,163.00

Project Description: The purpose of the project proposed by Grand Prairie Police Department is to communicate with local news networks, use social media platforms and conduct face-to-face events to pass along safety information not only to the general public but also to the trucking industry.

Texas A&M Transportation Institute

Awarded Amount: \$371,397.00

Project Description: The purpose of the project proposed by the Texas Agricultural and Mechanical Transportation Institute is to characterize and understand truck parking needs and challenges, as well as identify solutions, best practices, and recommendations for addressing parking challenges. The ultimate objective of this project is to inform parking investments that promote safe parking practices while facilitating the economic and societal benefits of freight movements.

Utah Department of Transportation Motor Carrier Division

Awarded Amount: \$999,356.00

Project Description: The purpose of the project proposed by the Utah Department of Transportation Motor Carrier Division is to reduce the number of crashes, fatalities, and serious injuries by teaching safe driving behaviors and promoting awareness by saturating social media, billboards, and static signage through our highest crash corridor, at our Ports of Entry, and on our college and university campuses.

Commonwealth of Virginia, Department of Motor Vehicles

Awarded Amount: \$2,000,000.00

Project Description: The purpose of the project proposed by the Commonwealth of Virginia, Department of Motor Vehicles is to improve the quality of data provided to FMCSA through creating tools to assist with automating areas of data validation, data visualizations to alert to potential issues, and by expanding the data collected on trailers in commercial motor vehicle crashes. The primary objective of this project is to deploy tools

to enhance identification of carriers that are more likely to be involved in crashes on the roadways of Virginia, specifically by focusing on increasing the frequency of times law enforcement officers encounter out-of-service carriers.

Virginia Polytechnic Institute and State University

Awarded Amount: \$300,000.00

Project Description: The purpose of the project proposed by the Virginia Polytechnic Institute and State University is to increase public awareness in the trucking community about human trafficking and empower individuals to recognize and report suspected human trafficking situations through education, dissemination of information, and accessibility to existing resources.

Virginia Polytechnic Institute and State University

Awarded Amount: \$808,178.00

Project Description: The purpose of the project proposed by the Virginia Polytechnic Institute and State University is to meet the growing demand to implement the Virginia Tech Transportation Institute's supplemental teen driver education program designed to instruct young drivers on sharing the road with heavy vehicles.

Public Service Commission of West Virginia

Awarded Amount: \$140,729.00

Project Description: The purpose of the project proposed by the Public Service Commission of West Virginia is to provide law enforcement a clear understanding of the impact the timely completion of crash reports have on the Public Service Commission of West Virginia and our State Safety Data Quality (SSDQ) rating. As a result of our outreach, law enforcement entities throughout the State of West Virginia will become more familiar with the commercial motor vehicle components of the crash report.

High Priority Innovative Technology Deployment

Arizona Department of Transportation

Awarded Amount: \$1,500,111.00

Project Description: The purpose of this award to the Arizona Department of Transportation (ADOT) is for the Operations and Maintenance for ITD Systems project. This will benefit the Motor Carrier industry by not requiring legal trucks to stop at a port of entry, or virtual weigh stations pull out locations, increasing safety and improving road conditions, making for a smoother ride and reduce maintenance costs.

California Highway Patrol

Awarded Amount: \$2,000,000.00

Project Description: The purpose of this award to the California Highway Patrol (CHP) is for the Virtual Weigh Stations (VWS) project. This will benefit the Motor Carrier industry by assisting with timely interdiction of stolen vehicles or cargo, safe and legal carriers can obtain a “virtual” inspection and keep moving, saving time, money, and reducing emissions that result from idling and helping create a ‘level playing field’ for those carriers that are operating legally.

California Highway Patrol

Awarded Amount: \$787,200.00

Project Description: The purpose of this award to the CHP is for the Tire Monitoring Systems (TMS) project. This will benefit the Motor Carrier industry by addressing tire violations which should result in a reduction of crashes caused by tire failures, tire debris, and disabled vehicles. The Tire Monitoring System (TMS) identifies commercial motor vehicles which are unsafe due to flat, missing, or mismatched tires.

Colorado Department of Public Safety

Awarded Amount: \$1,666,270.00

Project Description: The purpose of this award to Colorado Department of Public Safety is to develop and deploy Next Generation Commercial Vehicle Information Exchange Window (CVIEW) capability, Integrated Permitting – Expand e-permitting options for Non-International Registration Plan (IRP) CMVs not domiciled in Colorado, Fixed Performance-Based Brake Testers (PBBT) Trial Installation and Evaluation, and the Distracted Driving / Seatbelt Use Detection System Trial and Study projects.

Project 1 Description: This process will result in the replacement/upgrade of Colorado’s CVIEW system. The system interfaces with Safety and Fitness Electronic Records (SAFER) on a Federal level. The system supports the ability to electronically identify vehicles in fixed and virtual Ports.

Project 2 Description: Colorado State Patrol, in partnership with the Colorado Department of Transportation Freight Mobility and Safety Branch, will expand the existing Colorado Oversize Overweight Permitting and Routing interface for the electronic submission and issuance of CMV permits presently only available at Fixed Ports of Entry.

Project 3 Description: The Colorado State Patrol will procure, via competitive bid, an inclusive solution for a fixed PBBT machine at the Fort Collins Southbound (SB) POE. This facility’s inspection area is larger than average due to its screening of Waste Isolation Pilot Plant Program (WIPP) loads. The Colorado State Patrol will evaluate the effectiveness and

usability of a single installation to determine future level of integration with other CO fixed ports and port software.

Project 4 Description: Colorado State Patrol, in partnership with the Southern Colorado Institute of Transportation Technology (SCITT) at Colorado State University (CSU) Pueblo, will design a study. The applicant will procure and deploy screening equipment via competitive bid, conduct the study, analyze the data, and make future decisions regarding the effective deployment of this technology.

Connecticut Department of Motor Vehicles

Awarded Amount: \$712,467.00

Project Description: The purpose of this award to Connecticut Department of Motor Vehicles (DMV) is to further enhance CT DMV's International Registration Plan (IRP) Modernization and E-Transaction Enhancement Project (State and Contractual), which will benefit the Motor Carrier industry by continued interoperability between systems in Connecticut, other jurisdictions, and at the national level.

Project 1 Description: Deployment of a virtual weigh station (VWS) to collect data, provide a law enforcement presence that will provide for better public highway safety, and possibly reduce CMV crashes in a heavily travelled and congested corridor; and to provide accurate, complete, and timely data for daily business decision-making needs.

Project 2 Description: The primary objective of this project is to further enhance IRP modernization and e-transactions for IRP based carriers. This project will assist the Connecticut DMV in enforcing the Federal commercial vehicle compliance laws by ensuring system checks and data validations of IRP motor carrier information.

District Department of Transportation

Awarded Amount: \$2,000,000.00

Project Description: The purpose of this award to the District Department of Transportation is the E-Screening System Repair and Upgrade and Update ITD Program Plan/Top-Level (PP/TLD) Design projects that will reduce delays for legal and compliant trucks and enable the District Department of Transportation to develop an approved PP/TLD, which is necessary to become Core compliant and to request grant funds

Project 1 Description: The District of Columbia E-screening System project involves the repair and upgrade of e-screening sites on Interstate Route 295 (I-295) northbound and southbound. These e-screening sites include weigh-in-motion (WIM) scales, License Plate Readers (LPR), inductive loops, Dynamic Message Signs (DMS), power, communications, and screen software for automated screening at commercial motor vehicle enforcement

locations on I-295 operated by the Metropolitan Police Department of the District of Columbia (MPDC).

Project 2 Description: The District of Columbia's (DC) current Commercial Vehicle Information Systems and Networks (CVISN) Program Plan and Top-Level Design was last approved by FMCSA in October 2012. FMCSA has a requirement that plans should be updated every five years. Moreover, FMCSA released a new plan template in 2017. This project will provide support for DC to update the ITD Program Plan and Top-Level Design in accordance with FMCSA's current requirements and template.

Delaware Department of Transportation

Awarded Amount: \$1,319,798.00

Project Description: The purpose of this award to the Delaware Department of Transportation is the Operation, Maintenance and Minor Enhancements of Core ITD Systems, Participation in ITD-Affiliated Organizations and Associations and the Truck Parking Information System (TPIS) Augmentation projects. This project will allow Delaware to stay informed regarding IRP, IFTA, ITD, PRISM and Motor Carrier Safety Assistance Program (MCSAP) program-related activities and improve safety by providing truck parking information, which will make it easier for commercial motor vehicle drivers to plan their route and comply with electronic log device requirements and associated rest requirements.

Project 1 Description: Continue operational and maintenance support of IRP, IFTA, and CVIEW systems and apply periodic upgrades and minor enhancements for a period of three years plus partial year due to payment cycle. Continue internal and external interfaces for data validations, data quality and data sharing with CVIEW, SAFER, and PRISM systems and maintain compliance with ITD program requirements.

Project 2 Description: Delaware will continue issuance of State's cab card and plate(s) for each IRP registered vehicle. Delaware will continue to transmit the fees that are being collected from Delaware's IRP registrants to the IRP Clearinghouse. IRP Clearinghouse will distribute fees to other IRP member jurisdictions, along with registrant and vehicle information from the IRP transactions. Participate and comply with IRP Inc. membership-related rules, regulations, and requirements.

Project 3 Description: This project will augment the Delaware Truck Parking Information System (TPIS) Pilot Project that was recently completed by taking information regarding parking availability generated by the TPIS and transmitting it in real time to Dynamic Message Signs (DMS) that will provide information on the number of open truck parking spaces available at the Smyrna Rest Area. These signs will be deployed at strategic locations on SR-1 northbound (NB) and southbound (SB) and US-13 NB and SB approaching the Smyrna Rest area.

Iowa Department of Transportation

Awarded Amount: \$1,452,000.00

Project Description: The purpose of this award to the Iowa Department of Transportation is the ITD Related Travel Expenses and Improving Electronic Credentialing projects that will benefit the Motor Carrier industry by enabling Iowa's in-person participation in IFTA and IRP workshops, which has been invaluable to Iowa DOT attendees in the past, as shown by their active role in data quality discussions and initiatives

Project 1 Description: The objective of this project is to continue to grow knowledge by attending relevant IFTA and IRP workshops. Continue high-level involvement in data quality initiatives and through active participation in relevant IFTA and IRP workshops. Seek opportunities to learn and share new system features, best practice guidelines, improved data collection, data use, and necessary awareness to enhance the focus on FMCSA National Priorities.

Project 2 Description: Iowa Motor Vehicle Division (MVD) seeks to further upgrade its new IRP and IFTA system to include enhanced data entry tools, integrated document management, expanded carrier tools, and additional technical support. As Iowa continues to pursue a best-in-class customer experience for its registrants, this project will allow Iowa DOT to improve data quality, improve customer service levels, and provide useful tools for its registrants to stay compliant.

Project 3 Description: Iowa seeks to automate the IRP/IFTA audits selection process to further automate the audits process maintained today. Currently, Iowa MVD staff must retrieve data from the system, manually stratify audit candidates and then manually enter selected carriers to begin the audit process. This project will be to configure the IRP/IFTA Audits solution to generate audit samples in accordance with program criteria and state specified parameters.

Illinois Department of Transportation

Awarded Amount: \$750,000.00

Project Description: The purpose of this award to the Illinois Department of Transportation is the Automated License Plate Reader/United States Department of Transportation Reader (ALPR/USDOT-R), Over-Dimension Scan and Sorting Software systems at the NB Bolingbrook Weigh Station project that will benefit the Motor Carrier industry by allowing bypass for compliant carriers resulting in time savings and improved operational efficiency and provide better customer service to safe and legal carriers and drivers.

Indiana Department of Transportation

Awarded Amount: \$2,000,000.00

Project Description: The purpose of this award to the Indiana Department of Transportation is the Dynamic Truck Parking Message Signs TPIMS (I-70, I-65) project that will benefit the Motor Carrier industry by reducing fatigue-related crashes and improvement of FMCSA safety scores by lowering crash involvement for carriers This project will increase the real-time truck parking information at two (2) welcome centers and one (1) truck parking facility on heavy freight-traffic corridors provided to commercial truck drivers.

Executive Office of the Commonwealth of Kentucky

Awarded Amount: \$570,000

Project Description: The purpose of this award to Executive Office of the Commonwealth of Kentucky for enhancements to their IRP system, Motor Carrier Portal (MCP) Enhancements & Maintenance, Park Sign Compliance System, and the Installation of the Tire Pressure Detection System.

Project 1 Description: The objectives of the project are to improve efficiencies for the Division of Motor Carriers (DMC) and motor carriers with enhancements to the IRP system, Improve the overall customer experience with enhancements to the IRP system, enhance the data quality in CVIEW by providing better data on the motor carrier responsible for safety (MCRS) and enhance the license plate data used for enforcement purposes.

Project 2 Description: The objectives of the project are to improve efficiencies for the DMC and the motor carriers with enhancements to the MCP, improve the overall customer experience with enhancements to the MCP, improve data quality for internal systems and services that send data to FCMSA and other jurisdictions, develop additional features to aid in screening commercial carriers and provide for ongoing maintenance of the MCP.

Project 3 Description: The purpose of this project is to reduce the number of illegal weigh-station bypasses with the installation of a Park Sign Compliance System at two Kentucky weigh stations. The Park Sign Compliance System is an added feature to the weigh station's tracking and sorting system. Each system will include a camera, loop detectors, an enhanced light-emitting diode (LED) message sign, and computer.

Project 4 Description: The goal of this project is to deploy a Tire Pressure Detection System (TPDS) at one weigh station in Kentucky. These systems identify vehicles which are unsafe due to missing or underinflated tires. This project will have a direct impact on highway safety by removing unsafe trucks from the highway.

Executive Office of the Commonwealth of Kentucky

Awarded Amount: \$1,433,146.00

Project Description: The purpose of this award to the Executive Office of the Commonwealth of Kentucky is to enhance and expand the Truck Parking Information Management Systems (TPIMS) and the Missing CMV License Plate Data Identification and Reporting projects. This enhancement will assist in reducing the amount of time required to find a parking space for CMV drivers. This project will aid drivers reducing the chance of exceeding hours-of-service rules and assist the state in identifying data quality issues.

Project 1 Description: The purpose of this project is to enhance and expand truck parking information management systems (TPIMS) in Kentucky. Technology enhancements will be implemented at current locations with the goal of improving the accuracy of information provided to motor carriers traveling through Kentucky. Expansion will also occur with the goal of providing more comprehensive truck parking information to commercial vehicle drivers in Kentucky.

Project 2 Description: Analyze historical Kentucky Automated Truck Screening system screening data and photos to determine the breakdown of CMV database errors that result from incorrectly decoded license plate strings as opposed to correctly decoded license plate strings that could not be matched to vehicle screening data. Create a process for analyzing incorrect plate reads that tabulates the number of problems encountered and build a report that will inform other jurisdictions about the existence of vehicles not in their State's SAFER data.

State of Louisiana

Awarded Amount: \$500,000.00

Project Description: The purpose of this award to State of Louisiana to provide CVIEW Support and the IRP System Support to aid in the areas of reducing time required to process safe and legal vehicles, carriers, drivers through roadside or deskmount processes (screening, safety inspection, and / or credential processes), enabling reliable, robust IRP System operation and increasing efficiency of manual and electronic credentialing processes; decrease turnaround time to credentials delivery

Project 1 Description: Interfaced e-screening system with mainline and ramp Weigh-in-motion (WIM) and will use Variable Message Signs (VMS) and /or message boards to signal drivers to pull into the weigh station or remain on the mainline. Overwidth/Overheight detectors, and / or Tire Anomaly Classification Systems (TACS), may be interfaced with the e-screening system at the Pilot Project location (or other locations in future), enabling vetting of real-time vehicle tire condition.

Project 2 Description: The objective is to accommodate additional enhancement needs, including those associated with optical character recognition (OCR)based e-screening, including, interface with the selected OCR e-screening vendor systems, related processes

for specialized web service query consumption and response, data store, management, and reporting. The overall project goal is to ensure the CVIEW meets evolving roadside enforcement user needs.

Project 3 Description: The overall project goal is to ensure ongoing support for IRP system operation and maintenance for a one-year period. Objectives are to ensure ongoing operation of the IRP system, ensure routine hardware / software updates for robust operation and ensure routine updates to accommodate modifications to SAFER, IRP Data Repository, and other related / dependent systems.

Massachusetts Department of Transportation RMV Division

Awarded Amount: \$667,000.00

Project Description: The purpose of this award to Massachusetts Dept of Transportation RMV for the MassCVIEW Operations & Maintenance (O&M) plus System Upgrades and the ITD Program Administration projects, which will benefit the Motor Carrier industry in the area of improved quality of data (e.g., accuracy, timeliness, security), leveling of the playing field—safe/low-risk carriers are less likely to be targeted for enforcement, faster inspections, resulting in time savings and timely and successful deployment of ITD functionality

Project 1 Description: The objective of this project is to continue to enhance the capabilities of the MassCVIEW system for all users as well as providing funds for the annual O&M costs for this vendor-hosted system to ensure that Massachusetts maintains the core capability of having a functional CVIEW through its vendor-hosted MassCVIEW system and providing a trusted and reliable database and user interface that supports the various regulatory and enforcement ITD Program stakeholders.

Project 2 Description: This project includes several activities which keep the Mass ITD Program functioning and active. These are: ITD Program Consultant Support, IRP & IFTA Clearinghouse Participation, and FMCSA Workshop Participation (ITD/PRISM Workshops, FMCSA System Modernization, etc.)

Maryland Department of Transportation/State Hwy Admin

Awarded Amount: \$1,110,166.00

Project Description: The purpose of this award to Maryland Dept of Transportation/State Highway Administration for the Work Zone Safety project is to assist with improved productivity and efficiency as enforcement efforts are increasingly focused on at-risk carriers, improvement of carrier safety performance and accountability because of higher compliance rates and continued research and deployment assistance as well as technical management and regional coordination to better automate commercial vehicle screening.

Project 1 Description: The objective is to showcase new technology from Kistler KiTraffic (or others with similar form and function, if offered) at this location, using digital piezo sensors that are currently in low-speed testing trials at a FL DOT location in Florida. Initial data from these sensors appears to be very encouraging, with gross accuracy at approx. +/- 2.5%, much better than ASTM 1318 for Type III WIMs. These sensors also double as tire anomaly systems to detect under- and overinflated tires.

Project 2 Description: The objective is to concentrate on research, education, deployment, and operational readiness assistance as required by the Maryland Department of Transportation State Highway Administration's (MDOT SHA) Motor Carrier Division. The Maryland One program will continue to be expanded to statewide use, including the addition of intelligent routing and integration with CVIEW.

Project 3 Description: The performance goal and objective of this pilot project is to test the feasibility of using the Accelerometer, Hawkscan and Falcon bridge strike technologies to capture these incidents as they occur in real-time. This pilot would result in testing the sensor and camera systems data within a geographic information systems (GIS) layer and database which would be displayed through a dashboard.

Maine Department of Public Safety, Maine State Police

Awarded Amount: \$536,900.00

Project Description: The purpose of this award to Maine Department of Public Safety, Maine State Police is to implement e-screening at the Pittsfield Weigh Station project, which will aid in gaining inspection bypass for compliant carriers resulting in time savings and improved operational efficiency and better customer service to safe and legal carriers and drivers

The objective is to implement e-Screening at the Pittsfield Weigh Station. The goal is to enable Pittsfield with Smart Roadside technologies to provide Troop K operations from geographical and strategic points of view. The Smart Roadside assistance will include both License Plate Readers (LPR) and DOT readers, double WIM sets, inground scale, and the latest in flat-tire detection. Adding these readers is a critical step for the site as it is in the most rural of areas with a large amount of both Canadian and US wood haulers.

State of Montana, Department of Transportation

Awarded Amount: \$1,000,000.00

Project Description: The purpose of this award to the State of Montana, DOT is to implement Electronic Transportation Routing and Inter/Intrastate Permitting System (eTRIPS) that will benefit the motor carrier industry by improving CMV efficiency.

The project objective is to obtain and implement the best long-term, innovative solution for a Commercial Motor Vehicle Permitting system utilizing the most efficient and effective technological considerations for workflow interactions between MDT, the commercial motor carriers, and, as applicable, their third-party providers.

NC Depart of Public Safety / NC State Highway Patrol

Awarded Amount: \$1,995,000.00

Project Description: The purpose of this award to North Carolina Department of Public Safety Patrol is to upgrade Halifax Northbound Weigh Station on I-95, Institute for Transportation Research and Education (ITRE) Technical and Administrative Support for ITD Projects, Maintenance Contract Variable Traffic Message Signs and the Weigh Station Data Modernization Projects that will benefit the Motor Carrier industry.

Project 1 Description: The performance objective of this project is to expand ITD system capabilities by installing a mainline WIM, LPR, USDOT Reader, a tire monitoring system and message sign at the Halifax weigh station on I 95. Upgrading the Halifax weigh station will improve CMV safety and enhance the productivity of CMVs and commercial drivers.

Project 2: Description: The goal is to include ITRE in NC's grant is to provide technical and administrative support to the ITD program manager. Under a contract agreement, ITRE will provide program and technical support functions to keep the ITD program on-track and moving forward. The performance objective of this project is to meet the growing needs of NC's data-intensive ITD program.

Project 3 Description: The project will involve the purchase of a maintenance contract to provide remote connectivity for the variable traffic message signs. The purchase of this maintenance contract for connectivity will ensure that the message signs from previous grants will remain operational and effective. This will improve the effectiveness of the message sign program. With this connectivity the locations of all connected message signs are displayed on an intuitive map interface. The maintenance contract for connectivity is 4 years.

Project 4 Description: The objective of this project is to modernize NC's weigh station data formats, sources, locations, data capturing methods, and workflow to enable better utilization of these data for more effective planning. The overall goal is to create a data warehouse managed by ITRE to allow for easy consumption through commonly accessible dashboards that provide single consolidated views of all e-screening data. These dashboards will improve CVE's capabilities for effective planning and utilization of e-screening tools, as well as provide streamlined reporting capabilities. This is a 3-year contract.

NC Depart of Public Safety / NC State Highway

Awarded Amount: \$1,200,000.00

Project Description: The purpose of this award to NC Department of Public Safety / NC State Highway is to upgrade Halifax Southbound Weigh Station on I-95 project, which will benefit the Motor Carrier industry by permitting motor carriers that are recognized as being safe and compliant to bypass weigh stations, reducing travel time, emissions (idling), and fuel costs.

Project 1 Description: The performance objective of this project is to expand ITD system capabilities by installing a mainline WIM, LPR, USDOT Reader, a tire monitoring system, and message sign at the Halifax weigh station southbound on I-95. Upgrading the Halifax weigh station will improve CMV safety and enhance the productivity of CMVs and commercial drivers.

Project 2 Description: This project objective is to use Bridge Weigh Motion System and ALPR to screen CMV for Federal OOS orders, credentialing violations, and other identification of vehicles with deficient safety records and those operating OOS.

New Hampshire Department of Safety

Awarded Amount: \$297,232.00

Project Description: The purpose of this award to New Hampshire Department of Safety is to develop an expanded ITD PP/TLD to enable NH to develop an approved PP/TLD, which is necessary for any expanded ITD projects. The PP/TLD should be updated every 5 years.

Project 1 Description: The objective is to update the PP/TLD to an expanded PP/TLD.

New Mexico Department of Public Safety

Award Amount: \$421,204.00

Project Description: The purpose of this award to New Mexico Department of Public Safety is to enhance the Portable Weigh in Motion Scales system, which will benefit the Motor Carrier industry by enabling efficient movement of commerce through the State and an early detection of tire and wheel failures. This technology will inevitably save the lives of CMV drivers and the motoring public.

Project 1 Description: This proposed project will expand and enhance core capabilities by implementing an automated tire pressure system (ATPS) at the NM Anthony Port of Entry (POE). The ATPS has the ability to automatically screen and detect flat, low, and overinflated tires on passing CMVs without the need for human intervention. The ATPS will seamlessly integrate with current Smart Roadside Information System (SRIS) and can detect up to five times as many defects as a flat tire detection system.

Project 2 Description: This proposed project will expand and enhance core capabilities by implementing an automated tire pressure system (ATPS) at the San Jon location. The ATPS automatically screen and detect flat, low, and overinflated tires on passing CMVs without the need for human intervention. The ATPS will seamlessly integrate with current Smart Roadside Information System (SRIS) and can detect up to five times as many defects as a flat-tire detection system.

Project 3 Description: This proposed project will expand and enhance core capabilities by implementing an automated tire pressure system (ATPS) at the Lordsburg Port of Entry (POE). The ATPS automatically screen and detect flat, low, and overinflated tires on passing CMVs without the need for human intervention. The ATPS will seamlessly integrate with current Smart Roadside Information System (SRIS) and can detect up to five times as many defects as a flat-tire detection system.

New Mexico Department of Public Safety

Award Amount: \$668,899.00

Project Description: The purpose of this award to New Mexico Department of Public Safety is to implement Automated Tire Pressure Screening at Raton Port of Entry (POE) and Work Zone and Congestion Notification projects, which will benefit the Motor Carrier industry by increasing efficient movement of commerce through the State and an early detection of tire and wheel failures. This technology will inevitably save the lives of CMV drivers and the motoring public. Implement traveler Information Alerts, which allow agencies to determine when and where truck drivers are notified of important information that may impact their travel time. Driver Response Behavior Insights allow agencies to make the adjustments needed to have maximum impact on reducing truck drivers' travel time and accidents.

Project 1 Description: This proposed project will expand and enhance core capabilities by implementing an automated tire pressure system (ATPS) at Raton POE. The ATPS will seamlessly integrate with the state's current Smart Roadside Information System (SRIS) and can detect up to five times as many defects as a flat-tire detection system.

Project 2 Description: New Mexico Department of Public Safety will use Electronic Logging Devices (ELDs) to deliver critical safety information to truck drivers with in-cab alerts in advance of congestion-based sudden slowdowns and work zones. This project will reduce truck crashes and address the HP-ITD National Priority by delivering a work zone, incident, and traffic queue electronic notification system that will inform the driver within the cab of the CMV of an active work zone, traffic congestion, or incident ahead. This will include the sharing of real-time traffic data from the New Mexico Department of Transportation to a roadway traffic advisory system dedicated to commercial motor vehicles.

New York State Department of Transportation

Award Amount: \$1,384,233.00

Project Description: The purpose of this award to the New York State Department of Transportation is to implement e-screening site at the Preble New York site on I-81 northbound, Mobile Deployments and the Champlain Enhancements projects, which will benefit the Motor Carrier industry because such deployments level the playing field within the freight industry by targeting those vehicles and carriers that operate not in compliance. Significant industry resource savings may be realized (time, fuel, etc.) by allowing compliant commercial vehicles to bypass inspection details.

Project 1 Description: To better monitor trucks and reduce crash volume, NYS is proposing an e-screening site at Preble, New York on I-81 northbound. The proposed site will collect data from a weigh in motion screening system, automated license plate readers, and tire anomaly detection, allowing NYS DOT inspectors and State Police to make informed decisions about what trucks are most at risk and need to have inspections performed.

Project 2 Description: New York State is proposing mobile deployments of e-screening equipped trucks (4 trucks) and an e-screening equipped deployable trailer (1 trailer) to the NY Metro. This includes a Smart Roadside Mobile Trailer (SRMT) equipped with Image-based Identification System: Automated License Plate Reader – (ALPR) and Automated USDOT Reader/Hazmat Placard Reader – (AUR). The system will generate vehicle records, which will screen trucks based on identification against State and Federal databases including registration, fuel and use tax, and out-of-service status.

Project 3 Description: New York State will deploy enhancements to the Champlain I-87 South bound e-screening site. The proposed site enhancements will be utilized to collect data from a rear-facing (trailer scanning) automated license plate reader, an automatic USDOT number reader, and an automatic CVSA decal reader, allowing NYS DOT inspectors and State Police to make informed decisions about what trucks and trailers are most at risk and need to have inspections performed.

Public Utilities Commission of Ohio

Award Amount: \$1,720,000.00

Project Description: The purpose of this award to Public Utilities Commission of Ohio is the Smart Roadside Inspection System/Thermal Imaging System Mobile Vans project, which will benefit the Motor Carrier industry by increasing the number of inspections conducted and in a timely manner. In addition, the inspection process would be quicker and identify problems that could not necessarily be seen otherwise. The result would be increased safety and decreased time for inspections.

Oklahoma Department of Transportation

Awarded Amount: \$22,222.00

Project Description: The purpose of this award to the Oklahoma Department of Transportation is the ITD Program Support project, which will benefit the Motor Carrier industry by enabling ITD-related travel, an essential program activity, to ensure ongoing information exchange between the State, FMCSA, and other States, which supports safety programs within and across States and the nation.

Project 1 Description: The objectives include contractual costs for technology vendor (IRD) engineering services in support of OCR E-screening system design, including engineering / design required to accommodate mainline and ramp WIM; LPR, USDOT and overview cameras; related VMS signage / messaging boards for signaling drivers to pull in or bypass the weigh station and to route drivers through the station once on the ramp; communications systems, etc.

Project 2 Description: This FY 2023 project provides funding to initiate design and development of the new oversize or overweight (OS / OW) replacement system (or new modules, depending upon the outcome of the requirements analysis). Initiate design and development of a replacement OS/OW permitting system to fully replicate the functionality of the existing system, including automated permit application, routing, issuance and payment, at a lower annual operating cost and with potential for use and operational support by multiple states.

Project 3 Description: ITD-related travel opportunities for State ITD Team members; State travel to ITD workshops and other ITD-related meetings, and visits to ITD deployment sites in other States.

South Dakota Department of Transportation

Amount Awarded: \$2,000,000.00

Project Description: The purpose of this award to the South Dakota Department of Transportation is the I-90 Mitchell EScreening System project, which will benefit the motor carrier industry by allowing compliant carriers to bypass weigh station thereby saving them costs associated with fuel and driver time that otherwise would have been expended and increasing motor vehicle safety.

This project will deploy electronic screening at a new weight and inspection station to be constructed on eastbound Interstate 90 east of Mitchell, South Dakota. The electronic screening system will include: Automatic vehicle identification by transponder and license plate reader, Mainline weigh-in-motion, Mainline over-height detection, Mainline tire anomaly classification sensors and a live link to DriveWyze e-screening.

Utah Department of Transportation Motor Carrier

Award Amount: \$1,349,591.00

Project Description: The purpose of this award to the Utah Department of Transportation Motor Carrier Division is the OS/OW Routing Base Map Updates & Automated Load Rating Integration project, which will benefit the Motor Carrier industry by enabling automated routing functions that interface with new permitting system to allow for rapid routing of certain load configurations, reduced waiting time for permits, alternate routing tools for trip planning and web-based interface for planning routes and printing maps.

The OS/OW Routing Base Map Updates and Automated Load Rating Integration project will update the GIS base map utilized for routing OS/OW loads in Utah while integrating automated structure load rating into Utah's Route Planner system to successfully and efficiently route permits on Utah's roads. The GIS base map, along with load rating data is used to route OS/OW truck loads over 5,871 miles of roadway, and across 3,058 structures.

Utah Department of Transportation Motor Carrier

Award Amount: \$1,183,930.00

Project Description: The purpose of this award to the State of Utah Department of Transportation (UDOT) Motor Carrier Division (MCD) is the Utah Motor Carrier Permitting System Upgrades and the Port of Entry Operations Sorting Improvements projects, which will benefit the Motor Carrier industry by enabling opportunities for carriers to become aware of unsafe operations through automated messaging and dashboard, Increased efficiency for drivers within the port of entry, accessible payment options for items such as UCR fees and permits and electronic notification to motor carrier operations for items such as inspections and permit verifications.

Project 1 Description: The Utah Motor Carrier Permitting System Upgrades project is part of the Motor Carrier System Upgrade that has been taking place during the past few years. With the main Motor Carrier Online System (MCOLS) is being upgraded, they have encountered difficulties, due to the age of the system, within their automated permitting system that must be addressed to ensure that motor carriers are able to effectively, and efficiently continue to conduct business with the Motor Carrier Division.

Project 2 Description: The purpose is to upgrade and enhance the quality of POE technologies to better identify out-of-service carriers and unsafe vehicles, and to keep qualified carriers in transit. Utah is in the midst of a multi-year port upgrade program geared toward modernizing all of the port facilities within the State. In addition, several tools are being added and/or moved in order to address specific traffic corridor concerns.

Commonwealth of Virginia, Department of Motor Vehicles

Awarded Amount: \$1,594,000.00

Project Description: The purpose of this award to the Commonwealth of Virginia,

Department of Motor Vehicles is the WIM Installation – Dahlgren Motor Carrier Service Center (MCSC), WIM Installation – New Church MCSC and the WIM Installation – Route 60 Turnout Location project, which will benefit the Motor Carrier industry by keeping all commercial vehicles from having to stop and be weighed at static scale, removing vehicles that damage highways by carrying overweight loads, promoting a safer highway environment for other motor carriers and ensuring that all motor carriers are in compliance with the same requirements.

Project 1 Description: The overall goal of this project is to allow Virginia to expand existing electronic screening capabilities through the installation of WIM technology at Dahlgren Motor Carrier Service Center (weigh station), as well as continue maintenance fees on existing WIM systems. The WIMs are an essential part of Virginia’s goals to promote carrier safety, ensure compliance with vehicle weight limits, and keep overweight carriers off the highways.

Project 2 Description: The overall goal of this project is to allow Virginia to expand existing electronic screening capabilities through the installation of WIM technology at New Church Motor Carrier Service Center (weigh station), as well as continue maintenance fees on existing WIM systems. The WIMs are an essential part of Virginia’s goals to promote carrier safety, ensure compliance with vehicle weight limits, and keep overweight carriers off the highways.

Project 3 Description: The overall goal of this project is to allow Virginia to expand existing electronic screening capabilities through the installation of WIM technology at Route 60 turnout location. The WIMs are an essential part of Virginia’s goals to promote carrier safety, ensure compliance with vehicle weight limits, and keep overweight carriers off the highways.

State of Vermont Agency of Transportation

Award Amount: \$2,000,000.00

Project Description: The purpose of this award to the State of Vermont Agency of Transportation is for the Vermont Commercial Vehicle E-Permitting project, which will benefit the Motor Carrier industry by reducing labor costs by waiting for permit issuance, reducing turnaround time for most permits and providing the ability to purchase a permit anytime (not just DMV business hours).

Vermont Agency of Transportation - DMV

Award Amount: \$840,000.00

Project Description: The purpose of this award to Vermont Agency of Transportation - DMV is the Tire Pressure Anomaly System project, which will benefit the motor carrier industry by enabling improved safety and compliance, tire longevity by intervention with

underinflated tire before they go flat—reducing cost of tires and roadside repair and better enforcement screening capabilities.

The objective is to purchase and install a tire pressure anomaly system capable of detecting tire pressure anomalies in commercial vehicles as they travel across the sensors at inspection station ramp speed or main line speed. The system will transmit a photographic image of the power unit along with the location of the tire on the vehicle with the pressure anomaly. The unit will also be capable of reading the USDOT number marked on the commercial vehicle and transmit a response with carrier information to a logged in user.

Washington State Department of Transportation

Award Amount: \$713,207.00

Project Description: The purpose of this award to the Washington State Department of Transportation is the Support Technician project, which will benefit the Motor Carrier industry by helping law enforcement focus resources on high-risk carriers and supporting the electronic screening system to maintain safe, free-flowing traffic and reduce the risk of collisions by having fewer vehicles pulling in and out of weigh stations.

West Virginia Division of Motor Vehicles

Award Amount: \$336,000.00

Project Description: The purpose of this award to the West Virginia (WV) Division of Motor Vehicles (DMV) is the Maintenance of Effort for CVIEW and the IRP System Maintenance projects, which will benefit the Motor Carrier industry by enabling expanded capability of the State's CVIEW, which is required for core ITD compliance, continued improvement of the quality of data used within the CVO network (i.e., accuracy, timelines, and security of the data.), leveling of the playing field for safe and legal carriers, cost savings due to faster inspections and the development of the modernized systems with full integration will allow for more transparency in the application and credentialing process for the industry.

Project 1 Description: The goal of this project is to expand the State's CVIEW functionality through ongoing maintenance of effort and enhanced network connectivity efforts to ensure CVIEW availability. The objective of this project is to provide Federal funding for the reimbursement of WV Public Service Commission (PSC) for use of their connection to CVIEW. The WV DMV intends to reimburse WV PSC the prorated amount of the quarterly invoices for the maintenance of communications necessary to allow data transfer from the CVIEW to SAFER through the current connectivity method.

Project 2 Description: The goal of this project is to pay the necessary maintenance fees to the vendor to ensure that the system remains working at its optimal efficacy. The objective of this project is to use Federal funding to reimburse WV DMV the amount spent on annual

maintenance fees for the IRP system for electronic credentialing. Electronic credentialing is required to maintain ITD Core Compliance, and maintaining compliance is the objective of this project. WV DMV pays annual maintenance fees to the vendor to cover constant system updates, routine maintenance to the system, and tech support when an unforeseen issue occurs.

Project 3 Description: This project will expand West Virginia's w-Screening capabilities by installing automated USDOT reader, Automated License Plate Reader (ALPR), overview cameras, thermal imaging technology, WIM, and Automated Tire Pressure Screening (ATPS) at a fixed screening site on I-64 westbound near Mile Marker 39, West Virginia in Putnam County. This will include support and maintenance services for both the westbound and eastbound sites for 5 years.

Wyoming DOT-Highway Patrol

Award Amount: \$160,000.00

Project Description: The purpose of this award to the Wyoming Department of Transportation-Highway Patrol is the Update the Expanded Top-Level Design/Program Plan project, which will benefit the Motor Carrier industry by providing Wyoming the opportunity to apply for additional grant funding, which would include various projects that would support safety, infrastructure, innovation, and accountability.