

PRESIDENT JOE BIDEN

BUILDING A BETTER AMERICA

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A GUIDEBOOK TO THE
BIPARTISAN INFRASTRUCTURE LAW
FOR STATE, LOCAL, TRIBAL, AND
TERRITORIAL GOVERNMENTS, AND
OTHER PARTNERS



THE WHITE HOUSE
WASHINGTON



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A Note from the White House Infrastructure Implementation Coordinator

May 2022

Dear Friends:

With the signing of the Bipartisan Infrastructure Law in mid-November 2021, President Biden marked a new era of building a better America together. The Bipartisan Infrastructure Law is historic in its size – the largest ever investments in broadband, rail and transit, clean energy, and water, just to name a few – as well as the breadth of programs and sectors included in the law. The infrastructure law allocated funding to over 350 distinct programs across more than a dozen federal departments and agencies. From bringing high-speed internet to every American, to replacing lead service lines to bring clean water to people's homes, to repairing thousands of roads and bridges, to creating good-paying union jobs, close coordination with state, Tribal, territorial, and local leaders like you will be fundamental in the successful delivery of these programs.

This guidebook is another step in our effort to be as transparent as possible, so you know what to apply for, who to contact, and how to get ready to rebuild. After all, most of the building will actually be done by state, Tribal, and local government partners. Where they exist at this moment, we have also included planning activities you can be doing now to prepare for these programs coming across 2022 and 2023. The online version at Build.gov also hosts an application to quickly sort and filter programs by agency, issue or eligible recipient to better understand the available funding within the Bipartisan Infrastructure Law. We will continue to update this spreadsheet online. Our goal is for you—communities all across America—to take full advantage of the opportunity this new funding presents.

The President has been clear in his charge to me as we build a better America: make sure these programs get implemented without unnecessary bureaucracy and delay to rebuild America's infrastructure – while at the same time being good stewards of taxpayer dollars and working to achieve goals around creating good middle-class union jobs, supporting disadvantaged and underserved communities, advancing climate resilience and sustainability, and bringing back American manufacturing. It is our hope this resource is another step forward in our work together to build a better America.

Warm regards,

A handwritten signature in blue ink that reads "Mitch Landrieu".

Mitch Landrieu
Senior Advisor and Infrastructure Implementation Coordinator
White House



Executive Summary

On November 15th, 2021, President Biden signed the [Bipartisan Infrastructure Law](#) – a once-in-a-generation investment in our nation’s infrastructure, competitiveness, and communities. This bill is a historic opportunity to rebuild America’s roads, bridges and rails; expand access to clean drinking water; ensure that every American has access to high-speed internet; to tackle the climate crisis and advance environmental justice, while investing in communities – both urban and rural – that have too often been left behind. This bipartisan effort will help ease inflationary pressures; strengthen supply chains by making long overdue improvements for our nation’s ports, airports, rail, and roads; drive the creation of good-paying union jobs with high labor standards that can be accessed by all workers, especially those from underserved communities; and grow the economy sustainably and equitably for decades to come.

Overview and Purpose of this Guidebook

To achieve the ambitious goals outlined by the President and this legislation, the Biden Harris Administration needs help. Building a better America is a shared endeavor no one can do alone, and investing Federal infrastructure dollars will require significant coordination between the Federal government, States, Tribal governments, community stakeholders, local governments, and other key partners.

This guidebook is a roadmap to the funding available under the law. It explains, in as much detail as currently available, how much funding is available at the program level. Our primary goal is to help our partners across the country know what to apply for, who to contact for help, and how to get ready to rebuild. We have also published an accompanying data file on [Build.gov](#) that allows users to quickly sort programs funded under the law by fields like agency, amount, eligible recipient, or program name.

The guidebook contains 13 chapters grouping Bipartisan Infrastructure Law programs by issue area. Each chapter contains a cover note explaining how to get ready to apply for and receive this subset of funding. These memos identify additional resources our partners can and should utilize to prepare while the Federal government gets ready to distribute Bipartisan Infrastructure Law funds from new and existing programs.

Each program description contains the Bipartisan Infrastructure Law statutory citation of that program. You can use this to find the specific language in Public Law 117-58, the authorizing document for the Bipartisan Infrastructure Law, that authorizes and/or appropriates funds for the program. If the BIL authorized and appropriated funds for the program, the “statutory location” listed corresponds to the section number that authorized the program. If the BIL only appropriated funds for the program (because the program was previously authorized), then the statutory location



listed corresponds to the section of Division J that describes the appropriation of funds for that program.

This is the second version of this product. In the coming weeks and months, we plan to publish updates to this content on [Build.gov](#) to keep our partners up to date on the latest deadlines and details. The White House has also encouraged external stakeholders to use this information to develop local or regional-specific guides on available sources of funding, so every community in America can identify, understand, and access investment opportunities that they need and deserve under the law. This publication is not an attempt to capture every possible Federal infrastructure program, authorization, or expenditure—rather, it provides our partners with a deeper view into funding available under the law. If you have questions, please see the appendix for agency-level contact information and links to more information online.

Additional Resources & Actions

Earlier this year, the White House Infrastructure Implementation Coordinator sent a [letter to Governors](#) recommending a series of preparatory actions, including appointing infrastructure coordinators to manage the flow of funds to their States. He also [outlined steps cities](#) can take to prepare and has begun deeper intergovernmental engagements with Tribal leaders, county officials, civil rights and territorial leaders through outreach calls, listening sessions, and Tribal consultations.

The American Rescue Plan, signed into law in 2020, has already provided over \$350 billion in critical resources to every State, Tribal, county, city, and unit of local government to support their response to the COVID-19 public health emergency, including in making the investments needed to ensure a durable and equitable economic recovery. Recipients of Bipartisan Infrastructure Law funding should look to leverage those resources to help prepare for the transformative investments included under the law. For example, American Rescue Plan funding could be used to train the workers needed to build high quality infrastructure; hire back the public sector workers needed to help manage potential Federal investments; and get a jump start on water, sewer, and broadband projects that could complement investments from the infrastructure law. We encourage everyone to review the U.S. Department of Treasury's website [here](#), which explains how to request funding, eligible uses, and other important information about American Rescue Plan funding.

We recognize local capacity may be strained due to the pandemic, the need to account for heightened cybersecurity, climate and other known hazard risks, the effects of historic underinvestment, or just the challenges of day-to-day governance. A community's lack of capacity to apply for Federal funds can create significant inequities – and for many communities, this will be their first time applying for funds from a suite of Federal agencies. Many funding streams in the Bipartisan Infrastructure Law specifically set aside funds for disadvantaged communities.



Further, in keeping with efforts like the President's Justice40 Initiative, the Administration is committed to ensuring disadvantaged communities receive benefits from all available resources in relevant Bipartisan Infrastructure Law programs. The White House Infrastructure Implementation Team and the components across the Executive Office of the President and the Federal agencies will be engaging States, Tribal governments, territories, Federal agencies, philanthropies, civil rights leaders, advocates and others to leverage all available resources to quickly deliver the necessary technical assistance and capacity to underserved communities. We intend to use this guidebook as a critical tool to accelerate and amplify the impact of this work.

Disclaimer

This guidebook is designed to help users familiarize themselves with the Bipartisan Infrastructure Law. Nothing contained in this document constitutes guidance from the U.S. government on any law, program, policy, application process, or funding eligibility. Applicants for funding should consult official agency or program specific guidance for additional information



Transportation

“These bills are not about left versus right, or moderate versus progressive, or anything else that pits one American against one another. These bills are about competitiveness versus complacency. They’re about expanding opportunity, not opportunity denied. They’re about leading the world or continuing to let the world pass us by. First, the infrastructure bill. It’s about rebuilding the arteries of America...”

– [Remarks](#) by President Biden, October 25, 2021



Roads, Bridges and Major Projects

Challenge: One in five miles, or 173,000 total miles, of our highways and major roads and more than 43,500 bridges are in poor condition. Bridges in poor condition pose heightened challenges in rural communities, which often may rely on a single bridge for the passage of emergency service vehicles.

Solutions: The Bipartisan Infrastructure Law reauthorizes Federal surface transportation programs for five years and invests approximately \$400 billion over that period to repair our roads and bridges and support transformational projects that will create good-paying union jobs, increase regional and national economic opportunities, and make our transportation system safer and more resilient.

Funding Overview:

The Bipartisan Infrastructure Law also contains significant new funding for roadways, bridges, and other major projects funded by the Federal Highway Administration and the Department of Transportation. Highlights include:

- **A total of \$40 billion¹ in dedicated funding for bridges.** This funding includes \$12.5 billion for the *Bridge Investment Program*, which is a competitive program to replace, rehabilitate, preserve, or protect some of the nation's most important and economically significant bridges. The rest of the funds fall under the Bridge Formula Program, which provides formula funding to States to replace, rehabilitate, preserve, protect, and construct bridges on public roads. Notably, the program includes a 15 percent (\$4 billion) set aside for off-system bridges. These are bridges often owned and maintained by cities, counties, and towns—and typically located on roads normally ineligible for Federal highway funding. On January 14, 2022, the Department of Transportation released the first year of funding for the *Bridge Formula Program*. \$5.3 billion will be available to States, the District of Columbia, and Puerto Rico in fiscal year 2022, along with \$165 million for Tribal governments. The Federal government will also cover 100 percent of the cost of off-system bridge projects under the Bridge Formula Program for bridges owned by a local government or Tribe. (See fiscal year 2022 State apportionment [here](#)).
- **\$8 billion for the Infrastructure for Rebuilding America (INFRA) Program,** which supports freight and highway projects of regional and national significance.

¹ \$40 billion is provided through the Bipartisan Infrastructure Law in advanced appropriations and contract authority, an additional \$3.3 billion is authorized under Division A of the Bipartisan Infrastructure Law, but is subject to appropriations, for a total program level of \$43.3 billion.



- **\$7.5 billion for Rebuilding American Infrastructure with Sustainability and Equity (RAISE) grants**—a competitive grant program (formerly BUILD and TIGER) which provides funding for road, rail, transit, and other surface transportation of local and/or regional significance. Selection criteria includes safety, sustainability, equity, economic competitiveness, mobility, and community connectivity.
- **\$5 billion for the National Infrastructure Project Assistance or “Megaprojects.”** This program—sometimes referred to as the “Megaprojects program” or MEGA—provides grants on a competitive basis to support multijurisdictional or regional projects of significance that may also cut across multiple modes of transportation. Communities are eligible to apply for funding to complete critical large projects that would otherwise be unachievable without assistance.

The Bipartisan Infrastructure Law also includes a five-year reauthorization for the Federal Highway Administration at the Department of Transportation. A major component of this reauthorization is \$273.2 billion in Federal-aid highway formula funding for States. In December 2021, the Federal Highway Administration announced that it disbursed to all 50 States and the District of Columbia a total of \$52.5 billion of this formula funding for fiscal year 2022; this represents a more than 20 percent increase over fiscal year 2021 formula funding. (See the fiscal year 2022 State apportionment [here](#)).

Getting Ready:

Federal-aid Highway Formula Funding and Bridge Formula Program – The Federal Highway Administration distributes both Federal-aid Highway Formula funding and Bridge Formula Program funding to State departments of transportation. State departments of transportation then program projects (select them for funding) through statewide and metropolitan transportation planning processes. Project sponsors should contact their State department of transportation for additional information about how to access any of these categories of formula funding.

Competitive Grant Programs – In order to prepare for upcoming application openings, potential recipients should begin to work with stakeholders to develop a list of priority projects that would be suited for applications for competitive grant funding programs such as the Bridge Investment Program, MEGA (applications due May 23, 2022), and INFRA (applications due May 23, 2022).



Existing Resources:

- Information on the Federal Highway Administration's implementation of the Bipartisan Infrastructure Law is available [here](#).
- Information on Federal Highway Administration's resources for technical assistance and local support is available [here](#).
- Information on the Department of Transportation's INFRA program is available [here](#).
- Information on the Department of Transportation's RAISE program is available [here](#).



Program Name	Agency Name	Funding Amount
National Highway Performance Program	Department of Transportation	\$148,000,000,000
Surface Transportation Block Grant Program	Department of Transportation	\$72,000,000,000
Bridge Formula Program	Department of Transportation	\$26,675,000,000
Tribal Transportation Facility Bridges (Bridge Formula Funding Set-Aside)	Department of Transportation	\$825,000,000
Congestion Mitigation and Air Quality Improvement Program	Department of Transportation	\$13,200,000,000
Bridge Investment Program	Department of Transportation	\$12,200,000,000
Grants for Planning, Feasibility Analysis, and Revenue Forecasting (Bridge Investment Program Set-aside)	Department of Transportation	\$100,000,000
Local and Regional Project Assistance Grants (RAISE)	Department of Transportation	\$7,500,000,000
Nationally Significant Freight and Highway Projects (INFRA)	Department of Transportation	\$7,250,000,000
State Incentives Pilot Program (Set-aside within Nationally Significant Freight and Highway Projects - INFRA)	Department of Transportation	\$750,000,000
National Highway Freight Program	Department of Transportation	\$7,150,000,000
Carbon Reduction Program	Department of Transportation	\$6,419,999,998
National Infrastructure Project Assistance (Megaprojects)	Department of Transportation	\$5,000,000,000
Tribal Transportation Program	Department of Transportation	\$2,966,800,000
Metropolitan Planning	Department of Transportation	\$2,280,000,000
Rural Surface Transportation Grant Program	Department of Transportation	\$2,000,000,000
Federal Lands Transportation Program (funds for National Park Service)	Department of Transportation	\$1,731,187,250
Federal Lands Access Program	Department of Transportation	\$1,487,875,000
Transportation Infrastructure Finance and Innovation Act	Department of Transportation	\$1,250,000,000
Appalachian Development Highway System	Department of Transportation	\$1,250,000,000
National Culvert Removal, Replacement, & Restoration Grant	Department of Transportation	\$1,000,000,000
Reconnecting Communities Pilot Program	Department of Transportation	\$1,000,000,000
Puerto Rico Highway Program	Department of Transportation	\$900,995,000
Advanced Transportation Technologies & Innovative Mobility Deployment	Department of Transportation	\$900,000,000
Highway Research & Development Program	Department of Transportation	\$310,000,000
Nationally Significant Federal Lands and Tribal Projects	Department of Transportation	\$275,000,000
Congestion Relief Program	Department of Transportation	\$250,000,000
Intelligent Transportation Systems Program	Department of Transportation	\$250,000,000
Territorial Highway Program	Department of Transportation	\$239,505,000



Tribal Transportation Facility Bridge (Set-aside)	Department of Transportation	\$200,000,000
Federal Lands Transportation Program (Funding for U.S. Fish & Wildlife Service)	Department of Transportation	\$180,000,000
Federal Lands Transportation Program (For other Federal Land Management Agencies)	Department of Transportation	\$153,637,750
Federal Lands Transportation Program (Funding for U.S. Forest Service)	Department of Transportation	\$130,000,000
Accelerated Implementation and Deployment of Advanced Digital Construction Management Systems (Set-aside)	Department of Transportation	\$100,000,000
Strategic Innovation for Revenue Collection (Set-aside)	Department of Transportation	\$75,000,000
Accelerated Implementation and Deployment of Pavement Technologies (Set-aside)	Department of Transportation	\$60,000,000
National Motor Vehicle Per-Mile User Fee Pilot (Set-aside)	Department of Transportation	\$50,000,000
Disadvantaged Business Enterprises	Department of Transportation	\$50,000,000
On-the-Job Training Program	Department of Transportation	\$50,000,000
Tribal High Priority Projects Program	Department of Transportation	\$45,000,000
Highway Use Tax Evasion Projects	Department of Transportation	\$20,000,000
TOTAL - ROADS, BRIDGES AND MAJOR PROJECTS		\$326,274,999,998



National Highway Performance Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$148,000,000,000

Period of availability: 4 year

Funding mechanism: Formula Grant

New program: No. Existing Program with Changed Eligibilities

Recipients: States (including District of Columbia)

Description: The Bipartisan Infrastructure Law continues the National Highway Performance Program. The purposes of this program are: To provide support for the condition and performance of the National Highway System; To provide support for the construction of new facilities on the National Highway System; To ensure that investments of Federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets established in a State's asset management plan for the National Highway System; To provide support for activities to increase the resiliency of the National Highway System to mitigate the cost of damages from sea level rise, extreme weather events, flooding, wildfires, or other natural disasters.

Eligible uses: Highway and bridge projects, generally on the National Highway System, plus certain bridge projects on non-National Highway System Federal-aid highways

Federal cost share requirement: Typically, 80 percent Federal / 20 percent non-Federal (For interstate projects, 90 percent Federal/10 percent non-Federal). Waivers are available in some circumstances.

Statutory location: 11101; 11105



Surface Transportation Block Grant Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$72,000,000,000

Period of availability: 4 year

Funding mechanism: Formula Grant

New program: No. Existing Program with Changed Eligibilities

Recipients: States (including District of Columbia)

Description: The Surface Transportation Block Grant Program promotes flexibility in State and local transportation decisions and provides flexible funding to best address State and local transportation needs.

Eligible uses: The Surface Transportation Block Grant Program is available for the roughly one million miles of Federal-aid highways, for bridges on any public road, and for transit capital projects.

Federal cost share requirement: Typically, 80 percent Federal / 20 percent non-Federal (For interstate projects, 90 percent Federal/10 percent non-Federal). Waivers are available in some circumstances.

Statutory location: 11101; 11109



Bridge Formula Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$26,675,000,000

Period of availability: 4 year

Funding mechanism: Formula Grant

New program: Yes

Recipients: States (including District of Columbia and Puerto Rico)

Description: The Bridge Formula Program will provide funds to States by formula for bridge replacement, rehabilitation, preservation, protection, or construction projects on public roads. This program includes three set-asides: 15 percent will be set-aside for use on off-system bridges; 3 percent will be set-aside for use on Tribal Transportation Facility bridges; and, 0.5 percent will be set-aside for administrative expenses of the Federal Highway Administration. An additional description of the Tribal Transportation Facility set-aside can be found later in this chapter.

Eligible uses: Replace, rehabilitate, preserve, protect, and construct bridges on public roads.

Federal cost share requirement: Typically, 80 percent Federal / 20 percent non-Federal (for interstate projects 90 percent Federal/10 percent non-Federal). Waivers are available for off-system bridges.

Statutory location: Division J, Title VIII



Tribal Transportation Facility Bridges (Bridge Formula Funding Set-Aside)

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$825,000,000

Period of availability: 4 year

Funding mechanism: Distributed through the Tribal Transportation Program

New program: No

Recipients: Tribes

Description: The Bridge Formula Program sets aside 3 percent of the funds appropriated for the program for Tribal transportation facility bridges, which shall be administered as if made available under the Tribal Transportation Program

Eligible uses: Funds can be used to plan, design, engineer, or construct bridges; to replace and rehabilitate bridges; and to improve bridges in poor condition.

Federal cost share requirement: 100 percent Federal share

Statutory location: Division J, Title VIII



Congestion Mitigation and Air Quality Improvement Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$13,200,000,000

Period of availability: 4 year

Funding mechanism: Formula Grant

New program: No. Existing Program with Changed Eligibilities

Recipients: States (including District of Columbia)

Description: The Bipartisan Infrastructure Law continues the Congestion Mitigation and Air Quality Improvement Program to provide a flexible funding source to State and local governments for transportation projects and programs to help meet the requirements of the Clean Air Act. Funding is available to reduce congestion and improve air quality for areas that do not meet the National Ambient Air Quality Standards for ozone, carbon monoxide, or particulate matter (nonattainment areas) and for former nonattainment areas that are now in compliance (maintenance areas).

Eligible uses: Transportation projects that reduce congestion and reduce the mobile source emissions for which an area has been designated nonattainment or maintenance for ozone, carbon monoxide, and particulate matter by the Environmental Protection Agency.

Federal cost share requirement: Typically, 80 percent Federal / 20 percent non-Federal (For interstate projects, 90 percent Federal/10 percent non-Federal). Waivers are available in some circumstances.

Statutory location: 11101; 11115



Bridge Investment Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$12,200,000,000

Period of availability: 4 year

Funding mechanism: Competitive Grant

New program: Yes

Recipients: State, metropolitan planning organization (representing an area with a population of more than 200,000), local government, special purpose district or public authority with a transportation function, Federal land management agency, Tribal government.

Description: The Bridge Investment Program will support projects to improve bridge and culvert condition, safety, efficiency, and reliability.

Eligible uses: Projects to replace, rehabilitate, preserve or protect one or more bridges on the National Bridge Inventory. Projects to replace or rehabilitate culverts to improve flood control and improve habitat connectivity for aquatic species.

Federal cost share requirement: 50 percent Federal share/50 percent non-Federal for a large project and 80 percent Federal share/20 percent non-Federal for any other eligible project.

Other Federal assistance may be used to satisfy the non-Federal share of the cost of a project, except the total Federal assistance provided for a project receiving a grant under the Bridge Investment Program may not exceed the Federal share for the project under 23 U.S.C. 120.

For an eligible project for an off-system bridge (defined in 23 U.S.C. 133(f)(1)), Federal assistance other than a grant under this program may be used to satisfy the non-Federal share of the cost of a project, but the total Federal assistance provided for the project shall not exceed 90 percent of the total eligible project costs.

Notwithstanding any other provision of law, a Federal Land Management Agency, a Tribal government, or a consortium of Tribal governments may use Federal funds other than those made available under 23 U.S.C. 124 to pay the remaining share of the cost of a project. Waivers are not available.

Statutory location: 11101; 11118



Grants for Planning, Feasibility Analysis, and Revenue Forecasting (Bridge Investment Program Set-aside)

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$100,000,000

Period of availability: 4 year

Funding mechanism: Competitive Grant

New program: Yes

Recipients: State, Metropolitan Planning Organization (with population greater than 200,000), Local government, Special purpose district or public authority with a transportation functions, Federal land management agency, Tribal government

Description: The Bridge Investment Program will support projects to improve bridge (and culvert) condition, safety, efficiency, and reliability.

Eligible uses: Planning, feasibility analysis, and revenue forecasting associated with the development of a project that would subsequently be eligible to apply for the Bridge Investment Program.

Federal cost share requirement: Generally, not to exceed Federal share under 23 U.S.C. 120; 90 percent Federal share for off-system bridges

Statutory location: 11101; 11118



Local and Regional Project Assistance Grants (RAISE)

Federal Agency: Department of Transportation

Bureau or Account: Office of the Secretary

Funding amount: \$7,500,000,000

Period of availability: 4 year

Funding mechanism: Competitive Grant

New program: No

Recipients: (A) A State; (B) the District of Columbia; (C) any territory or possession of the United States; (D) a unit of local government; (E) a public agency or publicly chartered authority established by 1 or more States; (E) a special purpose district or public authority with a transportation function, including a port authority; (F) a Tribal government or a consortium of Tribal governments; (G) a partnership between Amtrak and 1 or more entities described in (A) through (F); and (H) a group of entities described in (A) through (G).

Description: The RAISE program provides supplemental funding for grants to the State and local entities listed above on a competitive basis for projects that will have a significant local/regional impact.

Eligible uses: Projects eligible under RAISE include—a highway or bridge project eligible for assistance under title 23, United States Code; a public transportation project eligible for assistance under chapter 53 of title 49, United States Code; a passenger rail or freight rail transportation project eligible for assistance under title 49, United States Code; a port infrastructure investment, including inland port infrastructure and a land port-of-entry; the surface transportation components of certain eligible airport projects; a project for investment in a surface transportation facility located on Tribal land, the title or maintenance responsibility of which is vested in the Federal Government; a project to replace or rehabilitate a culvert or prevent stormwater runoff for the purpose of improving habitat for aquatic species; and any other surface transportation infrastructure project that the Secretary considers to be necessary to advance the goal of the program.

Federal cost share requirement: Grant can provide up to 60 percent of total project cost. Total Federal funding up to 80 percent of total project cost. Waivers are not available.

Statutory location: 21202



Nationally Significant Freight and Highway Projects (INFRA)

Federal Agency: Department of Transportation

Bureau or Account: Office of the Secretary

Funding amount: \$7,250,000,000

Period of availability: 4 year

Funding mechanism: Competitive Grant

New program: No

Recipients: (A) A State or a group of States.(B) A metropolitan planning organization that serves an urbanized area (as defined by the Bureau of the Census) with a population of more than 200,000 individuals.(C) A unit of local government or a group of local governments.(D) A political subdivision of a State or local government.(E) A special purpose district or public authority with a transportation function, including a port authority.(F) A Federal land management agency that applies jointly with a State or group of States.(G) A Tribal government or a consortium of Tribal governments.(H) A multiState corridor organization.(I) A multiState or multijurisdictional group of entities described in this paragraph.

Description: The Nationally Significant Freight and Highway Projects program, also known as “INFRA”, awards competitive grants for multimodal freight and highway projects of national or regional significance to improve the safety, efficiency, and reliability of the movement of freight and people in and across rural and urban areas.

Eligible uses: Projects that improve safety, generate economic benefits, reduce congestion, enhance resiliency, and hold the greatest promise to eliminate freight bottlenecks and improve critical freight movements.

Federal cost share requirement: 60 percent Federal/40 percent non-Federal, except for: (A) small projects described in 23 U.S.C. 117(e)(1), for which the Federal share of the cost of a project shall be 80 percent [80/20]; or (B) a grant under the pilot program under 23 U.S.C. 117(q). Waivers are not available.

Statutory location: 11101; 11110



State Incentives Pilot Program (Set-aside within Nationally Significant Freight and Highway Projects - INFRA)

Federal Agency: Department of Transportation

Bureau or Account: Office of the Secretary

Funding amount: \$750,000,000

Period of availability: 4 year

Funding mechanism: Competitive Grant

New program: Yes

Recipients: States, Metropolitan Planning Organizations, Tribal governments, special-purpose districts and port authorities with a transportation function, and local governments

Description: INFRA awards competitive grants for multimodal freight and highway projects of national or regional significance to improve the safety, efficiency, and reliability of the movement of freight and people.

Eligible uses: Projects that improve safety, generate economic benefits, reduce congestion, enhance resiliency, and hold the greatest promise to eliminate freight bottlenecks and improve critical freight movements.

Federal cost share requirement: 50 percent Federal/50 percent non-Federal. For grants awarded under the pilot program, an eligible applicant may not use Federal assistance to satisfy the non-Federal share of the cost, except funds from a secured loan may be used to satisfy the non-Federal share if the loan is repayable from non-Federal funds. Waivers are not available.

Statutory location: 11110



National Highway Freight Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$7,150,000,000

Period of availability: 4 year

Funding mechanism: Formula Grant

New program: No

Recipients: States (including District of Columbia)

Description: The National Highway Freight Program provides funds to the States, by formula, to improve the efficient movement of freight on the National Highway Freight Network.

Eligible uses: Projects that contribute to the efficient movement of freight on the National Highway Freight Network and are identified in a freight investment plan included in the State's freight plan. In addition, a State may use not more than 30 percent of its total National Highway Freight Program funds each year for freight intermodal or freight rail projects, subject to certain restrictions

Federal cost share requirement: Typically, 80 percent Federal / 20 percent non-Federal (for interstate projects 90 percent Federal/10 percent non-Federal). Waivers are available in some circumstances.

Statutory location: 11101; 11114



Carbon Reduction Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$6,419,999,998

Period of availability: 4 year

Funding mechanism: Formula Grant

New program: Yes

Recipients: States (including District of Columbia)

Description: The Carbon Reduction Program will provide formula grants to States to reduce transportation emissions or the development of carbon reduction strategies.

Eligible uses: States may use Carbon Reduction Program funds for projects that support the reduction of transportation emissions, including: the construction, planning, and design of trail facilities for pedestrians, bicyclists, and other nonmotorized forms of transportation; public transportation projects; and congestion management technologies.

Federal cost share requirement: Typically, 80 percent Federal / 20 percent non-Federal (for interstate projects 90 percent Federal/10 percent non-Federal). Waivers are available in some circumstances.

Statutory location: 11101; 11403



National Infrastructure Project Assistance (Megaprojects)

Federal Agency: Department of Transportation

Bureau or Account: Office of the Secretary

Funding amount: \$5,000,000,000

Period of availability: Available until expended

Funding mechanism: Competitive Grant

New program: Yes

Recipients: (A) A State or a group of States; (B) a metropolitan planning organization; (C) a unit of local government; (D) a political subdivision of a State; (E) a special purpose district or public authority with a transportation function, including a port authority;(F) a Tribal government or a consortium of Tribal governments;(G) a partnership between Amtrak and 1 or more entities described in subparagraphs (A) through (F); and (H) a group of entities described in any of subparagraphs (A) through (G).

Description: The National Infrastructure Project Assistance Program will support large, complex projects that are difficult to fund by other means and likely to generate national or regional economic, mobility, or safety benefits.

Eligible uses: Projects eligible under the Mega program include:

1. a highway or bridge project carried out on: the National Multimodal Freight Network; the National Highway Freight Network; or the National Highway System;
2. a freight intermodal (including public ports) or freight rail project that provides a public benefit;
3. a railway-highway grade separation or elimination project;
4. an intercity passenger rail project; and
5. public transportation projects that are eligible for Federal Transit Administration funding of title 49, United States Code, and are part of a project described above.

Federal cost share requirement: 75 percent Federal/25 percent non-Federal for New Compacts; 50 percent Federal/50 percent non-Federal for Existing Compacts. Waivers are not available.

Statutory location: 21201



Tribal Transportation Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$2,966,800,000

Period of availability: 4 year

Funding mechanism: Formula Grant Formula

New program: No

Recipients: Sovereign Federally-recognized Tribal governments

Description: The Tribal Transportation Program supports projects to provide safe and adequate multimodal transportation and public road access to and within Indian reservations, Tribal lands, and Alaska Native Village communities.

Eligible uses: Projects that support transportation safety, access, and mobility in Tribal communities.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 11101



Metropolitan Planning

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$2,280,000,000

Period of availability: 4 year

Funding mechanism: Formula Grant

New program: No

Recipients: Metropolitan Planning Organizations

Description: The Bipartisan Infrastructure Law continues the Metropolitan Planning Program, which establishes a cooperative, continuous, and comprehensive framework for making transportation investment decisions in metropolitan areas. Program oversight is a joint Federal Highway Administration/Federal Transit Administration responsibility.

Eligible uses: Metropolitan Planning Organizations use metropolitan planning funds for multimodal transportation planning and programming in metropolitan areas. Metropolitan planning activities include the collection and analysis of data on demographics, trends, and system performance; travel demand and system performance forecasting; identification and prioritization of transportation system improvement needs; and coordination of the planning process and decision-making with the public, elected officials, and stakeholder groups.

Federal cost share requirement: Typically, 80 percent Federal / 20 percent non-Federal (InterState 90 percent Federal/10 percent non-Federal). Waivers are available in some circumstances.

Statutory location: 11101; 11201



Rural Surface Transportation Grant Program

Federal Agency: Department of Transportation

Bureau or Account: Office of the Secretary

Funding amount: \$2,000,000,000

Period of availability: 4 year

Funding mechanism: Competitive Grant

New program: Yes

Recipients: State, Regional transportation planning organizations, Local governments, Tribal governments

Description: Rural Surface Transportation Grant Program will support projects to improve and expand the surface transportation infrastructure in rural areas to increase connectivity, improve the safety and reliability of the movement of people and freight, and generate regional economic growth and improve quality of life.

Eligible uses: Highway, bridge, or tunnel projects eligible under the National Highway Performance Program, Surface Transportation Block Grant Program, or the Tribal Transportation Program; highway freight project eligible under the National Highway Performance Program; highway safety improvement project; project on a publicly-owned highway or bridge improving access to certain facilities that support the economy of a rural area; integrated mobility management system, transportation demand management system, or on-demand mobility services.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal except 100 percent Federal for Appalachian Development Highway System, Denali Access System Program projects. Waivers are available for ADHS and Denali Access System Program.

Statutory location: 11101; 11132



Federal Lands Transportation Program (funds for National Park Service)

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$1,731,187,250

Period of availability: 4 year

Funding mechanism: Federal Spending

New program: No

Recipients: National Park Service

Description: The Federal Lands Transportation Program invests in the Nation's infrastructure and supports critical transportation needs within the country's transportation network by providing access within the national parks, forests, wildlife refuges, recreation areas, and other Federal public lands.

Eligible uses: Projects that improve multimodal transportation on roads, bridges, trails, transit systems, and other transportation facilities within the Federal estate on infrastructure primarily owned (or maintained) by the Federal Government.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 11101



Federal Lands Access Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$1,487,875,000

Period of availability: 4 year

Funding mechanism: Formula Grant

New program: No

Recipients: States

Description: The Federal Lands Access Program invests in the Nation's infrastructure by funding and supporting transportation facilities owned by State, county, local, and Tribal governments, which provide access to lands owned and operated by the Federal Government.

Eligible uses: Projects that improve multimodal transportation on roads, bridges, trails, transit systems, and other transportation facilities that access the Federal estate on infrastructure owned (or maintained) by States and local governments, with an emphasis on high-use Federal recreation sites and Federal economic generators.

Federal cost share requirement: Up to 100 percent Federal

Statutory location: 11101; 11113



Transportation Infrastructure Finance and Innovation Act

Federal Agency: Department of Transportation

Bureau or Account: Office of the Secretary

Funding amount: \$1,250,000,000 *Transportation Infrastructure Finance and Innovation Act will have a total of \$75 billion in lending capacity under the Bipartisan Infrastructure Law.*

Period of availability: 4 year

Funding mechanism: Loan

New program: No

Recipients: States (including District of Columbia and Puerto Rico), localities, or other public authorities, as well as private entities undertaking projects sponsored by public authorities

Description: The Transportation Infrastructure Finance and Innovation Act Program provides Federal credit assistance to eligible surface transportation projects.

Eligible uses: Surface transportation projects, including highway, transit, intercity passenger rail, some types of freight rail, intermodal freight transfer facilities, and some modifications inside a port terminal, and electrification of buses, ferries, trains, and associated infrastructure. The Bipartisan Infrastructure Law specifically provides new eligibility under the Transportation Infrastructure Finance and Innovation Act Program for airport projects and expanded authority for transit-oriented development.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal

Statutory location: 11101



Appalachian Development Highway System

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$1,250,000,000

Period of availability: Available until expended

Funding mechanism: Formula grant to specific States in this region

New program: No

Recipients: Appalachian States

Description: The Appalachian Development Highway System Program will distribute funds for construction of the Appalachian Development Highway System by formula to States with one or more counties (including any political subdivision within the area) in the Appalachian Region.

Eligible uses: Construction of specific projects to complete the Appalachian Development Highway System

Federal cost share requirement: No non-Federal cost share required

Statutory location: 11132



National Culvert Removal, Replacement, & Restoration Grant

Federal Agency: Department of Transportation

Bureau or Account: Office of the Secretary

Funding amount: \$1,000,000,000

Period of availability: Available until expended

Funding mechanism: Competitive Grant

New program: Yes

Recipients: (1) A State; (2) a unit of local government; or (3) an Tribe.

Description: The Office of the Secretary's National Culvert Removal, Replacement and Restoration program provides supplemental funding for grants to a State, local government, or an Tribe on a competitive basis for projects that replace, remove, and/or repair culverts or weirs.

Eligible uses: Establish an annual competitive grant program to award grants to eligible entities for projects for the replacement, removal, and repair of culverts or weirs that: (1) would meaningfully improve or restore fish passage for anadromous fish; and (2) with respect to weirs, may include (A) infrastructure to facilitate fish passage around or over the weir and (B) weir improvements.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal cost share for urban projects and up to 100 percent Federal funding for projects located in rural areas or historically disadvantaged communities.

Statutory location: 21203



Reconnecting Communities Pilot Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$1,000,000,000

Period of availability: Available until expended

Funding mechanism: Competitive Grant

New program: Yes

Recipients: Owner of an eligible facility (may partner with any of the eligible entities for a planning grant)

Description: Reconnecting Communities Pilot Program will restore community connectivity by removing, retrofitting, or mitigating highways or other transportation facilities that create barriers to community connectivity, including to mobility, access, or economic development

Eligible uses: Grants ($\geq \$5$ million) for capital construction projects, including the removal and replacement of eligible facilities. Planning grants ($\leq \$2$ million).

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are not available.

Statutory location: 11101; 11509



Puerto Rico Highway Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$900,995,000

Period of availability: 4 year

Funding mechanism: Grant Allocated Program

New program: No

Recipients: Puerto Rico

Description: The Puerto Rico Highway Program provides funding to carry out a highway program in the Commonwealth of Puerto Rico.

Eligible uses: Projects eligible under the National Highway Performance Program, the Highway Safety Improvement Program, and for any purpose under chapter 1 of title 23, United States Code. Funding split among these eligibilities is outlined in law.

Federal cost share requirement: Typically, 80 percent Federal / 20 percent non-Federal (for interstate projects 90 percent Federal/10 percent non-Federal). Waivers are available in some circumstances.

Statutory location: 11126



Advanced Transportation Technologies & Innovative Mobility Deployment

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$900,000,000

Period of availability: Available until expended

Funding mechanism: Competitive Grants, Cooperative Agreements, other contracts

New program: No

Recipients: State or local government, a transit agency, metropolitan planning organization, or a multi-jurisdictional group or a consortia of research institutions or academic institutions. The term “multi-jurisdictional group” means any combination of State governments, local governments, metropolitan planning agencies, or transit agencies that have signed a written agreement to implement the advanced transportation technologies deployment initiative across jurisdictional boundaries.

Description: The Advanced Transportation Technologies & Innovative Mobility Deployment program will make competitive grants to deploy, install, and operate advanced transportation technologies.

Eligible uses: Grants should improve safety, mobility, efficiency, system performance, intermodal connectivity, and infrastructure return on investment

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are not available.

Statutory location: 13006



Highway Research & Development Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$310,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: Varies.

Description: The Highway Research and Development Program performs research and development to produce transformative solutions to improve safety, foster innovation, accelerate projects, and better meet operations, policy, and infrastructure needs.

Eligible uses: The programs under the Federal Highway Administration's research and development portfolio cover exploratory advanced research, applied research and development, and initial testing of technological solutions that address emerging needs and support the infrastructure of the future. Federal Highway Administration's research programs seek to improve safety, reduce congestion, enhance infrastructure design and construction, and provide data and analyses to decision-makers throughout the transportation community.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal

Statutory location: 11101



Nationally Significant Federal Lands and Tribal Projects

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$275,000,000

Period of availability: 4 year

Funding mechanism: Competitive Grant

New program: No

Recipients: Any entity eligible to receive funding under the Tribal Transportation Program, Federal Lands Transportation Program, or Federal Lands Access Program. In addition, a State, county, or local government may apply if sponsored by an eligible Federal land management agency or Tribe.

Description: The Nationally Significant Federal Lands and Tribal Projects program provides funding for the construction, reconstruction, and rehabilitation of nationally-significant Federal lands transportation projects and Tribal transportation projects.

Eligible uses: Eligible projects are projects that are on a Federal lands transportation facility, a Federal lands access facility, or a Tribal transportation facility.

Federal cost share requirement: 90 percent Federal / 10 percent non-Federal. Waivers are available for Tribes.

Statutory location: 11101; 11127



Congestion Relief Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$250,000,000

Period of availability: 4 year

Funding mechanism: Competitive Grant

New program: Yes

Recipients: State, Metropolitan Planning Organization, city or municipality.

Description: Advance innovative, integrated, and multimodal solutions to reduce congestion and the related economic and environmental costs in the most congested metropolitan areas with an urbanized area population of 1 million+.

Eligible uses: Planning, design, implementation, and construction activities to achieve the program goals, including: deployment and operation of integrated congestion management systems, systems that implement or enforce high occupancy vehicle toll lanes or pricing strategies, or mobility services; and incentive programs that encourage carpooling, nonhighway travel during peak periods, or travel during nonpeak periods. Subject to certain requirements and approval by the Secretary, provides for tolling on the InterState System as part of a project carried out with a grant under the program.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are not available.

Statutory location: 11101; 11404



Intelligent Transportation Systems Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$250,000,000

Period of availability: Available until expended

Funding mechanism: Grants, Cooperative Agreements, other contracts

New program: No

Recipients: Federal Highway Administration Research, Technology, and Education Program

Description: The Intelligent Transportation Systems (ITS) Program fosters innovation in transportation through the deployment of technology to enhance safety and efficiency while reducing environmental impacts of surface transportation, resulting in improved access and convenience, saved lives and time, and increased productivity.

Eligible uses: Innovative research and rapid deployment of applications and tools that facilitate a safe, connected, integrated, and automated transportation system.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal for ITS research and development activities under 23 U.S.C. 516; otherwise, default provisions of 23 U.S.C. 120 apply. Waivers are not available.

Statutory location: 11101; 11304



Territorial Highway Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$239,505,000

Period of availability: 4 year

Funding mechanism: Grant Apportioned Program

New program: No

Recipients: American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, and the U.S. Virgin Islands

Description: The Territorial Highway Program supports the construction and improvement of a system of arterial and collector highways and necessary inter-island connectors.

Eligible uses: Funds provided to the four territories may be used for projects eligible under the Surface Transportation Block Grant Program; preventive maintenance; ferry boats, terminals, and approach roadways; engineering, economic and planning studies; regulation and equitable taxation of highways; and research and development.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 11126



Tribal Transportation Facility Bridge (Set-aside)

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$200,000,000

Period of availability: 4 year

Funding mechanism: Competitive grant

New program: Yes

Recipients: Tribal government

Description: The Bridge Investment Program will support projects to improve bridge (and culvert) condition, safety, efficiency, and reliability.

Eligible uses: Projects to replace, rehabilitate, preserve or protect one or more bridges on the National Bridge Inventory. Projects to replace or rehabilitate culverts to improve flood control and improve habitat connectivity for aquatic species.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 11101; 11118



Federal Lands Transportation Program (Funding for U.S. Fish & Wildlife Service)

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$180,000,000

Period of availability: 4 year

Funding mechanism: Federal Spending

New program: No

Recipients: Federal Land Management Agencies

Description: The Federal Lands Transportation Program invests in the Nation's infrastructure and supports critical transportation needs within the country's transportation network by providing access within the national parks, forests, wildlife refuges, recreation areas, and other Federal public lands.

Eligible uses: Projects that improve multimodal transportation on roads, bridges, trails, transit systems, and other transportation facilities within the Federal estate on infrastructure primarily owned (or maintained) by the Federal Government.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 11101



Federal Lands Transportation Program (For other Federal Land Management Agencies)

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$153,637,750

Period of availability: 4 year

Funding mechanism: Competitive Grant

New program: No

Recipients: Federal Land Management Agencies (other than US Fish & Wildlife and the National Park Service)

Description: The Federal Lands Transportation Program invests in the Nation's infrastructure and supports critical transportation needs within the country's transportation network by providing access within the national parks, forests, wildlife refuges, recreation areas, and other Federal public lands.

Eligible uses: Projects that improve multimodal transportation on roads, bridges, trails, transit systems, and other transportation facilities within the Federal estate on infrastructure primarily owned (or maintained) by the Federal Government.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 11101; 11112



Federal Lands Transportation Program (Funding for U.S. Forest Service)

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$130,000,000

Period of availability: 4 year

Funding mechanism: Direct Federal spending

New program: No

Recipients: Federal Land Management Agencies

Description: The Federal Lands Transportation Program invests in the Nation's infrastructure and supports critical transportation needs within the country's transportation network by providing access within the national parks, forests, wildlife refuges, recreation areas, and other Federal public lands.

Eligible uses: Projects that improve multimodal transportation on roads, bridges, trails, transit systems, and other transportation facilities within the Federal estate on infrastructure primarily owned (or maintained) by the Federal Government.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 11101



Accelerated Implementation and Deployment of Advanced Digital Construction Management Systems (Set-aside)

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$100,000,000

Period of availability: Available until expended

Funding mechanism: Competitive Grants, Cooperative Agreements, other contracts

New program: No

Recipients: Federal Highway Administration Research, Technology, and Education Program

Description: The Accelerated Implementation and Deployment of Advanced Digital Construction Management Systems will promote, implement, deploy, demonstrate, showcase, support, and document the application of advanced digital construction management systems, practices, performance, and benefits.

Eligible uses: Promotion, implementation, deployment, demonstration, showcase, support, and documentation of the application of advanced digital construction management systems.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are available if there is substantial public interest/benefit (23 U.S.C. 502(c)(3)).

Statutory location: 13006



Strategic Innovation for Revenue Collection (Set-aside)

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$75,000,000

Period of availability: Available until expended

Funding mechanism: Grants, Cooperative Agreements, other contracts

New program: No

Recipients: States, Metropolitan Planning Organizations, and Local governments

Description: Requires Department of Transportation to test the feasibility of a road usage fee and other user-based alternative revenue mechanisms to help maintain the long-term solvency of the Highway Trust Fund, through pilot projects at the State, local, and regional level.

Eligible uses: Road usage fee and other user-based alternative revenue mechanisms projects.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal (for entities that have not otherwise received a grant under the section); 70 percent Federal / 30 percent non-Federal (for entities that have received at least 1 other grant under the section). Waivers are not available.

Statutory location: 13001



Accelerated Implementation and Deployment of Pavement Technologies (Set-aside)

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$60,000,000

Period of availability: Available until expended

Funding mechanism: Grants, Cooperative Agreements, other contracts

New program: No

Recipients: Federal Highway Administration Research, Technology, and Education Program

Description: Provides a coordinated and cohesive approach to advance research and development of technologies with deployment activities regarding highway pavements and the materials from which highway infrastructure is constructed.

Eligible uses: Activities are focused on providing tools, technologies and guidance, and supporting updated policies, to improve the safety, durability, sustainability and cost-effectiveness of highway pavements, and the materials from which highway infrastructure is constructed.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are available if there is substantial public interest/benefit (23 U.S.C. 502(c)(3)).

Statutory location: 13006



National Motor Vehicle Per-Mile User Fee Pilot (Set-aside)

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$50,000,000

Period of availability: Available until expended

Funding mechanism: Grants, Cooperative Agreements, other contracts

New program: Yes

Recipients: States

Description: The purpose of this pilot program is to demonstrate a national motor vehicle per-mile user fee to restore and maintain the long-term solvency of the Highway Trust Fund and to improve and maintain the surface transportation system.

Eligible uses: Pilot projects on per-mile user fees.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal

Statutory location: 13002



Disadvantaged Business Enterprises

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$50,000,000

Period of availability: Available until expended

Funding mechanism: Contract Authority, Competitive Grant, Allocation

New program: No

Recipients: States

Description: The Disadvantaged Business Enterprise program assists small and disadvantaged firms with building capacity and improving their ability to compete for Federal-aid highway contracts.

Eligible uses: The Disadvantaged Business Enterprise program supports the ability of State departments of transportation to achieve the objectives of the Disadvantaged Business Enterprise program, which are to ensure nondiscrimination and allow small businesses owned primarily by minorities and women to compete fairly for Department of Transportation-assisted contracts in the transportation industry

Federal cost share requirement: No non-Federal cost share required

Statutory location:



On-the-Job Training Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$50,000,000

Period of availability: Available until expended

Funding mechanism: Competitive Grant, Allocation

New program: No

Recipients: States

Description: The On-the-Job Training program helps develop the capacity of the Nation's current and future highway construction industry workforce by providing the development and diversity of skilled labor.

Eligible uses: The On-the-Job Training Program directly supports the requirement that prime contractors participating on Federally-assisted contracts to establish apprenticeship and training programs targeted to move minorities, women, and disadvantaged individuals into journey-level positions and provides funds for State departments of transportation to implement skills training programs to prepare individuals to participate in the highway construction workforce as trainees and apprentices on Federally-assisted construction contracts. Additionally, funding is provided to States to partner with accredited academic institutions for the National Summer Transportation Institute program focused on science, technology, engineering, and math opportunities for high school and junior high/middle school students to learn about, and become familiar with, transportation-related career options. Funding also supports the Summer Transportation Internship Program for Diverse Groups, which provides internship opportunities for college students to engage with Department of Transportation modes to work in a transportation-related career field.

Federal cost share requirement: Varies based on application of 23 USC 120. Waivers are available in some circumstances.

Statutory location:



Tribal High Priority Projects Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$45,000,000

Period of availability: 4 year

Funding mechanism: Competitive Grant

New program: No

Recipients: Sovereign Federally-recognized Tribal governments

Description: The Tribal High Priority Projects Program provides funding to Tribes or a governmental subdivision of an Tribe whose annual allocation of funding received under the Tribal Transportation Program is insufficient to complete the highest priority project of the Tribe, or to any Tribe that has an emergency or disaster occur on a Tribal transportation facility that renders the facility impassible or unusable.

Eligible uses: Highest priority projects, emergency or disaster related projects

Federal cost share requirement: No non-Federal cost share required

Statutory location: 11128



Highway Use Tax Evasion Projects

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$20,000,000

Period of availability: 4 year

Funding mechanism: Competitive Grant, Allocation

New program: No

Recipients: States, Internal Revenue Service

Description: The Highway Use Tax Evasion Projects program provides funding to the Internal Revenue Service and the States to carry out intergovernmental enforcement efforts, along with training and research, to reduce evasion of payment of motor fuel and other highway use taxes, which are the principal sources for Federal and State highway funding.

Eligible uses: Intergovernmental enforcement efforts, along with training and research, to reduce evasion of payment of motor fuel and other highway use taxes.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 11120



Passenger and Freight Rail

Challenge: U.S. passenger rail lags behind the rest of the world in reliability, speed, and coverage. The Bipartisan Infrastructure Law is a once-in-a-generation opportunity to position our railways to play a central role in our transportation and economic future. Our rail networks have the potential to offer safe, reliable, efficient, and climate-friendly alternatives to driving or flying.

Solutions: The Bipartisan Infrastructure Law invests \$66 billion in advanced appropriations and authorizes up to an additional \$36 billion over the next five years for Department of Transportation's rail programs. This includes funding to modernize the Northeast Corridor, and bring world-class rail service to areas outside the northeast and mid-Atlantic; refurbish Amtrak's fleet and facilities; and upgrade freight rail service in rural communities and on shared freight-passenger routes. This legislation enables the Federal Railroad Administration to lay the foundation for a sustainable rail investment program, on par with other modes of transportation, that advances safe, clean, equitable, and efficient world-class passenger and freight rail.

Funding Overview: The Federal Railroad Administration's funding falls into five major programs (1) Amtrak, (2) the Federal-State Partnership for Intercity Passenger Rail Grant Program, (3) the Consolidated Rail Infrastructure and Safety Improvements Grant Program, (4) the Railroad Crossing Elimination Grant Program, and (5) the Restoration and Enhancements Grant Program.

The funding allocated towards **Amtrak** is broken into two categories: (1) Amtrak Northeast Corridor, and (2) Amtrak National Network. In general, the funds for Amtrak are to be used for capital projects to address Amtrak's State of good repair backlog, including funding for infrastructure, fleet replacement, and ADA updates.

The **Consolidated Rail Infrastructure and Safety Improvements Grant Program** will fund projects that improve the safety, efficiency, and reliability of intercity passenger and freight rail. This program leverages private, State, and local investments to support safety enhancements and general improvements to infrastructure.

The **Railroad Crossing Elimination Grant Program** provides funds for the mitigation or elimination of hazards at railway-highway crossings. This is a new grant program enacted in the Bipartisan Infrastructure Law.

The **Federal-State Partnership for Intercity Passenger Rail Grant Program** provides funds for capital projects that reduce the State of good repair backlog, improve performance, or expand or establish new intercity passenger rail service. This program was significantly revised under the Bipartisan Infrastructure Law, providing direction specific to the Northeast Corridor and non-Northeast Corridor projects. While there is



only a single grant program, the funding is broken into two categories: (1) Northeast Corridor, and (2) projects off the Northeast Corridor.

The **Restoration and Enhancements Grant Program** provides operating assistance to initiate, restore, or enhance intercity passenger rail service.

From the funding provided above, Bipartisan Infrastructure Law also authorizes two additional rail programs: the Corridor Identification and Development Program and the Interstate Rail Compact Program.

The **Corridor Identification and Development Program** will identify new intercity passenger rail corridors, develop the necessary service planning elements, and create a Project Pipeline for associated capital projects off the Northeast Corridor.

The **Interstate Rail Compacts Grant Program** will provide funding for interstate rail compacts' administrative costs and to conduct railroad systems planning, promotion of intercity passenger rail operations, and the preparation of grant applications.

Getting Ready:

Potential applicants should start to identify projects now. More information about the new rail programs in the Bipartisan Infrastructure Law can be found on the Federal Rail Administration's dedicated Bipartisan Infrastructure Law page [here](#). All new Notices of Funding Opportunities will be posted [here](#).

Existing Resources:

- Details about Federal Rail Administration's competitive discretionary grant programs can be found [here](#), and information on Amtrak can be found [here](#).
- More information about the new rail programs in the Bipartisan Infrastructure Law can be found on the [Federal Rail Administration's dedicated Bipartisan Infrastructure Law page](#).
- The Federal Rail Administration provides technical assistance to grantees through webinars and other on-demand resources. Additional information about the Federal Rail Administration's [competitive grants application process](#), [State and regional rail planning](#), [training and guidance](#), and recordings of [past webinars](#) can be found on the Federal Rail Administration's website.
- The Federal Rail Administration also provides oversight and subject matter expertise to projects funded under the Railroad Rehabilitation & Improvement Financing loan program that is managed by the Department's Build America Bureau. More information on Railroad Rehabilitation & Improvement Financing can be found [here](#).



Program Name	Agency Name	Funding Amount
Federal-State Partnership for Intercity Passenger Rail Grants	Department of Transportation	\$36,000,000,000
Amtrak National Network Grants	Department of Transportation	\$15,750,000,000
Amtrak Northeast Corridor Grants	Department of Transportation	\$6,000,000,000
Consolidated Rail Infrastructure and Safety Improvement Grants	Department of Transportation	\$5,000,000,000
Restoration & Enhancement Grant Program	Department of Transportation	\$250,000,000
TOTAL - PASSENGER AND FREIGHT RAIL		\$63,000,000,000



Federal-State Partnership for Intercity Passenger Rail Grants

Federal Agency: Department of Transportation

Bureau or Account: Federal Railroad Administration

Funding amount: \$36,000,000,000

Period of availability: Available until expended

Funding mechanism: Competitive Grant

New program: No, but the program has been substantially revised.

Recipients: States, including the District of Columbia; A group of States; An InterState Compact; A public agency or publicly chartered authority established by one or more States; A political subdivision of a State; Amtrak, acting on its own behalf or under a cooperative agreement with one or more States; Federally recognized Tribe; Any combination of the entities above.

Description: To fund capital projects that reduce the State of good repair backlog, improve performance, or expand or establish new intercity passenger rail service, including privately operated intercity passenger rail service if an eligible applicant is involved.

Eligible uses: (1) Projects to replace, rehabilitate, or repair infrastructure, equipment, or a facility used for providing intercity passenger rail service to bring such assets into a State of good repair; (2) projects to improve intercity passenger rail service performance, including reduced trip times, increased train frequencies, higher operating speeds, improved reliability, expanded capacity, reduced congestion, electrification, and other improvements, as determined by the Secretary; (3) projects to expand or establish new intercity passenger rail service; and (4) a group of related projects described previously. The planning, environmental review, and final design of an eligible project or group of projects is also eligible. Preference to eligible projects: (1) for which Amtrak is not the sole applicant; (2) the improve the financial performance, reliability, service frequency, or address the State of good repair of an Amtrak route; and (3) that are identified in, and consistent with, a corridor inventory prepared under the Corridor Identification and Development Program pursuant to section 25101.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are not available.

Statutory location: 24911



Amtrak National Network Grants

Federal Agency: Department of Transportation

Bureau or Account: Federal Railroad Administration

Funding amount: \$15,750,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: Amtrak

Description: To provide funding for capital projects to eliminate Amtrak's backlog of deferred maintenance of rolling stock, facilities, stations, and infrastructure on the National Network.

Eligible uses: (1) Acquiring new passenger rail rolling stock to replace Amtrak's aging and obsolete passenger equipment fleet (and related facilities); (2) bringing Amtrak-served stations into compliance with the Americans with Disabilities Act; (3) eliminating the backlog of deferred capital work on Amtrak-owned railroad assets not located on the Northeast Corridor; and (4) projects to eliminate the backlog of obsolete assets associated with Amtrak's national rail passenger transportation system, such as systems for reservations, security, training centers, and technology.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 22101



Amtrak Northeast Corridor Grants

Federal Agency: Department of Transportation

Bureau or Account: Federal Railroad Administration

Funding amount: \$6,000,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: Amtrak

Description: To provide funding for capital projects to eliminate Amtrak's backlog of obsolete assets and deferred maintenance of rolling stock, facilities, stations, and infrastructure on the Northeast Corridor.

Eligible uses: Eligible projects include: (1) acquiring new passenger rail rolling stock to replace Amtrak's aging and obsolete passenger equipment fleet (and related facilities); (2) bringing Amtrak-served stations into compliance with the Americans with Disabilities Act; (3) eliminating the backlog of deferred capital work on sole-benefit Amtrak-owned assets located on the Northeast Corridor; and (4) carrying out Northeast Corridor capital renewal backlog projects. Funds may also be used as the non-Federal match for projects under the Federal-State Partnership for Intercity Passenger Rail Program.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 22101



Consolidated Rail Infrastructure and Safety Improvement Grants

Federal Agency: Department of Transportation

Bureau or Account: Federal Railroad Administration

Funding amount: \$5,000,000,000

Period of availability: Available until expended

Funding mechanism: Competitive Grant

New program: No

Recipients: States, including the District of Columbia. A group of States. An InterState Compact. A public agency or publicly chartered authority established by 1 or more States. A political subdivision of a State. Amtrak and other rail carriers providing intercity rail passenger transportation. Class II/III Railroads and associations that represent Class II/III Railroads. Rail carriers & equipment manufacturers, in partnership with at least 1 of the first 5 entities above. Federally recognized Tribes. Transportation Research Board. University Transportation Centers engaged in rail-related research. Non-profit labor organizations representing rail employees.

Description: To fund projects that improve the safety, efficiency, and reliability of intercity passenger and freight rail.

Eligible uses: Eligible projects include a wide range of freight and passenger rail capital, safety technology deployment, planning, environmental analyses, research, workforce development, and training projects. New eligibilities include: (1) measures to prevent trespassing on railroad property; (2) preparation of emergency plans for communities through which hazardous materials are transported by rail; (3) research, development, and testing to advance innovative rail projects; and (4) rehabilitating, remanufacturing, procuring, or overhauling locomotives to reduce emissions.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal with statutory preference for 50/50. Waivers are not available.

Statutory location: 22907



Restoration & Enhancement Grant Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Railroad Administration

Funding amount: \$250,000,000

Period of availability: Available until expended

Funding mechanism: Competitive Grant

New program: No

Recipients: States, including the District of Columbia. An entity implementing an interstate compact. A public agency/publicly chartered authority established by 1 or more States. A political subdivision of a State. Federally recognized Tribes. Amtrak & Other IPR Carriers. Rail Carriers in partnership with at least 1 of the entities described above.

Description: To provide operating assistance to initiate, restore, or enhance intercity passenger rail service.

Key Changes to existing program:

New priority to applications for routes selected under the Corridor Identification and Development Program and operated by Amtrak. Grants may provide operating assistance for up to six years, and may not exceed: 90 percent of the projected net operating costs for the first year of service; 80 percent of the projected net operating costs for the second year of service; 70 percent of the projected net operating costs for the third year of service; 60 percent of the projected net operating costs for the fourth year of service; 50 percent of the projected net operating costs for the fifth year of service; and 30 percent of the projected net operating costs for the sixth year of service.

Eligible uses: (1) Establishing new services; (2) additional frequencies; (3) service extensions; (4) offering new on-board services. Examples of eligible expenses can include: train engineer staffing, fuel, train dispatching, station management, and overhead.

Federal cost share requirement: Year 1 - 90 percent Federal / 10 percent non-Federal; Year 2 - 80 percent Federal / 20 percent non-Federal; Year 3 - 70 percent Federal / 30 percent non-Federal; Year 4 - 60 percent Federal / 40 percent non-Federal; Year 5 - 50 percent Federal / 50 percent non-Federal; Year 6 - 30 percent Federal / 70 percent non-Federal. Waivers are not available.

Statutory location: 22908



Public Transportation

Challenge: America's public transit infrastructure has faced decades of underinvestment— with an estimated \$105 billion repair backlog, representing more than 24,000 buses and vans, 5,000 rail cars, 200 passenger stations, 300 maintenance facilities, and thousands of miles of track, guideway, signals, and power systems in need of repair or replacement. Communities of color are twice as likely to take public transportation, and many of these communities lack sufficient public transit options. Switching from personal vehicle use to public transit can also reduce greenhouse gas emissions for the transportation sector, which is now the largest single source of emissions in the country.

Solutions: The Bipartisan Infrastructure Law invests \$91.2 billion to repair and modernize transit. The legislation supports expanded public transportation choices nationwide, replacing thousands of deficient transit vehicles, including buses, with clean, zero emission vehicles, and improving accessibility for the elderly and people with disabilities.

Funding Overview: Transit funding falls into three major categories (1) Mass Transit Account of the Highway Trust Fund (\$69.9 billion), (2) Supplemental Appropriations (\$21.3 billion), and , (3) General Funds Subject to Appropriation (\$17 billion).

The Bipartisan Infrastructure Law includes a five-year reauthorization for the Federal Transit Administration programs at the Department of Transportation. Highlights of the Federal Transit Administration's Bipartisan Infrastructure Law authorities include:

Federal Transit Administration Capital Investment Grants (\$8² billion in total from reauthorization and advanced appropriations) are used to support new and expanded high-capacity rail and bus service. The program includes New Starts for the construction of new systems and expansion of existing systems, Small Starts for projects with capital costs less than \$400 million, and Core Capacity for projects that upgrade existing corridors to handle increased demand. The Federal Transit Administration also supports the pilot program for Expedited Project Delivery for new high-capacity transit projects.

The Federal Transit Administration **Low or No Emission (Bus) Grants** (\$5.6 billion) provides funding to State and local governments for the purchase or lease of zero-emission and low-emission transit buses, including acquisition, construction, and leasing of required supporting facilities. 5 percent of the funding for zero emission buses within this program will also support workforce development training so transit operators and mechanics can learn how to maintain and operate zero emission vehicles.

² \$8 billion is provided through the Bipartisan Infrastructure Law in advanced appropriations, an additional \$15 billion is authorized under Division C of the Bipartisan Infrastructure Law for a total program level of \$23 billion.



Lastly, two programs supporting Accessibility are the (1) All Stations Accessibility Program (\$1.75 billion) and (2) additional funding for the Enhanced Mobility of Seniors and Individuals with Disabilities Formula Program (\$2.2 billion). The All Stations Accessibility Program, a new program under the Bipartisan Infrastructure Law, provides funds to eliminate rail station barriers to access for persons with disabilities while the Enhanced Mobility of Seniors and Individuals with Disabilities Program, an existing program, increases funding to provide mobility options to seniors and persons with disabilities.

Getting Ready:

Bipartisan Infrastructure Law Program Changes – All potential recipients can learn about Bipartisan Infrastructure Law changes to the Federal transit program by reviewing the [Federal Transit Administration Program Fact Sheets](#).

Formula Grant Programs – Potential recipients can review [Federal Transit Administration Apportionment Notices](#), which will include both funding program levels and specific Fiscal Year 2022 funding information for recipients of formula funding.

Competitive Grant Programs – Potential recipients can review the [Federal Transit Administration Notices of Funding Opportunity](#) for competitive grant programs. Notices will be published throughout 2022.

To sign up for Federal Transit Administration updates regarding grant programs and other news, please visit [here](#).

Existing Resources:

- The American Rescue Plan includes \$30.5 billion in Federal funding to support public transportation systems. Information on American Rescue Plan funding can be found [here](#).
- A full list of Federal Transit Administration grant programs can be found [here](#).
- A list of Federal Transit Administration-sponsored technical assistance centers can be found [here](#).



Program Name	Agency Name	Funding Amount
Urbanized Area Formula Grants	Department of Transportation	\$33,390,947,107
State of Good Repair Formula Grants	Department of Transportation	\$21,640,412,832
Capital Investment Grants	Department of Transportation	\$8,000,000,000
Formula Grants for Rural Areas	Department of Transportation	\$4,109,463,374
Bus and Bus Facilities Formula Grants	Department of Transportation	\$3,161,294,400
Enhanced Mobility of Seniors and Individuals with Disabilities	Department of Transportation	\$2,193,105,343
Ferry Service for Rural Communities	Department of Transportation	\$2,000,000,000
Bus and Bus Facilities Competitive Grants	Department of Transportation	\$1,966,392,169
All Stations Accessibility Program	Department of Transportation	\$1,750,000,000
Rail Vehicle Replacement Grants	Department of Transportation	\$1,500,000,000
Metropolitan Transportation Planning Program	Department of Transportation	\$799,441,834
University Transportation Centers (UTC) Program	Department of Transportation	\$500,000,000
Strengthening Mobility and Revolutionizing Transportation (SMART) Grants	Department of Transportation	\$500,000,000
Public Transportation on Indian Reservations Formula	Department of Transportation	\$183,250,437
Statewide Transportation Planning	Department of Transportation	\$167,001,389
Urbanized Area Passenger Ferry Program	Department of Transportation	\$150,000,000
Appalachian Development Public Transportation Assistance Program	Department of Transportation	\$137,437,828
Research, Development, Demonstration and Deployment Projects	Department of Transportation	\$132,218,677
Rural Transportation Assistance Program	Department of Transportation	\$91,552,911
Pilot Program for Transit Oriented Development	Department of Transportation	\$68,864,631
Public Transportation on Indian Reservations Competitive	Department of Transportation	\$45,812,610
Transit Cooperative Research Program	Department of Transportation	\$34,432,315
Public Transportation Technical Assistance and Workforce Development	Department of Transportation	\$27,545,852
Pilot Program for Enhanced Mobility	Department of Transportation	\$24,102,620
National Rural Transportation Assistance Program	Department of Transportation	\$13,743,783
TOTAL - PUBLIC TRANSPORTATION		\$82,587,020,112



Urbanized Area Formula Grants

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$33,390,947,107 *Approximately \$3.3 billion will also be provided from the Growing States and High-Density States formula factors.*

Period of availability: Year of Allocation + 5

Funding mechanism: Formula Grant

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized)

Description: The Urbanized Area Formula Funding program (49 U.S.C. 5307) makes Federal resources available to urbanized areas and to governors for transit capital and operating assistance in urbanized areas and for transportation-related planning. An urbanized area is an incorporated area with a population of 50,000 or more that is designated as such by the U.S. Department of Commerce, Bureau of the Census. Operating expenses are only eligible for urbanized areas under 200,000 in population or recipients with 100 or fewer buses. Funds are also provided to States for State safety oversight activities.

Eligible uses: Planning, Capital, Operating Assistance

Federal cost share requirement: Varies. Waivers are not available.

Statutory location: 30017



State of Good Repair Formula Grants

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$21,640,412,832

Period of availability: Year of Apportionment + 3

Funding mechanism: Formula Grant

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized)

Description: To assist in funding capital projects for existing fixed guideway systems (including rail, bus rapid transit, and passenger ferries) and high intensity motorbus systems (buses operating in high-occupancy vehicle lanes) to maintain public transportation systems in a State of good repair and to ensure public transit operates safely, efficiently, reliably, and sustainably so that communities can offer balanced transportation choices that helps to improve mobility, reduce congestion, and encourage economic development.

Eligible uses: Capital

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are not available.

Statutory location: 30017

Note: This program was called 'State of Good Repair Grants' in previous versions of this Guidebook.



Capital Investment Grants

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$8,000,000,000

Period of availability: Year of Allocation to Project + 3

Funding mechanism: Competitive Grant

New program: No

Recipients: State and local government agencies, including transit agencies.

Description: This Federal Transit Administration discretionary grant program funds transit capital investments, including heavy rail, commuter rail, light rail, streetcars, and bus rapid transit. Federal transit law requires transit agencies seeking Capital Investment Grants funding to complete a series of steps over several years. The law also requires projects to be rated by the Federal Transit Administration at various points in the process according to statutory criteria evaluating project justification and local financial commitment.

Eligible uses: Grants may be made under this program to State and local governmental authorities to assist in financing (1) new fixed guideway capital projects or small start projects, including the acquisition of real property, the initial acquisition of rolling stock for the system, the acquisition of rights-of-way, and relocation, for fixed guideway corridor development for projects in the advanced stages of project development or engineering; and (2) core capacity improvement projects, including the acquisition of real property, the acquisition of rights-of-way, double tracking, signalization improvements, electrification, expanding system platforms, acquisition of rolling stock associated with corridor improvements increasing capacity, construction of infill stations, and such other capacity improvement projects to increase the capacity of an existing fixed guideway system corridor by at least 10 percent. Core capacity improvement projects do not include elements to improve general station facilities or parking, or acquisition of rolling stock alone.

Federal cost share requirement: Maximum allowed up to 80 percent Federal cost / 20 percent non-Federal cost or 60 percent Federal cost / 40 percent non-Federal cost depending on project type. Waivers are not available.

Statutory location: 30005



Formula Grants for Rural Areas

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$4,109,463,374 *Approximately \$586 million will also be provided from the Growing States formula factors.*

Period of availability: Year of Apportionment + 2

Funding mechanism: Formula Grant

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized), Nonprofits with 501(c)(3) status, Nonprofits - without 501(c)(3) status, private for-profit Intercity Bus carriers

Description: To improve, initiate, or continue public transportation service in nonurbanized areas (rural areas and small cities under 50,000 in population) and to provide technical assistance for rural transportation providers. The Section 5311 program supports both the maintenance of existing public transportation services and the expansion of those services through the following program goals: enhancing access in rural areas to health care, shopping, education, employment, public services, and recreation; assisting in the maintenance, development, improvement, and use of public transportation systems in rural areas; encouraging and facilitating the most efficient use of all transportation funds used to provide passenger transportation in rural areas through the coordination of programs and services; providing financial assistance to help carry out national goals related to mobility for all, including seniors, individuals with disabilities, and low-income individuals; increasing availability of transportation options through investments in intercity bus services; assisting in the development and support of intercity bus transportation; encouraging mobility management, employment-related transportation alternatives, joint development practices, and transit-oriented development; and providing for the participation of private transportation providers in rural public transportation. The Public Transportation on Indian Reservations Program is a set-aside from the Formula Grants for Rural Areas program that consists of both a formula and competitive grant program for Federally recognized Tribes or Alaska Native villages, groups or communities in rural areas.

Eligible uses: Planning, Capital, Operating Assistance

Federal cost share requirement: Varies. Waivers are not available.

Statutory location: 30006



Bus and Bus Facilities Formula Grants

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$3,161,294,400

Period of availability: Year of Apportionment + three years

Funding mechanism: Formula Grant

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized)

Description: Provides capital funding to replace, rehabilitate, purchase, or lease buses and bus related equipment and to rehabilitate, purchase, construct, or lease bus-related facilities.

Eligible uses: Capital funding for purposes described above.

Federal cost share requirement: Varies. Waivers are not available.

Statutory location: 30018



Enhanced Mobility of Seniors and Individuals with Disabilities

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$2,193,105,343

Period of availability: Year of Apportionment + two years

Funding mechanism: Formula Grant

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized), Nonprofits with 501(c)(3) status, Nonprofits - without 501(c)(3) status.

Description: To provide financial assistance in meeting the transportation needs of seniors and individuals with disabilities where public transportation services are unavailable, insufficient or inappropriate. The Section 5310 program is designed to supplement FTA's other capital assistance programs by funding transportation projects for seniors and individuals with disabilities in all areas - large urban, small urban, and rural.

Eligible uses: Capital, Operating Assistance and Planning

Federal cost share requirement: Varies. Waivers are not available.

Statutory location: 30017



Ferry Service for Rural Communities

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$2,000,000,000

Period of availability: To be determined

Funding mechanism: Grant

New program: Yes

Recipients: States

Description: The Ferry Service for Rural Communities Program makes Federal resources available to States to ensure basic essential ferry service is provided to rural areas. These funds are limited to ferry services that operated a regular service at any time during the five-year period ending March 1, 2020 and that served no less than two rural areas located more than 50 nautical miles apart.

Eligible uses: Capital, Operating Assistance

Federal cost share requirement: Varies. Waivers are not available.

Statutory location: Division J, Title VIII



Bus and Bus Facilities Competitive Grants

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$1,966,392,169

Period of availability: Year of Allocation + three years

Funding mechanism: Competitive Grant

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized)

Description: Provides capital funding to replace, rehabilitate, purchase, or lease buses and bus related equipment and to rehabilitate, purchase, construct, or lease bus-related facilities.

Eligible uses: Capital funding for purposes described above.

Federal cost share requirement: Varies. Waivers are not available.

Statutory location: 30018



All Stations Accessibility Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$1,750,000,000

Period of availability: To be determined

Funding mechanism: Grant

New program: No

Recipients: States and local government authorities.

Description: Provides capital funding to upgrade the accessibility of legacy rail fixed guideway public transportation systems for people with disabilities, including those who use wheelchairs.

Eligible uses: Capital funding for purposes described above.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal.
Waivers are not available.

Statutory location: Division J, Title VIII



Rail Vehicle Replacement Grants

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$1,500,000,000

Period of availability: Year of Apportionment + three years

Funding mechanism: Competitive Grant

New program: Yes

Recipients: State and local government authorities

Description: Capital projects for the replacement of rail rolling stock. Not more than three new competitive awards to eligible projects may be announced each fiscal year. FTA may select projects for multi-year awards.

Eligible uses: Capital

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal; however, these funds cannot exceed 50 percent of total cost. Waivers are not available.

Statutory location: 30016



Metropolitan Transportation Planning Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$799,441,834

Period of availability: Year of Apportionment + three years

Funding mechanism: Formula Grant

New program: No

Recipients: States and Metropolitan Planning Organizations

Description: The Metropolitan Planning Program is available to carry out the metropolitan transportation planning process and meet the transportation planning requirements of the joint Federal Transit Administration and Federal Highway Administration planning regulations.

Eligible uses: The eligible activities for the metropolitan planning funds include work elements that result in a balance and comprehensive intermodal transportation planning for the movement of people and goods in the metropolitan area.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are not available.

Statutory location: 30002

Note: This program was called 'Metropolitan Transportation Program' in previous versions of this Guidebook.



University Transportation Centers (UTC) Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$500,000,000

Period of availability: Available until expended

Funding mechanism: Grants, Cooperative Agreements, other contracts

New program: No

Recipients: Consortia of colleges and universities

Description: The UTC Program advances the State-of-the-art in transportation research and technology, and develops the next generation of transportation professionals.

Eligible uses: Activities that advance U.S. technology and expertise in the many disciplines comprising transportation through education, solutions-oriented research and technology transfer, and the exploration and sharing of cutting-edge ideas and approaches.

Federal cost share requirement: In general, 50 percent Federal share/50 percent non-Federal (100 percent non-Federal matching requirement); 66.7 percent Federal/33.3 percent non-Federal (50 percent non-Federal matching requirement) for Tier 1 UTCs

Statutory location: 11101; 25017

Note: This program was called 'University Transportation Centers Program' in previous versions of this Guidebook.



Strengthening Mobility and Revolutionizing Transportation (SMART) Grants

Federal Agency: Department of Transportation

Bureau or Account: Office of the Secretary

Funding amount: \$500,000,000

Period of availability: Available until expended

Funding mechanism: Competitive Grant

New program: Yes

Recipients: (A) A State; (B) a political subdivision of a State; (C) a Tribal government; (D) a public transit agency or authority; (E) a public toll authority; (F) a metropolitan planning organization; and (G) a group of two or more of these eligible entities

Description: The Office of the Secretary's Strengthening Mobility and Revolutionizing Transportation Grant program provides supplemental funding grants to rural, midsized, and large communities to conduct demonstration projects focused on advanced smart city or community technologies and systems in a variety of communities to improve transportation efficiency and safety.

Eligible uses: In general, a Strengthening Mobility and Revolutionizing Transportation grant may be used to carry out a project that demonstrates at least one of the following: Coordinate Automation Connected Vehicles; Intelligent, sensor-based infrastructure; Systems integration; Commerce delivery and logistics; Leveraging use of innovative aviation technology; Smart grid; Smart technology traffic signals.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 25005



Public Transportation on Indian Reservations Formula

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$183,250,437

Period of availability: Year of Apportionment + two years

Funding mechanism: Formula Grant

New program: No

Recipients: Federally recognized Tribes and Alaska Native Villages

Description: Provides direct funding to Federally recognized Tribes to provide public transportation service on and around Indian reservations or Tribal land in rural areas

Eligible uses: Planning, Capital, Operating Assistance

Federal cost share requirement: Varies. Waivers are available.

Statutory location: 30006



Statewide Transportation Planning

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$167,001,389

Period of availability: Year of Apportionment + three years

Funding mechanism: Formula Grant

New program: No

Recipients: States and Metropolitan Planning Organizations

Description: The Statewide planning and research program is a source of Federal financial assistance to the States to meet the planning requirements of the joint Federal Transit Administration and Federal Highway Administration planning regulations for Statewide transportation planning.

Eligible uses: The Statewide planning and research program funds can be used for comprehensive planning, engineering, design, and evaluation of public transportation projects and studies involving modes other than transit when performed as part of the metropolitan transportation planning process.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal.
Waivers are not available.

Statutory location: 30002



Urbanized Area Passenger Ferry Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$150,000,000

Period of availability: Year of Allocation + five years

Funding mechanism: Grant

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized)

Description: Competitive program for passenger ferry capital projects in urbanized areas.

Eligible uses: Capital

Federal cost share requirement: Varies. Waivers are not available.

Statutory location: 30017



Appalachian Development Public Transportation Assistance Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$137,437,828

Period of availability: Year of Apportionment + two years

Funding mechanism: Formula Grant

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized), Nonprofits with 501(c)(3) status, Nonprofits - without 501(c)(3) status

Description: Provides funding to States in the Appalachian region to support the provision of public transit services in rural areas.

Eligible uses: Planning, Capital, Operating Assistance

Federal cost share requirement: Varies. Waivers are not available.

Statutory location: 30017



Research, Development, Demonstration and Deployment Projects

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$132,218,677

Period of availability: Non-expiring, available until expended

Funding mechanism: Cooperative Agreement, Contract, Competitive Grant

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized), Providers of Public Transportation, Private or Nonprofit organizations, Institutions of Higher Education, and Technical or Community Colleges.

Description: Provides funding to assist innovative projects and activities that advance and sustain safe, efficient, equitable, climate-friendly public transportation. Eligible research and demonstrations under this program explore novel approaches to improve public transportation service – especially for transit-dependent individuals; advance vehicle and system technologies for safety, energy efficiency, and operational performance; use data for enhanced insights; and undertake other activities that help transit agencies meet equity, safety, climate change and transformation goals for a safer, environmentally cleaner, socially just and connected public transportation system.

Eligible uses: Research, innovative development, deployment, demonstration, evaluation activities

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are available.

Statutory location: 30007

Note: This program was called 'Research, Development, Demonstration and Deployment Projects (Less Set Aside)' in previous versions of this Guidebook.



Rural Transportation Assistance Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$91,552,911

Period of availability: Year of Apportionment + two years

Funding mechanism: Formula Grant

New program: No

Recipients: States

Description: Provides funding to States for transportation research, technical assistance, training, and related support services in rural areas.

Eligible uses: Technical Assistance, and training activities.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 30017



Pilot Program for Transit Oriented Development

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$68,864,631

Period of availability: Available until expended

Funding mechanism: Competitive Grant

New program: No

Recipients: State or local governmental authorities that are Federal Transit Administration grant recipients.

Description: The Pilot Program for Transit Oriented Development Planning is a discretionary grant program that helps support the Federal Transit Administration's mission of improving public transportation for America's communities by providing funding to local communities to integrate land use and transportation planning with a new fixed guideway or core capacity transit capital investment.

Eligible uses: Grants may be made for site specific and comprehensive planning funded through the program must examine ways to improve economic development and ridership, foster multimodal connectivity and accessibility, improve transit access for pedestrian and bicycle traffic, engage the private sector, identify infrastructure needs, and enable mixed-use development near transit stations.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are not available.

Statutory location: 30009



Public Transportation on Indian Reservations Competitive

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$45,812,610

Period of availability: Year of allocation + two years

Funding mechanism: Competitive Grant

New program: No

Recipients: Federally recognized Tribes and Alaska Native Villages

Description: Provides direct funding to Federally recognized Tribes to provide public transportation service on and around Indian reservations or Tribal land in rural areas

Eligible uses: Planning, Capital, Operating Assistance

Federal cost share requirement: Varies. Waivers are available.

Statutory location: 30006



Transit Cooperative Research Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$34,432,315

Period of availability: Available until expended

Funding mechanism: Grant or Cooperative Agreement

New program: No

Recipients: National Academy of Sciences

Description: The Transit Cooperative Research Program is an applied research program that develops near-term, practical solutions to problems facing public transportation. TCRP is managed by the Transportation Research Board, a division of the National Academies of Sciences, Engineering, and Medicine.

Eligible uses: Peer-reviewed academic research, development and technology transfer activities.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 30017



Public Transportation Technical Assistance and Workforce Development

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: 27545852

Period of availability: Available until expended

Funding mechanism: Cooperative Agreement or Interagency Agreement

New program: No

Recipients: National nonprofit organizations

Description: Provides funding to support workforce development and transition, including in relation to zero-emission fleet conversion, and other technical assistance to support transit providers in enhancing safe, efficient, equitable and climate-friendly public transportation. Additionally, the program supports the development of standards for the public transportation industry.

Eligible uses: Workforce development, technical assistance and standards development

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are not available.

Statutory location: 30017



Pilot Program for Enhanced Mobility

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$24,102,620

Period of availability: Year of Allocation + two years

Funding mechanism: Competitive Grant

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized), Tribal Governments (other than Federally recognized), Nonprofits with 501(c)(3) status, Nonprofits - without 501(c)(3) status

Description: Competitive program to improve coordinated access and mobility

Eligible uses: Capital

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are not available.

Statutory location: 30017



National Rural Transportation Assistance Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$13,743,783

Period of availability: Year of Apportionment + two years

Funding mechanism: Cooperative Agreement

New program: No

Recipients: Nonprofits with 501(c)(3) status, Nonprofits without 501(c)(3) status, Public Higher-Ed Institutions, Other public entities with capability to provide a service of national scope.

Description: Supports State Rural Transportation Assistance Program and develops information resources, technical assistance, and training about rural public transportation.

Eligible uses: Technical Assistance

Federal cost share requirement: No non-Federal cost share required

Statutory location: 30017



Airports and Federal Aviation Administration Facilities

Challenge: The United States built modern aviation, but many of our airports lag behind our competitors. According to some rankings, no U.S. airport ranks in the top 25 of airports worldwide.

Solutions: The Bipartisan Infrastructure Law invests \$25 billion to address repair and maintenance needs, reduce congestion and emissions, and modernize our National Aerospace System.

Funding Overview: This funding falls into three major programs covered under this section – (1) Facilities and Equipment funding (\$5 billion), (2) the Airport Infrastructure Grant Program (\$15 billion), and (3) the Airport Terminal Program (\$5 billion).

The **Facilities and Equipment Program** provides funding for Federal Aviation Administration-owned airport traffic control towers including Federal Aviation Administration-owned contract towers. This funding will allow the Federal Aviation Administration to place a down payment on the growing end-of-life backlog within the facilities portfolio. The focus on lower tier airport traffic control towers and specific facilities portfolio backlog items will help to improve safety, security, and environmental standards at facilities that infrequently receive the limited amount of yearly appropriated Facilities and Equipment Program dollars.

The **Airport Infrastructure Grant Program** is the largest new program funded for airports under the Bipartisan Infrastructure Law. On December 16, 2021, the Federal Aviation Administration at the Department of Transportation announced the initial allocations for the [Airport Infrastructure Grant Program](#) – which provides grants to thousands of airports across the country to invest in a variety of maintenance and improvement projects (e.g. runways and taxiways, noise, multimodal, and terminal buildings). The program also includes a competitive \$100 million (\$20 million annually) specifically for airport-owned contract airport traffic control towers. Through this program, Bipartisan Infrastructure Law funding provides local airports with flexible funding to address specific pressing needs. (See fiscal year 2022 State allocations [here](#) and an interactive map of where funding is going [here](#).) Funds that remain unobligated at the end of the fifth year are available for a competitive discretionary grant program. Under the discretionary program, the first \$100 million will be for airport-owned contract airport traffic control towers, with remaining unobligated funds going to projects that reduce airport emissions, noise impacts, dependence on the electric grid or provide benefits to the surrounding community.

The **Airport Terminal Program** is a new program for airports under the Bipartisan Infrastructure Law. This program is a discretionary grant program for terminal development, multimodal and airport-owned airport traffic control towers



Getting Ready to Receive Grant Funding:

In order to prepare to receive funding, potential recipients such as airport owners/operators should begin to identify what the primary airside and/or landside needs are and begin to develop a strategy and plan as to how this additional funding would be used to address the airport needs and challenges. Potential recipients will work with their local Federal Aviation Administration Airports District Office to ensure all requirements to receive funding are met (i.e. airspace, on an approved airport layout plan, and National Environmental Policy Act, etc.). For the two competitive grant programs (Airport Owned Contract Tower Program or Airport Terminal Program), airport owners/operators will need to apply based on the requirements in the Notice of Funding Opportunity issued for each competitive program.

Existing Resources:

- The Airport Improvement Program and Supplemental Discretionary Programs include approximately \$3.75 billion annually for capital improvement programs at eligible U.S. airports. See more on the Airport Improvement Program and Discretionary Programs [here](#).



Program Name	Agency Name	Funding Amount
Airport Infrastructure Grants	Department of Transportation	\$15,000,000,000
Airport Terminal Program	Department of Transportation	\$5,000,000,000
Facilities and Equipment	Department of Transportation	\$5,000,000,000
TOTAL - AIRPORTS AND FEDERAL AVIATION ADMINISTRATION FACILITIES		\$25,000,000,000



Airport Infrastructure Grants

Federal Agency: Department of Transportation

Bureau or Account: Federal Aviation Administration

Funding amount: \$15,000,000,000

Period of availability: 5 year

Funding mechanism: Grant

New program: Yes

Recipients: Public agency, Private entity, State and Tribal Government owning a public use National Plan of Integrated Airport Systems airport. Airports eligible for Airport Infrastructure Grants include Primary airports, certain cargo airports, and most general aviation/commercial service airports that are not primary airports but in the National Plan of Integrated Airport Systems. This amounts to approximately 3,100 airports.

Description: The funds are allocated in the 3 buckets: Primary Allocation, Non-Primary Allocation, Contract Towers

Eligible uses: Project eligibility tracks Passenger Facility Charge eligibility. With the exception of Debt Service. Bipartisan Infrastructure Law specifically States the funds cannot be used for Debt Service.

Federal cost share requirement: Matches Airport Improvement Program (5-25 percent) for allocations, not match for contract tower grants. Waivers are not available.

Statutory location: Division J, Title VIII



Airport Terminal Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Aviation Administration

Funding amount: \$5,000,000,000

Period of availability: 5 year

Funding mechanism: Grant

New program: Yes

Recipients: Public agency, Private entity, State and Tribal Government owning a public use National Plan of Integrated Airport Systems airport. Secretary of the Interior for Midway Island Airport, the Republic of the Marshall Islands, Federated States of Micronesia and Republic of Palau.

Description: Provide grants to eligible airports for capital improvements for airport terminal development generally defined as development of an airport passenger terminal building, including terminal gates; access roads servicing exclusively airport traffic that leads directly to or from an airport passenger terminal building; walkways that lead directly to or from an airport passenger terminal building; multimodal terminal development; and projects for on-airport rail access projects. As well as projects for relocating, reconstructing, repairing or improving an airport-owned airport traffic control tower.

Eligible uses: Capital improvements for airport terminal development generally defined as development of an airport passenger terminal building, including terminal gates; access roads servicing exclusively airport traffic that leads directly to or from an airport passenger terminal building; walkways that lead directly to or from an airport passenger terminal building; multimodal terminal development; and projects for on-airport rail access projects. As well as projects for relocating, reconstructing, repairing or improving an airport-owned air traffic control tower.

Federal cost share requirement: Large/Medium Hub 20 percent match; All others (Small, Non and Non-Primary) 5 percent match. Waivers are not available.

Statutory location: Division J, Title VIII



Facilities and Equipment

Federal Agency: Department of Transportation

Bureau or Account: Federal Aviation Administration

Funding amount: \$5,000,000,000

Period of availability: Available until expended

Funding mechanism: Contract

New program: No

Recipients: Commercial Vendors

Description: Federal Aviation Administration sustainment work and facilities replacements are for replacing Federal Aviation Administration-owned terminal and route air traffic control facilities; improvement of air route and terminal facilities; workplace safety and environmental standards compliance; Federal Aviation Administration-owned fuel storage tank replacement and management; unstaffed infrastructure sustainment; real property disposition; electrical power system sustain and support; energy maintenance and compliance; hazardous materials management and environmental cleanup; facility security risk management; cyber risk management; mobile asset management program; and administrative expenses, including salaries and expenses, administration, and oversight.

Eligible uses: Capital improvements for Federal Aviation Administration-owned and maintained facilities. The work will be awarded to commercial vendors on contract vehicles as well as with Federal Aviation Administration internal resources. Can be used for Terminal and En Route Staffed facilities that directly manage air traffic control operations. Can also be used for sustainment activities at Federal Aviation Administration-owned unstaffed facilities and supporting infrastructure such as power systems, fuel storage tanks, facilities security risk management, environmental activities at Federal Aviation Administration-owned facilities, sustainment of Long-Range Radar facilities, and sustainment of mobile air traffic control facilities. Replacement of Federal Aviation Administration-owned Terminal and En Route facilities are eligible.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VIII



Ports and Waterways

Challenge: The United States' underfunded port and waterway infrastructure has real costs to families, our economy, and our global competitiveness. The surge of both imports and exports moving through outdated infrastructure as we recover from the COVID pandemic has strained our ports and their intermodal connections and slowed the global supply chain. To support our growing economy, we must strengthen our supply chain and invest in the transportation systems that move cargo to, through, and from our ports.

Solutions: The Bipartisan Infrastructure Law invests over \$16.7 billion to improve infrastructure at coastal ports, inland ports and waterways, and land ports of entry along our borders.

Funding Overview: This [funding](#) falls into several major categories: (1) Army Corps of Engineers; (2) Land Ports of Entry Modernization and Construction Program (\$3.85 billion); (3) the Port Infrastructure Development Program (\$2.25 billion); and (4) other programs (\$1.6 billion) (including the America's Marine Highways program, which will receive \$25 million).

The **Army Corps of Engineers'** funding will support construction projects as well as operation and maintenance. Construction funding will be used for the construction of coastal ports, inland waterways, and other water infrastructure. Operation and Maintenance funds will be used to dredge Federal navigation projects and to operate and maintain authorized Army Corps projects, including repair of damages caused by natural disasters.

The **Land Ports of Entry Modernization and Construction Program** provides funds to modernize and improve Land Ports of Entry at our Northern and Southwest Borders. The General Services Administration will fund land port construction and Customs and Border Protection will fund unique mission requirements.

The **Port Infrastructure Development Program** funds improvements of the infrastructure needed to move cargo to, through, and around ports. The Bipartisan Infrastructure Law significantly expands funding for this program, and expands eligibility to include projects that will improve resiliency to address sea-level rise, flooding, extreme weather events, earthquakes, and tsunami inundation, as well as projects that will help reduce or eliminate criteria pollutants and greenhouse gas emissions associated with port operations, including projects for port electrification.



Getting Ready for Port Infrastructure Development Program Funding:

What a potential recipient (State/local/Tribal government) can do now to prepare to receive funding is:

Potential recipients can work with their sponsors to:

- (1) Identify project needs and attend webinars covering both “How to Apply” and “Benefit Cost Analysis” development;
- (2) Read the “Frequently Asked Questions” section of the U.S. Maritime Administration’s website and submit questions to PIDPGrants@dot.gov;
- (3) Adhere to the requirements of the Notice of Funding Opportunity;
- (4) Submit applications prior to the deadline on grants.gov;
- (5) Avoiding beginning any of the work outlined in a project application while applications are still pending;
- (6) Notify the U.S. Maritime Administration if any of the scope, schedule, or budget items have changed since application submission; and
- (7) Wait patiently until a notification is made that awards have been announced.

Existing Resources:

- The Department of Transportation offers a number of other funding opportunities through programs such as RAISE and INFRA as well as loans through programs such as Transportation Infrastructure Finance and Innovation Act and Railroad Rehabilitation and Improvement Financing to support port projects. More information about these opportunities can be found [here](#).



Program Name	Agency Name	Funding Amount
Corps of Engineers Operation and Maintenance	Department of Defense – Army Corps of Engineers	\$4,000,000,000
Real Property Activities	General Services Administration	\$3,418,008,000
Inland Waterways Projects	Department of Defense – Army Corps of Engineers	\$2,500,000,000
Port Infrastructure Development Program Grants	Department of Transportation	\$2,250,000,000
Major Rehabilitation for Rivers and Harbors	Department of Defense – Army Corps of Engineers	\$1,500,000,000
Construction of Ferry Boats and Ferry Terminal Facilities	Department of Transportation	\$912,000,000
Mississippi River and Tributaries	Department of Defense – Army Corps of Engineers	\$808,000,000
Reduction of Truck Emissions at Port Facilities	Department of Transportation	\$400,000,000
Land Port of Entry Modernization	Department of Homeland Security	\$330,000,000
Major Shore, Housing, Aids to Navigation, Survey and Design	Department of Homeland Security	\$158,000,000
Major Shore, Housing, Aids to Navigation, Survey and Design	Department of Homeland Security	\$131,500,000
Major Shore, Housing, Aids to Navigation, Survey and Design	Department of Homeland Security	\$120,000,000
Land Port of Entry Modernization	Department of Homeland Security	\$100,000,000
America's Marine Highway Program Grants	Department of Transportation	\$25,000,000
Major Shore, Housing, Aids to Navigation, Survey and Design	Department of Homeland Security	\$19,500,000
TOTAL - PORTS AND WATERWAYS		\$16,672,008,000



Corps of Engineers Operation and Maintenance

Federal Agency: Department of Defense – Army Corps of Engineers

Bureau or Account: Corps of Engineers – Civil Works

Funding amount: \$4,000,000,000 *Including \$626 million For Damage Repairs And \$40 million For Snowpack Monitoring*

Period of availability: Available until expended

Funding mechanism: Direct Federal

New program: No

Recipients: The Army Corps would use this funding for operation and maintenance of its projects, including coastal and inland navigation projects.

Description: Funds inspection, operation, maintenance, and related activities for water resources projects operated and maintained by the Army Corps. These projects include navigation channels, navigation locks and dams, structures to reduce the risk of flood and storm damage (e.g., levees), and multi-purpose projects, as authorized in River and Harbor, Flood Control, and Water Resources Development Acts and other laws

Eligible uses: Operation and maintenance of authorized Army Corps projects, including navigation channels and navigation locks and dams.

Federal cost share requirement: Requirements vary according to applicable laws to various mission areas and other specific project requirements. In general, unless otherwise specified in law, projects are 100 percent Federally funded.

Statutory location: Division J, Title III



Real Property Activities

Federal Agency: General Services Administration

Bureau or Account: Real Property Activities

Funding amount: \$3,418,008,000

Period of availability: Available until expended

Funding mechanism: Direct Federal

New program: No

Recipients: GSA, Public Buildings Service, Federal Buildings Fund which will contract out the design and construction services

Description: Construction and acquisition, and repairs and alterations of land ports of entry.

Eligible uses: Construction and acquisition, and repairs and alterations of land ports of entry; Projects on the U.S. Department of Homeland Security - Customs and Border Protection five-year plan; Additional land ports of entry projects with completed feasibility studies; Land ports of entry paving; Land ports of entry lease purchases; Department of Transportation - Federal Motor Carrier Safety Administration Priorities and Requirements; Program Contingency and Operational Support.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title IV



Inland Waterways Projects

Federal Agency: Department of Defense – Army Corps of Engineers

Bureau or Account: Corps of Engineers – Civil Works

Funding amount: \$2,500,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal

New program: No

Recipients: The Army Corps will use this funding to construct eligible improvements to commercial navigation projects on the inland waterways, including locks and dams.

Description: Funds the replacement and expansion of inland waterways commercial navigation projects.

Eligible uses: Federal commercial navigation projects on inland waterways

Federal cost share requirement: In general, unless otherwise specified in law, projects are 100 percent Federally funded.

Statutory location: Division J, Title III



Port Infrastructure Development Program Grants

Federal Agency: Department of Transportation

Bureau or Account: Maritime Administration

Funding amount: \$2,250,000,000

Period of availability: 10 Year

Funding mechanism: Grant

New program: No

Recipients: Public and Private Ports/Port Authorities

Description: Grants to invest in the modernization and expansion of U.S. ports to remove bottlenecks, ensure long-term competitiveness, resilience, cybersecurity, and sustainability while reducing impacts to the environment and neighboring communities.

Eligible uses: Projects that improve the resiliency of ports to address sea-level rise, flooding, extreme weather events, earthquakes, and tsunami inundation, as well as projects that reduce or eliminate port-related criteria pollutant or greenhouse gas emissions, including projects for:

1. Port electrification or electrification master planning;
2. Harbor craft or equipment replacements/retrofits;
3. Development of port or terminal micro-grids;
4. Providing idling reduction infrastructure;
5. Purchase of cargo handling equipment and related infrastructure;
6. Worker training to support electrification technology;
7. Installation of port bunkering facilities from ocean-going vessels for fuels;
8. Electric vehicle charge or hydrogen refueling infrastructure for drayage, and medium or heavy-duty trucks and locomotives that service the port and related grid upgrades;
9. Other related to port activities including charging infrastructure, electric rubber-tired gantry cranes, and anti-idling technologies;
10. Activities to ensure the cybersecurity of information technology and operational technology of port systems;
11. As well as projects under 46 U.S.C. 50302 which States “Funds for the Port Infrastructure Development Program are awarded on a competitive basis to projects that improve the safety, efficiency, or reliability of the movement of goods into, out of, around, or within a port.”

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are available for small projects or projects in rural areas.

Statutory location: Division J, Title VIII



Major Rehabilitation for Rivers and Harbors

Federal Agency: Department of Defense – Army Corps of Engineers
Bureau or Account: Corps of Engineers – Civil Works

Funding amount: \$1,500,000,000 *Including for \$250 million for Small, Remote, And Subsistence Harbors and \$250 million for Federal Breakwaters and Jetties*

Period of availability: Available until expended

Funding mechanism: Direct Federal

New program: No

Recipients: In partnership with port authorities, the Army Corps would use this funding to construct authorized coastal navigation projects such as deepening and widening of Federal navigation channels.

Description: Funds the construction of authorized coastal navigation projects at ports and harbors, such as deepening and widening of Federal navigation channels.

Eligible uses: Federal commercial navigation projects on coastal harbors.

Federal cost share requirement: In general, unless otherwise specified in law, projects 100 percent Federally funded.

Statutory location: Division J, Title III



Construction of Ferry Boats and Ferry Terminal Facilities

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$912,000,000

Period of availability: Available until expended

Funding mechanism: Formula Grant

New program: No

Recipients: Eligible ferry operations

Description: The Construction of Ferry Boats and Ferry Terminal Facilities program provides funding for ferry services which are important links in the network of Federal-aid highways, and in many cases, are the only reasonable form of transportation.

Eligible uses: Replace or acquire new ferry boats; replace propulsion systems with newer cleaner and more energy-efficient power plants; update navigational control systems; construct new terminals; improve access for the disabled; and replace and construct new docking facilities.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are not available.

Statutory location: 11121



Mississippi River and Tributaries

Federal Agency: Department of Defense – Army Corps of Engineers
Bureau or Account: Corps of Engineers – Civil Works

Funding amount: \$808,000,000 *Including \$258 million For Damage Repairs*

Period of availability: Available until expended

Funding mechanism: Direct Federal

New program: No

Recipients: The Army Corps will use this funding to plan, design, construct, operate, and maintain certain Federal flood damage reduction projects.

Description: Funds work on Federal projects to help reduce the risk of flood damage in the lower Mississippi River alluvial valley below Cape Girardeau, Missouri.

Eligible uses: Eligible Federal projects on the lower Mississippi River or its tributaries.

Federal cost share requirement: In general, unless otherwise specified in law, projects are 100 percent Federally funded.

Statutory location: Division J, Title III



Reduction of Truck Emissions at Port Facilities

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$400,000,000

Period of availability: 4 year

Funding mechanism: Competitive Grant

New program: Yes

Recipients: None specified

Description: Reduction of Truck Emissions at Port Facilities program will study and award competitive grants to reduce truck idling and emissions at ports, including through the advancement of port electrification.

Eligible uses: Competitive grants are intended to test, evaluate, and deploy projects that reduce port-related emissions

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal

Statutory location: 11101; 11402



Land Port of Entry Modernization

Federal Agency: Department of Homeland Security

Bureau or Account: U.S. Customs and Border Protection

Funding amount: \$330,000,000

Period of availability: 5 year

Funding mechanism: Direct Federal

New program: No

Recipients: GSA, Public Buildings Service, Federal Buildings Fund which will contract out the design and construction services

Description: For furniture, fixtures, and equipment for the land ports of entry modernized with funding provided to the General Services Administration in the Act.

Eligible uses: Operations and Support, specifically for furniture, fixtures, and equipment for the land ports of entry modernized with funding provided to the General Services Administration in the Act.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title V



Major Shore, Housing, Aids to Navigation, Survey and Design

Federal Agency: Department of Homeland Security

Bureau or Account: United States Coast Guard

Funding amount: \$158,000,000

Period of availability: 5 year

Funding mechanism: Direct Federal/Contract

New program: No

Recipients: Coast Guard

Description: Supports Procurement, Construction, and Improvement (PC&I) projects to address shore facility infrastructure and housing construction, replacement, upgrade or improvement needs; construction and improvements to buoys and structures assisting navigation on Federal waterways; and survey and design required for future year PC&I projects.

Eligible uses: The following are a list of Coast Guard projects:

- Pensacola Pier and Infrastructure - \$28 million to repair wharves Bravo and Charlie at Naval Station Pensacola
- Kodiak Fuel Pier (Phase I) - \$130 million to recapitalize Base Kodiak's fuel services pier and construct a transient berth.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title V



Major Shore, Housing, Aids to Navigation, Survey and Design

Federal Agency: Department of Homeland Security

Bureau or Account: United States Coast Guard

Funding amount: \$131,500,000

Period of availability: 5 year

Funding mechanism: Direct Federal/Contract

New program: No

Recipients: Coast Guard

Description: Supports Procurement, Construction, and Improvement (PC&I) projects to address shore facility infrastructure and housing construction, replacement, upgrade or improvement needs; construction and improvements to buoys and structures assisting navigation on Federal waterways; and survey and design required for future year PC&I projects.

Eligible uses: The following are a list of Coast Guard projects:

- TRACEN Cape May - \$10 million for planning, survey and design, and site work in support of recapitalization and improvement projects
- Kodiak Housing (Phase IV) - \$40 million for the ongoing housing project in Kodiak to support future cutter homeport arrivals
- Ft. Wadsworth Housing (Phase II) - \$5 million for safety, habitability, and quality of life upgrades to the 154 legacy housing units
- Novato Housing - \$10 million for security and habitability improvements to existing housing site and initial planning, survey and design, and site work to recapitalize Coast Guard housing in Novato
- Coast Guard Academy Steam System Recap - \$25 million to recapitalize the failing central steam heating system
- Family Housing for Fast Response Cutter Crew in Seward, AK - \$13.5 million for the construction of new Coast Guard housing in Seward to support crew/maintenance personnel and their families
- Coast Guard Academy Chase Hall Annex D - \$28 million for renovation and habitability upgrades and improvements to utility services to ensure compliance with fire and safety standards

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title V



Major Shore, Housing, Aids to Navigation, Survey and Design

Federal Agency: Department of Homeland Security

Bureau or Account: United States Coast Guard

Funding amount: \$120,000,000

Period of availability: 5 year

Funding mechanism: Direct Federal/Contract

New program: No

Recipients: Coast Guard

Description: Supports Procurement, Construction, and Improvement (PC&I) projects to address shore facility infrastructure and housing construction, replacement, upgrade or improvement needs; construction and improvements to buoys and structures assisting navigation on Federal waterways; and survey and design required for future year PC&I projects.

Eligible uses: This funding supports the construction and improvement of Coast Guard Childcare Development Centers (CDC) at Base Cape Cod, MA; Base Alameda, CA; Base Kodiak, AK; Aviation Training Center Mobile, AL; Base Astoria, OR; and Base Elizabeth City, NC.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title V



Land Port of Entry Modernization

Federal Agency: Department of Homeland Security

Bureau or Account: U.S. Customs and Border Protection

Funding amount: \$100,000,000

Period of availability: 5 year

Funding mechanism: Direct Federal

New program: No

Recipients: GSA, Public Buildings Service, Federal Buildings Fund which will contract out the design and construction services

Description: For land port of entry construction, modernization, and sustainment.

Eligible uses: Land Port of Entry construction, modernization and sustainment

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title V



America's Marine Highway Program Grants

Federal Agency: Department of Transportation

Bureau or Account: Maritime Administration

Funding amount: \$25,000,000

Period of availability: 10 Year

Funding mechanism: Grant

New program: No

Recipients: Department of Transportation-designated Marine Highway projects

Description: Grants to develop and expand marine highway service options and facilitate their further integration into the current U.S. surface transportation system, especially where water-based transport is the most efficient, effective and sustainable option.

Eligible uses: Marine Highway Grant funds can be used for material handling/container handling equipment (e.g., reach stackers, cranes, forklifts) as well as minor port improvements such as lighting or laydown areas. Funds have been used for dredging in non-Federal navigation channels and pier-side. For vessels, the funds can be used to purchase, lease, or improve/modify vessels documented per the legislation. The Program seeks to procure zero or near-zero emission equipment when available and practical.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are not available.

Statutory location: Division J, Title VIII



Major Shore, Housing, Aids to Navigation, Survey and Design

Federal Agency: Department of Homeland Security

Bureau or Account: United States Coast Guard

Funding amount: \$19,500,000

Period of availability: 5 year

Funding mechanism: Direct Federal/Contract

New program: No

Recipients: Coast Guard

Description: Supports Procurement, Construction, and Improvement (PC&I) projects to address shore facility infrastructure and housing construction, replacement, upgrade or improvement needs; construction and improvements to buoys and structures assisting navigation on Federal waterways; and survey and design required for future year PC&I projects.

Eligible uses: The following are a list of Coast Guard projects:

- Ketchikan Maintenance Support Facility - \$4 million for industrial facility improvements including 65-ton crane for Fast Response Cutter engine change-outs and Response Boat - Medium drydock services
- Station Port Angeles Covered Moorings - \$9.5 million to construct covered moorings to perform boat maintenance in Port Angeles, WA
- New London City Pier Improvements - \$6 million to support CGC EAGLE homeport shift from Fort Trumbull to New London, CT

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title V



Safety

Challenge: The United States has one of the highest traffic fatality rates in the industrialized world, double the rate in Canada and quadruple that in Europe. Even as people drove less because of the pandemic, 38,824 people died in motor vehicle crashes in 2020, of which 6,516 were people walking and 938 were people biking. Additionally, safety concerns remain across modes, from the risk of vehicle/train collisions at railroad grade crossings to aging natural gas pipelines throughout the country.

Solutions: The Bipartisan Infrastructure Law includes nearly \$38 billion to improve the safety of the United States transportation system by helping States and territories support a broad array of traffic safety priorities, including the safety of drivers and vulnerable road users, safety at railroad crossings, and replacement or repair of obsolete natural gas pipelines.

Funding Overview: Funding allocated to safety is divided into several categories (1) Highway Safety Improvement Program (\$15.6 billion); (2) Safety-Related Activities (\$17.5 million); (3) Safe Streets and Roads for All (\$5 billion³); (4) Federal Motor Carrier Safety Administration and National Highway Traffic Safety Administration (\$11.8 billion); (5) Pipeline and Hazardous Materials Safety Administration (\$1.2 billion); and (6) Rail Crossing Safety (\$4.2 billion).

Bipartisan Infrastructure Law reauthorizes the Federal Highway Administration's **Highway Safety Improvement Program** and includes nearly \$4 billion over levels in the Fixing America's Surface Transportation Act.

Safe Streets and Roads for All is a new competitive discretionary grant program for local and Tribal "vision zero" plans and other improvements to reduce crashes and fatalities not only for drivers, but also for cyclists, pedestrians, and all other roadway users.

Bipartisan Infrastructure Law funding will provide a five-year reauthorization for the Federal Motor Carrier Safety Administration and the National Highway Traffic Safety Administration, which includes a plus up over Fixing America's Surface Transportation Act levels.

Pipeline and Hazardous Materials Safety Administration's funding includes a new **Pipeline Modernization Program** (\$1 billion) that provides competitive grant funding for a municipality or community owned utility to repair, rehabilitate, or replace its natural gas distribution pipeline systems to reduce incidents and fatalities and to avoid economic losses.

³ \$5 billion is provided through the Bipartisan Infrastructure Law in advanced appropriations, an additional \$1 billion is authorized under Division B of the Bipartisan Infrastructure Law for a total program level of \$6 billion.



Lastly, the Bipartisan Infrastructure Law includes funding for rail crossing safety through the **Rail-Highway Grade Crossing Formula Program** (\$1.2 billion) to reduce the number and severity of incidents to motorists, bicyclists, and pedestrians at grade crossings, and the **Railroad Crossing Elimination Program** (\$3 billion⁴) for competitive grants to eliminate rail crossings, where feasible.

Getting Ready:

The Bipartisan Infrastructure Law creates a number of new discretionary grant programs like Safe Streets and Roads for All and provides additional funding for existing programs. State, regional, local, and Tribal governments are encouraged to engage with the Department about upcoming opportunities, the requirements associated with them, and the timeframes when application opportunities will occur.

The Bipartisan Infrastructure Law also updates Federal aid formula program requirements and eligibilities, and States should expect updated guidance from Federal Highway Administration, Federal Motor Carrier Safety Administration, and National Highway Traffic Safety Administration in the coming months.

⁴ \$3 billion is provided through the Bipartisan Infrastructure Law in advanced appropriations and an additional \$2.5 billion is authorized under Division B of the Bipartisan Infrastructure Law for a total program level of \$5.5 billion.



Program Name	Agency Name	Funding Amount
Highway Safety Improvement Program	Department of Transportation	\$15,557,499,996
Safe Streets and Roads for All	Department of Transportation	\$5,000,000,000
Railroad Crossing Elimination Grants	Department of Transportation	\$3,000,000,000
Motor Carrier Safety Assistance Program	Department of Transportation	\$2,432,500,000
Highway Safety Programs	Department of Transportation	\$1,992,000,000
Motor Carrier Safety Operations and Programs	Department of Transportation	\$1,925,000,000
National Priority Safety Programs	Department of Transportation	\$1,874,500,000
Railway-Highway Crossings Program	Department of Transportation	\$1,225,000,000
Natural Gas Distribution Infrastructure Safety and Modernization Grants	Department of Transportation	\$1,000,000,000
Highway Safety Research & Development	Department of Transportation	\$970,000,000
Crash Data	Department of Transportation	\$750,000,000
Vehicle Safety and Behavioral Research	Department of Transportation	\$548,500,000
High Priority Activities Program	Department of Transportation	\$432,500,000
Wildlife Crossings Pilot Program	Department of Transportation	\$350,000,000
Commercial Driver's License Implementation Program	Department of Transportation	\$297,500,000
High-Visibility Enforcement	Department of Transportation	\$201,600,000
National Driver Register	Department of Transportation	\$36,000,000
Commercial Motor Vehicle Enforcement Training & Support Grant Program	Department of Transportation	\$25,000,000
TOTAL - SAFETY		\$37,617,599,996



Highway Safety Improvement Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$15,557,499,996

Period of availability: 4 year

Funding mechanism: Grant

New program: No

Recipients: States (including District of Columbia)

Description: The Highway Safety Improvement Program provides States with critical safety funding that is used to save lives and prevent serious injuries on all public roads. The Highway Safety Improvement Program is based on a performance-driven process that identifies and analyzes highway safety problems and advances highway safety improvement projects that have the greatest potential to reduce fatalities and serious injuries.

Eligible uses: Safety projects on all public roads.

Federal cost share requirement: 90 percent Federal / 10 percent non-Federal. Waivers are available in some circumstances.

Statutory location: 11101; 11111



Safe Streets and Roads for All

Federal Agency: Department of Transportation

Bureau or Account: Office of the Secretary

Funding amount: \$5,000,000,000

Period of availability: Available until expended

Funding mechanism: Competitive Grant

New program: Yes

Recipients: A metropolitan planning organization, a political subdivision of a State, a Federally recognized Tribal government, and a multijurisdictional group of any of the aforementioned entities.

Description: The Office of the Secretary's Safe Streets and Roads for All Grant program provides supplemental funding to support local initiatives to prevent death and serious injury on roads and streets, commonly referred to as "Vision Zero" or "Toward Zero Deaths" initiatives.

Eligible uses: Development of a comprehensive safety action plan, conducting planning, design, and development activities for projects and strategies identified in a comprehensive safety action plan, and carrying out such projects and strategies.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are not available.

Statutory location: 24112



Railroad Crossing Elimination Grants

Federal Agency: Department of Transportation

Bureau or Account: Federal Railroad Administration

Funding amount: \$3,000,000,000

Period of availability: Available until expended

Funding mechanism: Competitive Grant

New program: Yes

Recipients: A State, including the District of Columbia, Puerto Rico, and other United States territories and possessions. A political subdivision of a State. Federally recognized Tribe. A unit of local government or a group of local governments. A public port authority. A metropolitan planning organization. A group of entities described above.

Description: To fund highway-rail or pathway-rail grade crossing improvement projects that focus on improving the safety and mobility of people and goods.

Eligible uses: Eligible projects include: (1) a grade separation or closure, including through the use of a bridge, embankment, tunnel, or combination thereof; (2) track relocation; (3) the improvement or installation of protective devices, signals, signs, or other measures to improve safety, provided that such activities are related to a separation or relocation project described previously; (4) other means to improve the safety and mobility of people and goods at highway-rail grade crossings (including technological solutions); and (5) a group of related projects described previously that would collectively improve the mobility of people and goods. The planning, environmental review, and design of projects previously described are also eligible.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are not available.

Statutory location: 22909



Motor Carrier Safety Assistance Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Motor Carrier Safety Administration

Funding amount: \$2,432,500,000

Period of availability: Year of award + two years

Funding mechanism: Formula Grant

New program: No

Recipients: State Lead Motor Carrier Safety Assistance Program Agencies

Description: The Motor Carrier Safety Assistance Program is a Federal grant program that provides financial assistance to States to reduce the number and severity of crashes and hazardous materials incidents involving commercial motor vehicles. The goal of the Motor Carrier Safety Assistance Program is to reduce commercial motor vehicle-involved crashes, fatalities, and injuries through consistent, uniform, and effective commercial motor vehicle safety programs. The Motor Carrier Safety Assistance Program is Federal Motor Carrier Safety Administration's largest grant program that supports State and local law enforcement agencies to utilize over 12,000 enforcement officers to increase enforcement and safety activities nationwide.

Eligible uses: To carry out the State's Commercial Motor Vehicle Safety Plan.

Federal cost share requirement: Federal share is at least 85 percent statutorily, but 95 percent Federal/5 percent non-Federal for fiscal year 2022. Waivers are available.

Statutory location: 23001



Highway Safety Programs

Federal Agency: Department of Transportation

Bureau or Account: National Highway Traffic Safety Administration

Funding amount: \$1,992,000,000

Period of availability: 4 year

Funding mechanism: Formula Grant

New program: No

Recipients: States, the Secretary of Interior for the Tribes, the District of Columbia, Puerto Rico, American Samoa, Guam, Commonwealth of the Northern Mariana Islands, and the U.S. Virgin Islands.

Description: Section 402 funds are authorized by Congress and are available to the 50 States, the District of Columbia, Puerto Rico, the U. S. Territories and the Bureau of Indian Affairs. These funds are apportioned using statutory apportionment formula. These funds are provided to the State and Territorial Highway Safety Offices based on an approved highway safety plan that details problem identification, performance measures, countermeasures and projects using identified countermeasures to help reduce crashes, injuries and fatalities resulting from motor vehicle crashes.

Eligible uses: To be specified in the implementing regulation.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal (except for American Samoa, Guam, Northern Marianas, and the Virgin Islands = 100 percent Federal share). Waivers are available for Tribes.

Statutory location: 24101; 24102



Motor Carrier Safety Operations and Programs

Federal Agency: Department of Transportation

Bureau or Account: Federal Motor Carrier Safety Administration

Funding amount: \$1,925,000,000

Period of availability: Mixture of Available until expended, but annually appropriated, and 4-year funding

Funding mechanism: Administrative Expenses

New program: No

Recipients: N/A

Description: The Operations and Programs account provides the necessary resources to support program and administrative activities to include salaries and benefits for motor carrier safety personnel.

Eligible uses: Funding supports motor carrier safety and consumer enforcement, along with Federal safety enforcement at U.S. borders to ensure foreign-domiciled trucks entering the U.S. are in compliance with safety regulations. Resources are also provided to fund regulatory development and implementation, investment in research and technology with a focus on research regarding highly automated vehicles and related technology, and information technology and information management.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 23001



National Priority Safety Programs

Federal Agency: Department of Transportation

Bureau or Account: National Highway Traffic Safety Administration

Funding amount: \$1,874,500,000

Period of availability: 4 year

Funding mechanism: Formula Grant

New program: No

Recipients: States, the District of Columbia, Puerto Rico, American Samoa, Guam, Commonwealth of the Northern Mariana Islands, and the U.S. Virgin Islands for most grants.

Description: To encourage States to address national priorities for reducing highway deaths and injuries through occupant protection programs, State traffic safety information system improvements, impaired driving countermeasures, passage of effective laws to reduce distracted driving, implementation of motorcyclist safety programs, and non-motorist safety programs. Two new grant programs were introduced to improve roadside safety and driver and officer safety grants.

Eligible uses: To be specified in the implementing regulation.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are not available.

Statutory location: 24101; 24102



Railway-Highway Crossings Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$1,225,000,000

Period of availability: 4 year

Funding mechanism: Formula Grant

New program: No

Recipients: States (including District of Columbia)

Description: The Railway-Highway Crossings program supports projects with the goal of reducing the number of fatalities, injuries, and crashes at public railway-highway grade crossings.

Eligible uses: Railway-highway crossing projects

Federal cost share requirement: No non-Federal cost share required

Statutory location: 11108



Natural Gas Distribution Infrastructure Safety and Modernization Grants

Federal Agency: Department of Transportation

Bureau or Account: Pipeline and Hazardous Materials Safety Administration

Funding amount: \$1,000,000,000

Period of availability: 11 Years

Funding mechanism: Competitive Grant

New program: Yes

Recipients: Municipal or community-owned utilities (Not-for-Profit)

Description: Grant funds will be made available to municipalities or community owned utilities (not including for-profit entities) to repair, rehabilitate, or replace natural gas distribution pipeline systems or portions thereof or to acquire equipment to reduce incidents and fatalities, and to avoid economic loss.

Eligible uses: Cost to repair, rehabilitate, or replace natural gas distribution pipeline systems or portions thereof or to acquire equipment to reduce incidents and fatalities, and to avoid economic loss.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VIII



Highway Safety Research & Development

Federal Agency: Department of Transportation

Bureau or Account: National Highway Traffic Safety Administration

Funding amount: \$970,000,000

Period of availability: 4 year

Funding mechanism: Grants, Cooperative Agreements, Contracts

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized), Tribal Governments (other than Federally recognized), Independent School Districts, Public Higher-Ed Institutions, Private Higher-Ed Institutions, Nonprofits with 501(c)(3) status, Nonprofits - without 501(c)(3) status, Small Businesses, Businesses (other than small businesses), and / or Individuals

Description: The Highway Safety Research and Development program is authorized under 23 U.S.C. 403. Research and development activities with respect to (1) highway and traffic safety systems and conditions, (2) human behavioral factors and their effect on highway and traffic safety, (3) evaluation of the effectiveness of countermeasures to increase highway and traffic safety, (4) development of technologies to detect drug impaired drivers, (5) driver education programs, State laws on highway and traffic safety; Cooperative research and evaluation to research and evaluate priority highway safety countermeasures; Collaborative research on in-vehicle technology to prevent alcohol-impaired driving; Education campaign to reduce incidence of vehicular heatstroke of children; Grant program to develop and implement State processes for informing consumers of recalls; and Evaluation of innovative highway safety countermeasures.

Eligible uses: TBD via Notice of Funding Opportunity

Federal cost share requirement: Up to 100 percent Federal

Statutory location: 24101; 24103



Crash Data

Federal Agency: Department of Transportation

Bureau or Account: National Highway Traffic Safety Administration

Funding amount: \$750,000,000

Period of availability: 4 year

Funding mechanism: Competitive Grants and Contracts

New program: Yes

Recipients: Grants: States, the Secretary of Interior for the Tribes, the District of Columbia, Puerto Rico, American Samoa, Guam, Commonwealth of the Northern Mariana Islands, and the U.S. Virgin Islands; ; Contracts: businesses, non-profits

Description: Funding will be used pursuant to Bipartisan Infrastructure Law §24108 to improve crash data collections and analysis, specifically: to revise non-motorist data collection to distinguish individual personal conveyances like electric scooters and bicycles, update the Model Minimum Uniform Crash Criteria (MMUCC), collect additional data elements related to vulnerable road users, coordinate with Centers for Disease Control and Prevention on national database of pedestrian injuries & fatalities, increase participation in the Electronic Data Transfer (EDT) protocol via new State grant program and internal investment, and expand the Crash Investigation Sampling System by adding sites, broadening scope, and adopting on-scene investigation protocols

Eligible uses: For EDT grants: equipment to upgrade a Statewide crash data repository, adoption of electronic crash reporting by law enforcement agencies, and increasing alignment of State crash data with the latest Model Minimum Uniform Crash Criteria.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are not available.

Statutory location: 24108



Vehicle Safety and Behavioral Research

Federal Agency: Department of Transportation

Bureau or Account: National Highway Traffic Safety Administration

Funding amount: \$548,500,000

Period of availability: 4 year

Funding mechanism: Grants, Cooperative Agreements, or Contracts

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized), Tribal Governments (other than Federally recognized), Independent School Districts, Public Higher-Ed Institutions, Private Higher-Ed Institutions, Nonprofits with 501(c)(3) status, Nonprofits - without 501(c)(3) status, Small Businesses, Businesses (other than small businesses), and / or Individuals

Description: To provide supplemental funding to accelerate vehicle and behavioral safety research.

Eligible uses: Vehicle and behavioral safety

Federal cost share requirement: Up to 100 percent Federal

Statutory location: Division J, Title VIII



High Priority Activities Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Motor Carrier Safety Administration

Funding amount: \$432,500,000

Period of availability: Year of award + two years or year of award + four years, depending on the priority

Funding mechanism: Grant and Cooperative Agreement

New program: No

Recipients: States, local governments, Federally recognized Tribes, other political jurisdictions as necessary, and any person

Description: The High Priority Activities grant program is a discretionary (competitive) grant program designed to provide Federal financial assistance to enhance States' commercial vehicle safety plan activities, including commercial vehicle inspections, traffic enforcement, and outreach while supporting innovative technology development and/or new project(s) not included in the commercial vehicle safety plan that will have a positive impact on commercial vehicle safety. Other applicants, such as academia and safety associations are also eligible for these grants that improve safety. Overall this grant supports safety programs and innovative technology deployment with a goal of increasing efficiency improvements in exchanging commercial vehicle safety data.

Eligible uses: The grant program provides financial assistance to carry out activities and projects that augment motor carrier safety which include: supporting participation in performance and registration information systems management; conducting safety data improvement projects; increasing public awareness and education on commercial vehicle safety; targeting unsafe driving in areas identified as high risk crash corridors; improving the safe and secure movement of hazardous materials; improving safe transportation of goods and persons in foreign commerce; demonstrating new technologies to improve commercial vehicle safety; and otherwise improving safety and compliance with commercial vehicle safety regulations; and to support and maintain commercial safety information systems and networks.

Federal cost share requirement: Federal share at least 85 percent

Statutory location: 23001



Wildlife Crossings Pilot Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$350,000,000

Period of availability: 4 year

Funding mechanism: Grant

New program: Yes

Recipients: State highway agency (or equivalent), Metropolitan Planning Organizations, Local government, Regional transportation authority, Special purpose district or public authority with a transportation function, Tribe, Federal land management agency

Description: The Wildlife Crossings Pilot program will support projects that seek to reduce the number of wildlife-vehicle collisions, and in carrying out that purpose, improve habitat connectivity

Eligible uses: Projects to reduce wildlife-vehicle collisions

Federal cost share requirement: See 23 U.S.C. 120 (default)

Statutory location: 11101; 11123



Commercial Driver's License Implementation Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Motor Carrier Safety Administration

Funding amount: \$297,500,000

Period of availability: Year of award + four years

Funding mechanism: Grant and Cooperative Agreement

New program: No

Recipients: A State agency, local government, or any person

Description: The Commercial Driver's License Implementation Program discretionary grant seeks to improve highway safety by supporting Commercial Driver's License Programs on a State and national level. The funding assists grant partners in achieving compliance with the Commercial Driver's License regulations in 49 CFR Parts 383 and 384 by providing funding directly to States and other entities capable of executing national projects to aid States in their compliance efforts.

Eligible uses: To assist the State in complying with the requirements of section 31311; to improve the State's implementation of its commercial driver's license program; research, development and testing, demonstration projects, public education, and other special activities and projects relating to commercial drivers licensing and motor vehicle safety

Federal cost share requirement: Federal share is at least 85 percent.

Statutory location: 23001



High-Visibility Enforcement

Federal Agency: Department of Transportation

Bureau or Account: National Highway Traffic Safety Administration

Funding amount: \$201,600,000

Period of availability: 4 year

Funding mechanism: Contract

New program: No

Recipients: Businesses (other than small businesses) and Nonprofits with 501(c)(3)

Description: Under 23 U.S.C. 404, the National Highway Traffic Safety Administration carries out national traffic safety campaigns to reduce alcohol-impaired or drug-impaired driving and to increase the use of seatbelts.

Eligible uses: N/A

Federal cost share requirement: No non-Federal cost share required

Statutory location: 24101; 24104



National Driver Register

Federal Agency: Department of Transportation

Bureau or Account: National Highway Traffic Safety Administration

Funding amount: \$36,000,000

Period of availability: 4 year

Funding mechanism: Notice of Funding Opportunity and Competitive Contracts

New program: No

Recipients: Businesses (other than small businesses) and Nonprofits with 501(c)(3)

Description: The National Driver Register (NDR) program is authorized under 49 U.S.C. Chapter 303. The NDR maintains the Problem Driver Pointer System (PDPS), a computerized database containing information on individuals whose privilege to operate a motor vehicle has been revoked, suspended, canceled or denied or who have been convicted of serious traffic-related offenses.

Eligible uses: The purpose is to cover the NDR and PDPS operational costs.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 24101



Commercial Motor Vehicle Enforcement Training & Support Grant Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Motor Carrier Safety Administration

Funding amount: \$25,000,000

Period of availability: Year of award + four years

Funding mechanism: Grant and Cooperative Agreement

New program: Yes

Recipients: Non-profit organization with expertise in conducting training for non-Federal government employees and the ability to reach and involve a target population of Commercial Motor Vehicle safety enforcement employees

Description: The purpose of this new discretionary grant is to train non-Federal government employees who conduct Commercial Motor Vehicle enforcement activities and to develop related training materials.

Eligible uses: The purpose is to train non-Federal government employees who conduct Commercial Motor Vehicle enforcement activities and to develop related training materials.

Federal cost share requirement: Federal share is 100 percent

Statutory location: 23001



Electric Vehicles, Buses and Ferries

Challenge: Building a network of electric vehicle chargers and supporting the transition to electrification across all types of vehicles is critical to reduce emissions and help to combat the climate crisis. U.S. market share of plug-in electric vehicle sales is only one-third the size of the Chinese electric vehicle market.

Solutions: The Bipartisan Infrastructure Law includes up to a \$7.5 billion investment in electric vehicle charging to help build out a national network of 500,000 electric vehicle chargers. This investment will make electric vehicles accessible to all Americans, create good-paying jobs across the country, and ensure a convenient, reliable, affordable, and equitable charging experience for all users. The Bipartisan Infrastructure Law provides funding for deployment of electric vehicle chargers along highway corridors to facilitate long-distance travel and within communities to provide convenient charging where people live, work, and shop.

In addition, there are investments from the Bipartisan Infrastructure Law for specific vehicles to transition to electric: school buses, transit buses and even passenger ferries to reduce emissions for their riders, including children and low-income families that bear the greatest burdens of pollution while trying to meet their mobility needs.

Funding Overview: This funding falls into five major programs (1) National Electric Vehicle Infrastructure Formula Program (\$5 billion) (2) Discretionary Grant Program for Charging and Fueling Infrastructure (\$2.5 billion), (3) Clean School Bus Program (\$5 billion), (4) Low- and No-Emission Transit Bus Program (\$5.6 billion) and (5) Electric or Low Emitting Ferry Program (\$250 million) for a total of over \$18 billion in investments to reduce emissions through the electrification of vehicles.

The National Electric Vehicle Charging Formula Program (\$5 billion) and Discretionary Grant Program for Charging and Fueling Infrastructure (\$2.5 billion) provide a total of \$7.5 billion to States to procure and install electric vehicle chargers, with the goal of building a national network of electric vehicle chargers and to support charging in communities where people live, work, and shop. The Formula Program targets electric vehicle charging along corridors and Interstates. The Grant Program will invest in charging and fueling (hydrogen, propane, and natural gas) infrastructure both along corridors and in communities to support innovative approaches that ensure charger deployment reaches rural, disadvantaged, and other hard-to-reach communities. Funding amounts by State for the \$5 billion investment can be found in the Department of Transportation's State-by-State fact sheets [here](#).

New funding will also go to improve transit and school buses. The **Clean School Bus Program, Low- and No-Emission Transit Bus Program, and Electric or Low Emitting Ferry Grant Program** support transitioning buses and ferries to zero emission alternatives. These programs will support innovation in new types of vehicles that reduce pollution in communities and for children and passengers.



In addition, the Bipartisan Infrastructure Law creates the Joint Office of Energy and Transportation, which will provide technical assistance to support the efficient and equitable deployment of electric vehicle charging and other related programs. This office will be a key resource for local communities.

Getting Ready:

- Identify a staff lead on electric vehicle charging to provide guidance, share lessons learned, and coordinate with State and federal staff.
- Connect with State Departments of Transportation who will receive the Formula Program funds and other electric vehicle planning entities like the State Departments of Energy or Environment. Work with them to identify current and potential Alternative Fuel Corridors in and near your community.
- Reach out to school districts and transit agencies to ensure they are preparing for upcoming funding opportunities and know where to go for technical assistance.
- Stay tuned for more information from the Joint Office of Energy and Transportation and the technical assistance and capacity building they will provide.
- Learn more about the technologies, case studies, and lessons learned on the Alternative Fuels Data Center (afdc.energy.gov).
- Watch for upcoming funding opportunities from Environmental Protection Agency, Department of Energy, and Department of Transportation for competitive grants funded through the Bipartisan Infrastructure Law investments.

Existing Resources:

- Read this [Department of Transportation Report](#) on charging infrastructure.
- Check out the Department of Energy's [Alternative Fuels Data Center](#).
- Read more on the Environmental Protection Agency's [Clean School Bus Program](#) and the Department of Transportation [Low or No Emission Vehicle Program](#).



Program Name	Agency Name	Funding Amount
Low or No Emission (Bus) Grants	Department of Transportation	\$5,624,550,890
National Electric Vehicle Infrastructure Formula Program	Department of Transportation	\$5,000,000,000
Clean School Bus Program	Environmental Protection Agency	\$5,000,000,000
Charging and Fueling Infrastructure Grants (Community Charging)	Department of Transportation	\$1,250,000,000
Charging and Fueling Infrastructure Grants (Corridor Charging)	Department of Transportation	\$1,250,000,000
Electric or Low-Emitting Ferry Program	Department of Transportation	\$250,000,000
Electric Drive Vehicle Battery Recycling And 2nd Life Apps	Department of Energy	\$200,000,000
Low or No Emission Vehicle Component Assessment Program	Department of Transportation	\$26,169,974
Safety-Related Activities (Set-aside)	Department of Transportation	\$17,500,000
Commercial Motor Vehicle Operators Grant Program	Department of Transportation	\$16,500,000
TOTAL - ELECTRIC VEHICLES, BUSES AND FERRIES		\$18,634,720,864



Low or No Emission (Bus) Grants

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$5,624,550,890

Period of availability: Year of Allocation + three years

Funding mechanism: Grant

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized)

Description: Provides capital funding to replace, rehabilitate, purchase, or lease buses and bus related equipment and to rehabilitate, purchase, construct, or lease bus-related facilities. Provides capital funding for low or no emissions bus projects.

Eligible uses: Capital

Federal cost share requirement: Varies. Waivers are not available.

Statutory location: 30018



National Electric Vehicle Infrastructure Formula Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$5,000,000,000

Period of availability: Available until expended

Funding mechanism: Formula Grant

New program: Yes

Recipients: States (including District of Columbia and Puerto Rico)

Description: Strategically deploy electric vehicle charging infrastructure and establish an interconnected network to facilitate data collection, access, and reliability. Sets aside 10 percent of funding for discretionary grants to State and local governments that require additional assistance to strategically deploy electric vehicle charging infrastructure.

Eligible uses: The acquisition and installation of electric vehicle charging infrastructure to serve as a catalyst for the deployment of such infrastructure and to connect it to a network to facilitate data collection, access, and reliability; proper operation and maintenance of electric vehicle charging infrastructure; data sharing about electric vehicle charging infrastructure to ensure the long-term success of investments.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are not available.

Statutory location: Division J, Title VIII



Clean School Bus Program

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$5,000,000,000

Period of availability: Available until expended

Funding mechanism: Grant, Rebate and Contract

New program: Yes

Recipients: Local or State Governmental Entities; An Eligible Contractor; A Nonprofit School Transportation Association; Or an Tribe

Description: State or local governments, eligible contractors, and nonprofit school transportation associations are authorized to receive grant funds. Fifty percent of the funds are authorized for zero-emission school buses, and fifty percent of the funds are authorized for alternative fuels and zero-emission school buses. Funds may be prioritized for rural or low-income communities and entities that have matching funds available. The Environmental Protection Agency Administrator is authorized to provide funds to cover up to 100 percent of the costs for the replacement of the bus.

Eligible uses: State or local governments, eligible contractors, and nonprofit school transportation associations are authorized to receive grant funds. Fifty percent of the funds are authorized for zero-emission school buses, and fifty percent of the funds are authorized for alternative fuels and zero-emission school buses. Funds may be prioritized for rural or low-income communities and entities that have matching funds available. The Environmental Protection Agency Administrator is authorized to provide funds to cover up to 100 percent of the costs for the replacement of the bus.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 71101



Charging and Fueling Infrastructure Grants (Community Charging)

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$1,250,000,000

Period of availability: 4 year

Funding mechanism: Competitive Grant

New program: Yes

Recipients: State or political subdivision of a State, Metropolitan Planning Organization, Local government, Special purpose district or public authority with a transportation function, Tribe, Territory

Description: Program funds will be made available each fiscal year for Community Grants, to install electric vehicle charging and alternative fuel in locations on public roads, schools, parks, and in publicly accessible parking facilities. These grants will be prioritized for rural areas, low-and moderate-income neighborhoods, and communities with low ratios of private parking, or high ratios of multiunit dwellings.

Eligible uses: Acquisition and installation of publicly accessible electric vehicle charging or alternative fueling infrastructure, operating assistance (for the first 5 years after installation), acquisition and installation of traffic control devices.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are not available.

Statutory location: 11101; 11401



Charging and Fueling Infrastructure Grants (Corridor Charging)

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$1,250,000,000

Period of availability: 4 year

Funding mechanism: Competitive Grant

New program: Yes

Recipients: State or political subdivision of a State, Metropolitan Planning Organizations, Local government, Special purpose district or public authority with a transportation function, Tribe, Territory

Description: Deploy electric vehicle charging and hydrogen/propane/natural gas fueling infrastructure along designated alternative fuel corridors and in communities.

Eligible uses: Acquisition and installation of publicly accessible electric vehicle charging or alternative fueling infrastructure, operating assistance (for the first 5 years after installation), acquisition and installation of traffic control devices.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are not available.

Statutory location: 11101; 11401



Electric or Low-Emitting Ferry Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$250,000,000

Period of availability: To be determined

Funding mechanism: Grant

New program: Yes

Recipients: TBD

Description: The Bipartisan Infrastructure Law, establishes an Electric or Low-Emitting Ferry Pilot Program that makes Federal funding available to support the transition of passenger ferries to low or zero emission technologies.

Eligible uses: Capital

Federal cost share requirement: Varies. Waivers are not available.

Statutory location: Division J, Title VIII



Electric Drive Vehicle Battery Recycling And 2nd Life Apps

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$200,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreement

New program: Yes

Recipients: (1) Institutions of higher education. (2) National Laboratories. (3) Nonprofit and for-profit private entities. (4) State and local governments. (5) Consortia of entities described in paragraphs (1) through (4)

Description: To expand an existing program at the Department of Energy for research, development, and demonstration of electric vehicle battery recycling and second-life applications for vehicle batteries.

Eligible uses: (i) To conduct research, development, testing, evaluation of solutions to increase the rate and productivity of electric drive vehicle battery recycling; and(ii) for research, development, and demonstration projects to create innovative and practical approaches to increase the recycling and second-use of electric drive vehicle batteries.

Federal cost share requirement:

Statutory location: 40208



Low or No Emission Vehicle Component Assessment Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$26,169,974

Period of availability: To be determined

Funding mechanism: Cooperative Agreement, Contract, Grant

New program: No

Recipients: Qualified institutions of higher education

Description: The Federal Transit Administration will provide funds to two qualified institutions of higher education to conduct testing, evaluation, and analysis of low or no emission components intended for use in low- and zero emission buses used to provide public transportation. The Low and No-Emission Component Assessment Program (LoNO-CAP) is intended to test items that are separately installed in and removable from a low- or no-emission transit bus.

Eligible uses: To conduct testing, evaluation, and analysis of low- or no-emission vehicle and to conduct testing, evaluation, and analysis of low- or no-emission vehicle components, and new and emerging technology components intended for use in low- or no-emission vehicles; and to conduct directed technology research, as well as operations, maintenance, testing, and evaluation.

Federal cost share requirement: 50 percent Federal share/50 percent non-Federal share. Waivers are not available.

Statutory location: 30007



Safety-Related Activities (Set-aside)

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$17,500,000

Period of availability: 4 year

Funding mechanism: Competitive Grant

New program: No

Recipients: States (including District of Columbia)

Description: This set-aside is for transportation safety outreach, training, and education.

Eligible uses: Eligible activities includes: Operation Lifesaver, the Public Road Safety Clearinghouse, Work Zone Safety Grants, the National Work Zone Safety Information Clearinghouse, and guardrail training

Federal cost share requirement: No non-Federal cost share required

Statutory location: 11124



Commercial Motor Vehicle Operators Grant Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Motor Carrier Safety Administration

Funding amount: \$16,500,000

Period of availability: Year of award + two years

Funding mechanism: Competitive Grant

New program: No

Recipients: An entity that can train individuals in the safe operation of commercial motor vehicles

Description: The Commercial Motor Vehicle Operator Safety Training grant program awards grants to a variety of educational institutions that provide commercial truck and bus driving training, including accredited public or private colleges, universities, vocational-technical schools, post-secondary educational institutions, truck driver training schools, associations, and State and local governments, including Federally recognized Tribal governments.

Eligible uses: The purpose of this discretionary grant program is to train individuals in the safe operation of commercial motor vehicles and prioritize grant applications for programs to train former members of the armed forces and eligible family members.

Federal cost share requirement: Federal share is at least 85 percent.

Statutory location: 23001



Climate, Energy, and the Environment

“This bill will make historic and significant strides that take on the climate crisis. It will build out the first-ever national network of electric vehicle charging stations across the country. We will get America off the sidelines on manufacturing solar panels, wind farms, batteries, and electric vehicles to grow these supply chains, reward companies for paying good wages and for sourcing their materials from here in the United States, and allow us to export these products and technologies to the world. It will also make historic investments in environmental clean-up and remediation, and build up our resilience for the next superstorms, droughts, wildfires, and hurricanes that cost us billions of dollars in damage each year.”

– Statement by President Biden on the House Passage of the Bipartisan Infrastructure Law, November 6, 2021



Clean Energy and Power

Challenge: Our energy system is in desperate need of modernization and reform to increase resilience and bring low-cost clean energy to more Americans. Power outages cost the U.S. economy up to \$70 billion every year, and one in three U.S. households face challenges paying their energy bills. Many promising clean energy technologies that can help to meet our climate goals work in the lab but have yet to be demonstrated at scale. Too many of our homes, schools, and offices are inefficient, contributing to high energy bills and air pollution. And for too long, we have ceded ground on manufacturing to our global competitors.

Solutions: The Bipartisan Infrastructure Law is the largest investment in clean energy infrastructure in American history. It will modernize our power grid by building and upgrading thousands of miles of resilient transmission lines to reduce outages and energy costs and facilitate the expansion of clean energy. It will invest in energy efficiency and clean energy improvements in our homes, schools, businesses, and communities to make them cleaner and more affordable. And it will fund new programs to support the development, demonstration, and deployment of cutting-edge clean energy technologies to accelerate our transition to a zero-emission economy, while also creating good paying jobs and investing in manufacturing in communities across the country.

Funding Overview: This funding includes four major areas, covered under this section – (1) delivering clean power (~\$21.3 billion), (2) clean energy demonstrations (~\$21.5 billion), (3) energy efficiency and weatherization retrofits for homes, buildings, and communities (\$6.5 billion), and (4) funding for clean energy manufacturing and workforce development (\$8.6 billion).

Delivering clean power

In January 2022, the Department of Energy launched a new “**Building a Better Grid Initiative**” to accelerate the deployment of new transmission lines that will connect Americans to cleaner, cheaper electricity, while improving the resilience and reliability of the grid. This initiative will leverage the ~\$16.5 billion in Bipartisan Infrastructure Law funding to reliably deliver clean, affordable power to more Americans, improve the resilience of our grid infrastructure, and help achieve the President’s goal of 100 percent carbon pollution-free electricity by 2035. In addition, the Bipartisan Infrastructure Law provides \$6 billion for a **Civil Nuclear Credit Program** that will provide financial support to existing nuclear reactors that are at risk of closing and being replaced by higher-emitting power resources, and more than \$700 million for **upgrades to our existing hydropower fleet** that will improve efficiency, maintain safety, and reduce environmental impacts. Eligible recipients for this funding include States, Tribes, communities, and utilities, including utilities that operate under regulatory supervision by local governments and State commissions.



Clean energy demonstrations

In December 2021, the Department of Energy established a new **Office of Clean Energy Demonstrations** to oversee the \$21.5 billion in Bipartisan Infrastructure Law funding for clean energy demonstration projects for innovative technologies like clean hydrogen, carbon capture, grid-scale energy storage, advanced nuclear reactors, and more. Demonstration projects test the effectiveness of innovative technologies in real world conditions at scale, often leveraging public-private partnerships to pave the way towards commercialization and widespread deployment. Much of this funding will go to large projects that can be significant engines of local and regional economic development and job creation.

Energy efficiency

In the Bipartisan Infrastructure Law, Department of Energy is charged with investing an additional \$6.5 billion to support weatherization and other energy efficiency improvements to reduce energy costs for American families, businesses, schools, and communities, improve comfort and health, and cut carbon and air pollution, which disproportionately harms lower-income communities and communities of color. These investments will also help State, local, and Tribal governments develop and implement their own clean energy and energy efficiency programs that will create jobs in their communities. Much of this funding will flow through existing State energy offices, local governments, or weatherization and housing agencies.

Clean energy manufacturing and workforce

The Bipartisan Infrastructure Law investments in clean energy technology supply chains for technologies like batteries will allow America to make the energy technologies of the future right here at home, boosting our competitiveness within a global clean energy market expected to reach \$23 trillion by the end of the decade. These investments will create good jobs up and down the supply chain—especially manufacturing jobs and skills-matched opportunities for fossil fuel workers. Department of Energy's funding will go primarily to clean energy manufacturing facilities across the country.

Department of Interior's funding will enable the U.S. Geological Survey's Earth Mapping Resources Initiative (Earth MRI) to modernize the Nation's mapping of critical mineral potential, including those minerals necessary for clean energy technologies and for other key manufacturing sectors of the economy. This mapping will focus on both minerals still in the ground and mineral resources that may be reprocessed from mine wastes. The maps will also provide data useful to support remediation of abandoned mine lands, and will improve the Nation's understanding of other natural resources such as groundwater and geothermal energy, and geologic hazards such as earthquakes.



Getting Ready:

The power and clean energy provisions in the Bipartisan Infrastructure Law cover a variety of technologies, funding across competitive and formula formats, and potential recipient including State, local, territorial, and Tribal governments, clean energy companies, utilities, and others. To guide program design and help potential recipients prepare to apply for and receive funding, the Department of Energy will issue requests for information, notices of intent, webinars, and other stakeholder engagement opportunities.

To stay apprised of these opportunities, potential applicants can go to www.energy.gov/bipartisan-infrastructure-law-programs for the latest announcements and upcoming engagements.

Existing Resources:

- The Department of Energy has stood-up a centralized [one-stop shop](#) online for Bipartisan Infrastructure Law program information.
- Please review the Department of Energy's Notice of Intent on its "[Building a Better Grid Initiative](#)" which lays out a plan for forthcoming actions on grid modernization.
- The United States Geological Survey is leading an ongoing effort to identify areas that may contain undiscovered critical mineral resources, as the enhancement of our domestic mineral supply decreases our national reliance on foreign sources of minerals fundamental to our economy and security. Read more on their Earth Mapping Resources Initiative [here](#).



Program Name	Agency Name	Funding Amount
Power Marketing Administration Transmission Borrowing Authority	Department of Energy	\$10,000,000,000
Regional Clean Hydrogen Hubs	Department of Energy	\$8,000,000,000
Civil Nuclear Credit Program	Department of Energy	\$6,000,000,000
Program Upgrading Our Electric Grid and Ensuring Reliability and Resiliency	Department of Energy	\$5,000,000,000
Preventing Outages and Enhancing the Resilience of the Electric Grid / Hazard Hardening	Department of Energy	\$5,000,000,000
Four Regional Clean Direct Air Capture Hubs	Department of Energy	\$3,500,000,000
Weatherization Assistance Program	Department of Energy	\$3,500,000,000
Battery Materials Processing Grants	Department of Energy	\$3,000,000,000
Battery Manufacturing and Recycling Grants	Department of Energy	\$3,000,000,000
Smart Grid Investment Matching Grant Program	Department of Energy	\$3,000,000,000
Carbon Capture Demonstration Projects Program	Department of Energy	\$2,537,000,000
Transmission Facilitation Program	Department of Energy	\$2,500,000,000
Carbon Storage Validation and Testing	Department of Energy	\$2,500,000,000
Advanced Reactor Demonstration Program	Department of Energy	\$2,477,000,000
Carbon Dioxide Transportation Infrastructure Finance and Innovation Program	Department of Energy	\$2,100,000,000
Energy Improvement in Rural or Remote Areas	Department of Energy	\$1,000,000,000
Clean Hydrogen Electrolysis Program	Department of Energy	\$1,000,000,000
Carbon Capture Large-Scale Pilot Programs	Department of Energy	\$937,000,000
Advanced Energy Manufacturing and Recycling Grants	Department of Energy	\$750,000,000
Critical Material Innovation, Efficiency, And Alternatives	Department of Energy	\$600,000,000
Rehabilitation of High Hazard Potential Dams	Department of Homeland Security	\$585,000,000
Maintaining and Enhancing Hydroelectricity Incentives	Department of Energy	\$553,600,000
Energy Efficiency and Conservation Block Grant Program	Department of Energy	\$550,000,000
Purchase of Power and Transmission Services	Department of Energy	\$500,000,000
State Energy Program	Department of Energy	\$500,000,000
Clean Hydrogen Manufacturing Recycling Research, Development, and Demonstration Program	Department of Energy	\$500,000,000
Industrial Emission Demonstration Projects	Department of Energy	\$500,000,000
Grants for Energy Efficiency and Renewable Energy Improvements at Public School Facilities	Department of Energy	\$500,000,000
Industrial Research and Assessment Center Implementation Grants	Department of Energy	\$400,000,000
Energy Storage Demonstration and Pilot Grant Program	Department of Energy	\$355,000,000
Earth Mapping Resources Initiative	Department of the Interior	\$320,000,000
Carbon Utilization Program	Department of Energy	\$310,140,781
Assisting Federal Facilities with Energy Conservation Technologies Grant Program	Department of Energy	\$250,000,000
Energy Efficiency Revolving Loan Fund Capitalization Grant Program	Department of Energy	\$250,000,000
Cost-effective Codes Implementation for Efficiency and Resilience	Department of Energy	\$225,000,000
National Dam Safety Program	Department of Homeland Security	\$215,000,000



Energy and Minerals Research Facility	Department of the Interior	\$167,000,000
Industrial Research and Assessment Centers	Department of Energy	\$150,000,000
Long-Duration Energy Storage Demonstration Initiative and Joint Program	Department of Energy	\$150,000,000
Rare Earth Elements Demonstration Facility	Department of Energy	\$140,000,000
Rare Earth Security Activities	Department of Energy	\$127,000,000
Battery and Critical Mineral Recycling	Department of Energy	\$125,000,000
Hydroelectric Production Incentives	Department of Energy	\$125,000,000
Watershed Rehabilitation Program	Department of Agriculture	\$118,000,000
Front-End Engineering and Design Program Out Activities Under Carbon Capture Tech Program 962 Of EPA (Sec 40303)	Department of Energy	\$100,000,000
Commercial Direct Air Capture Technology Prize Competition	Department of Energy	\$100,000,000
Enhanced Geothermal Systems and Pilot Demonstrations	Department of Energy	\$84,000,000
Section 243 Hydroelectric Efficiency Improvement Incentives (Sec 40332)	Department of Energy	\$75,000,000
Critical Material Supply Chain Research Facility	Department of Energy	\$75,000,000
Marine Energy Research, Development, and Demonstration	Department of Energy	\$70,400,000
Wind Energy Technology Program	Department of Energy	\$60,000,000
Energy Efficiency Materials Pilot Program	Department of Energy	\$50,000,000
Energy Auditor Training Grant Program	Department of Energy	\$40,000,000
Solar Energy Research and Development	Department of Energy	\$40,000,000
Wind Energy Tech Recycling Research & Development	Department of Energy	\$40,000,000
National Marine Energy Centers	Department of Energy	\$40,000,000
Hydropower Research, Development, and Demonstration	Department of Energy	\$36,000,000
Solar Recycling Research & Development	Department of Energy	\$20,000,000
New Solar Research & Development	Department of Energy	\$20,000,000
Pre-Commercial Direct Air Capture Prize Competitions	Department of Energy	\$15,000,000
Pumped Storage Hydropower Wind and Solar Integration and System Reliability Initiative	Department of Energy	\$10,000,000
Extended Product System Rebates	Department of Energy	\$10,000,000
Energy Efficient Transformer Rebates	Department of Energy	\$10,000,000
Lithium-Ion Recycling Prize	Department of Energy	\$10,000,000
Career Skills Training	Department of Energy	\$10,000,000
Building, Training, And Assessment Centers	Department of Energy	\$10,000,000
Capital Improvement and Maintenance for Dams	Department of Agriculture	\$10,000,000
TOTAL - CLEAN ENERGY AND POWER		\$74,952,140,781



Power Marketing Administration Transmission Borrowing Authority

Federal Agency: Department of Energy

Bureau or Account: Power Marketing Administration

Funding amount: \$10,000,000,000 *in borrowing authority*

Period of availability: The obligation of additional borrowing authority shall not exceed \$6,000,000,000 by fiscal year 2028

Funding mechanism: Borrowing Authority for Federal Expenditure at Discretion of BPA Administrator

New program: No

Recipients: Entities That Assist in Implementing the Construction, Acquisition, And Replacement of The Federal Columbia River Power System

Description: Borrowing authority for the Bonneville Power Authority (BPA) to assist in the financing of the construction, acquisition, and replacement of the Federal Columbia River Power System. Requires BPA to issue an updated financial plan.

Eligible uses: Financing of the construction, acquisition, and replacement of the Federal Columbia River Power System and implementation of the authority of the Administrator of the Bonneville Power Administration under the Pacific Northwest Electric Power Planning and Conservation Act.

Federal cost share requirement: N/A

Statutory location: 40110



Regional Clean Hydrogen Hubs

Federal Agency: Department of Energy
Bureau or Account: Energy Programs

Funding amount: \$8,000,000,000

Period of availability: Available until expended

Funding mechanism: Grants, Contracts, Cooperative Agreements, or any other agreements authorized under this Act or other Federal law

New program: Yes

Recipients: Technology Developers, Industry, Utilities, Universities, National Laboratories, Engineering and Construction firms, State and Local Governments, Tribal, Environmental Groups, and Community Based Organizations.

Description: To support the development of at least 4 regional clean hydrogen hubs to improve clean hydrogen production, processing, delivery, storage, and end use.

Eligible uses: Projects that demonstrate the production, processing, delivery, storage, and end-use of, clean hydrogen through regional clean hydrogen hubs, which are networks of clean hydrogen producers, potential clean hydrogen consumers, and connective infrastructure located in close proximity.

Federal cost share requirement: TBD

Statutory location: 40314



Civil Nuclear Credit Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$6,000,000,000

Period of availability: fiscal year 2022 - 2026

Funding mechanism: Credit allocation

New program: Yes

Recipients: Certified nuclear reactors

Description: To establish a Civil Nuclear Credit (CNC) Program to prevent premature retirements of existing commercial nuclear reactors due to economic factors. The CNC Program will: certify nuclear reactors for program eligibility; establish a process to accept sealed bids for credits from certified nuclear reactors; allocate credits to certified nuclear reactors; and conduct periodic audits, with possible recapture of credits.

Eligible uses: Nuclear reactors that compete in a competitive electricity market and are projected to cease operations due to economic factors during the four-year credit period may apply for certification. The Secretary of Energy must determine that the nuclear reactor is projected to cease operations due to economic factors, that emissions will increase if the nuclear reactor retires, and that the U.S. Nuclear Regulatory Commission has reasonable assurance that the nuclear reactor will continue to operate consistent with its current licensing basis and that it poses no significant safety hazards. The first CNC award period, which began with the publication of Guidance on April 19, 2022, prioritizes nuclear reactors that made a public filing before November 15, 2021 of the intent to cease operations. Future award periods will not be limited to nuclear reactors that have publicly announced their intentions to cease operations.

Federal cost share requirement: Not applicable

Statutory location: 40323



Program Upgrading Our Electric Grid and Ensuring Reliability and Resiliency

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$5,000,000,000

Period of availability: \$1,000,000,000 appropriated annually for fiscal years 2022 through 2026 (to remain available until expended).

Funding mechanism: Grant, Cooperative Agreement, or Other

New program: Yes

Recipients: State, combination of 2 or more States; Tribes; units of local government, and/or public utility commissions.

Description: To provide Federal financial assistance to demonstrate innovative approaches to transmission, storage, and distribution infrastructure to harden and enhance resilience and reliability; and to demonstrate new approaches to enhance regional grid resilience.

Eligible uses: To coordinate and collaborate with electric sector owners and operators—(A) to demonstrate innovative approaches to transmission, storage, and distribution infrastructure to harden and enhance resilience and reliability; and (B) to demonstrate new approaches to enhance regional grid resilience, implemented through States by public and rural electric cooperative entities on a cost-shared basis

Federal cost share requirement: At least a 20 percent cost-share for a funded “research or development activity,” unless the activity is of a basic or fundamental nature. A 50 percent cost-share of total costs for a funded “demonstration or commercial application activity.”

Statutory location: 40103



Preventing Outages and Enhancing the Resilience of the Electric Grid / Hazard Hardening

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$5,000,000,000

Period of availability: Available until expended

Funding mechanism: States, Territories and Tribes – Formula Grants; Eligible entities – Grants or Cooperative Agreements

New program: Yes

Recipients: Electric Grid Operators, Electricity Storage Operators, Electricity Generators, Transmission Owners and Operators, Distribution Providers, Fuel Suppliers, States, Tribes

Description: To make grants to eligible entities, States, and Tribes to prevent outages and enhance the resilience of the electric grid.

Eligible uses: To carry out activities that are supplemental to existing hardening efforts and reduce the risk of power lines causing a wildfire; or reduce the likelihood and consequences of disruptive events.

Federal cost share requirement: States, Territories and Tribes – 15 percent cost share; Eligible entities – 100 percent match; Small utilities 1/3 matching cost share.

Statutory location: 40101

Note: This program was called 'Preventing Outages and Enhancing the Resilience of the Electric Grid Grants' in previous versions of this Guidebook.



Four Regional Clean Direct Air Capture Hubs

Federal Agency: Department of Energy
Bureau or Account: Energy Programs

Funding amount: \$3,500,000,000

Period of availability: \$700,000,000 annually for the period of fiscal years 2022 through 2026 (to remain available until expended)

Funding mechanism: Grant, Cooperative Agreement, or Other

New program: Yes

Recipients: Technology Developers, Industry, Utilities, Universities, National Laboratories, Engineering and Construction firms, State and Local Governments, Tribal, Environmental Groups, and Community Based Organizations

Description: To establish a program under which the Secretary shall provide funding for eligible projects that contribute to the development of 4 regional direct air capture hubs.

Eligible uses: A regional direct air capture hub that: (i) facilitates the deployment of direct air capture projects; (ii) has the capacity to capture and sequester, utilize, or sequester and utilize at least 1,000,000 metric tons of carbon dioxide from the atmosphere annually from a single unit or multiple interconnected units; (iii) demonstrates the capture, processing, delivery, and sequestration or end-use of captured carbon; and (iv) could be developed into a regional or interregional carbon network to facilitate sequestration or carbon utilization.

Federal cost share requirement: TBD

Statutory location: 40308



Weatherization Assistance Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$3,500,000,000

Period of availability: Beginning fiscal year 2022 (to remain until expended)

Funding mechanism: Formula Grant

New program: No

Recipients: States, Tribes

Description: To increase the energy efficiency of dwellings owned or occupied by low-income persons , reduce their total residential energy expenditures, and improve their health and safety, especially low-income persons who are particularly vulnerable such as the elderly, the handicapped, and children.

Eligible uses: Improvement of heating and cooling of dwellings by the installation of weatherization materials such as attic insulation, caulking, weather-stripping, furnace efficiency modifications, certain mechanical measures to heating and cooling systems, and replacement furnaces, boilers, and air-conditioners. Grantees may receive formula-based allocations and can perform weatherization retrofits with an average cost of up to \$8,009 per dwelling unit in fiscal year 2022. Up to 15 percent of each grant may be spent by a grantee and its subgrantees for administrative expenses (in the Formula Grants a grantee may not use more than 7.5 percent of the total State grant for such purposes).

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40551



Battery Materials Processing Grants

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$3,000,000,000

Period of availability: \$600,000,000 appropriated annually for fiscal years 2022 through 2026 (to remain available until expended)

Funding mechanism: Grant

New program: Yes

Recipients: (1) Institutions of higher education. (2) National Laboratories. (3) Nonprofit and for-profit private entities. (4) State and local governments. (5) Consortia of entities described in (1) through (4)

Description: To provide grants for battery materials processing to ensure that the United States has a viable battery materials processing industry. Funds can also be used to expand our domestic capabilities in battery manufacturing and enhance processing capacity.

Eligible uses: Demonstration projects, construction of commercial-scale facilities, and retrofit or retooling of existing battery material processing facilities.

Federal cost share requirement: ≥50 percent of the total project cost

Statutory location: 40207



Battery Manufacturing and Recycling Grants

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$3,000,000,000

Period of availability: \$600,000,000 appropriated annually for fiscal years 2022 through 2026 (to remain available until expended)

Funding mechanism: Grant

New program: Yes

Recipients: (1) Institutions of higher education. (2) National Laboratories. (3) Nonprofit and for-profit private entities. (4) State and local governments. (5) Consortia of entities described in paragraphs (1) through (4)

Description: To provide grants to ensure that the United States has a viable domestic manufacturing and recycling capability to support a North American battery supply chain.

Eligible uses: Demonstration projects, construction of commercial-scale facilities, and retrofit or retooling of existing facilities for battery component manufacturing, advanced battery manufacturing, and recycling.

Federal cost share requirement: ≥50 percent of the total project cost

Statutory location: 40207



Smart Grid Investment Matching Grant Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$3,000,000,000

Period of availability: \$600,000,000 appropriated annually for fiscal years 2022 through 2026 (to remain available until expended)

Funding mechanism: Grant

New program: Yes

Recipients: Utilities

Description: Funding and expansion of eligible activities under the Smart Grid Investment Matching Grant Program established under section 1306 of the Energy Independence and Security Act of 2007.

Eligible uses: Qualifying Smart Grid investments including for installation, that allow buildings to engage in demand flexibility or Smart Grid functions. Qualifying Smart Grid investments including for installation, that allow buildings to engage in demand flexibility or Smart Grid functions. Eligible investments include metering, control, and other devices, sensors, and software; communications and broadband technologies to support smart grid deployment; technologies and programs to integrate electric vehicles to the grid; devices and software for buildings support demand flexibility and other smart grid functions; operational fiber and wireless broadband communications networks enabling data sharing between distribution system components; and Advanced transmission technologies, including dynamic line rating, flow control devices, advanced conductors, and network topology optimization, to increase the operational transfer capacity transmission networks.

Federal cost share requirement: A 50 percent cost-share of total costs.

Statutory location: 40107

Note: This program was called 'Deployment of Technologies to Enhance Grid Flexibility' in previous versions of this Guidebook.



Carbon Capture Demonstration Projects Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$2,537,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreement

New program: Yes

Recipients: Technology Developers, Industry, Utilities, Universities, National Laboratories, Engineering and Construction firms, State and Local Governments, Tribal, Environmental Groups, and Community Based Organizations.

Description: To establish a carbon capture technology program for the development of 6 facilities to demonstrate transformational technologies that will significantly improve the efficiency, effectiveness, costs, emissions reductions, and environmental performance of coal and natural gas use, including in manufacturing and industrial facilities.

Eligible uses: Of the demonstration projects carried out — (i) 2 shall be designed to capture carbon dioxide from a natural gas electric generation facility; (ii) 2 shall be designed to capture carbon dioxide from a coal electric generation facility; and (iii) 2 shall be designed to capture carbon dioxide from an industrial facility not purposed for electric generation.

Federal cost share requirement: TBD

Statutory location: 41004



Transmission Facilitation Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$2,500,000,000 (*Borrowing Authority*)

Period of availability: Available until expended

Funding mechanism: Loan, Direct Financing, or Capacity Purchase

New program: Yes

Recipients: Transmission Developers

Description: To facilitate the construction of electric power transmission lines and related facilities to enable greater clean energy growth and provide low-cost clean energy to more Americans.

Eligible uses: To facilitate eligible projects, the Secretary may-- (A) enter into a capacity contract with respect to an eligible project with the objective of reselling that capacity once the financial viability of the project has been established; (B) issue a loan to an eligible entity for the costs of carrying out an eligible project; or (C) participate with an eligible entity in designing, developing, constructing, operating, maintaining, or owning an eligible project.

Federal cost share requirement: N/A

Statutory location: 40106



Carbon Storage Validation and Testing

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$2,500,000,000

Period of availability: Available until expended

Funding mechanism: Grant, Cooperative Agreement, or Other

New program: Yes

Recipients: Technology Developers, Industry, Utilities, Universities, National Laboratories, Engineering and Construction firms, and State and Local Governments.

Description: To establish a program of research, development, and demonstration for carbon storage.

Eligible uses: Development of new or expanded commercial large-scale carbon sequestration projects and associated carbon dioxide transport infrastructure, including funding for the feasibility, site characterization, permitting, and construction stages of project development.

Federal cost share requirement: TBD

Statutory location: 40305



Advanced Reactor Demonstration Program

Federal Agency: Department of Energy
Bureau or Account: Energy Programs

Funding amount: \$2,477,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreement

New program: No

Recipients: Domestic Nuclear Industry Partners, National Laboratories, and Engineering and Construction firms.

Description: To fund two large demonstrations of advanced nuclear reactors for electricity generation.

Eligible uses: Funding for the existing advanced reactor demonstration program (DE-FOA-0002271).

Federal cost share requirement:

Statutory location: 41002



Carbon Dioxide Transportation Infrastructure Finance and Innovation Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$2,100,000,000

Period of availability: Available until expended

Funding mechanism: Loan / Grant

New program: Yes

Recipients: State / Local / Public Authority

Description: To establish and carry out a carbon dioxide transportation infrastructure finance and innovation program.

Eligible uses: Projects that: (A) are large-capacity, common carrier infrastructure; (B) have demonstrated demand for use of the infrastructure by associated projects that capture carbon dioxide from anthropogenic sources or ambient air; (C) enable geographical diversity in associated projects that capture carbon dioxide from anthropogenic sources or ambient air, with the goal of enabling projects in all major carbon dioxide-emitting regions of the United States; and (D) are sited within, or adjacent to, existing pipelines or other linear infrastructure corridors, in a manner that minimizes environmental disturbance and other siting concerns.

Federal cost share requirement: TBD

Statutory location: 40304



Energy Improvement in Rural or Remote Areas

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$1,000,000,000

Period of availability: \$200,000,000 appropriated annually for fiscal years 2022 through 2026 (to remain available until expended)

Funding mechanism: Grant, Cooperative Agreement, or Other

New program: Yes

Recipients: Cities, towns, or unincorporated areas with populations of not more than 10,000 inhabitants.

Description: In consultation with the Department of the Interior, to provide financial assistance to improve, in rural or remote areas of the United States, the resilience, safety, reliability, and availability of energy, as well as environmental protection from adverse impacts of energy generation.

Eligible uses: Overall cost-effectiveness of energy generation, transmission, or distribution systems; siting or upgrading transmission and distribution lines; reducing greenhouse gas emissions from energy generation by rural or remote areas; providing or modernizing electric generation facilities; developing microgrids; and increasing energy efficiency.

Federal cost share requirement: TBD

Statutory location: 40103

Note: This program was called 'Energy Improvement in Rural and Remote Areas' in previous versions of this Guidebook.



Clean Hydrogen Electrolysis Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$1,000,000,000

Period of availability: Available until expended

Funding mechanism: Grants, Contracts, Cooperative Agreements, or any other agreements authorized under this Act or other Federal law

New program: Yes

Recipients: Nonprofit and for-profit private entities, Institutions of higher education, National Laboratories, Consortia, State and local governments, Tribes and Tribal organizations, and other entities deemed eligible by the secretary

Description: To establish a research, development, demonstration, and deployment program for purposes of commercialization to improve the efficiency, increase the durability, and reduce the cost of producing clean hydrogen using electrolyzers.

Eligible uses: (1) To demonstrate technologies that produce clean hydrogen using electrolyzers; and (2) to validate information on the cost, efficiency, durability, and feasibility of commercial deployment.

Federal cost share requirement: TBD

Statutory location: 40314



Carbon Capture Large-Scale Pilot Programs

Federal Agency: Department of Energy
Bureau or Account: Energy Programs

Funding amount: \$937,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreement

New program: Yes

Recipients: Technology Developers, Industry, Utilities, Universities, National Laboratories, Engineering and Construction firms, State, Tribal, and Local Governments, Environmental Groups, and Community Based Organizations.

Description: To establish a carbon capture technology program for the development of transformational technologies that will significantly improve the efficiency, effectiveness, costs, emissions reductions, and environmental performance of coal and natural gas use, including in manufacturing and industrial facilities.

Eligible uses: Pilot projects that—(A) represent the scale of technology development beyond laboratory development and bench scale testing, but not yet advanced to the point of being tested under real operational conditions at commercial scale; (B) represent the scale of technology necessary to gain the operational data needed to understand the technical and performance risks of the technology before the application of that technology at commercial scale or in commercial-scale demonstration; and (C) are large enough—(i) to validate scaling factors; and (ii) to demonstrate the interaction between major components so that control philosophies for a new process can be developed and enable the technology to advance from large-scale pilot project application to commercial-scale demonstration or application.

Federal cost share requirement: TBD

Statutory location: 41004



Advanced Energy Manufacturing and Recycling Grants

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$750,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: Manufacturing firm with: (A) gross annual sales of less than \$100,000,000; (B) fewer than 500 employees at the plant site of the manufacturing firm; and (C) annual energy bills which total more than \$100,000 but less than \$2,500,000.

Description: To provide grants to small- and medium-sized manufacturers to enable them to build new or retrofit existing manufacturing and industrial facilities to produce or recycle advanced energy products in communities where coal mines or coal power plants have closed.

Eligible uses: To re-equip, expand, or establish a manufacturing or recycling facility for the production or recycling of advanced energy technologies (including clean electricity, industrial decarbonization, clean transportation, clean fuels, etc.); or to re-equip an industrial or manufacturing facility with equipment designed to reduce greenhouse gas emissions of that facility.

Federal cost share requirement: Not specified

Statutory location: 40209



Critical Material Innovation, Efficiency, And Alternatives

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$600,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: Industry Partner

Description: To conduct a program of research, development, demonstration, and commercialization to develop alternatives to critical materials, to promote their efficient production and use, and ensure a long-term secure and sustainable supply of them.

Eligible uses: (A) Alternative materials, particularly materials available in abundance within the United States and not subject to potential supply restrictions, that lessen the need for critical materials; (B) alternative energy technologies or alternative designs of existing energy technologies; (C) technologies or process improvements that minimize the use and content, or lead to more efficient use, of critical materials across the full supply chain; (D) innovative technologies and practices to diversify commercially viable and sustainable domestic sources of critical materials; (E) technologies, process improvements, or design optimizations that facilitate the recycling of critical materials; (F) advanced critical material extraction, production, separation, alloying, or processing technologies that decrease the energy consumption, environmental impact, and costs of those activities; (G) commercial markets, advanced storage methods, energy applications, and other beneficial uses of critical materials; and (H) advanced theoretical, computational, and experimental tools necessary to support the crosscutting research and development needs of diverse critical minerals stakeholders.

Federal cost share requirement: TBD

Statutory location: 41003



Rehabilitation of High Hazard Potential Dams

Federal Agency: Department of Homeland Security

Bureau or Account: Federal Emergency Management Agency

Funding amount: \$585,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: States

Description: The Rehabilitation of High Hazard Potential Dams Grant Program makes available Federal funds to eligible States for pass through to non-Federal governmental organizations or nonprofit organizations for the rehabilitation of dams that fail to meet minimum dam safety standards and pose unacceptable risk to life and property.

Eligible uses: Eligible activities include repair, removal, or any other structural or nonstructural measures to rehabilitate an eligible high hazard potential dam. The Federal Emergency Management Agency's Rehabilitation of High Hazard Potential Dams grant program provides technical, planning, design, and construction assistance for eligible rehabilitation activities that reduce dam risk and increase community preparedness.

Federal cost share requirement:

Statutory location: Division J, Title V



Maintaining and Enhancing Hydroelectricity Incentives

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$553,600,000

Period of availability: Available until expended

Funding mechanism: Incentive Payments

New program: Yes

Recipients: Non-Federal owners of qualified hydroelectric facilities

Description: To make incentive payments to the owners or operators of qualified hydroelectric facilities for capital improvements.

Eligible uses: Payments to Federal Energy Regulatory Commission (FERC)-licensed hydropower facilities for: (1) Improving grid resiliency; (2) improving dam safety to ensure acceptable performance under all loading conditions (including static, hydrologic, and seismic conditions); and (3) environmental improvements.

Federal cost share requirement: Not applicable

Statutory location: 40333

Note: This program was called 'Hydroelectric Incentives' in previous versions of this Guidebook.



Energy Efficiency and Conservation Block Grant Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$550,000,000

Period of availability: Available until expended

Funding mechanism: Block and Competitive Grants

New program: Yes

Recipients: States, Local governments, and Tribes

Description: To assist States, local governments, and Tribes in implementing strategies to reduce energy use, reduce fossil fuel emissions, and improve energy efficiency.

Eligible uses: (1) Development and implementation of an energy efficiency and conservation strategy; (2) retaining technical consultant services to assist the eligible entity in the development of such a strategy, including: (A) formulation of energy efficiency, energy conservation, and energy usage goals; (B) identification of strategies to achieve those goals — (i) through efforts to increase energy efficiency and reduce energy consumption; and (ii) by encouraging behavioral changes among the population served by the eligible entity; (C) development of methods to measure progress in achieving the goals; (D) development and publication of annual reports to the population served by the eligible entity describing — (i) the strategies and goals; and (ii) the progress made in achieving the strategies and goals during the preceding calendar year; and (E) other services to assist in the implementation of the energy efficiency and conservation strategy; (3) conducting residential and commercial building energy audits; (4) establishment of financial incentive programs for energy efficiency improvements; (5) the provision of grants to nonprofit organizations and governmental agencies for the purpose of performing energy efficiency retrofits; (6) development and implementation of energy efficiency and conservation programs for buildings and facilities within the jurisdiction of the eligible entity, including—(A) design and operation of the programs; (B) identifying the most effective methods for achieving maximum participation and efficiency rates; (C) public education; (D) measurement and verification protocols; and (E) identification of energy efficient technologies; (7) development and implementation of programs to conserve energy used in transportation, including: (A) use of flex time by employers; (B) satellite work centers; (C) development and promotion of zoning guidelines or requirements that promote energy efficient development; (D) development of infrastructure, such as bike lanes and pathways and pedestrian walkways; (E) synchronization of traffic signals; and (F) other measures that increase energy efficiency and decrease energy consumption;



- (8) development and implementation of building codes and inspection services to promote building energy efficiency;
- (9) application and implementation of energy distribution technologies that significantly increase energy efficiency, including—(A) distributed resources; and (B) district heating and cooling systems;
- (10) activities to increase participation and efficiency rates for material conservation programs, including source reduction, recycling, and recycled content procurement programs that lead to increases in energy efficiency;
- (11) the purchase and implementation of technologies to reduce, capture, and, to the maximum extent practicable, use methane and other greenhouse gases generated by landfills or similar sources;
- (12) replacement of traffic signals and street lighting with energy efficient lighting technologies, including—(A) light emitting diodes; and (B) any other technology of equal or greater energy efficiency;
- (13) development, implementation, and installation on or in any government building of the eligible entity of onsite renewable energy technology that generates electricity from renewable resources, including—(A) solar energy; (B) wind energy; (C) fuel cells; and (D) biomass;
- (14) programs for financing energy efficiency, renewable energy, and zero-emission transportation (and associated infrastructure), capital investments, projects, and programs, which may include loan programs and performance contracting programs, for leveraging of additional public and private sector funds, and programs that allow rebates, grants, or other incentives for the purchase and installation of energy efficiency, renewable energy, and zero-emission transportation (and associated infrastructure) measures; and
- (15) any other appropriate activity, as determined by the Secretary, in consultation with— (A) the Administrator of the Environmental Protection Agency; (B) the Secretary of Transportation; and (C) the Secretary of Housing and Urban Development.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 4055²



Purchase of Power and Transmission Services

Federal Agency: Department of Energy

Bureau or Account: Power Marketing Administration

Funding amount: \$500,000,000

Period of availability: Available until expended

Funding mechanism: Federal Expenditure at Discretion of Western Area Power Administration Administrator

New program: No

Recipients: Power Generation and Wheeling Providers

Description: For the Western Area Power Administration to purchase power and transmission services.

Eligible uses: To purchase power and transmission services, recover purchase power and wheeling services, and transfer to the Colorado River Basins Power Marketing Fund.

Federal cost share requirement: N/A

Statutory location: Division J, Title III



State Energy Program

Federal Agency: Department of Energy
Bureau or Account: Energy Programs

Funding amount: \$500,000,000

Period of availability: Available until expended

Funding mechanism: Formula Grant

New program: No

Recipients: States

Description: To provide funding to States to support electric transmission and distribution planning as well as planning activities and programs that help reduce carbon emissions in all sectors of the economy, including the transportation sector and accelerate the use of alternative transportation fuels and vehicle electrification.

Eligible uses: Energy conservation measures, renewable energy measures, and programs to increase deployment of clean energy technologies in buildings, industry and transportation, including programs to help reduce carbon emissions in the transportation sector and accelerate the use of alternative transportation fuels for, and the electrification of, State government vehicles, fleet vehicles, taxis and ridesharing services, mass transit, school buses, ferries, and privately owned passenger and medium- and heavy-duty vehicles .

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40109



Clean Hydrogen Manufacturing Recycling Research, Development, and Demonstration Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$500,000,000

Period of availability: Available until expended

Funding mechanism: Grants, contracts, cooperative agreements, or any other agreements authorized under this Act or other Federal law

New program: Yes

Recipients: Nonprofit and for-profit private entities, institutions of higher education, national laboratories, consortia, State and local governments, Tribes and Tribal organizations, and other entities deemed eligible by the secretary

Description: To provide Federal financial assistance to advance new clean hydrogen production, processing, delivery, storage, and use equipment manufacturing technologies and techniques.

Eligible uses: (A) Increasing the efficiency and cost-effectiveness of the recovery of raw materials from clean hydrogen technology components and systems; (B) minimizing environmental impacts from the recovery and disposal processes; (C) addressing any barriers to the research, development, demonstration, and commercialization of technologies and processes for the disassembly and recycling; (D) developing alternative materials, designs, manufacturing processes, and other aspects of clean hydrogen technologies; (E) developing alternative disassembly and resource recovery processes that enable efficient, cost-effective, and environmentally responsible disassembly of and resource recovery from clean hydrogen technologies; and (F) developing strategies to increase consumer acceptance of and participation in the recycling of fuel cells.

Federal cost share requirement: TBD

Statutory location: 40314

Note: This program was called 'Clean Hydrogen Manufacturing Recycling' in previous versions of this Guidebook.



Industrial Emission Demonstration Projects

Federal Agency: Department of Energy
Bureau or Account: Energy Programs

Funding amount: \$500,000,000

Period of availability: Available until expended

Funding mechanism: Grant, Cooperative Agreement, or Other

New program: Yes

Recipients: Technology Developers, Industry, Manufacturers, Universities, National Laboratories, Engineering and Construction firms, State and Local Governments, Environmental Groups, and Community Based Organizations.

Description: To fund demonstration projects that test and validate technologies that reduce industrial emissions.

Eligible uses: Industrial production processes, including technologies and processes that (A) achieve emissions reduction in high emissions industrial materials production processes, including production processes for iron, steel, steel mill products, aluminum, cement, concrete, glass, pulp, paper, and industrial ceramics; (B) achieve emissions reduction in medium- and high-temperature heat generation; (C) achieve emissions reduction in chemical production processes, including by incorporating, if appropriate and practicable, principles, practices, and methodologies of sustainable chemistry and engineering; (D) leverage smart manufacturing technologies and principles, digital manufacturing technologies, and advanced data analytics to develop advanced technologies and practices in information, automation, monitoring, computation, sensing, modeling, and networking; (E) leverage the principles of sustainable manufacturing to minimize the potential negative environmental impacts of manufacturing while conserving energy and resources; (F) increase the energy efficiency of industrial processes

Federal cost share requirement: TBD

Statutory location: 41008



Grants for Energy Efficiency and Renewable Energy Improvements at Public School Facilities

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$500,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: Consortia of one local education agency and one or more schools, non-profits, for-profits, and community partners

Description: To provide competitive grants to make energy efficiency, renewable energy, and alternative fueled vehicle upgrades and improvements at public schools.

Eligible uses: Energy efficiency (envelope, HVAC, lighting, controls, hot water, etc.), ventilation, renewable energy, alternative fuel vehicles, and alternative fuel vehicle infrastructure improvements.

Federal cost share requirement: TBD

Statutory location: 40541



Industrial Research and Assessment Center Implementation Grants

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$400,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: Small- and medium-sized manufacturers

Description: To fund upgrades for small- and medium-sized manufacturers that have been recommended in an assessment from an Industrial Assessment Center, Combined Heat and Power Technical Assistance Partnership, or an approved third-party performing an equivalent assessment.

Eligible uses: For eligible small- and medium-sized manufacturers to (i) improve energy efficiency; material efficiency; cybersecurity; or productivity; or reduce waste production; greenhouse gas emissions; or non-greenhouse gas pollution.

Federal cost share requirement: 50 percent

Statutory location: 40521



Energy Storage Demonstration and Pilot Grant Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$355,000,000

Period of availability: Available until expended

Funding mechanism: Grant, Cooperative Agreement, or Other

New program: Yes

Recipients: Technology Developers, Industry, State and Local Governments, Tribal Organizations, Community Based Organizations, National Laboratories, Universities, and Utilities.

Description: To enter into agreements to carry out 3 energy storage system demonstration projects.

Eligible uses: (i) To improve the security of critical infrastructure and emergency response systems. (ii) To improve the reliability of transmission and distribution systems, particularly in rural areas, including high-energy cost rural areas. (iii) To optimize transmission or distribution system operation and power quality to defer or avoid costs of replacing or upgrading electric grid infrastructure, including transformers and substations. (iv) To supply energy at peak periods of demand on the electric grid or during periods of significant variation of electric grid supply. (v) To reduce peak loads of homes and businesses. (vi) To improve and advance power conversion systems. (vii) To provide ancillary services for grid stability and management. (viii) To integrate renewable energy resource production. (ix) To increase the feasibility of microgrids (grid-connected or islanded mode). (x) To enable the use of stored energy in forms other than electricity to support the natural gas system and other industrial processes. (xi) To integrate fast charging of electric vehicles. (xii) To improve energy efficiency.

Federal cost share requirement: TBD

Statutory location: 41001

Note: This program was called 'Energy Storage Demonstration Pilot Grant Program' in previous versions of this Guidebook.



Earth Mapping Resources Initiative

Federal Agency: Department of the Interior

Bureau or Account: United States Geological Survey

Funding amount: \$320,000,000

Period of availability: Each fiscal year appropriated is available for obligation for 3 years. Funding will be received over a period of four years, with \$8.668 million in fiscal year 2022 and \$5 million in fiscal year 2023 through fiscal year 2025.

Funding mechanism: Cooperative Agreement, Direct Federal Spending

New program: No

Recipients: State Geological Surveys, Private Entities

Description: To accelerate the U.S. Geological Survey mapping mission by providing integrated topographic, geologic, geochemical, and geophysical mapping; accelerating the integration and consolidation of geospatial and resource data; and providing an interpretation of both critical mineral resources still in the ground and critical mineral resources that may be reprocessed from mine wastes.

Eligible uses: Cooperative agreements or contracts for mapping and data.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40201



Carbon Utilization Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$310,140,781

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: State and local governments, Public Utilities

Description: To establish a grant program for State and local governments to procure and use products derived from captured carbon oxides.

Eligible uses: An eligible entity shall use a grant received under this paragraph to procure and use commercial or industrial products that: (i) use or are derived from anthropogenic carbon oxides; and (ii) demonstrate significant net reductions in lifecycle greenhouse gas emissions compared to incumbent technologies, processes, and products.

Federal cost share requirement: TBD

Statutory location: 40302



Assisting Federal Facilities with Energy Conservation Technologies Grant Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$250,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: Federal Agencies

Description: To provide grants to Federal agencies that they can leverage with private capital to make energy and water efficiency upgrades to Federal buildings.

Eligible uses: To aid Federal agencies in meeting energy and water use requirements to improve sustainability.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40554

Note: This program was called 'Assisting Federal Facilities with Conservation Technologies' in previous versions of this Guidebook.



Energy Efficiency Revolving Loan Fund Capitalization Grant Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$250,000,000

Period of availability: Available until expended

Funding mechanism: Formula Grant

New program: Yes

Recipients: States

Description: To provide capitalization grants to States to establish a revolving loan fund under which the State shall provide loans and grants for energy efficiency audits, upgrades, and retrofits to increase energy efficiency and improve the comfort of buildings.

Eligible uses: Residential and commercial energy audits, upgrades, and retrofits.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40502



Cost-effective Codes Implementation for Efficiency and Resilience

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$225,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: States and State partnerships

Description: A competitive grant program to enable sustained, cost-effective implementation of updated building energy codes to save customers money on their energy bills.

Eligible uses: (A) To create or enable State or regional partnerships to provide training and materials to—(i) builders, contractors and subcontractors, architects, and other design and construction professionals, relating to meeting updated building energy codes in a cost-effective manner; and (ii) building code officials, relating to improving implementation of and compliance with building energy codes; (B) to collect and disseminate quantitative data on construction and codes implementation, including code pathways, performance metrics, and technologies used; (C) to develop and implement a plan for highly effective codes implementation, including measuring compliance; (D) to address various implementation needs in rural, suburban, and urban areas; and (E) to implement updates in energy codes for — (i) new residential and commercial buildings (including multifamily buildings); and (ii) additions and alterations to existing residential and commercial buildings (including multifamily buildings).

Federal cost share requirement:

Statutory location: 40511

Note: This program was called 'Building Codes Implementation for Efficiency and Resilience' in previous versions of this Guidebook.



National Dam Safety Program

Federal Agency: Department of Homeland Security

Bureau or Account: Federal Emergency Management Agency

Funding amount: \$215,000,000 (*\$148,000,000 for States, plus \$67,000,000 for program operations.*)

Period of availability: \$148,000,000 available until expended; \$67,000,000 available until September 30, 2026

Funding mechanism: Grant, Direct Federal Spending.

New program: No

Recipients: States

Description: To encourage the establishment and maintenance of effective State programs intended to ensure dam safety, to protect human life and property, and to improve State dam safety programs. The National Dam Safety Program is a partnership of States, Federal agencies and other stakeholders to encourage and promote the establishment and maintenance of effective Federal and State dam safety programs to reduce the risk to human life and property.

Eligible uses: Eligible activities are those that 1) Reduce risks to life and property associated with dams; 2) Increase awareness of the risks associated with dams and the benefit of State dam safety programs; and 3) Advance the State of practice of dam safety and dam risk management. Examples include conducting dam safety inspections, performing condition assessments of dams, development of Emergency Action Plans, implementing regulatory enforcement actions, conducting public awareness and outreach activities, and professional development for dam safety officials and dam owners.

Federal cost share requirement:

Statutory location: Division J, Title V



Energy and Minerals Research Facility

Federal Agency: Department of the Interior

Bureau or Account: United States Geological Survey

Funding amount: \$167,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreement, Direct Federal Spending

New program: No

Recipients: State Academic Institutions

Description: For design, construction and tenant build out of a facility to support energy and minerals research and associated structures, through a cooperative agreement with an academic partner. The new building will establish a center of excellence in minerals and energy science and provide opportunities for science collaboration that will leverage U.S. Geological Survey science; support the development of science, technology, engineering and mathematics talent by engaging students in U.S. Geological Survey science; and expand the diversity of the U.S. Geological Survey workforce.

Eligible uses: For design, construction, and tenant build out of a new Federally owned facility.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40204



Industrial Research and Assessment Centers

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$150,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: Institutions of Higher Education, Community College, Trade School, Or Union Training Program

Description: To provide funding for institutions of higher education-based industrial research and assessment centers to identify opportunities for optimizing energy efficiency and environmental performance at manufacturing and other industrial facilities.

Eligible uses: To provide in-depth assessments of small- and medium-sized manufacturing plant sites to evaluate the facilities, services, and manufacturing operations of the plant sites; to identify opportunities for optimizing energy efficiency and environmental performance, including implementation of— (i) smart manufacturing; (ii) energy management systems; (iii) sustainable manufacturing; (iv) information technology advancements for supply chain analysis, logistics, system monitoring, industrial and manufacturing processes, and other purposes; and (v) waste management systems; to promote applications of emerging concepts and technologies in small- and medium-sized manufacturers (including water and wastewater treatment facilities and Federally owned manufacturing facilities); to promote research and development for the use of alternative energy sources to supply heat, power, and new feedstocks for energy-intensive industries; to coordinate with appropriate Federal and State research offices; to provide a clearinghouse for industrial process and energy efficiency technical assistance resources; and to coordinate with State-accredited technical training centers and community colleges, while ensuring appropriate services to all regions of the United States.

Federal cost share requirement: none specified

Statutory location: 40521



Long-Duration Energy Storage Demonstration Initiative and Joint Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$150,000,000

Period of availability: Available until expended

Funding mechanism: Grant, Cooperative Agreement, or Other

New program: Yes

Recipients: Technology Developers, Industry, State and Local Governments, Tribal Organizations, Community Based Organizations, National Laboratories, Universities, and Utilities

Description: To establish a demonstration initiative composed of demonstration projects focused on the development of long-duration energy storage technologies.

Eligible uses: Projects that -- (i) demonstrate promising long-duration energy storage technologies at different scales; and (ii) help new, innovative long-duration energy storage technologies become commercially viable.

Federal cost share requirement: TBD

Statutory location: 41001



Rare Earth Elements Demonstration Facility

Federal Agency: Department of Energy
Bureau or Account: Energy Programs

Funding amount: \$140,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: Industry Partner

Description: To demonstrate the feasibility of a full-scale integrated rare earth element extraction and separation facility and refinery.

Eligible uses: The facility established shall: (A) provide environmental benefits through use of feedstock derived from acid mine drainage, mine waste, or other deleterious material; (B) separate mixed rare earth oxides into pure oxides of each rare earth element; (C) refine rare earth oxides into rare earth metals; and (D) provide for separation of rare earth oxides and refining into rare earth metals at a single site.

Federal cost share requirement:

Statutory location: 40205



Rare Earth Security Activities

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$127,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: Industry Partner

Description: To conduct a program of research and development to improve the security of rare earth elements.

Eligible uses: (A) To develop and assess advanced separation technologies for the extraction and recovery of rare earth elements and other critical materials from coal and coal byproducts; and (B) To determine if there are, and mitigate, any potential environmental or public health impacts that could arise from the recovery of rare earth elements from coal-based resources.

Federal cost share requirement: TBD

Statutory location: 41003



Battery and Critical Mineral Recycling

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$125,000,000

Period of availability: Available until expended

Funding mechanism: Grants

New program: Yes

Recipients: (i) An institution of higher education; (ii) a National Laboratory; (iii) a Federal research agency; (iv) a State research agency; (v) a nonprofit organization; (vi) an industrial entity; (vii) a manufacturing entity; (viii) a private battery-collection entity; (ix) an entity operating one or more battery recycling activities; (x) a State or municipal government entity; (xi) a battery producer; (xii) a battery retailer; or (xiii) a consortium of two or more entities described in (i) through (xii).

Description: To award grants for research, development, and demonstration projects to create innovative and practical approaches to increase the reuse and recycling of batteries.

Eligible uses: Research, development, and demonstration to address (i) recycling activities; (ii) the development of methods to promote the design and production of batteries that take into full account and facilitate the dismantling, reuse, recovery, and recycling of battery components and materials; (iii) strategies to increase consumer acceptance of, and participation in, the recycling of batteries; (iv) the extraction or recovery of critical minerals from batteries that are recycled; (v) the integration of increased quantities of recycled critical minerals in batteries and other products to develop markets for recycled battery materials and critical minerals; (vi) safe disposal of waste materials and components recovered during the recycling process; (vii) the protection of the health and safety of all persons involved in, or in proximity to, recycling and reprocessing activities, including communities located near recycling and materials reprocessing facilities; (viii) mitigation of environmental impacts that arise from recycling batteries, including disposal of toxic reagents and byproducts related to recycling processes; (ix) protection of data privacy associated with collected covered battery-containing products; (x) the optimization of the value of material derived from recycling batteries; and (xi) the cost-effectiveness and benefits of the reuse and recycling of batteries and critical minerals.

Federal cost share requirement: ≥20 percent of the total project cost

Statutory location: 40207



Hydroelectric Production Incentives

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$125,000,000

Period of availability: Available until expended

Funding mechanism: Incentive Payment

New program: No

Recipients: Non-Federal owners of qualified hydroelectric or marine energy facilities

Description: Provides incentive payments for electric energy generated and sold by a qualified hydroelectric facility during the incentive period, to the owner or authorized operator of such a facility. Incentive payments for qualified facilities are based on the number of kilowatt-hours (kWh) generated in calendar year which Department of Energy determines, at a rate of 1.8 cents/kWh with a total ceiling of \$1 million per facility

Eligible uses: Incentive payments are provided based on determination of a qualified facility. A qualified hydroelectric facility is a hydroelectric generation facility that:

- is located in a State or in U.S. jurisdictional waters;
- has a water-powered turbine or other generating device (including conventional or new and innovative technologies capable of continuous operation);
- is owned or solely operated by a non-Federal entity;
- began producing hydroelectric energy for sale on or after October 1, 2005; and that either:
- added generation capability, excluding maintenance, through the incorporation of new equipment, refurbished equipment, or both to an existing dam or conduit that was completed before November 15, 2021;
- or,
- has a generating capacity of not more than 20 megawatts;
- for which the non-Federal entity has received a construction authorization from the Federal Energy Regulatory Commission, if applicable; and
- that is constructed in an area in which there is inadequate electric service.

Federal cost share requirement: Not applicable

Statutory location: 40331



Watershed Rehabilitation Program

Federal Agency: Department of Agriculture

Bureau or Account: Natural Resources Conservation Service

Funding amount: \$118,000,000

Period of availability: Available until expended

Funding mechanism: Technical and Financial Assistance

New program: No

Recipients: Local Sponsor or Legal Subdivision of State or Tribal Government. Eligible Sponsors include cities, counties, towns, conservation districts, or any Federally-recognized Tribe or Tribal Organization.

Description: Provides planning, design and construction for Department of Agriculture assisted dams to extend their service life and meet current safety requirements.

Eligible uses: Rehabilitate high hazard watershed dams previously installed under the following four authorities: PL 83-566, PL 78-534, RC&D, Pilot Program.

Federal cost share requirement: 65/35. Waivers are not available.

Statutory location: Division J, Title I



Front-End Engineering and Design Program Out Activities Under Carbon Capture Tech Program 962 Of EPA (Sec 40303)

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$100,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreement

New program: Yes

Recipients: Industry Partner

Description: Expands the Department of Energy's Carbon Capture Technology program to include a program for carbon dioxide transport infrastructure necessary to deploy Carbon Capture Utilization and Storage technologies.

Eligible uses: Front-end engineering and design program for carbon dioxide transport infrastructure necessary to enable deployment of carbon capture, utilization, and storage technologies.

Federal cost share requirement: TBD

Statutory location: 40303



Commercial Direct Air Capture Technology Prize Competition

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$100,000,000

Period of availability: Available until expended

Funding mechanism: Prize

New program: Yes

Recipients: Industry Partner

Description: Reauthorization of program to support large-scale pilot projects and demonstration projects and test carbon capture technologies.

Eligible uses: Projects that advance the technical and commercial viability of technologies that result in net removal of CO₂ from the atmosphere.

Federal cost share requirement: TBD

Statutory location: 41005



Enhanced Geothermal Systems and Pilot Demonstrations

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$84,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreement

New program: Yes

Recipients: Industry, National Labs, institutes of higher education, multi-institutional collaborations, Tribes, and local communities

Description: To support a program of research, development, demonstration, and commercial application for enhanced geothermal systems.

Eligible uses: Four pilot demonstration projects to be carried out in locations that are potentially commercially viable for enhanced geothermal systems development, while also considering environmental impacts to the maximum extent practicable, as determined by the Secretary.

Demonstration projects will collectively demonstrate different geologic settings, a variety of development techniques, and to the extent practicable will use existing sites where subsurface characterization or geothermal energy integration analysis has been conducted.

Federal cost share requirement: TBD

Statutory location: 41007

Note: This program was called 'Geothermal Research & Development' in previous versions of this Guidebook.



Section 243 Hydroelectric Efficiency Improvement Incentives (Sec 40332)

Federal Agency: Department of Energy
Bureau or Account: Energy Programs

Funding amount: \$75,000,000

Period of availability: Available until expended

Funding mechanism: Incentive payment

New program: Yes

Recipients: Owners or operators of hydroelectric facilities at existing dams

Description: To incentivize upgrades to hydroelectric facilities to increase their efficiency.

Eligible uses: Capital improvements to hydroelectric facilities at existing dams to improve the efficiency of such facilities by at least 3 percent. Maximum percentage of Federal funds going to the capital improvement is 30 percent with a total cap of \$5 million per facility.

Federal cost share requirement: Not applicable

Statutory location: 40332



Critical Material Supply Chain Research Facility

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$75,000,000

Period of availability: Available until expended

Funding mechanism: Contract

New program: Yes

Recipients: Industry partner

Description: To support construction of a Critical Materials Supply Chain Research Facility.

Eligible uses: (A) Further enable research, development, demonstration, and commercialization activities throughout the supply chain for critical materials; and (B) Provide an integrated, rapidly reconfigurable research platform.

Federal cost share requirement: TBD

Statutory location: 41003



Marine Energy Research, Development, and Demonstration

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$70,400,000

Period of availability: Available until expended

Funding mechanism: TBD

New program: No

Recipients: Industry, National Labs, academia, other

Description: To fund research, development, and demonstration activities to improve marine energy technologies.

Eligible uses: (1) Assist technology development to improve the components, processes, and systems used for power generation from marine energy resources at a variety of scales; (2) establish and expand critical testing infrastructure and facilities necessary to: (A) demonstrate and prove marine energy devices at a range of scales in a manner that is cost-effective and efficient; and (B) accelerate the technological readiness and commercial application of such devices; (3) address marine energy resource variability issues, including through the application of energy storage technologies; (4) advance efficient and reliable integration of marine energy with the electric grid, which may include smart building systems; (5) identify and study critical short-term and long-term needs to maintaining a sustainable marine energy supply chain based in the United States; (6) increase the reliability, security, and resilience of marine energy technologies; (7) validate the performance, reliability, maintainability, and cost of marine energy device designs and system components in an operating environment; (8) consider the protection of critical infrastructure, such as adequate separation between marine energy devices and submarine telecommunications cables, including through the development of voluntary, consensus-based standards for such purposes; (9) identify opportunities for crosscutting research, development, and demonstration programs between existing energy research programs; (10) identify and improve, in conjunction with the Secretary of Commerce, acting through the Under Secretary of Commerce for Oceans and Atmosphere, and other relevant Federal agencies as appropriate, the environmental impact, including potential cumulative environmental impacts, of marine energy technologies, including: (A) potential impacts on fisheries and other marine resources and (B) developing technologies, including mechanisms for self-evaluation, and other means available for improving environmental impact, including potential cumulative environmental impacts;



- (11) identify, in consultation with relevant Federal agencies, potential navigational impacts of marine energy technologies and strategies to prevent possible adverse impacts, in addition to opportunities for marine energy systems to aid the United States Coast Guard, such as remote sensing for coastal border security;
- (12) develop numerical and physical tools, including models and monitoring technologies, to assist industry in device and system design, installation, operation, and maintenance, including methods to validate such tools;
- (13) support materials science as it relates to marine energy technology, such as the development of corrosive-resistant materials;
- (14) improve marine energy resource forecasting and general understanding of aquatic system behavior, including turbulence and extreme conditions;
- (15) develop metrics and voluntary, consensus-based standards, in coordination with the National Institute of Standards and Technology and appropriate standard development organizations, for marine energy components, systems, and projects, including: (A) measuring performance of marine energy technologies and (B) characterizing environmental conditions;
- (16) enhance integration with hybrid energy systems, including desalination;
- (17) identify opportunities to integrate marine energy technologies into new and existing infrastructure; and
- (18) to develop technology necessary to support the use of marine energy—(A) for the generation and storage of power at sea; and (B) for the generation and storage of power to promote the resilience of coastal communities, including in applications relating to—(i) desalination; (ii) disaster recovery and resilience; and (iii) community microgrids in isolated power systems.

Federal cost share requirement: TBD

Statutory location: 41006



Wind Energy Technology Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$60,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreement

New program: No

Recipients: (A) An institution of higher education; (B) A National Laboratory; (C) A Federal research agency; (D) A State research agency; (E) A research agency associated with a territory or freely associated State; (F) a Tribal energy development organization; (G) a Tribe; (H) a Tribal organization; (I) a Native Hawaiian community-based organization; (J) a nonprofit research organization; (K) an industrial entity; (L) any other entity, as determined by the Secretary; and (M) a consortium of 2 or more entities described in subparagraphs (A) through (L).

Description: To fund research, development, demonstration, and commercialization activities to improve wind energy technologies.

Eligible uses: Research, development, demonstration, and commercialization activities to improve wind energy technologies, including: (i) awarding grants and awards, on a competitive, merit-reviewed basis; (ii) performing precompetitive research and development; (iii) establishing or maintaining demonstration facilities and projects, including through stewardship of existing facilities such as the National Wind Test Center; (iv) providing technical assistance; (v) entering into contracts and cooperative agreements; (vi) providing small business vouchers; (vii) establishing prize competitions; (viii) conducting education and outreach activities; (ix) conducting professional development activities; and (x) conducting analyses, studies, and reports.

Federal cost share requirement: TBD

Statutory location: 41007



Energy Efficiency Materials Pilot Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$50,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: Non-Profit Organizations

Description: To provide grants to supply nonprofit buildings with energy-efficiency materials.

Eligible uses: To provide non-profits with energy efficiency materials including (i) a roof or lighting system or component of the system; (ii) a window; (iii) a door, including a security door; and (iv) a heating, ventilation, or air conditioning system or component of the system (including insulation and wiring and plumbing improvements needed to serve a more efficient system).

Federal cost share requirement: TBD

Statutory location: 40542



Energy Auditor Training Grant Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$40,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: States

Description: To provide grants to eligible States to train individuals to conduct energy audits or surveys of commercial and residential buildings to build the clean energy workforce, save customers money on their energy bills, and reduce pollution from building energy use.

Eligible uses: (A) To cover any cost associated with individuals being trained or certified to conduct energy audits by: (i) the State or (ii) a State-certified third-party training program; and (B) to pay the wages of a trainee during the period in which the trainee receives training and certification.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40503



Solar Energy Research and Development

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$40,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreement

New program: No

Recipients: (A) An institution of higher education; (B) A National Laboratory; (C) A Federal research agency; (D) A State research agency; (E) A research agency associated with a territory or freely associated State; (F) a Tribal energy development organization; (G) a Tribe; (H) a Tribal organization; (I) a Native Hawaiian community-based organization; (J) a nonprofit research organization; (K) an industrial entity; (L) any other entity, as determined by the Secretary; and (M) a consortium of 2 or more entities described in subparagraphs (A) through (L).

Description: To fund research, development, demonstration, and commercialization activities to improve solar energy technologies.

Eligible uses: Research, development, demonstration, and commercialization activities, including: (i) awarding grants and awards, on a competitive, merit-reviewed basis; (ii) performing precompetitive research and development; (iii) establishing or maintaining demonstration facilities and projects, including through stewardship of existing facilities; (iv) providing technical assistance; (v) entering into contracts and cooperative agreements; (vi) providing small business vouchers; (vii) establishing prize competitions; (viii) conducting education and outreach activities; (ix) conducting workforce development activities; and (x) conducting analyses, studies, and reports.

Federal cost share requirement: TBD

Statutory location: 41007

Note: This program was called 'Solar Improvement Research & Development' in previous versions of this Guidebook.



Wind Energy Tech Recycling Research & Development

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$40,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreement

New program: Yes

Recipients: (A) An institution of higher education; (B) a National Laboratory; (C) a Federal research agency; (D) a State research agency; (E) a research agency associated with a territory or freely associated State; (F) a Tribal energy development organization; (G) a Tribe; (H) a Tribal organization; (I) a Native Hawaiian community-based organization; (J) a nonprofit research organization; (K) an industrial entity; (L) any other entity, as determined by the Secretary; and (M) a consortium of two or more entities described in subparagraphs (A) through (L).

Description: To award financial assistance to eligible entities for research, development, and demonstration, and commercialization projects to create innovative and practical approaches to increase the reuse and recycling of wind energy technologies

Eligible uses: (i) Increasing the efficiency and cost effectiveness of the recovery of raw materials from wind energy technology components and systems, including enabling technologies such as inverters;
(ii) minimizing potential environmental impacts from the recovery and disposal processes;
(iii) advancing technologies and processes for the disassembly and recycling of wind energy devices;
(iv) developing alternative materials, designs, manufacturing processes, and other aspects of wind energy technologies and the disassembly and resource recovery process that enable efficient, cost effective, and environmentally responsible disassembly of, and resource recovery from, wind energy technologies; and
(v) strategies to increase consumer acceptance of, and participation in, the recycling of wind energy technologies.

Federal cost share requirement: TBD

Statutory location: 41007



National Marine Energy Centers

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$40,000,000

Period of availability: Available until expended

Funding mechanism: TBD

New program: No

Recipients: Institutions of higher education or consortia

Description: To provide financial assistance for the establishment of new National Marine Energy Centers and the continuation and expansion of the research, development, demonstration, testing, and commercial application activities at the existing Centers.

Eligible uses: (1) Advance research, development, demonstration, and commercial application of marine energy technologies in response to industry and commercial needs; (2) support in-water testing and demonstration of marine energy technologies, including facilities capable of testing—(A) marine energy systems of various technology readiness levels and scales; (B) a variety of technologies in multiple test berths at a single location; (C) arrays of technology devices; and (D) interconnectivity to an electrical grid, including microgrids; and (3) collect and disseminate information on best practices in all areas relating to developing and managing marine energy resources and energy systems.

Federal cost share requirement: TBD

Statutory location: 41006



Hydropower Research, Development, and Demonstration

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$36,000,000

Period of availability: Available until expended

Funding mechanism: TBD

New program: No

Recipients: Industry, National Labs, academia, other

Description: To fund research, development, and demonstration activities to improve hydropower technologies.

Eligible uses: Research, development, demonstration, and commercial application for technologies that improve the capacity, efficiency, resilience, security, reliability, affordability, and environmental impact, including potential cumulative environmental impacts, of hydropower systems.

Federal cost share requirement: N/A

Statutory location: 41006



Solar Recycling Research & Development

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$20,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreements and Management and Operating Contracts at National Laboratories

New program: Yes

Recipients: (A) An institution of higher education; (B) a National Laboratory; (C) a Federal research agency; (D) a State research agency; (E) a research agency associated with a territory or freely associated State; (F) a Tribal energy development organization; (G) a Tribe; (H) a Tribal organization; (I) a Native Hawaiian community-based organization; (J) a nonprofit research organization; (K) an industrial entity; (L) any other entity, as determined by the Secretary; and (M) a consortium of two or more entities described in (A) through (L).

Description: To award financial assistance to eligible entities for research, development, demonstration, and commercialization projects to create innovative and practical approaches to increase the reuse and recycling of solar energy technologies.

Eligible uses: Projects aimed at increasing the reuse and recycling of solar energy technologies, including: (i) increasing the efficiency and cost effectiveness of the recovery of raw materials from solar energy technology components and systems, including enabling technologies such as inverters; (ii) minimizing potential environmental impacts from the recovery and disposal processes; (iii) advancing technologies and processes for the disassembly and recycling of solar energy devices; (iv) developing alternative materials, designs, manufacturing processes, and other aspects of solar energy technologies and the disassembly and resource recovery process that enable efficient, cost effective, and environmentally responsible disassembly of, and resource recovery from, solar energy technologies; and (v) strategies to increase consumer acceptance of, and participation in, the recycling of photovoltaic devices.

Federal cost share requirement: TBD

Statutory location: 41007



New Solar Research & Development

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$20,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreement

New program: Yes

Recipients: (A) An institution of higher education; (B) a National Laboratory; (C) a Federal research agency; (D) a State research agency; (E) a research agency associated with a territory or freely associated State; (F) a Tribal energy development organization; (G) a Tribe; (H) a Tribal organization; (I) a Native Hawaiian community-based organization; (J) a nonprofit research organization; (K) an industrial entity; (L) any other entity, as determined by the Secretary; and (M) a consortium of two or more entities described in (A) through (L).

Description: To award financial assistance to eligible entities for research, development, demonstration, and commercialization projects to advance new solar energy manufacturing technologies and techniques.

Eligible uses: Solar energy manufacturing projects that—

- (i) increase efficiency and cost effectiveness in—
 - (I) the manufacturing process; and
 - (II) the use of resources, such as energy, water, and critical materials;
- (ii) support domestic supply chains for materials and components;
- (iii) identify and incorporate nonhazardous alternative materials for components and devices;
- (iv) operate in partnership with Tribal energy development organizations, Tribes, Tribal organizations, Native Hawaiian community-based organizations, minority-serving institutions, or territories or freely associated States; or
- (v) are located in economically distressed areas."

Federal cost share requirement: TBD

Statutory location: 41007



Pre-Commercial Direct Air Capture Prize Competitions

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$15,000,000

Period of availability: Available until expended

Funding mechanism: Prize

New program: Yes

Recipients: Industry Partner

Description: Reauthorization of program to advance research, development, demonstration, and commercial application of carbon capture technologies.

Eligible uses: Projects that advance the technical and commercial viability of technologies that result in net removal of CO₂ from the atmosphere.

Federal cost share requirement: TBD

Statutory location: 41005



Pumped Storage Hydropower Wind and Solar Integration and System Reliability Initiative

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$10,000,000

Period of availability: \$2 million per year for each of fiscal years 2022 through 2026.

Funding mechanism: Cooperative Agreement

New program: Yes

Recipients: Electric utilities, State Energy Offices, Tribes, Institutes of Higher Education, or consortium thereof

Description: To provide financial assistance to eligible entities to carry out project design, transmission studies, power market assessments, and permitting for a pumped storage hydropower project to facilitate the long-duration storage of intermittent renewable electricity.

Eligible uses: To be eligible for financial assistance, a project shall—(i) be designed to provide not less than 1,000 megawatts of storage capacity;(ii) be able to provide energy and capacity for use in more than 1 organized electricity market;(iii) be able to store electricity generated by intermittent renewable electricity projects located on Tribal land; and (iv) have received a preliminary permit from the Federal Energy Regulatory Commission.

Federal cost share requirement: Matching funds equal to or greater than the amount of financial assistance provided.

Statutory location: 40334



Extended Product System Rebates

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$10,000,000

Period of availability: Available until expended

Funding mechanism: Rebate/Grant

New program: Yes

Recipients: Purchaser of the qualified extended product system or manufacturer of commercial or industrial machinery or equipment that incorporates the qualified extended product system

Description: To provide rebates for qualified extended product systems (i.e., electric motor, electronic control, and driven load).

Eligible uses: Rebate for expenditures made by qualified entities for the purchase or installation of a qualified extended product system.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40555



Energy Efficient Transformer Rebates

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$10,000,000

Period of availability: Available until expended

Funding mechanism: Rebate/Grant

New program: Yes

Recipients: Owners of industrial or manufacturing facilities, commercial buildings, or multifamily residential buildings, a utility, or an energy service company that purchase a qualified transformer to replace an energy-inefficient transformer

Description: To provide rebates to industrial or manufacturing facility owners, commercial building owners, multifamily building owners, utilities, or energy service companies for the replacement of a qualified energy inefficient transformer with a qualified energy efficient transformer.

Eligible uses: Rebate for the replacement of a qualified energy inefficient transformer with a qualified energy efficient transformer.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40555



Lithium-Ion Recycling Prize

Federal Agency: Department of Energy
Bureau or Account: Energy Programs

Funding amount: \$10,000,000

Period of availability: Available until expended

Funding mechanism: Prize

New program: Yes

Recipients: Prize dependent

Description: To provide a prize for recycling of lithium ion batteries and convene a task force on battery producer requirements.

Eligible uses: (i) To increase the number of winners of Phase III of the prize competition; (ii) to increase the amount awarded to each winner of Phase III of the competition; and (iii) to carry out any other activity that is consistent with the goals of Phase III of the competition, as determined by the Secretary.

Federal cost share requirement: Not applicable

Statutory location: 40207



Career Skills Training

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$10,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: Non-Profit Partnerships

Description: To provide grants to pay the Federal share of career skills training programs under which students concurrently receive classroom instruction and on-the-job training for the purpose of obtaining an industry-related certification to install energy efficient building technologies.

Eligible uses: To pay the Federal share of associated career skills training programs under which students concurrently receive classroom instruction and on-the-job training for the purpose of obtaining an industry-related certification to install energy efficient buildings technologies.

Federal cost share requirement: TBD

Statutory location: 40513



Building, Training, And Assessment Centers

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$10,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreement

New program: Yes

Recipients: Institutions of Higher Education

Description: To provide grants to institutions of higher education to establish building training and assessment centers to educate and train building technicians and engineers on implementing modern building technologies.

Eligible uses: (1) To identify opportunities for optimizing energy efficiency and environmental performance in buildings; (2) to promote the application of emerging concepts and technologies in commercial and institutional buildings; (3) to train engineers, architects, building scientists, building energy permitting and enforcement officials, and building technicians in energy-efficient design and operation; (4) to assist institutions of higher education and Tribal Colleges or Universities in training building technicians; (5) to promote research and development for the use of alternative energy sources and distributed generation to supply heat and power for buildings, particularly energy-intensive buildings; and (6) to coordinate with and assist State-accredited technical training centers, community colleges, Tribal Colleges or Universities, and local offices of the National Institute of Food and Agriculture and ensure appropriate services are provided under this section to each region of the United States.

Federal cost share requirement: TBD

Statutory location: 40512



Capital Improvement and Maintenance for Dams

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$10,000,000

Period of availability: Each annual tranche has a 4-yr period of availability

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: This program administers an extensive transportation network that is vital to the agency's mission to sustain the health, diversity, and productivity of national forest lands

Eligible uses: Dams on National Forest System lands in need of maintenance

Federal cost share requirement: Varies. Waivers are not available.

Statutory location: Division J, Title VI



Water

Challenge: The nation has underinvested in water infrastructure for too long, putting communities at risk. Lead pipes, water main breaks, PFAS contamination, and failing wastewater management systems threaten the safety and security of Americans across the country. Long-term drought and water shortages in many areas of the nation, fueled by climate change, have laid bare underinvestment in water reuse, conveyance and storage infrastructure.

Solutions: The legislation's \$55 billion investment represents the largest investment in drinking water, wastewater, water reuse, conveyance and water storage infrastructure in American history, including dedicated funding to replace lead service lines and address the dangerous chemical PFAS (per- and polyfluoroalkyl).

Funding Overview: This funding falls into seven major programs covered under this section – (1) the Drinking Water and Clean Water State Revolving Funds (\$23.43 billion), (2) Lead Service Lines (\$15 billion), (3) PFAS and Emerging Contaminants (\$10 billion), (4) Indian Water Rights (\$2.5 billion), (5) Indian Health Service Sanitation Facilities Construction (\$3.5 billion), (6) Water and Sewer Tax (\$1.25 billion), (7) Western Water including Rural Water (\$8.3 billion).

The **Drinking Water and Clean Water State Revolving Funds** provide below market rate loans and grants to fund water infrastructure improvements to protect public health and the environment. This additional funding will go towards existing Environmental Protection Agency programs— the fiscal year 2022 allocations from the Bipartisan Infrastructure Law can be found [here](#).

The **Lead Service Lines** program provides funding for lead pipe replacement. This was announced as part of a broader Lead Pipe and Paint Action Plan on December 16, 2021. The fact sheet covering the entirety of the program can be found [here](#).

The **PFAS and Emerging Contaminants** program provides funding for States and water utilities to be used in the treatment of any pollutant that is a perfluoroalkyl or polyfluoroalkyl substance (PFAS) or any pollutant identified by the Environmental Protection Agency Administrator as a contaminant of emerging concern.

The **Indian Water Rights** program is to satisfy Federal obligations under Indian water rights settlements enacted as of November 15, 2021.

The **Western Water** program appropriates funds to be spent on projects associated with water storage, groundwater storage, and conveyance projects, water recycling and reuse projects, water desalination projects and studies, watershed management, dam repair and replacement, repairing and replacing aging infrastructure, and WaterSMART grants.



The **Indian Health Service Sanitation Facilities Construction** program provides American Indian and Alaska Native homes and communities with essential water supply, sewage disposal, and solid waste disposal facilities. The Indian Health Care Improvement Act requires the Indian Health Service to maintain inventories of sanitation deficiencies for existing Indian homes and communities, to prioritize those deficiencies, and to annually report those deficiencies to Congress.

The **Water and Sewer Tax** excludes from taxable income any “contribution in aid of construction” or any other contribution for purposes of water storage.

Rural Water Projects invest in water infrastructure projects in rural communities.

Getting Ready:

The majority of the water funding will move through the State Revolving Fund programs. Water utilities, non-profits, drinking water providers, and other potential recipients should begin to work with local stakeholders and State program contacts to identify potential projects, with a focus on prioritizing projects serving disadvantaged communities. The Environmental Protection Agency and other agencies will provide technical assistance to help these disadvantaged communities overcome barriers to receiving loans and grants for water improvements. Potential recipients of the lead service line funding are also encouraged to accelerate the development and use of lead service-line inventories, which can help guide the design of replacement projects eligible for these funds. Additional national program guidance will be issued soon to State water primacy agencies.

Existing Resources:

- Funds from State and Local Fiscal Recovery Funds as part of the American Rescue Plan can be used to support necessary improvements in water, including for the State Revolving Funds, lead service line replacement programs, and other projects that assist systems most in need to provide clean drinking water. See more about the guidance that permitted the use of these funds [here](#).
- Funding through the CARES Act State and Local Fiscal Recovery Funds can also be used to make necessary investments to improve access to clean drinking water.
- Funding is available for water infrastructure through Environmental Protection
- Agency’s existing State Revolving Funds and grant programs under the Water Improvements for the Nation Act, including \$25 million in 2022 to improve drinking water quality in small, underserved, and disadvantaged communities; and additional funding for lead testing in school and child care drinking water grants, and reducing lead in drinking water grants.



- Department of Agriculture funds are also available through the Water and Waste Disposal Loan and Grant Program.
- Department of Housing and Urban Development Community Block Development Block Grant funds are available for a wide range of community needs, including lead reduction initiatives.



Program Name	Agency Name	Funding Amount
Drinking Water State Revolving Fund Lead Service Lines Replacement	Environmental Protection Agency	\$15,000,000,000
Drinking Water State Revolving Fund	Environmental Protection Agency	\$11,713,000,000
Clean Water State Revolving Fund	Environmental Protection Agency	\$11,713,000,000
Water Infrastructure Improvements for the Nation, Small and Underserved Communities Emerging Contaminants Grant Program	Environmental Protection Agency	\$5,000,000,000
Drinking Water State Revolving Fund Emerging Contaminants (incl. PFAS)	Environmental Protection Agency	\$4,000,000,000
Indian Health Service Sanitation Facilities Construction Program	Department of Health and Human Services	\$3,500,000,000
Aging Infrastructure Account	Department of the Interior	\$3,200,000,000
Indian Water Rights Settlements	Department of the Interior	\$2,500,000,000
Water & Groundwater Storage, And Conveyance	Department of the Interior	\$1,150,000,000
Water Recycling	Department of the Interior	\$1,000,000,000
Rural Water Projects	Department of the Interior	\$1,000,000,000
Clean Water State Revolving Fund-Emerging Contaminants	Environmental Protection Agency	\$1,000,000,000
Geographic Programs - Great Lakes Restoration Initiative	Environmental Protection Agency	\$1,000,000,000
Dam Safety Program	Department of the Interior	\$500,000,000
WaterSMART Grants	Department of the Interior	\$400,000,000
Water Desalination Projects	Department of the Interior	\$250,000,000
Geographic Programs - Chesapeake Bay Program	Environmental Protection Agency	\$238,000,000
Safety of Dams, Water Sanitation, And Other Facilities	Department of the Interior	\$200,000,000
National Estuary Program Grants	Environmental Protection Agency	\$132,000,000
Geographic Programs - Long Island Sound	Environmental Protection Agency	\$106,000,000
Watershed Management Projects	Department of the Interior	\$100,000,000
Geographic Programs - Puget Sound	Environmental Protection Agency	\$89,000,000
Geographic Programs - Columbia River Basin Restoration Program	Environmental Protection Agency	\$79,000,000
Geographic Programs - Lake Pontchartrain Restoration Program	Environmental Protection Agency	\$53,000,000
Geographic Programs - Gulf of Mexico	Environmental Protection Agency	\$53,000,000
Central Utah Project	Department of the Interior	\$50,000,000
Tribal Irrigation and Power Systems	Department of the Interior	\$50,000,000
Underground Injection Control Grants: Class VI wells	Environmental Protection Agency	\$50,000,000
Geographic Programs - Lake Champlain	Environmental Protection Agency	\$40,000,000
Water Resources Development Act Data Acquisition	Department of Commerce	\$25,000,000
Geographic Programs - San Francisco Bay Water Quality Improvement Fund	Environmental Protection Agency	\$24,000,000
Geographic Programs - South Florida Geographic Initiatives Program	Environmental Protection Agency	\$16,000,000



Geographic Programs - Southeast New England Coastal Watershed Restoration Program	Environmental Protection Agency	\$15,000,000
Geographic Programs - Northwest Forest	Environmental Protection Agency	\$4,000,000
Soil Moisture and Snowpack Pilot Program	Department of Commerce	\$1,000,000
TOTAL - WATER		\$64,251,000,000



Drinking Water State Revolving Fund Lead Service Lines Replacement

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$15,000,000,000

Period of availability: Available until expended

Funding mechanism: Loans and Grants

New program: No

Recipients: States initially receive funding, then provide funds to Water Utilities and/or Municipal and Other Eligible Entities. Tribes and Territories are also eligible to receive a portion of State Revolving Fund funds.

Description: Drinking Water State Revolving Fund funding as described in the Drinking Water State Revolving Fund program, below, with eligible projects limited to lead service line replacement and associated activities related to identification, planning, design and removal. Under the Bipartisan Infrastructure Law, 49 percent of funds shall be eligible to be grants or 100 percent principal forgiveness loans.

Eligible uses: States receive a capitalization grant with no State match required. The States provide low interest loans, principal forgiveness, and/or grants to replace lead service lines. Further information will be forthcoming.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Drinking Water State Revolving Fund

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$11,713,000,000

Period of availability: Available until expended

Funding mechanism: Loans and Grants

New program: No

Recipients: States initially receive funding, then provide funds to Water Utilities and/or Municipal and Other Eligible Entities. Tribes and Territories are also eligible to receive a portion of State Revolving Fund funds.

Description: The Drinking Water State Revolving Fund is a financial assistance program to help water systems and States to achieve the health protection objectives of the Safe Drinking Water Act. States are required to give priority for the use of Drinking Water State Revolving Fund project funds to: Address the most serious risks to human health, ensure compliance with the requirements of the Safe Drinking Water Act, and assist systems most in need on a per household basis according to State affordability criteria. Not all drinking water compliance problems, however, can be solved through capital financing of infrastructure improvements. Under the Bipartisan Infrastructure Law, 49 percent of funds shall be eligible to be grants or 100 percent principal forgiveness loans.

Eligible uses: Capitalization grants are available to each State, and Tribes and territories for the purpose of establishing a Drinking Water State Revolving Fund. This revolving fund provides loans and grants to water systems for eligible infrastructure projects including: construction of expansion of drinking water treatment plants and/or distribution systems; improving drinking water treatment; fixing leaky or old pipes (water distribution); improving sources of water supply; replacing or constructing finished water storage tanks; other infrastructure projects needed to protect public health.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 50102



Clean Water State Revolving Fund

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$11,713,000,000

Period of availability: Available until expended

Funding mechanism: Loans and Grants

New program: No

Recipients: States initially receive funding, then provide funds to Water Utilities and/or Municipal and Other Eligible Entities. Tribes and Territories are also eligible to receive a portion of State Revolving Fund funds.

Description: The Clean Water State Revolving Fund program is a Federal-State partnership that provides communities low-cost financing for a wide range of water quality infrastructure projects. Under the Bipartisan Infrastructure Law, 49 percent of Clean Water State Revolving Fund funds shall be eligible to be grants or 100 percent principal forgiveness loans. The Clean Water State Revolving Fund program provides capitalization grants to States, which will provide a long-term source of State financing for construction of wastewater treatment facilities and implementation of other water quality management activities.

Eligible uses: Capitalization grants are available to each State and to Tribes and territories for the purpose of establishing a Clean Water State Revolving Fund. State Revolving Fund programs provide financial assistance to local communities and publicly owned treatment systems for construction of wastewater and stormwater treatment facilities and collection systems; nonpoint source pollution management; construction, repair, or replacement of decentralized wastewater treatment systems; construction of nature-based infrastructure solutions; and other uses associated with the management of wastewater and stormwater.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 50210



Water Infrastructure Improvements for the Nation, Small and Underserved Communities Emerging Contaminants Grant Program

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$5,000,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: States initially receive funding, then provide funds through grants to water utilities and other eligible entities in small and/or underserved/disadvantaged communities. Tribes and territories are also eligible to receive funds under this program.

Description: This grant program provides grants to public water systems in small and underserved/disadvantaged communities that are unable to finance activities needed to comply with drinking water regulations. Bipartisan Infrastructure Law prioritizes the funding to focus on small and disadvantaged communities in addressing emerging contaminants, including PFAS.

Eligible uses: Projects eligible for assistance include efforts that benefit small and disadvantaged communities in testing and remediating emerging contaminants, including PFAS, including water filtration. "Disadvantaged Community" is one determined by the State to be disadvantaged under the affordability criteria established by the State under its authorities in the Safe Drinking Water Act, or may become a disadvantaged community as a result of carrying out a project or activity. "Small Community" is one that has a population 10,000 of fewer individuals and lacks the capacity to incur debt sufficient to finance a project to comply with the Safe Drinking Water Act.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40901



Drinking Water State Revolving Fund Emerging Contaminants (incl. PFAS)

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$4,000,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: States initially receive funding, then provide funds to Water Utilities and/or Municipal and Other Eligible Entities. Tribes and Territories are also eligible to receive a portion of State Revolving Fund funds.

Description: Drinking Water State Revolving Fund funding as described in the Drinking Water State Revolving Fund program, with eligible projects limited to those that address emerging contaminants, such as PFAS.

Eligible uses: States apply for a capitalization grant with no State match required. The States provide loans with principal forgiveness or grants to fund drinking water infrastructure projects to address emerging contaminants, including PFAS. Further information will be forthcoming.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Indian Health Service Sanitation Facilities Construction Program

Federal Agency: Department of Health and Human Services

Bureau or Account: Indian Health Service

Funding amount: \$3,500,000,000 *The law makes \$700,000,000 available per year from 2022-2026.*

Period of availability: Available until expended

Funding mechanism: Indian Self-Determination and Education Assistance Act Agreements, Direct Federal Spending

New program: No

Recipients: Federally recognized Tribal governments.

Description: To support the Indian Health Service mission, the Sanitation Facilities Construction Program provides technical and financial assistance to American Tribes and Alaska Native villages for the cooperative development and construction of safe drinking water supply, sewage, and solid waste disposal facilities, and related support facilities. The bill includes a maximum 3 percent (\$21 million) set-aside for salaries, expenses, and administration each year. These funds are limited to Federal costs only. It also directs 0.5 percent (\$3.5 million) each year to the Department of Health and Human Services Office of the Inspector General for oversight of these funds. Additionally, the bill directs the Indian Health Service to use up to \$2.2 billion of the \$3.5 billion appropriation on economically infeasible projects. Economically infeasible projects are those that exceed a per unit cost set for each Indian Health Service Area, and three different regions within the Indian Health Service Alaska Area.

Eligible uses: Provision of domestic and community sanitation facilities for Indians.

Federal cost share requirement: Non-eligible activities include the cost to serve non-Tribal homes, commercial, industrial, agricultural establishments, nursing homes, health clinics, schools, and hospital quarters. These costs are considered ineligible for Indian Health Service Sanitation Facilities Construction project funding. Tribal communities with non-eligible activities can use their own resources, or leverage other Federal, State, and local funding sources to support the full scope of their projects. Waivers are not available.

Statutory location: Division J, Title VI



Aging Infrastructure Account

Federal Agency: Department of the Interior

Bureau or Account: Bureau of Reclamation

Funding amount: \$3,200,000,000

Period of availability: Available until expended

Funding mechanism: Spend Plan/Application

New program: No, however, the Authority and funding expanded in Bipartisan Infrastructure Law

Recipients: Transferred Works Operators and Reserved works Project beneficiaries (districts, power customers, cost share partners)

Description: The Aging Infrastructure/Extraordinary Maintenance authority is used to fund extraordinary maintenance work on Reclamation project facilities.

Eligible uses: Repair, rehabilitation and maintenance of infrastructure assets for reserved or transferred works

Federal cost share requirement: Per project cost allocations. Waivers are not available.

Statutory location: 40901



Indian Water Rights Settlements

Federal Agency: Department of the Interior

Bureau or Account: Bureau of Indian Affairs

Funding amount: \$2,500,000,000

Period of availability: Available until expended

Funding mechanism: Contract/Compact/Trust Fund

New program: No

Recipients: Tribal Governments - Recognized

Description: To satisfy Federal obligations under Indian water rights settlement enacted as of November 15, 2021.

Eligible uses: Transfer to funds or accounts authorized to receive discretionary appropriations or to satisfy other obligations identified by the Secretary of the Interior, under an Indian water settlement approved and authorized by an Act of Congress before the date of enactment of this Act.

Federal cost share requirement:

Statutory location: 70101



Water & Groundwater Storage, And Conveyance

Federal Agency: Department of the Interior

Bureau or Account: Bureau of Reclamation

Funding amount: \$1,150,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending, financial assistance

New program: No, however, the Authority and funding expanded in the Bipartisan Infrastructure Law

Recipients: State, Local

Description: Water Storage, Groundwater Storage, and Conveyance projects with existing feasibility study or construction authorization are eligible for funding. The project must be found feasible and with benefits proportionate to Federal investment. Small Water Storage and Groundwater Storage Projects are defined in the Bipartisan Infrastructure Law as projects that have storage capacity between 2,000 acre-feet and 30,000 acre-feet and increase surface water or groundwater storage or convey water, directly or indirectly, to or from surface water or groundwater storage. Funding will be provided through a combination of internal formulation and competitive grant processes, and non-Federal project sponsors in Reclamation States, including Alaska and Hawaii are eligible.

Eligible uses: Construction and grants

Federal cost share requirement: 50 percent Federal owned, 75 percent for State. Waivers are not available.

Statutory location: 40902



Water Recycling

Federal Agency: Department of the Interior

Bureau or Account: Bureau of Reclamation

Funding amount: \$1,000,000,000

Period of availability: Available until expended

Funding mechanism: Grant, Financial Assistance

New program: No, however, the Authority and funding expanded in the Bipartisan Infrastructure Law

Recipients: Open

Description: Projects that reclaim and/or reuse municipal, industrial, and agricultural wastewater; or impaired ground and surface waters. Large Scale Water Recycling Program is defined in the Bipartisan Infrastructure Law as projects that reclaim and reuse municipal, industrial, domestic, or agricultural wastewater; or impaired groundwater or surface water with a total project cost of \$500 million or more and located in a Reclamation State.

Eligible uses: Water recycling and reuse projects and large water reuse projects in Reclamation States

Federal cost share requirement: 75 percent non-Federal, up to 25 percent from Federal. Waivers are not available.

Statutory location: 40905



Rural Water Projects

Federal Agency: Department of the Interior

Bureau or Account: Bureau of Reclamation

Funding amount: \$1,000,000,000

Period of availability: Available until expended

Funding mechanism: Project Funding

New program: No

Recipients: Existing authorized projects - not for new opportunities - Tribal, Local

Description: Funding for Rural Water will support the seven rural water projects that have been authorized by an Act of Congress before July 1, 2021, in accordance with the Reclamation Rural Water Supply Act of 2006 (43 U.S.C. 2401 et seq.).

Eligible uses: Rural Water projects

Federal cost share requirement: Cost share applies to E. New Mex project, but matching is not required. Waivers are not available.

Statutory location: 40901



Clean Water State Revolving Fund-Emerging Contaminants

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$1,000,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: States initially receive funding, then provide funds to Water Utilities and/or Municipal and Other Eligible Entities. Tribes and Territories are also eligible to receive a portion of State Revolving Fund funds.

Description: Clean Water State Revolving Fund funding as described in the Clean Water State Revolving Fund program, with eligible projects limited to those that address emerging contaminants, such as PFAS.

Eligible uses: States apply for a capitalization grant with no State match required. The States provide loans with principal forgiveness or grants to fund clean water infrastructure projects to address emerging contaminants, including PFAS. Further information will be forthcoming.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Geographic Programs - Great Lakes Restoration Initiative

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$1,000,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: Broad Eligibilities

Description: The goal of the Great Lakes Program is to restore and maintain the chemical, physical, and biological integrity of the Great Lakes Basin Ecosystem. The Environmental Protection Agency leads a consortium of programs, agencies, and public and private institutions in attaining specific objectives and actions that will address the most significant Great Lakes ecosystem problems and efforts in five major focus areas: Toxic Substances and Areas of Concern; Invasive Species; Nonpoint Source Pollution Impacts on Nearshore Health; Habitats and Species; and Foundations for Future Restoration Actions.

Eligible uses: Addressing toxic substances and Areas of Concern; reduction of nonpoint source pollution; invasive species prevention; reduction of runoff contributing to HABs; ecosystem and wetland restoration, stormwater treatment and control, nature-based infrastructure, resilient shorelines, and more.

Federal cost share requirement: Yes. Waivers are available.

Statutory location: Division J, Title VI



Dam Safety Program

Federal Agency: Department of the Interior

Bureau or Account: Bureau of Reclamation

Funding amount: \$500,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: No

Recipients: State, Local

Description: Reclamation's Dam Safety Program is in place to ensure Reclamation dams do not present unreasonable risk to people, property, and the environment.

Eligible uses: Project work at identified dams needing corrective action to reduce risk

Federal cost share requirement: 85 percent Federal, 15 percent non-Federal, in lieu of project specific statute. Waivers are not available.

Statutory location: Division J, Title III



WaterSMART Grants

Federal Agency: Department of the Interior

Bureau or Account: Bureau of Reclamation

Funding amount: \$400,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: Open - meet criteria for Grant Opportunity

Description: This funding will be used for competitive grants through WaterSMART under the authority of Sec. 9504(a) of the SECURE Water Act for water management improvements that contribute to water supply sustainability, increase drought resilience, and that have environmental benefits.

Eligible uses: Grant projects that support water management improvements that contribute to water supply sustainability, increase drought resilience, and that have environmental benefits

Federal cost share requirement: Varies, 50 percent, 25 percent, up to 65 percent for some projects.

Statutory location: 40901



Water Desalination Projects

Federal Agency: Department of the Interior

Bureau or Account: Bureau of Reclamation

Funding amount: \$250,000,000

Period of availability: Available until expended

Funding mechanism: Financial Assistance

New program: No

Recipients: Open

Description: Water desalination projects support desalination of ocean or brackish water.

Eligible uses: Water desalination projects

Federal cost share requirement: 75 percent non-Federal, up to 25 percent from Federal. Waivers are not available.

Statutory location: 40901



Geographic Programs - Chesapeake Bay Program

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$238,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: Broad Eligibilities

Description: The Environmental Protection Agency's Chesapeake Bay Program awards competitive grants and cooperative agreements to States, Tribal and local governments, non-governmental organizations, interstate agencies and academic institutions to reduce and prevent pollution and to improve the living resources in the Chesapeake Bay. Grants are awarded for implementation projects, as well as for technical assistance, monitoring, environmental education, and other related activities. The Environmental Protection Agency's funding priority is to achieve the goals and objectives established in the 2014 Chesapeake Bay Watershed Agreement through the implementation of the management strategies.

Eligible uses: Ecosystem and wetland restoration, stormwater treatment and control, nature-based infrastructure, community resilience, resilient shorelines, and environmental education.

Federal cost share requirement: Yes. Waivers are available.

Statutory location: Division J, Title VI



Safety of Dams, Water Sanitation, And Other Facilities

Federal Agency: Department of the Interior

Bureau or Account: Bureau of Indian Affairs

Funding amount: \$200,000,000

Period of availability: Available until expended

Funding mechanism: Contract/Compact

New program: No

Recipients: Tribal Governments - Recognized

Description: The Bureau of Indian Affairs Safety of Dams aims to reduce the potential loss of human life and property damage caused by dam failure by making Bureau of Indian Affairs dams as safe as practically possible. Safety of Dams is responsible for dams on Indian land. These dams form a significant part of the water-resources infrastructure on Indian reservations. The water sanitation and safety program supports improvement and repair projects that address public health and safety compliance issues at Bureau of Indian Affairs-owned drinking water and sanitation systems.

Eligible uses: Safety of Dams funding is planned to be used to accelerate rehabilitation activities using current prioritization methodology. Water sanitation funds will address deferred maintenance and deficiencies identified in condition assessments, environmental health reviews and audit reports.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



National Estuary Program Grants

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$132,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: 28 Federally Recognized Local National Estuary Programs

Description: The National Estuary Program goal is to protect and restore the water quality and resources of estuaries and associated watersheds designated by the Environmental Protection Agency Administrator as estuaries of national significance. The 28 estuaries of national significance, or National Estuary Programs, use an ecosystem-based management approach to help achieve their protection and restoration goals.

Eligible uses: Each National Estuary Program characterizes the priority problems in its estuary and surrounding watershed, develops a long-term Comprehensive Conservation and Management Plan that identifies actions to address those problems, and identifies partners to implement those actions. Implementation of Comprehensive Conservation and Management Plans can include the following actions: protecting and restoring habitat, including wetlands; supporting water quality protection and restoration, including Total Maximum Daily Load plan implementation; monitoring and addressing toxics and pathogen loads and contamination; implementing stormwater management, reducing non-point source pollution impacts, and promoting the adoption of green infrastructure approaches; preventing the spread of aquatic invasive species and/or managing their impacts; developing and implementing nutrient reduction strategies; conducting climate vulnerability assessments and developing and implementing climate change adaptation strategies and using adaptation tools to promote coastal resilience; and developing and implementing strategies to provide opportunities for residents of urban minority and/or underserved communities to have greater access to urban waters, participate in urban ecosystem restoration, and participate in capacity-building/educational activities. In addition to Comprehensive Conservation and Management Plan implementation, National Estuary Programs and other eligible recipients address urgent and challenging issues that threaten the ecological and economic well-being of coastal areas.

Federal cost share requirement: Yes. Waivers are available.

Statutory location: Division J, Title VI



Geographic Programs - Long Island Sound

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$106,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreement (Discretionary Grants)

New program: No

Recipients: Broad Eligibilities

Description: The Long Island Sound Program supports the implementation of a comprehensive plan to protect and restore water quality, habitat, and living resources in Long Island Sound, working with State and local governments, the private sector, user groups, and the general public.

Eligible uses: The Long Island Sound Program implements the Long Island Sound Study Comprehensive Conservation and Management Plan. The program also assists the States of Connecticut and New York and other public or nonprofit entities in implementation, research, planning, enforcement, and citizen involvement and education related to reducing pollution and improving the quality of the environment to sustain living resources in the Long Island Sound.

Federal cost share requirement: Yes. Waivers are available.

Statutory location: Division J, Title VI



Watershed Management Projects

Federal Agency: Department of the Interior

Bureau or Account: Bureau of Reclamation

Funding amount: \$100,000,000

Period of availability: Available until expended

Funding mechanism: Financial Assistance

New program: Yes

Recipients: Open - must meet funding opportunity criteria

Description: Watershed management includes water conservation and efficiency projects that increase reliability for ecological value, improvements to mitigate drought-related impacts to ecological values, and projects that improve the condition of a natural feature or nature-based feature.

Eligible uses: Watershed management activities that include water conservation and efficiency projects that increase reliability for ecological value, improvements to mitigate drought-related impacts to ecological values, and projects that improve the condition of a natural feature or nature-based feature.

Federal cost share requirement: 50 percent for some projects. Waivers are not available.

Statutory location: 40901



Geographic Programs - Puget Sound

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$89,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: Broad Eligibilities

Description: Puget Sound has been designated as one of 28 estuaries of National Significance under section 320 of the Clean Water Act. The goal of the National Estuary Program is to attain and maintain water quality in designated estuaries that will assure protection of public water supplies and the protection and propagation of a balanced, indigenous population of shellfish, fish and wildlife and allows recreational activities in and on the water. The Puget Sound National Estuary Program's approved Comprehensive Conservation and Management Plan, the Action Agenda, has a goal to restore and maintain the Puget Sound Estuary's environment by meeting 2018-2022 ecosystem targets.

Eligible uses: Ecosystem and wetland restoration, stormwater treatment and control, nature-based infrastructure, community resilience, resilient shorelines, and environmental education, Tribal support.

Federal cost share requirement: Yes. Waivers are available.

Statutory location: Division J, Title VI



Geographic Programs - Columbia River Basin Restoration Program

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$79,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: Broad Eligibilities

Description: This program is intended to improve water quality in the Lower Columbia River Basin through specific actions to reduce toxics, increase monitoring, and/or increase public education and outreach. The Columbia River Basin Restoration Program will assist Tribal, State and local governments; non-government entities, and others as they implement the Columbia River Basin Toxics Reduction Action Plan and the Lower Columbia Estuary Partnership Comprehensive Conservation and Management Plan and conduct activities to support Environmental Protection Agency national goals for the Columbia River Basin.

Eligible uses: Cleaning up contaminated sites, reducing runoff, monitoring and improving water quality, habitat protection, education, reducing stormwater and agricultural runoff, pollution prevention, implementing agricultural best management practices.

Federal cost share requirement: Yes. Waivers are available.

Statutory location: Division J, Title VI



Geographic Programs - Lake Pontchartrain Restoration Program

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$53,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreement (Discretionary Grants)

New program: No

Recipients: Broad Eligibilities

Description: This program carries out the Lake Pontchartrain Basin Comprehensive Management Plan under the authority of the Clean Water Act Section 121 and Section 320. Program activities include conducting water quality monitoring of Lake Pontchartrain, educating basin residents on water protection and pollution prevention, evaluating sewer system designs and developing plans to upgrade or replace them in order to prevent or reduce water pollution.

Eligible uses: Program activities include conducting water quality monitoring of Lake Pontchartrain, educating basin residents on water protection and pollution prevention, evaluating sewer system designs and developing plans to upgrade or replace them in order to prevent or reduce water pollution.

Federal cost share requirement: Yes. Waivers are available.

Statutory location: Division J, Title VI



Geographic Programs - Gulf of Mexico

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$53,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: Broad Eligibilities

Description: The Gulf of Mexico Program, housed within the Gulf of Mexico Division, is a non-regulatory program of the U.S. Environmental Protection Agency founded to facilitate collaborative actions to protect, maintain, and restore the health and productivity of the Gulf of Mexico in ways consistent with the economic well-being of the Region. To carry out its mission, the Gulf of Mexico Program continues to maintain and expand partnerships with State and Federal agencies, Federally recognized Tribes, local governments and authorities, academia, regional business and industry, agricultural and environmental organizations, and individual citizens and communities.

Eligible uses: Ecosystem and wetland restoration, stormwater treatment and control, nature-based infrastructure, community resilience, resilient shorelines, and environmental education.

Federal cost share requirement: Yes. Waivers are available.

Statutory location: Division J, Title VI



Central Utah Project

Federal Agency: Department of the Interior

Bureau or Account: Central Utah Project

Funding amount: \$50,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Central Utah Water Conservancy District, Utah Reclamation Mitigation and Conservation Commission

Description: Funding will be used to continue construction of the Utah Lake System Pipeline to deliver 30,000 acre-feet of water to the communities in South Utah County, continued construction of a water flow control structure at Sixth Water on the Diamond Fork System to allow for minimum stream flows for fishery purposes, and continued development of the Provo River Delta Restoration Project for habitat development for the threatened June sucker fish.

Eligible uses: Funding will be transferred to and be used by the Central Utah Water Conservancy District and the Utah Reclamation Mitigation and Conservation Commission.

Federal cost share requirement:

Statutory location: Division J, Title III



Tribal Irrigation and Power Systems

Federal Agency: Department of the Interior

Bureau or Account: Bureau of Indian Affairs

Funding amount: \$50,000,000

Period of availability: Available until expended

Funding mechanism: Contract/Compact

New program: No

Recipients: Tribal Governments - Recognized

Description: The program addresses deferred maintenance needs at 17 congressionally authorized irrigation projects located on Indian reservations across the Rocky Mountain, Northwest, Southwest, Navajo and Western Regions.

Eligible uses: Address deferred maintenance and deficiencies identified in condition assessments and audit reports.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Underground Injection Control Grants: Class VI wells

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$50,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: States and Tribes

Description: The Underground Injection Control Grants fund Federal, State, and Tribal government agencies that oversee underground injection activities to prevent contamination of underground sources of drinking water from fluid injection practices. The funding in Bipartisan Infrastructure Law targets funding to Class VI wells utilized for carbon sequestration.

Eligible uses: Eligible entities shall use grants to defray the expenses related to the establishment and operation of a Class VI primacy program.

Federal cost share requirement: No non-Federal cost share required

Statutory location:



Geographic Programs - Lake Champlain

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$40,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: Broad Eligibilities

Description: The Lake Champlain Basin Program coordinates and funds efforts that benefit the Lake Champlain Basin's water quality, fisheries, wetlands, wildlife, recreation, and cultural resources, in partnership with government agencies from New York, Vermont, and Québec, private organizations, local communities, and individuals.

Eligible uses: Ecosystem and wetland restoration, stormwater treatment and control, nature-based infrastructure, community resilience, resilient shorelines, and environmental education

Federal cost share requirement: Yes. Waivers are available.

Statutory location: Division J, Title VI



Water Resources Development Act Data Acquisition

Federal Agency: Department of Commerce

Bureau or Account: National Oceanic and Atmospheric Administration

Funding amount: \$25,000,000

Period of availability: 2 years for each annual tranche

Funding mechanism: Various

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally Recognized), Tribal Governments (Other Than Federally Recognized), Public Higher-Ed Institutions, Private Higher-Ed Institutions, Nonprofits With 501(C)(3) Status, Nonprofits - Without 501(C)(3) Status, Small Businesses, Businesses (Other Than Small Businesses), And / Or Individuals

Description: Section 511(b)(1) and (2) of the Water Resources Development Act of 2020 (division AA of Public Law 116–260) requires the National Oceanic and Atmospheric Administration to establish a pilot program within the National Mesonet Program for the acquisition and use of data generated by a U.S. Army Corps of Engineers -led initiative. Army Corps of Engineers is augmenting existing mesonet sites in 5 networks in the Upper Missouri River Basin with new soil moisture and snowpack instrumentation and installing new sites to reach a total of 540 sites outfitted with the new instrumentation by the end of fiscal year 2026. To support these efforts, the National Oceanic and Atmospheric Administration will establish the Soil Moisture and Snowpack Monitoring Pilot Program, which will acquire data that is generated by the network being installed in the Upper Missouri River Basin from 2023 through 2025. The National Weather Service National Mesonet Program supports a public-private partnership of nearly four-dozen mesonet networks operated by the States and the private sector providing hydrometeorological observational data at more than 30,000 sites nationwide.

Eligible uses: Establishment of the Soil Moisture and Snowpack Monitoring Pilot Program, which will acquire data that is generated by the network being installed in the Upper Missouri River Basin.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title II



Geographic Programs - San Francisco Bay Water Quality Improvement Fund

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$24,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: Broad Eligibilities

Description: The goals of the San Francisco Bay grant program are to improve water quality and restore aquatic habitat (i.e. wetlands) in the San Francisco Bay and its watersheds. Funded projects will reduce polluted runoff, restore impaired waters, and enhance aquatic habitat. Achieving significant environmental results related to wetlands restoration and water quality improvements is an overall program priority. Funding Priorities for fiscal year 2021 are the same as in all previous fiscal years and include the protection and restoration of water quality in San Francisco Bay and its watersheds. In addition, priorities include projects that "benefit underserved communities (e.g. economically disadvantaged communities and other populations that experience disproportionate environmental harm and health risks as a result of greater vulnerability to environmental hazards) by increasing natural habitat and "greener" infrastructure in those areas."

Eligible uses: Ecosystem and wetland restoration, stormwater treatment and control, nature-based infrastructure, community resilience, resilient shorelines, and environmental education.

Federal cost share requirement: Yes. Waivers are available.

Statutory location: Division J, Title VI



Geographic Programs - South Florida Geographic Initiatives Program

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$16,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: Broad Eligibilities

Description: South Florida Geographic Initiatives Program provides competitive grants to address the immediate and emerging ecological pressures and threats to nearshore waters, bays, estuaries, beaches, and coral reefs central to South Florida's economic well-being.

Eligible uses: Canal demonstration projects; stormwater demonstration projects; coral research; endocrine disruptor impacts to marine fauna and flora; identifying and understanding cause/effect relationships of pollutants; developing effective remediation techniques for aquatic resources; addressing specific management questions and concerns; predictive models and monitoring tools; and overall improvement of our understanding of South Florida ecosystems.

Federal cost share requirement: Yes. Waivers are available.

Statutory location: Division J, Title VI



Geographic Programs - Southeast New England Coastal Watershed Restoration Program

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$15,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: Broad Eligibilities

Description: Our mission is to foster collaboration among regional partners across southeast New England's coastal watersheds to protect and restore water quality, ecological health, and diverse habitats by sharing knowledge and resources, promoting innovative approaches, and leveraging economic and environmental investments to meet the needs of current and future generations. By 2050, we envision a resilient ecosystem of safe and healthy waters, thriving watersheds and natural lands, and sustainable communities throughout southeast New England's coastal watersheds.

Eligible uses: Ecosystem and wetland restoration, stormwater treatment and control, nature-based infrastructure, community resilience, resilient shorelines, and environmental education.

Federal cost share requirement: Yes. Waivers are available.

Statutory location: Division J, Title VI



Geographic Programs - Northwest Forest

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$4,000,000

Period of availability: Available until expended

Funding mechanism: Grants and Interagency Agreements

New program: No

Recipients: Limited Eligibilities – Federal

Description: The Northwest Forest Geographic Program addresses water quality impairments from non-point sources related to pacific northwest forest practices and works to improve the quality and quantity of surface water so that beneficial uses and drinking water/source water protection goals are met. Climate change is increasing the demands on the program due to the increase of catastrophic wildfire and resulting impacts to water quality and municipal drinking water.

Eligible uses: Monitoring of aquatic and riparian management in the Northwest Forest Plan; groundwater restoration to improve sources of drinking water; post-wildfire water quality monitoring; education and capacity-building for States and drinking water providers.

Federal cost share requirement: Yes. Waivers are available.

Statutory location: Division J, Title VI



Soil Moisture and Snowpack Pilot Program

Federal Agency: Department of Commerce

Bureau or Account: National Oceanic and Atmospheric Administration

Funding amount: \$1,000,000

Period of availability: 2 years for each annual tranche

Funding mechanism: Various

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally Recognized), Tribal Governments (Other Than Federally Recognized), Public Higher-Ed Institutions, Private Higher-Ed Institutions, Nonprofits With 501(C)(3) Status, Nonprofits - Without 501(C)(3) Status, Small Businesses, Businesses (Other Than Small Businesses), And / Or Individuals

Description: The study of the soil moisture and snowpack monitoring network in the Upper Missouri River Basin pursuant to section 511(b)(3) of the Water Resources Development Act of 2020 (division AA of Public Law 116–260) (see Provision 4 description).

Eligible uses: The study of the soil moisture and snowpack monitoring network in the Upper Missouri River Basin

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title II



Resilience

Challenge: Millions of Americans feel the effects of climate change each year when their roads wash out, power goes down, homes are destroyed by wildfires, or schools get flooded. Last year alone, the United States faced 20 extreme weather and climate related disaster events with losses exceeding \$1 billion each – a cumulative price tag of more than \$145 billion. People of color and underserved communities are disproportionately vulnerable to the climate crisis and are more likely to experience the negative health and environmental effects of climate-related and extreme weather events. Further, the country's critical infrastructure is at risk from a wide variety of additional hazards. Investments in the Bipartisan Infrastructure Law prioritize this “all hazards” approach to protecting our infrastructure with an emphasis on designing projects that will be resilient in the face of cybersecurity threats and climate and extreme weather-related risks.

Solutions: The Bipartisan Infrastructure Law makes our communities safer and our infrastructure more resilient to the impacts of climate change and cyber-attacks, with an investment of more than \$50 billion to protect against droughts, heat, floods, wildfires, and cyber threats, in addition to a major investment in weatherization. The legislation is the largest investment in the resilience of physical and natural systems in American history.

Funding Overview: This bill contains historic funding for resilience to all hazards – including cyber, climate, and other threats communities face. Some of the most significant of these investments are:

- (1) Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) Grants (\$8.7 billion),
- (2) Wildfire Management (\$8.25 billion)
- (3) Investments in Resilience through the Army Corps of Engineers (\$7 billion)
- (4) Western Water (\$3.8 billion),
- (5) Flood Mitigation Assistance Program (\$3.5 billion)
- (6) Weatherization (\$3.5 billion)
- (7) Cybersecurity (\$1.3 billion).

PROTECT (Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation) Program includes \$7.3 billion in formula funding that will be distributed to States and \$1.4 billion in competitive grants to help States and local agencies improve the resiliency of transportation infrastructure. PROTECT grants include resilience improvement grants, community resilience and evacuation route grants, and at-risk coastal infrastructure grants.

The money allocated to **Wildfire Management** encompasses a suite of programs aimed at reducing risk of wildfires, detecting wildfires, instituting firefighter workforce reforms and building more resilient infrastructure to be overseen by the Department of Agriculture, the Department of the Interior, and the National Oceanic Atmospheric



Association. The largest portion of this funding is for the Department of Agriculture's Forest Service (\$3.37 billion) and the Department of the Interior (\$1.46 billion) for wildfire risk reduction.

Investments in Resilience through the Army Corps of Engineers allocates funding to the Army Corps with specific set-asides for projects related to coastal storm risk management, hurricane and storm damage reduction, inland flood risk management, and aquatic ecosystem restoration.

The **Western Water** program provides substantial new funding that will help western communities fight drought by investing in new and expanded water storage, water efficiency, water reuse and dam safety projects throughout the west.

Federal Emergency Management Agency's Flood Mitigation Assistance Program financial and technical assistance to States and communities to reduce the risk of flood damage to homes and businesses through buyouts, elevation and other activities.

The **Weatherization** program reduces energy costs for low-income households by increasing the energy efficiency of their homes, while ensuring health and safety.

Money allocated to **Cybersecurity** is spread across multiple programs to strengthen cyber systems and defense against future attacks, including funding for State, Local, Tribal, and Territorial grants for the Federal Emergency Management Agency, cyber response and recovery, and Research & Development in cyber

Getting Ready:

Resilience-related funding opportunities vary significantly by program. States and communities should be pro-active in reaching out to the Department of Transportation for transportation-related resilience funding and to the Interior Department's Bureau of Reclamation regarding western water grant opportunities. State officials who are working closely with Forest Service and the Department of the Interior wildfire teams should not hesitate to approach federal officials and identify mutually-beneficial strategies for reducing dangerous fuel loads across federal and State lands. Tribal officials should contact the Bureau of Indian Affairs at the Department of Interior to learn about the full range of climate resilience funding that may be available to them.



Existing Resources:

In addition to specific funding made available through Bipartisan Infrastructure Law, communities and States that are seeking Federal funding for locally-important resilience investments should explore potential opportunities under existing resilience-focused programs at the Federal Emergency Management Agency and the Department of Housing & Urban Development. Both Agencies have robust resilience funding programs, including the Federal Emergency Management Agency's [Building Resilient Infrastructure & Communities](#) program.



Program Name	Agency Name	Funding Amount
Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) - Formula	Department of Transportation	\$7,299,999,998
Flood Mitigation Assistance Grants (National Flood Insurance Act Sec 1366)	Department of Homeland Security	\$3,500,000,000
Coastal Storm Risk Management, Hurricane, And Storm Damage Reduction Projects	Department of Defense – Army Corps of Engineers	\$2,550,000,000
Inland Flood Risk Management Projects	Department of Defense – Army Corps of Engineers	\$2,500,000,000
Aquatic Ecosystem Restoration Projects	Department of Defense – Army Corps of Engineers	\$1,900,000,000
Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) - Discretionary	Department of Transportation	\$1,400,000,000
Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) - Discretionary	Department of Transportation	\$1,400,000,000
Building Resilient Infrastructure and Communities (Robert T Stafford Act Section 203(i))	Department of Homeland Security	\$1,000,000,000
Community Wildfire Defense Grant Program For At-Risk Communities	Department of Agriculture	\$1,000,000,000
State and Local Cybersecurity Grant Program	Department of Homeland Security	\$1,000,000,000
Wildfire Management - Fuels Management	Department of the Interior	\$878,000,000
Reforestation Trust Fund (Replant Act)	Department of Agriculture	\$528,000,000
Hazardous Fuels Management	Department of Agriculture	\$514,000,000
Hazard Mitigation Revolving Loan Funds/Safeguarding Tomorrow through Ongoing Risk Mitigation (STORM) Act (Robert T Stafford Act, Sec 205)	Department of Homeland Security	\$500,000,000
Watershed And Flood Prevention Operations	Department of Agriculture	\$500,000,000
National Oceans and Coastal Security Fund	Department of Commerce	\$492,000,000
Flood and Inundation Mapping and Forecasting, Water Modeling, and Precipitation Studies	Department of Commerce	\$492,000,000
Habitat Restoration	Department of Commerce	\$491,000,000
Federal Wildland Firefighter Salaries And Expenses	Department of Agriculture	\$480,000,000
Continuing Authorities Program (Under Flood Control Act And River And Harbor Act)	Department of Defense – Army Corps of Engineers	\$465,000,000
Hazardous Fuels (Mechanical Thinning And Timber Harvesting; Precommercial Thinning In Young Growth)	Department of Agriculture	\$400,000,000
Financial Assistance To Facilities That Purchase And Process Byproducts For Ecosystem Restoration Projects	Department of Agriculture	\$400,000,000
Grants For States And Tribes For Voluntary Restoration	Department of the Interior	\$400,000,000
Burned Area Recovery	Department of Agriculture	\$325,000,000
Department of Interior Wildfire Management - Burned Area Rehabilitation	Department of the Interior	\$325,000,000
Colorado River Drought Contingency Plan	Department of the Interior	\$300,000,000
Emergency Watershed Protection Program	Department of Agriculture	\$300,000,000
Flood Control and Coastal Emergencies	Department of Defense – Army Corps of Engineers	\$251,000,000
Cybersecurity for the Energy Sector Research, Development, and Demonstration Program	Department of Energy	\$250,000,000
Rural And Municipal Utility Advances Cybersecurity Grant And Technical Assistance Program	Department of Energy	\$250,000,000
Aquatic Ecosystem Restoration And Protection Projects	Department of the Interior	\$250,000,000
Prescribed Fires	Department of Agriculture	\$250,000,000



Fuel Breaks	Department of Agriculture	\$250,000,000
Capital Improvement And Maintenance - Legacy Road And Trail Remediation Program	Department of Agriculture	\$250,000,000
Department of Interior Wildfire Management - Preparedness	Department of the Interior	\$245,000,000
Hazardous Materials and Emergency Preparedness Grants	Department of Transportation	\$234,125,000
Coastal Zone Management	Department of Commerce	\$207,000,000
Water-Related Environmental Infrastructure Assistance	Department of Defense – Army Corps of Engineers	\$200,000,000
Ecosystem - Fish Passage	Department of the Interior	\$200,000,000
Joint Chiefs Landscape Restoration Partnership Program	Department of Agriculture	\$180,000,000
Ecosystem - Klamath Basin	Department of the Interior	\$162,000,000
Regulatory Program	Department of Defense – Army Corps of Engineers	\$160,000,000
Restoration Projects Via States And Tribes	Department of Agriculture	\$160,000,000
Ecological Health Restoration Contracts	Department of Agriculture	\$150,000,000
Tribal Climate Resilience - Community Relocation	Department of the Interior	\$130,000,000
Ocean And Coastal Observing Systems	Department of Commerce	\$100,000,000
Cyber Response and Recovery Fund	Department of Homeland Security	\$100,000,000
Multi-Benefit Projects To Improve Watershed Health	Department of the Interior	\$100,000,000
Removal Of Vegetation For Biochar And Innovative Wood Products	Department of Agriculture	\$100,000,000
Collaborative Forest Landscape Restoration Program	Department of Agriculture	\$100,000,000
Post-Fire Restoration	Department of Agriculture	\$100,000,000
Pollution Prevention Grants	Environmental Protection Agency	\$100,000,000
Restore Native Vegetation On Federal/Non-Federal Land	Department of Agriculture	\$100,000,000
Forest Health Management on Federal Lands Program and Forest Health Management on Cooperative Lands Program	Department of Agriculture	\$100,000,000
Capital Improvement And Maintenance - Construction And Maintenance Of Roads For Forest Restoration Projects That Reduce Wildfire Risk	Department of Agriculture	\$100,000,000
Working Capital Fund	Department of the Interior	\$100,000,000
Direct Federal Spending For Invasives	Department of the Interior	\$100,000,000
State Fire Assistance	Department of Agriculture	\$88,000,000
Tribal Climate Resilience - Adaptation Planning	Department of the Interior	\$86,000,000
Research Supercomputing	Department of Commerce	\$80,000,000
Water Infrastructure Finance and Innovation Program Account	Department of Defense – Army Corps of Engineers	\$75,000,000
Revegetation Effort to Implement National Seed Strategy	Department of Agriculture	\$70,000,000
Direct Federal Spending (Or Other) For National Revegetation Strategy	Department of the Interior	\$70,000,000
Critical Infrastructure Security and Resilience Research	Department of Homeland Security	\$69,806,250
National Seed Strategy	Department of Agriculture	\$60,000,000
Wildfire	Department of Commerce	\$50,000,000
Wildfire	Department of Commerce	\$50,000,000
Ocean And Coastal Observing Systems	Department of Commerce	\$50,000,000



Preplanning Fire Response Workshops And Workforce Training	Department of Agriculture	\$50,000,000
Energy Sector Operational Support for Cyber Resilience Program	Department of Energy	\$50,000,000
Advanced Energy Security Program	Department of Energy	\$50,000,000
Colorado River Endangered Species Recovery and Conservation Programs	Department of the Interior	\$50,000,000
Ecosystem - Sagebrush-Steppe	Department of the Interior	\$50,000,000
Contracts And Agreements For Restoration On Federal Lands	Department of the Interior	\$50,000,000
Flood Plain Management Services	Department of Defense – Army Corps of Engineers	\$45,000,000
To Complete Or Initiate And Complete Studies That Were Authorized Prior To The Date Of This Act	Department of Defense – Army Corps of Engineers	\$45,000,000
Direct Federal Spending For Resilient Recreation Sites	Department of the Interior	\$45,000,000
Physical Security	Department of Homeland Security	\$38,800,000
Sector Risk Management Agencies	Department of Homeland Security	\$35,000,000
Planning Assistance To States	Department of Defense – Army Corps of Engineers	\$30,000,000
Section 118 Of Water Resources Development Act of 2020	Department of Defense – Army Corps of Engineers	\$30,000,000
Provide Financial Assistance To States, Tribes, And Units Of Local Government To Establish And Operate Reverse-911 Telecommunication Systems	Department of Agriculture	\$30,000,000
Ecosystem - Delaware River Basin Conservation Act	Department of the Interior	\$26,000,000
National Geological And Geophysical Data Preservation Program	Department of the Interior	\$23,668,000
Southwest Ecological Restoration Institute	Department of Agriculture	\$20,000,000
Volunteer Fire Assistance	Department of Agriculture	\$20,000,000
Ecosystem - Lake Tahoe	Department of the Interior	\$17,000,000
Cybersecurity	Department of Homeland Security	\$14,500,000
Probabilistic Analysis of National Threats, Hazards, and Risks	Department of Homeland Security	\$13,400,000
Countering Violent Extremism	Department of Homeland Security	\$12,800,000
Agreement With National Oceanic and Atmospheric Administration For Geostationary Operations Environmental Satellite Program	Department of Agriculture	\$10,000,000
Research And Development Via Joint Fire Science Program Partnership With Department Of Interior	Department of Agriculture	\$10,000,000
Wildfire Management - Joint Fire Science Program with Department of Agriculture	Department of the Interior	\$10,000,000
Firewood Banks	Department of Agriculture	\$8,000,000
Wildfire Detection And Monitoring Equipment	Department of Agriculture	\$5,000,000
First Responder Capability	Department of Homeland Security	\$4,000,000
Explosives Threat Assessment	Department of Homeland Security	\$2,800,000
Develop And Publish Every 5 Years A Map Depicting At-Risk Communities, Including Tribal Communities	Department of Agriculture	\$1,200,000
Network and System Security and Investment	Department of Homeland Security	\$1,000,000
TOTAL - RESILIENCE		\$37,866,099,248



Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) - Formula

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$7,299,999,998

Period of availability: 4 year

Funding mechanism: Formula

New program: Yes

Recipients: States (including District of Columbia)

Description: The PROTECT Formula Program will support planning, resilience improvements, community resilience and evacuation routes, and at-risk coastal infrastructure.

Eligible uses: Highway, transit, and certain port projects are eligible.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are available in some circumstances.

Statutory location: 11101; 11405



Flood Mitigation Assistance Grants (National Flood Insurance Act Sec 1366)

Federal Agency: Department of Homeland Security

Bureau or Account: Federal Emergency Management Agency

Funding amount: \$3,500,000,000

Period of availability: Available for the next 5 fiscal years in tranches of \$700 million per fiscal year

Funding mechanism: Grant

New program: No

Recipients: States, local, Tribal, territorial governments, and local communities

Description: The Flood Mitigation Assistance program makes Federal funds available to States, U.S. territories, Federally recognized Tribal governments, and local communities to reduce or eliminate the risk of repetitive flood damage to buildings and structures.

Eligible uses: These grants are focused on projects that reduce flood risks posed to repetitively flooded properties insured under the National Flood Insurance Program. Federal Emergency Management Agency is distributing fiscal year 2021 Flood Mitigation Assistance funding amount as follows: Project scoping (previously advance assistance) to develop community flood mitigation projects and/or individual flood mitigation projects that will subsequently reduce flood claims against the National Flood Insurance Program. Projects that address community flood risk for the purpose of reducing National Flood Insurance Program flood claim payments. Technical assistance to maintain a viable Flood Mitigation Assistance program over time. Planning sub-applications for the flood hazard component of State, Local, Territory, and Tribal Hazard Mitigation Plans and plan updates.

Federal cost share requirement: 100 percent Federal / 0 percent Non-Federal - Severe Repetitive Loss Structure; 90 percent Federal / 10 percent non-Federal - Repetitive Loss Structure; 75 percent Federal / 25 percent non-Federal - National Flood Insurance Program insured structures and all other activities. Waivers are available in accordance with the Insular Areas Act.

Statutory location: Division J, Title V



Coastal Storm Risk Management, Hurricane, And Storm Damage Reduction Projects

Federal Agency: Department of Defense – Army Corps of Engineers

Bureau or Account: Corps of Engineers – Civil Works

Funding amount: \$2,550,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal

New program: No

Recipients: The Army Corps will use this funding to construct authorized Federal storm damage reduction projects.

Description: This program will fund the construction of projects that help to reduce the risk of damage in a coastal storm, targeting States that have been impacted by Federally declared disasters over the past six years, including \$1 billion for multi-purpose projects or programs that include flood risk management benefits as a purpose (\$200 million of which will be for shore protection projects).

Eligible uses: Eligible Federal projects to reduce the risk of flood and storm damage along the Nation's coasts, including on the Great Lakes.

Federal cost share requirement: In general, unless otherwise specified in law, projects are cost shared 65 percent Federal, 35 percent non-Federal.

Statutory location: Division J, Title III



Inland Flood Risk Management Projects

Federal Agency: Department of Defense – Army Corps of Engineers

Bureau or Account: Corps of Engineers – Civil Works

Funding amount: \$2,500,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal

New program: No

Recipients: The Army Corps will use this funding to construct authorized Federal flood damage reduction projects.

Description: This program funds the construction of projects that help to reduce the risk of damage in a flood, including \$750 million for multi-purpose projects or programs that include flood risk management benefits as a purpose.

Eligible uses: Eligible Federal projects to reduce the risk of damage from riverine flooding.

Federal cost share requirement: In general, unless otherwise specified in law, projects are cost shared 65 percent Federal, 35 percent non-Federal.

Statutory location: Division J, Title III



Aquatic Ecosystem Restoration Projects

Federal Agency: Department of Defense – Army Corps of Engineers

Bureau or Account: Corps of Engineers – Civil Works

Funding amount: \$1,900,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal

New program: No

Recipients: In partnership with State, local, and Tribal governments the Army Corps would use funding to construct Federally authorized aquatic ecosystem restoration projects.

Description: This program funds the construction of authorized water resources projects to increase aquatic ecosystem restoration, including \$1 billion for multi-purpose projects or programs that include aquatic ecosystem restoration as a purpose.

Eligible uses: Authorized Federal aquatic ecosystem restoration projects and programs.

Federal cost share requirement: In general, unless otherwise specified in law, projects are cost shared 65 percent Federal, 35 percent non-Federal.

Statutory location: Division J, Title III



Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) - Discretionary

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$1,400,000,000

Period of availability: 4 year

Funding mechanism: Competitive Grant

New program: Yes

Recipients: State (or political subdivision of a State), metropolitan planning organization, local government, special purpose district or public authority with a transportation function, Tribe, Federal land management agency (applying jointly with State(s)); Different eligibilities apply for at-risk coastal infrastructure grants.

Description: PROTECT Grants will support planning, resilience improvements, community resilience and evacuation routes, and at-risk coastal infrastructure.

Eligible uses: Highway, transit, and certain port projects are eligible.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal except 100 percent Federal for an Tribe as determined by the Secretary. Waivers are available in some circumstances.

Statutory location: 11101; 11405



Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) - Discretionary

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$1,400,000,000

Period of availability: 4 year

Funding mechanism: Competitive Grant

New program: Yes

Recipients: State (or political subdivision of a State), metropolitan planning organization, local government, special purpose district or public authority with a transportation function, Tribe, Federal land management agency (applying jointly with State(s)); Different eligibilities apply for at-risk coastal infrastructure grants.

Description: PROTECT Grants will support planning, resilience improvements, community resilience and evacuation routes, and at-risk coastal infrastructure.

Eligible uses: Highway, transit, and certain port projects are eligible.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal except 100 percent Federal for an Tribe as determined by the Secretary. Waivers are available in some circumstances.

Statutory location: 11101; 11405



Building Resilient Infrastructure and Communities (Robert T Stafford Act Section 203(i))

Federal Agency: Department of Homeland Security

Bureau or Account: Federal Emergency Management Agency

Funding amount: \$1,000,000,000

Period of availability: Available for the next 5 fiscal years in tranches of \$200 million per fiscal year

Funding mechanism: Grant

New program: No

Recipients: States, local, Tribal, and territorial governments

Description: The Building Resilient Infrastructure and Communities program makes Federal funds available to States, U.S territories, Federally recognized Tribal governments, and local communities for hazard mitigation activities.

Eligible uses: Federal Emergency Management Agency will provide financial assistance to eligible Building Resilient Infrastructure and Communities applicants for the following activities: Capability and Capacity-Building – Activities, which enhance the knowledge, skills, expertise, etc., of the current workforce to expand or improve the administration of mitigation assistance. This includes activities in the following sub-categories: building codes activities, partnerships, project scoping, mitigation planning and planning-related activities, and other activities; Mitigation Projects – Cost-effective projects designed to increase resilience and public safety; reduce injuries and loss of life; and reduce damage and destruction to property, critical services, facilities, and infrastructure from natural hazards and the effects of climate change; and Management Costs – Financial assistance to reimburse the recipient and subrecipient for eligible and reasonable indirect costs, direct administrative costs, and other administrative expenses associated with a specific mitigation measure or project in an amount up to 15 percent of the total amount of the grant award, of which not more than 10 percent of the total award amount may be used by the recipient and 5 percent by the subrecipient for such costs generally.

Federal cost share requirement: 75 percent Federal / 25 percent non-Federal; 90 percent Federal / 10 percent non-Federal for economically disadvantaged rural communities; 100 percent Federal on management costs for all. Waivers are available in accordance with the Insular Areas Act.

Statutory location: Division J, Title V



Community Wildfire Defense Grant Program For At-Risk Communities

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$1,000,000,000

Period of availability: Each annual \$100 million tranche has a 4-year period of availability

Funding mechanism: Grant

New program: Yes

Recipients: Private Forest Owners, Communities At Risk From Wildfire, Tribal Communities, State Forestry Agencies And Other Nonprofit Organizations

Description: Provide grants to communities at risk from wildfire to develop or revise their community wildfire protection plans and carry out projects described within those plans. It will include a mix of formula and competitive funds.

Eligible uses: Under development

Federal cost share requirement: Federal cost share for grants

Statutory location: 40803



State and Local Cybersecurity Grant Program

Federal Agency: Department of Homeland Security

Bureau or Account: Cybersecurity and Infrastructure Security Agency

Funding amount: \$1,000,000,000

Period of availability: Varying amounts per fiscal year for the next four fiscal years: \$200 million for fiscal year 2022, \$400 million for fiscal year 2023, \$300 million for fiscal year 2024, and \$100 million for fiscal year 2025

Funding mechanism: Grant

New program: Yes

Recipients: State, territorial, and Tribal governments or multi-entity groups of two or more eligible entities.

Description: The State and Local Cybersecurity Grant Program makes available Federal funds to State, local, and Tribal governments to address cybersecurity risks and cybersecurity threats to information systems that they own or operate. The Department of Homeland Security is also separately administering the statutory Tribal set-aside funding as its own Tribal Cybersecurity Grant Program under this authority.

Eligible uses: Develop and revise cybersecurity plans; implement elements of the cybersecurity plan (including individual projects); address imminent cybersecurity threats, as confirmed by the Department of Homeland Secretary, acting through the Cybersecurity and Infrastructure Security Agency Director; grants management and administration (5 percent maximum); any other appropriate activity determined by the Department of Homeland Security Secretary, acting through the Cybersecurity and Infrastructure Security Agency Director.

Federal cost share requirement: fiscal year 2022 for individual recipients: 90 percent Federal; 10 percent Non-Federal; for multi-entity groups: 100 percent Federal fiscal year 2023 for individual recipients: 80 percent Federal; 20 percent Non-Federal; for multi-entity groups: 90 percent Federal; 10 percent Non-Federal fiscal year 2024 for individual recipients: 70 percent Federal; 30 percent Non-Federal; for multi-entity groups: 80 percent Federal; 20 percent Non-Federal fiscal year 2025 for individual recipients: 60 percent Federal; 40 percent Non-Federal; for multi-entity groups: 70 percent Federal; 30 percent Non-Federal. Waivers are available.

Statutory location: Division J, Title V



Wildfire Management - Fuels Management

Federal Agency: Department of the Interior

Bureau or Account: Departmental Offices

Funding amount: \$878,000,000

Period of availability: Funding available until expended (but portions made available by fiscal year)

Funding mechanism: Direct Federal spending, possibly Interagency Agreement(s), Cooperative Agreement(s), and Contract(s)

New program: No

Recipients: Federal Agencies, State agencies, Tribal Governments, And Businesses

Description: To protect vulnerable communities from wildfire while preparing our communities and natural landscapes for a changing climate, through hazardous fuels management strategies, including mechanical thinning, precommercial thinning in young stands, timber harvesting, prescribed fire, and installation of control locations such as fuel breaks.

Eligible uses: Mechanical thinning, prescribed fire, developing potential control locations, including fuelbreaks, contracting or employing laborers to remove flammable vegetation on Federal Lands, and additional fuels management activities.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Reforestation Trust Fund (Replant Act)

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$528,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: The Reforestation Trust Fund receives budgetary resources from periodic transfers by the U.S. Treasury of tariffs from imported wood products. The funds are used to reduce the backlog in reforestation and timber stand improvement work.

Eligible uses: Reforestation activities include site preparation for planting or seeding of the appropriate tree species, site preparation to encourage natural regeneration, and certification of acres naturally regenerated without the need for site preparation.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 70302



Hazardous Fuels Management

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$514,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: The Hazardous Fuels program prioritizes treating areas with high potential for damaging wildfires within the wildland-urban interface using a scenario planning tool to identify areas where there is high and very high wildfire hazard potential adjacent to communities. Working with community partners across boundaries allows the agency to leverage resources and work efficiently to reduce wildfire risk while creating resilient landscapes and encouraging fire-adapted communities.

Eligible uses: Projects that mitigate wildfire risk on hazardous fuels in high priority and high-risk areas around the Nation.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40803



Hazard Mitigation Revolving Loan Funds/Safeguarding Tomorrow through Ongoing Risk Mitigation (STORM) Act (Robert T Stafford Act, Sec 205)

Federal Agency: Department of Homeland Security

Bureau or Account: Federal Emergency Management Agency

Funding amount: \$500,000,000

Period of availability: Available for the next 5 fiscal years in tranches of \$100 million per fiscal year

Funding mechanism: Grants

New program: Yes

Recipients: A State (includes Puerto Rico and District of Columbia) or a Tribal Government that has received a major disaster declaration during the 5-year period ending on the date of enactment of the STORM Act.

Description: Capitalization grants to State and eligible Tribal governments for the establishment of revolving loan funds to provide hazard mitigation assistance to local governments.

Eligible uses: TBD

Federal cost share requirement: 90 percent Federal/10 percent Non-Federal; however, if a participating entity provides less than the 10 percent non-Federal share, the grant will be reduced to 10 times the non-Federal share provided by the participating entity

Statutory location: Division J, Title V



Watershed And Flood Prevention Operations

Federal Agency: Department of Agriculture

Bureau or Account: Natural Resources Conservation Service

Funding amount: \$500,000,000

Period of availability: Available until expended

Funding mechanism: Technical and Financial Assistance

New program: No

Recipients: Local Sponsor Or Legal Subdivision Of State Or Tribal Government. Eligible Sponsors Include Cities, Counties, Towns, Conservation Districts, Or Any Federally-Recognized Native American Tribe Or Tribal Organization.

Description: Provides planning, design and construction of measures that address resource concerns in a watershed.

Eligible uses: Flood Prevention, Watershed Protection, Public Recreation, Public Fish and Wildlife, Agricultural Water Management, Municipal and Industrial Water Supply, or Water Quality Management.

Federal cost share requirement: Varies. Waivers are available in some circumstances.

Statutory location: Division J, Title I



National Oceans and Coastal Security Fund

Federal Agency: Department of Commerce

Bureau or Account: National Oceanic and Atmospheric Administration

Funding amount: \$492,000,000

Period of availability: 2 years for each annual tranche

Funding mechanism: Grant

New program: No

Recipients: Non-Profit 501(C) Organizations, State And Territorial Government Agencies, Local Governments, Municipal Governments, Tribal Governments And Organizations, Educational Institutions, Or Commercial (For-Profit) Organizations

Description: The National Oceanic and Atmospheric Administration's National Oceans and Coastal Security Fund supports the National Coastal Resilience Fund which restores, increases and strengthens natural infrastructure to protect coastal communities while also enhancing habitats for fish and wildlife. Established in 2018, the National Coastal Resilience Fund invests in conservation projects that restore or expand natural features such as coastal marshes and wetlands, dune and beach systems, oyster and coral reefs, forests, coastal rivers and floodplains, and barrier islands that minimize the impacts of storms and other naturally occurring events on nearby communities.

Eligible uses: Established in 2018, the National Coastal Resilience Fund invests in conservation projects that restore or expand natural features such as coastal marshes and wetlands, dune and beach systems, oyster and coral reefs, forests, coastal rivers and floodplains, and barrier islands that minimize the impacts of storms and other naturally occurring events on nearby communities. Geographically, the National Coastal Resilience Fund funds will focus on coastal areas of U.S. coastal States, including the Great Lakes States, U.S. territories, and coastal Tribal lands. The additional funding will enable the National Coastal Resilience Fund to provide increased support for communities most vulnerable to climate impacts, including those who have been historically disadvantaged.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title II



Flood and Inundation Mapping and Forecasting, Water Modeling, and Precipitation Studies

Federal Agency: Department of Commerce

Bureau or Account: National Oceanic and Atmospheric Administration

Funding amount: \$492,000,000

Period of availability: 2 years for each annual tranche

Funding mechanism: Various

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally Recognized), Tribal Governments (Other Than Federally Recognized), Public Higher-Ed Institutions, Private Higher-Ed Institutions, Nonprofits With 501(C)(3) Status, Nonprofits.

Description: The National Oceanic and Atmospheric Administration will transform water prediction by delivering operational, continental-scale coastal and inland flood models and mapping capabilities. These capabilities include flood forecasts and projections that will provide actionable decision support services equitably delivered to communities across the nation.

Eligible uses: Coastal and inland flood and inundation mapping and forecasting and next-generation water modeling activities - including modernized precipitation frequency and probable maximum studies.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title II



Habitat Restoration

Federal Agency: Department of Commerce

Bureau or Account: National Oceanic and Atmospheric Administration

Funding amount: \$491,000,000

Period of availability: 2 years for each annual tranche

Funding mechanism: Grant

New program: No

Recipients: Non-Profit 501(c) Organizations, State And Territorial Government Agencies, Local Governments, Municipal Governments, Tribal Governments And Organizations, Educational Institutions, Or Commercial (For-Profit) Organizations.

Description: The National Oceanic and Atmospheric Administration's Office of Habitat Conservation will implement the habitat restoration funds through a competitive grants process with the purpose of restoring marine, estuarine, coastal, and Great Lakes ecosystem habitat as well as constructing or protecting ecological features that protect coastal communities from flooding or coastal storms.

Eligible uses: The National Oceanic and Atmospheric Administration's Office of Habitat Conservation protects and restores habitat to sustain fisheries, recover protected species, and maintain resilient coastal ecosystems and communities. Typical projects include removing dams and other barriers, reconnecting coastal wetlands, and rebuilding coral and oyster reefs. The Office of Habitat Conservation will provide technical assistance from project conception to completion and explore ways in which this funding can be used to support underserved communities.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title II



Federal Wildland Firefighter Salaries And Expenses

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$480,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: To address the increasing complexity and severity of fire years the Forest Service will create a more permanent workforce by converting no fewer than 1,000 seasonal wildland firefighters to wildland fire managers that are full-time, permanent and year-round while also holding responsibilities for reducing hazardous fuels on Federal land. Additionally in recognition of the significant risk and arduous duties of firefighters we will create a more competitive compensation package for wildland firefighters by increasing the base salary of Federal wildland firefighters.

Eligible uses: For firefighters that are located within a specified geographic area where it is difficult to recruit or to retain Federal wildland firefighters.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Continuing Authorities Program (Under Flood Control Act And River And Harbor Act)

Federal Agency: Department of Defense – Army Corps of Engineers

Bureau or Account: Corps of Engineers – Civil Works

Funding amount: \$465,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal

New program: No

Recipients: The Army Corps will use this funding to plan, design, and construct small water resources projects.

Description: Funds eligible small Army Corps projects, including \$115 million for restoring fish and wildlife passage.

Eligible uses: A variety of water resources projects which must meet program eligibility requirements, including a total Federal cost limit of ~\$10 million.

Federal cost share requirement: In general, unless otherwise specified in law:

- Section 14, Section 103, Section 205 and Section 206 projects are cost-shared 50 percent Federal/50 percent Non- Federal for feasibility studies and 65 percent Federal/35 percent Non- Federal for design and implementation
- Section 107 projects are cost-shared 50 percent Federal/50 percent Non- Federal for feasibility studies and at varied percentages based on harbor depth
- Section 204 projects are cost-shared 100 percent Federal/0 percent Non- Federal for feasibility studies and 65 percent Federal/35 percent Non- Federal for design and implementation
- Section 1135 projects are cost-shared 50 percent Federal/50 percent Non- Federal for feasibility studies and 75 percent Federal/25 percent Non- Federal for design and implementation
- Section 206 carveout and Water Resources Development Act 2020 Section 165(a) projects are cost-shared 100 percent Federal/0 percent Non-Federal for all project phases.

Statutory location: Division J, Title III



Hazardous Fuels (Mechanical Thinning And Timber Harvesting; Precommercial Thinning In Young Growth)

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$400,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: The Hazardous Fuels program prioritizes treating areas with high potential for damaging wildfires within the wildland-urban interface using a scenario planning tool to identify areas where there is high and very high wildfire hazard potential adjacent to communities. Working with community partners across boundaries allows the agency to leverage resources and work efficiently to reduce wildfire risk while creating resilient landscapes and encouraging fire-adapted communities.

Eligible uses: Projects that mitigate wildfire risk on hazardous fuels in high priority and high-risk areas around the Nation.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40803



Financial Assistance To Facilities That Purchase And Process Byproducts For Ecosystem Restoration Projects

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$400,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: States, Tribes

Description: This program is responsible for management of programs with authority to dispose of National Forest System timber and non-timber forest products harvested for commercial, personal, and Tribal uses.

Eligible uses: Focus areas include sale preparation, contract administration, purchaser suspension and debarment, special forest products, and related authorities and programs.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40804



Grants For States And Tribes For Voluntary Restoration

Federal Agency: Department of the Interior

Bureau or Account: Office of the Secretary

Funding amount: \$400,000,000

Period of availability: Funding is available until expended for the total amount across the entire Program (\$905 million), but portions of the total are allocated to specific fiscal years, each with a different period of availability.

Funding mechanism: Grant

New program: Yes

Recipients: State, Tribal

Description: Grant programs to States, territories of the United States, and Tribes for implementing voluntary restoration projects on private or public lands.

Eligible uses: Restoration projects on private or public lands

Federal cost share requirement: Grants for States and Tribes for voluntary restoration - In consultation with the Department of Agriculture, direction to request matching funding from State, territory, Tribe (no set amount or percent)

Statutory location: Division J, Title VI



Burned Area Recovery

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$325,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: The Forest Service Burned Area Rehabilitation program addresses threats to fish, wildlife and people downstream, that some fires create.

Eligible uses: Projects that provide emergency response to wildland-fire burned areas on National Forest System lands.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Department of Interior Wildfire Management - Burned Area Rehabilitation

Federal Agency: Department of the Interior

Bureau or Account: Departmental Offices

Funding amount: \$325,000,000

Period of availability: Funding available until expended (but portions made available by fiscal year)

Funding mechanism: Direct Federal spending, possibly Interagency Agreement(s), Cooperative Agreement(s), Contract(s)

New program: No

Recipients: Federal Agencies, Tribal Governments, and Businesses

Description: To mitigate the damaging effects of wildfires and set landscapes on a path towards natural recovery and climate resilience through post-fire restoration and rehabilitation activities.

Eligible uses: Post wildfire restoration activities that are implemented not later than 3-years after the date a wildfire is contained.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Colorado River Drought Contingency Plan

Federal Agency: Department of the Interior

Bureau or Account: Bureau of Reclamation

Funding amount: \$300,000,000

Period of availability: Available until expended

Funding mechanism: Financial Assistance

New program: No

Recipients: Open

Description: The Colorado River Basin Drought Contingency Plan aims to reduce the risk of Lake Mead and Lake Powell reaching critically low elevations. The DCP requires additional water savings contributions by Lower Basin States, allows for flexibility for water storage and recovery to incentivize conservation, requires Reclamation to implement programs designed to create or conserve additional water in the Lower Basin (subject to available appropriations), and provides for drought response operations and demand management in the Upper Basin.

Eligible uses: Colorado River Basin Drought Contingency Plan actions

Federal cost share requirement: TBD. Waivers are not available.

Statutory location: 40901



Emergency Watershed Protection Program

Federal Agency: Department of Agriculture

Bureau or Account: Natural Resources Conservation Service

Funding amount: \$300,000,000

Period of availability: Available until expended

Funding mechanism: Technical and Financial Assistance

New program: No

Recipients: Local sponsors representing owners, managers, and users of public, private, or Tribal lands are eligible for Emergency Watershed Protection Assistance if their watershed area has been damaged by a natural disaster.

Description: Provides for design and construction of measures to help repair damages from a recent disaster to safeguard life and property.

Eligible uses: Reduce threats to life or property by repairing severe soil erosion and impairments or restoring the hydraulic capacity to the natural environment in an economically/environmentally defensible & technically sound manner.

Federal cost share requirement: Yes (25 percent non-Federal). Waivers are available.

Statutory location: Division J, Title I



Flood Control and Coastal Emergencies

Federal Agency: Department of Defense – Army Corps of Engineers

Bureau or Account: Corps of Engineers – Civil Works

Funding amount: \$251,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal

New program: No

Recipients: The Army Corps will use this funding to prepare for, respond to, and help in the recovery following a flood, hurricane, or other natural disaster.

Description: Funds Army Corps preparedness measures, certain Army Corps operations during a flood, hurricane, or other natural disaster, and the repair of certain projects following such a natural disaster.

Eligible uses: Certain eligible work related to emergency preparedness, emergency operations, and recovery after a flood, hurricane, or other natural disaster.

Federal cost share requirement: Varies

Statutory location: Division J, Title III



Cybersecurity for the Energy Sector Research, Development, and Demonstration Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$250,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreement /Contract / Lab Calls

New program: Yes

Recipients: Utilities, National Labs, Manufacturers and Vendors

Description: To support development and deployment of advanced cyber applications, technologies, and threat collaboration efforts with the U.S. energy sector.

Eligible uses: Eligible uses include -- (A) to develop advanced cybersecurity applications and technologies for the energy sector; (B) to leverage electric grid architecture as a means to assess risks to the energy sector, including by implementing an all-hazards approach to communications infrastructure, control systems architecture, and power systems architecture; (C) to perform pilot demonstration projects with the energy sector to gain experience with new technologies; (D) to develop workforce development curricula for energy sector-related cybersecurity; and (E) to develop improved supply chain concepts for secure design of emerging digital components and power electronics.

Federal cost share requirement:

Statutory location: 40125

Note: This program was called 'Activities Under Cybersecurity For The Energy Sector Research, Development, And Demonstration Program' in previous versions of this Guidebook.



Rural And Municipal Utility Advances Cybersecurity Grant And Technical Assistance Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$250,000,000

Period of availability: Available until expended

Funding mechanism: Grant / Cooperative Agreement / Contract

New program: Yes

Recipients: Rural Electric Cooperatives, Municipally-Owned Electric Utilities, Other State-Owned Utilities, Small Investor-Owned Utilities

Description: To provide grants and technical assistance to, and enter into cooperative agreements with, eligible entities to protect against, detect, respond to, and recover from cybersecurity threats.

Eligible uses: (1) To deploy advanced cybersecurity technologies for electric utility systems; and (2) to increase the participation of eligible entities in cybersecurity threat information sharing programs.

Federal cost share requirement:

Statutory location: 40124



Aquatic Ecosystem Restoration And Protection Projects

Federal Agency: Department of the Interior

Bureau or Account: Bureau of Reclamation

Funding amount: \$250,000,000

Period of availability: Available until expended

Funding mechanism: Grant, Direct Federal Spending

New program: Yes

Recipients: Open

Description: The Aquatic Ecosystem restoration program is a new program currently under development. This funding will support design, study and construction of aquatic ecosystem restoration and protection projects.

Eligible uses: Projects that improve the health of fisheries, wildlife or aquatic habitat, including through habitat restoration, and improved fish passage through the removal or bypass of barriers to fish passage.

Federal cost share requirement: 35 percent for construction. Waivers are not available.

Statutory location: 40901



Prescribed Fires

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$250,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: The Hazardous Fuels program prioritizes treating areas with high potential for damaging wildfires within the wildland-urban interface using a scenario planning tool to identify areas where there is high and very high wildfire hazard potential.

Eligible uses: Projects that mitigate wildfire risk on hazardous fuels in high priority and high-risk areas around the Nation.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40803



Fuel Breaks

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$250,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: The Hazardous Fuels program prioritizes treating areas with high potential for damaging wildfires within the wildland-urban interface using a scenario planning tool to identify areas where there is high and very high wildfire hazard potential adjacent

Eligible uses: Projects on National Forest System lands at high-risk for catastrophic wildland fire.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40806



Capital Improvement And Maintenance - Legacy Road And Trail Remediation Program

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$250,000,000

Period of availability: Each annual tranche has a four-year period of availability

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: This program protects investments by decommissioning and repairing roads and trails to mitigate detrimental impacts to sensitive ecosystems and watersheds.

Eligible uses: Work that includes replacing or installing bridges and culverts (or low-water trail crossings), addressing public safety of roads and trails, restoring unneeded roads and trails to a more natural State, addressing storm-damaged areas, and removing or replacing pipes and other structures that restrict or prevent fish and other aquatic organisms from reaching their traditional habitat.

Federal cost share requirement: Varies. Waivers are not available.

Statutory location: Division J, Title VI



Department of Interior Wildfire Management - Preparedness

Federal Agency: Department of the Interior

Bureau or Account: Departmental Offices

Funding amount: \$245,000,000

Period of availability: Funding available until expended (but portions made available by fiscal year)

Funding mechanism: Direct Federal spending, possibly Interagency Agreement(s), Cooperative Agreement(s) and/or Grant(s), possibly Contract(s)

New program: No

Recipients: Federal Agencies, State agencies, Counties, Cities/Townships, Tribal Governments, and Possibly Businesses

Description: The Preparedness Program funds a range of actions that helps the Federal government prepare to respond to wildland fire. These include hiring people, training them, tracking their qualifications, and planning our wildland fire response ahead of time. It also provides for the purchasing of equipment for early wildfire detection, real-time monitoring and radios to support interoperability with interagency partners; financial assistance to local communities to purchase slip-on tanks; and increases in firefighter pay and other firefighter workforce reforms.

Eligible uses: To increase the compensation and number of Federal wildland firefighters to build a permanent, year-round workforce; increase the Nation's preparedness to fight wildfires through satellite detection and the procurement and placement of early-warning wildfire detection and real-time monitoring equipment; improve radio interoperability; increase training of youth, including Native youth, to accelerate the pace and scale of hazardous fuels treatments; and to provide financial assistance to local governments to purchase slip-on tanker units to ready trucks for firefighting.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Hazardous Materials and Emergency Preparedness Grants

Federal Agency: Department of Transportation

Bureau or Account: Pipeline and Hazardous Materials Safety Administration

Funding amount: \$234,125,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: States, Counties, Territories, Tribes, Cities / Townships, Businesses (Not for Profit), Emergency Response Organizations, and Hazardous Materials Enforcement Organizations.

Description: The Hazardous Materials and Emergency Preparedness Grants Programs consist of the following grants: Hazardous Materials Emergency Preparedness; Assistance for Local Emergency Response Training; Hazardous Materials Instructor Training; and Supplemental Public Sector Training. Programs also include the publication of the Hazardous Materials Emergency Response Guidebook and other outreach and training.

Eligible uses: To develop, improve, and carry out emergency plans including ascertaining flow patterns of hazardous material; to decide on the need for regional hazardous material emergency response teams; to train public-sector employees to respond to accidents and incidents involving hazardous material; and to train hazardous materials safety employees to become instructors to extend the reach of hazardous materials training.

Federal cost share requirement: Some grants have a cost share requirement of 20 percent. Waivers are available.

Statutory location: 26001

Note: This program was called 'Emergency Preparedness Grants' in previous versions of this Guidebook.



Coastal Zone Management

Federal Agency: Department of Commerce

Bureau or Account: National Oceanic and Atmospheric Administration

Funding amount: \$207,000,000

Period of availability: 2 years for each annual tranche

Funding mechanism: Grant

New program: No

Recipients: States (Includes District Of Columbia, Public Institutions Of Higher Education, And Hospitals); U.S. Territories And Possessions; U.S. Territories And Possessions (Includes Institutions Of Higher Education And Hospitals); State; Any Coastal State.

Description: The National Oceanic and Atmospheric Administration's Office for Coastal Management will implement these funds through Coastal Zone Management competitive and noncompetitive grants. The purpose of these funds is to restore and protect coastal ecosystems through direct investment by coastal States and territories in ecologically significant habitats.

Eligible uses: The Coastal Zone Management Act established a national system of State and territorial Coastal Zone Management Programs. These Programs work with coastal States and territories to address urgent coastal issues including climate change, ocean planning, and planning for energy facilities and development. This funding will enable approved coastal programs to protect and restore ecologically significant habitats, including conserving lands that play a critical role in helping communities become more resilient to natural hazards such as storms, flooding, inundation, erosion, tsunamis, sea level rise, and lake level changes.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title II



Water-Related Environmental Infrastructure Assistance

Federal Agency: Department of Defense – Army Corps of Engineers

Bureau or Account: Corps of Engineers – Civil Works

Funding amount: \$200,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal

New program: No

Recipients: In partnership with State, local, and Tribal governments, the Army Corps would use funding to construct Federally authorized environmental infrastructure projects.

Description: The program funds engineering and construction of authorized environmental infrastructure projects which provides safe water supply, waste disposal, and pollution control to cities and towns to protect human health and safeguard the environment.

Eligible uses: Authorized environmental infrastructure projects

Federal cost share requirement: In general, unless otherwise specified in law, projects are cost shared 50 percent Federal, 50 percent non-Federal.

Statutory location: Division J, Title III



Ecosystem - Fish Passage

Federal Agency: Department of the Interior

Bureau or Account: United States Fish and Wildlife Service

Funding amount: \$200,000,000

Period of availability: Available until expended

Funding mechanism: Grant, Direct Federal Spending

New program: No

Recipients: Open

Description: For the removal of barriers and for technical assistance under the National Fish Passage Program. The National Fish Passage Program is an existing program that relies on a network of U.S. Fish and Wildlife Service biologists and engineers stationed throughout the country.

Eligible uses: Funds will be distributed through a combination of competitive contracts, Tribal grants and other grants, and cooperative agreements.

Federal cost share requirement: Yes

Statutory location: Division J, Title VI



Joint Chiefs Landscape Restoration Partnership Program

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$180,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal spending.

New program: No

Recipients:

Description: Department of Agriculture's Forest Service and Natural Resources Conservation Service are working together to improve the health of forests where public forests and grasslands connect to privately owned lands. Through the Joint Chiefs' Landscape Restoration Partnership, the two Department of Agriculture agencies are restoring landscapes, reducing wildfire threats to communities and landowners, protecting water quality, and enhancing wildlife habitat.

Eligible uses: Projects that mitigate wildfire risk, improve water quality, and restore healthy forest ecosystems on public and private lands.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40808



Ecosystem - Klamath Basin

Federal Agency: Department of the Interior

Bureau or Account: United States Fish and Wildlife Service

Funding amount: \$162,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreement, Direct Federal Spending

New program: No

Recipients: Open

Description: Funding provided will be allocated for habitat restoration and water right acquisition to help restore the Klamath ecosystem, as well as for enhanced hatchery production of listed Klamath species (Lost River and shortnose suckers).

Eligible uses: Funds will be distributed through a combination of competitive contracts, Tribal grants and other grants, and cooperative agreements.

Federal cost share requirement:

Statutory location: Division J, Title VI



Regulatory Program

Federal Agency: Department of Defense – Army Corps of Engineers

Bureau or Account: Corps of Engineers – Civil Works

Funding amount: \$160,000,000

Period of availability: 2022 - 2026

Funding mechanism: Direct Federal

New program: No

Recipients: Army Corps permitting activities.

Description: Provides funds to administer the laws and regulations pertaining to activities affecting U.S. waters, including wetlands, in accordance with the Rivers and Harbors Appropriation Act of 1899, the Clean Water Act of 1972, and the Marine Protection, Research and Sanctuaries Act of 1972. Additionally, it reviews and processes permit applications, ensures compliance on permitted sites, and protects important aquatic resources.

Eligible uses: Labor and related expenses for Army Corps staff.

Federal cost share requirement: No cost share requirement. Applicants can elect to pay a fee for permitting.

Statutory location: Division J, Title III



Restoration Projects Via States And Tribes

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$160,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: States, Tribes

Description: This program is responsible for management of programs with authority to dispose of National Forest System timber and non-timber forest products harvested for commercial, personal, and Tribal uses.

Eligible uses: Focus areas include sale preparation, contract administration, purchaser suspension and debarment, special forest products, and related authorities and programs.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40803



Ecological Health Restoration Contracts

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$150,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: This program is responsible for issuing contracts for management of programs with authority to dispose of National Forest System timber and non-timber forest products harvested for commercial, personal, and Tribal uses.

Eligible uses: Focus areas include sale preparation, contract administration, purchaser suspension and debarment, special forest products, and related authorities and programs.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40804



Tribal Climate Resilience - Community Relocation

Federal Agency: Department of the Interior

Bureau or Account: Bureau of Indian Affairs

Funding amount: \$130,000,000

Period of availability: Available until expended

Funding mechanism: Contract/Compact

New program: Yes

Recipients: Tribal Governments - Recognized

Description: Implementation of Community Relocation, Managed Retreat, or Protect-in-Place Actions to increase climate resilience.

Eligible uses: Funds are designed to support Tribes facing questions and decisions regarding managed retreat, expansion, protect-in-place, and relocation options due to threats from intensifying coastal or riverine erosion, flooding and permafrost degradation impacts, sea level rise, and other impacts. Assessment, monitoring, planning, design, and implementation (of actions identified in existing planning documents or with appropriate baseline data) are allowable. Activities should address climate change impacts which affect the viability of infrastructure and other resources at risk. Examples of planning activities can include vulnerability and risk assessments, design of expansion, protect-in-place or relocation activities; analysis of options; development of Tribal community mitigation efforts; design of emergency drills and exercises, and more.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Ocean And Coastal Observing Systems

Federal Agency: Department of Commerce

Bureau or Account: National Oceanic and Atmospheric Administration

Funding amount: \$100,000,000

Period of availability: 2 years for each annual tranche

Funding mechanism: Various

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally Recognized), Tribal Governments (Other Than Federally Recognized), Independent School Districts, Public Higher-Ed Institutions, Private Higher-Ed Institutions, Nonprofits, internal.

Description: The National Oceanic and Atmospheric Administration will support and enhance various critical observing systems in the ocean, coasts, and Great Lakes. Many of the National Oceanic and Atmospheric Administration's observing systems have been operating for decades and require investment to maintain reliability as well as expand geographic coverage.

Eligible uses: This funding will support a number of projects including refurbishments and technology upgrades of observing infrastructure in the U.S. Integrated Ocean Observing Systems Regional Associations, support for the National Water Level Observation Network, design engineering for Airborne Phased Array Radar, and ship time for deployment and system verification of the new capitalized Tropical Atmosphere-Ocean moorings.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title II



Cyber Response and Recovery Fund

Federal Agency: Department of Homeland Security

Bureau or Account: Cybersecurity and Infrastructure Security Agency

Funding amount: \$100,000,000

Period of availability: 5 year

Funding mechanism: Contract, Grant, Cooperative Agreement

New program: Yes

Recipients: Federal, State, Local, Tribal, and Territorial, Public, and private sector entities

Description: This fund is a provision of the Cyber Response and Recovery Act (Section 70601 of the Bipartisan Infrastructure Law). It is based on a Cyberspace Solarium Commission recommendation, and at a high level, is a cyber Stafford Act which also establishes a fund (the Cyber Response and Recovery Fund) that the Cybersecurity and Infrastructure Security Agency can tap into in the event of a significant cyber incident when other resources are insufficient.

Eligible uses: Coordinate asset response activities and engage in response and recovery activities, including grants or cooperative agreements in response to significant cyber incidents.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 70601



Multi-Benefit Projects To Improve Watershed Health

Federal Agency: Department of the Interior

Bureau or Account: Bureau of Reclamation

Funding amount: \$100,000,000

Period of availability: Available until expended

Funding mechanism: Financial Assistance

New program: Yes

Recipients: Open

Description: Implementation of this new authority for funding of Multi-benefit Habitat projects to improve watershed health is currently under development. This funding will be allocated to projects that support habitat restoration and watershed health in basins impacted by a Reclamation project.

Eligible uses: Habitat restoration, and improvement of watershed health in basins impacted by a Reclamation project

Federal cost share requirement: 50 percent. Waivers are not available.

Statutory location: 40901



Removal Of Vegetation For Biochar And Innovative Wood Products

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$100,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: This program, through contracting or employing crews of laborers, supports the modification and removal of flammable vegetation on Federal land and for using materials from treatments, to the extent practicable, to produce biochar and other innovative products, including through the use of locally based organizations that engage young adults, Native youth, and veterans in service projects, such as youth and conservation corps.

Eligible uses: To be determined.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40803



Collaborative Forest Landscape Restoration Program

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$100,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: The Collaborative Forest Landscape Restoration Program uses collaborative, science-based approaches to enhance forest and watershed health, reduce risk from uncharacteristic wildfire, and provide benefits to rural economies.

Eligible uses: With its focused investment on priority landscapes, partner capacity, and community support, Collaborative Forest Landscape Restoration Program projects are expanding the pace and scale of treatments that reduce the risk of widespread, high-mortality fires.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40803



Post-Fire Restoration

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$100,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: The Burned Area Recovery program will provide restoration activities on wildfire affected areas within three years after the date that a wildland fire is contained.

Eligible uses: Areas on National Forest System lands severely burned by wildland fire.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40803



Pollution Prevention Grants

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$100,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: States, Tribes, State-Sponsored Institutions, Tribal Institutions

Description: Grantees deliver technical assistance to businesses – including those communities with environmental justice concerns – to identify and adopt source reduction practices and technologies that benefit businesses, communities, and local economies. Pollution Prevention means reducing or eliminating pollutants from entering any waste stream or otherwise being released into the environment prior to recycling, treatment, or disposal.

Eligible uses: Specific technical assistance available to businesses seeking information about source reduction opportunities, including funding for experts to provide on-site technical advice to businesses and to assist in the development of source reduction plans; targeted assistance to businesses for whom lack of information is an impediment to source reduction; or training in source reduction techniques (where such training may be provided through local engineering schools or other appropriate means).

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Restore Native Vegetation On Federal/Non-Federal Land

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$100,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: This program ensures the productive and sustainable use of National Forest System lands by improving the condition and health of forest and rangeland vegetation, controlling the spread of invasive species, sustaining soil productivity, reducing the risk of severe flooding and erosion in areas affected by severe fire, and maintaining water quality.

Eligible uses: Restoration carried out on National Forest System Lands and identified using the Watershed Condition Framework.

Federal cost share requirement: Varies. Waivers are not available.

Statutory location: 40804



Forest Health Management on Federal Lands Program and Forest Health Management on Cooperative Lands Program

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$100,000,000

Period of availability: Each annual \$20 million tranche has a four-year period of availability

Funding mechanism: Direct Federal Spending and Grants Non-Federal

New program: No

Recipients: States, Tribes, And Other Federal Agencies

Description: The Forest Health Management on Federal Lands program helps the National Forest System and other actively managed Federal lands to suppress forest insects and diseases. Forest Health Management on Federal Lands' work includes technical assistance, suppression on non-Federal lands. The program helps State agencies create more fire-adapted communities by implementing pre-fire prevention and mitigation programs and emphasizing pre-fire planning and risk reduction in the Wildland Urban Interface. The program funds important training in safer initial attack responses to wildfire that are also effective. Additionally, the program improves capacity to assist other Federal, State, and local agencies in aiding communities affected by fire and non-fire emergencies, such as hurricanes and floods.

Eligible uses: Conduct surveys to detect and appraise insect infestations and disease conditions; Determine the biological, chemical, and mechanical measures necessary to prevent, retard, control, or suppress incipient, potential, threatening, or emergency insect infestations and disease conditions affecting trees; Plan, organize, direct, and perform measures necessary to prevent, retard, control, or suppress incipient, potential, threatening, or emergency insect infestations and disease epidemics affecting trees; Provide technical information, advice, and related assistance on the various techniques available to maintain a healthy forest; Develop applied technology and conduct pilot tests of research results prior to the full-scale application of such technology in affected forests; Promote the implementation of appropriate silvicultural or management techniques that may improve or protect the health of the forests of the United States.

Federal cost share requirement: Yes. Waivers are available.

Statutory location: Division J, Title VI



Capital Improvement And Maintenance - Construction And Maintenance Of Roads For Forest Restoration Projects That Reduce Wildfire Risk

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$100,000,000

Period of availability: Each annual tranche has a four-year period of availability

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: This program administers an extensive transportation network that is vital to the agency's mission to sustain the health, diversity, and productivity of national forest lands.

Eligible uses: Construction of temporary roads or reconstruction and maintenance of roads to facilitate forest restoration and management projects that reduce wildfire risk.

Federal cost share requirement: Varies. Waivers are not available.

Statutory location: Division J, Title VI



Working Capital Fund

Federal Agency: Department of the Interior

Bureau or Account: Office of the Secretary

Funding amount: \$100,000,000

Period of availability: Funding available until expended for total amount across entire Program (\$905 million), but portions of the total are allocated to specific fiscal years, each with a different period of availability

Funding mechanism: Working Capital Fund

New program: Yes

Recipients: Federal, State, Local, Tribal, Non-Governmental Organization

Description: Working Capital Fund in support of contracts to restore ecological health on Federal lands

Eligible uses: Establishing a Working Capital Fund that may be accessed by the Secretary of the Interior or the Secretary of Agriculture to fund requirements of contracts to restore ecological health on Federal lands.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40804



Direct Federal Spending For Invasives

Federal Agency: Department of the Interior

Bureau or Account: Office of the Secretary

Funding amount: \$100,000,000

Period of availability: Funding available until expended for total amount across entire Program (\$905 million), but portions of the total are allocated to specific fiscal years, each with a different period of availability

Funding mechanism: Grant, Direct Federal Spending

New program: Yes

Recipients: State, Tribal

Description: Funding for invasive species detection, prevention, and eradication on private or public lands.

Eligible uses: Projects and programs for invasive species detection, prevention, and eradication, including conducting research and providing resources to facilitate detection of invasive species at points of entry and awarding grants for eradication of invasive species on non-Federal land and on Federal land.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40804



State Fire Assistance

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$88,000,000

Period of availability: Each annual \$17.6 million tranche has a four-year period of availability

Funding mechanism: Grant, Financial Assistance, Technical Assistance

New program: No

Recipients: Community And State (Primary Partners Including National Association of State Foresters And State Forestry Agencies)

Description: Through the State Fire Assistance program, the Forest Service supports and assists State Foresters and local communities in building capacity for wildfire prevention, mitigation, control, and suppression on non-Federal lands. The program helps State agencies create more fire-adapted communities by implementing pre-fire prevention and mitigation programs and emphasizing pre-fire planning and risk reduction in the Wildland Urban Interface. The program funds important training in safer initial attack responses to wildfire that are also effective. Additionally, the program improves capacity to assist other Federal, State, and local agencies in aiding communities affected by fire and non-fire emergencies, such as hurricanes and floods

Eligible uses: Supporting States and local communities.

Federal cost share requirement: Yes. Waivers are available.

Statutory location: Division J, Title VI



Tribal Climate Resilience - Adaptation Planning

Federal Agency: Department of the Interior

Bureau or Account: Bureau of Indian Affairs

Funding amount: \$86,000,000

Period of availability: Available until expended

Funding mechanism: Contract/Compact

New program: No

Recipients: Tribal Governments - Recognized

Description: Tribal Climate Adaptation programs provide support for climate resilient planning to help sustain Tribal ecosystems and natural and cultural resources, economies, infrastructure, human health, and safety.

Eligible uses: Funds may be used for trainings and workshops, vulnerability and risk assessment, supplementary monitoring for climate-related decision-making, scoping efforts, adaptation planning, travel support, ocean and coastal management planning, capacity building for adaptation planning, relocation, managed retreat, or protect-in-place assessment, planning, and design; and internships and youth engagement. Funding is not for routine monitoring programs or research.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Research Supercomputing

Federal Agency: Department of Commerce

Bureau or Account: National Oceanic and Atmospheric Administration

Funding amount: \$80,000,000

Period of availability: 3 years

Funding mechanism: Contract, Cooperative Agreement

New program: No

Recipients: Public Higher-Ed Institutions, Federal Partners, Businesses

Description: National Oceanic and Atmospheric Administration's Research and Development High Performance Computing funds will be used to provide computational resources to support and advance environmental modeling crucial for understanding critical Earth systems.

Eligible uses: The research supercomputing plan will be prioritized across the focus areas of weather and climate model development to improve drought, flood, and wildfire prediction, detection, and forecasting. Funds will support high performance computing systems, associated storage devices, advanced data communications hardware and software engineering services, security, and necessary data center space.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title II



Water Infrastructure Finance and Innovation Program Account

Federal Agency: Department of Defense – Army Corps of Engineers

Bureau or Account: Corps of Engineers – Civil Works

Funding amount: \$75,000,000 *Including \$64 million for loans and \$11 million for administration of the program.*

Period of availability: Available until expended

Funding mechanism: Credit Assistance

New program: Yes

Recipients: State, local government, public utility, or private primary owners of dams identified in the National Inventory of Dams, where the Federal Government is not a joint owner (pursuant to PL 116-260; Water Resources Reform and Development Act 2014, as amended; and 85 FR 39189).

Description: Federal credit program to provide credit assistance to creditworthy borrowers for projects to maintain, upgrade, and repair dams identified in the National Inventory of Dams owned by non-Federal entities.

Eligible uses: All qualifying non-Federal dam safety projects under the Army Corps Water Infrastructure Finance and Innovation Program Account program.

Federal cost share requirement:

Statutory location: Division J, Title III



Revegetation Effort to Implement National Seed Strategy

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$70,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: The National Seed Strategy, developed in partnership with the Plant Conservation Alliance and the U.S. Department of Agriculture, guides ecological restoration across major landscapes, especially those lands damaged by rangeland fires, invasive species, severe storms, and drought.

Eligible uses: Revegetation of disrupted areas on National Forest System lands.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40804



Direct Federal Spending (Or Other) For National Revegetation Strategy

Federal Agency: Department of the Interior

Bureau or Account: Office of the Secretary

Funding amount: \$70,000,000

Period of availability: Funding available until expended for total amount across entire Program (\$905 million), but portions of the total are allocated to specific fiscal years, each with a different period of availability

Funding mechanism: Direct Federal Spending

New program: Yes

Recipients: Federal

Description: Funding to implement a national revegetation effort on private and public lands

Eligible uses: Programs and projects to implement a national revegetation effort on Federal and non-Federal lands, including to implement the National Seed Strategy for Rehabilitation and Restoration.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Critical Infrastructure Security and Resilience Research

Federal Agency: Department of Homeland Security

Bureau or Account: Science and Technology

Funding amount: \$69,806,250

Period of availability: 5 Year

Funding mechanism: Contract

New program: Yes

Recipients: May include but not limited to: Academia/Centers of Excellence, Industry (Small Business Innovation Research), Department of Energy National Labs, and Federal Funded Research and Development Centers.

Description: This program oversees activities performed under the Infrastructure Act and reports to Congress on the progress of Critical Infrastructure Security and Resilience Research program's research and development activities.

Eligible uses: Planning tools for special event risk assessments rating. Electromagnetic pulse and geo-magnetic disturbance resilience capabilities. Positioning, navigation, and timing capabilities. Public safety and violence prevention to evaluate "soft target" security, including countering improvised explosive device events and protection of U.S. critical infrastructure. Research supporting security testing capabilities relating to telecommunications equipment, industrial control systems, and open-source software.

Federal cost share requirement:

Statutory location:



National Seed Strategy

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$60,000,000

Period of availability: Each annual \$12 million tranche has a four-year period of availability

Funding mechanism: Grants - non Federal

New program: Yes

Recipients: State, Tribe, Local Units Of Government, Non-Government Organizations

Description: Under development

Eligible uses: Under development

Federal cost share requirement: TBD

Statutory location: 40804



Wildfire

Federal Agency: Department of Commerce

Bureau or Account: National Oceanic and Atmospheric Administration

Funding amount: \$50,000,000 *for fiscal year fiscal year 2022*

Period of availability: 2 years

Funding mechanism: Various

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally Recognized), Tribal Governments (Other Than Federally Recognized), Public Higher-Ed Institutions, Private Higher-Ed Institutions, Nonprofits With 501(C)(3) Status, Nonprofits

Description: These funds will be used to support wildfire prediction, detection, observation, modeling, and forecasting. The National Oceanic and Atmospheric Administration will also engage the broader wildland fire weather community and stakeholders through grants, workshops, and a few Fire Weather Testbeds.

Eligible uses: The National Oceanic and Atmospheric Administration will work with partners to improve weather, smoke, and fire behavior forecasts in order to give firefighters on the ground and in the air and first responders detection capabilities to keep communities safe. National Oceanic and Atmospheric Administration will provide information for improved risk management and resource planning and research into the impact of fires on air quality and health in order to improve community preparation for and resilience to fire. National Oceanic and Atmospheric Administration will also advance innovations in fire weather science through research, modeling, and testing.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title II



Wildfire

Federal Agency: Department of Commerce

Bureau or Account: National Oceanic and Atmospheric Administration

Funding amount: \$50,000,000

Period of availability: 3 years

Funding mechanism: Various

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally Recognized), Tribal Governments (Other Than Federally Recognized), Public Higher-Ed Institutions, Private Higher-Ed Institutions, Nonprofits With 501(C)(3) Status

Description: These funds will be used to support wildfire prediction, detection, observation, modeling, and forecasting.

Eligible uses: The National Oceanic and Atmospheric Administration will procure mission-critical infrastructure, advanced operational systems, and accelerate the development and delivery of fire weather decision support tools, cloud-based software, and dissemination services.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title II



Ocean And Coastal Observing Systems

Federal Agency: Department of Commerce

Bureau or Account: National Oceanic and Atmospheric Administration

Funding amount: \$50,000,000

Period of availability: 3 years

Funding mechanism: Various

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally Recognized), Tribal Governments (Other Than Federally Recognized), Independent School Districts, Public Higher-Ed Institutions, Private Higher-Ed Institutions, Nonprofit

Description: The National Oceanic and Atmospheric Administration will support and enhance two critical ocean observing systems.

Eligible uses: National Oceanic and Atmospheric Administration will modernize two critical ocean observing systems: The Tropical Atmosphere Ocean array in the equatorial Pacific and the Deep-ocean Assessment and Reporting of Tsunami network.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title II



Preplanning Fire Response Workshops And Workforce Training

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$50,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: Yes

Recipients: Forest Service Funding

Description: The Forest Service will conduct pre-planning fire response workshops that develop Potential Operational Delineations and select potential control locations and workforce training for staff, non-Federal firefighters, and Native village fire crews.

Eligible uses: To conduct workshops and develop potential operational delineations

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40803



Energy Sector Operational Support for Cyber Resilience Program

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$50,000,000

Period of availability: Available until expended

Funding mechanism: National Laboratory Funding

New program: Yes

Recipients: Small Electric Utilities, National Labs

Description: To support a program to build energy sector operational support for cyber resilience.

Eligible uses: Enhance and periodically test the emergency response capabilities of the Department and the coordination of the Department with other agencies, the National Laboratories, and private industry; Expand cooperation of the Department with the intelligence community for energy sector-related threat collection and analysis; Enhance the tools of the Department and Electricity Information Sharing and Analysis Center for monitoring the status of the energy sector; Expand industry participation in Electricity Information Sharing and Analysis Center; and Provide technical assistance to small electric utilities for purposes of assessing and improving cyber maturity levels and addressing gaps identified in the assessment.

Federal cost share requirement: TBD

Statutory location: 40125



Advanced Energy Security Program

Federal Agency: Department of Energy
Bureau or Account: Energy Programs

Funding amount: \$50,000,000

Period of availability: Available until expended

Funding mechanism: Interagency Agreement with Commerce, National Laboratory funding

New program: Yes

Recipients: Utilities, National Labs, Bulk Power System Vendors

Description: To increase the functional preservation of electric grid operations or natural gas and oil operations in the face of threats and hazards.

Eligible uses: (A) Develop capabilities to identify vulnerabilities and critical components that pose major risks to grid security if destroyed or impaired;(B) provide modeling at the national level to predict impacts from natural or human-made events;(C) add physical security to the cybersecurity maturity model;(D) conduct exercises and assessments to identify and mitigate vulnerabilities to the electric grid, including providing mitigation recommendations;(E) conduct research on hardening solutions for critical components of the electric grid;(F) conduct research on mitigation and recovery solutions for critical components of the electric grid; and(G) provide technical assistance to States and other entities for standards and risk analysis.

Federal cost share requirement: TBD

Statutory location: 40125



Colorado River Endangered Species Recovery and Conservation Programs

Federal Agency: Department of the Interior

Bureau or Account: Bureau of Reclamation

Funding amount: \$50,000,000

Period of availability: Available until expended

Funding mechanism: Financial Assistance

New program: No

Recipients: Open

Description: The Colorado River Basin Endangered Species and Conservation programs support the Upper Colorado River Endangered Fish and San Juan River Basin Recovery Implementation Programs and the Glen Canyon Dam Adaptive Management Program in the Upper Colorado Basin.

Eligible uses: Endangered Species Act actions in Colorado River Basin

Federal cost share requirement: TBD. Waivers are not available.

Statutory location: 40901



Ecosystem - Sagebrush-Steppe

Federal Agency: Department of the Interior

Bureau or Account: United States Fish and Wildlife Service

Funding amount: \$50,000,000

Period of availability: Available until expended

Funding mechanism: Grant, Cooperative Agreement, Direct Federal Spending

New program: No

Recipients: Open

Description: To conserve the sagebrush ecosystem of the American West and the nationally-significant biological, cultural and economic resources it supports.

Eligible uses: Funds will be distributed through a combination of competitive contracts, Tribal grants and other grants, and cooperative agreements.

Federal cost share requirement: Yes

Statutory location: Division J, Title VI



Contracts And Agreements For Restoration On Federal Lands

Federal Agency: Department of the Interior

Bureau or Account: Office of the Secretary

Funding amount: \$50,000,000

Period of availability: Funding available until expended for total amount across entire Program (\$905 million), but portions of the total are allocated to specific fiscal years, each with a different period of availability

Funding mechanism: Contracts and Agreements

New program: Yes

Recipients: Federal, State, Local, Tribal, Non-governmental Organizations

Description: Contracts for ecological health restoration, to be enacted on no fewer than 10,000 acres of Federal land, including Indian forest land or rangeland

Eligible uses: Entering into contracts, including stewardship contracts or agreements, to restore ecological health on Federal land, including Indian forest land or rangeland and for salaries and expenses associated with preparing and executing those contracts.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Flood Plain Management Services

Federal Agency: Department of Defense – Army Corps of Engineers
Bureau or Account: Corps of Engineers – Civil Works

Funding amount: \$45,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal

New program: No

Recipients: Funds certain technical assistance provided by the Army Corps

Description: The Army Corps provides site-specific flood and flood plain data and assistance to States, Tribes, and local communities.

Eligible uses: Labor and related work performed by the Army Corps.

Federal cost share requirement: In general, unless otherwise specified in law, projects are 100 percent Federally funded.

Statutory location: Division J, Title III



To Complete Or Initiate And Complete Studies That Were Authorized Prior To The Date Of This Act

Federal Agency: Department of Defense – Army Corps of Engineers

Bureau or Account: Corps of Engineers – Civil Works

Funding amount: \$45,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal

New program: No

Recipients: In partnership with State, local, and Tribal governments, the Army Corps would use funding to conduct feasibility studies of potential future water resources projects and design and engineering work for eligible water resources projects.

Description: Funds studies to determine the engineering, economic feasibility of potential solutions to water and related land resources problems as well as preconstruction engineering and design

Eligible uses: Authorized studies and pre-construction engineering and design work of authorized projects.

Federal cost share requirement: In general, unless otherwise specified in law, studies are cost shared 50 percent Federal, 50 percent non-Federal.

Statutory location: Division J, Title III



Direct Federal Spending For Resilient Recreation Sites

Federal Agency: Department of the Interior

Bureau or Account: Office of the Secretary

Funding amount: \$45,000,000

Period of availability: Funding is available until expended for total amount across entire Program (\$905 million), but portions of the total are allocated to specific fiscal years, each with a different period of availability.

Funding mechanism: Direct Federal Spending

New program: Yes

Recipients: Federal

Description: Funding to improve resilience of recreation sites on Federal lands, including Indian forest or range lands.

Eligible uses: Projects to restore, prepare, or adapt recreation sites on Federal land that have experienced or may likely experience visitation and use beyond the carrying capacity of the sites.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Physical Security

Federal Agency: Department of Homeland Security

Bureau or Account: Science and Technology

Funding amount: \$38,800,000

Period of availability: Five Year

Funding mechanism: Contract

New program: No

Recipients: May include but not limited to: Academia/Centers of Excellence, Industry (Small Business Innovation Research), Department of Energy National Labs, and Federal Funded Research and Development Centers.

Description: Provides a layered and integrated capability to safely screen for potential threat items in unstructured crowds within soft-target venues and crowded spaces without impact to the speed of travel while maintaining individual privacy.

Eligible uses: Public safety and violence prevention to evaluate "soft target" security, including countering improvised explosive device events and protection of U.S. critical infrastructure.

Federal cost share requirement:

Statutory location:



Sector Risk Management Agencies

Federal Agency: Department of Homeland Security

Bureau or Account: Cybersecurity and Infrastructure Security Agency

Funding amount: \$35,000,000

Period of availability: Five Year

Funding mechanism: Contract

New program: No

Recipients: Federal (Department of Homeland Security/ Cybersecurity and Infrastructure Security Agency)

Description: The requested funding will allow the Cybersecurity and Infrastructure Security Agency to sustain coordinated support for Sector Risk Management Agencies across the Federal government, cultivating sector-specific expertise within the agency.

Eligible uses: First, the Cybersecurity and Infrastructure Security Agency will execute and sustain its capacity to effectively conduct and oversee cross-sector governance, management, administrative, and performance measurement initiatives in support of Cybersecurity and Infrastructure Security Agency's national cross-sector coordination role. These capabilities will expand Cybersecurity and Infrastructure Security Agency's capacity to serve as a cross-sector focal point for cybersecurity, infrastructure security, emergency communications, and risk management for all critical infrastructure sectors. This effort will also provide the national critical infrastructure community the capability and expertise to track progress towards collective outcomes and national priorities. Second, the Cybersecurity and Infrastructure Security Agency will execute and sustain risk analytic and risk management support across all sixteen critical infrastructure sectors to bolster both insight into cross-sector risk and significant risk issues within high priority sectors such as Communications and Information Technology. These expanded risk activities will allow the Cybersecurity and Infrastructure Security Agency to routinely assess the risk present within and across sectors and enable prioritization and identification of focused risk management initiatives supporting real, tangible risk reduction outcomes. Third, the Cybersecurity and Infrastructure Security Agency will maintain the process and cycle for collecting sector-specific critical infrastructure information from Sector Risk Management Agencies. This supports both the development of critical infrastructure intake, taxonomy and data stewardship processes and procedures, and a unified Sector Risk Management Agencies approach to characterizing risk mitigation vulnerability countermeasures guidance that Sector Risk Management Agencies and Cybersecurity and Infrastructure Security Agency produce.

Federal cost share requirement: No non-Federal cost share required

Statutory location:



Planning Assistance To States

Federal Agency: Department of Defense – Army Corps of Engineers

Bureau or Account: Corps of Engineers – Civil Works

Funding amount: \$30,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal

New program: No

Recipients: Funds certain planning and technical assistance provided by the Army Corps.

Description: The Army Corps provides planning and technical assistance to States, Tribes, and local communities to address water resource issues and related work.

Eligible uses: Labor and related work performed by the Army Corps.

Federal cost share requirement: In general, unless otherwise specified in law, projects are cost shared 50 percent Federal, 50 percent non-Federal with a cost-share waiver for Tribes and Territories per Section 1156 WRDA 86, as amended.

Statutory location: Division J, Title III



Section 118 Of Water Resources Development Act of 2020

Federal Agency: Department of Defense – Army Corps of Engineers

Bureau or Account: Corps of Engineers – Civil Works

Funding amount: \$30,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal

New program: Yes

Recipients: In partnership with State, local, and Tribal governments, the Army Corps would use funding to carry out feasibility studies

Description: Pilot program to carry out feasibility studies for flood risk management and hurricane and storm damage risk reduction projects that incorporate natural features or nature-based features for rural communities and economically disadvantaged communities.

Eligible uses: All eligible parties requiring work for the qualifying infrastructure.

Federal cost share requirement: In general, unless otherwise specified in law, studies are 100 percent Federally funded.

Statutory location: Division J, Title III



Provide Financial Assistance To States, Tribes, And Units Of Local Government To Establish And Operate Reverse-911 Telecommunication Systems

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$30,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: State/Tribes

Description: Establishment of reserve-911 telecommunication systems.

Eligible uses: Establishment of reserve-911 telecommunication systems.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40803



Ecosystem - Delaware River Basin Conservation Act

Federal Agency: Department of the Interior

Bureau or Account: United States Fish and Wildlife Service

Funding amount: \$26,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: Open

Description: The Delaware River Basin program provides competitive matching grants for habitat conservation to State and local governments, nonprofit organizations, institutions of higher education, and other eligible entities in the Delaware River Basin.

Eligible uses: Funds will be distributed through a combination of competitive contracts, Tribal grants and other grants, and cooperative agreements.

Federal cost share requirement: Yes

Statutory location: Division J, Title VI



National Geological And Geophysical Data Preservation Program

Federal Agency: Department of the Interior

Bureau or Account: United States Geological Survey

Funding amount: \$23,668,000

Period of availability: Each fiscal year appropriated is available for obligation for 3 years. Funding will be received over a period of four years, with \$8.668 million in fiscal year 2022 and \$5 million in fiscal year 2023 through fiscal year 2025.

Funding mechanism: Grant, Cooperative Agreement, Direct Federal Spending

New program: No

Recipients: State Geological Surveys, State Universities Housing State Geological Surveys, Private Contractors, U.S. Geological Survey Science Centers And Other Department of Interior Bureaus

Description: Implementation provides competitive grants to State Geological Surveys and funds projects executed by U.S. Geological Survey and other Department of the Interior bureaus to preserve, modernize, and make publicly available geological and geophysical data and assets.

Eligible uses: Preservation, documentation, and archiving of geological and geophysical data, maps, logs, samples, and other relevant materials; development and maintenance of a national catalog, creation and maintenance of physical and digital infrastructure in support of archival materials and data, technical and financial assistance related to archival material, and preservation of samples to track geochemical signatures from critical mineral ore bodies.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40203



Southwest Ecological Restoration Institute

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$20,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: Southwest Ecological Restoration Institute will compile and display data for fuels treatments and wildfire, to facilitate coordination and use of existing and future interagency fuel treatment data, and to carry out other related activities of a Southwest Ecological Restoration Institute.

Eligible uses: Grant to Southwest Ecological Restoration Institute

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40803



Volunteer Fire Assistance

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$20,000,000

Period of availability: Each annual \$4 million tranche has a 4-yr period of availability

Funding mechanism: Grant, Financial Assistance, Technical Assistance

New program: No

Recipients: Community And State. National Association Of State Foresters, State Forestry Agencies, National Volunteer Fire Council And The International Association Of Fire Chiefs

Description: The Volunteer Fire Assistance program focuses on increasing the capacity of local fire departments to provide initial attack on wildfires by providing additional firefighter training and assistance to departments with purchasing equipment. Recipients match grants dollar-for-dollar to maximize the value of the Federal investment. Rural fire departments also play a key role in educating constituents about fire adaptation and mitigation and help meet expanded fire protection needs within the wildland urban interface. Together, these initiatives combine to create more fire-adapted communities.

Eligible uses: Excess personal property used by State and local fire forces receiving assistance.

Federal cost share requirement: Yes. Waivers are available.

Statutory location: Division J, Title VI



Ecosystem - Lake Tahoe

Federal Agency: Department of the Interior

Bureau or Account: United States Fish and Wildlife Service

Funding amount: \$17,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: Open

Description: To deploy strategies consistent with the Lake Tahoe Aquatic Invasive Species Management Plan to prevent the introduction or spread of aquatic invasive species in the Lake Tahoe region.

Eligible uses: Projects that support invasive species control.

Federal cost share requirement: Yes

Statutory location: Division J, Title VI



Cybersecurity

Federal Agency: Department of Homeland Security
Bureau or Account: Science and Technology

Funding amount: \$14,500,000

Period of availability: 5 year

Funding mechanism: Contract

New program: No

Recipients: May include but not limited to: Academia/Centers of Excellence, Industry (Small Business Innovation Research), Department of Energy National Labs, and Federal Funded Research and Development Centers.

Description: This program researches, analyzes, and develops technologies to strengthen defensive cybersecurity capabilities in a spectrum of strategic technical areas to mitigate risk to the Nation's critical infrastructure, Federal departments and agencies, as well as State, territorial, Tribal and local organizations.

Eligible uses: Research supporting security testing capabilities relating to telecommunications equipment and industrial control systems.

Federal cost share requirement:

Statutory location:



Probabilistic Analysis of National Threats, Hazards, and Risks

Federal Agency: Department of Homeland Security

Bureau or Account: Science and Technology

Funding amount: \$13,400,000

Period of availability: Five year

Funding mechanism: Contract

New program: No

Recipients: May include but not limited to: Academia/Centers of Excellence, Industry (Small Business Innovation Research), Department of Energy National Labs, and Federal Funded Research and Development Centers.

Description: This program addresses biological, chemical, and hazard knowledge gaps to inform defensive strategies that provide accurate, useful, and defensible knowledge and tools to stakeholders in time to enable risk-informed decision-making pertinent for defense against weapons of mass destruction threats to the homeland.

Eligible uses: Public safety and violence prevention to evaluate "soft target" security, including countering improvised explosive device events and protection of U.S. critical infrastructure.

Federal cost share requirement:

Statutory location:



Counteracting Violent Extremism

Federal Agency: Department of Homeland Security

Bureau or Account: Science and Technology

Funding amount: \$12,800,000

Period of availability: Five Year

Funding mechanism: Contract

New program: No

Recipients: May include but not limited to: Academia/Centers of Excellence, Industry (Small Business Innovation Research), Department of Energy National Labs, and Federal Funded Research and Development Centers.

Description: Acts of violence can pose a significant impact to American lives and Federal, State, local, and Tribal governments. This Program aims to conduct evidence-based research to meet the policy, operational, and public needs to improve effectiveness of public safety and violence prevention efforts implemented by Federal, State, territorial, Tribal, local, and non-governmental stakeholders.

Eligible uses: Public safety and violence prevention to evaluate "soft target" security, including countering improvised explosive device events and protection of U.S. critical infrastructure.

Federal cost share requirement:

Statutory location:



Agreement With National Oceanic and Atmospheric Administration For Geostationary Operations Environmental Satellite Program

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$10,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: Yes

Recipients: Forest Service Funding

Description: Defer to NOAA

Eligible uses: Uses will be determined by the National Oceanic and Atmospheric Administration.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40803



Research And Development Via Joint Fire Science Program Partnership With Department Of Interior

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$10,000,000

Period of availability: Each annual \$2 million tranche has a five-year period of availability

Funding mechanism: Grant, facilitated through interagency agreement with the Department of Interior (Bureau of Land Management).

New program: No

Recipients: Institutions Of Higher Education

Description: The Joint Fire Science Program funds scientific research on wildland fires and distributes results to help policymakers, fire managers and practitioners make decisions.

Eligible uses: Uses are determined by the Department of the Interior.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Wildfire Management - Joint Fire Science Program with Department of Agriculture

Federal Agency: Department of the Interior

Bureau or Account: Departmental Offices

Funding amount: \$10,000,000

Period of availability: Funding Available until expended (but portions made available by fiscal year)

Funding mechanism: Interagency agreements, cooperative agreements

New program: No

Recipients: Science And Research Organizations/Entities, Public Higher-Ed Institutions, Private Higher-Ed Institutions

Description: Support science and research on wildland fire management issues that mitigate wildfire risk.

Eligible uses: Priority research to better understand wildfire risk and inform land practitioners on critical wildland fire management issues.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40803

Note: This program was called 'Wildfire Management - Joint Fire Science Program' in previous versions of this Guidebook.



Firewood Banks

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$8,000,000

Period of availability: Each annual \$1.6 million tranche has a 4-yr period of availability

Funding mechanism: Financial Assistance

New program: Yes

Recipients: State, Tribe, Local Units Of Government, Non-Government Organizations

Description: Under development

Eligible uses: Under development

Federal cost share requirement: Federal cost share for grants

Statutory location: 40803



Wildfire Detection And Monitoring Equipment

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$5,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: Yes

Recipients: Forest Service Funding

Description: The agency will procure and place wildfire detection and real-time monitoring equipment, such as sensors, cameras, and other relevant equipment in wildfire prone areas to enhance safety and awareness of wildfire risk for the public and first responders.

Eligible uses: Under development

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40803



First Responder Capability

Federal Agency: Department of Homeland Security

Bureau or Account: Science and Technology

Funding amount: \$4,000,000

Period of availability: 5 Year

Funding mechanism: Contract

New program: No

Recipients: May include but not limited to: Academia/Centers of Excellence, Industry (Small Business Innovation Research), Department of Energy National Labs, and Federal Funded Research and Development Centers.

Description: This program develops and transitions technologies, information, procedures, and concept of operations to aid first responders, emergency managers, and incident commanders as they respond to hazardous situations. It assists emergency response communities through test and assessment of technologies for usability and seeks to transition viable solutions to the commercial marketplace to help make them available across all first responder communities.

Eligible uses: Public safety and violence prevention to evaluate "soft target" security, including countering improvised explosive device events and protection of U.S. critical infrastructure.

Federal cost share requirement:

Statutory location:



Explosives Threat Assessment

Federal Agency: Department of Homeland Security

Bureau or Account: Science and Technology

Funding amount: \$2,800,000

Period of availability: Five Year

Funding mechanism: Contract

New program: No

Recipients: May include but not limited to: Academia/Centers of Excellence, Industry (Small Business Innovation Research), Department of Energy National Labs, and Federal Funded Research and Development Centers.

Description: This program researches and identifies current and potential explosive threats to understand the risk posed to the United States, strengthens aviation security by bolstering the international aviation security system, improves security processes and technologies, and encourages partnerships with industry.

Eligible uses: Public safety and violence prevention to evaluate "soft target" security, including countering improvised explosive device events and protection of U.S. critical infrastructure.

Federal cost share requirement:

Statutory location:



Develop And Publish Every 5 Years A Map Depicting At-Risk Communities, Including Tribal Communities

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$1,200,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: The Forest Service will develop and publish every five years a map depicting at-risk communities, including Tribal communities.

Eligible uses: N/A

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40803



Network and System Security and Investment

Federal Agency: Department of Homeland Security

Bureau or Account: Science and Technology

Funding amount: \$1,000,000

Period of availability: Five Year

Funding mechanism: Contract

New program: No

Recipients: May include but not limited to: Academia/Centers of Excellence, Industry (Small Business Innovation Research), Department of Energy National Labs, and Federal Funded Research and Development Centers.

Description: This program produces the technologies needed to secure information and software that resides on the networks and systems that make up the Internet. It provides analytic tools for the law enforcement community to investigate crimes committed in cyberspace.

Eligible uses: Research supporting security testing capabilities related to telecommunications equipment.

Federal cost share requirement:

Statutory location:



Environmental Remediation

Challenge: In thousands of rural and urban communities around the country, hundreds of thousands of orphaned wells, abandoned mines, brownfields, and Superfund sites sit idle, sources of blight and pollution. These sites pose serious safety hazards, while also causing ongoing air, water, and other environmental damage. Further, many of these sites are located in disadvantaged communities that have suffered from years of disinvestment.

Solutions: The bill will invest \$21 billion in environmental remediation – the largest investment in addressing legacy pollution in American history. These projects will remediate environmental harms, address the legacy pollution that harms the public health of communities, create good-paying union jobs, and advance long overdue environmental justice.

Funding Overview: This funding falls into four major programs covered under this section – (1) abandoned mine land reclamation (\$11.3 billion), (2) orphaned well plugging, remediation and restoration (\$4.7 billion), (3) Superfund site cleanup (\$3.5 billion), and (4) brownfield remediation and revitalization (\$1.5 billion).

- The Bipartisan Infrastructure Law provides \$11.3 billion to the Department of Interior to provide grants to States and Tribes for abandoned coal mine land reclamation. These funds will be disbursed by the [Office of Surface Mining Reclamation and Enforcement](#) to eligible States and Tribes. The Bipartisan Infrastructure Law also provides \$25 million to the Department of the Interior to help States update their abandoned mine land inventories. Finally, the Bipartisan Infrastructure Law includes language enabling the Office of Surface Mining and Reclamation to give priority to reclamation projects that provide employment for current and former coal industry workers.
- The Bipartisan Infrastructure Law provides \$4.7 billion to the Department of Interior to establish three new well plugging, remediation and reclamation grant programs - \$250 million for wells on Federal lands, \$4.3 billion for wells on State and private lands, and \$150 million for wells on Tribal lands. These funds include initial, formula, and performance-based grants for States and Tribes, as well as funding for technical assistance to help identify, prioritize, and plug wells.
- The Bipartisan Infrastructure Law provides \$3.5 billion in new funds to the Environmental Protection Agency to fund clean-ups and remedial actions on Superfund sites. The bill waives the State cost-share requirements for this new funding and encourages the Environmental Protection Agency to consider the unique Superfund needs of Tribal communities.



- The Environmental Protection Agency has [already announced](#) \$1 billion of this funding will clear the backlog of 49 previously unfunded sites, while accelerating cleanup at dozens of locations across the country.
- The Bipartisan Infrastructure Law provides \$1.5 billion to the Environmental Protection Agency to expand its existing brownfield remediation and revitalization grant programs. \$1.2 billion of the funding is for brownfield assessment grants, cleanup grants, technical assistance, environmental remediation job training, and reuse/economic revitalization. \$300 million of the funds will flow to support State and Tribal brownfield clean-up programs.

Getting Ready:

Potential grant applicants should begin to inventory sites and launch community-led stakeholder engagement sessions to determine eligibility for funding remediation work, as well as assess the needs of the local workforce from a training standpoint, so jobs created by these projects can employ members of affected communities.

Abandoned Mine Land Reclamation: Begin discussions with communities, watershed groups, and recreation interests (such as fishing groups) to identify acid mine drainage problems that may be newly eligible for funding given the broader allowable uses of Bipartisan Infrastructure Law funding.

Orphan Well Plugging: Begin outreach to communities near orphaned well sites to identify sites that have the most significant impacts or are preventing other beneficial uses of the land. Work with your State geological surveys to identify other areas that may need to be inventoried for orphaned wells.

Superfund Site Clean-Up: Environmental Protection Agency Superfund site teams will work to ensure communities have the information and support they need to meaningfully participate in the remedial process, including holding a public meeting prior to the start of construction, engaging communities in discussions about redevelopment opportunities, and offering technical assistance and job training opportunities.

Brownfield Remediation: Potential applicants for brownfields grants should become familiar with application guidelines and determine which priority sites are eligible for funding. Please see the following webpages for additional information.



Existing Resources:

- More information about available technical assistance resources can be found [here](#) for the Brownfields Program.
 - [Types of Brownfield Grant Funding](#)
 - [Tips for Applying](#)
- More information about resources available to communities for addressing Superfund sites can be found at the links below:
 - [Superfund Technical Assistance Needs Assessment](#)
 - [Superfund Technical Assistance Grant](#)
 - [Superfund Technical Assistance Services for Communities](#)
 - [Superfund Community Advisory Group support](#)
 - [Superfund Job Training Initiative](#)
 - [Superfund Redevelopment Program](#)



Program Name	Agency Name	Funding Amount
Abandoned Mine Reclamation Fund	Department of the Interior	\$11,293,000,000
Orphaned Well Site Plugging, Remediation, And Restoration	Department of the Interior	\$4,677,000,000
Superfund	Environmental Protection Agency	\$3,500,000,000
Brownfields Projects	Environmental Protection Agency	\$1,200,000,000
Clean Energy Demonstrations on Current and Former Mine Land	Department of Energy	\$500,000,000
Brownfields State & Tribal Response Programs	Environmental Protection Agency	\$300,000,000
Direct Federal Spending for Revegetation of Mined Lands	Department of the Interior	\$100,000,000
Funding to Support Orphan Well Plugging	Department of Energy	\$30,000,000
TOTAL - ENVIRONMENTAL REMEDIATION		\$21,600,000,000



Abandoned Mine Reclamation Fund

Federal Agency: Department of the Interior

Bureau or Account: Office of Surface Mining Reclamation and Enforcement

Funding amount: \$11,293,000,000

Period of availability: Funding available until expended. Available in fiscal year 2022 and distributed to States & Tribes on an equal annual basis over 15 years.

Funding mechanism: Grant

New program: No

Recipients: States and Tribes

Description: Funding to administer a program to provide grants to eligible States and Tribes to clean up abandoned coal mine sites and related problems.

Eligible uses: Cleaning up abandoned coal mine sites and related problems, as specified in the Bipartisan Infrastructure Law, that pose a threat to public health and safety; restoring land and water resources degraded by the effects of past coal mining; and addressing emergency projects. Those sites and related problems must be entered into the Office of Surface Mining and Reclamation's abandoned mine land inventory system and be associated with a coal mine that was abandoned prior to August 3, 1977. Unlike traditional Abandoned Mine Land funding that has been distributed in the past, and will continue to be distributed annually through at least fiscal year 2035, funding under the Bipartisan Infrastructure Law may be used to design, build, operate, maintain, and rehabilitate acid mine drainage facilities that are not in conjunction with a Priority 1 or Priority 2 site. However, States and Tribes may not place a portion of their Bipartisan Infrastructure Law funding into acid mine drainage set-aside accounts.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40701



Orphaned Well Site Plugging, Remediation, And Restoration

Federal Agency: Department of the Interior

Bureau or Account: Department-Wide Programs

Funding amount: \$4,677,000,000

Period of availability: Through September 30, 2030, for individual grant programs, though overall appropriation is available until expended.

Funding mechanism: Direct Federal Spending, Grants to States and Tribes, technical assistance Funding to InterState Oil and Gas Compact Commission.

New program: Yes

Recipients: Federal, State, Tribal

Description: Funding to administer a program for plugging wells on Federal land, and for issuing grants to States and Tribes on State, private, and Tribal land. Grants to States are available through three separate programs. Initial Grants: Either \$5 million or up to \$25 million to each qualifying State that applies before May 14, 2022. Funding unobligated after 1 year must be returned. Formula Grants: \$2 billion in total funding available to States that submitted a Notice of Intent to the Department of the Interior by December 30, 2021. The amount each State is eligible for under this program is determined by formula. Funding unobligated after 5 years must be returned. Performance Grants: \$1.5 billion in discretionary grants to States that increase their own spending on well plugging, remediation, and reclamation, or improve the regulation of oil and gas wells within the State.

Eligible uses: Inventory, site characterization, down-hole well plugging, surface remediation, removal of surface equipment, restoration of native species habitat impacted by orphaned wells and associated infrastructure, measurement and tracking of air and water pollution due to orphaned wells, and identification and remediation of disproportionate health and environmental impacts of orphaned wells on communities of color, low-income communities, and Tribal and indigenous communities.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40601



Superfund

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$3,500,000,000

Period of availability: Available until expended

Funding mechanism: Contract, Cooperative Agreement, Interagency Agreements

New program: No

Recipients: Industry Partners, Federal, States, Local Governments, Special Districts, Tribal Governments

Description: The Environmental Protection Agency's Superfund program is responsible for cleaning up some of the nation's most contaminated land. To protect public health and the environment the Superfund program focuses on making a visible and lasting difference in communities, ensuring that people can live and work in healthy, vibrant places.

Eligible uses: The Environmental Protection Agency enters contracts and interagency agreements to conduct work at Superfund sites. The Environmental Protection Agency can also award Superfund cooperative agreements with States, Tribes, or local governments to lead or support work in the Superfund program.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI

Note: This program was called 'Superfund Remedial' in previous versions of this Guidebook.



Brownfields Projects

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$1,200,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreement

New program: No

Recipients: States, Counties, Cities/Townships, Tribal Governments (Federally Recognized), Public Housing Authorities, Indian Housing Authorities, Nonprofits With 501(C)(3) Status

Description: The Environmental Protection Agency's Brownfields Program provides funds to empower States, communities, Tribes, and nonprofit organizations to prevent, inventory, assess, clean up, and reuse brownfield sites. The Environmental Protection Agency provides technical and financial assistance for brownfields activities that protect human health and the environment, encourage sustainable reuse, promote partnerships, strengthen local economies, and create jobs. By providing funds and technical assistance to assess, clean up, and plan for site reuse, the Environmental Protection Agency enables communities to overcome the environmental, legal, and fiscal challenges associated with brownfields properties. The Environmental Protection Agency's investments in communities across the country help local leaders eliminate uncertainties, clean up contaminated properties, and transform brownfield sites into community assets.

Eligible uses: Eligible activities include, but are not limited to, conducting community engagement and planning at one or more brownfield sites, site assessments, site cleanup planning and direct site cleanup.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Clean Energy Demonstrations on Current and Former Mine Land

Federal Agency: Department of Energy

Bureau or Account: Energy Programs

Funding amount: \$500,000,000

Period of availability: Available through 2026

Funding mechanism: Grant, Cooperative Agreement, or Other

New program: Yes

Recipients: Will be stipulated in competitive solicitation

Description: To demonstrate the technical and economic viability of carrying out clean energy projects on current and former mine land. Up to five 5 clean energy projects are to be carried out in geographically diverse regions, at least 2 of which shall be solar projects.

Eligible uses: The term “clean energy project” means a project that demonstrates 1 or more of the following technologies:

- (A) Solar.
- (B) Micro-grids.
- (C) Geothermal.
- (D) Direct air capture.
- (E) Fossil-fueled electricity generation with carbon capture, utilization, and sequestration.
- (F) Energy storage, including pumped storage hydropower and compressed air storage.
- (G) Advanced nuclear technologies.

In selecting clean energy projects for participation in the program under paragraph (1), the Secretary shall prioritize clean energy projects that will—

- (A) be carried out in a location where the greatest number of jobs can be created from the successful demonstration of the clean energy project;
- (B) provide the greatest net impact in avoiding or reducing greenhouse gas emissions;
- (C) provide the greatest domestic job creation (both directly and indirectly) during the implementation of the clean energy project;
- (D) provide the greatest job creation and economic development in the vicinity of the clean energy project, particularly—
 - (i) in economically distressed areas; and
 - (ii) with respect to dislocated workers who were previously employed in manufacturing, coal power plants, or coal mining;
- (E) have the greatest potential for technological innovation and commercial deployment;
- (F) have the lowest levelized cost of generated or stored energy;



- (G) have the lowest rate of greenhouse gas emissions per unit of electricity generated or stored; and
- (H) have the shortest project time from permitting to completion.

Federal cost share requirement:

Statutory location: 40342

Note: This program was called 'Clean Energy Demonstration Program on Current and Former Mine Land' in previous versions of this Guidebook.



Brownfields State & Tribal Response Programs

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$300,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreement

New program: No

Recipients: States, Tribal Governments (Federally Recognized)

Description: Unlike many Environmental Protection Agency cleanup programs, States and Tribal Nations are responsible for developing brownfields cleanup standards and policy and conducting or overseeing the assessment and cleanup of brownfield sites within their jurisdictions. This funding is intended for States and Tribes that have the required management and administrative capacity within their government to administer a Federal grant. The primary goal of this funding is to ensure that State and Tribal response programs include, or are taking reasonable steps to include, certain elements of an environmental response program and that the program establishes and maintains a public record of sites addressed.

Eligible uses: Eligible activities include, but are not limited to, the following: Developing legislation, regulations, procedures, ordinances, guidance, etc. that establish or enhance the administrative and legal structure of a response program; Establishing and maintaining required public records; Operation, maintenance, and long-term monitoring of institutional controls and engineering controls; Conducting limited site-specific activities, such as assessment or cleanup, provided such activities establish and/or enhance the response program; Purchasing environmental insurance; and Capitalizing revolving loan funds for cleanup.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI

Note: This program was called 'Brownfields Categorical Grants' in previous versions of this Guidebook.



Direct Federal Spending for Revegetation of Mined Lands

Federal Agency: Department of the Interior

Bureau or Account: Office of the Secretary

Funding amount: \$100,000,000

Period of availability: Funding available until expended for total amount across entire Program (\$905 million), but portions of the total are allocated to specific fiscal years, each with a different period of availability

Funding mechanism: Direct Federal Spending

New program: Yes

Recipients: Federal

Description: Funding to restore native vegetation and mitigate environmental hazards on mined public or private lands.

Eligible uses: Projects to restore native vegetation and mitigate environmental hazards on mined Federal or non-Federal lands.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Funding to Support Orphan Well Plugging

Federal Agency: Department of Energy
Bureau or Account: Energy Programs

Funding amount: \$30,000,000

Period of availability: Available until expended

Funding mechanism: TBD

New program: Yes

Recipients: Industry Partner

Description: Funding to support the Department of the Interior's effort to establish a program to plug, remediate, and reclaim orphaned wells located on Federal land.

Eligible uses: The Department is working through a number of options to use these funds to conduct scientific research on methane emissions and other hazards associated with orphan oil and gas wells.

Federal cost share requirement:

Statutory location: 40601



Broadband

“This pandemic has made clear the need for affordable and available highspeed Internet. The idea of a parent having to put their kids in the car for virtual learning, drive and sit in the McDonald’s parking lot so that their child can access the Internet when school is taught virtually is not only unnecessary, it’s just wrong.”

– *Remarks by President Biden on the Bipartisan Infrastructure Law, October 28, 2021*



Broadband

Challenge: Ensure that all Americans have access to affordable, reliable, high-speed internet service. High quality internet service is necessary for Americans to do their jobs, to participate equally in school learning, health care, and to stay connected. Yet, by one definition, more than 30 million Americans live in areas where there is no broadband infrastructure that provides minimally acceptable speeds – a particular problem in rural communities throughout the country. And, according to the latest Organisation for Economic Co-operation and Development data, among 35 countries studied, the United States has the second highest broadband costs.

Solutions: The Bipartisan Infrastructure Law invests roughly \$65 billion to help ensure that every American has access to reliable high-speed internet through a historic investment in broadband infrastructure deployment. The legislation will also help lower prices for internet service and help close the digital divide, so that more Americans can make full use of internet access.

Funding Overview: This funding falls into 7 major program areas—(1) the Broadband Equity, Access, and Deployment Program (\$42.45 billion), (2) the Affordable Connectivity Program (\$14.2 billion); (3) Digital Equity Planning, Capacity and Competitive Grants (\$2.75 billion); (4) the Tribal Broadband Connectivity Program (\$2 billion), (5) Rural Broadband Programs at the Department of Agriculture (\$2 billion); (6) the Middle Mile Grant Program (\$1 billion); and (7) Private Activity Bonds (~\$600 million).

On January 7, 2022, the National Telecommunications and Information Administration at the Department of Commerce released a Notice seeking comment on the **Broadband Equity, Access and Deployment program, the Middle Mile Grant Program, and the Digital Equity Planning Grant Program**. The Broadband Equity, Access and Deployment program is a formula-based grant program to States, territories and the District of Columbia primarily for the purposes of State broadband planning and deployment. It can also be used for broadband data collection and mapping; to promote broadband adoption, including through the provision of affordable internet-connected devices; to provide Wi-Fi or reduced-cost internet access to multi-family housing units; and for other uses that the National Telecommunications and Information Administration determines are necessary to facilitate the goals of the program. States will distribute funds through a competitive grant program. Funding recipients have an obligation to offer a low-cost plan as a condition of receiving funding for broadband deployment. Future-proof deployments are prioritized. Each State, including the District of Columbia and Puerto Rico, will receive at least \$100 million. American Samoa, Guam, The Northern Marianas and the U.S. Virgin Islands will each receive at least \$25 million. The remainder of the funds will be allocated based on a formula that considers the number of locations in each State or territory unserved by broadband and the number of high cost unserved locations.



The Middle Mile Grant Program, administered by the National Telecommunications and Information Administration, will provide grants for the construction, improvement or acquisition of middle-mile infrastructure to eligible entities, including, but not limited to, telecommunications companies, technology companies, electric utilities, and utility cooperatives.

The Digital Equity Planning, Digital Equity Capacity, and Digital Equity Competitive Grants are three National Telecommunications and Information Administration-administered grant programs (two formula-based and one competitive) to plan for and then promote digital inclusion and equity for communities that lack the skills, technologies and support needed to take advantage of broadband connections. Grants can be used to accelerate the adoption of broadband through digital literacy training, workforce development, devices access programs, and other digital inclusion measures.

The Tribal Broadband Connectivity Program is an existing National Telecommunications and Information Administration program that provides grants to federally recognized Tribal governments, Tribal organizations, Tribal Colleges and Universities, the Department of Hawaiian Homelands, and Alaska Native Corporations for broadband deployment on Tribal lands, as well as for telehealth, distance learning, broadband affordability, and digital inclusion.

On December 31, 2021, the Federal Communications Commission launched the **Affordable Connectivity Program** which provides a subsidy of up to \$30/month for low-income families (up to \$75/month for low-income families on Tribal Lands) to use toward the internet service plan of their choice offered by participating internet service providers, as well as a one-time \$100 towards a desktop, laptop or tablet computer offered by participating internet service providers.

The **Broadband ReConnect Program**, administered by the Rural Utilities Service at the Department of Agriculture, will provide almost \$2 billion in loans and grants toward the costs of construction, improvement, or acquisition of facilities and equipment needed to provide broadband service in eligible rural areas. Companies, cooperatives, and State, local, Tribal, and territorial governments may all apply for ReConnect funding.

Private Activity Bonds – the Bipartisan Infrastructure Bill allows States and local governments to issue private activity bonds to support broadband deployment in rural areas.



Getting Ready:

The Broadband Equity, Access and Deployment Program and the State Digital Equity Planning and Capacity Grants: In order to prepare to receive funding from the National Telecommunications and Information Administration from the Broadband Equity, Access and Deployment and State Digital Equity Planning and Capacity Grant programs, States should identify and solidify their State broadband leadership teams and begin coordinating across State agencies and with Tribal and local governments and other stakeholders to begin to develop a strategy and plan for identifying and meeting the State's broadband deployment, affordability and equity challenges.

Affordable Connectivity Program: In order to make sure low-income households in your communities can take advantage of the Affordable Connectivity Program, State, Tribal, and local leaders, internet service providers, and non-profits should identify opportunities to effectively reach out to low-income households and inform them about the program.

The Tribal Broadband Connectivity Program: Tribal leaders should identify and solidify their broadband planning, deployment and affordability programs and plan to participate in Tribal consultations, and National Telecommunications and Information Administration webinars and other information sessions regarding the Tribal Broadband Connectivity Program.

The Broadband ReConnect Program: Rural companies, government officials, and residents interested in bringing better broadband to your communities should participate in Rural Utilities Service webinars to learn about the funding opportunity provided by the Broadband ReConnect Program.

Existing Resources:

- The American Rescue Plan included \$350 billion in State and Local Fiscal Recovery Funds, administered by the Department of the Treasury, which can be used to provide broadband affordability and deployment programs to respond to the negative economic impacts of the pandemic and to meet the necessary investments to expand affordable access to broadband. See more [here](#).
- Broadband deployment projects and digital connectivity projects are eligible uses for funding from the \$10 billion Capital Projects Program, administered by the Department of the Treasury and funded by the American Rescue Plan. Each State has been allocated more than \$100 million under that program, each Territory has been allocated more than \$14 million, and each Tribal government has been allocated \$167,000 under that program. See more [here](#).



Program Name	Agency Name	Funding Amount
Broadband Equity, Access, And Deployment Program	Department of Commerce	\$42,450,000,000
Affordable Connectivity Program	Federal Communications Commission	\$14,200,000,000
Tribal Broadband Connectivity Program	Department of Commerce	\$2,000,000,000
Distance Learning, Telemedicine, And Broadband Program: Reconnect Program	Department of Agriculture	\$1,926,000,000
State Digital Equity Capacity Grant	Department of Commerce	\$1,440,000,000
State Digital Equity Competitive Grant	Department of Commerce	\$1,250,000,000
Middle Mile Grant Program	Department of Commerce	\$1,000,000,000
Distance Learning, Telemedicine, And Broadband Program: Broadband Loans	Department of Agriculture	\$74,000,000
State Digital Equity Planning Grant	Department of Commerce	\$60,000,000
Broadband Deployment Locations Map	Federal Communications Commission	\$10,000,000
Denali Commission Broadband Funding	Denali Commission	\$250,000
TOTAL - BROADBAND		\$64,410,250,000



Broadband Equity, Access, And Deployment Program

Federal Agency: Department of Commerce

Bureau or Account: National Telecommunications and Information Administration

Funding amount: \$42,450,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: States, Territories, District of Columbia

Description: Appropriates \$42.45 billion for States, territories, the District of Columbia, and Puerto Rico to use for broadband planning, deployment, and adoption projects. Each State, the District of Columbia, and Puerto Rico will receive an allocation of at least \$100 million and the United States Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands will each receive \$25 million. Each State will receive initial funding of \$5 million and each territory will receive initial funding of \$1.25 million to support broadband planning efforts including building capacity in State broadband offices and outreach and coordination with local communities. Leveraging those initial planning funds each State and territory will submit a 5-year action plan, which shall be informed by collaboration with local and regional entities. The remaining funding will be distributed based on a formula that considers the number of unserved and high-cost locations in the State, based on the maps to be published by the Federal Communications Commission. The first priority for the deployment of a broadband network is providing funding to projects that primarily reach unserved locations (those below 25/3 Mbps), followed by those that primarily reach underserved locations (those below 100/20 Mbps), and then serving community anchor institutions (1/1 Gbps).

Eligible uses: Planning (e.g. broadband data collection and mapping); broadband infrastructure deployment (e.g. construction), to promote broadband adoption, including through the provision of affordable internet-connected devices; to provide Wi-Fi or reduced-cost internet access to multi-family housing units; and for other uses that the National Telecommunications and Information Administration determines are necessary to facilitate the goals of the program.

Federal cost share requirement: Not less than 25 percent of project costs (except in high-cost areas). Waivers are available.

Statutory location: 60102



Affordable Connectivity Program

Federal Agency: Federal Communications Commission

Bureau or Account: Federal Communications Commission

Funding amount: \$14,200,000,000

Period of availability: Available until expended

Funding mechanism: Subsidies provided directly to internet service providers to apply to consumers' monthly internet bill

New program: No

Recipients: Internet Service Providers (Who Then Apply the Benefit to Consumers' Monthly Bills)

Description: The Affordable Connectivity Program is a Federal Communications Commission benefit program that helps ensure that low-income households can afford the broadband they need for work, school, healthcare and more. Per the legislation, the Federal Communications Commission may provide grants to outreach partners to educate consumers about the Affordable Connectivity Program.

Eligible uses: The Affordable Connectivity Program helps low income households afford home broadband service by providing up to a \$30 monthly benefit on a household's monthly internet bill. For low-income households on Tribal lands the benefit is up to \$75. Eligible households can also receive a one-time discount of up to \$100 to purchase a laptop, desktop computer, or tablet from participating providers if the household contributes more than \$10 and less than \$50 toward the purchase price. The Affordable Connectivity Program is limited to one monthly service discount and one device discount per household.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 60502



Tribal Broadband Connectivity Program

Federal Agency: Department of Commerce

Bureau or Account: National Telecommunications and Information Administration

Funding amount: \$2,000,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: Tribal Governments, Tribal organizations, Tribal Colleges or Universities, the Department of Hawaiian Home Lands on behalf of the Native Hawaiian Community, and Alaska Native Corporations.

Description: The Tribal Broadband Connectivity Program provides grants for broadband infrastructure deployment; affordable broadband programs; distance learning, telehealth, digital inclusion efforts; and broadband adoption activities. The program was initially authorized by the Consolidated Appropriations Act, 2021, Division N, Title IX, Section 905, Public Law 116-260, 134 Stat. 1182. The Infrastructure Investment and Jobs Act provides an additional \$2 billion to the Tribal Broadband Connectivity Program.

Eligible uses: Planning (e.g. feasibility), broadband infrastructure deployment (e.g. construction), broadband adoption/digital literacy/tech support, digital skills training (e.g. science, technology, engineering, arts and math, Workforce Development), Devices/equipment (e.g. laptops, hotspots), public connectivity/computer access, research and/or evaluation, data and/or mapping, smart communities/cities/regions, telehealth

Federal cost share requirement:

Statutory location: 60201



Distance Learning, Telemedicine, And Broadband Program: Reconnect Program

Federal Agency: Department of Agriculture

Bureau or Account: Rural Utilities Service

Funding amount: \$1,926,000,000

Period of availability: Available until expended

Funding mechanism: Direct Loan/Grant/Combo

New program: No

Recipients: Corporations; Limited Liability Companies and Limited Liability Partnerships; Cooperatives or Mutual Organizations; States or Local governments, including any agency, subdivision, instrumentality of political subdivision thereof; Territories or Possessions of The United States; and Tribes, as defined in Section 4 Of the Indian Self-Determination and Education Assistance Act (25 U.S.C. §450B)

Description: The ReConnect Program offers loans, grants, and loan-grant combinations to build infrastructure and install equipment that provides modern, reliable, high-speed Internet service in rural America.

Eligible uses: ReConnect Program funds can be used to fund the costs of construction, improvement, or acquisition of facilities and equipment needed to provide broadband service capable of delivering 100 Mbps symmetrical service and the acquisition of an existing system not currently providing sufficient access to broadband service, under certain circumstances, and with restrictions. Up to five percent of the award may be used for pre-application expenses.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title I



State Digital Equity Capacity Grant

Federal Agency: Department of Commerce

Bureau or Account: National Telecommunications and Information Administration

Funding amount: \$1,440,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: States, Territories, District of Columbia

Description: As part of the Digital Equity Act programs, \$2.75 billion was dedicated to establish three grant programs that promote digital inclusion and equity to ensure that all individuals and communities have the skills, technology, and capacity needed to reap the full benefits of our digital economy. The goal of these programs is to promote the meaningful adoption and use of broadband services across the targeted populations in the Act, including low-income households, aging populations, incarcerated individuals, veterans, individuals with disabilities, individuals with a language barrier, racial and ethnic minorities, and rural inhabitants. The State Digital Equity Capacity Grant Program dedicates a \$1.44 billion formula grant program for States, Territories, Tribal governments, Alaska Native entities, Native Hawaiian organizations distributed via annual grant programs over five years to implement digital equity projects and support the implementation of digital equity plans.

Eligible uses: Planning (e.g. feasibility), broadband adoption/digital literacy/tech support

Federal cost share requirement: Grants may not cover more than 90 percent of the cost of a single project - though this can be waived. Waivers are available.

Statutory location: 60304



State Digital Equity Competitive Grant

Federal Agency: Department of Commerce

Bureau or Account: National Telecommunications and Information Administration

Funding amount: \$1,250,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: Local Education Agency; State Governments, including any political subdivisions of the State; Tribal/Native American Governments; Alaska Native Entities; and Native Hawaiian Organizations, Non-Profit Organizations; Community Anchor Institutions; and Workforce Development Programs

Description: As part of the Digital Equity Act programs, \$2.75 billion was dedicated to establish three grant programs that promote digital inclusion and equity to ensure that all individuals and communities have the skills, technology, and capacity needed to reap the full benefits of our digital economy. The goal of these programs is to promote the meaningful adoption and use of broadband services across the targeted populations in the Act, including low-income households, aging populations, incarcerated individuals, veterans, individuals with disabilities, individuals with a language barrier, racial and ethnic minorities, and rural inhabitants. The Digital Equity Competitive Grant Program is a \$1.25 billion discretionary grant program distributed via annual grant programs over five years to implement digital equity projects. Eligible applicants include specific types of political subdivision, agency, or instrumentality of a State; Tribal governments; nonprofit entities; community anchor institutions; local educational agencies; and entities that carry out workforce development programs.

Eligible uses: Broadband adoption/digital literacy/tech support, digital equity programs

Federal cost share requirement: Grants may not cover more than 90 percent of the cost of a single project. Waivers are available.

Statutory location: 60305



Middle Mile Grant Program

Federal Agency: Department of Commerce

Bureau or Account: National Telecommunications and Information Administration

Funding amount: \$1,000,000,000

Period of availability: fiscal years 2022-2026

Funding mechanism: Grant

New program: Yes

Recipients: States, Counties, Cities/Townships and their subdivisions; Tribal governments; Native entities; Public Utility Districts; Economic Development Authorities, Regional Planning Councils; Technology and Telecommunications Companies; Electric Utilities; Electric Cooperatives; and Nonprofits.

Description: Establishes and funds a \$1 billion program for the construction, improvement or acquisition of middle mile infrastructure. The purpose of the grant program is to expand and extend middle mile infrastructure to reduce the cost of connecting unserved and underserved areas to the internet backbone. Eligible applicants include States, political subdivisions of a State, Tribal governments, technology companies, electric utilities, utility cooperatives, public utility districts, telecommunications companies, telecommunications cooperatives, nonprofit foundations, nonprofit corporations, nonprofit institutions, nonprofit associations, regional planning councils, Native entities, or economic development authorities.

Eligible uses: Broadband infrastructure deployment (e.g. construction)

Federal cost share requirement: Not less than 30 percent of project costs. Waivers are available for Tribes.

Statutory location: 60401

Note: This program was called 'Middle Mile Grants Program' in previous versions of this Guidebook.



Distance Learning, Telemedicine, And Broadband Program: Broadband Loans

Federal Agency: Department of Agriculture

Bureau or Account: Rural Utilities Service

Funding amount: \$74,000,000

Period of availability: Available until expended

Funding mechanism: Direct Loan

New program: No

Recipients: Corporation; Limited Liability Company; Cooperative or Mutual Organization; A State or Local Unit of Government; Tribe or Tribal Organization Individuals and Partnerships Are Not Eligible.

Description: The Rural Broadband Access Loan and Loan Guarantee Program (Broadband Program) makes loans and loan guarantees to finance construction, improvement, or acquisition of facilities and equipment needed to provide high speed broadband service in eligible rural areas.

Eligible uses: Broadband infrastructure: broadband loans provide funding on a technology-neutral basis for financing: the construction, improvement, and acquisition of facilities required to provide broadband service, including facilities required for providing other services through the same facilities; the cost of leasing facilities required to provide service at the broadband lending speed if such lease qualifies as a capital lease under Generally Accepted Accounting Principles; and the acquisition of such facilities, under certain circumstances and with restrictions. For additional detail see 7 CFR 1738

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title I



State Digital Equity Planning Grant

Federal Agency: Department of Commerce

Bureau or Account: National Telecommunications and Information Administration

Funding amount: \$60,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: States, Territories, District of Columbia

Description: As part of the Digital Equity Act programs, \$2.75 billion was dedicated to establish three grant programs that promote digital inclusion and equity to ensure that all individuals and communities have the skills, technology, and capacity needed to reap the full benefits of our digital economy. The goal of these programs is to promote the meaningful adoption and use of broadband services across the targeted populations in the Act, including low-income households, aging populations, incarcerated individuals, veterans, individuals with disabilities, individuals with a language barrier, racial and ethnic minorities, and rural inhabitants. The State Digital Equity Planning Grant Program is a \$60 million formula grant program for States and territories to develop digital equity plans.

Eligible uses: Planning (e.g. feasibility).

Federal cost share requirement:

Statutory location: 60304



Broadband Deployment Locations Map

Federal Agency: Federal Communications Commission

Bureau or Account: Federal Communications Commission

Funding amount: \$10,000,000

Period of availability: Available until expended

Funding mechanism: N/A

New program: Yes

Recipients: N/A

Description: The Federal Communications Commission shall consult with all relevant Federal agencies to establish an online mapping tool to provide a locations overview of the overall geographic footprint of each broadband infrastructure deployment project funded by the Infrastructure Act, the Coronavirus Aid, Relief and Economic Security Act, the Consolidated Appropriations Act of 2021, the American Rescue Plan Act of 2021 or any other Federal amounts appropriated or any Federal program authorized after the date of enactment of the Infrastructure Act to fund broadband infrastructure deployment.

Eligible uses: Mapping

Federal cost share requirement: No non-Federal cost share required

Statutory location: 60105



Denali Commission Broadband Funding

Federal Agency: Denali Commission

Bureau or Account: Denali Commission

Funding amount: \$250,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized), Public Higher-Ed Institutions, Public Housing Authorities, Indian Housing Authorities, Nonprofits with 501(c)(3) status, Nonprofits - without 501(c)(3) status

Description: Program to assist rural Alaskan communities in planning and build-out of modern broadband capabilities.

Eligible uses: Broadband planning and build-out

Federal cost share requirement: Maximum Denali share is 50 percent or 80 percent, depending on the community's level of economic distress. Waivers are available in some circumstances.

Statutory location: Division J, Title III



Other Programs

Funding in this section is grouped by agency, with an additional subchapter on the Environmental Protection Agency's solid waste recycling programs. This chapter is not inclusive of all regional commission funding in the Bipartisan Infrastructure Law for commissions that received less than \$100 million.



Program Name	Agency Name	Funding Amount
Appalachian Regional Commission Funds	Appalachian Regional Commission	\$800,000,000
Appalachian Area Development: Allocations to ARC States	Appalachian Regional Commission	\$100,000,000
Appalachian Area Development: Regional MultiState Initiative	Appalachian Regional Commission	\$80,000,000
Appalachian Area Development: Community Capacity Initiative	Appalachian Regional Commission	\$10,000,000
Delta Regional Authority	Delta Regional Authority	\$150,000,000
Denali Commission Funding	Denali Commission	\$67,750,000
Denali Commission: Village Infrastructure Protection	Denali Commission	\$5,000,000
Denali Commission: Workforce Development	Denali Commission	\$2,000,000
Northern Border Regional Commission	Northern Border Regional Commission	\$150,000,000
Southeast Crescent Regional Commission Funding	Southeast Crescent Regional Commission	\$5,000,000
Secure Rural Schools	Department of Agriculture	\$585,000,000
State Forest Action Plans	Department of Agriculture	\$200,000,000
Landscape Scale Restoration Water Quality and Fish Passage	Department of Agriculture	\$80,000,000
Recreation Sites	Department of Agriculture	\$55,000,000
Temporary Water Crossing Structures	Department of Agriculture	\$50,000,000
Bioproduct Pilot Program	Department of Agriculture	\$10,000,000
Fish Passage	Department of Commerce	\$400,000,000
Pacific Coastal Salmon Recovery Fund	Department of Commerce	\$172,000,000
Marine Debris	Department of Commerce	\$150,000,000
National Estuarine Research Reserve System	Department of Commerce	\$77,000,000
Regional Ocean Partnerships	Department of Commerce	\$56,000,000
Marine Debris	Department of Commerce	\$50,000,000
Consultations and Permitting	Department of Commerce	\$20,000,000
Manufacturing Leadership (Sec 40534)	Department of Energy	\$50,000,000
Low Income Home Energy Assistance Program	Department of Health and Human Services	\$500,000,000
Good Neighbor Agreements with States and Tribes	Department of the Interior	\$40,000,000
Growing State Apportionments	Department of Transportation	\$2,055,665,467
Growing States and High-Density States Formula	Department of Transportation	\$1,822,948,622
Bureau of Transportation Statistics	Department of Transportation	\$132,500,000
Training & Education	Department of Transportation	\$127,500,000
Asset Concessions	Department of Transportation	\$100,000,000
Technology & Innovation Deployment Program	Department of Transportation	\$90,000,000
Prioritization Process Pilot Program	Department of Transportation	\$50,000,000
Gulf Hypoxia	Environmental Protection Agency	\$60,000,000
Solid Waste Infrastructure for Recycling Infrastructure Grants	Environmental Protection Agency	\$275,000,000
Reduce, Reuse, Recycling Education and Outreach Grants	Environmental Protection Agency	\$75,000,000



Battery Labeling Guidelines	Environmental Protection Agency	\$15,000,000
Battery Recycling Best Practices	Environmental Protection Agency	\$10,000,000
TOTAL - OTHER PROGRAMS		\$8,678,364,089



Regional Commission Programs



Appalachian Regional Commission Funds

Federal Agency: Appalachian Regional Commission

Bureau or Account: Appalachian Regional Commission

Funding amount: \$800,000,000

Period of availability: Available until expended

Funding mechanism: Grant, Cooperative Agreement

New program: No

Recipients: States and local governments, Non-Profits both with and without 501c3 status

Description: The Appalachian Regional Commission is engaged in planning for the allocation of Bipartisan Infrastructure Law advance appropriations for fiscal years 2023, 2024, 2025 and 2026. Programs funded by those appropriations will support activities that help bring the 13-State Appalachian Region into economic parity with the Nation. The Appalachian Regional Commission States are Alabama, Georgia, Kentucky, Maryland, Mississippi, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia, and West Virginia.

Eligible uses: Eligible uses are expected to support the Appalachian Regional Commission goals of Building Appalachian Businesses; Building Appalachia's Workforce Ecosystem; Building Appalachia's Infrastructure; Building Regional Culture and Tourism; and Building Community Leaders and Capacity.

Federal cost share requirement: Maximum Appalachian Regional Commission share ranges from 30 percent-80 percent, depending on the county's level of economic distress. Appalachian Regional Commission participation can increase the allowable Federal share up to 100 percent in a grant. Waivers are available in some circumstances.

Statutory location: Division J, Title III



Appalachian Area Development: Allocations to ARC States

Federal Agency: Appalachian Regional Commission

Bureau or Account: Appalachian Regional Commission

Funding amount: \$100,000,000

Period of availability: Available until expended

Funding mechanism: Grant, Cooperative Agreement

New program: No

Recipients: States and local governments, Non-Profits both with and without 501c3 status

Description: Program will provide Area Base Development Program grant allocations to Appalachian Regional Commission States for activities that help bring the 13-State Appalachian Region into economic parity with the Nation. Each State will operate its own competitive application process. The Appalachian Regional Commission States are Alabama, Georgia, Kentucky, Maryland, Mississippi, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia, and West Virginia.

Eligible uses: Eligible uses will support the Appalachian Regional Commission goals of Building Appalachian Businesses; Building Appalachia's Workforce Ecosystem; Building Appalachia's Infrastructure; Building Regional Culture and Tourism; and Building Community Leaders and Capacity.

Federal cost share requirement: Maximum Appalachian Regional Commission share ranges from 30 percent-80 percent, depending on the county's level of economic distress. Appalachian Regional Commission participation can increase the allowable Federal share up to 100 percent in a grant. Waivers are available in some circumstances.

Statutory location: Division J, Title III



Appalachian Area Development: Regional MultiState Initiative

Federal Agency: Appalachian Regional Commission

Bureau or Account: Appalachian Regional Commission

Funding amount: \$80,000,000

Period of availability: Available until expended

Funding mechanism: Grant, Cooperative Agreement

New program: No

Recipients: States and local governments, Non-Profits both with and without 501c3 status

Description: Program will provide support for multiState regional economic and community development projects throughout the Appalachian Regional Commission region through planning and implementation grants reviewed and awarded on a rolling basis.

Eligible uses: Eligible uses will support the Appalachian Regional Commission goals of Building Appalachian Businesses; Building Appalachia's Workforce Ecosystem; Building Appalachia's Infrastructure; Building Regional Culture and Tourism; and Building Community Leaders and Capacity.

Federal cost share requirement: Maximum Appalachian Regional Commission share ranges from 30 percent-80 percent, depending on the county's level of economic distress. Appalachian Regional Commission participation can increase the allowable Federal share up to 100 percent in a grant. Waivers are available in some circumstances.

Statutory location: Division J, Title III



Appalachian Area Development: Community Capacity Initiative

Federal Agency: Appalachian Regional Commission

Bureau or Account: Appalachian Regional Commission

Funding amount: \$10,000,000

Period of availability: Available until expended

Funding mechanism: Grant, Cooperative Agreement

New program: No

Recipients: States and local governments, Non-Profits both with and without 501c3 status

Description: Program will build capacity throughout Appalachian communities to enable communities to deploy the substantially increased funding opportunities provided by the Federal Government. Funds will be used for development of large-scale project development assistance including, but not limited to, continuing and expanding on the Commission's current community capacity pilot, providing significant amounts in direct support to Non-Profits, State/Local Governments, and Local Development Districts for community capacity activities, and deploy resources flexibly to meet the growing need for community-specific capacity activities.

Eligible uses: Eligible uses will support the Appalachian Regional Commission goals of Building Appalachian Businesses; Building Appalachia's Workforce Ecosystem; Building Appalachia's Infrastructure; Building Regional Culture and Tourism; and Building Community Leaders and Capacity.

Federal cost share requirement: Maximum Appalachian Regional Commission share ranges from 30 percent-80 percent, depending on the county's level of economic distress. Appalachian Regional Commission participation can increase the allowable Federal share up to 100 percent in a grant. Waivers are available in some circumstances.

Statutory location: Division J, Title III



Delta Regional Authority

Federal Agency: Delta Regional Authority

Bureau or Account: Delta Regional Authority

Funding amount: \$150,000,000

Period of availability: Available until expended

Funding mechanism: Grants

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized), Public Higher-Ed Institutions, Nonprofits with 501(c)(3) status, Nonprofits - without 501(c)(3) status

Description: The Delta Regional Authority is engaged in planning for the allocation of Bipartisan Infrastructure Law appropriations. The Authority's existing programs focus on public infrastructure improvements, workforce development, and business development. The Delta Regional Authority States are Alabama, Arkansas, Illinois, Kentucky, Louisiana, Mississippi, Missouri, and Tennessee. For more information, contact info@dra.gov.

Eligible uses: Eligible uses will be determined at a future date but may include planning, infrastructure activities, telehealth, water, sewer, other public utilities, and broadband.

Federal cost share requirement: Maximum Delta Regional Authority share is 100 percent for infrastructure projects in a distressed area or 10 percent for workforce development or business development projects in distressed or non-distressed areas. Delta Regional Authority participation can increase the allowable Federal share up to 100 percent in a grant. Waivers are available in some circumstances.

Statutory location: Division J, Title III



Denali Commission Funding

Federal Agency: Denali Commission

Bureau or Account: Denali Commission

Funding amount: \$67,750,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized), Public Higher-Ed Institutions, Public Housing Authorities, Indian Housing Authorities, Nonprofits with 501(c)(3) status, Nonprofits - without 501(c)(3) status

Description: The Denali Commission is currently planning for the allocation of these Bipartisan Infrastructure Law funds.

Eligible uses: Eligible uses may include job training and other economic development services in rural communities, provide power generation, transmission facilities, modern communication systems, water and sewer systems and other infrastructure needs.

Federal cost share requirement: Maximum Denali share is 50 percent or 80 percent, depending on the community's level of economic distress. Waivers are available in some circumstances.

Statutory location: Division J, Title III



Denali Commission: Village Infrastructure Protection

Federal Agency: Denali Commission

Bureau or Account: Denali Commission

Funding amount: \$5,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized), Public Higher-Ed Institutions, Public Housing Authorities, Indian Housing Authorities, Nonprofits with 501(c)(3) status, Nonprofits - without 501(c)(3) status

Description: Program to assist rural Alaskan communities that are threatened by erosion, flooding and permafrost degradation.

Eligible uses: Construction, planning and workforce development.

Federal cost share requirement: Maximum Denali share is 50 percent or 80 percent, depending on the community's level of economic distress. Waivers are available in some circumstances.

Statutory location: Division J, Title III



Denali Commission: Workforce Development

Federal Agency: Denali Commission

Bureau or Account: Denali Commission

Funding amount: \$2,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized), Public Higher-Ed Institutions, Public Housing Authorities, Indian Housing Authorities, Nonprofits with 501(c)(3) status, Nonprofits - without 501(c)(3) status

Description: Program aimed at enhancing relevant skills of rural Alaskan community members to meet current demands.

Eligible uses: Workforce development.

Federal cost share requirement: Maximum Denali share is 50 percent or 80 percent, depending on the community's level of economic distress. Waivers are available in some circumstances.

Statutory location: Division J, Title III



Northern Border Regional Commission

Federal Agency: Northern Border Regional Commission

Bureau or Account: Northern Border Regional Commission

Funding amount: \$150,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized), Tribal Governments (other than Federally recognized), Independent School Districts, Public Higher-Ed Institutions, Private Higher-Ed Institutions, Public Housing Authorities, Indian Housing Authorities, Nonprofits with 501(c)(3) status, Nonprofits - without 501(c)(3) status

Description: The Northern Border Regional Commission catalyzes regional, collaborative, and transformative community economic development approaches that alleviate economic distress and position the region for economic growth.

Eligible uses: Eligible uses are pending final decisions, but may include: Transportation Infrastructure; Basic Public Infrastructure; Telecommunications Infrastructure; Renewable and Alternative Energy Sources

Federal cost share requirement: Maximum Northern Border Regional Commission share is 50 percent or 80 percent, depending on the community's level of economic distress. Waivers are available in some circumstances.

Statutory location: Division J, Title III



Southeast Crescent Regional Commission Funding

Federal Agency: Southeast Crescent Regional Commission

Bureau or Account: Southeast Crescent Regional Commission

Funding amount: \$5,000,000

Period of availability: Available until expended

Funding mechanism:

New program:

Recipients:

Description: The Southeast Crescent Regional Commission is engaged in planning for the allocation of Bipartisan Infrastructure Law appropriations. Southeast Crescent Regional Commission States are Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina, and Virginia.

Eligible uses: Eligible uses will be determined at a future date.

Federal cost share requirement: Maximum Southeast Crescent Regional Commission share is 50 percent or 80 percent, depending on the community's level of economic distress. Waivers are available in some circumstances.

Statutory location: Division J, Title III



Departments of Commerce, Agriculture & Energy Programs



Secure Rural Schools

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$585,000,000

Period of availability: Available until expended

Funding mechanism: Grant/Financial Assistance

New program: No

Recipients: States and Counties

Description: The Secure Rural Schools program provides critical funding for schools, roads, and other municipal services to more than 700 counties across the United States and Puerto Rico.

Eligible uses: Payments to States

Federal cost share requirement: No non-Federal cost share required

Statutory location: 41202



State Forest Action Plans

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$200,000,000

Period of availability: Each annual \$40 million tranche has a 4 year period of availability

Funding mechanism: Grants

New program: No

Recipients: States and Territories

Description: To implement State Forest Action Plans. State plans were revised in 2020 for all 59 States and territories—they offer practical and comprehensive roadmaps for investing Federal, State, local, and private resources where they can be most effective in achieving national conservation goals.

Eligible uses: Those activities identified in State Forest Action plans.

Federal cost share requirement: Yes. Waivers are available.

Statutory location: Division J, Title VI



Landscape Scale Restoration Water Quality and Fish Passage

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$80,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: This program improves fish and wildlife habitat connectivity and helps to recover Endangered Species Act-listed or Endangered Species Act candidate species that depend on National Forest System lands.

Eligible uses: High priority habitats on National Forest System lands.

Federal cost share requirement: Varies. Waivers are not available.

Statutory location: 40804



Recreation Sites

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$55,000,000

Period of availability: Available until expended

Funding mechanism: Direct Federal Spending

New program: No

Recipients: Forest Service Funding

Description: Recreation Management. The recreation program administers recreation sites, including campgrounds and day-use areas, and special use authorizations, such as ski lodges, resorts, and outfitter guides. This program provides recreational access to over 193 million acres on national forest lands containing more than 27,000 campgrounds, picnic areas, trailheads, and day-use areas; 220,000 miles of fishable streams; and 122 ski areas.

Eligible uses: Increasing capacity for critical recreation operations, planning, services, and improvements, with particular emphasis on creating welcoming, sustainable, and equitable recreation opportunities for all Americans.

Federal cost share requirement: Varies. Waivers are not available.

Statutory location: 40804



Temporary Water Crossing Structures

Federal Agency: Department of Agriculture

Bureau or Account: Forest Service

Funding amount: \$50,000,000

Period of availability: Each annual \$10 million tranche has a 4 year period of availability

Funding mechanism: Grant

New program: Yes

Recipients: States, Tribes

Description: Under development

Eligible uses: Under development

Federal cost share requirement: Federal cost share for grants

Statutory location: 40804



Bioproduct Pilot Program

Federal Agency: Department of Agriculture

Bureau or Account: Office of the Secretary

Funding amount: \$10,000,000

Period of availability: Available until expended - \$5 million in 2022 and \$5 million in 2023

Funding mechanism: Grants - Non-Federal

New program: Yes

Recipients: Bioproduct research facilities that: a) is funded in part by a State; b) is located within 3 miles from residence halls of an institution of higher education; c) provides opportunities for student involvement in research; d) collaborates with an institution of higher education.

Description: Determine the economic, social, and environmental benefits of using materials derived from agricultural commodities (bioproducts) in the development and manufacturing of construction or consumer products.

Eligible uses: Bioproduct research facilities that: a) is funded in part by a State; b) is located within 3 miles from residence halls of an institution of higher education; c) provides opportunities for student involvement in research; d) collaborates with an institution of higher education.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 70501



Fish Passage

Federal Agency: Department of Commerce

Bureau or Account: National Oceanic and Atmospheric Administration

Funding amount: \$400,000,000

Period of availability: 2 years for each annual tranche

Funding mechanism: Grant

New program: No

Recipients: Non-Profit 501(C) Organizations, State and Territorial Government Agencies, Local Governments, Municipal Governments, Tribal Governments and Organizations, Educational Institutions, Or Commercial (For-Profit) Organizations

Description: Restoring fish passage by removing in-stream barriers and providing technical assistance pursuant to section 117 of the Magnuson-Stevens Fishery Conservation and Management Reauthorization Act of 2006 (16 U.S.C. 1891a).

Eligible uses: On the ground fish passage restoration projects, engineering and design, future project development phases, and building the capacity of new and existing restoration partners to design projects and manage multi-faceted construction efforts

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title II



Pacific Coastal Salmon Recovery Fund

Federal Agency: Department of Commerce

Bureau or Account: National Oceanic and Atmospheric Administration

Funding amount: \$172,000,000

Period of availability: 2 year

Funding mechanism: Grant

New program: No

Recipients: States and Tribes

Description: The Pacific Coastal Salmon Recovery Fund was established by Congress in 2000 to reverse the declines of Pacific salmon and steelhead. The program supports conservation efforts in California, Oregon, Washington, Idaho, and Alaska. It is essential to preventing the extinction of the 28 listed salmon and steelhead species on the West Coast.

Eligible uses: Actions to support the recovery and protection of declining salmon stocks.

Federal cost share requirement: 2:1 Federal / non-Federal. Waivers are available.

Statutory location: Division J, Title II



Marine Debris

Federal Agency: Department of Commerce

Bureau or Account: National Oceanic and Atmospheric Administration

Funding amount: \$150,000,000

Period of availability: 2 years for each annual tranche

Funding mechanism: Various

New program: No

Recipients: Non-Profit 501(C) Organizations, State and Territorial Government Agencies, Local Governments, Municipal Governments, Tribal Governments and Organizations, Educational Institutions, Or Commercial (For-Profit) Organizations

Description: The mission of the National Oceanic and Atmospheric Administration Marine Debris Program is to investigate and prevent the adverse impacts of marine debris. The National Oceanic and Atmospheric Administration Marine Debris Program envisions the global ocean and its coasts free from the impacts of marine debris.

Eligible uses: Removal and cleanup of significant legacy debris such as abandoned and derelict vessels and derelict fishing gear, as well other priority debris types, that pose a threat to National Oceanic and Atmospheric Administration trust resources, the economy or navigation safety. Prevention of the re-accumulation of marine debris, as well as preventing common consumer debris from entering the marine environment. Assessment of the scope, scale, and distribution of marine debris in the environment through marine debris monitoring and detection investments.

Federal cost share requirement: 1:1 Federal / non-Federal. Waivers are available.

Statutory location: Division J, Title II



National Estuarine Research Reserve System

Federal Agency: Department of Commerce

Bureau or Account: National Oceanic and Atmospheric Administration

Funding amount: \$77,000,000

Period of availability: 2 years for each annual tranche

Funding mechanism: Grant

New program: No

Recipients: State (Includes District Of Columbia, Public Institutions Of Higher Education And Hospitals); U.S. Territories And Possessions; U.S. Territories And Possessions (Includes Institutions Of Higher Education And Hospitals); State; Any Coastal State, Including Those That Border The Great Lakes, And Including Puerto Rico, The U.S. Virgin Islands, Guam, American Samoa, The Commonwealth Of The Northern Mariana Islands, And The Freely Associated States Of The Pacific Whose Coastal Zone Management Program Has Been Approved By The Secretary Of Commerce. The Governor shall designate the State Agency or Entity that is to be the Applicant.

Description: The National Estuarine Research Reserve System consists of estuarine areas of the United States and its territories designated and managed for research and educational purposes, called Reserves. Each Reserve within the National Estuarine Research Reserve System is chosen to represent a different biogeographic region and to include a variety of ecosystem types in accordance with the classification scheme of the national program as specified in 15 CFR 921.

Eligible uses: Coastal habitat restoration; coastal habitat restoration planning, engineering and design; land conservation

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title II



Regional Ocean Partnerships

Federal Agency: Department of Commerce

Bureau or Account: National Oceanic and Atmospheric Administration

Funding amount: \$56,000,000

Period of availability: 2 years for each annual tranche

Funding mechanism: Contract, Cooperative Agreement

New program: No

Recipients: States, Territories, Tribal Governments

Description: Regional Ocean Partnerships are regional organizations voluntarily convened by governors working in collaboration with other governments (including Tribal, Federal, and local) and stakeholders to address ocean and coastal issues of common concern in that region. Regional Ocean Partnerships, along with equivalent organizations such as Integrated Ocean Observing System Regional Associations, also serve to enhance associated sharing and integration of Federal and non-Federal data.

Eligible uses: Implementation of Regional Ocean Partnership priority actions identified in Regional Ocean Partnership work plans; regional capacity for sharing and integration of Federal and non-Federal data

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title II



Marine Debris

Federal Agency: Department of Commerce

Bureau or Account: National Oceanic and Atmospheric Administration

Funding amount: \$50,000,000

Period of availability: 2 years for each annual tranche

Funding mechanism: Grant

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally Recognized), Tribal Governments (Other Than Federally Recognized), Public Higher-Ed Institutions, Private Higher-Ed Institutions, Nonprofits With 501(C)(3) Status, Nonprofits - Without 501(C)(3) Status, Small Businesses, Businesses (Other Than Small Businesses), And / Or Individuals

Description: The mission of the National Oceanic and Atmospheric Administration Marine Debris Program is to investigate and prevent the adverse impacts of marine debris. The National Oceanic and Atmospheric Administration Marine Debris Program envisions the global ocean and its coasts free from the impacts of marine debris.

Eligible uses: Research (physical and social science, engineering, and legal) and increasing capacity and expertise through education to eliminate barriers to marine debris prevention and removal.

Federal cost share requirement: 1:2 Federal / non-Federal. Waivers are available.

Statutory location: Division J, Title II



Consultations and Permitting

Federal Agency: Department of Commerce

Bureau or Account: National Oceanic and Atmospheric Administration

Funding amount: \$20,000,000

Period of availability: 2 years for each annual tranche

Funding mechanism: Various

New program: No

Recipients: Internal

Description: The National Marine Fisheries Service conducts consultations with Federal action agencies under both the Endangered Species Act and the Magnuson-Stevens Fishery Conservation and Management Act. National Oceanic and Atmospheric Administration Fisheries also authorizes take under the Marine Mammal Protection Act. Completion of these consultations will enable the Administration to advance priorities to improve the Nation's infrastructure while ensuring the conservation of our most vulnerable species and important habitats.

Eligible uses: Capacity for consultations and incidental harassment authorizations for infrastructure projects planned by other Federal agencies

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title II



Manufacturing Leadership (Sec 40534)

Federal Agency: Department of Energy
Bureau or Account: Energy Programs

Funding amount: \$50,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: States

Description: To provide funding to States to provide assistance to small and medium manufacturers to invest in smart manufacturing technologies or access high-performance computing resources for manufacturing analysis.

Eligible uses: (1) To facilitate access to high-performance computing resources for small and medium manufacturers; and (2) to provide financial assistance to small and medium manufacturers to implement smart manufacturing technologies and practices

Federal cost share requirement: 30 percent

Statutory location: 40534



Departments of Health & Human Services and the Interior Programs



Low Income Home Energy Assistance Program

Federal Agency: Department of Health and Human Services

Bureau or Account: Administration for Children and Families

Funding amount: \$500,000,000

Period of availability: 2022 - 2026

Funding mechanism: Grant

New program: No

Recipients: States, Territories, Tribal Governments (Federally recognized), Tribal Governments (other than Federally recognized), Indian Housing Authorities, and Consortia Authorized to Administer the Program by Eligible Tribal Entities

Description: The Low-Income Home Energy Assistance Program assists eligible low-income households with their heating and cooling energy costs, bill payment assistance, energy crisis assistance, weatherization and energy-related home repairs.

Eligible uses: The Low-Income Home Energy Assistance Program provides Federally funded assistance in managing costs associated with home energy bills, energy crises, weatherization and energy-related minor home repairs.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VII



Good Neighbor Agreements with States and Tribes

Federal Agency: Department of the Interior

Bureau or Account: Office of the Secretary

Funding amount: \$40,000,000

Period of availability: Funding available until expended for total amount across entire Program (\$905 million), but portions of the total are allocated to specific fiscal years, each with a different period of availability

Funding mechanism: Good Neighbor Agreements

New program: Yes

Recipients:

Description: Program for State and Tribes to implement restoration projects on Federal lands pursuant to "Good Neighbor Agreements"

Eligible uses: Restoration projects on Federal lands

Federal cost share requirement: No non-Federal cost share required

Statutory location: 40804



Department of Transportation Programs



Growing State Apportionments

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$2,055,665,467

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized)

Description: An additional formula funding component that is then added to either the 5307 or 5311 formula funding.

Eligible uses: Planning, Capital, Operating Assistance

Federal cost share requirement: Varies. Waivers are not available.

Statutory location: 30017



Growing States and High-Density States Formula

Federal Agency: Department of Transportation

Bureau or Account: Federal Transit Administration

Funding amount: \$1,822,948,622

Period of availability: Available until expended

Funding mechanism: Grant

New program: No

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized)

Description: An additional formula funding component that is then added to either the 5307 or 5311 formula funding.

Eligible uses: Planning, Capital, Operating Assistance

Federal cost share requirement: Varies. Waivers are not available.

Statutory location: 30017



Bureau of Transportation Statistics

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$132,500,000

Period of availability: Available until expended

Funding mechanism: Grants, Cooperative Agreements, other contracts

New program: No

Recipients: Bureau of Transportation Statistics

Description: The Bureau of Transportation Statistics is the preeminent source of statistics on commercial aviation, multimodal freight activity, and transportation economics, and provides context to decision makers and the public for understanding statistics on transportation.

Eligible uses: The Bureau of Transportation Statistics promotes innovative methods of data collection, analysis, visualization, and dissemination to improve operational efficiency, to examine emerging topics, and to create relevant and timely information products that foster understanding of transportation and its transformational role in society.

Federal cost share requirement: Not specified

Statutory location: 11101; 25004



Training & Education

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$127,500,000

Period of availability: Available until expended

Funding mechanism: Grants, Cooperative Agreements, other contracts

New program: No

Recipients: Federal Highway Administration Research, Technology, and Education Program

Description: The Training and Education Program provides resources for the development and delivery of technical assistance, training, professional development, and education programs to improve the professional capacity of the workforce that manages, develops and maintains the Nation's highway system.

Eligible uses: Development and delivery of technical assistance, training, professional development, and education programs

Federal cost share requirement: 50 percent Federal share/50 percent non-Federal for local technical assistance centers; 100 percent Federal for Tribal technical assistance centers; 100 percent Federal for surface transportation workforce development, training, and education. Waivers are available.

Statutory location: 11101



Asset Concessions

Federal Agency: Department of Transportation

Bureau or Account: Office of the Secretary

Funding amount: \$100,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: States, Counties, Cities / Townships, Special Districts, Tribal Governments (Federally recognized), Tribal Governments (other than Federally recognized), Independent School Districts, Public Higher-Ed Institutions, Private Higher-Ed Institutions, Public Housing Authorities, Indian Housing Authorities, Nonprofits with 501(c)(3) status, Nonprofits - without 501(c)(3) status, Small Businesses, Businesses (other than small businesses), and / or Individuals

Description: TBD - New Program

Eligible uses: An eligible entity may use amounts made available from a grant under this section for technical assistance to build the organizational capacity of the eligible entity to develop, review, or enter into an asset concession.

Federal cost share requirement: 100 percent

Statutory location: 71001



Technology & Innovation Deployment Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$90,000,000

Period of availability: Available until expended

Funding mechanism: Grants, Cooperative Agreements, other contracts

New program: No

Recipients: Federal Highway Administration Research, Technology, and Education Program

Description: The Technology & Innovation Deployment Program turns research products into proven technologies that address emerging needs, invest in the Nation's infrastructure, and promote rapid adoption of proven, market-ready technologies and innovations.

Eligible uses: Funds efforts to advance research products into proven technologies and demonstrated practices; identify the market forces that will influence successful technology and innovation deployment; and plan and deliver effective technical assistance, training, communication and outreach to promote rapid adoption of proven, market-ready technologies and innovations.

Federal cost share requirement: 80 percent Federal / 20 percent non-Federal. Waivers are available if there is substantial public interest/benefit (23 U.S.C. 502(c)(3)).

Statutory location: 11101



Prioritization Process Pilot Program

Federal Agency: Department of Transportation

Bureau or Account: Federal Highway Administration

Funding amount: \$50,000,000

Period of availability: 4 year

Funding mechanism: Grant

New program: Yes

Recipients: States and Metropolitan Planning Organizations serving an urbanized area with a population of >200,000

Description: Pilot program to support data-driven approaches to planning that can be evaluated for public benefit.

Eligible uses: The Prioritization Process Pilot Program will award grants to selected States and Metropolitan Planning Organizations to fund the development and implementation of publicly accessible, transparent prioritization processes to assess and score projects according to locally determined priorities, and to use such evaluations to inform the selection of projects to include in transportation plans.

Federal cost share requirement: See 23 U.S.C. 120 (default)

Statutory location: 11101; 11204



Environmental Protection Agency Programs



Gulf Hypoxia

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$60,000,000

Period of availability: Available until expended

Funding mechanism: Grant

New program: Yes

Recipients: 12 State Members of Gulf Hypoxia Task Force (Along Mississippi Corridor/Gulf of Mexico)

Description: The Gulf of Mexico Hypoxia Task Force includes Federal and State agencies and the Tribes. Federal agencies include those with responsibilities over activities in the Mississippi River and its basin, and in the Gulf of Mexico. The Plan has a near-term target of reducing nutrient-loading to the Gulf of Mexico from the basin by 20 percent by 2025, and a long-term goal of limiting the Gulf hypoxic zone to an average annual size of less than 5,000 square kilometers by 2035.

Eligible uses:

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI

Note: This program was called 'Gulf Hypoxia Action Plan' in previous versions of this Guidebook.



Solid Waste Management and Recycling

Challenge: Approximately half of global greenhouse gas emissions are the result of natural resource extraction and processing. Increasing recycling reduces climate, environmental, and social impacts of materials use, and keeps valuable resources in use instead of in landfills. Municipal solid waste management has long suffered from a lack of investment. Some communities that lack waste management infrastructure do not have curbside waste collection services, recycling, or composting programs, which increases the burden on our landfills, decreases their capacity, and increases greenhouse gas emissions. Mismanaged waste also can compound social and economic conditions in historically underserved and overburdened communities. Batteries can start fires throughout the municipal waste management system from transportation, transfer facilities, to materials recycling facilities, scrap yards, and landfills, causing air pollution issues in already overburdened communities and threatening worker and first responder safety. When discarded improperly, such as in household trash or recycling, critical materials inside batteries are lost and cannot be recycled into new batteries.

Solutions: The Bipartisan Infrastructure Law is a historic investment in the health, equity, and resilience of American communities. With unprecedented funding to support local waste management infrastructure and recycling programs, this funding will help expand access to recycling and composting programs nationwide, modernize existing solid waste management infrastructure, improve consumer education and outreach, and help reduce contamination of the recycling and organics waste streams. By establishing a common set of best practices for battery recycling and a voluntary battery labeling program, the funding also will help make it easier for the American people to recycle their batteries while keeping workers, nearby communities, and waste management and recycling facilities safe.

Funding Overview: This funding falls into four major areas covered under this section – (1) The Solid Waste Infrastructure for Recycling Grants (\$275 million), (2) Reduce, Reuse and Recycle Education and Outreach Grants (\$75 million), (3) Battery Collection Best Practices (\$10 million), and (4) Voluntary Battery Labeling Guidelines (\$15 million).

- **Solid Waste Infrastructure for Recycling:** The Bipartisan Infrastructure Law provides \$275 million for grants under section 302(a) of the Save Our Seas 2.0 Act (Public Law 116–224) (\$55 million/year from fiscal year 2022–2026 to remain available until expended). These funds may be used to: implement the strategy developed under section 301(a) of the Save Our Seas 2.0 Act, support improvements to local post-consumer materials management, including municipal recycling programs, and assist local waste management authorities in making improvements to local waste management systems.



- **Reduce, Reuse, Recycle Education and Outreach Grants** - The Bipartisan Infrastructure Law provides \$75 million (\$15 million per year from fiscal year 2022 to 2026 to remain available until expended) to award grants focused on improving the effectiveness of residential and community recycling programs through public education and outreach. Funded projects should inform the public about residential or community recycling programs, provide information about the recycled materials that are accepted, increase collection rates and decrease contamination.
- **Battery Collection Best Practices** - Provides \$10 million for fiscal year 2022, to remain available until September 30, 2026, for the Environmental Protection Agency to develop best practices that may be implemented by State, Tribal, and local governments with respect to the collection of batteries.
- **Voluntary Battery Labeling Guidelines** - Provides \$15 million for fiscal year 2022 for a program to develop voluntary labeling guidelines for batteries and other forms of communication materials for battery producers and consumers about the reuse and recycling of critical materials from batteries.

Getting Ready: Eligible recipients should begin thinking about the solid waste management infrastructure needs to advance their programs.

Existing Resources: This is a series of new programs.



Solid Waste Infrastructure for Recycling Infrastructure Grants

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$275,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreements and/or Grants

New program: Yes

Recipients: States (including the District of Columbia, a territory or possession of the United States, or any political subdivision of a State, Tribe, or territory), Tribes, InterTribal Consortia consistent with the requirements in 40 CFR 35.504(A), Former Indian Reservations in Oklahoma (As Determined by The Secretary of The Interior), and Alaskan Native Villages as defined in Public Law 92–203.

Description: Communities across the country are burdened by pollution impacts from inefficient waste management systems. This historic investment will transform recycling and solid waste management across the country while creating jobs.

Eligible uses: Provide grants to implement a strategy to improve post-consumer materials management and infrastructure; support improvements to local post-consumer materials management and recycling programs; and assist local waste management authorities in making improvements to local waste management systems.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 70402



Reduce, Reuse, Recycling Education and Outreach Grants

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$75,000,000

Period of availability: Available until expended

Funding mechanism: Cooperative Agreements and/or Grants

New program: Yes

Recipients: States, a Unit of Local Government, Tribal Governments (Federally recognized), A Native Hawaiian Organization, The Department of Hawaiian Homelands, The Office of Hawaiian Affairs, A Non-Profit Organization, Or A Public-Private Partnership

Description: Communities across the country are burdened by pollution impacts from inefficient waste management systems. This historic investment will transform public education and outreach regarding how to reduce, reuse, and recycle right.

Eligible uses: To award grants focused on improving material recycling, recovery, management, and reduction. To improve the effectiveness of residential and community recycling programs through public education and outreach. Funded projects should inform the public about residential or community recycling programs, provide information about the recycled materials that are accepted, increase collection rates and decrease contamination.

Federal cost share requirement: No non-Federal cost share required

Statutory location: 70402



Battery Labeling Guidelines

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$15,000,000

Period of availability: fiscal year 2022, to remain available until September 30, 2026.

Funding mechanism: Contracts

New program: Yes

Recipients: N/A

Description: This investment will promote the safe handling of used batteries and improve battery recycling programs. Establishes a program to promote battery recycling through the development of voluntary labeling guidelines for batteries and other forms of communication materials for battery producers and consumers about the reuse and recycling of critical materials from batteries. The purposes of the program are to improve battery collection and reduce battery waste, including by identifying battery collection locations and increasing accessibility to those locations; promoting consumer education about battery collection and recycling; and reducing safety concerns relating to the improper disposal of batteries.

Eligible uses: Establishes a program to promote battery recycling through the development of voluntary labeling guidelines for batteries and other forms of communication materials for battery producers and consumers about the reuse and recycling of critical materials from batteries. The purposes of the program are to improve battery collection and reduce battery waste, including by identifying battery collection locations and increasing accessibility to those locations; promoting consumer education about battery collection and recycling; and reducing safety concerns relating to the improper disposal of batteries.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Battery Recycling Best Practices

Federal Agency: Environmental Protection Agency

Bureau or Account: Environmental Protection Agency

Funding amount: \$10,000,000

Period of availability: fiscal year 2022, to remain available until September 30, 2026.

Funding mechanism: Contracts

New program: Yes

Recipients: N/A

Description: This investment will promote the safe handling of used batteries and improve battery recycling programs. The Environmental Protection Agency will develop best practices that may be implemented by State, Tribal, and local governments with respect to the collection of batteries to be recycled in a manner that to the maximum extent practicable, is technically and economically feasible for State, Tribal, and local governments; is environmentally sound and safe for waste management workers; and optimizes the value and use of material derived from recycling of batteries. The Environmental Protection Agency will develop the best practices in coordination with State, Tribal, and local governments and relevant nongovernmental and private sector entities.

Eligible uses: The Administrator shall develop best practices that may be implemented by State, Tribal, and local governments with respect to the collection of batteries to be recycled in a manner that to the maximum extent practicable, is technically and economically feasible for State, Tribal, and local governments; is environmentally sound and safe for waste management workers; and optimizes the value and use of material derived from recycling of batteries.

Federal cost share requirement: No non-Federal cost share required

Statutory location: Division J, Title VI



Appendix



Agency Contact Information

White House Infrastructure Implementation Team: infrastructure@who.eop.gov

Department of Transportation: intergov@dot.gov

Department of Energy: DL-RegionalSpecialists@hq.doe.gov

Environmental Protection Agency: State&Local@epa.gov

Department of Interior: OIEA@ios.doi.gov

Department of Commerce: CommerceIGA@doc.gov

Department of Agriculture: EIA@usda.gov

Department of Homeland Security: dhs.iga@hq.dhs.gov

Department of Health & Human Services: [Contacts for Division of Energy Assistance](#)

Appalachian Regional Commission: info@arc.gov

Denali Commission: projects@denali.gov

Delta Regional Authority: info@dra.gov

Northern Border Regional Commission: admin@nbrc.gov

Southeast Crescent Regional Commission: info@scrc.gov



Supporting Underserved Communities

For many underserved communities across the country, the Bipartisan Infrastructure Law presents a unique opportunity to apply for and receive significant Federal funding to rectify the harms of decades of disinvestment. For communities of color, environmental justice communities, energy communities, communities experiencing persistent poverty and inequality, rural communities, disability communities, Tribal Nations, and U.S. territories, the Bipartisan Infrastructure Law presents a once-in-a-generation opportunity to make long overdue investments in local infrastructure, while narrowing the racial and gender wealth gap, expanding economic opportunity, and advancing climate justice. A primary goal of this guidebook is to make it easier for underserved and overburdened communities who may have more limited municipal capacity to navigate the funding available under the law and help launch local planning efforts.

To ensure that the Bipartisan Infrastructure Law advances equity, racial justice, gender equality, and environmental justice, agencies will take steps to ensure that every program is accessible for underserved communities by providing technical assistance and simplifying the Federal funding process. As stated in Executive Order 14052, Bipartisan Infrastructure Law programs are subject to the President's Justice40 Initiative, which provides that 40 percent of the benefits of relevant climate, clean energy, affordable and sustainable housing, clean water, and other investments flow to disadvantaged communities.

Below is an illustrative, but not comprehensive, set of highly impactful sources of funding that underserved, disadvantaged, low-income, and overburdened communities can utilize to make transformative investments. In addition to this illustrative set of programs, we will continue to develop tools to increase the ability of underserved communities to access equitable investment across all Bipartisan Infrastructure Law programs.

Clean and Drinking Water State Revolving Funds – The law contains nearly \$44 billion to strengthen the nation’s drinking water and wastewater systems through the Environmental Protection Agency’s State Revolving Funds programs. These programs, administered by the State, make grants and loans available to communities for drinking water and wastewater infrastructure investments. In December 2021, Environmental Protection Agency Administrator Michael Regan requested every State target these resources towards disadvantaged communities, particularly those who have struggled to access State Revolving Fund funding in the past. His letter noted that the agency intends to evaluate and approve States’ intended use plans for these funds—strongly urging States to maximize the potential to remove barriers and prioritize the distribution of grant funds to disadvantaged communities. To further aid States, Tribes, local governments and water systems, the Environmental Protection Agency will also provide technical assistance to help disadvantaged communities overcome barriers in applying for and receiving loans and grants through the State Revolving Funds. **The**



Environmental Protection Agency has already released fiscal year 2022 State [allocation tables](#) for the State Revolving Funds.

Superfund Clean-up Program – The Bipartisan Infrastructure Law provides \$3.5 billion for the Environmental Protection Agency’s Superfund program to clean up some of the nation’s most contaminated sites. The Environmental Protection Agency enters contracts and interagency agreements to conduct work at Superfund sites. The Environmental Protection Agency can also award Superfund cooperative agreements with States, Tribes, or local governments to lead or support work in the Superfund program. **Applications are accepted on an ongoing basis.**

Reconnecting Communities – The Bipartisan Infrastructure Law creates a new \$1 billion program at the Department of Transportation to reconnect communities divided by transportation infrastructure – particularly historically disadvantaged communities too often nearly destroyed or cut in half by a highway. This new competitive program will provide dedicated funding to State, local, metropolitan planning organizations, and Tribal governments for planning, design, demolition, and reconstruction of street grids, parks, or other infrastructure to address these legacy impacts.

Natural Gas Distribution Infrastructure Safety & Modernization Grants – This new \$1 billion Department of Transportation program provides funding to municipalities or community owned utilities to repair, rehabilitate, or replace natural gas distribution pipeline systems or to acquire equipment to reduce incidents, fatalities, and economic losses. Funding is prioritized based on the risk profile of the pipelines, potential job creation, and potential benefit to disadvantaged and rural communities.

Energy Improvement in Rural or Remote Areas – This new Department of Energy program will provide \$1 billion to entities in rural or remote areas (defined as cities, towns, or unincorporated areas with fewer than 10,000 inhabitants) to increase environmental protection from the impacts of energy use and improve resilience, reliability, safety, and availability of energy.

Advanced Energy Manufacturing and Recycling Grants – This new \$750 million program at the Department of Energy provides grants to small- and medium-sized manufacturers to enable them to build or retrofit manufacturing and industrial facilities to produce or recycle advanced energy products in communities where coal mines or coal power plants have closed. The law directs the Secretary of Energy to prioritize minority owned businesses.

Solar Research and Development Cooperative Agreements – This existing program at the Department of Energy received \$40 million under the law to fund research, development, demonstration, and commercialization activities to improve solar energy technologies. The law prioritizes projects in economically distressed areas or areas disproportionately affected by pollution, as well as those carried out in collaboration with Tribal organizations, minority-serving institutions, and others.



Direct Benefit Programs

Affordable Connectivity Program – This Federal Communications Commission benefit program, which received \$14.2 billion under the law, helps ensure low-income households can afford access to high speed internet. The program provides an up-to-\$30 monthly benefit to cover a household internet bill, and up to \$75 for eligible households on Tribal lands, as well as a one-time discount of up to \$100 to purchase a laptop, desktop, or tablet computer. **Learn more about the program [here](#).**

Weatherization Assistance Program – This existing Department of Energy program will provide \$3.5 billion to improve home energy efficiency for low-income families, reducing energy costs, improving household comfort and safety, and cutting pollution. The funding flows first to State and Tribal governments, who in turn fund a network of local community action agencies, nonprofit organizations, and local governments that provide the weatherization services. **The first tranche of funds was released in the first quarter of 2022.**

Low Income Home Energy Assistance Program – This existing Department of Health and Human Services program received \$500 million (\$100 million per year for five years) to help assist eligible low-income households with their heating and cooling energy costs, bill payment assistance, energy crisis assistance, weatherization and energy-related home repairs. **State allocations for fiscal year 2022 were announced on January 25th and came on the heels of historic funding for this program in the American Rescue Plan.**



A Letter to Governors on Infrastructure Implementation

Distributed January 4th, 2021

THE WHITE HOUSE

WASHINGTON

Dear Governor,

With the signing of the Bipartisan Infrastructure Law in mid-November, President Biden marked a new era of building a better America together. I am honored and humbled by the President's trust in me to oversee execution of this historic legislation. From bringing high-speed internet to every American, to replacing lead service lines to bring clean water to people's homes, to repairing thousands of roads and bridges, close coordination with Governors like you will be fundamental in the successful delivery of these programs. I'm writing today to share a few updates and offer a suggestion for your consideration in support of our partnership as we approach the new year.

The Infrastructure Implementation Task Force

On the same day he signed the bill into law, the President released an [Executive Order](#) creating an [Infrastructure Implementation Task Force](#) responsible for breaking down barriers and driving implementation of infrastructure investments across all levels of government to realize the President's vision of rebuilding our nation's infrastructure and positioning the U.S. to compete and win in the 21st century. This Task Force will bring together leaders from the federal departments and agencies with the most significant investments in the Bipartisan Infrastructure Law, as well as agencies and White House offices with important responsibilities to support and assist those agencies. I am committed to driving consistency and accountability across agencies and will serve as a point of contact for you and other Governors as questions and challenges arise so we can build a better America in every community without leaving anyone behind.

Considerations as You Prepare for Implementation

One of the early directives we gave each Cabinet Member is to appoint Infrastructure Implementation Coordinators. These individuals are charged with leading the implementation of the various infrastructure programs within their agency, as well as working with other Coordinators across agencies on investments where multiple agencies are involved with implementation. These agency Implementation Coordinators will be available to your team as well.

As we organize ourselves for implementation, we have looked back at lessons learned and best practices from the American Reinvestment and Recovery Act (ARRA) in 2009 and the American Rescue Plan (ARP) earlier this year. During ARRA, the National Governors Association helped develop a network of state representatives to serve as



recovery coordinators. **Given the success of this model and the highly integrated nature of the Bipartisan Infrastructure Law, I humbly request that you consider appointing a high-level person to serve as your state's own Infrastructure Implementation Coordinator.** This individual would work with your budget team and across departments responsible for transportation, water, broadband, and energy investments to coordinate implementation of the various infrastructure programs, perhaps using a structure similar to the Infrastructure Implementation Task Force created by the President.

Also, we hope to look to this network of state representatives as state-level partners to provide my team and our agency partners with ongoing feedback as we advance various programs. We know that needs, capacity, and challenges can vary widely by locality. We need to make sure our programs reflect these realities across your state and our country, and having a senior, single point of contact in your office will help ensure that issues get elevated appropriately and rapidly.

Hit the Ground Running

The Bipartisan Infrastructure Law is historic in its size – the largest ever investments in broadband, rail and transit, clean energy, and water, just to name a few – as well as the breadth of programs and sectors included in the law. The infrastructure law allocated funding to over 100 distinct programs across more than a dozen federal departments and agencies. As you are aware, some programs are brand new while others are existing programs. In our office's first 30 days, we have prioritized getting as much information to you on formula-based, existing programs as possible, as well as long-range plans to help you prepare for what's coming. For example, we released a [Lead Pipe and Paint Action Plan](#) with 15 actions across 10 agencies and our [EV Charging Action Plan](#) to build a national network of 500,000 chargers with a joint office between the Departments of Energy and Transportation. We have also announced a \$21 billion Office of Clean Energy Demonstration. In this short period of time, over \$65 billion is already heading out the door to states and local governments:

- U.S. Department of Transportation (USDOT)/Federal Highway Administration (FHWA) apportioned \$52 billion to states to repair roads & bridges in 2022;
- Environmental Protection Agency (EPA) outlined \$7.4 billion in funding for states to spend on water infrastructure and replace lead pipes in 2022;
- USDOT/Federal Aviation Administration (FAA) announced \$3 billion to modernize 3,075 airports across the country;
- EPA announced \$1 billion in funding to clean up 49 hazardous Superfund sites across 24 states; and
- USDOT awarded \$230 million in Port Infrastructure Development Program Grants to modernize more than 30 port sites across the country.

Additionally, each state can also apply now for \$100 million in grants to support highspeed internet deployment and new funding for orphan wells and mine remediation.



There's a lot to do in the new year. The President has been clear in his charge to me: make sure these programs get implemented without unnecessary bureaucracy and delay to rebuild America's infrastructure – while at the same time being good stewards of taxpayer dollars and working to achieve goals around creating good middle-class jobs, supporting disadvantaged and underserved communities, advancing climate resilience and sustainability, and investing in American manufacturers. In January, our team, in conjunction with the Office of Management and Budget (OMB), will be releasing formal guidance to agencies on financial oversight and reporting, labor, Made in America/Buy America, equity, climate and resilience, and environmental justice. This will help set the policy parameters for much of the discretionary and remaining formula funding in 2022 and beyond. We are also working on a guidebook for both states and local governments to better understand key dates and things you can be doing now to prepare for these programs coming in 2022.

I look forward to working with you in the coming year. Please reach out to my team on any major issues or challenges you have with respect to implementation of the Bipartisan Infrastructure Law. If and when you do appoint a senior implementation lead for your office, we would encourage that person reach out to our team as well. Thank you for your leadership.

Warm regards,

Mitch Landrieu
Senior Advisor and Infrastructure Implementation Coordinator
White House



Recommendations for Mayors on Infrastructure Implementation

Excerpt from U.S. Conference of Mayors Factsheet on how local governments can begin to prepare to receive infrastructure funds – access full factsheet [here](#).

Getting Ready to Apply for and Receive Federal Infrastructure Funds

Building a better America is a shared endeavor no one can do alone, and investing federal infrastructure dollars will require significant coordination between cities, states, Tribal governments, community stakeholders, and other key partners.

In January, the White House Infrastructure Implementation Coordinator [sent a letter to Governors](#) recommending a series of preparatory actions, including appointing infrastructure coordinators to manage the flow of funds to their states. Cities should continue to coordinate across their departments and with metropolitan planning organizations to:

1. Prioritize your community's capital needs and develop a project pipeline – taking time to think about the projects previously considered impossible due to lack of funding or regional coordination. This is a once-in-a-generation funding opportunity that will require bold, inclusive thinking.
2. The Bipartisan Infrastructure Law Guidebook to identify federal funding streams to target.
3. Ensure all transit, railway, road, highway, and bridge projects are a part of your Metropolitan Planning Organization's Transportation Improvement Plan.
4. Begin mapping sites for electric vehicle and alternative fuel charging stations.
5. Inventory and map the lead pipes in your city. Read through the Biden-Harris Lead Pipe and Paint Action Plan [here](#) for additional federal resources for this effort.
6. Work with your state's broadband agency to ensure your city or region's needs are appropriately mapped and inventoried.
7. Establish relationships with the regional offices for key federal agencies, who can help direct you to resources and provide technical assistance.

The American Rescue Plan also provided over \$350 billion in critical resources to every state, county, city, and unit of local government to support their response to the COVID19 public health emergency, including in making the investments needed to ensure a durable and equitable economic recovery. Cities should look to leverage those resources to help prepare for the transformative investments included in the Bipartisan Infrastructure Law including training the workers needed to build high quality infrastructure; hiring back the public sector workers needed to help manage potential federal investments; and getting a jump start on water, sewer, and broadband projects that could complement investments from the infrastructure law.



We recognize local capacity may be strained due to the pandemic, historic underinvestment, or just the challenges of day-to-day governance. A city's lack of capacity to apply for federal funds can create significant inequities – and for many communities, this will be their first time applying for funds from a suite of federal agencies. While many funding streams in the Bipartisan Infrastructure Law specifically set aside funds for disadvantaged communities, the White House Infrastructure Implementation Team will be engaging states, Tribal governments, territories, federal agencies, philanthropies, and others to leverage all available resources to quickly deliver the necessary technical assistance and capacity to underserved communities.

