

2020

Pipeline and Hazmat Safety Grants

**PIPELINE AND HAZARDOUS
MATERIALS SAFETY
ADMINISTRATION (PHMSA)**

FY 2020



PHMSA Grants Overview

The U.S. Department of Transportation's Pipeline and Hazardous Materials Safety Administration (PHMSA) announced a combined total of over \$97 million in awards for ten separate pipeline safety and hazardous materials safety grant programs. The grants will be awarded to states, local communities, tribal entities, territories, universities, emergency responders, and non-profit organizations to support various safety programs at the state and local levels. **The awards include:**

- \$61 million in Pipeline Safety State Base grants
- \$5.4 million in Underground Natural Gas Storage grants
- \$1.25 million in State Damage Prevention grants
- \$1.05 million in Pipeline Safety One Call grants
- \$2 million in Pipeline Safety Competitive Academic Agreement Program awards
- \$1.2 million in Pipeline Safety Technical Assistance grants
- \$20 million in Hazardous Materials Emergency Preparedness grant
- \$3.4 million in Hazardous Materials Instructor Training grants
- \$941 thousand in Supplemental Public Sector Training grants
- \$750 thousand in Community Safety grants

The grants will be awarded to states, local communities, Tribal entities, and non-profit organizations to support state pipeline and hazardous materials safety programs. Grantees will use awarded funds to train first responders; educate the public on local safety initiatives, including pipeline damage prevention; and develop community incident response plans.

PHMSA provides comprehensive grant programs that are designed to improve damage prevention, develop new technologies, improve both hazmat and pipeline safety. Additionally, both the pipeline safety and hazmat safety grant programs has helped to foster partnerships with local communities, and universities to promote pipeline awareness campaigns, provide resources for emergency preparedness, development of pipeline resources and information, and the implementation of best practices regarding pipeline and hazmat safety nationwide.

A detailed listing of grant recipients and award information is included below. For more information on PHMSA's grant programs, visit: www.phmsa.dot.gov.

State Base and Underground Storage Grants

PHMSA is awarding \$60,935,970 in State Pipeline Safety Base Programs and \$5,482,390 in Underground Natural Gas Storage Grants to support state operating costs for inspecting and enforcing pipeline safety regulations for natural gas and hazardous liquid pipelines and underground natural gas storage facilities. Pipeline Safety State Base and Underground Natural Gas Storage Grants are part of PHMSA’s effort to strengthen and retain the Federal/State pipeline safety partnership that has existed for many years to improve safety and reduce risk involved with pipeline transportation.

PHMSA’s State Pipeline Safety Base and Underground Natural Gas Storage grant programs provide a reimbursement of up to 80 percent of operating costs for state programs charged with inspecting intrastate transmission and distribution pipelines that transport natural gas, crude oil, and other energy products within state boundaries. The grants will enable PHMSA to build on its existing partnership with states to enforce pipeline safety regulations by funding the personnel and equipment needed to carry out inspections, conduct enforcement, and add a strong local presence in areas where these facilities are located. The States of Alaska and Hawaii do not participate in the State Pipeline Safety Base Programs and do not receive grant funding. The State of South Carolina and the Arkansas Oil and Gas Commission participate in the Program, but do not accept pipeline safety funding.

Pipeline Safety State Base Grant Recipients and Award Amounts:

State Base Grant Program	
State	Total Grant Award
ALABAMA	\$965,426
ARIZONA	\$1,064,421
ARKANSAS	\$539,365
CALIFORNIA_PUC	\$5,270,670
COLORADO	\$542,119
CONNECTICUT	\$1,008,069
DELAWARE	\$178,055
FLORIDA PSC	\$569,833
GEORGIA	\$1,138,265
IDAHO	\$245,580
ILLINOIS	\$1,835,448
INDIANA	\$1,031,711
IOWA	\$754,814
KANSAS	\$373,259
KENTUCKY	\$782,866
LOUISIANA	\$1,857,158
MAINE	\$346,005
MARYLAND	\$593,545

MASSACHUSETTS	\$2,548,285
MICHIGAN	\$1,657,588
MINNESOTA	\$1,661,657
MISSISSIPPI	\$451,105
MISSOURI	\$575,638
MONTANA	\$168,044
NEBRASKA	\$272,296
NEVADA	\$571,330
NEW HAMPSHIRE	\$465,705
NEW JERSEY	\$812,793
NEW MEXICO	\$826,863
NEW YORK	\$4,138,895
NORTH CAROLINA	\$723,806
NORTH DAKOTA	\$203,217
OHIO	\$1,185,313
OKLAHOMA	\$1,276,749
OREGON	\$568,556
PENNSYLVANIA	\$1,802,888
PUERTO RICO	\$151,841
RHODE ISLAND	\$145,167
SOUTH DAKOTA	\$229,265
TENNESSEE	\$695,154
TEXAS	\$6,761,327
UTAH	\$333,951
VERMONT	\$179,409
VIRGINIA	\$1,309,112
WASHINGTON	\$1,436,136
WASHINGTON DC	\$462,100
WEST VIRGINIA	\$559,089
WISCONSIN	\$713,536
WYOMING	\$187,458
NG Subtotals	\$52,170,831

Hazardous Liquid Grant Program	
State	Total Grant Award
ALABAMA HL	\$29,859
ARIZONA HL	\$56,022
CALIFORNIA_SFM HL	\$3,938,520
INDIANA HL	\$5,574
LOUISIANA HL	\$318,360
MARYLAND HL	\$29,231
MINNESOTA HL	\$314,110
NEW MEXICO HL	\$68,133
NEW YORK HL	\$121,328
OKLAHOMA HL	\$270,944

PENNSYLVANIA HL	\$261,044
TEXAS HL	\$3,109,630
VIRGINIA HL	\$89,230
WASHINGTON HL	\$135,675
WEST VIRGINIA HL	\$17,519
HL Subtotals	\$8,765,139
Total Natural Gas/Liquid	\$60,935,970

Underground Natural Gas Storage Grant Recipients and Award Amounts:

Underground Natural Gas Storage Program	Grant Award
Alabama Oil and Gas Board	\$29,203
California Department of Conservation	\$3,813,063
Illinois Department of Natural Resources	\$762,907
Indiana Department of Natural Resources	\$643,408
Louisiana Department of Natural Resources	\$40,376
Minnesota Office of Pipeline Safety	\$21,983
Montana Public Service Commission	\$12,361
Oklahoma Corporation Commission	\$80,205
Oregon Public Utilities Commission	\$49,395
Pennsylvania Public Utility Commission	\$29,489
Arkansas Oil and Gas Conservation Commission	<i>Participants did not apply for grant.</i>
Kansas Corporation Commission	
Total	\$5,482,390

State Damage Prevention Grants

PHMSA is awarding \$1,258,351 (combined) in State Damage Prevention (SDP) Grants to support 14 projects in 14 states. PHMSA SDP grants are designed to not only establish comprehensive State programs to prevent excavation damage to underground pipeline facilities in States that lack these programs, but also to improve damage prevention programs in States where these programs already exist. Effective, efficient SDP programs are essential to protecting the Nation's pipeline transportation system and for improving public safety. SDP's encourage States to incorporate the [nine elements](#) associated with effectively preventing damage to underground utilities.

State Agency/Applicant	Application Summary	Grant Award
Arizona Corporation Commission	The funds will be used to pay salary and associated expenses for one full-time position to enforce the existing Underground Facilities Law. This person will monitor excavation activities, conduct follow-up inspections of complaints, investigate incidents, and issue notices of violations as required.	\$99,836
Colorado Division of Oil and Public Safety	The funds will be used to cover the cost of the license and Spanish translation service for a Learning Management System that will host and deliver online stakeholder education courses. The online courses will focus on topics that the Safety Commission has encountered in complaint hearings and will be offered to parties found to be in violation of the Excavation Requirements Law during future complaint hearings.	\$45,000
Idaho Division of Building Safety	The funds will be used to support a damage prevention trainer and an administrative support employee, who will manage the training calendar and provide clerical and IT support for the trainer. The funds will also be used to update video content and provide a more user-friendly interface for training.	\$100,000
Kansas Corporation Commission	The funds will be used to pay personnel and related costs for one full-time employee dedicated to damage prevention inspections and enforcement for the Wichita metropolitan area. The enforcement strategy includes compliance actions for violations, including the recommendation of civil penalties, and an educational component to foster communications among all parties.	\$100,000
Minnesota Office of Pipeline Safety	The funds will be used to pay personnel and related costs for staff activities focused on enforcement, education, training, communication, support, analysis, partnership, and mediation which are associated with MNOPS' Damage Prevention program.	\$100,000

Missouri Office of the Attorney General	The funds will be used to hire a full-time attorney and legal assistant, both dedicated to the enforcement of the Missouri State Damage Prevention law. The funding will allow for streamlining of the enforcement process into two centralized positions, which will improve efficiency, quality, consistency, institutional knowledge and ability to investigate and enforce for every violation, and will also provide the opportunity to improve educational programs and other long-term Statewide initiatives.	\$100,000
Kentucky Public Service Commission	The funds will be used to cover salary and benefit expenses for one damage prevention investigator. The investigator's responsibilities will include: 1) Monitoring the Commission's Damage Reporting System for damages reported by jurisdictional operators; 2) Confirming information and data received; 3) Confirming violating party provided by the operator; 4) Contacting the alleged violating party to discuss the alleged violation; 5) Entering relevant information into the Commission's Inspection Reporting System; 6) Determining if a violation of any provision of KRS 367 occurred and forwarding to supervisor for review; and, 7) Preparing the associated enforcement document and transmitting it to the violating party.	\$100,000
Louisiana Department of Natural Resources	The funds will be used to cover the staff engineer and division director's personnel and related costs for their work in damage prevention. The engineer's duties include reviewing reports and complaints and conducting inspections. The director's duties include oversight of the damage prevention program, reviewing all correspondence and conducting Show Cause Hearings.	\$100,000
Michigan Public Service Commission	The funds will be used to host 60 workshops designed to teach the State Safe Excavation Practices program to professional excavators, to teach safety and best practices at job sites and stakeholder facilities, and to engage local municipalities by providing educational brochures for distribution to the public.	\$82,958
Nebraska State Fire Marshal	The funds will be used to support the following identified initiatives for Nebraska damage prevention: 1) The development and implementation of the 11th Annual Excavation Safety Summit. The focus of this summit will be educational workshops for the excavating community, utility operators and underground utility locators, providing industry specific information, education of the CGA Best Practices, and hands-on learning. 2) Outreach to homeowners and property owners in Nebraska through promotional handouts, billboards, radio, TV, online advertising, and direct mailings. 3) Communications between stakeholders will be facilitated through a White Flag project focused on educating excavators about the importance of white-lining and	\$99,555

	improved efficiency in locating by use of white flags.	
New Mexico State Public Regulation Commission	The funds will be used to cover personnel costs associated with staff-conducted Statewide training, estimated at a minimum of 36 four-hour classes. The funds will also be used for staff time spent as facilitators to resolve issues relating to the State damage prevention law, and/or damage to underground facilities, and conducting field investigations to determine root causes and spot checking construction projects to proactively prevent excavation damage.	\$100,000
Tennessee Public Utility Commission	The funds will be used to pay the salary and benefits of a Tennessee Public Utility Commission full-time staff member, solely for work related to alleged violations of the Tennessee Underground Utility Damage Prevention Act (Act). Duties include investigating alleged violations and providing enforcement support to the Executive Committee, which is the decision-making body for the State enforcement program.	\$83,502
Iowa Utilities Board	The funds will be used to cover personnel and related costs for Iowa Utilities Board staff to support the Iowa Attorney General's enforcement of the State law by monitoring excavation damages, conducting inspections, participating in stakeholder meetings (to include pipeline operator meetings), conducting and analyzing surveys, and updating websites.	\$100,000
Mississippi Public Service Commission	The funds will be used to evaluate natural gas distribution companies' internal performance measures to better understand root causes of damages. Funding will also be used for a media campaign to advise stakeholders of new enforcement provisions in the State law. Funding is also proposed for building a GIS that consists of street centerlines, cadastral boundaries, and point addresses.	\$47,500
Total		\$1,258,351

One Call Grants

PHMSA is awarding a total of \$1,058,001 in FY 2020 One-Call Grants to support 39 projects in 26 states. The grants enhance public safety, protect the environment, minimize risks to excavators, and prevent disruption of vital public services by reducing the incidence of excavation damage to underground facilities. States meeting the requirements of 49 U.S.C.

6104(b) are eligible to apply for One-Call Grant funding on an annual basis. The Pipeline Inspection, Protection, Enforcement, and Safety Act of 2006, (Public Law 109-468) created a requirement for States to answer eight eligibility questions demonstrating their compliance with the requirements of the damage prevention program to receive the grant award.

Projects supported by One-Call Grants are prioritized and aligned with 49 U.S.C. 6106(a) goals for improving state damage prevention programs. Goals of the program are to improve: 1) the overall quality and effectiveness of One-Call notification systems in the state; 2) communications systems linking One-Call notification systems; 3) location capabilities, including training personnel and developing and using location technology; 4) record retention and recording capabilities for One-Call notification systems; 5) public information and education; 6) participation in One-Call notification systems; and 7) compliance and enforcement under the state one-call notification program.

State Agency/Applicant	Project Description	Grant Amount
Connecticut Department of Energy and Environmental Protection	Grant funding is requested to continue the state One Call law damage prevention enforcement program and will be used to investigate and review damages to underground facilities and to prosecute violators of the One Call damage prevention program. One engineer will spend approximately 30 percent of his time enforcing the One Call damage prevention program. Another engineer will spend 100 percent of his time enforcing the One Call damage prevention program. The costs for this program are salaries, fringe benefits, and associated indirect costs for the two above-mentioned engineers. Grant funding will also be used to perform a detailed analysis of One Call center statistics, compliance statistics and frequency, cause and consequence analyses, and will include the submission of state-collected excavation damage data to the Common Ground Alliance’s Damage Information Reporting Tool (DIRT).	\$46,738
Delaware Public Service Commission	Grant funding is requested to continue radio ads and website banners to address the issue of excavators hitting marked lines. The grant recipient plans to expand the target audience for the website banners over the summer months to additional areas where there are known high volumes of construction taking place. The audience for website banners this year will be enhanced by specifically targeting professional excavators working in specific areas of known growth.	\$7,321
Idaho Public Utilities Commission	Grant funding is requested to continue funding a part-time enforcement specialist position to support and enhance the Idaho Damage Prevention Board’s mission. The Enforcement Specialist will investigate, determine violations, and enforce	\$44,362

	<p>compliance of Idaho Code Title 55, Chapter 22, Sections 55-2201– 55-2212. This position will serve as the compliance arm of the Idaho Damage Prevention Board and will research laws and regulations to ensure compliance. This position will serve as the technical program expert to find resolutions and to ensure compliance with associated state and federal regulations. This position will also develop and disseminate educational programming designed to improve worker and public safety relating to excavation and underground facilities and monitor the Virtual Damage Information Reporting Tool (DIRT) activities.</p>	
Illinois Commerce Commission	<p>Grant funding is requested to assist with the priority 1 project of Compliance Enforcement – Cost of Enforcement and/or Complaint Investigations. The grant will be used to pay the salary and benefits expenses of the program manager and two full-time investigators, as well as indirect costs. Enforcement staff will focus efforts on locating compliance as the state's primary contract locator US Infrastructure Company continuously fails to hire and retain an adequate level of staff.</p>	\$46,738
Indiana Utility Regulatory Commission (IURC)	<p>Grant funding is requested to help pay for internal IURC labor costs incurred to enforce Indiana's One Call law. These costs consist of: Time spent by PSD personnel investigating alleged damages; other IURC labor costs associated with providing support and advice to the UPPAC, Pipeline Safety Division, and the IURC Commissioners; administering the PSD excavation damage database and coordinating the various mailings and responses required to complete the damage investigation process; and analysis and reporting of any statistical trends regarding One Call enforcement data.</p>	\$46,738
Iowa Utilities Board (Project 1 of 3)	<p>The project is to fund legal costs of Iowa Attorney General (IAG) to investigate and prosecute underground damage complaints. The IAG and IUB maintain their cooperation in a Memorandum of Understanding. To meet these One Call goals, the IUB completes the investigations and the IAG's office, at its discretion, enforces Iowa One Call laws based on the summaries of investigation provided to the IAG's office.</p>	\$11,685
Iowa Utilities Board (Project 2 of 3)	<p>This funding will be used to reimburse the Iowa Utilities Board for its actual expenses incurred both preparing for and processing One Call complaint investigations. Iowa Utilities Board staff will investigate complaints issued to the Attorney General's office and the Iowa Utilities Board's online complaint form and Board notification of damage involving an underground facility. Funds will be used for personnel costs for Iowa Utilities Board staff, who contact all parties involved in complaints, summarize the findings, and forward the information to the Attorney General's office for enforcement.</p>	\$31,938
Iowa Utilities Board (Project 3 of 3)	<p>Over the past few years, the IUB has distributed educational items purchased under this grant for damage prevention</p>	\$2,338

	<p>awareness campaigns and 811 awareness campaigns. Educational items, including USB car chargers, USB keychain chargers with the Call 811 logo, and hardhat stickers were purchased and distributed in conjunction with various meetings with Iowa One Call, industry, contractors, and locators to encourage damage prevention discussions.</p>	
Kansas Corporation Commission	<p>The requested funds for this project would continue to provide salary and a portion of benefits for a full-time position with the Kansas Corporation Commission as an Underground Utility Damage Investigator. This position would continue to be based in the Kansas City metro area and is responsible for enforcing the compliance of the Kansas Underground Utility Damage Prevention Act and 49 C.F.R. 192.614.</p>	\$46,738
Kentucky Public Service Commission	<p>Grant funding is requested to continue to partially fund one employee to ensure compliance/ enforcement with the Kentucky Underground Facility Damage Prevention Act, regarding both operators and excavators. All cost incurred will be in relation to salary, fringe and indirect cost associated with the one position.</p>	\$46,738
Louisiana Department of Natural Resources	<p>Grant funds requested to pay salaries and benefits of two field agents whose primary responsibilities are damage prevention activities. While these responsibilities also include 192/195 inspections, grant will only be used to pay salaries and benefits for days that are spent in the field conducting onsite investigations pursuant to the "Louisiana Underground Utilities and Facilities Damage Prevention Law".</p>	\$46,738
Maine Public Utilities Commission	<p>Grant funding is requested for partial funding for two Damage Prevention Investigator positions. These positions enhanced the Maine Public Utilities Commission's ability to effectively, consistently, and fairly enforce their damage prevention law. These positions also allowed for better utilization of program personnel to perform training and education outreach and to maintain the statistical data and performance metrics for the damage prevention program.</p>	\$46,738
Michigan Public Service Commission	<p>Grant funding is requested to partially fund the costs of the damage prevention enforcement position. The full-time damage prevention enforcement staff member is responsible for statewide enforcement of Public Act 174, which was passed in 2013. The staff member's responsibilities include preparing documents for enforcement, meeting with excavators and operators regarding violations as requested, and providing testimony or support for enforcement proceedings, if necessary.</p>	\$46,738
Minnesota Office of Pipeline Safety (Project 1 of 2)	<p>Grant funding is requested for activities directly associated with investigation and enforcement of excavation-related damages governed by the Minnesota One Call laws (MS216D & Rules 7560). These activities include supervisory coordination and review of activities related to investigation and</p>	\$42,843

	enforcement of the One Call Grant. Activities also include investigating excavation-related incidents, responding to complaints involving potential non-compliances to the One Call law, and applying appropriate enforcement actions where the State has reason to believe violations have occurred.	
Minnesota Office of Pipeline Safety (Project 2 of 2)	Grant funds requested to provide educational material for the 'Call 811 Before You Dig' Campaign. MNOPS plans to maintain presence at the above events and hopes to add additional presence to future events, including: 1) annual 811 Run/Walk and 2) national home improvement chain event (Home Depot) to partner with on April Safe Digging Month and/or an August 11 (8/11) event to promote Call Before You Dig.	\$3,895
Mississippi Public Service Commission (Project 1 of 3)	Funding requested to hire an attorney who is knowledgeable regarding the damage prevention law and experienced in providing legal counsel to the Underground Facilities Damage Prevention Board. He would continue to research and analyze other states' procedures and best practices, attend board meetings, review claims and evidence, draft and revise any developing procedures and rules, and assist in any enforcement activities.	\$14,319
Mississippi Public Service Commission (Project 2 of 3)	Grant funds would provide locator training to municipal and master meter gas operators, water/sewer operators, electric power association locators, contractors, Pipeline Safety staff members, MS 811 Damage Prevention Coordinators and other stakeholder groups. Training would cover MS Dig Law, including how to file an alleged violation report, CGA Best Practices, marking standards, locate theory, personal safety, documentation, damage investigations and hands on locating techniques. Costs include an experienced locate trainer, CGA books, and meals for those in attendance.	\$8,086
Mississippi Public Service Commission (Project 3 of 3)	Grant funds would be used to purchase educational items to promote the "Call Before You Dig" message at Damage Prevention Coordinating Council meetings, MS 811 Fun Run, Town Hall meetings, MNGA and MPSC sponsored training, MNGA Scholarship Golf Tournament, locator training and other events where an appropriate audience can be reached.	\$6,659
Missouri Public Service Commission (Project 1 of 2)	With this project, the MO PSC intends to first research best practices for locating quality assurance that have been used or proposed by other entities (e.g. CGA, PHMSA, other states). The MO PSC then intends to engage operators of pipelines in Missouri in a process that will result in development of state-wide best practices for locating quality assurance. This will be accomplished through: the MO PSC's working docket process; individual discussions with pipeline operators and other stakeholders; a workshop to jointly discuss findings and suggestions; and, a final published summary document. The project deliverable will be a compilation of best practices for locating quality assurance and be distributed to natural gas	\$38,945

	pipeline operators throughout the state and made publicly available to other interested parties. Although not a part of this request, it is anticipated that Missouri pipeline safety inspectors will be able to use the compilation as a basis for recommendations to operators in future integrity management inspections.	
Missouri Public Service Commission (Project 2 of 2)	Grant funding is requested to conduct a statewide 811: Call Before You Dig damage prevention educational/public awareness radio campaign. Grant recipient will contract with Learfield Communications to run approximately twenty 30-second Call Before You Dig radio advertisements and approximately twenty 10-second billboards (depending on the amount of grant money awarded). These 30-second radio spots and 10-second billboards will be broadcast on more than 60 radio stations that comprise the statewide MissouriNet radio network.	\$7,790
Nebraska Pipeline Safety Division (Project 1 of 4)	Grant funds requested for the Nebraska Attorney General's Office who is authorized by statute to enforce the One-Call Notification Act. One-Call Enforcement by the Office includes investigation of the complaints that are filed. If the matter warrants a civil penalty, the Office investigates and reviews factors determining civil penalty as outlined by statute, negotiates the amount of civil penalty, and drafts legal documents (Complaint, Voluntary Appearance, Consent Decree, etc.). The Office also monitors compliance and works closely with the State Fire Marshal's Office to offer damage prevention safety education training to One-Call offenders. The Office also litigates cases when agreements cannot be reached also issues warning letters.	\$27,264
Nebraska Pipeline Safety Division (Project 2 of 4)	Grant funds requested to be used to distribute a mailing to excavators and outreach stakeholder meetings with emphasis on reporting damages and compliance with changes in the state law. Approximately 5-7 meetings and 5 locate workshops throughout the state of Nebraska.	\$9,659
Nebraska Pipeline Safety Division (Project 3 of 4)	Grant funds are being requested for a project that would involve conducting locator workshops in conjunction with stakeholder meetings. The workshops would be open to anyone in Nebraska who does locating of underground utility lines. Field trials and demonstrations of new technology locating equipment will be conducted at the workshops as well as classroom instruction on locate theory. The curriculum will also focus on Nebraska One Call procedures and provide an overview of the Common Ground Alliance Best Practices. The workshops will address any insufficient locating practices and allow for consistent training across the State of Nebraska.	\$1,947
Nebraska Pipeline Safety Division (Project 4 of 4)	Grant funds requested to support 2500 Excavator Manuals that contain information that is relevant to all stakeholder groups regarding all stakeholder groups. Also funds to purchase 5000 dashboard calendars to be distributed to Nebraska excavators. And 700 t-shirts with 811 messages printed on both side of	\$7,790

	shirts and distributed to excavators statewide.	
Nevada Public Utilities Commission	Grant funding is requested for continued strong and effective enforcement efforts and to prepare civil penalty filings and issue civil penalties under Nevada's One Call Law. Funding is requested to pay for Commission personnel to carry out enforcement program.	\$46,738
New Hampshire Public Utilities Commission	Grant funding is requested to fund 51 percent of the associated direct costs for the Underground Damage Prevention Specialist position. New Hampshire (NH) will use One Call Grant to fund strict enforcement of the State Underground Damage Prevention Program in accordance with our statutes and administrative rules for non-gas related excavation damage incidents and other violations.	\$46,738
New Mexico Pipeline Safety Bureau	Grant funding is requested to partially fund three damage prevention employees whose primary jobs are to investigate excavation damage complaints and to enforce compliance with the NM State Excavation Laws and Regulations. They also conduct frequent patrols of construction sites and verify excavators have valid locate requests and have maintained the markings. The program manager and two administrative assistants also contribute time and support the three investigators. The funds will be used for a portion of each employee's salary.	\$46,738
New York Department of Public Service (Project 1 of 3)	Funding requested for Pipeline Safety Staff who investigate damages and complaints and issues citations when applicable. We currently employ supervisors, investigators, clerical staff, and legal counsel who spend approximately nine percent of their time on damage prevention activities. This time includes only the onsite field investigations, follow up to review one-call center and/or utility locate and damage report records, interviewing parties involved, preparing reports with diagrams and photographic documentation, and preparing citation paperwork. Engineering staff also reviews citations and supporting evidence, reviews written responses and/or conducts informal conferences, prepares correspondences, Commission Orders, and maintains databases necessary to track the status of cases and compile statistics. Grant funds would be used to offset personnel costs, including salary and benefits, for conduct of the damage prevention enforcement program.	\$32,717
New York Department of Public Service (Project 2 of 3)	Funding requested to support purchase of equipment for on-going enforcement activities which will assist in documenting investigations. Request included various items to be used in field for investigations including HIT Kits, evidence markers and various measurement devices.	\$12,619
New York Department of Public Service (Project 3 of 3)	Funds requested to print a minimum of 3,000 damage prevention information booklets in 2020. The estimated cost is \$0.60 per booklet and covers the cost for in-house labor, including salary, benefits, and supplies. The booklets are distributed during investigations and complaints, upon request,	\$1,402

	and are included in enforcement correspondences.	
North Carolina Utilities Commission (Project 1 of 2)	Grant funds requested to pay for academic consultant for services that include surveying contract locators and form focus group study to understand challenges in locating services. Study aims to understand causes and practices leading to increasing number of updated tickets. Deliverable is a technical report to discuss findings of three studies at end of project. The report will discuss research design, outcomes and set of recommendations for future adoption.	\$17,916
North Carolina Utilities Commission (Project 2 of 2)	Funding requested for 811 Awareness (811 wrap) on 52 truck tailgates for 26 Electric Co-Operatives across the State of NC.	\$7,790
North Dakota Public Service Commission (Project 1 of 2)	Funding requested to reimburse the State for expenses incurred in the enforcement of the ND One-Call law. Allegations of One-Call law violation are treated as administrative cases and are documented. Commission employees involved in the Commission's One-Call enforcement activities will record their time to support any cost reimbursement requested under the One-Call grant. Dollar amounts have been included for only the personnel, fringe benefits and indirect costs categories. Commission employees are involved in the development and implementation of the Commission's damage prevention enforcement program, and participate in the Commission's administrative proceedings regarding such enforcement. Commission staff also participate in the North Dakota One-Call Board quarterly meetings and One Call Stakeholder meetings to discuss improvements to One-Call law and enforcement activities.	\$38,948
North Dakota Public Service Commission (Project 2 of 2)	Grant funds requested for a statewide educational campaign promoting 811 and damage prevention. The campaign will include billboard advertising throughout the state of North Dakota, educational materials and items utilizing the 811 logos. The items will be distributed at events such as the North Dakota State Fair, Common Ground Alliance Safety Summit and Pipeline Safety Operator Training. The items will assist in educating the public and other stakeholders about damage prevention and the importance of calling before you dig.	\$5,845
Rhode Island Division of Public Utilities and Carriers	We will continue to use the funds from this grant to pay for a portion of the Salary & Benefits of our Engineer who enforces the Rhode Island One Call Law. This Engineer maintains a time sheet and historically spends a little over 65% of his time and efforts enforcing the Rhode Island One Call Law. This Engineer performs 100% of the investigations and enforcement actions of the states - One Call Law. These investigations usually are the result of excavating incidents or formal complaints filed with the Rhode Island Division of Public Utilities and Carriers.	\$46,738
Tennessee Public Utility Commission	Grant funding is requested for a portion of salary and benefits of TPUC staff member who provides administrative support for	\$15,622

	the damage prevention program. Administrative functions include; database administration, compiling data/reports, executive committee meeting preparation, generating documents such as citations and notices, and administering investigations and enforcement activities.	
Vermont Department of Public Service	Grant funding is requested for compliance and enforcement activities during Calendar Year 2020: General Administration of Vermont Underground Facility Damage Prevention Program Procedures and process cases.	\$43,949
Washington Utilities and Transportation Commission	Funding requested for one investigator. The growth in the reporting and analysis and evaluation of additional damage parameters (locate mismarks, failing to mark, mapping errors) the program is also expecting to hire an additional investigator to conduct investigations and enforcement activities. The funding will be used to cover a portion of the salary and benefits of the investigators.	\$46,738
Wyoming Public Service Commission	Grant funding requested for the WPSC and Wyoming Association of Broadcasters (WAB) will enter into a contract to run two months of PSAs throughout the state. The WAB, through its member radio stations, provides statewide coverage and will run the PSAs throughout the state. The WPSC would like to run the PSAs in September and October to promote One-Call of Wyoming.	\$6,758
Total		\$1,058,001

Pipeline Safety Research Competitive Academic Agreement Program (CAAP)

PHMSA is awarding \$1,999,912 (combined) to in fiscal year 2020 funding for its Competitive Academic Agreement Program (CAAP), which will support university research and technological developments that will improve the safety of the nation’s energy pipelines. CAAP was created to introduce graduate and PhD students to common pipeline integrity challenges and demonstrate how their engineering or technical backgrounds might contribute to the field of pipeline safety. The goal of the CAAP is to spur innovation and solutions to pipeline safety challenges facing the Nation’s pipeline infrastructure through academic research and university student involvement. These projects will further promote industry investment in solutions that improve pipeline safety and protect the environment. CAAP is similar to other federal programs designed to educate and lure more applicants in technical disciplines with lower federal recruitment rates. The awards are partially matched by non-federal funding.

These pipeline safety research projects will support PHMSA’s mission by promoting technological advancement, increased innovation, and knowledge dissemination to enhance pipeline safety. They are focused on three research topic areas: (1) pipeline safety academic collaboration with industry; (2) alternating current corrosion affecting pipelines in common corridors; and (3) performance degradation of plastic pipe.

State	University	Project Description	Amount
Nebraska	University of Nebraska-Lincoln	<p>Title: Nondestructive Diagnosis and Probabilistic Prognosis of Aging Plastic Pipe</p> <p>The main objectives of this project are: evaluating degradation of plastic pipe using nonlinear ultrasonic nondestructive evaluation (NDE); demonstrating the correlation between nonlinear ultrasonic parameters with stress cracking resistance (SCR) of materials; and improving the probabilistic decision model by reducing uncertainties in material properties.</p>	\$250,000
Michigan	Michigan State University	<p>Title: AI-enabled ILI Robot with Integrated Structured Light NDE for Distribution Pipelines</p> <p>Michigan State’s goal is to deliver a better pipeline inspection system with 3-dimensional (3D) scans along pipe bends. The deliverable is a field test-ready structured light tool integrated with a highly flexible snake robot, which can adapt to the complex environment inside distribution pipelines. The AI-enabled smart scanning tool will reconstruct and characterize the pipe 3D internal profile and detect damages like deformations and material losses. The proposed tool will provide the operator with precise 3D information about the status of the pipe internal surface, which increases the probability of detection and leads to better damage evaluation capabilities.</p>	\$250,000

Michigan	Michigan State University	<p>Title: Holistic Electromagnetic and Ultrasonic NDE Techniques for Plastic Pipeline Aging and Degradation Characterization</p> <p>The proposal's objective is to design an integrated near-field flexible microwave and non-linear ultrasonic probing tool. The tool will detect the extent of plasticizer loss in the walls of pipelines and will characterize plastic degradation. By the end of the project, the researchers would have developed a linear guided wave system allowing faster scanning at a cheaper cost.</p>	\$250,000
New Jersey	Rutgers State University	<p>Title: Probabilistic Performance Modeling and Optimum Maintenance Planning of Plastic Pipeline with Piezoelectric Based NDE Updating</p> <p>Early detection of plastic pipe crack and strength reduction is needed to develop informed models for decision making. The research intends to develop a model to improve maintenance planning for plastic pipe using piezoelectric-based NDE updating methods. The research will use NDE in detecting cracks of plastic pipe. The data will help operators to determine preventative and mitigative actions by building a prototype model for NDE of crack pattern and material degradation. This research will prolong pipeline service life, reduce maintenance costs and downtime, and improve pipeline safety.</p>	\$249,912
Texas	University of Texas at Arlington	<p>Title: Improving Pipeline Safety During Gas Leakage Events Using Near Real-Time Data Networks and Optimal Decision-Making Tools</p> <p>The researcher seeks to create a new method for methane detection. The research objective is to improve pipeline safety during gas leakage events using near real-time data networks and optimal decision-making tools. This would be achieved by integrating knowledge of gas migration and sensor networking specific to pipeline leak detection and quantification. The researcher will also evaluate how best to incorporate this knowledge into an operator's risk assessments to address gas leakage incidents. At the end of the project, the results generated will be publicly available to help industry.</p>	\$250,000
Rhode Island	Brown University	<p>Title: Modeling Slow Crack Growth Under Thermal and Chemical Effects and Accurate NDT of Cracks for Fitness Predictions of Polyethylene Pipes</p> <p>The project aims to develop a slow crack growth model for polyethylene pipe failure under chemical and thermal environments and provide a method for</p>	\$250,000

		accurate crack size measurements for reliable fitness for service assessments.	
California	University of California Berkeley	<p>Title: Distributed Strain Sensing for Pipeline Safety against Fault Moving and Landslides</p> <p>Currently, there is no available method to firmly attach fiber optic cable to the pipeline for long-term pipe strain monitoring. This project examines the feasibility of using a new measurement system developed by UC Berkeley for long-term monitoring of buried gas pipelines that are potentially vulnerable to ground deformation across faults and landslides. In this project, different fiber optic cable attachment methods will be tested in the laboratory. The development includes specifications of fiber optic material, installation methods, and repair strategies. The developed system will be tested at a PG&E site and a commercialization plan for the system for pipeline monitoring will be developed thereafter.</p>	\$250,000
Ohio	The University of Akron	<p>Title: Probabilistic Performance Evaluation of Cathodically Protected Pipelines Considering AC Corrosion</p> <p>The project proposal's main objective is to evaluate the performance of cathodically protected pipelines under alternating current (AC) corrosion by utilizing experimental testing and numerical analysis to examine AC-induced corrosion behavior. This method will be used to identify key factors influencing AC corrosion. The research will provide an understanding of the AC corrosion mechanism.</p>	\$250,000
Total			\$1,999,912

Technical Assistance Grants (TAG)

PHMSA is awarding over \$1,184,506 (combined) in pipeline safety technical assistance grants to support 12 projects in eight states. PHMSA Technical Assistance Grants allow local communities and groups of individuals to obtain funding for technical assistance in the form of engineering or other scientific analysis of pipeline safety issues and help increase the scope and quality of public participation in the safe planning and operation of pipelines located in and around local communities.

State	Agency/Award Recipient	Project Description	Amount
Colorado	City of Gunnison	<p>GIS MAPPING AND PIPELINE RISK ASSESSMENT</p> <p>The City of Gunnison proposes to complete a GIS-driven risk assessment and develop an asset management system to better understand the risks associated with the high-pressure and medium-pressure natural gas transmission pipelines operated by Xcel Energy within the City and to determine how best to educate themselves and the public. The applicant will prepare an emergency evacuation zone and hazardous pipeline evacuation area map. The applicant will electronically map the pipelines to improve emergency response capabilities and will conduct a public outreach campaign to promote the risk assessment. The applicant also plans to develop a series of emergency scenarios to better understand the threats and to include planning for how to handle a loss to emergency backup water lines, sewer lines, power to the wastewater treatment plant, and other important transportation corridors.</p>	\$99,590
Colorado	Town of Palisade	<p>GIS MAPPING AND PIPELINE RISK ASSESSMENT</p> <p>The Town of Palisade proposes to complete a GIS-driven risk assessment and develop an asset management system to better understand the risks associated with the natural gas transmission pipeline operated by Xcel Energy within the Town and to determine how best to educate themselves and the public. The applicant will prepare an emergency evacuation zone and hazardous pipeline evacuation area map. The applicant will electronically map the pipelines to improve emergency response capabilities and will conduct a public outreach campaign to promote the risk assessment. The applicant will also develop a series of emergency scenarios to better understand the risks, including planning for how to handle a possible incident in the Riverbend Park where the natural gas pipeline is located.</p>	\$99,660

Florida	East Central Florida Regional Planning Commission	<p>EMERGENCY RESPONDERS SAFETY INITIATIVE</p> <p>The East Central Florida Regional Planning Commission proposes to increase the safety of emergency responders by purchasing gas detector systems that will be used to identify hazardous areas at the scene of a pipeline release. The gas detector system will also certify local responders in the maintenance, calibration, and repair of RAE System gas and radiation detection equipment needed for response capabilities. The applicant will increase emergency preparedness by providing classroom and hands-on training specific to pipeline safety at the 9th annual Florida Hazardous Materials Symposium scheduled to be held in January 2021, in Daytona Beach, Florida. The applicant will also host public outreach and community awareness events that focus on community preparedness.</p>	\$100,000
Kentucky	Center for Rural Development, Inc.	<p>PIPELINE SECURITY FOR RURAL COMMUNITIES TRAINING</p> <p>The Center for Rural Development proposes to provide "Pipeline Security for Rural Communities" training to 12 communities. The 8-hour, awareness-level, instructor-led course is designed to bring together rural pipeline security stakeholders, including public safety, oil and gas pipeline representatives (large and small); local emergency planners; federal, state, and local agencies; and, other community stakeholders. During the training, participants will learn to recognize pipeline security threats and identify mitigation strategies within their jurisdictions to ensure the rural pipeline sector is secure and resilient. The course also features pipeline safety topics and an overview of the National Pipeline Mapping System (NPMS).</p>	\$100,000
Louisiana	Lake Pontchartrain Basin Foundation	<p>PIPELINE SAFETY PROGRAM FOR MARINE AND NAVIGABLE WATERWAYS</p> <p>The Lake Pontchartrain Basin Foundation proposes to increase pipeline safety on marine and navigable waterways in Southeast Louisiana by: (1) engaging and educating stakeholders working in on-the-river commerce on pipelines in waterways; (2) partnering with pipeline companies to identify the emergency contacts for their river-crossing locations and working with these companies to update their annual status reports for the NOAA-Nautical Data Branch; (3) producing a 10-page river corridor booklet with NPMS maps and pipeline emergency contacts; (4) offering three prototypes of signs with electronic signals for stakeholders to test near pipelines; and (5) providing a spreadsheet of NPMS mapping data and contact information to the</p>	\$100,000

		Mississippi River Transportation Information Service for upload into a mobile app used by river pilots during navigation.	
Oklahoma	Oklahoma Municipal Management Services	<p>SAFETY MANAGEMENT SYSTEM RISK ASSESSMENT</p> <p>The Oklahoma Municipal Management Services proposes to perform a safety-related risk assessment of the 51 municipal-owned natural gas distribution systems in Oklahoma to better understand the risks related to pipeline Safety Management Systems and how these risks are communicated to local government representatives, emergency response agencies, and the public. The applicant will use qualitative and quantitative methods to determine the source of pipeline risks in the technical context of physical plant assets (pipeline/distribution system) and core operations (operations and maintenance). This information will be shared with the municipalities, local government representatives, emergency response agencies, and the public.</p>	\$100,000
Texas	Damage Prevention Council of Texas	<p>PIPELINE PROTECTION E-LEARNING PROJECT</p> <p>The Damage Prevention Council of Texas proposes to develop videos and modules on a new e-learning platform that will provide industry leaders and stakeholders access to an online library of training videos, resources, and electronic material on mitigating and preventing pipeline incidents and accidents. The training materials will also provide resources to stakeholders on pipelines in highly sensitive environmental areas.</p>	\$100,000

Texas	Permian Basin Regional Planning Commission	<p>PIPELINE HAZARDS AWARENESS PROJECT</p> <p>The Permian Basin Regional Planning Commission proposes to implement a pipeline hazards awareness project and will engage with local public officials and administrators who establish and enforce safety codes in each county. The Commission will also partner with economic development professionals who interact with the business and residential construction sector, as well as collaborate with oil and gas organizations on pipeline hazards throughout the Region. Emphasis will be placed on ensuring training for call centers and first responders and on maintaining and coordinating the Region's information base of pipeline safety resources. Emphasis will also be given to promoting public awareness aimed at citizens, including special target groups such as students and new workforce entrants currently enrolled in vocational and technical training programs, the agriculture community, non-English speaking populations, and new residents moving to the region who are not familiar with pipeline infrastructure.</p>	\$100,000
Texas	West Central Texas Council of Governments	<p>PIPELINE SAFETY PUBLIC AWARENESS PROGRAM</p> <p>The West Central Texas Council of Governments proposes to conduct education and outreach of pipelines and pipeline safety throughout 19 counties and 62 communities in the West Central Texas region. The proposal will increase public awareness of pipeline infrastructure and the associated hazards of living near pipelines. The applicant will promote the Call Before You Dig 811 initiative and state of Texas One-Call procedures throughout the Region. Funding will be used to sponsor radio and television public service announcements; disseminate outreach, education, and awareness materials through public events and at area schools; and engage in the Region's four damage prevention councils and other local activities that promote pipeline safety and underground utilities awareness.</p>	\$100,000

Washington	City of College Place	<p>GEOGRAPHIC INFORMATION SYSTEM (GIS) MAPPING AND PIPELINE RISK ASSESSMENT</p> <p>The City of College Place proposes to complete a GIS-driven risk assessment and develop an asset management system to better understand the risks associated with the natural gas transmission pipeline within the City operated by Williams Northwest Pipeline and to determine how best to educate themselves and the public to enhance public safety. The applicant will prepare an emergency evacuation zone and hazardous pipeline evacuation area map. The applicant will also electronically map the pipelines to improve emergency response capabilities and will conduct a public outreach campaign to promote the risk assessment.</p>	\$99,540
Washington	Pipeline Safety Trust	<p>PUBLIC ENGAGEMENT RECOMMENDED PRACTICE</p> <p>The Pipeline Safety Trust (PST) proposes to partner with pipeline safety stakeholders to support the development of a strong and successful Recommended Practice (RP) on Public Engagement. The applicant proposes to reduce some of the major barriers that could undermine the non-industry, non-regulatory stakeholders from participating in the development of the RP by providing funding to cover partial travel costs for meetings and to secure an independent facilitator and subject matter experts. Removing such obstacles will contribute significantly towards strengthening and advancing pipeline safety. PST received a TAG award in 2018 that examined pipeline engagement and in 2019 for outreach and pipeline safety education.</p>	\$99,132
Wyoming	City of Evanston	<p>GIS MAPPING AND PIPELINE RISK ASSESSMENT</p> <p>The City of Evanston proposes to complete a GIS-driven risk assessment and develop an asset management system to better understand the risks associated with the natural gas transmission pipeline within the City operated by Dominion Energy, and the hazardous liquid pipeline operated by Marathon Petroleum and to determine how best to educate themselves and the public. The applicant will prepare an emergency evacuation zone and hazardous pipeline evacuation area map. The applicant will also electronically map the pipelines to improve emergency response capabilities and will conduct a public outreach campaign to promote the risk assessment and the Call 811 initiative.</p>	\$86,584
Total			\$1,184,506

Hazardous Materials Instructor Training (HMIT) Grants

PHMSA is awarding \$3,445,229 in fiscal year 2020 Hazardous Materials Instructor Training (HMIT) grants. PHMSA's HMIT grant and its Supplemental Public Sector Training grant collectively fund prevention and response activities. HMIT grants fund the training of instructors who then train private-sector hazardous materials employees. HMIT grants are open to non-profit hazmat employee organizations demonstrating expertise in conducting train-the-trainer programs for employees. The Moving Ahead for Progress in the 21st Century Act (MAP-21) authorized DOT/PHMSA to offer the grant to all non-profit organizations that demonstrate expertise in conducting a training program for hazmat employees and the ability to reach and involve, in a training program, a target population for hazmat employees. PHMSA is authorized to obligate up to \$4 million in FY 2019 for program purposes (See 49 U.S.C. §§ 5107(e) and 5128(c)).

State	Agency/Award Recipient	Project Description	Amount
Maryland	Commercial Vehicle Safety Alliance	The CVSA proposes to develop curriculum for a 40-hour train-the-trainer course for instructors who train hazmat employees; develop curriculum for an Introduction to the Hazmat Employee Training Requirements course for trainers on the CVSA learning management system; conduct 4 train-the-trainer courses during the fiscal year; conduct 1 webinar with a focus on the 40-hour course content, student expectations, and expected outcomes; and seek input from the customer base training of approximately 120 hazmat employees.	\$250,000
Ohio	International Chemical Workers Union Council	The ICWUC proposes to train 1,173 hazmat workers in two major activities that include: 1) the development of instructor trainers who can teach Department of Transportation (DOT) material covered by 49 CFR Part 172; and 2) the direct delivery of DOT Toolbox materials. The program and this proposal concentrates on the Hazardous Material Regulations (HMR) general awareness with a familiarity of the HMR, recognition of hazardous materials, and measures to protect employees.	\$246,090
Maine	National Partnership for Environmental Technology Education	NPETE proposes to conduct 25 courses throughout the rural communities, tribes, and cities that host Qualified Opportunity Zones. The courses that will be conducted include: 1) a 24-hour DOT Hazmat Regulations Course; 2) a 4-hour Instructional Technology Course; 3) an	\$458,983

		Advanced 24-hour DOT Hazmat/Dangerous Goods HMIT Course; and 4) an Online Pretesting Recommendation course. NPETE will train approximately 500 hazmat employees.	
Washington, DC	Short Line Safety Institute	The SLSI proposes to conduct 18 Train-the-Trainer and/or Direct Employee trainings; 5 Emergency Preparedness, Reporting, and Response exercises; 4 Functional Drills; 2 LNG trainings; and 1 Continuing Education for Instructors course. The SLSI will train approximately 516 hazmat employees.	\$817,658
Florida	Sustainable Workplace Alliance	The SWA proposes to conduct 81 core HMIT classes in 22 cities across the United States and territories. They will also conduct 10 awareness presentations at industry trade shows to bring awareness about the training requirements for hazmat employers. The SWA will train approximately 560 hazmat employers and employees.	\$835,641
Texas	Texas A&M Engineering Extension Service	TEEX proposes to conduct 30 of their 24-hour DOT Hazardous Materials Instructor courses. TEEX will train approximately 300 hazmat employees.	\$399,462
Alaska	Zender Environmental and Health Research Group (ZEHRG)	ZEHRG proposes to conduct train-the-trainer and direct training courses to hazmat employees in Alaska's native villages, training approximately 425 hazmat employees.	\$437,395
Total			\$3,445,259

Supplemental Public Sector Training Grants

PHMSA is awarding a \$941,000 Supplemental Public Sector Training (SPST) grant to one recipient in fiscal year 2020. PHMSA's SPST grant and its Hazardous Materials Instructor Training grant collectively fund prevention and response activities. SPST grant funding is provided to national nonprofit fire service organizations for the purpose of training instructors to conduct hazardous materials response training programs for individuals with statutory responsibility to respond to hazardous materials accidents and incidents. Since FY 2000, PHMSA has provided SPST grants to increase the number of hazmat training instructors available to conduct training programs for local responders. The SPST Grant Program was established by Congress in the Hazardous Materials Transportation Authorization Act of 1994 (P.L. 103-311), which amended 49 U.S.C. § 5116. The SPST grants are intended to further the purpose of the Hazardous Materials Emergency Preparedness (HMEP) Grant Program, which is to train public-sector hazardous materials (hazmat) responders. Eligible grant recipients must be national nonprofit fire service organizations.

State	Agency/Award Recipient	Project Description	Amount
Washington, DC	International Association of Fire Fighters	The IAFF proposes to conduct six portable First Responder Operations training sessions; six First Responder Operations supportive teaching sessions; one Instructor Development Conference; and five First Responder Operations train-the-trainer sessions. The IAFF will train approximately 425 emergency responders.	\$941,000

Hazardous Materials Emergency Preparedness (HMEP) Grant

PHMSA is awarding \$20,108,663 in Hazardous Materials Emergency Preparedness (HMEP) grants to states, territories and federally recognized tribes to enhance their emergency response capabilities when dealing with hazardous materials related transportation incidents. The HMEP grant awards will fund three federally recognized tribes and tribal organizations. PHMSA is also releasing Year 2 funding for the FY 2019–2021 grant cycle to all 50 States and two U.S. territories to continue conducting planning and training projects. HMEP applicants allocate grant funds towards activities such as: Developing or revising emergency plans and training activities to account for bulk transportation of energy products by rail and over the road; Conducting commodity flow studies to determine the frequency and quantity of hazmat shipments being transported through local communities; Training emergency responders to respond appropriately to incidents involving bulk shipments of energy products as well as other hazmat.

The grants, authorized under 49 USC 5116, will assist each recipient in performing their hazardous materials response duties and aid in the development, implementation, and improvement of emergency plans for local communities and training for emergency responders to help communities prepare for a potential hazardous materials transportation incident. The HMEP program uses a discretionary formula for States and Territories and a competitive application process for Native American tribes. The formula is based on census data, the number of hazmat incidents, the severity of hazmat incidents, and the estimated costs of incidents.

State	Agency/Award Recipient	Amount
Alabama	Alabama Emergency Management Agency (AEMA)	\$554,424
Alaska	Alaska Department of Environmental Conservation (ADEC)	\$146,050
Arizona	Arizona Department of Environmental Quality (ADEQ)	\$323,328
Arkansas	Arkansas Department of Emergency Management (ADEM)	\$279,457
California	California Governor’s Office of Emergency Services (Cal OES)	\$1,014,313
Colorado	Colorado Department of Public Safety, Division of Homeland Security and Emergency Management (CDHSEM)	\$452,408
Connecticut	Connecticut Department of Energy and Environmental Protection (DEEP)	\$205,031
Delaware	Delaware Department of Emergency Management (DEMA)	\$119,687
Florida	Florida Division of Emergency Management (FDEM)	\$645,789
Georgia	Georgia Emergency Management & Homeland Security Agency (GEMA/HS)	\$427,351
Hawaii	Hawaii Department of Health, Hazard Evaluation and Emergency Response (HEER) Office	\$124,789
Idaho	Idaho Office of Emergency Management, Idaho Military Division (IOEM)	\$162,129

Illinois	Illinois Emergency Management Agency (IEMA)	\$911,469
Indiana	Indiana Department of Homeland Security (IDHS)	\$484,480
Iowa	Iowa Homeland Security and Emergency Management (IHSEM)	\$537,833
Kansas	Kansas Division of Emergency Management (KDEM)	\$369,867
Kentucky	Kentucky Emergency Management (KEM)	\$299,997
Louisiana	Louisiana State Police	\$431,787
Maine	Maine Emergency Management Agency (MEMA)	\$195,018
Maryland	Maryland Emergency Management Agency (MEMA)	\$331,078
Massachusetts	Massachusetts Emergency Management Agency (MEMA)	\$339,358
Michigan	Michigan State Police, Emergency Management and Homeland Security Division (MSP/EMHSD)	\$441,098
Minnesota	Minnesota Department of Public Safety, State Fire Marshal Division (MFMD)	\$302,473
Mississippi	Mississippi Emergency Management Agency (MEMA)	\$345,940
Missouri	Missouri Emergency Management Agency, Missouri Emergency Response Commission (MERC)	\$310,249
Montana	Montana Disaster and Emergency Services Division (MDES)	\$309,271
Nebraska	Nebraska Emergency Management Agency (NEMA)	\$224,266
Nevada	Nevada State Emergency Response Commission (NV SERC)	\$202,723
New Hampshire	New Hampshire Department of Safety, Division of Homeland Security & Emergency Management (HSEM)	\$139,945
New Jersey	New Jersey Department of Law & Public Safety, New Jersey State Police, Hazardous Materials Response Unit (HMRU)	\$386,687
New Mexico	New Mexico Department of Homeland Security and Emergency Management (DHSEM)	\$204,484
New York	New York Division of Homeland Security and Emergency Services (DHES)	\$419,849
North Carolina	North Carolina Department of Public Safety, Division of Emergency Management (NCDEM)	\$523,677
North Dakota	North Dakota Department of Emergency Services, Division of Homeland Security (NDDDES)	\$229,448
Ohio	Ohio Emergency Management Agency (OEM)	\$814,376
Oklahoma	Oklahoma Department of Emergency Management (ODEM)	\$465,697
Oregon	Oregon Office of State Fire Marshal (OSFM)	\$306,625
Pennsylvania	Pennsylvania Emergency Management Agency (PEMA)	\$716,797
Rhode Island	Rhode Island Emergency Management Agency (RIEM)	\$122,588
South Carolina	South Carolina Adjutant General's Office, Emergency Management Division (SCEM)	\$386,663

South Dakota	South Dakota Office of Emergency Management (SD OEM)	\$150,153
Tennessee	Tennessee Emergency Management Agency (TEMA)	\$723,013
Texas	Texas Division of Emergency Management (TDEM)	\$1,500,000
Utah	Utah Department of Public Safety, State Fire Marshal Office Division (USFM)	\$308,855
Vermont	Vermont Department of Public Safety, Division of Fire Safety (VDFS)	\$142,099
Virginia	Virginia Department of Emergency Management (VDEM)	\$284,508
Washington	Washington State Military Department (WSMD)	\$265,797
West Virginia	West Virginia Division of Homeland Security and Emergency Management (DHSEM)	\$207,889
Wisconsin	Wisconsin Emergency Management (WEM)	\$411,411
Wyoming	Wyoming Office of Homeland Security (WOHS)	\$151,061
American Samoa	American Samoa Department of Homeland Security (ASDHS)	\$67,148
Guam	Guam Environmental Protection Agency (GEPA)	\$69,580
Tribes		
Alaska	Kawerak, Inc.	\$81,415
California	Blue Lake Rancheria Tribe	\$234,382
Washington	Northwest Tribal Emergency Management Council	\$302,853
		\$20,108,663

Community Safety Grants (CSG)

PHMSA is awarding \$750,000 as part of its Community Safety Grant Program. The grant, authorized by the Fixing America’s Surface Transportation (FAST) Act, is a competitive hazardous materials transportation training grant program that funds nonprofit organizations’ development of best practice guidance for outreach regarding hazardous materials transportation issues. Intended audiences for such outreach include the public; State and local emergency responders; and Federal, State, local, and tribal government organizations. This grant program also provides funding for nonprofit outreach and training programs to train State and local personnel responsible for enforcing the safe transportation of hazardous materials.

State	Agency/Award Recipient	Project Description	Amount
Washington, DC	American Chemistry Council (ACC)	The ACC proposes to offer a comprehensive approach to training within the CS grant initiatives to strengthen programs from a national scope by conducting Flammable Liquids/Hazardous Material Training events, workshops, conferences, seminars, and exercises; and conduct LNG training by placing training on USB drives for volunteer emergency responders in rural areas that may not be able to attend training. TRANSCAER will train approximately 3,650 individuals.	\$250,000
Virginia	International Association of Fire Chiefs (IAFC)	The IAFC proposes to offer a learning management system for free hazmat trainings; 12 whole community instructor-led courses in qualified opportunity zones; and 10 webinars and podcasts. The IAFC will train approximately 2,740 individuals.	\$250,000
Florida	Sustainable Workplace Alliance (SWA)	The SWA proposes to conduct 42 whole community response courses to emergency responders, local community governmental leaders, and industry located in each location, and provide whole community response courses at 3 hazmat conferences, training approximately 333 individuals.	\$250,000
Total			\$750,000